REGIONAL STREAM SEDIMENT AND WATER GEOCHEMICAL DATA

GOLDEN, BRAZEAU LAKE, CANOE RIVER AND MOUNT ROBSON, SOUTHEASTERN BRITISH COLUMBIA

(NTS 82N, 83C, 83D and 83E)

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1.0 INTRODUCTION

This report summarizes the results of the 2005 regional geochemical survey ("RGS") conducted by CME Managing Consultants Inc. ("CME") in southeastern British Columbia, Canada at the request of Geoscience BC.

The 2005 RGS program was carried out between August 26 and October 25, 2005. Samples were collected from a total of 1,409 sites from a survey area of approximately 21,560 square kilometers.

Included within this report are sample collection, preparation and analysis protocols, presentation of results in digital and hardcopy format.

2.0 SURVEY AREA

The area surveyed covers southeastern British Columbia from 51° to 53° north latitude and 116° to 120° west longitude (Figure 1). Sampling was not undertaken in National or Provincial Parks.

The stream sediment and water survey was undertaken within map sheets 82N (Golden), 83C (Brazeau Lake), 83D (Canoe River) and 83E (Mount Robson). Base camps were established in Valemount, Golden, Mica Creek, Blue River and Revelstoke. The sample preparation laboratory was established in Valemount for the entire survey.

3.0 REGIONAL SETTING

3.1 PHYSIOGRAPHY

From east to west, the study area consists of the Rocky Mountains, the Rocky Mountain Trench, Columbia Mountains and the Quesnel and Shuswap Highlands (Holland, 1976). The Quesnel and Shuswap Highlands make up a small portion of the study area as they occur in the southwestern corner of map sheet 83D. The Columbia Mountains, from north to south consist of the Cariboo, Monashee, Selkirk and Purcell Mountains.

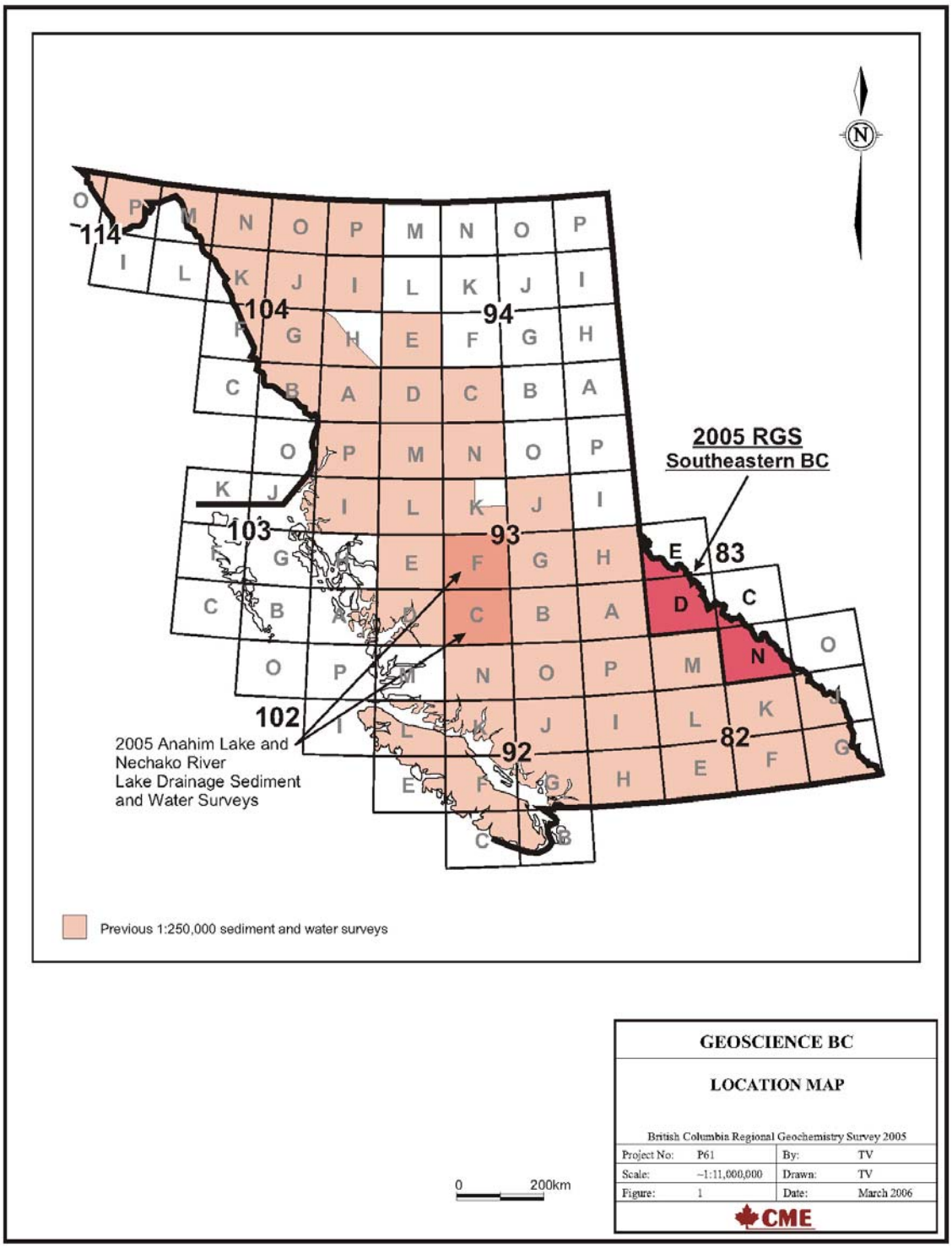
Both the Rocky and Columbia Mountains are glaciated and consist of extremely rugged terrain. Massive and bold sharp peaks are separated by deep and narrow valleys. Peaks and ridges are predominantly exposed bedrock and typically range between 2,500 to 3,000 metres in elevation. The steeply sloping valley sides are covered with talus and colluvium and the valley bottoms with alluvium and till.

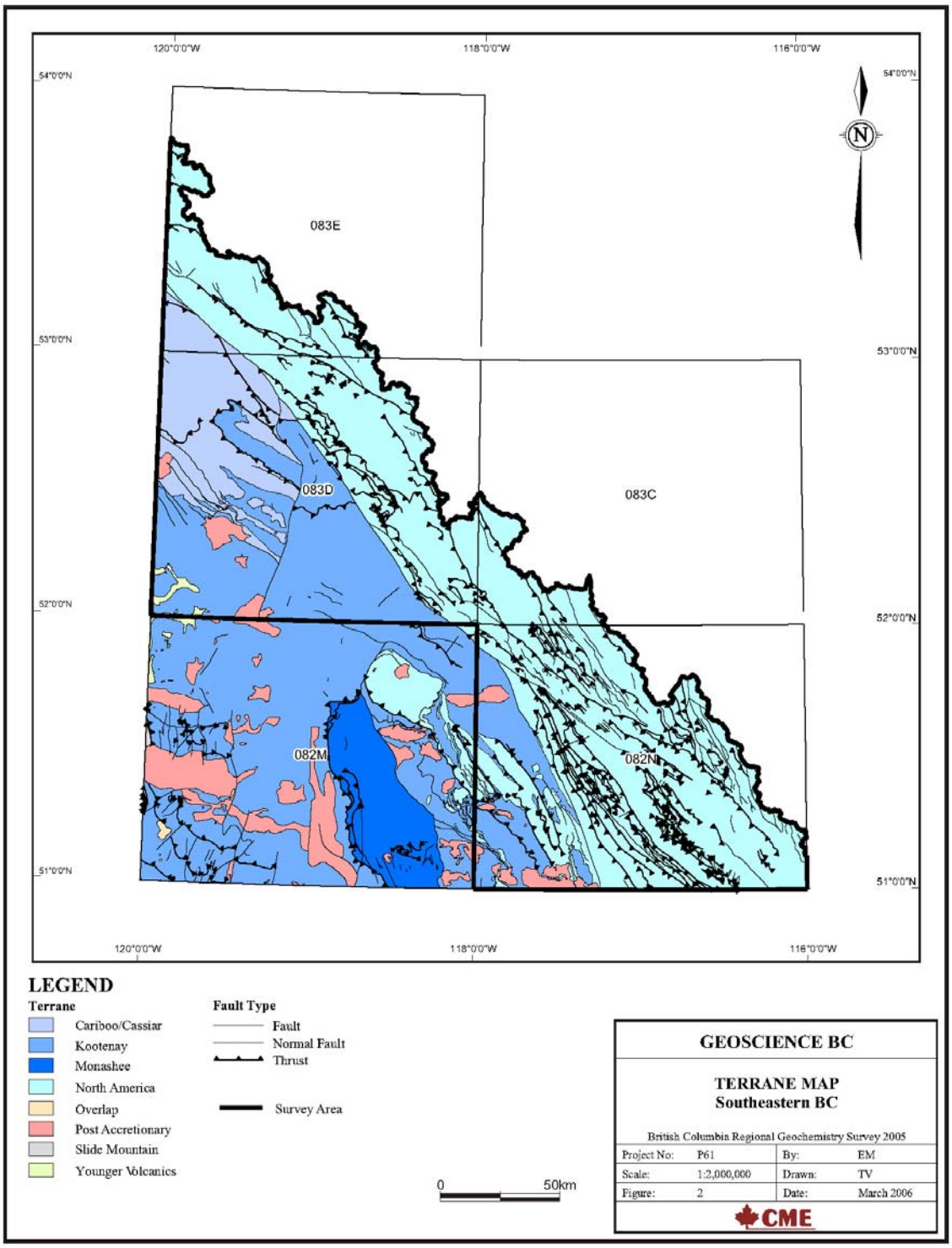
3.2 GEOLOGY

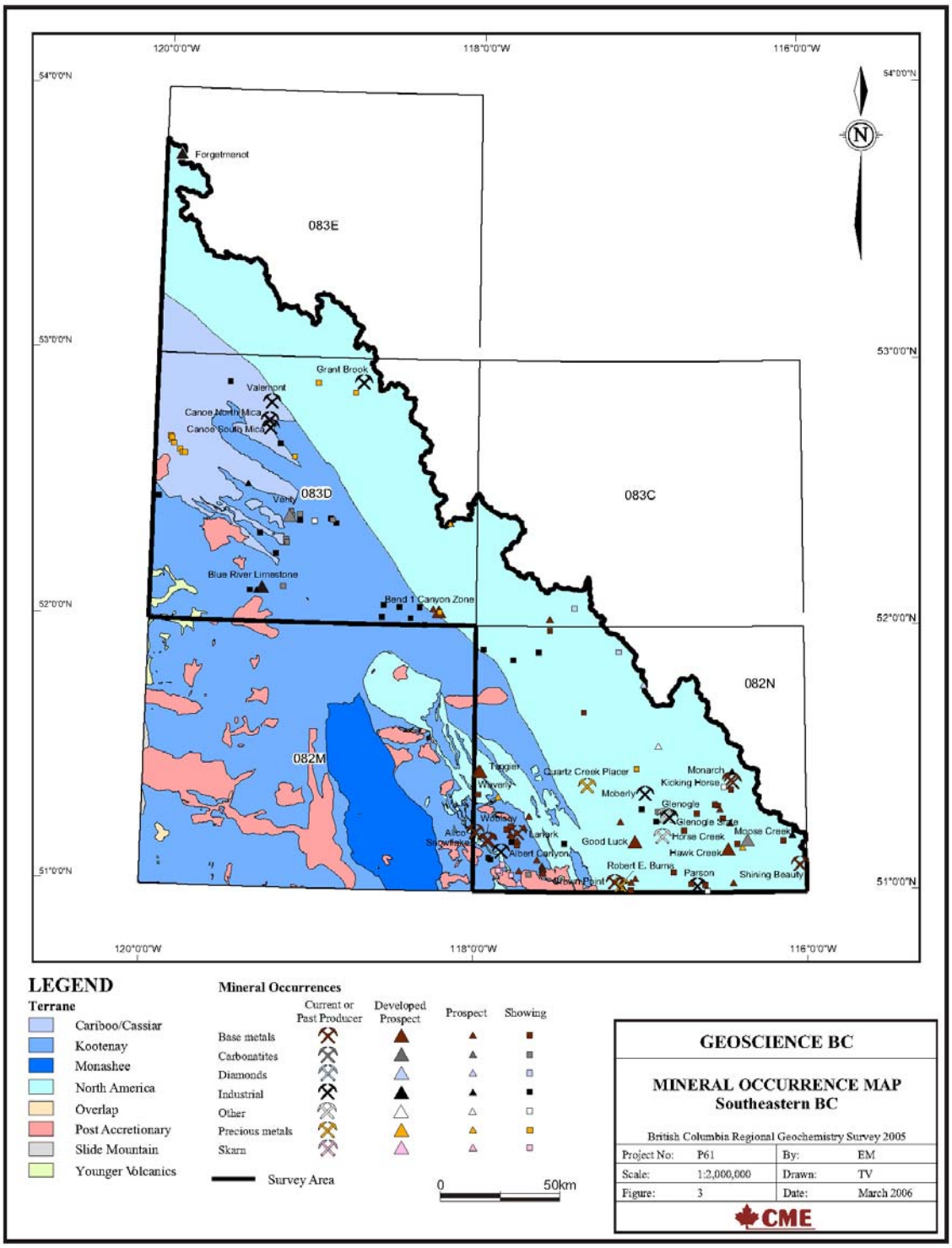
The survey area includes parts of two of the five structurally and physiographically distinct belts that constitute the Canadian segment of the North American Cordillera. These are the Foreland Belt to the east and the Omineca Belt to the west.

Several gneissic bodies crop out adjacent to and along the Rocky Mountain Trench. To the east of the Rocky Mountain Trench, lithologies of the Main Ranges form an imbricate thrust package of Hadrynian to Triassic metasediments and sediments of the Ancestral North American Craton (Mountjoy, 1993).

To the west of the Rocky Mountain Trench in the Canoe River and Mount Robson map-areas are the Kootenay and Cassiar/Cariboo terranes of the Omineca Belt (Figure 2). Lithologies of the Kootenay Terrane include Hadrynian Horsethief Creek Group and the overlying Kaza and Cariboo groups (Mountjoy, 1993). The Cassiar/Cariboo Terranes include Upper Proterozoic to Upper Triassic passive continental margin sediments displaced along the Rocky Mountain Trench transcurrent


114
104
94
103
93
102
92
82
83
2005 RGS
Southeastern BC
2005 Anahim Lake and
Nechako River
Lake Drainage Sediment
and Water Surveys
Previous 1:250,000 sediment and water surveys
0
200km
GEOSCIENCE BC
LOCATION MAP
British Columbia Regional Geochemistry Survey 2005
Project No: P61
By: TV
Scale: ~1:11,000,000
Drawn: TV
Figure: 1
Date: March 2006
CME


120°0'0"W
118°0'0"W
116°0'0"W
54°0'0"N
53°0'0"N
52°0'0"N
51°0'0"N
N
083E
083D
083C
082M
082N
LEGEND
Terrane
Cariboo/Cassiar
Kootenay
Monashee
North America
Overlap
Post Accretionary
Slide Mountain
Younger Volcanics
Fault Type
Fault
Normal Fault
Thrust
Survey Area
0
50km
GEOSCIENCE BC
TERRANE MAP
Southeastern BC
British Columbia Regional Geochemistry Survey 2005
Project No: P61
By: EM
Scale: 1:2,000,000
Drawn: TV
Figure: 2
Date: March 2006
CME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54°0'0"N
53°0'0"N
52°0'0"N
51°0'0"N
N
083E
083D
083C
082N
082M
Forgetmenot
Grant Brook
Valemont
Canoe North Mica
Canoe South Mica
Vanty
Blue River Limestone
Bend 1 Canyon Zone
Trigger
Waverly
Quartz Creek Placer
Monarch
Kicking Horse
Moberly
Glenogle
Glenogle Star
Horse Creek
Moose Creek
Hawk Creek
Wobbly
Larkark
Good Luck
Albert Canyon
Robert E. Burns
Parson
Shining Beauty
LEGEND
Terrane
Cariboo/Cassiar
Kootenay
Monashee
North America
Overlap
Post Accretionary
Slide Mountain
Younger Volcanics
Mineral Occurrences
Current or Past Producer
Developed Prospect
Prospect
Showing
Base metals
Carbonatites
Diamonds
Industrial
Other
Precious metals
Skarn
Survey Area
0
50km
GEOSCIENCE BC
MINERAL OCCURRENCE MAP
Southeastern BC
British Columbia Regional Geochemistry Survey 2005
Project No: P61
By: EM
Scale: 1:2,000,000
Drawn: TV
Figure: 3
Date: March 2006
CME

faults (Wheeler *et al*, 1988). East of the Rocky Mountain Trench is the Foreland Belt represented by the Rocky Mountains. In this area the Foreland Belt consists primarily of a sequence of quartzites, carbonates and pelites from the Hadrynian Miette Group through the Lower Cambrian Gog Group to the Middle Cambrian Chancellor Group (MINFILE 083D001).

Hadrynian rocks on both sides of the Rocky Mountain Trench have been intensely deformed by at least three folding events and have been affected by Barrovian metamorphism (~160 Ma-60 Ma, Crowley *et al*, 2000) ranging in grade from biotite to sillimanite zones (Mountjoy, 1993).

In the Golden area, west of the trench is the Purcell Anticlinorium. Within the Purcell Anticlinorium, a thick succession of Proterozoic (i.e. Horsethief Creek and Miette groups) and Paleozoic (Hamill, Lardeau and Gog groups; Eager, Badshot, Mohican, Donald, Reno, Laib, Quartzite Range formations) miogeoclinal rocks has been deformed by imbricate thrust faults, normal faults, complex folds, and widespread penetrative deformation (Owsiacki, 1993).

3.3 MINERALIZATION

In the Canoe River and Brazeau Lake map-areas, the majority of known mineral occurrences are located adjacent to or west of the Rocky Mountain Trench and consist primarily of industrial mineral occurrences (Figure 3). Precious and base metal occurrences are not abundant throughout the area. Industrial mineral occurrences of mica and kyanite with lesser garnet and beryllium are generally hosted in the Semipelite-Amphibolite unit of the Hadrynian Horsethief Creek Group (Mountjoy, 1993).

Several small alkaline ultramafic diatremes, intruding Upper Cambrian carbonate strata, have been discovered and explored in the Bush River area for microdiamonds (Mountjoy, 1993). A number of carbonatite and nepheline syenite layers occur within the Semipelite- Amphibolite unit of the Horsethief Creek Group in the Monashee Mountains. These have been examined for their vermiculite, uranium, niobium and tantalum potential.

The documented occurrences in the Golden map-area are evenly distributed on both sides of the Rocky Mountain Trench. Approximately two-thirds of the total occurrences are comprised of lead-silver-zinc-(copper-gold) replacement-type deposits hosted primarily in carbonate rocks, and lead-silver-zinc-(gold-copper-tungsten) quartz veins in metasediments, chiefly slates, graphitic slates, schists and argillites Industrial mineral occurrences comprise the remaining one-third of the total occurrences in the Golden map-area. (Owsiacki, 1993).

4.0 2005 RGS PROGRAM

4.1 FIELD OPERATIONS

4.1.1 Sample Collection

Field operations were conducted from base camps established in Valemount, Golden, Mica Creek, Blue River and Revelstoke. Sample collection, data recording, drying, packing and shipping were in accordance with standards set by Geoscience BC.

In general, sample sites were restricted to primary and secondary drainages having catchment basins of less than 10 square kilometres. Contaminated

or poor-quality sample sites were avoided by choosing an alternative stream or sampling a minimum of 50 metres upstream from the identified problem.

Sediment samples were placed in labelled 8" x 14" 6 mil polyethylene ("PE") bags. Sample tags were place in each PE bag prior to tie-locking the bag for security. In areas of low silt, two bags of sediment were collected. Water samples were collected in labelled 250 ml HDPE bottles provided by Eco Tech Laboratory Ltd. ("Eco Tech Labs") of Kamloops, BC. Field observations regarding sample media, sample site and location were recorded on waterproof sheets in the field and later entered into a master database back in the office. GPS readings were also taken at each sample site whenever possible using a Garmin GPS 60 handheld receiver.

Sample collection commenced on August 28 and ended on October 23, 2005. The first day was reserved for orientation and security protocols lead by the Project Manger.

A Hughes 500D helicopter operated by Prism Helicopters of Pit Meadows, BC, was used for the entire helicopter sampling portion of the program. Helicopter sampling was undertaken from September 9 to October 10 and again on October 18 and 19.

A total of 1,409 sample sites were sampled. A breakdown of the number of sample sites by mapsheet is as follows:

- 612 sites within the Golden map-area - 82N (Figure 4);
- 42 sites within the Brazeau Lake map-area - 83C (Figure 5);
- 603 sites within the Canoe River map-area - 83D (Figure 6); and,
- 152 sites within the Mount Robson map-area - 83E (Figure 7).

A total of 33 sites had no flowing water so only stream sediment material was collected.

The surveys covered approximately 21,560 square kilometres at an average density of approximately one sample site per 15 square kilometres. Sampling was not undertaken in National or Provincial parks. Approximately 7% of the survey area is covered by glaciers and icefields.

4.1.2 Sample Preparation

The sample preparation facility ("preplab") was established in Valemount. During the sampling of 83D and 83E area, water and sediment samples were delivered daily at the preplab. When the sampling crew stayed in Golden, BC to sample the 82N and 83C areas, sample shipments were delivered once every 4 - 6 days.

The water samples, collected in 250 ml HDPE bottles, were sorted and kept in the motel room and each week's accumulation of samples were forwarded, complete with QC samples, to Eco Tech Labs.

Field samples (sediments) - weighing from 1.5 to 3.5 kg, mostly between 2.5 and 3.0 kg (after drying) – were delivered in PE bags (8" x 14", 6 mil) and sealed with a tie lock (cable tie), and transferred to aluminum pans (cake/baking pans 20x20x5cm and 30x23x5cm). Sometimes, when the sampler deemed it necessary, two field samples (bag 1/2 and 2/2) were collected at a sample site to assure sufficient silt (-80 mesh). All samples were placed in the dryer and rotated according to the rate at which they dried (about 40 samples a day.) Almost all field samples were soaking wet.

After drying, the samples were sifted through -10 mesh (1.70 mm) and -80 mesh (0.18 mm) 8" stainless steel T.S. Tyler sieves. The sifters discarded the +10 mesh, returned the +80 –10 mesh to the original PE bags in which the field samples were delivered and labelled "oversize fraction", and packaged the -80 mesh in 4" x 7" kraft tin-tie bags. (The oversize fraction has been stored in 49 rice sacks ~ 1000 kg.) The sifter(s) always aimed to sieve > 50 g silt material (- 80 mesh). The sieves were cleaned between each sample with an air compressor (125 psi). Aluminum drying pans were cleaned with damp terry cloths (clean towels), supplied by the hotel.

The silt samples were weighed and recorded each day. If a silt sample weighed < 50 g, additional sampling ("retake" of the insufficient sample site) was collected and combined (rolled on Cute-rite wax paper) with the original silt. This always resulted in sufficient silt samples, i.e., > 50 g.

Occasionally, large field samples that had an abundance of silt were not sifted in their entirety, as this would have brought about too much silt that would not have fitted, > 400 g, into the 4x7" kraft bag. The sifter was able to estimate that quite well.

All silt samples were sorted and kept in the Dry Manager's room until the completion of the RGS program. Quality control (QC) samples were inserted after all the field samples were sifted to confirm completeness of sample number series. Blind duplicates, taken from within each continuous sample series of 20 and positioned at the beginning of that series, were split from the first field duplicate, or if < 100g, the second. Failing that, a silt sample > 100 g within that group of 20 would become the blind duplicate.

A standard reference sample (SRM) was inserted in each set of 20 continuous series of samples. The SRM consisted of two bottles 2 kg each - Red Dog #28 and #62 - supplied by Ray Lett of BCEMPR. The random positioning of the reference sample within each series of 20 was pre-selected by the Project Manager.

The SRM Red Dog #28, after the contents was rolled on paper for 15 minutes, covered the sample series 83D051, 83D052, 83C051, and 82N051001–1088. SRM Red Dog #62 covered 82N051089–1531, 83E051, 82N052 and 83D053. The quantity of the SRM of each bottle made it impractical to roll and combine them.

The QC samples of the water samples came from motel's tap water (both blind duplicate and reference sample). On the day before shipping the samples to the lab the QCs were drawn from the tap and inserted. The date of filling the QC bottles for each shipment (4) was noted on the CME's sample submission sheets, to detect possible variation of Valemount tap water. Valemount water comes directly from Swift Creek after filtering and chlorination – no fluoridation, however.

The last samples were sifted on October 24. The Dry Manager dropped off the entire 1,667 sediment shipment at Eco Tech Labs on October 25.

4.1.3 Sample Re-Collection

A total of 28 samples were found to contain less than 50 grams of –80 mesh material. These sample sites were revisited and additional material collected. Collection was undertaken by truck on September 26 and 27 and by helicopter on October 18 and 19.

4.2 ANALYTICAL PROCEDURES

Analysis on sediments included 37 elements by ICP-Mass Spectrometer ("ICP-MS"), 35 elements by Insrumental Neutron Activation Analysis ("INAA"), Fluorine, and loss-on-ignition ("LOI"). Water analysis included pH, Conductivity and Fluoride.

Eco Tech Labs performed all water analyses plus Fluorine and loss-on-ignition for sediments. Eco Tech Labs subcontracted the ICP-MS analysis to Acme Analytical Laboraties Ltd. of Vancouver, BC and the INAA analysis to Becquerel Laboratories of Mississauga, Ontario.

A brief description of the various analytical procedures is presented below.

4.2.1 pH

The pH of stream waters was determined using an electronic pH meter with glass electrode and automatic temperature compensator, with a resolution of 0.01 pH units. Meters were calibrated using NIST approved buffer solutions of 4, 7 and 10 pH.

4.2.2 Conductivity

Conductivity of stream waters was determined using a YSI Model 31 Conductivity Bridge from Yellow Springs Instruments Inc with an error not exceeding 1% or 1 µmhos/cm, whichever was greater. Meters were calibrated using standard reference solutions of 447 and 2270 µmhos/cm.

4.2.3 Fluoride - Water

A 50 ml sample was placed into a beaker and a digital pH meter equipped with a fluoride specific ion electrode inserted. A 50 ml Ioncal Buffer was added and the solution retested.

Table 1: Detection Limits, *ICP-MS*

Element	Detection Range
Ag	2 ppb to 100 ppm
Al	0.01% to 10%
As	0.1 ppm to 10,000 ppm
Au	0.2 ppb to 100 ppm
B	1 ppm to 2,000 ppm
Ba	0.5 ppm to 10,000 ppm
Bi	0.02 ppm to 2,000 ppm
Ca	0.01% to 40%
Cd	0.01 ppm to 2,000 ppm
Co	0.1 ppm to 2,000 ppm
Cr	0.5 ppm to 10,000 ppm
Cu	0.01 ppm to 10,000 ppm
Fe	0.01% to 40%
Ga	0.1 ppm to 100 ppm
Hg	5 ppb to 100 ppm
K	0.01% to 10%
La	0.5 ppm to 10,000 ppm
Mg	0.01% to 30%
Mn	1 ppm to 10,000 ppm
Mo	0.01 ppm to 2,000 ppm
Na	0.001% to 10%
Ni	0.1 ppm to 10,000 ppm
P	0.001% to 5 %
Pb	0.01 ppm to 10,000 ppm
S	0.02% to10%
Sb	0.02 ppm to 2,000 ppm
Sc	0.1 ppm to 100 ppm
Se	0.1 ppm to 100 ppm
Sr	0.5 ppm to 10,000 ppm
Te	0.02 ppm to 100 ppm
Th	0.1 ppm to 2,000 ppm
Ti	0.001% to 10%
Tl	0.02 ppm to 100 ppm
U	0.1 ppm to 2,000 ppm
V	2 ppm to 10,000 ppm
W	0.1 ppm to 100 ppm
Zn	0.1 ppm to 10,000 ppm

4.2.4 Loss-on-Ignition

Loss-on-ignition was determined using a 1 gram sample. The sample, weighed into a combustion boat, was placed in a 1050°C Blue M muffle furnace for one hour. The boats were removed from the furnace and cooled for 2 hours. The boats were re-weighed, and the difference was the loss-on-ignition.

4.2.5 Fluorine - Sediments

A 0.25 gram sample was placed into a disposable test tube. Approximately 1 gram of Na_2CO_3/KNO_3 was added to the test tube and mixed then

placed into a muffle furnace at 700°C for 30 minutes. When cool, the sample melt was placed into a Teflon beaker and had 90ml R.O. water added and let sit for 1.5 hours. A 10 ml citric acid solution was added prior to analysis. Analysis was run using a digital pH meter equipped with a fluorine specific ion electrode.

4.2.6 Induced Coupled Plasma Mass Spectrometry (ICP-MS)

A 15 gram sample was leached with 6 ml of a mixture of HCl, HNO_3 and distilled with demineralized water at 95°C for one hour. The sample solution was diluted to 20ml with 5% HCl and analyzed by ICP-MS. Elements determined by ICP-MS are listed in Table 1 along with their corresponding detection limits. Samples returning results lower than the detection limit are prefixed with a 'negative' symbol.

4.2.7 Instrumental Neutron Activation Analysis (INAA)

Weighed and encapsulated samples, normally 10 to 15 grams, were packaged for irradiation along with internal standards and international reference materials. Samples and standards were irradiated together with neutron flux monitors at the McMaster Nuclear Reactor. After a six day decay period, samples were measured with a high-resolution coaxial germanium detector. Typical counting times were 20 to 30 minutes. Elements determined by INAA are listed in Table 2 along with their corresponding detection limits. Samples returning results lower than the detection limit are prefixed with a 'negative' symbol.

5.0 DATA PRESENTATION

This data package has been prepared as a PDF document and presents survey results in three appendices that are described as follows:

Appendix 'A': Complete listing of site location information, field observations and analytical results. Table preceding the data listings define codes used for field observations.

Appendix 'B': Summary statistics for individual elements.

Appendix 'C': Sample location and a selection of element maps.

Raw digital data files have been included in XLS and DBF formats.

Table 2: Detection Limits, *INAA*

Element	DL	Unit
Antimony	0.1	ppm
Arsenic	0.5	ppm
Barium	50	ppm
Bromine	0.5	ppm
Calcium	1	%
Cerium	3	ppm
Cesium	1	ppm
Chromium	5	ppm
Cobalt	1	ppm
Europium	0.2	ppm
Gold	2	ppb
Hafnium	1	ppm
Iridium	5	ppb
Iron	0.01	%
Lanthanum	0.5	ppm
Lutetium	0.05	ppm
Mercury	1	ppm
Molybdenum	1	ppm
Neodymium	5	ppm
Nickel	20	ppm
Rubidium	15	ppm
Samarium	0.1	ppm
Scandium	0.1	ppm
Selenium	3	ppm
Silver	5	ppm
Sodium	0.01	%
Strontium	500	ppm
Tantalum	0.5	ppm
Terbium	0.5	ppm
Thorium	0.2	ppm
Tin	100	ppm
Tungsten	1	ppm
Uranium	0.5	ppm
Ytterbium	0.2	ppm
Zinc	50	ppm

6.0 ACKNOWLEDGMENTS

The 2005 survey was fully funded by Geoscience BC[1] (Contribution Number GBC018).

7.0 REFERENCES

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Wheeler, J.O., Brookfield, A.J., Gabrielse, H., Monger, J.W.H., Tipper, H.W., and Woodsworth, G.J. (1988): Terrane Map of the Canadian Cordillera, *Geological Survey of Canada*, Open File 1894.

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604-662-4147

REGIONAL STREAM SEDIMENT AND WATER GEOCHEMICAL DATA

SOUTHEASTERN BRITISH COLUMBIA

(NTS 82N, 83C, 83D AND 83E)

*** DATA LISTINGS ***

Table of Contents

NTS 82N

Field Observations 3
ICPMS Data 20
INAA Data 53

NTS 83C

Field Observations 86
ICPMS Data 88
INAA Data 91

NTS 83D

Field Observations 94
AAS Data 110
INAA Data 142

NTS 83E

Field Observations 174
AAS Data 179
INAA Data 188

Notes:

- Analytical data reported at levels below detection limit are listed with a '<'.

Table 1. Reference Guide to Stream Sample Site Field Observations

MAP 1:50 000 NTS Map Sheet Number

YEAR Year of Collection

ID Sample Site Number

UTMZ UTM Zone

UTME UTM East Coordinate (NAD 83)

UTMN UTM North Coordinate (NAD 83)

LAT Latitude in Decimal Degrees (NAD 83)

LONG Longitude in Decimal Degrees (NAD 83)

ELEV Elevation of sample site above sea level (metres)

REP Replicate Sample Status :

Routine Sample
10 1st Field Duplicate
20 2nd Field Duplicate

MAT Sample Media Collected :

6 Stream Sediment and Water
1 Stream Sediment Only

WAT COL Water Colour :

0 Colourless
1 Brown Clear
2 White Cloudy
3 Brown Cloudy

FLW Water Flow Rate :

0 Stagnant
1 Slow
2 Moderate
3 Fast
4 Torrent

SED COL Sediment Colour :

1 Red
2 Green
3 White
4 Gray-Blue
5 Black
6 Pink
7 Yellow
8 Tan-Brown

SED PPT Sediment Precipitate :

N None (otherwise, same as SED COL)

CON Site Contamination :

0 None
1 Possible
2 Probable
3 Definite
4 Mining
5 Industrial
6 Agriculture
7 Domestic
8 Forestry

SED COMP Sediment Composition

Estimate of Sand - Fines - Organic Content:
0 Absent
1 Minor (<1/3 of total)
2 Moderate (1/3 to 2/3 of total)
3 Major (>2/3 of total)

WDTH Stream Width (metres)

DPTH Stream Depth (centimetres)

BNK Bank Composition :

0 Unknown
1 Alluvium
2 Colluvium
3 Till
4 Outwash
5 Rock
6 Scree/Talus
7 Organic

BNK PPT Bank Precipitate :

N None (otherwise, same as SED COL)

CHL BED Channel Bed :

1 Boulders
3 Coarse Sands
2 Fines
4 Organic

CHL PTN Channel Pattern :

1 Shoots-Pools
3 Meandering
2 Braided
4 Disturbed

PHY Physiography :

1 Muskeg
3 Hilly
4 Youthful Mts
5 Mature Mts

DRN Drainage Pattern :

0 Undefined
1 Dendritic
2 Herringbone

TYP Stream Type :

0 Undefined
1 Permanent
2 Seasonal
3 Re-emergent

ODR Stream Order :

0 Undefined
1 Primary
3 Tertiary
2 Secondary
4 Quaternary

SRC Stream Source :

0 Unknown
2 Spring Run-off
1 Groundwater
3 Glacier Melt Water

DATE Day of Collection (month/day)

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
82N07	2005	1002	11	514182	5693621	51.39364	-116.79616	1555	6		0	2	8	0	8	310	4.0	35	2	0	3	2	5	1	1	2	1	09/04
82N07	2005	1003	11	513966	5693635	51.39378	-116.79926	1569	6		0	2	8	0	8	310	4.0	30	2	1	3	2	5	1	1	2	1	09/04
82N07	2005	1004	11	513079	5691822	51.37749	-116.81208	1685	6		0	3	8	0	8	220	3.0	20	2	1	1	1	5	1	1	2	1	09/04
82N07	2005	1005	11	514449	5688709	51.34947	-116.79253	1436	6		0	2	8	0	8	311	1.4	8	2	0	3	1	5	1	1	1	1	09/04
82N07	2005	1006	11	515738	5686540	51.32993	-116.77411	1310	6		0	2	8	0	8	310	3.5	10	2	0	3	1	5	1	1	2	1	09/04
82N07	2005	1007	11	513724	5688966	51.35180	-116.80292	1526	6		0	3	8	0	8	220	1.5	15	2	0	1	1	5	1	1	2	1	09/04
82N07	2005	1008	11	514091	5687072	51.33476	-116.79773	1660	6		0	2	8	0	8	220	1.0	8	2	0	3	1	5	1	1	1	1	09/04
82N14	2005	1009	11	474021	5756176	51.95567	-117.37805	957	6		2	3	6	0	1	130	8.0	70	2	0	3	1	5	1	1	3	3	09/05
82N14	2005	1010	11	474411	5754305	51.93888	-117.37224	935	1		0	0	8	0	8	310	3.0		0	0	3	1	5	1	2	2	2	09/05
82N14	2005	1011	11	474987	5752265	51.92056	-117.36370	1018	6		0	3	8	0	8	220	1.3	20	2	0	3	1	5	1	1	2	1	09/05
82N14	2005	1012	11	479356	5748299	51.88508	-117.29995	987	6		0	1	8	0	1	310	0.3		2	0	3	1	5	1	1	2	1	09/05
82N14	2005	1013	11	477295	5747286	51.87589	-117.32982	957	6	10	0	2	8	0	8	310	0.4	12	2	0	3	1	5	1	1	2	1	09/05
82N14	2005	1014	11	477295	5747286	51.87589	-117.32982	957	6	20	0	2	8	0	8	310	0.4	12	2	0	3	1	5	1	1	2	1	09/05
82N14	2005	1016	11	476987	5749827	51.89872	-117.33447	912	6		0	2	8	8	8	310	0.5	15	2	8	2	1	5	1	1	2	1	09/05
82N14	2005	1017	11	479726	5744279	51.84895	-117.29434	918	6		0	2	8	0	1	221	0.6	3	0	0	3	2	5	1	1	1	1	09/05
82N10	2005	1018	11	517026	5721073	51.64040	-116.75395	1110	6		2	3	8	0	8	130	12.0	40	1	0	3	2	5	1	1	2	3	09/06
82N10	2005	1019	11	517543	5722498	51.65320	-116.74641	1128	6		2	3	6	6	8	130	8.0	25	2	0	3	1	5	1	1	1	3	09/06
82N10	2005	1020	11	517728	5717988	51.61265	-116.74397	1067	6		0	3	8	0	1	311	4.0	12	2	0	3	1	5	1	1	1	1	09/06
82N10	2005	1022	11	515165	5714361	51.58011	-116.78114	1053	6		0	3	8	0	1	220	2.3	28	1	0	3	1	5	1	1	2	1	09/06
82N10	2005	1023	11	509842	5712191	51.56072	-116.85802	994	1		0	0	8	0	1	220	0.2		2	0	3	2	5	1	2	2	2	09/06
82N14	2005	1024	11	495766	5743024	51.83802	-117.06146	1465	6	10	2	3	8	0	8	130	4.0	20	2	0	3	2	5	1	1	2	3	09/05
82N14	2005	1025	11	495766	5743024	51.83802	-117.06146	1465	6	20	2	3	8	0	8	131	4.0	20	2	0	3	2	5	1	1	2	3	09/05
82N14	2005	1026	11	495422	5742849	51.83644	-117.06644	1425	6		2	3	8	0	1	130	3.0	20	2	0	3	2	5	1	1	2	3	09/05
82N14	2005	1027	11	494824	5745931	51.86415	-117.07518	1191	6		0	3	8	0	8	310	1.5	5	1	0	1	1	5	1	1	2	1	09/05
82N14	2005	1028	11	492597	5741947	51.82830	-117.10742	1083	6		0	3	8	0	1	220	2.0	8	1	0	1	1	5	1	1	1	1	09/05
82N14	2005	1029	11	492300	5740431	51.81466	-117.11170	1056	6		0	3	8	0	1	130	3.0		1	0	1	1	5	1	2	1	1	09/05
82N14	2005	1030	11	491694	5738384	51.79626	-117.12045	1037	1		0	2	8	0	1	310	3.0		1	0	1	1	5	1	2	1	1	09/05
82N14	2005	1031	11	489685	5737312	51.78658	-117.14955	1043	6		0	3	8	0	8	310	4.0	20	1	0	3	2	5	1	1	2	1	09/05
82N14	2005	1032	11	487076	5738089	51.79351	-117.18739	993	6		3	3	3	0	8	130	4.0	25	1	0	1	2	5	1	1	2	1	09/05
82N14	2005	1033	11	485767	5739095	51.80252	-117.20642	1030	1		0	2	8	0	8	220	1.0		1	0	3	1	5	0	2	1	1	09/05
82N14	2005	1034	11	484470	5740636	51.81634	-117.22530	984	6		2	3	6	0	0	130	8.0	25	1	0	1	1	5	1	1	2	3	09/05
82N14	2005	1035	11	479673	5740250	51.81272	-117.29487	824	1		0	2	8	0	8	220	2.5		1	0	1	1	5	1	2	1	1	09/05
82N14	2005	1036	11	481452	5741994	51.82847	-117.26915	978	1		0	2	6	0	0	310	4.0		1	0	1	1	5	1	2	1	1	09/05
82N10	2005	1037	11	524376	5722758	51.65529	-116.64763	1833	6		2	3	8	0	1	130	10.0	25	2	0	1	1	5	1	1	2	3	09/06
82N10	2005	1039	11	521185	5725029	51.67583	-116.69362	1730	6		0	2	8	0	8	310	1.0	10	2	0	3	1	5	1	1	1	1	09/06
82N10	2005	1040	11	519560	5723252	51.65992	-116.71722	1247	6		0	3	6	0	8	310	12.0	20	2	0	1	1	5	1	1	2	1	09/06
82N10	2005	1042	11	520931	5729591	51.71686	-116.69701	1429	6		0	3	8	0	8	220	3.0	20	2	0	1	1	5	1	1	1	1	09/06
82N10	2005	1043	11	521208	5729830	51.71900	-116.69300	1401	6		2	3	6	0	8	130	20.0	100	1	0	1	1	5	1	1	2	3	09/06
82N10	2005	1044	11	519896	5729732	51.71817	-116.71199	1313	6		2	3	6	0	1	130	12.0	100	1	0	1	1	5	1	1	1	3	09/06
82N12	2005	1045	11	438767	5719180	51.62031	-117.88450	1418	6		0	3	8	0	8	310	5.0	20	1	0	1	1	5	1	1	2	1	09/07

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
82N12	2005	1046	11	440409	5719260	51.62120	-117.86079	1302	6		0	3	8	0	8	310	6.0	20	1	1	1	1	5	1	1	2	1	09/07
82N12	2005	1047	11	441898	5718804	51.61726	-117.83921	1314	6		2	3	8	0	8	130	3.0	15	1	1	1	1	5	1	1	2	3	09/07
82N12	2005	1048	11	443342	5719196	51.62094	-117.81843	1250	6		2	3	8	0	8	130	4.0	20	1	1	1	1	5	1	1	1	3	09/07
82N12	2005	1049	11	443080	5719664	51.62512	-117.82228	1334	6		3	4	8	1	8	130	10.0	1	1	1	1	1	5	1	1	2	3	09/07
82N12	2005	1050	11	444775	5719861	51.62705	-117.79782	1199	6		0	3	8	0	8	220	4.0	20	1	1	1	1	5	1	1	1	2	09/07
82N10	2005	1051	11	508830	5711110	51.55101	-116.87264	979	6		0	2	8	0	8	311	2.2	12	2	0	3	3	5	1	1	2	1	09/06
82N10	2005	1052	11	512571	5711566	51.55504	-116.81868	1095	6		0	3	8	0	1	220	3.0	40	2	0	3	1	5	1	1	2	1	09/06
82N10	2005	1053	11	508929	5710648	51.54686	-116.87123	1012	1		0	0	6	0	1	220	0.4		0	0	4	4	5	0	2	2	2	09/06
82N10	2005	1054	11	507169	5708295	51.52572	-116.89667	974	6	10	0	2	8	0	1	310	20.0	20	1	0	3	2	5	1	1	3	1	09/06
82N10	2005	1055	11	507169	5708295	51.52572	-116.89667	974	6	20	0	2	8	0	1	310	20.0	20	1	0	3	2	5	1	1	3	1	09/06
82N10	2005	1056	11	505309	5709538	51.53692	-116.92345	1052	1		0	0	8	0	8	310	1.2		2	0	3	1	5	1	2	1	2	09/06
82N10	2005	1058	11	504870	5708910	51.53128	-116.92980	953	6		0	2	8	0	1	220	1.3	30	2	0	3	1	5	1	1	3	1	09/06
82N10	2005	1059	11	503539	5708390	51.52661	-116.94899	985	6		0	2	8	0	1	310	2.0	15	1	0	3	1	5	1	1	3	1	09/06
82N10	2005	1060	11	502286	5706850	51.51278	-116.96706	993	6		0	2	8	0	1	310	0.5	12	1	0	3	1	5	1	1	1	1	09/06
82N10	2005	1062	11	501609	5705939	51.50458	-116.97681	1004	6		0	1	8	0	1	220	0.2	5	2	0	3	1	5	1	1	1	1	09/06
82N07	2005	1063	11	501297	5702890	51.47717	-116.98132	898	6		0	2	8	0	1	310	3.1	32	2	0	3	1	5	1	1	2	1	09/06
82N12	2005	1064	11	446717	5718493	51.61494	-117.76957	1135	6		0	4	8	0	8	220	2.0	12	1	1	1	1	5	1	1	0	1	09/07
82N12	2005	1065	11	450636	5724673	51.67087	-117.71384	897	6		0	2	8	0	1	310	1.0	15	2	0	3	1	5	1	1	2	1	09/07
82N12	2005	1066	11	450715	5728923	51.70908	-117.71330	828	6		0	3	8	0	8	310	2.5	18	1	0	1	1	5	1	1	1	1	09/07
82N12	2005	1067	11	451101	5729342	51.71288	-117.70778	852	6		0	2	8	0	8	310	8.0	12	2	0	3	1	5	1	1	1	1	09/07
82N12	2005	1068	11	439344	5706840	51.50943	-117.87403	1475	6		0	3	8	0	8	220	3.0	50	2	0	1	1	5	1	1	2	1	09/07
82N12	2005	1069	11	439518	5706143	51.50318	-117.87141	1482	6		0	3	8	0	1	220	2.1	18	0	0	3	1	5	1	1	2	1	09/07
82N12	2005	1070	11	441823	5707967	51.51982	-117.83851	1462	6		2	3	6	0	1	130	3.0	60	2	0	1	1	5	1	1	3	3	09/07
82N12	2005	1072	11	444090	5709907	51.53749	-117.80614	1367	6		0	2	8	0	8	220	0.4	10	7	0	3	2	5	1	1	1	1	09/07
82N12	2005	1073	11	445008	5711354	51.55059	-117.79313	1350	6	10	0	3	8	0	8	310	15.0	55	2	0	1	1	5	1	1	2	1	09/07
82N12	2005	1074	11	445008	5711354	51.55059	-117.79313	1350	6	20	0	3	8	0	8	310	15.0	55	2	0	1	1	5	1	1	2	1	09/07
82N12	2005	1075	11	445543	5711005	51.54751	-117.78536	1303	6		0	2	8	0	8	311	2.0	10	2	0	3	1	5	1	1	1	1	09/07
82N12	2005	1076	11	446040	5712464	51.56067	-117.77842	1284	6		0	3	8	0	1	310	2.3	33	2	0	3	1	5	1	1	2	1	09/07
82N12	2005	1077	11	447365	5714428	51.57846	-117.75960	1219	6		0	2	8	0	8	310	0.3	10	7	0	3	1	5	1	1	1	1	09/07
82N12	2005	1078	11	450052	5718879	51.61872	-117.72145	1038	6		0	2	8	0	1	310	0.2	5	2	0	3	1	5	1	1	1	1	09/07
82N12	2005	1079	11	450338	5721221	51.63981	-117.71766	957	6		0	3	8	0	1	220	1.0	12	2	0	3	1	5	1	1	2	1	09/07
82N12	2005	1080	11	451013	5722848	51.65449	-117.70813	1062	6		0	3	8	0	8	310	4.0	65	2	0	3	1	5	1	1	3	1	09/07
82N10	2005	1082	11	524241	5722343	51.65156	-116.64961	1834	6		2	2	8	0	0	130	4.0	30	2	0	1	2	5	1	1	2	3	09/06
82N12	2005	1083	11	436590	5717482	51.60481	-117.91563	1554	6		2	3	6	8	8	130	10.0	60	2	0	1	1	5	1	1	3	3	10/08
82N12	2005	1084	11	435471	5717878	51.60824	-117.93186	1597	6		0	3	8	0	0	130	8.0	30	1	0	3	1	5	1	1	3	3	10/08
82N12	2005	1085	11	435885	5717943	51.60887	-117.92590	1532	6		0	3	6	0	0	130	1.8	15	2	0	1	1	5	1	1	1	3	10/08
82N13	2005	1086	11	431075	5737460	51.78376	-117.99920	1514	6		0	2	8	0	1	130	1.5	20	7	0	1	1	5	1	1	1	3	09/28
82N13	2005	1087	11	432075	5734628	51.75842	-117.98415	1452	6	10	0	3	6	0	0	130	4.0	30	2	0	1	1	5	1	1	3	3	09/28
82N13	2005	1088	11	432075	5734628	51.75842	-117.98415	1452	6	20	0	3	6	0	0	130	4.0	30	2	0	1	1	5	1	1	3	3	09/28
82N13	2005	1090	11	431952	5734376	51.75614	-117.98589	1425	6		0	3	6	0	0	130	7.0	25	2	0	3	1	5	1	1	3	3	09/28

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
82N13	2005	1091	11	462056	5744815	51.85285	-117.55091	1526	6		0	3	8	0	1	311	0.6	10	2	0	3	1	5	1	1	1	1	09/28
82N13	2005	1092	11	463956	5745341	51.85770	-117.52338	1341	6		0	3	8	0	8	310	2.2	10	2	0	3	1	5	1	1	2	1	09/28
82N13	2005	1093	11	463386	5745446	51.85861	-117.53167	1354	6		0	3	8	0	8	220	6.2	25	2	0	3	1	5	1	1	3	1	09/28
82N13	2005	1094	11	459636	5744541	51.85021	-117.58601	1541	6		0	2	8	0	0	310	4.0	20	2	0	3	1	5	1	1	2	1	09/28
82N13	2005	1095	11	459224	5744740	51.85198	-117.59201	1579	6		0	3	8	0	8	220	2.3	35	2	0	1	1	5	1	1	1	1	09/28
82N13	2005	1096	11	458334	5745577	51.85944	-117.60505	1665	6		0	2	8	0	0	220	5.0	50	7	0	3	3	5	1	1	3	1	09/28
82N13	2005	1097	11	458585	5745715	51.86069	-117.60141	1653	6		0	3	8	0	0	130	3.0	15	2	0	2	3	5	1	1	1	3	09/28
82N13	2005	1098	11	432609	5758989	51.97749	-117.98117	827	6		0	2	8	0	0	220	0.3	6	1	0	2	1	5	1	1	2	1	09/30
82N13	2005	1099	11	432870	5758428	51.97247	-117.97727	972	6		0	3	8	0	8	310	0.7	10	2	0	3	1	5	1	1	1	1	09/30
82N13	2005	1100	11	434583	5760053	51.98729	-117.95264	813	6		0	3	8	0	8	310	5.0	40	1	0	1	1	5	1	1	2	1	09/30
82N13	2005	1102	11	434600	5761034	51.99611	-117.95258	900	6		0	3	8	0	8	220	5.0	30	1	0	3	1	5	1	1	2	1	09/30
82N13	2005	1103	11	435329	5756755	51.95773	-117.94115	740	6		0	2	8	0	0	220	0.3	10	2	0	3	1	5	1	1	1	1	09/30
82N13	2005	1104	11	442007	5756943	51.96015	-117.84402	770	6		0	3	8	0	0	310	2.0	15	2	0	3	1	5	1	1	2	1	09/30
82N13	2005	1105	11	439927	5756563	51.95652	-117.87422	743	6	10	0	3	8	0	0	220	0.4	10	2	0	3	1	5	1	1	1	1	09/30
82N13	2005	1106	11	439927	5756563	51.95652	-117.87422	743	6	20	0	3	8	0	0	220	0.4	10	2	0	3	1	5	1	1	1	1	09/30
82N13	2005	1107	11	444364	5757357	51.96411	-117.80978	780	6		0	3	8	0	0	220	2.5	30	1	0	3	3	5	1	1	2	1	09/30
82N13	2005	1108	11	446546	5757504	51.96565	-117.77804	799	6		2	2	6	0	0	130	6.0	50	2	0	2	3	5	1	1	2	3	09/30
82N13	2005	1109	11	447709	5756028	51.95249	-117.76090	869	6		0	1	8	0	0	130	7.0	10	7	0	2	3	5	1	1	1	1	09/30
82N13	2005	1110	11	450753	5757301	51.96421	-117.71678	931	6		0	3	8	0	0	310	2.0	7	1	0	3	1	5	1	1	1	1	09/30
82N13	2005	1111	11	451422	5757884	51.96952	-117.70714	991	6		0	2	8	0	0	310	0.8	10	2	0	3	1	5	1	1	1	1	09/30
82N13	2005	1112	11	451062	5758389	51.97403	-117.71245	921	6		0	4	6	0	1	310	2.0	20	1	0	1	1	5	1	1	2	1	09/30
82N13	2005	1114	11	452301	5758860	51.97837	-117.69448	954	6		0	3	8	0	0	310	2.5	20	2	0	1	1	5	1	1	1	1	09/30
82N13	2005	1115	11	453202	5759957	51.98831	-117.68151	927	6		0	4	8	0	0	310	3.0	20	2	0	3	1	5	1	1	2	1	09/30
82N13	2005	1116	11	453083	5760426	51.99251	-117.68330	874	6		2	3	8	0	1	130	5.0	60	1	0	1	1	5	1	1	3	3	09/30
82N13	2005	1117	11	444338	5736247	51.77433	-117.80676	1131	6		0	3	6	0	0	310	5.0	40	1	0	1	1	5	1	1	1	1	10/01
82N13	2005	1118	11	444462	5736195	51.77388	-117.80496	1139	6		2	3	6	3	0	130	5.0	40	2	0	3	1	5	1	1	3	3	10/01
82N13	2005	1119	11	452941	5743856	51.84353	-117.68310	1325	6		0	2	8	1	8	130	3.0	40	2	0	1	1	5	1	1	3	1	10/01
82N13	2005	1120	11	453285	5743922	51.84416	-117.67812	1365	6		0	3	8	0	8	310	5.0	30	2	0	3	1	5	1	1	2	1	10/01
82N13	2005	1122	11	435599	5748884	51.88700	-117.93576	801	6		0	3	8	0	0	310	3.0	20	2	0	1	1	5	1	1	1	1	10/01
82N13	2005	1123	11	433960	5749826	51.89528	-117.95974	755	6		0	3	8	0	1	310	1.2	15	2	0	3	1	5	1	1	1	1	10/01
82N13	2005	1124	11	451881	5754638	51.94038	-117.69999	1198	6	10	0	3	8	0	0	220	7.0	30	2	0	1	1	5	1	1	3	1	10/01
82N13	2005	1125	11	451881	5754638	51.94038	-117.69999	1198	6	20	0	3	8	0	0	220	7.0	30	2	0	1	1	5	1	1	3	1	10/01
82N13	2005	1126	11	455949	5755226	51.94600	-117.64091	1445	6		2	2	6	0	0	130	10.0	20	1	0	3	1	5	1	1	3	3	10/01
82N13	2005	1127	11	455888	5755608	51.94943	-117.64184	1370	6		0	3	8	0	0	310	1.0	15	2	0	1	1	5	1	1	1	1	10/01
82N13	2005	1128	11	459085	5757576	51.96737	-117.59555	1711	6		0	3	8	0	0	130	1.0	15	2	0	1	1	5	1	1	1	3	10/01
82N13	2005	1130	11	459207	5757825	51.96961	-117.59381	1658	6		0	3	6	0	0	130	8.0	20	1	0	3	1	5	1	1	3	3	10/01
82N13	2005	1131	11	464246	5759013	51.98064	-117.52059	1350	6		2	3	6	0	0	130	6.0	30	2	0	3	1	5	1	1	3	3	10/01
82N13	2005	1132	11	464612	5759038	51.98089	-117.51527	1321	6		0	2	8	0	0	310	1.0	10	2	0	1	1	5	1	1	1	1	10/01
82N14	2005	1133	11	466759	5741829	51.82630	-117.48234	1225	6		0	3	6	0	0	220	1.8	20	2	0	3	1	5	1	1	2	1	10/01
82N14	2005	1134	11	468376	5739541	51.80582	-117.45867	935	6		0	3	8	0	1	310	2.5	15	2	0	1	1	5	1	1	1	1	10/01

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
82N14	2005	1135	11	466990	5741952	51.82742	-117.47900	1121	6		0	4	8	0	0	310	10.0	70	2	0	1	1	5	1	1	3	1	10/01
82N14	2005	1136	11	469576	5744823	51.85338	-117.44173	1130	6		0	3	8	0	0	311	2.0	10	1	0	3	1	5	1	1	1	1	10/01
82N14	2005	1137	11	469987	5744772	51.85294	-117.43576	1031	6		0	3	8	0	0	310	4.0	30	2	0	1	1	5	1	1	2	1	10/01
82N14	2005	1138	11	469541	5745888	51.86295	-117.44234	1064	6		0	3	8	0	1	310	4.0	20	2	0	1	1	5	1	1	2	1	10/01
82N14	2005	1139	11	468891	5747320	51.87579	-117.45190	1104	6		0	3	8	0	0	220	10.0	8	7	0	2	2	5	1	1	1	1	10/01
82N14	2005	1140	11	468139	5747708	51.87923	-117.46287	1152	6		0	3	8	0	1	220	1.5	20	2	0	3	1	5	1	1	1	1	10/01
82N14	2005	1142	11	477732	5751384	51.91275	-117.32374	1334	6		0	2	8	0	8	310	1.0	10	1	0	3	4	5	1	1	0	1	10/01
82N14	2005	1143	11	467999	5748562	51.88691	-117.46498	1099	6		0	2	8	0	0	311	2.0	10	1	0	3	1	5	1	1	1	1	10/01
82N14	2005	1144	11	467460	5750610	51.90529	-117.47299	1148	6		0	2	8	0	0	310	1.0	15	2	0	1	1	5	1	1	1	1	10/01
82N14	2005	1145	11	466882	5750728	51.90632	-117.48142	1166	6		0	3	8	0	0	220	4.5	30	2	0	3	1	5	1	1	3	1	10/01
82N13	2005	1146	11	464007	5751972	51.91733	-117.52333	1366	6		0	3	8	0	0	130	9.0	42	5	3	1	1	5	1	1	3	3	10/01
82N14	2005	1147	11	466230	5755337	51.94772	-117.49134	1230	6		0	4	8	0	8	310	2.0	25	5	0	1	1	5	1	1	1	1	10/01
82N14	2005	1148	11	467013	5750987	51.90865	-117.47954	1131	6	10	0	2	8	0	1	310	10.0	20	1	0	3	3	5	1	1	3	1	10/01
82N14	2005	1149	11	467013	5750987	51.90865	-117.47954	1131	6	20	0	2	8	0	1	310	10.0	20	1	0	3	3	5	1	1	3	1	10/01
82N13	2005	1150	11	464023	5752205	51.91942	-117.52312	1349	6		0	3	8	0	0	130	1.4	15	2	0	1	1	5	1	1	3	3	10/01
82N14	2005	1151	11	476535	5753095	51.92809	-117.34126	1271	6		0	2	8	0	0	130	2.0	15	2	0	3	1	5	1	1	1	3	10/01
82N14	2005	1153	11	474572	5756819	51.96148	-117.37008	982	6		0	2	8	0	1	220	1.2	10	1	0	3	1	5	1	1	1	1	10/01
82N14	2005	1154	11	475940	5760155	51.99154	-117.35041	1390	6		0	2	8	0	0	220	1.0	10	2	0	3	1	5	1	1	2	1	10/01
82N14	2005	1155	11	487405	5754243	51.93876	-117.18321	1293	6		0	2	6	0	1	130	4.0	30	2	0	1	1	5	1	1	3	1	10/01
82N14	2005	1156	11	487607	5754204	51.93841	-117.18028	1281	6		0	2	6	0	0	130	15.0	20	1	0	3	3	5	1	1	3	3	10/01
82N14	2005	1157	11	485405	5751843	51.91713	-117.21221	1157	6		2	3	8	0	0	130	7.0	40	1	0	3	1	5	1	1	3	3	10/01
82N14	2005	1158	11	485804	5751555	51.91455	-117.20640	1218	6		2	2	6	0	0	130	3.5	30	1	0	3	1	5	1	1	1	3	10/01
82N14	2005	1159	11	482852	5749061	51.89205	-117.24919	1066	6		0	3	6	0	1	130	2.5	30	2	0	1	1	5	1	1	2	3	10/01
82N14	2005	1160	11	483395	5748255	51.88482	-117.24126	1179	6		0	4	6	0	1	130	3.0	60	2	0	1	1	5	1	1	3	3	10/01
82N13	2005	1162	11	437037	5747302	51.87294	-117.91458	909	6	10	0	3	8	0	1	220	5.0	50	2	0	1	1	5	1	1	3	1	10/02
82N13	2005	1163	11	437037	5747302	51.87294	-117.91458	909	6	20	0	3	8	0	1	220	5.0	50	2	0	1	1	5	1	1	3	1	10/02
82N13	2005	1164	11	439102	5746099	51.86236	-117.88437	1132	6		0	2	8	0	8	310	3.0	4	2	0	3	1	5	1	1	0	0	10/02
82N13	2005	1165	11	442308	5751496	51.91122	-117.83871	1518	6		0	3	8	0	0	130	4.0	30	2	0	3	1	5	1	1	3	3	10/02
82N13	2005	1166	11	442400	5751346	51.90987	-117.83735	1552	6		0	3	6	0	0	220	3.5	25	2	0	1	1	5	1	1	3	1	10/02
82N14	2005	1167	11	474913	5740933	51.81867	-117.36397	789	6		0	2	8	0	1	220	1.0	10	1	0	3	1	5	1	1	3	1	10/02
82N14	2005	1169	11	475496	5741118	51.82036	-117.35552	789	6		0	3	8	0	0	310	2.5	15	1	0	3	1	5	1	1	2	1	10/02
82N14	2005	1170	11	478682	5736051	51.77493	-117.30899	1224	6		0	3	8	0	0	130	5.0	40	1	0	1	1	5	1	1	3	1	10/02
82N14	2005	1171	11	478741	5736218	51.77643	-117.30814	1223	6		2	4	8	6	0	130	7.0	40	1	0	3	1	5	1	1	3	1	10/02
82N14	2005	1172	11	481625	5747365	51.87676	-117.26693	1182	6		0	4	8	0	1	130	2.0	20	1	0	3	1	5	1	1	2	1	10/02
82N14	2005	1173	11	480314	5760732	51.99689	-117.28674	1698	6		0	2	6	0	0	130	2.8	30	2	0	1	1	5	1	1	1	3	10/02
82N14	2005	1174	11	479745	5760640	51.99605	-117.29501	1714	6		0	3	6	0	0	130	2.0	40	2	0	3	1	5	1	1	1	3	10/02
82N14	2005	1175	11	483675	5740415	51.81433	-117.23682	1041	1		0	0	8	0	0	311			7	0	3	1	5	1	3	2	1	10/02
82N14	2005	1176	11	482106	5741172	51.82109	-117.25962	973	6		0	3	8	0	1	310	1.5	10	2	0	1	1	5	1	1	1	1	10/02
82N14	2005	1177	11	485765	5739692	51.80789	-117.20648	987	6		0	2	6	0	8	130	1.1	15	1	0	3	1	5	1	1	1	1	10/02
82N14	2005	1178	11	488169	5737490	51.78815	-117.17152	1110	6		0	3	8	0	0	310	4.0	10	5	0	1	1	5	1	1	1	1	10/02

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
82N14	2005	1179	11	494161	5736502	51.77937	-117.08464	1337	6		0	2	8	0	0	130	0.8	10	2	0	1	1	5	1	1	2	1	10/02
82N14	2005	1180	11	494382	5735605	51.77130	-117.08143	1416	6		0	4	8	0	8	220	5.0	30	2	0	1	1	5	1	1	2	1	10/02
82N14	2005	1182	11	498151	5734590	51.76219	-117.02679	1398	6		2	2	8	0	0	130	8.0	45	3	0	3	3	5	1	1	2	1	10/02
82N14	2005	1183	11	498162	5734899	51.76498	-117.02663	1370	6		0	2	8	0	0	220	4.0	40	2	0	1	1	5	1	1	3	1	10/02
82N14	2005	1184	11	492129	5742682	51.83490	-117.11423	1049	6		0	3	6	0	0	130	4.0	20	1	0	3	1	5	1	1	3	3	10/02
82N14	2005	1185	11	491700	5740757	51.81759	-117.12041	1069	6	10	0	2	8	0	0	130	1.0	15	2	0	3	1	5	1	1	1	3	10/02
82N14	2005	1186	11	491700	5740757	51.81759	-117.12041	1069	6	20	0	2	8	0	0	130	1.0	15	2	0	3	1	5	1	1	1	3	10/02
82N14	2005	1187	11	492834	5744029	51.84702	-117.10402	1117	1		0	0	6	0	0	310			2	0	1	1	5	1	1	1	1	10/02
82N14	2005	1188	11	494059	5745735	51.86238	-117.08628	1171	6		0	3	8	0	0	130	10.0	30	1	0	3	1	5	1	1	3	3	10/02
82N11	2005	1189	11	469754	5712082	51.55901	-117.43631	843	6		0	2	8	0	1	310	1.0	10	2	0	1	1	5	1	1	1	1	10/03
82N11	2005	1190	11	467579	5717023	51.60331	-117.46813	759	6		0	2	8	0	1	220	3.0	25	2	0	3	1	5	1	1	1	1	10/03
82N11	2005	1192	11	481028	5715428	51.58959	-117.27386	921	6		0	2	8	8	2	310	1.2	10	2	0	1	1	5	1	1	1	1	10/03
82N11	2005	1193	11	481419	5719140	51.62298	-117.26841	1106	6		0	2	8	0	0	220	1.0	8	1	0	2	1	5	1	1	1	1	10/03
82N11	2005	1194	11	480157	5721762	51.64651	-117.28680	1087	6		0	3	8	0	0	220	2.2	15	2	0	1	1	5	1	1	2	1	10/03
82N11	2005	1195	11	482422	5723043	51.65810	-117.25412	1156	6		0	1	8	0	0	310	1.0	8	2	0	3	1	5	1	1	1	1	10/03
82N11	2005	1196	11	483829	5723521	51.66244	-117.23380	1259	6		0	2	8	0	0	220	3.5	20	2	0	1	1	5	1	1	3	1	10/03
82N11	2005	1197	11	486625	5726610	51.69029	-117.19350	1389	6		0	3	8	0	0	310	3.0	15	2	0	3	1	5	1	1	3	1	10/03
82N11	2005	1198	11	481275	5728630	51.70830	-117.27100	1791	6		0	2	6	0	0	220	5.0	15	2	0	3	2	5	1	1	2	1	10/03
82N11	2005	1199	11	481487	5728971	51.71137	-117.26795	1799	6		0	2	8	0	0	310	4.0	15	2	0	3	3	5	1	1	2	1	10/03
82N11	2005	1200	11	474519	5733048	51.74776	-117.36909	1062	6		0	3	6	0	8	220	5.0	40	2	0	1	1	5	1	1	3	1	10/03
82N11	2005	1202	11	474256	5733110	51.74830	-117.37291	1080	6		0	3	6	0	8	130	3.0	20	2	0	1	1	5	1	1	3	1	10/03
82N11	2005	1204	11	487610	5727769	51.70073	-117.17928	1418	6		0	2	8	0	0	220	2.0	15	2	0	1	1	5	1	1	1	1	10/03
82N11	2005	1205	11	488628	5729228	51.71387	-117.16461	1495	6	10	0	3	8	0	0	220	4.0	30	2	0	3	1	5	1	1	3	1	10/03
82N11	2005	1206	11	488628	5729228	51.71387	-117.16461	1495	6	20	0	3	8	0	0	220	4.0	30	2	0	3	1	5	1	1	3	1	10/03
82N11	2005	1207	11	488831	5729071	51.71246	-117.16166	1499	6		0	2	8	0	0	220	5.0	40	2	0	3	1	5	1	1	3	1	10/03
82N11	2005	1208	11	494805	5727521	51.69862	-117.07518	1360	6		0	3	8	0	0	130	4.0	40	2	0	3	2	5	1	1	1	3	10/03
82N11	2005	1209	11	495839	5727711	51.70033	-117.06021	1390	6		0	2	8	0	0	220	3.7	22	2	0	3	1	5	1	1	2	1	10/03
82N11	2005	1210	11	498610	5727372	51.69730	-117.02012	1684	6		0	3	8	0	0	130	2.0	10	2	0	1	1	5	1	1	2	3	10/03
82N11	2005	1211	11	498695	5727080	51.69468	-117.01888	1761	6		0	4	6	0	0	130	8.0	30	5	0	1	1	5	1	1	1	3	10/03
82N11	2005	1212	11	486133	5717620	51.60944	-117.20025	1766	6		0	2	6	0	0	220	2.0	5	2	0	3	1	5	1	1	1	1	10/03
82N11	2005	1213	11	486371	5717558	51.60889	-117.19681	1726	6		0	3	8	0	0	220	3.0	18	5	0	1	1	5	1	1	1	1	10/03
82N11	2005	1214	11	488538	5713212	51.56986	-117.16538	1093	6		0	2	8	0	0	220	2.0	40	2	0	1	1	5	1	1	3	1	10/03
82N11	2005	1215	11	488313	5712931	51.56733	-117.16862	1135	6		0	3	8	0	0	310	3.0	15	2	0	3	1	5	1	1	1	1	10/03
82N11	2005	1216	11	490264	5711056	51.55051	-117.14042	949	6		0	3	8	0	1	220	2.8	15	2	0	1	1	5	1	1	2	1	10/03
82N11	2005	1217	11	491071	5713940	51.57645	-117.12885	945	6		0	3	8	0	0	220	2.3	25	2	0	3	1	5	1	1	1	1	10/03
82N11	2005	1218	11	491812	5714175	51.57858	-117.11816	975	6		0	3	8	0	0	310	2.5	15	2	0	1	1	5	1	1	1	1	10/03
82N11	2005	1219	11	494514	5714228	51.57909	-117.07917	1079	6		0	3	8	0	0	220	1.0	10	2	0	2	2	5	1	1	1	1	10/03
82N11	2005	1220	11	495477	5714642	51.58282	-117.06528	1104	6		0	3	8	0	0	220	2.0	30	2	0	1	1	5	1	1	2	1	10/03
82N11	2005	1222	11	497465	5715452	51.59011	-117.03660	1100	6		0	3	8	0	0	220	3.0	30	1	0	3	1	5	1	1	2	1	10/03
82N11	2005	1223	11	498122	5716125	51.59617	-117.02711	1101	1		0	0	8	0	0	310			2	0	1	1	5	1	1	1	1	10/03

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
82N11	2005	1224	11	494987	5717803	51.61124	-117.07240	1318	6	10	0	2	8	0	0	220	4.0	30	1	0	3	2	5	1	1	3	1	10/03
82N11	2005	1225	11	494987	5717803	51.61124	-117.07240	1318	6	20	0	2	8	0	0	220	4.0	30	1	0	3	2	5	1	1	3	1	10/03
82N11	2005	1226	11	495226	5717977	51.61280	-117.06894	1282	6		0	3	8	0	0	130	1.2	10	1	0	3	1	5	1	1	1	1	10/03
82N11	2005	1227	11	499136	5716864	51.60282	-117.01247	1115	6		0	2	8	0	0	130	2.0	10	1	0	3	1	5	1	1	1	1	10/03
82N11	2005	1228	11	499385	5716331	51.59803	-117.00887	1175	6		0	2	8	0	0	220	4.0	30	1	0	3	1	5	1	1	3	1	10/03
82N10	2005	1229	11	502847	5717961	51.61268	-116.95889	1210	6		0	2	6	0	0	310	8.0	10	2	0	3	1	5	1	1	1	1	10/03
82N10	2005	1231	11	502439	5718799	51.62021	-116.96476	1165	6		0	2	8	0	0	220	6.0	40	1	0	1	2	5	1	1	3	1	10/03
82N11	2005	1232	11	498683	5721690	51.64621	-117.01903	1475	6		0	3	6	0	0	310	6.0	20	1	0	3	1	5	1	1	2	1	10/03
82N11	2005	1233	11	499601	5721860	51.64774	-117.00576	1426	6		0	3	8	0	0	310	2.0	30	2	0	1	1	5	1	1	1	1	10/03
82N10	2005	1234	11	505653	5723557	51.66297	-116.91827	1229	6		0	1	8	0	0	130	0.8	10	2	0	1	1	5	1	1	2	3	10/03
82N10	2005	1235	11	506082	5723362	51.66121	-116.91207	1225	6		0	2	8	0	0	130	5.0	30	3	0	3	1	5	1	1	3	3	10/03
82N10	2005	1236	11	505578	5720911	51.63917	-116.91940	1239	6		0	3	8	0	0	220	3.0	20	2	7	3	1	5	1	1	2	1	10/03
82N10	2005	1237	11	504815	5721938	51.64842	-116.93041	1228	6		0	3	8	0	0	130	5.0	30	2	0	3	1	5	1	1	3	3	10/03
82N10	2005	1238	11	505966	5718334	51.61601	-116.91384	1256	6		0	3	8	0	0	310	0.7	10	2	0	3	1	5	1	1	1	1	10/03
82N10	2005	1239	11	506786	5717366	51.60729	-116.90201	1355	6		0	4	8	0	0	130	2.7	30	1	0	3	1	5	1	1	2	1	10/03
82N10	2005	1240	11	507499	5717562	51.60904	-116.89171	1402	6		0	2	8	0	0	221	0.5	10	7	0	3	1	5	1	1	1	1	10/04
82N10	2005	1242	11	508707	5716661	51.60093	-116.87428	1538	6		0	3	8	0	0	311	1.2	20	2	0	3	1	5	1	1	1	1	10/04
82N10	2005	1243	11	511112	5719567	51.62701	-116.83947	1656	6		0	3	8	0	0	130	10.0	20	2	0	3	1	5	1	1	2	3	10/04
82N10	2005	1244	11	511125	5718592	51.61825	-116.83932	1663	6		0	2	8	0	0	310	1.5	5	2	0	3	1	5	1	1	1	1	10/04
82N10	2005	1245	11	511332	5719428	51.62576	-116.83629	1680	6		0	3	8	0	0	220	3.0	15	2	0	1	1	5	1	1	2	1	10/04
82N15	2005	1247	11	518198	5735117	51.76664	-116.73628	1485	6		0	2	6	0	1	220	3.0	30	2	0	1	1	5	1	1	1	1	10/04
82N15	2005	1248	11	518597	5736288	51.77716	-116.73044	1514	6	10	0	3	8	0	0	310	7.0	30	2	0	3	1	5	1	1	3	1	10/04
82N15	2005	1249	11	518597	5736288	51.77716	-116.73044	1514	6	20	0	3	8	0	0	310	7.0	30	2	0	3	1	5	1	1	3	1	10/04
82N10	2005	1250	11	519423	5732852	51.74623	-116.71867	1388	6		0	2	6	0	0	130	2.5	15	2	0	3	1	5	1	1	2	3	10/04
82N10	2005	1251	11	519706	5732614	51.74408	-116.71457	1352	6		0	3	8	0	0	311	1.6	10	2	0	1	1	5	1	1	1	1	10/04
82N10	2005	1252	11	520532	5731243	51.73173	-116.70269	1340	6		0	3	8	0	0	311	1.2	20	2	0	1	1	5	1	1	1	1	10/04
82N10	2005	1253	11	518263	5719127	51.62287	-116.73618	1076	6		0	2	8	0	1	220	1.0	15	7	0	2	1	5	1	1	2	1	10/04
82N10	2005	1254	11	518382	5717357	51.60695	-116.73456	1123	1		0	0	8	0	1	311			2	0	3	1	5	1	2	2	2	10/04
82N10	2005	1255	11	517913	5716868	51.60257	-116.74135	1069	6		0	2	6	0	1	220	1.0	15	2	0	3	1	5	1	1	1	1	10/04
82N10	2005	1256	11	516476	5714710	51.58321	-116.76220	1090	6		0	2	8	0	0	220	3.0	10	1	0	3	1	5	1	1	2	1	10/04
82N10	2005	1257	11	514821	5713001	51.56789	-116.78617	1090	6		0	2	8	0	1	310	1.2	10	1	0	3	1	5	1	1	1	1	10/04
82N10	2005	1258	11	515995	5708815	51.53022	-116.76941	1552	6		0	2	8	0	1	220	0.5	10	2	0	3	1	5	1	1	1	1	10/04
82N10	2005	1259	11	515716	5708615	51.52842	-116.77344	1538	6		0	3	8	0	1	220	3.0	20	2	0	1	1	5	1	1	3	1	10/04
82N10	2005	1260	11	515951	5708981	51.53171	-116.77004	1523	6		0	3	8	0	1	220	8.0	25	2	0	3	1	5	1	1	3	1	10/04
82N10	2005	1262	11	505119	5707294	51.51674	-116.92623	1047	6		0	3	8	0	1	310	2.5	15	2	0	3	1	5	1	1	2	1	10/04
82N12	2005	1263	11	447860	5725765	51.68043	-117.75415	1015	6	10	0	2	8	0	0	130			0	0	1	1	5	1	1	3	3	10/04
82N12	2005	1264	11	447860	5725765	51.68043	-117.75415	1015	6	20	0	2	8	0	0	130			0	0	1	1	5	1	1	3	3	10/04
82N12	2005	1265	11	447035	5726469	51.68668	-117.76619	1001	6		0	4	8	0	0	130	3.0	30	2	0	1	1	5	1	1	2	3	10/04
82N12	2005	1266	11	442705	5727594	51.69637	-117.82901	1245	6		0	3	8	0	0	130	7.0	35	2	0	3	1	5	1	1	2	3	10/04
82N12	2005	1267	11	444344	5727887	51.69917	-117.80534	1218	6		0	1	6	0	0	220	2.0	15	7	0	2	3	5	1	1	1	1	10/04

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
82N12	2005	1268	11	442572	5727812	51.69832	-117.83096	1215	6		2	3	6	0	0	130	15.0	50	2	0	3	1	5	1	1	3	3	10/04
82N12	2005	1269	11	431673	5728551	51.70374	-117.98879	1457	6		2	3	6	0	0	130	6.0	50	2	0	1	1	5	1	1	3	3	10/04
82N12	2005	1270	11	431872	5728038	51.69915	-117.98581	1502	6		0	3	8	0	0	130	15.0	75	2	0	3	1	5	1	1	3	3	10/04
82N12	2005	1271	11	430737	5712271	51.55727	-117.99910	1219	6		0	3	8	0	0	130	18.0	15	2	0	3	1	5	1	1	2	3	10/04
82N12	2005	1272	11	431654	5710619	51.54252	-117.98556	1351	6		0	3	8	0	0	130	15.0	15	1	0	3	1	5	1	1	2	3	10/04
82N12	2005	1273	11	432023	5710571	51.54214	-117.98023	1375	6		2	3	6	0	0	130	4.0	40	2	0	1	1	5	1	1	3	3	10/04
82N05	2005	1275	11	435153	5703027	51.47469	-117.93372	1613	6		0	2	8	0	0	130	1.5	30	2	0	1	1	5	1	1	1	3	10/04
82N05	2005	1276	11	434958	5703183	51.47606	-117.93655	1601	6		0	3	8	0	0	130	10.0	15	2	0	3	1	5	1	1	2	3	10/04
82N05	2005	1277	11	437682	5705640	51.49846	-117.89776	1488	6		0	3	6	0	8	220	3.5	35	1	0	3	1	5	1	1	3	1	10/04
82N05	2005	1278	11	438424	5705420	51.49656	-117.88704	1477	6		0	3	8	0	1	130	4.0	15	5	1	3	1	5	1	1	3	3	10/04
82N12	2005	1279	11	445687	5708085	51.52127	-117.78284	1380	6		0	2	8	0	0	130	3.0	25	2	0	1	1	5	1	1	3	1	10/04
82N12	2005	1280	11	445462	5706670	51.50852	-117.78586	1522	6		0	3	8	0	0	130	5.0	30	2	0	3	1	5	1	1	1	3	10/04
82N12	2005	1282	11	445617	5706654	51.50840	-117.78362	1491	6		0	3	8	0	0	130	15.0	30	2	0	3	1	5	1	1	2	3	10/04
82N12	2005	1283	11	448356	5715098	51.58458	-117.74540	1256	6		0	4	8	0	0	130	4.0	35	2	0	1	1	5	1	1	3	3	10/04
82N12	2005	1284	11	447078	5713161	51.56704	-117.76355	1205	6	10	0	2	8	0	8	130			0	0	1	1	5	1	1	3	3	10/04
82N12	2005	1285	11	447078	5713161	51.56704	-117.76355	1205	6	20	0	2	8	0	8	130			0	0	1	1	5	1	1	3	3	10/04
82N12	2005	1286	11	448927	5716872	51.60058	-117.73742	1121	6		0	3	8	0	0	310	2.2	15	2	0	1	1	5	1	1	3	1	10/04
82N12	2005	1287	11	452923	5717775	51.60904	-117.67985	1661	6		0	2	8	0	0	220	2.2	10	2	0	3	3	5	1	1	1	1	10/04
82N12	2005	1288	11	453218	5717782	51.60913	-117.67558	1590	6		0	2	8	0	0	130	4.0	50	1	0	2	3	5	1	1	3	1	10/04
82N12	2005	1290	11	453076	5718582	51.61631	-117.67774	1531	6		0	4	8	0	0	220	1.0	20	2	0	3	1	5	1	1	2	1	10/04
82N01	2005	1291	11	545412	5664278	51.12816	-116.35103	1514	1		0	0	8	0	0	310			2	0	1	1	5	1	2	1	1	10/05
82N01	2005	1292	11	544855	5664237	51.12784	-116.35900	1604	1		0	0	8	0	0	310	8.0		1	0	3	1	5	1	2	1	2	10/05
82N01	2005	1293	11	545073	5665455	51.13878	-116.35572	1568	6		0	1	6	0	0	310	0.2	5	6	0	1	1	5	1	2	1	1	10/05
82N01	2005	1294	11	545755	5665471	51.13886	-116.34598	1643	1		0	0	8	0	1	311	0.1		2	0	3	1	5	1	2	1	2	10/05
82N01	2005	1295	11	545622	5666599	51.14902	-116.34774	1570	1		0	0	8	0	0	310	3.0		2	0	3	1	5	1	2	2	2	10/05
82N01	2005	1296	11	545429	5666958	51.15226	-116.35045	1569	6		0	2	8	0	0	131	4.0	20	2	0	3	3	5	1	1	2	3	10/05
82N01	2005	1297	11	545324	5667097	51.15352	-116.35193	1583	6		0	2	6	0	0	220	4.0	40	2	0	3	1	5	1	1	3	1	10/05
82N01	2005	1298	11	547609	5661845	51.10611	-116.31995	1643	6		0	2	8	0	8	310	0.1	5	2	0	3	1	5	1	1	1	1	10/05
82N01	2005	1299	11	547076	5659349	51.08371	-116.32790	1454	6		0	2	8	0	8	220	1.5	10	7	0	3	1	5	1	1	2	1	10/05
82N01	2005	1300	11	548441	5662791	51.11455	-116.30795	1655	6		0	2	8	0	0	220	1.0	10	2	0	3	1	5	1	1	1	1	10/05
82N01	2005	1302	11	549538	5663613	51.12185	-116.29216	1747	1		0	0	8	0	0	311	1.0		2	0	3	1	5	1	2	1	2	10/05
82N01	2005	1303	11	549744	5664754	51.13209	-116.28907	1841	6	10	0	2	6	0	0	130	3.0	20	2	0	3	3	5	1	1	1	1	10/05
82N01	2005	1304	11	549744	5664754	51.13209	-116.28907	1841	6	20	0	2	6	0	0	130	3.0	20	2	0	3	3	5	1	1	1	1	10/05
82N01	2005	1305	11	553240	5655339	51.04712	-116.24049	1574	6		0	2	8	0	8	220	0.6	10	7	0	3	1	5	1	1	1	1	10/05
82N01	2005	1306	11	553550	5655357	51.04725	-116.23607	1553	6		0	3	8	0	8	220	4.0	40	2	0	1	1	5	1	1	3	1	10/05
82N01	2005	1307	11	554067	5654542	51.03988	-116.22881	1639	6		0	2	8	0	8	310	1.0	7	7	0	3	1	5	1	1	1	1	10/05
82N01	2005	1308	11	554081	5654746	51.04170	-116.22859	1622	6		0	2	8	0	1	220	2.8	20	2	0	1	1	5	1	1	1	1	10/05
82N01	2005	1309	11	557601	5652525	51.02139	-116.17873	1670	6		0	3	8	0	1	220	2.5	15	2	0	1	1	5	1	1	1	1	10/05
82N01	2005	1310	11	557963	5652439	51.02058	-116.17358	1711	6		0	3	2	0	0	310	4.0	25	2	0	1	1	5	1	1	1	1	10/05
82N01	2005	1311	11	556785	5651398	51.01135	-116.19055	1502	6		0	2	8	0	8	310	1.0	10	2	0	3	1	5	1	1	2	1	10/05

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
82N02	2005	1313	11	529707	5651814	51.01712	-116.57649	953	6		0	0	6	0	2	310	0.1	5	2	0	3	1	5	1	1	1	1	10/05
82N02	2005	1314	11	518700	5652863	51.02702	-116.73334	1140	6		0	1	8	0	8	220	3.0	10	7	0	3	3	5	1	1	2	1	10/05
82N02	2005	1315	11	514301	5650383	51.00484	-116.79618	1217	6		0	2	6	0	8	220	1.0	15	2	0	1	1	5	1	1	2	1	10/05
82N02	2005	1316	11	504026	5652538	51.02438	-116.94260	1639	6		0	3	8	0	8	220	2.8	20	2	0	3	1	5	1	1	1	1	10/05
82N02	2005	1317	11	502979	5652128	51.02071	-116.95753	1640	6		0	3	6	0	8	310	8.0	60	2	0	1	1	5	1	1	3	1	10/05
82N02	2005	1318	11	503342	5651968	51.01927	-116.95235	1708	6		0	2	8	0	8	220	1.0	10	2	0	2	2	5	1	1	3	1	10/05
82N02	2005	1319	11	500494	5655207	51.04840	-116.99296	1587	6		0	3	6	0	0	220	2.0	20	2	0	3	1	5	1	1	1	1	10/05
82N03	2005	1320	11	498368	5654691	51.04376	-117.02327	1585	6		0	2	6	0	1	220	1.0	35	2	0	3	1	5	1	1	1	1	10/05
82N03	2005	1322	11	499111	5654428	51.04139	-117.01267	1631	6	10	0	0	8	0	0	310			0	0	1	1	5	1	1	1	1	10/05
82N03	2005	1323	11	499111	5654428	51.04139	-117.01267	1631	6	20	0	0	8	0	0	310			0	0	1	1	5	1	1	1	1	10/05
82N03	2005	1324	11	496672	5653697	51.03481	-117.04746	1624	6		0	3	8	0	1	311	1.0	20	2	0	3	1	5	1	1	2	1	10/05
82N03	2005	1326	11	497865	5653723	51.03505	-117.03044	1676	6		0	2	6	0	0	220	1.2	15	7	0	3	2	5	1	1	2	1	10/05
82N03	2005	1327	11	494556	5651729	51.01710	-117.07761	1733	6		0	4	6	8	0	310	10.0	60	2	0	1	1	5	1	1	3	1	10/05
82N03	2005	1328	11	494926	5652720	51.02601	-117.07235	1666	6		0	3	6	0	0	220	3.3	25	2	0	1	1	5	1	1	3	1	10/05
82N03	2005	1329	11	492472	5651388	51.01401	-117.10732	1796	6		0	4	8	0	0	220	3.0	20	2	0	1	1	5	1	1	2	1	10/05
82N03	2005	1330	11	493671	5651309	51.01331	-117.09022	1833	6		0	1	8	0	0	310	0.3	10	2	0	1	1	5	1	1	1	1	10/05
82N03	2005	1331	11	491688	5650331	51.00449	-117.11846	1835	6		0	3	6	0	0	220	7.0	30	2	0	3	1	5	1	1	3	1	10/05
82N03	2005	1332	11	491994	5650406	51.00517	-117.11411	1881	6		0	3	8	0	0	220	1.0	15	2	0	3	1	5	1	1	1	1	10/05
82N03	2005	1333	11	477992	5651228	51.01219	-117.31372	1613	6		0	3	6	0	0	130	10.0	20	2	0	3	1	5	1	1	2	3	10/05
82N03	2005	1334	11	478101	5650712	51.00756	-117.31213	1680	6		0	2	8	0	0	220	2.0	10	2	0	3	1	5	1	1	1	1	10/05
82N03	2005	1335	11	483496	5653366	51.03161	-117.23537	1292	6		0	4	8	0	1	130	6.0	60	2	0	1	1	5	1	1	3	1	10/05
82N03	2005	1336	11	483080	5654208	51.03917	-117.24133	1308	6		0	2	8	0	1	220	2.5	25	2	0	1	1	5	1	1	3	1	10/05
82N02	2005	1337	11	502744	5669564	51.17750	-116.96074	1644	6		0	3	8	0	8	311	3.0	15	2	0	1	1	5	1	1	1	1	10/05
82N02	2005	1338	11	501629	5669622	51.17802	-116.97669	1672	6		0	3	8	0	0	220	2.3	25	2	0	3	1	5	1	1	2	1	10/05
82N02	2005	1339	11	501190	5668454	51.16751	-116.98298	1878	6		0	2	8	0	0	220	2.5	20	2	0	3	1	5	1	1	1	1	10/05
82N02	2005	1340	11	501653	5668421	51.16722	-116.97636	1908	6		0	2	8	0	0	311	3.5	20	2	0	3	1	5	1	1	2	1	10/05
82N07	2005	1342	11	500891	5691670	51.37628	-116.98720	1025	6		0	2	8	0	1	310	0.3	5	7	0	3	1	5	1	1	1	1	10/06
82N07	2005	1343	11	500060	5694082	51.39797	-116.99914	901	6		0	3	8	0	1	220	0.7	10	2	0	3	1	5	1	1	2	1	10/06
82N07	2005	1344	11	501744	5698884	51.44114	-116.97491	867	6		0	2	8	0	1	310	1.0	8	2	0	3	1	5	1	1	1	1	10/06
82N07	2005	1345	11	501139	5697425	51.42803	-116.98362	899	6	10	0	3	8	0	1	310	2.0	20	1	0	3	2	5	1	1	2	1	10/06
82N07	2005	1346	11	501139	5697425	51.42803	-116.98362	899	6	20	0	3	8	0	1	310	2.0	20	1	0	3	2	5	1	1	2	1	10/06
82N06	2005	1347	11	498694	5700890	51.45918	-117.01880	961	6		0	2	8	0	3	220	1.2	10	2	0	3	1	5	1	1	1	1	10/06
82N06	2005	1348	11	493961	5702409	51.47281	-117.08695	1057	6		0	2	8	0	1	220	1.2	10	2	0	3	1	5	1	1	1	1	10/06
82N06	2005	1349	11	491243	5704706	51.49343	-117.12614	981	6		0	1	8	0	8	220	1.0	10	7	0	3	3	5	1	1	1	1	10/06
82N07	2005	1350	11	502912	5704874	51.49500	-116.95805	921	6		0	2	8	0	1	220	0.8	10	2	0	1	1	5	1	1	1	1	10/06
82N07	2005	1351	11	502610	5703845	51.48575	-116.96241	919	6		0	2	8	0	1	220	0.3	5	2	0	3	1	5	1	1	2	1	10/06
82N07	2005	1352	11	504784	5701162	51.46161	-116.93114	1174	6		0	3	8	0	8	220	1.0	10	2	0	3	1	5	1	1	1	1	10/06
82N07	2005	1353	11	506606	5699853	51.44982	-116.90494	1449	6		0	3	8	0	1	220	1.0	10	2	0	3	1	5	1	1	1	1	10/06
82N07	2005	1355	11	508075	5698536	51.43796	-116.88382	1631	6		0	3	8	0	1	310	2.0	8	2	5	3	1	5	1	1	1	1	10/06
82N07	2005	1356	11	506655	5699038	51.44250	-116.90425	1550	6		0	2	8	0	1	220	1.5	5	1	0	1	1	5	1	1	1	1	10/06

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
82N07	2005	1357	11	508122	5697616	51.42969	-116.88317	1662	6		0	3	8	0	8	220	3.0	30	2	0	1	1	5	1	1	1	1	10/06
82N07	2005	1358	11	508348	5697813	51.43145	-116.87991	1666	6		0	3	8	0	1	310	3.0	30	5	0	1	1	5	1	1	1	1	10/06
82N07	2005	1359	11	511614	5700997	51.46002	-116.83283	1514	6		0	3	8	0	0	220	2.5	40	7	0	3	1	5	1	1	2	1	10/06
82N07	2005	1360	11	511812	5701139	51.46130	-116.82997	1517	6		0	3	8	0	0	220	7.0	30	2	0	3	1	5	1	1	2	1	10/06
82N07	2005	1362	11	516625	5701756	51.46673	-116.76066	1776	6		0	3	8	0	0	220	3.0	25	2	0	3	1	5	1	1	1	1	10/06
82N07	2005	1363	11	516523	5701530	51.46470	-116.76215	1773	6		0	2	8	0	0	220	3.5	20	2	0	3	1	5	1	1	1	1	10/06
82N07	2005	1364	11	504852	5689527	51.35699	-116.93031	1348	6		0	3	8	0	1	310	7.0	15	2	0	1	1	5	1	1	1	1	10/06
82N07	2005	1365	11	508071	5688563	51.34829	-116.88410	1581	6		0	3	8	0	0	310	2.0	30	2	0	3	1	5	1	1	2	1	10/06
82N07	2005	1366	11	508270	5688500	51.34772	-116.88126	1661	6		0	2	6	0	0	310	2.0	10	2	0	1	1	5	1	1	1	1	10/06
82N07	2005	1367	11	509191	5683068	51.29885	-116.86816	929	6		0	2	8	0	1	310	1.2	10	2	0	3	1	5	1	1	2	1	10/06
82N07	2005	1368	11	511749	5682179	51.29081	-116.83150	913	6		0	3	6	0	0	310	4.0	20	2	0	3	1	5	1	1	3	1	10/06
82N07	2005	1369	11	512248	5682167	51.29070	-116.82436	916	6		0	3	8	8	1	310	1.0	10	2	8	1	1	5	1	1	1	1	10/06
82N07	2005	1370	11	514547	5682967	51.29784	-116.79134	1227	6		0	3	8	0	0	310	0.5	6	5	1	1	1	5	1	1	1	1	10/06
82N07	2005	1371	11	515863	5684340	51.31014	-116.77242	1219	6	10	0	3	8	0	8	220	2.5	20	2	0	1	1	5	1	1	2	1	10/06
82N07	2005	1372	11	515863	5684340	51.31014	-116.77242	1219	6	20	0	3	8	0	8	220	2.5	20	2	0	1	1	5	1	1	2	1	10/06
82N07	2005	1373	11	510322	5686425	51.32903	-116.85185	1686	6		0	2	3	0	0	220	0.5	10	2	0	1	1	5	1	1	2	1	10/06
82N07	2005	1374	11	510289	5686737	51.33183	-116.85231	1684	6		0	2	8	0	0	310	1.0	10	2	0	3	1	5	1	1	2	1	10/06
82N02	2005	1375	11	502016	5664301	51.13017	-116.97119	1628	6		0	3	8	0	8	310	1.0	20	2	0	1	1	5	1	1	1	1	10/06
82N03	2005	1376	11	491668	5665416	51.14014	-117.11909	1697	6		0	3	6	0	8	220	1.8	15	2	0	1	1	5	1	1	1	1	10/06
82N03	2005	1377	11	491046	5666680	51.15150	-117.12803	1461	6		0	3	6	0	1	220	4.0	25	2	0	1	1	5	1	1	1	1	10/06
82N03	2005	1379	11	492660	5659925	51.09078	-117.10481	1769	6		0	3	6	0	0	220	1.0	20	2	0	3	1	5	1	1	1	1	10/06
82N03	2005	1380	11	490831	5661391	51.10393	-117.13095	1534	6		0	3	8	0	8	310	3.0	25	2	0	1	1	5	1	1	2	1	10/06
82N03	2005	1382	11	493335	5658193	51.07521	-117.09514	1987	6		0	3	6	0	0	220	5.0	20	2	0	1	1	5	1	1	2	1	10/06
82N03	2005	1384	11	492775	5657907	51.07264	-117.10313	1947	6	10	0	3	6	0	8	220	3.0	30	2	0	3	1	5	1	1	3	1	10/06
82N03	2005	1385	11	492775	5657907	51.07264	-117.10313	1947	6	20	0	3	6	0	8	221	3.0	30	2	0	3	1	5	1	1	3	1	10/06
82N03	2005	1386	11	488335	5657221	51.06639	-117.16647	1716	6		0	3	8	0	1	310	1.0	10	2	0	3	1	5	1	1	1	0	10/06
82N03	2005	1387	11	488518	5656824	51.06283	-117.16385	1720	6		0	3	6	0	1	220	3.5	20	2	0	1	1	5	1	1	1	1	10/06
82N03	2005	1388	11	488859	5656819	51.06279	-117.15899	1670	6		0	3	6	0	1	220	4.0	40	2	0	1	1	5	1	1	3	1	10/06
82N03	2005	1389	11	485528	5660134	51.09253	-117.20665	1937	6		0	2	6	0	0	130	3.0	30	1	0	3	3	5	1	1	2	3	10/06
82N03	2005	1390	11	485229	5660305	51.09406	-117.21093	1990	6		0	3	8	0	1	311	3.0	10	2	0	3	1	5	1	1	1	1	10/06
82N02	2005	1391	11	511449	5666775	51.15231	-116.83630	863	6		0	2	8	0	8	220	2.0	30	3	0	1	1	5	1	1	1	1	10/07
82N02	2005	1392	11	508639	5669218	51.17433	-116.87642	874	6		0	3	8	0	1	311	5.0	30	2	0	3	1	5	1	1	2	1	10/07
82N02	2005	1393	11	506066	5670608	51.18686	-116.91320	1032	6		0	2	8	0	8	221	1.5	15	2	0	3	3	5	1	1	2	1	10/07
82N02	2005	1394	11	504676	5671412	51.19410	-116.93308	1094	6		0	1	8	0	1	220	3.0	30	7	0	4	3	5	1	1	1	1	10/07
82N02	2005	1395	11	500444	5674130	51.21856	-116.99365	1216	6		0	3	8	0	1	310	3.5	20	2	0	1	1	5	1	1	2	1	10/07
82N03	2005	1396	11	494097	5674620	51.22294	-117.08453	1844	6		0	3	8	0	0	220	1.3	15	1	1	3	1	5	1	1	1	1	10/07
82N03	2005	1397	11	495318	5674677	51.22346	-117.06705	1599	6		0	3	6	0	0	220	2.0	30	2	0	1	1	5	1	1	2	1	10/07
82N03	2005	1398	11	493487	5673754	51.21515	-117.09325	1893	6		0	2	8	0	0	220	2.3	25	3	0	3	3	5	1	1	2	1	10/06
82N03	2005	1399	11	493665	5673704	51.21469	-117.09071	1886	6		0	2	8	0	0	220	3.0	25	2	0	3	3	5	1	1	1	1	10/07
82N03	2005	1400	11	490670	5676831	51.24277	-117.13367	1849	6		0	3	8	0	0	220	7.0	35	2	0	1	1	5	1	1	2	1	10/07

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
82N03	2005	1402	11	490150	5677324	51.24720	-117.14112	1830	6		0	3	8	0	0	220	1.5	15	2	0	1	1	5	1	1	1	1	10/07
82N03	2005	1403	11	490080	5676950	51.24383	-117.14212	1831	6	10	0	2	8	0	0	220	4.0	30	2	0	1	1	5	1	1	2	1	10/07
82N03	2005	1404	11	490080	5676950	51.24383	-117.14212	1831	6	20	0	2	8	0	0	220	4.0	30	2	0	1	1	5	1	1	2	1	10/07
82N06	2005	1405	11	487626	5681181	51.28183	-117.17742	1913	6		0	2	8	0	0	130	4.0	20	2	0	3	3	5	1	1	2	1	10/07
82N06	2005	1406	11	487712	5681635	51.28591	-117.17620	1884	6		0	3	8	0	0	220	6.0	35	2	0	1	1	5	1	1	2	1	10/07
82N06	2005	1407	11	488239	5681041	51.28058	-117.16863	1945	6		0	2	8	0	0	220	1.2	10	2	0	3	3	5	1	1	2	1	10/07
82N06	2005	1408	11	491875	5679792	51.26942	-117.11646	1736	1		0	0	6	0	0	310	1.2		2	0	3	1	5	1	2	1	2	10/07
82N06	2005	1409	11	490028	5681568	51.28536	-117.14299	1748	6		0	2	6	0	0	220	3.0	20	2	0	3	1	5	1	1	1	1	10/07
82N03	2005	1410	11	484599	5677284	51.24671	-117.22066	1953	6		0	2	8	0	0	310	3.0	40	1	0	3	3	5	1	1	2	1	10/07
82N03	2005	1411	11	484320	5677597	51.24952	-117.22467	1980	6		0	2	8	0	0	220	6.0	15	2	0	3	3	5	1	1	3	1	10/07
82N03	2005	1413	11	483218	5676675	51.24119	-117.24041	1924	6		0	1	8	0	0	310	0.3	4	3	0	3	1	5	1	1	1	1	10/07
82N03	2005	1414	11	484002	5676568	51.24026	-117.22918	1993	6		0	2	6	0	0	220	1.5	5	2	0	3	1	5	1	1	1	1	10/07
82N03	2005	1415	11	482170	5675324	51.22901	-117.25536	1892	6		0	2	6	0	0	220	1.2	15	1	0	3	1	5	1	1	1	1	10/07
82N03	2005	1416	11	483017	5676087	51.23590	-117.24327	1921	6		0	2	6	0	0	220	4.0	15	2	0	3	1	5	1	1	1	1	10/07
82N03	2005	1417	11	480465	5673412	51.21177	-117.27968	1780	6		0	2	6	0	0	310	4.0	10	2	0	3	1	5	1	1	1	1	10/07
82N03	2005	1418	11	487202	5674001	51.21726	-117.18324	1975	6		0	2	8	0	0	311	3.0	20	2	0	1	1	5	1	1	1	1	10/07
82N03	2005	1419	11	487874	5673413	51.21198	-117.17360	1960	6		0	2	8	0	0	310	5.0	4	2	0	3	1	5	1	1	1	1	10/07
82N03	2005	1420	11	489412	5671061	51.19087	-117.15152	1857	6		0	3	8	0	0	311	1.5	20	2	0	1	1	5	1	1	2	1	10/07
82N03	2005	1422	11	479840	5677460	51.24815	-117.28884	1933	6		0	2	8	0	0	311	5.0	15	2	0	3	1	5	1	1	1	1	10/07
82N03	2005	1423	11	480462	5677232	51.24612	-117.27993	1909	6		0	2	6	0	0	220	1.3	15	2	0	3	3	5	1	1	1	1	10/07
82N06	2005	1425	11	479498	5678837	51.26052	-117.29382	1943	6		0	2	8	0	0	311	4.0	20	1	0	3	3	5	1	1	2	1	10/07
82N06	2005	1426	11	479892	5678693	51.25923	-117.28818	1964	6	10	0	2	6	0	0	220	3.5	15	2	0	3	3	5	1	1	1	1	10/07
82N06	2005	1427	11	479892	5678693	51.25923	-117.28818	1964	6	20	0	2	6	0	0	220	3.5	15	2	0	3	3	5	1	1	1	1	10/07
82N06	2005	1428	11	476566	5694754	51.40353	-117.33690	1767	6		0	3	8	0	0	310	1.0	8	7	0	2	1	5	1	1	1	1	10/07
82N06	2005	1429	11	476387	5693922	51.39604	-117.33940	1942	6		0	3	6	0	0	220	3.0	20	2	0	1	1	5	1	1	1	1	10/07
82N06	2005	1430	11	476664	5696428	51.41858	-117.33559	1582	6		0	2	6	0	0	220	3.0	20	2	0	3	1	5	1	1	1	1	10/07
82N06	2005	1431	11	491974	5691831	51.37767	-117.11532	1217	6		0	3	8	0	2	220	5.0	40	2	0	1	1	5	1	1	3	1	10/08
82N11	2005	1432	11	498722	5706989	51.51402	-117.01842	1352	6		0	3	8	1	0	220	4.0	15	2	0	3	1	5	1	1	2	1	10/08
82N11	2005	1433	11	498407	5706169	51.50665	-117.02295	1406	6		0	3	8	0	0	310	10.0	18	2	0	3	1	5	1	1	2	1	10/08
82N11	2005	1434	11	493804	5708328	51.52603	-117.08931	1360	6		0	3	8	0	8	220	2.5	20	2	0	1	1	5	1	1	3	1	10/08
82N11	2005	1435	11	474099	5720501	51.63492	-117.37425	1130	6		0	3	8	0	1	310	10.0	15	1	0	3	3	5	1	1	2	1	10/08
82N12	2005	1436	11	439417	5718526	51.61450	-117.87499	1356	6		0	3	8	0	1	220	1.5	20	2	0	3	1	5	1	1	1	1	10/08
82N12	2005	1437	11	457260	5711927	51.55681	-117.61651	1624	6		0	2	8	0	0	220	4.0	20	2	0	3	3	5	1	1	2	1	10/08
82N12	2005	1438	11	457059	5711561	51.55350	-117.61936	1588	6		0	3	8	0	0	130	12.0	25	1	0	1	1	5	1	1	3	3	10/08
82N12	2005	1439	11	458358	5709849	51.53820	-117.60042	1506	6		0	3	8	0	8	310	4.0	40	2	0	1	1	5	1	1	3	1	10/08
82N12	2005	1440	11	450210	5707071	51.51257	-117.71750	2083	6		0	3	8	0	0	220	1.0	10	0	0	3	1	5	1	1	1	1	10/08
82N12	2005	1442	11	450275	5706936	51.51136	-117.71655	2079	6		0	3	8	0	0	130	4.0	18	1	0	3	1	5	1	1	3	3	10/08
82N12	2005	1443	11	451909	5706303	51.50582	-117.69292	1979	6		0	3	6	0	0	310	1.8	20	2	0	3	1	5	1	1	1	1	10/08
82N05	2005	1444	11	453022	5702606	51.47266	-117.67640	1510	6		0	3	8	0	0	130	8.0	20	1	0	3	3	5	1	1	3	3	10/09
82N05	2005	1445	11	453508	5702525	51.47197	-117.66938	1626	6		0	2	8	0	0	310	1.3	35	2	0	3	1	5	1	1	1	1	10/09

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
82N05	2005	1446	11	453082	5703165	51.47769	-117.67560	1530	6		0	2	8	0	0	130	7.0	15	7	0	2	4	5	1	1	3	3	10/09
82N05	2005	1447	11	455321	5704079	51.48609	-117.64348	1546	6		0	3	8	0	0	130	4.0	20	7	0	3	1	5	1	1	3	3	10/09
82N05	2005	1448	11	454563	5704431	51.48920	-117.65444	1514	6	10	0	2	8	1	0	220	5.0	40	7	0	3	3	5	1	1	3	1	10/09
82N05	2005	1449	11	454563	5704431	51.48920	-117.65444	1514	6	20	0	2	8	1	0	220	5.0	40	7	0	3	3	5	1	1	3	1	10/09
82N05	2005	1451	11	457202	5705047	51.49495	-117.61650	1523	6		0	3	8	0	0	130	1.0	10	2	0	1	1	5	1	1	1	3	10/09
82N05	2005	1452	11	458675	5705526	51.49936	-117.59535	1373	6		0	3	8	0	0	310	3.0	25	2	0	3	1	5	1	1	1	1	10/09
82N05	2005	1453	11	459185	5700870	51.45754	-117.58745	1768	6		0	3	8	0	0	310	0.7	15	2	0	1	1	5	1	1	1	1	10/09
82N05	2005	1454	11	458812	5700816	51.45702	-117.59282	1719	6		0	2	8	0	0	130	5.0	60	2	0	3	3	5	1	1	2	3	10/09
82N05	2005	1455	11	431861	5700648	51.45291	-117.98065	1315	6		0	2	6	0	0	130	5.0	20	1	0	3	2	5	1	1	3	3	10/09
82N05	2005	1456	11	431820	5701426	51.45990	-117.98140	1315	1		0	0	8	0	1	310	2.0		2	0	1	1	5	1	2	1	2	10/09
82N05	2005	1457	11	432948	5699665	51.44420	-117.96482	1506	6		0	2	6	0	0	220	5.0	30	2	0	3	2	5	1	1	3	1	10/09
82N05	2005	1458	11	432845	5699404	51.44184	-117.96626	1527	6		0	3	6	0	0	130	5.0	20	2	0	3	1	5	1	1	3	3	10/09
82N05	2005	1459	11	437120	5694029	51.39401	-117.90379	1468	6		0	2	6	0	0	130	6.0	40	2	0	3	3	5	1	1	3	1	10/09
82N05	2005	1460	11	437329	5694284	51.39632	-117.90083	1513	6		0	1	8	0	0	220	0.3	5	7	0	3	1	5	1	1	1	1	10/09
82N05	2005	1462	11	437155	5694223	51.39576	-117.90334	1484	6	10	0	3	6	0	0	130	5.0	40	2	0	1	1	5	1	1	3	1	10/09
82N05	2005	1463	11	437155	5694223	51.39576	-117.90334	1484	6	20	0	3	6	0	0	130	5.0	40	2	0	1	1	5	1	1	3	1	10/09
82N05	2005	1464	11	439027	5692640	51.38173	-117.87615	1434	6		0	3	6	0	0	310	2.0	25	2	0	1	1	5	1	1	1	1	10/09
82N05	2005	1465	11	440802	5688753	51.34697	-117.85000	1246	6		0	3	8	0	0	220	1.0	8	2	0	3	1	5	1	1	1	1	10/09
82N05	2005	1466	11	439718	5689178	51.35067	-117.86564	1280	6		0	3	6	0	0	130	1.4	25	2	0	1	1	5	1	1	2	3	10/09
82N05	2005	1467	11	438556	5689443	51.35293	-117.88237	1296	6		0	3	6	0	0	130	4.0	40	5	0	3	1	5	1	1	3	3	10/09
82N05	2005	1468	11	438546	5689588	51.35423	-117.88253	1309	6		0	4	6	0	0	130	3.0	60	5	0	1	1	5	1	1	2	1	10/09
82N05	2005	1469	11	441861	5685948	51.32186	-117.83435	1169	6		0	3	6	0	0	130	3.5	30	2	0	1	1	5	1	1	2	3	10/09
82N05	2005	1470	11	442429	5685906	51.32154	-117.82619	1160	6		0	2	8	0	0	310	1.0	7	2	0	3	1	5	1	1	1	1	10/09
82N04	2005	1471	11	440358	5668141	51.16159	-117.85295	857	6		0	3	6	0	0	220	1.0	10	2	0	1	1	5	1	1	1	1	10/09
82N04	2005	1472	11	436438	5670616	51.18343	-117.90944	1185	6		0	2	6	0	1	220	1.0	15	2	0	3	1	5	1	1	1	1	10/09
82N04	2005	1473	11	433400	5674065	51.21409	-117.95353	1312	6		0	4	6	0	0	310	5.0	60	2	0	1	1	5	1	1	3	1	10/09
82N04	2005	1475	11	433102	5673838	51.21201	-117.95776	1316	6		0	4	6	0	0	310	8.0	50	2	0	1	1	5	1	1	2	1	10/09
82N04	2005	1476	11	436520	5670699	51.18418	-117.90827	1163	6		0	3	3	0	1	220	5.0	40	2	0	1	1	5	1	1	3	1	10/09
82N05	2005	1477	11	430982	5680524	51.27187	-117.98940	1558	6		0	2	8	0	1	220	2.0	30	2	0	1	1	5	1	1	1	1	10/09
82N05	2005	1478	11	430827	5680679	51.27325	-117.99165	1499	6		0	4	6	0	1	130	6.0	90	5	0	1	1	5	1	1	2	3	10/09
82N05	2005	1479	11	430538	5687390	51.33355	-117.99709	1356	6		2	3	6	0	0	130	2.0	35	2	0	1	1	5	1	1	2	3	10/09
82N05	2005	1480	11	430691	5687625	51.33569	-117.99494	1355	6		2	4	6	0	0	130	10.0	60	5	1	1	1	5	1	1	3	3	10/09
82N05	2005	1482	11	444798	5683769	51.30256	-117.79186	1133	6		0	2	8	0	0	130	4.0	60	2	0	3	3	5	1	1	3	3	10/09
82N05	2005	1483	11	443681	5685006	51.31357	-117.80808	1118	6		0	2	6	0	1	130	2.0	10	2	0	3	1	5	1	1	1	3	10/09
82N05	2005	1484	11	444108	5681683	51.28373	-117.80143	1047	6		0	3	6	0	0	130	1.2	20	2	0	3	1	5	1	1	1	3	10/09
82N05	2005	1485	11	444275	5682632	51.29228	-117.79919	1067	6	10	0	2	6	0	0	130	2.5	25	2	0	3	1	5	1	1	1	3	10/09
82N05	2005	1486	11	444275	5682632	51.29228	-117.79919	1067	6	20	0	2	6	0	0	130	2.5	25	2	0	3	1	5	1	1	1	3	10/09
82N05	2005	1487	11	443691	5678783	51.25762	-117.80695	1080	6		0	3	6	0	0	130	3.5	25	2	0	1	1	5	1	1	2	3	10/09
82N05	2005	1488	11	440533	5679062	51.25981	-117.85225	1179	6		0	3	6	0	0	130	4.3	27	2	0	1	1	5	1	1	1	3	10/09
82N05	2005	1489	11	440551	5679719	51.26571	-117.85210	1202	6		0	1	3	0	0	130	0.3	10	1	0	3	1	5	1	1	1	1	10/09

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
82N05	2005	1490	11	439307	5680380	51.27152	-117.87005	1300	6		0	4	6	0	0	130	10.0	25	2	0	1	1	5	1	1	3	3	10/09
82N05	2005	1492	11	439184	5680013	51.26822	-117.87174	1360	6		0	4	8	0	0	220	6.5	42	5	5	1	1	5	1	1	1	1	10/09
82N04	2005	1493	11	444040	5676964	51.24130	-117.80167	982	6		0	3	3	0	1	220	2.0	20	2	0	3	1	5	1	1	1	1	10/09
82N04	2005	1494	11	444924	5675523	51.22843	-117.78878	916	6		0	3	6	0	1	220	6.0	15	2	0	1	1	5	1	1	2	1	10/09
82N04	2005	1495	11	448068	5670985	51.18792	-117.74310	950	6		0	3	6	0	1	220	1.5	15	1	0	3	1	5	1	1	1	1	10/09
82N04	2005	1496	11	449227	5668545	51.16608	-117.72618	1085	6		3	3	6	0	0	310	5.1	35	2	0	3	1	5	1	1	1	1	10/09
82N04	2005	1497	11	450141	5666144	51.14458	-117.71277	1600	6		0	3	8	0	0	220	2.5	20	2	0	1	1	5	1	1	1	1	10/09
82N04	2005	1498	11	449563	5666071	51.14387	-117.72103	1371	6		0	3	8	0	0	310	5.3	14	1	0	1	1	5	1	1	2	1	10/09
82N04	2005	1499	11	450602	5664550	51.13029	-117.70596	1503	6		0	3	8	0	0	220	3.0	25	2	0	1	1	5	1	1	1	1	10/09
82N04	2005	1500	11	449817	5664355	51.12846	-117.71715	1565	6		0	4	8	0	0	310	2.6	42	2	0	1	1	5	1	1	1	1	10/09
82N04	2005	1502	11	441241	5661450	51.10153	-117.83923	1089	6		0	3	8	0	0	130	2.3	10	1	0	1	1	5	1	1	1	3	10/10
82N04	2005	1503	11	440149	5662028	51.10661	-117.85491	1023	6	10	0	3	6	0	0	130	4.0	40	2	0	1	1	5	1	1	1	3	10/10
82N04	2005	1504	11	440149	5662028	51.10661	-117.85491	1023	6	20	0	3	6	0	0	130	4.0	40	2	0	1	1	5	1	1	1	3	10/10
82N04	2005	1505	11	444105	5659665	51.08576	-117.79805	1107	6		0	3	6	0	0	130	3.6	30	2	0	3	1	5	1	1	1	3	10/10
82N04	2005	1506	11	442229	5660689	51.09479	-117.82499	1084	6		0	2	6	0	0	220	4.0	20	2	0	3	1	5	1	1	1	1	10/10
82N04	2005	1507	11	448022	5658630	51.07682	-117.74198	1585	6		0	3	8	0	0	130	1.2	10	2	0	1	1	5	1	1	1	3	10/10
82N04	2005	1508	11	447789	5658385	51.07460	-117.74526	1490	6		2	3	6	0	0	130	4.3	45	2	0	1	1	5	1	1	2	3	10/10
82N03	2005	1510	11	471696	5654265	51.03923	-117.40371	1182	6		2	3	6	0	0	130	10.0	60	4	0	1	1	5	1	1	3	3	10/10
82N03	2005	1511	11	471987	5654181	51.03849	-117.39955	1245	6		0	2	8	0	0	130	2.0	15	2	0	1	1	5	1	1	1	3	10/10
82N03	2005	1512	11	471961	5653517	51.03251	-117.39987	1170	6		0	3	6	0	0	130	3.0	40	2	0	1	1	5	1	1	1	3	10/10
82N03	2005	1513	11	471450	5652604	51.02428	-117.40709	1064	6		0	3	6	0	0	130	2.6	31	2	0	1	1	5	1	1	1	3	10/10
82N03	2005	1514	11	470472	5651253	51.01208	-117.42092	1034	6		0	3	6	0	0	130	2.5	15	2	0	3	1	5	1	1	1	3	10/10
82N03	2005	1515	11	469082	5650502	51.00526	-117.44067	984	6		0	4	6	0	0	130	12.0	60	2	0	1	1	5	1	1	2	3	10/10
82N03	2005	1516	11	467671	5650723	51.00717	-117.46080	963	6		0	3	6	0	0	130	3.5	40	2	0	3	1	5	1	1	2	3	10/10
82N03	2005	1517	11	466403	5652404	51.02221	-117.47903	854	6		0	3	6	0	0	130	2.8	23	2	0	1	1	5	1	1	2	3	10/10
82N04	2005	1518	11	461939	5650801	51.00752	-117.54250	895	6		0	3	6	0	0	130	2.5	20	2	0	3	1	5	1	1	2	3	10/10
82N04	2005	1519	11	460629	5650404	51.00386	-117.56113	877	6		0	2	6	0	0	130	2.3	31	2	0	1	1	5	1	1	2	3	10/10
82N04	2005	1520	11	454298	5651614	51.01428	-117.65150	1219	6		0	3	6	0	0	310	3.5	40	2	0	1	1	5	1	1	1	1	10/10
82N04	2005	1522	11	454559	5651772	51.01572	-117.64781	1155	6	10	0	3	6	0	0	220	13.0	35	2	0	3	1	5	1	1	2	0	10/10
82N04	2005	1523	11	454559	5651772	51.01572	-117.64781	1155	6	20	0	3	6	0	0	220	13.0	35	2	0	3	1	5	1	1	2	0	10/10
82N04	2005	1524	11	458791	5652399	51.02167	-117.58755	850	6		0	3	6	0	0	130	1.0	15	2	0	1	1	5	1	1	1	3	10/10
82N04	2005	1525	11	458193	5654217	51.03797	-117.59629	863	6		0	3	8	0	0	310	3.2	22	2	0	1	1	5	1	1	1	1	10/10
82N04	2005	1526	11	458875	5656366	51.05735	-117.58680	865	6		0	2	6	0	0	130	4.0	50	2	0	3	1	5	1	1	3	3	10/10
82N04	2005	1527	11	458402	5656613	51.05953	-117.59358	896	6		0	4	6	0	0	130	4.3	32	2	0	1	1	5	1	1	2	3	10/10
82N04	2005	1528	11	458580	5658617	51.07757	-117.59127	892	6		0	3	6	0	0	130	2.0	40	2	0	1	1	5	1	1	2	3	10/10
82N04	2005	1529	11	458997	5658873	51.07990	-117.58535	937	6		0	3	8	0	0	310	2.2	28	7	0	3	1	5	1	1	1	1	10/10
82N04	2005	1531	11	444256	5667708	51.15809	-117.79713	863	6		0	4	8	0	1	220	10.0	60	2	0	3	1	5	1	1	1	1	10/18
82N07	2005	2002	11	505920	5692226	51.38125	-116.91493	1625	6	10	0	2	6	0	2	310	2.5	20	2	0	1	1	5	1	1	1	1	09/04
82N07	2005	2003	11	505920	5692226	51.38125	-116.91493	1625	6	20	0	2	6	0	2	310	2.5	20	2	0	1	1	5	1	1	1	1	09/04
82N07	2005	2004	11	505860	5691990	51.37913	-116.91580	1631	1		0	0	8	0	1	310	3.0		1	0	3	1	5	1	2	1	1	09/04

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
82N07	2005	2005	11	505055	5691309	51.37301	-116.92738	1513	1		0	0	8	0	2	310	0.4		7	0	2	1	5	1	0	1	1	09/04
82N07	2005	2006	11	505034	5690884	51.36919	-116.92768	1453	6		1	1	8	0	2	220	0.3	5	7	0	2	1	5	1	0	1	1	09/04
82N13	2005	2008	11	448742	5755537	51.94817	-117.74580	894	6		0	3	8	0	1	220	3.0	30	2	0	1	1	5	1	1	2	1	09/05
82N13	2005	2009	11	444924	5756694	51.95821	-117.80153	829	6		0	2	8	0	1	310	2.0	10	1	1	3	1	5	1	1	2	1	09/05
82N13	2005	2010	11	442524	5756421	51.95552	-117.83641	880	6		0	2	8	0	1	130	0.3	5	7	0	2	1	5	1	2	1	1	09/05
82N13	2005	2011	11	439104	5755767	51.94928	-117.88606	878	6		0	2	8	0	1	310	1.5	15	1	0	3	1	5	1	1	1	1	09/05
82N13	2005	2012	11	437610	5749816	51.89561	-117.90670	935	6		0	2	8	0	8	310	3.0	10	2	0	1	1	5	1	1	1	1	09/05
82N13	2005	2013	11	438658	5748593	51.88473	-117.89126	829	6		0	3	8	0	8	310	0.8	10	2	0	1	1	5	1	1	1	1	09/05
82N13	2005	2014	11	441911	5746133	51.86297	-117.84359	747	6		0	2	8	0	1	310	0.5	10	2	0	1	1	5	1	1	1	1	09/05
82N13	2005	2015	11	443420	5744900	51.85203	-117.82148	780	6		0	3	8	0	1	310	2.0	20	2	0	1	1	5	1	1	2	1	09/05
82N13	2005	2016	11	445748	5743242	51.83736	-117.78742	760	6		0	2	8	0	1	310	2.5	10	1	0	1	1	5	1	1	2	1	09/05
82N13	2005	2017	11	446661	5742363	51.82955	-117.77403	738	6		0	2	8	0	1	310	1.7	10	2	0	3	1	5	1	1	2	1	09/05
82N13	2005	2018	11	448212	5741126	51.81856	-117.75135	748	6		0	1	2	2	1	220	1.5	5	0	2	2	1	5	0	0	1	1	09/05
82N13	2005	2019	11	451883	5738774	51.79775	-117.69776	741	6		0	2	8	0	1	310	1.0	25	2	0	3	1	5	1	1	2	1	09/05
82N13	2005	2020	11	453986	5737545	51.78687	-117.66711	807	6		0	2	8	0	1	220	20.0	5	7	0	2	1	5	1	2	1	1	09/05
82N11	2005	2022	11	493697	5726611	51.69042	-117.09119	1324	6		0	2	8	0	8	310	1.0	20	2	0	1	1	5	1	1	1	1	09/06
82N11	2005	2023	11	491789	5724587	51.67220	-117.11874	1304	6		0	2	8	0	8	220	3.0	20	1	0	1	1	5	1	1	1	1	09/06
82N11	2005	2024	11	490771	5724974	51.67566	-117.13348	1293	6		0	2	8	0	8	310	0.4	10	2	0	3	1	5	1	1	1	1	09/06
82N11	2005	2025	11	489070	5724050	51.66732	-117.15804	1208	6		0	2	8	0	8	130	1.5	10	1	0	1	2	5	1	1	3	1	09/06
82N11	2005	2027	11	486458	5724064	51.66739	-117.19581	1246	6		0	1	8	0	0	220	0.3	5	7	0	3	1	5	1	1	1	1	09/06
82N11	2005	2028	11	483179	5723948	51.66627	-117.24321	1264	6		0	2	8	0	0	310	1.2	15	2	0	1	1	5	1	1	1	1	09/06
82N11	2005	2029	11	481156	5723768	51.66458	-117.27247	1154	6		0	3	8	0	0	310	3.0	40	2	0	1	1	5	1	1	2	1	09/06
82N11	2005	2030	11	479990	5714348	51.57984	-117.28879	970	6	10	0	2	8	0	1	310	1.2	25	7	0	3	3	5	1	1	2	1	09/06
82N11	2005	2031	11	479990	5714348	51.57984	-117.28879	970	6	20	0	2	8	0	1	310	1.2	25	7	0	3	3	5	1	1	2	1	09/06
82N11	2005	2032	11	495856	5707065	51.51470	-117.05971	1676	6		0	2	8	0	1	220	1.5	5	2	0	3	1	5	1	1	1	1	09/06
82N11	2005	2033	11	493528	5707731	51.52066	-117.09328	1451	6		0	2	8	0	1	220	1.0	10	2	0	3	1	5	1	1	1	1	09/06
82N11	2005	2034	11	489999	5708444	51.52702	-117.14417	1165	6		0	1	2	0	1	310	1.0	5	7	0	3	1	5	1	1	1	1	09/06
82N12	2005	2035	11	460804	5709179	51.53235	-117.56508	1318	6		0	2	8	0	8	310	1.0	15	2	0	1	1	5	1	1	1	1	09/06
82N05	2005	2036	11	464370	5705474	51.49928	-117.51330	905	6		0	3	8	0	8	220	10.0	40	2	0	1	1	5	1	1	2	1	09/06
82N12	2005	2037	11	464504	5705595	51.50037	-117.51137	899	6		0	3	6	0	1	220	4.0	50	2	0	1	1	5	1	1	2	1	09/07
82N05	2005	2038	11	465129	5702978	51.47689	-117.50211	913	6		0	3	8	0	8	220	3.5	50	2	0	1	1	5	1	1	1	1	09/07
82N11	2005	2039	11	468986	5706153	51.50566	-117.44687	1088	6		0	2	8	0	1	310	0.8	10	2	0	1	1	5	1	1	1	1	09/07
82N06	2005	2040	11	471825	5703280	51.47997	-117.40572	1411	6		0	2	8	0	1	310	1.0	10	2	0	1	1	5	1	1	1	1	09/07
82N06	2005	2042	11	474340	5702972	51.47732	-117.36949	1129	6		0	2	6	0	1	220	2.0	10	2	0	1	1	5	1	1	1	1	09/07
82N06	2005	2043	11	476917	5693752	51.39453	-117.33178	1824	6		0	2	8	0	0	310	1.5	15	2	0	1	1	5	1	1	2	1	09/07
82N06	2005	2044	11	477374	5695517	51.41042	-117.32533	1636	6		0	2	8	0	1	310	4.0	15	2	0	1	1	5	1	1	2	1	09/07
82N06	2005	2045	11	475106	5698129	51.43381	-117.35811	1534	6		0	2	8	0	8	310	1.0	15	2	0	1	1	5	1	1	1	1	09/07
82N06	2005	2046	11	475592	5698758	51.43949	-117.35117	1425	6		0	3	8	0	8	220	2.5	40	2	0	1	1	5	1	1	1	1	09/07
82N06	2005	2047	11	474974	5699132	51.44283	-117.36009	1411	6		0	2	8	0	8	310	1.2	30	2	0	1	1	5	1	1	1	1	09/07
82N06	2005	2048	11	475406	5700107	51.45161	-117.35394	1364	6		0	2	8	0	8	310	0.5	5	2	0	3	1	5	1	1	1	1	09/07

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
82N07	2005	2049	11	511312	5681589	51.28552	-116.83780	1254	6		0	3	8	0	1	220	2.0	15	2	0	1	1	5	1	1	2	1	09/08
82N07	2005	2050	11	518755	5679036	51.26237	-116.73120	1057	6	10	0	2	8	0	1	310	1.0	10	1	0	1	1	5	1	1	2	1	09/08
82N07	2005	2051	11	518755	5679036	51.26237	-116.73120	1057	6	20	0	2	8	0	1	310	1.0	10	1	0	1	1	5	1	1	2	1	09/08
82N02	2005	2052	11	534713	5651433	51.01341	-116.50516	844	1		0	2	8	0	1	220	2.0	10	0	0	1	1	5	1	1	2	1	09/29
82N02	2005	2054	11	533299	5652465	51.02278	-116.52521	818	6		0	3	8	0	7	220	1.3	15	2	0	3	1	5	1	1	2	1	09/29
82N02	2005	2055	11	532171	5655542	51.05051	-116.54103	1103	6		0	2	6	0	6	130	1.2	10	2	0	3	1	5	1	1	2	1	09/29
82N02	2005	2056	11	529752	5657286	51.06632	-116.57540	1124	6		0	3	8	0	6	220	1.2	15	2	0	3	1	5	1	1	2	1	09/29
82N02	2005	2057	11	525987	5659945	51.09041	-116.62893	1033	6		0	2	8	0	1	310	0.8	15	2	0	3	1	5	1	1	2	1	09/28
82N02	2005	2058	11	523589	5661573	51.10516	-116.66306	1044	1		0	0	6	0	8	220			2	0	3	1	5	1	2	2	2	09/29
82N02	2005	2059	11	524244	5661221	51.10197	-116.65374	1058	6		0	2	8	0	8	220	0.3	10	2	0	4	1	5	1	1	1	1	09/29
82N02	2005	2060	11	521600	5663184	51.11973	-116.69138	987	6		0	3	6	0	6	310	1.0	8	1	0	3	1	5	1	1	2	1	09/29
82N02	2005	2062	11	520333	5664645	51.13291	-116.70940	1035	6		0	2	8	8	2	311	0.5	5	2	8	2	1	5	1	1	1	1	09/29
82N02	2005	2063	11	518178	5666037	51.14550	-116.74012	994	6		0	3	8	0	6	220	1.0	15	7	0	2	1	5	1	1	2	1	09/28
82N02	2005	2064	11	517143	5667077	51.15488	-116.75488	1012	6		0	1	8	0	2	310	0.4	6	7	0	4	1	5	1	3	2	1	09/29
82N02	2005	2065	11	515595	5668988	51.17211	-116.77693	1065	6	10	3	3	6	0	1	310	2.0	40	2	0	1	1	5	1	1	3	1	09/29
82N02	2005	2066	11	515595	5668988	51.17211	-116.77693	1065	6	20	3	3	6	0	1	310	2.0	40	2	0	1	1	5	1	1	3	1	09/29
82N02	2005	2067	11	513075	5670141	51.18254	-116.81293	1028	6		0	1	8	0	2	311	0.3	10	7	0	4	3	5	1	1	1	1	09/29
82N02	2005	2068	11	511117	5671626	51.19593	-116.84090	1023	6		0	1	8	0	1	310	0.2	5	7	0	4	3	5	1	3	1	1	09/29
82N02	2005	2069	11	524015	5652954	51.02764	-116.65755	1108	6		0	2	8	0	8	220	0.5	20	2	0	2	3	5	1	1	1	1	10/01
82N02	2005	2070	11	514478	5656583	51.06059	-116.79341	1220	6		0	1	8	0	8	220	1.0	10	2	0	4	3	5	1	1	1	1	10/01
82N02	2005	2071	11	503923	5661007	51.10054	-116.94397	1354	6		0	3	8	0	8	310	1.0	20	2	0	3	1	5	1	1	1	1	10/01
82N02	2005	2072	11	503320	5661354	51.10366	-116.95258	1337	6		0	4	8	0	8	310	1.2	20	2	0	3	1	5	1	1	1	1	10/01
82N02	2005	2074	11	510977	5657641	51.07018	-116.84332	1242	6		0	2	8	0	8	220	0.5	10	7	0	2	3	5	1	1	1	1	10/01
82N02	2005	2075	11	509164	5658867	51.08124	-116.86917	1260	6		0	3	8	0	8	220	0.5	10	2	0	2	3	5	1	1	1	1	10/01
82N02	2005	2076	11	507592	5659958	51.09107	-116.89160	1273	6		0	2	8	0	8	220	0.5	10	7	0	4	3	5	1	1	1	1	10/01
82N02	2005	2077	11	506447	5660299	51.09415	-116.90794	1268	6		0	2	8	0	8	220	0.3	10	2	0	4	3	5	1	1	1	1	10/01
82N02	2005	2078	11	504765	5661544	51.10537	-116.93194	1325	6		0	3	8	0	8	310	0.7	15	2	0	3	1	5	1	1	1	1	10/01
82N11	2005	2079	11	471413	5721060	51.63982	-117.41310	1047	6		0	3	8	0	8	310	1.5	10	2	0	3	1	5	1	1	1	1	10/02
82N11	2005	2080	11	468227	5724538	51.67092	-117.45946	982	6		0	3	8	0	8	220	0.5	15	1	0	3	1	5	1	1	1	1	10/02
82N01	2005	2082	11	541691	5661722	51.10547	-116.40451	1362	6		0	2	8	0	1	220	1.0	25	7	0	2	3	5	1	1	1	1	09/29
82N01	2005	2083	11	543214	5660511	51.09447	-116.38289	1314	6		0	2	8	0	1	220	0.3	10	7	0	4	1	5	1	2	1	1	09/29
82N01	2005	2085	11	544945	5661990	51.10763	-116.35798	1507	6	10	0	3	8	0	1	310	2.0	20	2	0	1	1	5	1	1	2	1	09/29
82N01	2005	2086	11	544945	5661990	51.10763	-116.35798	1507	6	20	0	3	8	0	1	310	2.0	20	2	0	1	1	5	1	1	2	1	09/29
82N01	2005	2087	11	551074	5659357	51.08344	-116.27083	1635	6		0	2	8	0	8	220	3.5	40	2	0	3	1	5	1	1	3	1	09/29
82N01	2005	2088	11	551097	5659302	51.08295	-116.27051	1630	6		3	2	8	0	2	220	3.0	20	2	0	3	2	5	1	1	2	1	09/29
82N01	2005	2089	11	550438	5658672	51.07734	-116.28000	1558	6		0	2	8	0	1	310	0.3	10	2	0	3	1	5	1	1	1	1	09/29
82N01	2005	2090	11	550154	5656382	51.05677	-116.28437	1440	1		0	0	8	0	1	310			2	0	3	1	5	1	2	1	1	09/29
82N01	2005	2091	11	539521	5658005	51.07219	-116.43590	1332	6		0	2	6	0	1	130	2.2	15	2	0	3	1	5	1	1	2	1	09/29
82N01	2005	2092	11	538610	5659269	51.08362	-116.44876	1244	6		0	3	6	0	1	310	2.0	20	2	0	3	1	5	1	1	2	1	09/29
82N01	2005	2093	11	537389	5660516	51.09492	-116.46607	1224	6		0	2	8	0	1	310	2.3	10	2	0	3	1	5	1	1	3	1	09/29

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
82N06	2005	2094	11	486205	5701042	51.46039	-117.19857	1049	6		0	2	8	0	8	310	3.0	20	2	0	3	3	5	1	1	2	1	09/30
82N06	2005	2095	11	487657	5698704	51.43939	-117.17759	1105	6		0	3	8	0	8	310	6.0	20	2	0	3	3	5	1	1	2	1	09/30
82N06	2005	2096	11	491422	5694205	51.39901	-117.12331	1158	6		0	4	8	0	8	220	6.0	20	2	0	1	1	5	1	1	2	1	09/30
82N13	2005	2097	11	465134	5735803	51.77202	-117.50531	961	6		0	3	8	0	8	310	1.5	50	2	0	3	1	5	1	1	1	1	09/30
82N13	2005	2098	11	462217	5735778	51.77161	-117.54759	731	6		0	3	8	0	5	220	1.0	20	2	0	2	1	5	1	1	1	1	09/30
82N13	2005	2099	11	461470	5736114	51.77458	-117.55844	755	6		0	3	8	0	8	310	1.5	20	2	0	3	1	5	1	1	3	1	09/30
82N13	2005	2100	11	458461	5736662	51.77929	-117.60213	750	6		0	4	8	0	8	220	4.0	40	1	0	1	1	5	1	1	3	1	09/30
82N13	2005	2102	11	457317	5736717	51.77970	-117.61871	730	6		0	3	6	0	8	220	1.7	30	1	0	3	1	5	1	1	4	1	09/30
82N13	2005	2103	11	454691	5737178	51.78364	-117.65683	796	6		0	3	8	0	8	220	1.2	30	2	0	3	1	5	1	1	1	1	09/30
82N02	2005	2104	11	523361	5656180	51.05667	-116.66667	984	6		0	2	8	0	8	310	0.7	8	1	0	2	1	5	1	1	1	1	10/01
82N02	2005	2105	11	518104	5658988	51.08211	-116.74153	1158	6		0	3	8	0	8	311	1.0	15	2	0	2	1	5	1	1	1	1	10/01
82N02	2005	2106	11	515132	5662636	51.11501	-116.78382	1082	6		0	3	8	0	8	310	0.8	15	1	0	3	1	5	1	1	1	1	10/01
82N02	2005	2107	11	513996	5663611	51.12380	-116.80000	1080	6		0	3	8	0	8	311	1.7	20	2	0	2	1	5	1	1	1	1	10/01
82N02	2005	2108	11	512649	5664824	51.13474	-116.81921	1056	6		0	3	6	0	8	310	1.5	25	2	0	3	1	5	1	1	1	1	10/01
82N13	2005	2109	11	439957	5745548	51.85749	-117.87186	1006	6	10	2	4	8	0	8	310	5.0	20	2	0	1	1	5	1	1	2	1	10/01
82N13	2005	2110	11	439957	5745548	51.85749	-117.87186	1006	6	20	2	4	8	0	8	310	5.0	20	2	0	1	1	5	1	1	2	1	10/01
82N13	2005	2111	11	442235	5743094	51.83567	-117.83838	853	6		2	3	8	8	8	130	12.0	25	2	0	1	1	5	1	1	3	3	10/01
82N13	2005	2112	11	443860	5741847	51.82463	-117.81460	846	6		3	3	3	0	8	130	15.0	50	2	0	1	1	5	1	1	2	3	10/01
82N13	2005	2113	11	448636	5738380	51.79392	-117.74478	855	6		3	3	3	0	8	130	12.0	70	2	0	1	1	5	1	1	3	3	10/01
82N13	2005	2114	11	451647	5734390	51.75831	-117.70057	790	6		0	4	8	0	8	310	3.0	30	2	0	1	1	5	1	1	2	1	10/01
82N13	2005	2116	11	451679	5733585	51.75108	-117.69999	792	6		0	3	8	0	8	220	6.0	18	1	0	1	1	5	1	1	2	1	10/01
82N12	2005	2117	11	452132	5732397	51.74044	-117.69328	887	6		0	2	8	0	8	220	1.5	6	2	0	1	1	5	1	1	2	1	10/01
82N12	2005	2118	11	455147	5728226	51.70318	-117.64908	973	6		0	4	8	1	8	220	3.0	15	1	1	1	1	5	1	1	1	1	10/01
82N12	2005	2119	11	456872	5727558	51.69731	-117.62402	972	6		0	3	8	0	8	310	6.0	17	1	0	1	1	5	1	1	2	1	10/01
82N12	2005	2120	11	458577	5725931	51.68282	-117.59917	1066	6		0	3	8	0	8	310	4.5	20	2	1	1	1	5	1	1	2	1	10/01
82N12	2005	2122	11	460989	5723304	51.65937	-117.56399	1070	6		0	3	8	0	8	220	10.0	25	2	0	1	1	5	1	1	2	1	10/01
82N12	2005	2123	11	462180	5722227	51.64976	-117.54665	1052	6		0	3	8	0	8	220	5.0	10	2	0	1	1	5	1	1	1	1	10/01
82N12	2005	2124	11	463860	5718791	51.61898	-117.52202	951	6	10	0	3	8	0	8	220	10.0	22	2	0	1	1	5	1	1	2	1	10/01
82N12	2005	2125	11	463860	5718791	51.61898	-117.52202	951	6	20	0	3	8	0	8	220	10.0	22	2	0	1	1	5	1	1	2	1	10/01
82N12	2005	2126	11	465338	5716964	51.60265	-117.50049	812	6		0	3	8	0	8	220	7.0	13	2	0	1	1	5	1	1	2	1	10/01
82N11	2005	2127	11	466176	5715386	51.58852	-117.48824	766	6		0	3	8	0	8	310	6.0	20	2	0	1	1	5	1	1	2	1	10/01
82N11	2005	2128	11	466882	5712605	51.56355	-117.47778	915	6		0	3	8	0	8	220	4.0	10	2	0	1	1	5	1	1	1	1	10/01
82N11	2005	2129	11	469116	5710386	51.54372	-117.44536	798	6		0	2	8	0	8	310	1.0	2	5	0	3	1	5	1	2	1	1	10/01
82N14	2005	2130	11	469402	5734954	51.76464	-117.44338	764	6		0	4	6	0	8	220	2.0	40	1	0	3	1	5	1	1	1	1	10/02
82N02	2005	2131	11	508392	5674057	51.21785	-116.87983	891	6		0	2	8	0	4	220	2.5	20	2	0	3	1	5	1	1	3	1	10/08
82N11	2005	2132	11	465887	5732205	51.73972	-117.49405	778	6		0	3	6	0	8	310	2.0	20	2	0	3	1	5	1	1	2	1	10/02
82N06	2005	2133	11	484170	5702647	51.47477	-117.22793	994	6		0	3	8	0	1	310	5.0	15	2	0	1	1	5	1	1	2	1	10/05
82N06	2005	2135	11	477688	5704001	51.48671	-117.32134	1113	6		0	3	8	0	1	310	4.0	15	0	0	1	1	5	1	1	2	1	10/05
82N11	2005	2136	11	476742	5707308	51.51641	-117.33519	759	6		0	2	8	0	8	310	1.5	4	2	0	1	1	5	1	1	1	1	10/05
82N01	2005	2137	11	546059	5650572	51.00487	-116.34353	1695	6		0	2	8	0	8	310	0.2	10	2	0	4	1	5	1	1	0	1	10/08

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
82N01	2005	2138	11	544083	5652357	51.02108	-116.37147	1658	6		0	2	8	0	8	310	0.5	15	2	0	3	1	5	1	1	1	1	10/08
82N01	2005	2139	11	542779	5654086	51.03673	-116.38987	1548	6		0	2	8	0	8	310	0.3	10	7	0	4	2	5	1	1	1	1	10/08
82N02	2005	2140	11	500856	5677003	51.24439	-116.98773	1152	6		0	1	8	0	8	310	2.0	30	7	0	3	3	5	1	1	2	1	10/08
82N03	2005	2142	11	483602	5670056	51.18169	-117.23461	1507	6		0	3	8	0	8	310	0.7	20	2	0	3	1	5	1	1	1	1	10/03
82N03	2005	2143	11	484291	5669249	51.17445	-117.22471	1502	6		0	3	8	0	8	310	1.5	20	2	0	3	1	5	1	1	1	1	10/03
82N03	2005	2144	11	484135	5671065	51.19078	-117.22702	1593	6		0	3	8	0	8	310	0.7	15	2	0	3	1	5	1	1	1	1	10/03
82N03	2005	2145	11	485690	5670286	51.18381	-117.20475	1589	6		0	3	8	0	8	311	1.0	10	0	0	3	1	5	1	1	1	1	10/03
82N03	2005	2146	11	486756	5665804	51.14353	-117.18932	1877	6		0	2	6	0	8	310	0.3	5	1	0	3	2	5	1	0	1	1	10/03
82N03	2005	2147	11	484854	5664613	51.13278	-117.21646	1828	6		0	3	6	0	8	310	1.5	20	2	0	3	1	5	1	1	1	1	10/03
82N03	2005	2148	11	484932	5662845	51.11689	-117.21528	1948	6		0	3	8	0	8	311	0.5	15	2	0	3	1	5	1	1	1	1	10/03
82N03	2005	2149	11	491096	5667370	51.15770	-117.12732	1434	6		0	3	6	0	8	311	1.3	15	2	0	3	1	5	1	1	3	1	10/03
82N03	2005	2150	11	490150	5668975	51.17212	-117.14089	1573	6		0	4	8	0	8	310	3.0	50	1	0	1	1	5	1	1	1	1	10/05
82N03	2005	2151	11	493403	5666346	51.14853	-117.09432	1491	6		0	3	8	0	8	220	4.0	20	2	0	3	1	5	1	1	1	1	10/05
82N03	2005	2152	11	499137	5664712	51.13387	-117.01233	1450	6		0	3	8	0	8	310	0.3	20	2	0	4	1	5	1	1	1	1	10/05
82N03	2005	2153	11	496468	5666227	51.14748	-117.05050	1607	6	10	0	4	6	0	8	130	3.0	40	2	0	1	1	5	1	1	2	1	10/05
82N03	2005	2154	11	496468	5666227	51.14748	-117.05050	1607	6	20	0	4	6	0	8	130	3.0	40	2	0	1	1	5	1	1	2	1	10/05
82N03	2005	2155	11	493143	5667720	51.16088	-117.09806	1685	6		0	3	8	0	8	310	1.0	25	1	0	3	1	5	1	1	1	1	10/05
82N03	2005	2157	11	492302	5668135	51.16460	-117.11009	1686	6		0	3	8	0	8	310	2.0	20	2	0	3	1	5	1	1	2	1	10/05
82N03	2005	2158	11	499936	5662657	51.11539	-117.00092	1343	6		0	3	8	0	8	310	1.2	20	7	0	4	1	5	1	1	2	1	10/05
82N03	2005	2159	11	498557	5662973	51.11823	-117.02061	1380	6		0	3	8	0	8	310	0.4	15	2	0	4	2	5	1	1	2	1	10/05
82N03	2005	2160	11	497144	5663340	51.12153	-117.04081	1385	6		0	4	8	0	8	220	1.3	20	2	0	2	1	5	1	1	2	1	10/05
82N07	2005	2162	11	519178	5677733	51.25063	-116.72521	1134	6		0	3	6	0	8	310	2.0	30	2	0	3	1	5	1	1	2	1	10/06
82N02	2005	2163	11	521545	5677032	51.24425	-116.69133	1088	6		0	3	6	0	8	220	1.2	20	2	0	3	1	5	1	1	2	1	10/06
82N02	2005	2164	11	534787	5662002	51.10845	-116.50309	1214	6		0	3	8	0	8	310	1.0	15	2	0	3	1	5	1	1	1	1	10/06
82N02	2005	2165	11	533618	5663007	51.11755	-116.51969	1215	6		0	3	8	0	8	220	1.0	15	2	0	3	1	5	1	1	1	1	10/06
82N02	2005	2167	11	532907	5663610	51.12302	-116.52978	1220	6		0	3	8	0	8	310	1.2	15	2	0	3	1	5	1	1	3	1	10/06
82N02	2005	2168	11	532139	5664446	51.13058	-116.54069	1221	6		0	3	6	0	8	220	1.5	15	2	0	3	1	5	1	1	2	1	10/06
82N02	2005	2169	11	531400	5665722	51.14209	-116.55114	1205	6	10	0	3	8	0	8	130	1.5	20	2	0	3	1	5	1	1	4	1	10/06
82N02	2005	2170	11	531400	5665722	51.14209	-116.55114	1205	6	20	0	3	8	0	8	130	1.5	20	2	0	3	1	5	1	1	4	1	10/06
82N02	2005	2171	11	531052	5666908	51.15277	-116.55601	1170	6		0	3	8	8	8	311	1.0	10	2	8	3	1	5	1	1	2	1	10/06
82N02	2005	2172	11	530148	5669210	51.17352	-116.56875	1187	6		0	3	8	0	8	130	2.0	20	2	0	3	1	5	1	1	2	1	10/06
82N02	2005	2173	11	526572	5672853	51.20646	-116.61963	1074	6		0	2	8	0	8	220	1.0	15	7	0	4	2	5	1	1	3	1	10/06
82N02	2005	2174	11	526015	5673063	51.20837	-116.62759	1100	6		0	3	6	0	8	310	2.5	35	1	0	3	1	5	1	1	3	1	10/06
82N02	2005	2175	11	507529	5676185	51.23699	-116.89216	891	6		0	1	8	0	8	310	0.2	5	2	0	3	3	5	1	0	2	1	10/07
82N07	2005	2176	11	516507	5679091	51.26293	-116.76342	1163	6		0	3	8	0	8	220	1.2	20	1	0	1	1	5	1	1	3	1	10/08
82N06	2005	2177	11	495169	5685548	51.32121	-117.06933	1229	6		0	3	8	0	0	310	1.0	15	2	0	3	1	5	1	1	1	1	10/08
82N06	2005	2178	11	495298	5683377	51.30169	-117.06745	1480	6		0	3	8	0	1	220	0.8	15	2	0	3	1	5	1	1	2	1	10/08
82N06	2005	2179	11	494573	5686285	51.32784	-117.07789	1196	6		0	3	8	0	2	311	6.0	40	2	0	1	1	5	1	1	3	1	10/08
82N06	2005	2180	11	493740	5688228	51.34530	-117.08989	1251	6		0	3	8	0	8	310	5.0	30	2	0	3	1	5	1	1	2	1	10/08
82N04	2005	2182	11	433139	5654069	51.03428	-117.95356	707	6	10	0	3	3	0	8	310	11.0	35	2	0	1	1	5	1	1	2	1	10/06

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
82N04	2005	2183	11	433139	5654069	51.03428	-117.95356	707	6	20	0	3	3	0	8	310	11.0	35	2	0	1	1	5	1	1	2	1	10/06
82N04	2005	2184	11	449270	5673254	51.20843	-117.72622	944	6		0	4	8	0	1	310	4.0	20	1	0	1	1	5	1	1	2	1	10/09
82N04	2005	2185	11	447922	5672541	51.20190	-117.74541	969	6		0	4	3	0	1	310	4.0	20	1	0	1	1	5	1	1	1	1	10/09
82N04	2005	2186	11	442567	5672504	51.20105	-117.82205	847	6		0	4	8	0	8	310	6.0	35	2	0	1	1	5	1	1	1	1	10/09
82N04	2005	2187	11	442191	5671682	51.19363	-117.82731	826	6		0	3	8	0	8	310	4.0	35	2	0	1	1	5	1	1	1	1	10/09
82N04	2005	2188	11	438720	5665553	51.13816	-117.87593	686	6		0	2	8	0	1	310	1.5	10	1	0	3	3	5	1	1	1	1	10/09
82N04	2005	2189	11	435261	5652356	51.01912	-117.92299	1047	6		0	3	8	0	0	220	10.0	25	2	0	3	1	5	1	0	2	1	10/10
82N04	2005	2190	11	435260	5652652	51.02177	-117.92306	1106	6		0	2	8	0	8	311	1.0	15	2	0	3	1	5	1	1	1	1	10/10
82N04	2005	2191	11	435221	5657165	51.06235	-117.92443	697	6		0	2	8	0	0	310	0.3	3	1	0	1	1	5	1	1	2	1	10/10

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
82N07	2005	1002	11	514182	5693621	6		1.65	0.19	2.7	24.3	0.39	1	0.05	5.93	32.2	20.0	27.42	5.3	0.9	3.79	9.1	18.72	1.21	521	10
82N07	2005	1003	11	513966	5693635	6		2.05	0.33	2.8	13.5	0.41	1	0.03	2.94	37.9	21.5	29.78	6.2	0.6	4.10	10.8	18.44	1.34	408	6
82N07	2005	1004	11	513079	5691822	6		1.06	0.14	2.1	29.1	0.24	1	0.03	11.78	19.1	12.6	16.03	3.1	0.9	2.58	10.7	10.72	1.64	551	14
82N07	2005	1005	11	514449	5688709	6		1.25	0.31	4.0	29.8	0.41	4	0.05	7.55	26.0	20.1	32.18	3.8	1.2	3.58	15.0	20.79	1.11	498	16
82N07	2005	1006	11	515738	5686540	6		0.85	0.22	2.6	40.5	0.41	3	0.07	5.95	21.2	20.1	31.24	2.4	1.0	3.49	16.6	20.95	0.77	598	17
82N07	2005	1007	11	513724	5688966	6		1.23	0.09	2.1	43.1	0.22	1	0.03	4.01	20.2	13.1	15.85	3.6	0.3	2.68	15.1	10.40	1.00	428	14
82N07	2005	1008	11	514091	5687072	6		1.33	0.08	1.7	99.7	0.17	1	0.04	1.35	19.9	10.6	13.65	3.6	0.4	2.51	16.9	8.99	0.89	558	14
82N14	2005	1009	11	474021	5756176	6		0.52	0.08	2.9	21.9	0.08	4	0.06	20.47	9.3	6.1	10.58	1.7	<0.2	1.22	13.3	6.85	2.56	512	13
82N14	2005	1010	11	474411	5754305	1		0.43	0.30	3.9	70.9	0.15	2	0.03	13.41	7.8	8.7	20.01	1.4	0.2	1.59	13.2	8.59	2.81	360	31
82N14	2005	1011	11	474987	5752265	6		0.50	1.44	7.6	42.0	0.14	3	0.02	18.84	10.0	10.6	15.56	1.5	0.3	2.11	5.7	8.02	2.42	378	49
82N14	2005	1012	11	479356	5748299	6		0.39	0.06	0.3	112.3	0.06	5	0.04	29.27	7.0	3.1	6.27	1.2	0.4	0.70	2.8	3.59	0.44	201	18
82N14	2005	1013	11	477295	5747286	6	10	0.51	0.18	2.1	20.0	0.11	2	0.03	19.69	10.3	7.3	14.65	1.6	<0.2	1.55	7.9	6.47	2.89	298	8
82N14	2005	1014	11	477295	5747286	6	20	0.52	0.19	1.8	19.4	0.11	2	0.03	20.60	10.3	7.1	14.17	1.5	<0.2	1.57	7.4	6.24	2.82	306	10
82N14	2005	1016	11	476987	5749827	6		0.30	0.23	5.7	246.2	0.09	5	0.08	17.18	9.0	12.1	8.07	0.9	0.3	4.73	7.7	5.35	2.02	4030	33
82N14	2005	1017	11	479726	5744279	6		0.85	0.55	3.7	45.4	0.19	5	0.05	15.99	13.2	10.6	13.90	2.2	0.8	2.16	12.1	9.35	3.33	674	32
82N10	2005	1018	11	517026	5721073	6		0.51	0.11	4.8	27.5	0.15	2	0.04	19.79	14.9	9.4	20.76	1.5	<0.2	1.78	7.8	7.89	3.88	503	20
82N10	2005	1019	11	517543	5722498	6		0.70	0.06	3.7	12.0	0.10	2	0.03	18.03	13.9	8.2	13.89	2.0	<0.2	1.63	11.6	7.37	2.51	496	13
82N10	2005	1020	11	517728	5717988	6		1.22	0.20	2.9	48.6	0.27	4	0.05	6.71	26.1	16.4	21.15	3.6	0.7	2.60	10.6	17.27	2.74	435	32
82N10	2005	1022	11	515165	5714361	6		0.67	0.07	2.9	18.3	0.17	2	0.03	17.74	12.6	8.3	12.42	2.1	0.5	1.89	9.6	8.62	2.60	488	10
82N10	2005	1023	11	509842	5712191	1		0.44	0.44	6.8	75.3	0.17	2	0.05	14.26	12.5	13.0	14.49	1.2	1.0	2.35	34.7	9.93	2.83	526	9
82N14	2005	1024	11	495766	5743024	6	10	0.92	0.27	9.7	46.0	0.24	4	0.05	4.35	20.5	15.9	22.06	2.5	1.0	2.74	14.4	12.71	2.42	522	44
82N14	2005	1025	11	495766	5743024	6	20	0.94	0.27	10.2	50.8	0.25	4	0.05	3.95	22.2	16.6	23.18	2.7	1.0	2.74	15.8	13.24	2.33	521	43
82N14	2005	1026	11	495422	5742849	6		1.38	0.08	2.4	30.6	0.30	1	0.03	9.69	27.7	16.3	28.00	4.1	0.6	3.28	5.0	15.09	1.44	540	11
82N14	2005	1027	11	494824	5745931	6		1.14	0.10	3.6	22.2	0.18	3	0.02	10.31	18.8	17.9	17.93	3.1	0.3	2.41	19.9	12.23	1.98	475	9
82N14	2005	1028	11	492597	5741947	6		1.16	0.09	2.3	125.0	0.22	5	0.05	7.37	29.7	14.0	19.80	3.6	1.0	2.59	13.4	14.12	2.81	464	17
82N14	2005	1029	11	492300	5740431	6		0.42	0.07	3.1	66.8	0.07	3	0.03	23.23	24.8	7.4	11.05	1.5	<0.2	1.10	11.7	4.88	5.38	258	9
82N14	2005	1030	11	491694	5738384	1		0.07	0.08	4.1	3.4	<0.02	2	0.01	26.46	5.9	1.8	0.71	0.2	<0.2	0.44	1.6	0.97	11.90	252	5
82N14	2005	1031	11	489685	5737312	6		0.51	0.05	1.4	55.4	0.10	3	0.02	14.01	11.5	8.3	12.62	1.4	0.7	1.59	10.1	7.93	2.82	375	8
82N14	2005	1032	11	487076	5738089	6		0.42	0.37	4.3	48.6	0.09	4	0.14	15.12	9.1	6.6	13.16	1.3	<0.2	1.46	8.7	7.65	4.27	272	43
82N14	2005	1033	11	485767	5739095	1		0.34	2.65	5.8	19.0	0.11	4	0.06	12.38	6.8	7.5	13.86	0.9	0.5	1.49	8.1	17.05	6.73	415	30
82N14	2005	1034	11	484470	5740636	6		0.49	0.41	2.6	6.8	0.06	1	0.02	23.53	9.5	6.0	7.23	1.4	0.3	1.41	3.4	3.79	6.90	403	5
82N14	2005	1035	11	479673	5740250	1		0.61	0.18	3.5	7.6	0.16	2	0.03	12.75	10.0	10.2	17.45	1.5	<0.2	2.21	3.8	8.40	2.90	435	14
82N14	2005	1036	11	481452	5741994	1		0.43	0.21	1.3	16.3	0.08	1	0.01	24.01	8.8	4.7	6.45	1.2	0.2	1.26	6.2	4.53	5.38	383	<5
82N10	2005	1037	11	524376	5722758	6		0.20	0.19	2.1	18.5	0.05	2	0.03	19.66	5.6	4.3	4.80	0.5	<0.2	1.04	2.8	3.06	11.25	488	47
82N10	2005	1039	11	521185	5725029	6		0.84	0.20	1.5	117.1	0.16	7	0.09	9.90	10.1	6.6	14.54	2.4	<0.2	1.56	13.0	7.44	3.72	788	46
82N10	2005	1040	11	519560	5723252	6		0.19	0.25	3.1	9.2	0.08	2	0.03	16.98	4.2	6.0	5.18	0.4	<0.2	1.28	3.3	4.06	8.83	417	53
82N10	2005	1042	11	520931	5729591	6		0.78	0.29	3.9	78.6	0.14	6	0.07	10.53	14.2	7.7	22.67	1.9	0.5	1.83	9.9	9.74	5.00	708	37
82N10	2005	1043	11	521208	5729830	6		0.63	0.09	2.7	26.6	0.14	2	0.03	16.07	13.6	8.2	16.89	1.9	<0.2	1.95	5.6	7.68	5.47	565	9
82N10	2005	1044	11	519896	5729732	6		0.50	0.13	3.7	13.1	0.08	3	0.02	17.40	10.2	6.5	11.24	1.3	<0.2	1.36	10.9	5.71	4.34	500	26
82N12	2005	1045	11	438767	5719180	6		0.78	0.02	0.4	35.4	0.14	<1	0.05	0.18	14.8	7.0	17.17	2.1	0.4	1.59	21.5	3.32	0.53	221	5

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
82N07	2005	1002	11	514182	5693621	6		0.75	40.2	0.066	0.03	4.2	<0.1	16	0.004	167.0	<0.01	0.02	<0.02	14.6	0.002	<0.1	0.5	8	103.3
82N07	2005	1003	11	513966	5693635	6		0.31	44.0	0.063	0.02	3.4	<0.1	17	0.002	98.1	0.04	<0.02	<0.02	12.1	0.001	<0.1	0.4	11	103.8
82N07	2005	1004	11	513079	5691822	6		0.25	24.9	0.089	0.02	2.5	0.2	14	0.003	245.3	<0.01	0.02	<0.02	5.9	0.003	<0.1	0.3	4	50.0
82N07	2005	1005	11	514449	5688709	6		0.59	36.3	0.062	0.03	3.8	0.7	21	0.004	189.6	0.01	0.04	0.02	16.7	0.004	<0.1	0.5	12	83.7
82N07	2005	1006	11	515738	5686540	6		0.80	34.8	0.058	0.03	3.7	0.6	22	0.005	195.4	0.03	0.02	0.02	16.4	0.002	<0.1	0.8	5	87.7
82N07	2005	1007	11	513724	5688966	6		0.22	25.1	0.085	0.03	2.6	0.3	15	0.003	89.7	<0.01	<0.02	0.02	6.8	0.003	<0.1	0.4	5	53.6
82N07	2005	1008	11	514091	5687072	6		0.26	23.4	0.090	0.03	2.1	0.6	18	0.002	39.8	<0.01	<0.02	0.02	4.7	0.005	<0.1	0.5	8	57.2
82N14	2005	1009	11	474021	5756176	6		0.48	11.2	0.116	0.06	2.4	0.1	10	0.006	292.0	0.10	<0.02	0.03	3.2	0.002	<0.1	0.4	3	25.2
82N14	2005	1010	11	474411	5754305	1		0.40	16.5	0.037	0.06	3.4	0.2	16	0.006	178.1	0.04	0.02	0.02	4.1	0.003	<0.1	0.5	5	22.0
82N14	2005	1011	11	474987	5752265	6		0.34	20.7	0.026	0.04	4.1	0.1	16	0.006	274.0	0.07	0.03	0.02	4.4	0.001	<0.1	0.4	4	23.7
82N14	2005	1012	11	479356	5748299	6		0.18	5.8	0.029	0.03	1.0	0.7	14	0.004	1198.8	0.11	0.09	0.02	0.7	0.006	<0.1	0.2	4	43.5
82N14	2005	1013	11	477295	5747286	6	10	0.22	12.8	0.025	0.04	2.9	0.1	9	0.007	310.6	0.07	0.02	<0.02	3.8	0.002	<0.1	0.3	4	24.8
82N14	2005	1014	11	477295	5747286	6	20	0.22	12.9	0.025	0.04	3.0	0.1	10	0.007	300.4	0.09	<0.02	<0.02	3.8	0.002	<0.1	0.4	4	24.4
82N14	2005	1016	11	476987	5749827	6		0.36	11.1	0.041	0.06	2.2	1.1	21	0.006	205.0	0.08	0.02	0.03	1.8	0.004	<0.1	0.3	3	27.0
82N14	2005	1017	11	479726	5744279	6		0.43	21.0	0.038	0.07	3.0	0.4	25	0.008	151.6	0.06	0.02	0.05	3.3	0.012	<0.1	0.5	7	23.7
82N10	2005	1018	11	517026	5721073	6		0.38	17.3	0.057	0.03	2.8	0.1	14	0.006	323.5	0.27	0.02	0.02	3.0	0.002	<0.1	0.3	5	27.1
82N10	2005	1019	11	517543	5722498	6		0.43	13.4	0.105	0.04	2.9	0.1	12	0.004	247.6	0.21	<0.02	0.02	3.2	0.001	<0.1	0.4	4	26.6
82N10	2005	1020	11	517728	5717988	6		0.74	31.0	0.050	0.07	3.5	0.4	21	0.005	252.0	<0.01	0.02	0.05	7.9	0.003	<0.1	1.1	7	57.4
82N10	2005	1022	11	515165	5714361	6		0.29	15.2	0.051	0.02	2.3	0.3	9	0.004	298.2	0.02	0.02	<0.02	3.4	0.002	<0.1	0.2	4	31.9
82N10	2005	1023	11	509842	5712191	1		3.27	22.9	0.066	0.05	4.2	0.2	15	0.005	440.2	0.06	0.04	0.03	11.4	0.002	0.1	0.5	16	38.1
82N14	2005	1024	11	495766	5743024	6	10	0.63	34.7	0.082	0.06	4.2	0.5	23	0.005	56.4	0.04	<0.02	0.03	7.5	0.002	0.3	0.9	11	50.2
82N14	2005	1025	11	495766	5743024	6	20	0.67	36.5	0.081	0.08	4.3	0.6	25	0.005	62.5	0.05	<0.02	0.03	7.9	0.002	0.3	1.2	12	53.8
82N14	2005	1026	11	495422	5742849	6		0.23	34.5	0.040	0.03	4.3	<0.1	12	0.003	253.2	0.04	<0.02	<0.02	6.7	0.001	<0.1	0.5	6	71.2
82N14	2005	1027	11	494824	5745931	6		0.44	23.7	0.990	0.07	2.7	0.1	12	0.003	131.5	<0.01	0.02	0.03	6.1	0.002	<0.1	0.3	5	44.9
82N14	2005	1028	11	492597	5741947	6		0.47	31.0	0.053	0.09	3.6	0.4	17	0.005	299.6	<0.01	<0.02	0.03	6.7	0.004	<0.1	0.7	11	59.6
82N14	2005	1029	11	492300	5740431	6		0.48	17.4	0.030	0.08	2.6	0.2	10	0.008	345.1	0.03	0.02	0.02	3.2	0.012	<0.1	0.5	9	16.9
82N14	2005	1030	11	491694	5738384	1		0.15	5.5	0.011	0.01	0.6	0.2	3	0.014	67.1	0.01	<0.02	<0.02	0.6	0.001	<0.1	0.1	8	2.8
82N14	2005	1031	11	489685	5737312	6		0.37	16.5	0.055	0.06	2.4	0.1	9	0.006	376.6	0.01	0.03	<0.02	4.3	0.003	<0.1	0.4	3	28.7
82N14	2005	1032	11	487076	5738089	6		2.75	23.4	0.079	0.08	2.4	0.4	28	0.006	154.5	0.05	0.03	0.25	2.2	0.002	<0.1	0.8	12	31.0
82N14	2005	1033	11	485767	5739095	1		1.75	18.3	0.049	0.06	1.9	0.5	35	0.009	63.1	<0.01	<0.02	0.10	2.6	0.003	<0.1	0.4	6	26.7
82N14	2005	1034	11	484470	5740636	6		0.21	13.1	0.018	0.01	1.8	0.1	5	0.008	229.0	0.04	0.03	<0.02	2.5	0.001	<0.1	0.3	5	19.8
82N14	2005	1035	11	479673	5740250	1		0.25	19.4	0.060	0.02	2.7	0.1	14	0.004	172.4	0.10	0.02	<0.02	5.4	0.001	<0.1	0.3	5	28.8
82N14	2005	1036	11	481452	5741994	1		0.18	10.7	0.019	0.03	1.9	0.1	5	0.009	278.4	0.07	0.02	<0.02	2.6	0.002	<0.1	0.2	5	15.4
82N10	2005	1037	11	524376	5722758	6		0.17	7.5	0.013	0.03	1.6	0.2	9	0.011	46.8	0.13	0.02	<0.02	1.2	0.002	<0.1	0.2	7	6.8
82N10	2005	1039	11	521185	5725029	6		0.36	13.3	0.042	0.16	2.4	0.9	26	0.007	479.8	0.10	0.05	0.08	2.1	0.012	<0.1	0.9	10	53.8
82N10	2005	1040	11	519560	5723252	6		0.29	10.3	0.049	0.03	1.8	0.3	12	0.009	64.2	0.22	0.02	0.02	1.5	0.001	<0.1	0.3	4	6.5
82N10	2005	1042	11	520931	5729591	6		0.38	16.2	0.050	0.07	2.6	1.1	33	0.009	199.0	0.12	0.03	0.04	1.9	0.007	<0.1	0.7	12	23.6
82N10	2005	1043	11	521208	5729830	6		0.18	16.2	0.033	0.04	2.9	0.2	11	0.008	153.7	0.11	<0.02	<0.02	3.5	0.002	<0.1	0.3	7	26.4
82N10	2005	1044	11	519896	5729732	6		0.26	11.3	0.114	0.04	2.9	0.2	13	0.006	190.0	0.13	<0.02	0.02	3.4	0.002	<0.1	0.3	8	16.0
82N12	2005	1045	11	438767	5719180	6		0.27	18.9	0.073	0.37	1.0	0.2	21	0.006	6.2	0.05	0.02	0.14	6.7	0.078	0.2	1.0	12	29.8

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
82N12	2005	1046	11	440409	5719260	6		0.56	0.06	3.7	17.4	0.25	1	0.08	11.28	8.5	7.9	16.76	1.5	<0.2	1.94	15.6	6.40	0.36	214	<5
82N12	2005	1047	11	441898	5718804	6		0.95	0.02	0.5	20.8	0.21	1	0.02	0.27	23.0	11.6	37.37	2.8	0.5	1.98	26.7	2.97	0.65	175	<5
82N12	2005	1048	11	443342	5719196	6		0.54	0.04	0.9	22.9	0.28	1	0.04	7.74	8.7	6.3	19.74	1.5	<0.2	1.58	14.7	4.18	0.59	236	<5
82N12	2005	1049	11	443080	5719664	6		0.72	0.03	2.8	28.9	0.17	<1	0.05	9.74	14.7	9.3	19.70	2.1	0.3	1.94	13.3	4.50	0.43	204	<5
82N12	2005	1050	11	444775	5719861	6		1.36	0.13	4.1	148.0	0.50	3	0.08	0.48	39.9	13.9	39.21	5.1	0.3	2.65	24.0	4.79	1.00	345	6
82N10	2005	1051	11	508830	5711110	6		0.93	0.21	3.7	26.3	0.22	1	0.03	13.48	22.9	13.3	17.09	2.7	0.4	2.60	15.8	12.46	2.50	471	5
82N10	2005	1052	11	512571	5711566	6		1.49	0.11	1.4	17.5	0.19	1	0.05	7.26	26.0	13.7	19.38	4.1	0.5	3.11	12.6	15.79	1.70	421	5
82N10	2005	1053	11	508929	5710648	1		2.03	0.06	0.9	11.4	0.17	<1	0.02	4.84	38.1	15.0	16.75	5.7	0.3	3.52	11.4	13.35	1.46	395	<5
82N10	2005	1054	11	507169	5708295	6	10	1.39	0.07	2.0	16.9	0.24	<1	0.02	10.81	25.2	13.1	18.24	4.0	0.3	2.92	6.7	11.84	1.97	500	5
82N10	2005	1055	11	507169	5708295	6	20	1.38	0.07	2.2	15.2	0.23	2	0.02	10.57	24.6	12.9	17.71	4.1	0.4	2.93	7.3	11.31	1.97	504	6
82N10	2005	1056	11	505309	5709538	1		1.74	0.07	1.9	19.3	0.35	1	0.04	4.82	28.8	16.3	24.80	5.1	0.6	3.32	6.5	16.77	1.36	551	8
82N10	2005	1058	11	504870	5708910	6		1.18	0.09	2.4	16.3	0.22	2	0.03	9.26	21.4	11.4	15.64	3.5	0.6	2.56	6.9	12.78	2.65	485	12
82N10	2005	1059	11	503539	5708390	6		1.42	0.10	2.0	12.6	0.32	1	0.03	8.97	26.2	17.0	22.69	4.1	0.9	3.25	6.1	15.60	1.79	526	7
82N10	2005	1060	11	502286	5706850	6		1.69	0.11	2.2	13.3	0.34	1	0.02	8.89	31.6	19.4	27.70	5.2	0.9	3.52	6.1	19.64	1.42	547	<5
82N10	2005	1062	11	501609	5705939	6		1.21	0.11	2.6	10.4	0.24	1	0.02	14.04	22.3	13.6	20.62	3.4	0.4	2.96	5.5	12.98	1.66	442	<5
82N07	2005	1063	11	501297	5702890	6		1.00	0.12	2.1	16.3	0.29	1	0.02	9.48	21.2	17.0	21.21	3.0	0.5	3.68	4.3	12.44	1.07	682	<5
82N12	2005	1064	11	446717	5718493	6		1.34	0.06	1.7	55.8	0.36	3	0.15	0.99	27.1	13.0	28.13	4.9	0.2	2.93	15.0	8.99	0.98	522	17
82N12	2005	1065	11	450636	5724673	6		0.95	0.03	1.4	70.0	0.42	4	0.05	0.40	21.7	7.6	19.31	3.1	0.7	1.71	15.4	4.42	0.56	208	6
82N12	2005	1066	11	450715	5728923	6		1.43	0.03	0.5	111.4	0.28	2	0.13	0.47	27.3	15.8	36.13	5.1	0.5	2.65	15.3	4.76	0.91	345	<5
82N12	2005	1067	11	451101	5729342	6		1.43	0.03	0.9	100.5	0.30	3	0.09	0.50	27.2	10.2	23.36	5.0	1.3	2.27	14.4	4.99	0.87	334	5
82N12	2005	1068	11	439344	5706840	6		0.90	0.09	6.5	21.2	0.22	1	0.07	0.14	22.7	16.4	40.92	2.6	0.6	3.41	8.4	9.42	0.57	520	<5
82N12	2005	1069	11	439518	5706143	6		0.54	0.08	4.5	19.6	0.18	1	0.03	0.15	10.2	10.0	30.17	1.5	1.0	2.40	7.9	9.59	0.51	410	<5
82N12	2005	1070	11	441823	5707967	6		0.11	<0.02	0.4	28.5	0.22	1	0.01	0.09	9.3	5.9	26.43	0.4	0.7	1.91	11.2	1.92	0.10	45	<5
82N12	2005	1072	11	444090	5709907	6		0.49	0.03	0.2	31.3	0.07	1	0.03	0.23	10.1	3.4	4.98	1.5	0.4	1.12	8.1	1.73	0.33	212	11
82N12	2005	1073	11	445008	5711354	6	10	0.76	0.02	0.6	24.7	0.19	2	0.02	0.11	17.9	10.7	21.52	2.2	1.7	1.68	22.5	3.17	0.52	131	<5
82N12	2005	1074	11	445008	5711354	6	20	0.93	0.03	0.7	28.0	0.17	2	0.02	0.10	21.2	11.5	24.60	2.6	0.7	1.88	23.4	3.25	0.62	139	5
82N12	2005	1075	11	445543	5711005	6		1.13	0.04	1.0	11.6	0.32	2	0.05	0.20	28.3	15.3	43.27	3.4	1.0	2.58	36.3	4.26	0.67	347	10
82N12	2005	1076	11	446040	5712464	6		1.08	0.04	0.7	21.4	0.20	1	0.08	0.25	26.3	13.4	36.10	3.0	1.0	2.11	28.8	3.50	0.70	247	6
82N12	2005	1077	11	447365	5714428	6		0.92	0.15	5.2	29.8	0.86	1	0.25	2.61	16.3	10.9	21.29	2.5	0.6	2.40	15.6	12.79	0.49	379	12
82N12	2005	1078	11	450052	5718879	6		1.01	0.15	10.9	186.0	0.81	<1	0.05	0.38	34.3	11.6	47.13	3.9	4.8	2.88	34.2	5.45	0.70	357	<5
82N12	2005	1079	11	450338	5721221	6		1.19	0.03	1.6	183.4	0.20	2	0.04	0.22	88.7	16.6	35.74	4.2	1.2	2.45	27.4	3.98	0.92	290	5
82N12	2005	1080	11	451013	5722848	6		0.78	0.05	2.7	63.3	0.34	1	0.07	0.26	16.8	8.0	24.03	2.5	0.6	1.75	15.9	4.42	0.49	230	6
82N10	2005	1082	11	524241	5722343	6		0.22	0.07	2.4	21.2	0.07	1	0.01	17.80	5.3	4.7	5.90	0.7	<0.2	1.25	5.6	3.02	8.96	512	17
82N12	2005	1083	11	436590	5717482	6		0.23	0.02	1.3	7.3	0.15	1	0.04	0.17	6.9	10.9	28.99	0.6	13.3	1.62	7.0	3.49	0.22	214	<5
82N12	2005	1084	11	435471	5717878	6		0.94	0.04	1.7	17.9	0.15	1	0.05	0.87	19.9	11.9	22.56	2.6	0.9	2.47	9.3	6.19	0.94	458	<5
82N12	2005	1085	11	435885	5717943	6		1.16	0.03	0.1	7.1	0.18	<1	0.03	0.19	23.6	12.4	40.05	2.9	0.9	2.28	35.2	2.71	0.67	226	<5
82N13	2005	1086	11	431075	5737460	6		1.27	0.03	1.0	128.7	0.18	1	0.04	0.37	42.0	14.0	37.27	4.7	4.4	2.52	17.6	3.78	0.60	311	<5
82N13	2005	1087	11	432075	5734628	6	10	1.17	0.02	0.7	100.4	0.11	1	0.02	0.64	36.4	9.3	24.24	4.1	0.7	2.15	10.1	2.80	0.66	206	<5
82N13	2005	1088	11	432075	5734628	6	20	0.90	0.02	0.6	71.7	0.06	1	0.03	0.77	31.8	7.4	20.82	3.1	0.8	1.80	12.5	2.08	0.52	185	<5
82N13	2005	1090	11	431952	5734376	6		0.47	0.04	2.1	26.0	0.09	1	0.05	1.50	79.0	7.2	54.89	2.1	3.3	1.60	11.4	1.56	0.36	119	<5

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
82N12	2005	1046	11	440409	5719260	6		0.36	19.4	0.128	0.15	0.9	0.4	33	0.019	545.5	0.17	0.04	0.10	6.4	0.033	2.1	1.2	4	28.9
82N12	2005	1047	11	441898	5718804	6		0.24	36.1	0.083	0.10	1.3	0.1	35	0.004	8.2	0.05	0.03	0.07	9.1	0.024	0.3	1.6	13	39.4
82N12	2005	1048	11	443342	5719196	6		0.21	17.8	0.078	0.28	1.0	0.2	24	0.008	336.0	0.16	0.04	0.12	5.7	0.049	0.3	0.9	6	27.5
82N12	2005	1049	11	443080	5719664	6		0.33	21.9	0.081	0.25	1.2	0.3	27	0.025	496.9	0.34	0.05	0.14	6.9	0.052	0.5	1.2	8	25.2
82N12	2005	1050	11	444775	5719861	6		0.70	31.6	0.091	0.85	3.5	0.2	24	0.021	10.3	0.05	0.02	0.44	6.9	0.188	1.0	1.6	44	61.6
82N10	2005	1051	11	508830	5711110	6		0.63	28.5	0.047	0.03	3.3	0.3	15	0.004	453.3	0.04	0.03	0.02	6.7	0.003	<0.1	0.4	10	50.4
82N10	2005	1052	11	512571	5711566	6		0.53	30.4	0.060	0.02	3.1	0.2	16	0.003	299.8	0.06	0.02	<0.02	8.2	0.002	<0.1	0.4	9	71.7
82N10	2005	1053	11	508929	5710648	1		0.15	38.4	0.064	0.01	2.5	<0.1	12	0.001	232.1	0.01	<0.02	<0.02	7.2	0.002	<0.1	0.3	11	86.2
82N10	2005	1054	11	507169	5708295	6	10	0.16	26.6	0.073	0.02	2.9	0.2	9	0.003	254.2	0.01	0.02	<0.02	7.9	0.002	<0.1	0.3	9	60.8
82N10	2005	1055	11	507169	5708295	6	20	0.17	27.4	0.073	0.02	2.9	0.1	9	0.003	250.5	0.05	0.02	<0.02	7.7	0.002	<0.1	0.3	9	62.5
82N10	2005	1056	11	505309	5709538	1		0.17	31.7	0.063	0.02	3.2	0.2	11	0.002	127.6	<0.01	0.02	<0.02	8.5	0.002	<0.1	0.4	9	74.4
82N10	2005	1058	11	504870	5708910	6		0.26	23.7	0.084	0.02	2.2	0.4	12	0.003	185.2	<0.01	0.02	<0.02	5.6	0.003	<0.1	0.3	9	52.1
82N10	2005	1059	11	503539	5708390	6		0.18	34.5	0.060	0.01	3.5	0.1	19	0.003	235.1	<0.01	0.03	<0.02	8.3	0.001	<0.1	0.4	8	87.2
82N10	2005	1060	11	502286	5706850	6		0.18	35.0	0.049	0.02	3.6	0.1	15	0.003	273.4	0.01	0.03	<0.02	7.5	0.001	<0.1	0.4	11	81.4
82N10	2005	1062	11	501609	5705939	6		0.17	25.6	0.037	0.01	3.5	0.1	9	0.002	436.6	<0.01	0.03	<0.02	5.6	0.001	<0.1	0.4	7	60.6
82N07	2005	1063	11	501297	5702890	6		0.18	32.7	0.048	0.02	4.2	0.1	10	0.003	209.0	<0.01	0.02	<0.02	9.9	0.001	<0.1	0.6	9	76.9
82N12	2005	1064	11	446717	5718493	6		0.87	25.6	0.088	0.42	2.6	0.8	57	0.019	57.2	0.04	0.05	0.24	4.8	0.107	0.4	1.3	31	58.0
82N12	2005	1065	11	450636	5724673	6		0.34	21.6	0.068	0.36	2.0	0.6	27	0.014	21.7	0.01	<0.02	0.21	5.1	0.093	0.8	0.8	20	31.6
82N12	2005	1066	11	450715	5728923	6		0.65	26.6	0.096	0.68	3.2	0.7	33	0.027	23.9	0.13	0.05	0.29	5.0	0.176	0.8	1.1	35	65.2
82N12	2005	1067	11	451101	5729342	6		0.64	18.7	0.067	0.68	3.1	0.4	33	0.032	27.7	0.04	0.03	0.31	5.5	0.173	0.5	0.9	33	55.7
82N12	2005	1068	11	439344	5706840	6		0.35	41.0	0.051	0.02	1.2	<0.1	35	0.001	6.8	0.04	0.02	<0.02	5.4	0.004	<0.1	1.1	11	62.8
82N12	2005	1069	11	439518	5706143	6		0.34	24.3	0.057	0.02	0.8	<0.1	31	0.001	14.7	0.12	0.02	<0.02	4.6	0.002	<0.1	0.7	7	41.9
82N12	2005	1070	11	441823	5707967	6		0.18	12.7	0.042	0.02	0.1	<0.1	11	0.001	5.4	0.04	<0.02	<0.02	7.6	0.020	<0.1	0.9	11	8.6
82N12	2005	1072	11	444090	5709907	6		0.13	11.5	0.023	0.02	0.4	0.5	23	0.002	29.0	0.05	<0.02	<0.02	1.8	0.009	<0.1	3.0	10	28.7
82N12	2005	1073	11	445008	5711354	6	10	0.20	30.0	0.041	0.04	0.8	0.2	29	0.002	5.3	0.01	<0.02	0.04	9.0	0.018	<0.1	1.7	14	40.8
82N12	2005	1074	11	445008	5711354	6	20	0.23	33.6	0.041	0.05	0.9	0.1	31	0.003	5.0	0.03	<0.02	0.04	9.4	0.018	<0.1	1.7	15	45.7
82N12	2005	1075	11	445543	5711005	6		0.43	46.7	0.060	0.03	1.5	0.7	52	0.002	5.3	0.04	0.03	0.03	12.1	0.018	<0.1	4.6	13	51.4
82N12	2005	1076	11	446040	5712464	6		0.55	39.8	0.061	0.10	1.5	0.4	34	0.005	6.2	0.06	0.02	0.08	12.0	0.032	<0.1	2.1	13	47.8
82N12	2005	1077	11	447365	5714428	6		0.28	27.4	0.088	0.12	1.4	0.6	50	0.015	151.1	0.06	0.03	0.12	5.9	0.045	2.0	1.2	12	61.9
82N12	2005	1078	11	450052	5718879	6		1.49	30.6	0.138	0.74	3.6	0.3	32	0.015	10.9	0.36	0.02	0.40	16.3	0.153	4.2	3.5	30	56.6
82N12	2005	1079	11	450338	5721221	6		1.05	43.7	0.061	0.76	3.1	0.3	19	0.020	10.8	0.07	0.02	0.43	11.9	0.166	2.4	1.7	35	55.9
82N12	2005	1080	11	451013	5722848	6		0.57	16.5	0.056	0.37	1.8	0.3	26	0.009	11.4	0.01	<0.02	0.20	6.0	0.980	3.1	1.0	19	39.1
82N10	2005	1082	11	524241	5722343	6		0.20	7.8	0.018	0.06	2.3	0.1	8	0.010	117.0	0.14	<0.02	<0.02	2.3	0.002	<0.1	0.3	3	8.0
82N12	2005	1083	11	436590	5717482	6		0.10	19.1	0.034	0.01	0.4	0.1	30	0.001	5.5	0.31	<0.02	<0.02	4.8	0.005	<0.1	0.7	3	13.6
82N12	2005	1084	11	435471	5717878	6		0.23	28.6	0.068	0.02	1.0	<0.1	30	0.002	16.6	0.12	<0.02	<0.02	5.6	0.006	<0.1	1.0	6	47.3
82N12	2005	1085	11	435885	5717943	6		0.26	35.7	0.091	0.02	1.6	0.3	28	0.002	3.0	0.01	0.02	<0.02	12.2	0.007	<0.1	2.1	9	43.7
82N13	2005	1086	11	431075	5737460	6		2.90	20.1	0.091	0.56	4.2	0.3	39	0.029	34.9	0.08	<0.02	0.28	5.3	0.183	0.3	1.8	43	58.6
82N13	2005	1087	11	432075	5734628	6	10	0.53	18.7	0.171	0.54	3.0	0.1	23	0.034	25.3	0.05	0.02	0.24	4.1	0.156	<0.1	0.6	40	44.4
82N13	2005	1088	11	432075	5734628	6	20	0.33	13.4	0.222	0.38	2.5	<0.1	21	0.028	26.1	0.04	<0.02	0.15	5.4	0.117	<0.1	0.6	38	31.9
82N13	2005	1090	11	431952	5734376	6		0.41	15.7	0.266	0.19	1.2	0.3	42	0.023	62.6	0.04	<0.02	0.08	10.1	0.070	0.3	2.7	67	18.1

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
82N13	2005	1091	11	462056	5744815	6		0.50	0.47	6.7	39.3	0.18	1	0.08	0.70	8.3	8.9	10.84	1.2	1.7	1.64	7.8	8.74	0.27	752	25
82N13	2005	1092	11	463956	5745341	6		0.15	0.75	6.5	18.7	0.14	1	0.05	20.34	3.7	9.0	18.38	0.4	0.4	1.58	23.0	7.68	3.49	328	38
82N13	2005	1093	11	463386	5745446	6		0.22	0.58	7.5	31.6	0.11	1	0.07	20.95	5.3	7.1	14.39	0.6	14.3	1.40	12.3	8.94	2.01	460	31
82N13	2005	1094	11	459636	5744541	6		1.24	0.61	13.6	28.1	0.39	1	0.11	0.25	22.5	16.1	28.50	3.4	2.6	3.30	6.5	19.91	0.61	678	17
82N13	2005	1095	11	459224	5744740	6		1.25	0.35	15.6	12.5	0.32	<1	0.02	0.31	23.6	15.9	25.78	3.5	2.8	3.29	9.4	12.45	0.75	597	<5
82N13	2005	1096	11	458334	5745577	6		1.28	0.25	8.5	21.4	0.26	<1	0.03	0.24	23.6	13.5	23.03	3.4	1.6	3.50	9.8	13.54	0.63	423	<5
82N13	2005	1097	11	458585	5745715	6		1.04	0.28	10.4	96.3	0.22	2	0.05	0.31	21.8	14.6	34.62	2.4	2.3	1.84	10.4	18.57	0.34	424	19
82N13	2005	1098	11	432609	5758989	6		0.52	0.14	7.9	27.8	0.14	1	0.09	0.33	10.2	12.9	13.73	1.3	1.3	2.26	15.8	21.71	0.22	717	13
82N13	2005	1099	11	432870	5758428	6		0.73	0.15	6.4	10.5	0.16	<1	0.07	11.93	17.2	13.7	16.85	2.0	1.6	2.40	20.7	13.67	1.36	326	<5
82N13	2005	1100	11	434583	5760053	6		1.08	0.11	11.1	112.3	0.25	2	0.16	0.42	72.1	28.4	27.14	2.7	1.9	3.02	8.9	8.94	0.69	1536	26
82N13	2005	1102	11	434600	5761034	6		0.40	0.21	8.0	34.3	0.26	1	0.08	1.19	7.1	13.0	14.42	1.1	0.8	2.26	13.5	10.71	0.65	767	7
82N13	2005	1103	11	435329	5756755	6		0.78	0.22	16.5	17.3	0.23	2	0.06	5.84	14.9	18.9	22.90	2.2	14.8	2.75	16.6	9.47	0.76	366	8
82N13	2005	1104	11	442007	5756943	6		1.69	0.36	34.5	21.2	0.45	2	0.07	0.39	30.9	19.6	42.09	5.7	4.8	4.14	11.2	22.80	0.80	816	18
82N13	2005	1105	11	439927	5756563	6	10	0.13	0.20	14.6	121.4	0.14	3	<0.01	0.15	1.4	9.8	23.93	0.4	1.3	1.51	17.2	5.68	0.05	850	5
82N13	2005	1106	11	439927	5756563	6	20	0.11	0.21	13.8	112.1	0.13	<1	0.01	0.16	1.6	9.7	23.26	0.3	1.3	1.47	15.7	5.62	0.04	813	<5
82N13	2005	1107	11	444364	5757357	6		0.92	0.24	4.7	178.9	0.19	3	0.10	1.70	14.3	9.8	14.44	2.7	1.4	2.00	15.8	15.60	0.97	386	30
82N13	2005	1108	11	446546	5757504	6		0.45	0.06	2.5	22.8	0.09	1	0.02	18.80	8.4	8.1	10.33	1.3	556.2	1.53	5.6	10.03	1.28	320	8
82N13	2005	1109	11	447709	5756028	6		0.67	0.23	13.0	34.8	0.25	1	0.02	0.19	12.6	13.3	16.28	2.1	3.2	2.51	15.1	11.83	0.31	451	16
82N13	2005	1110	11	450753	5757301	6		1.33	0.05	2.3	16.3	0.16	<1	0.03	11.44	29.4	15.8	16.31	4.1	0.8	3.10	4.3	14.09	1.14	383	<5
82N13	2005	1111	11	451422	5757884	6		0.66	0.11	2.4	10.0	0.11	1	0.04	19.62	14.8	11.1	13.91	2.1	0.6	2.08	5.5	10.69	1.68	274	8
82N13	2005	1112	11	451062	5758389	6		0.44	0.21	4.5	4.7	0.09	<1	0.03	24.72	10.6	10.3	16.55	1.4	0.6	1.82	3.1	9.23	1.78	316	18
82N13	2005	1114	11	452301	5758860	6		0.30	0.52	5.5	39.5	0.13	2	0.09	20.40	5.7	7.9	17.30	0.8	1.5	1.43	15.2	21.07	2.54	271	62
82N13	2005	1115	11	453202	5759957	6		0.29	0.52	4.7	192.8	0.11	4	0.09	16.61	8.0	9.0	26.44	0.9	0.8	1.58	10.8	25.42	3.55	279	51
82N13	2005	1116	11	453083	5760426	6		0.13	0.23	2.4	99.1	0.05	1	0.02	30.13	3.2	4.3	11.66	0.4	0.5	0.93	7.3	10.78	2.54	227	27
82N13	2005	1117	11	444338	5736247	6		0.84	0.02	1.4	77.7	0.16	1	0.04	0.80	18.8	6.7	21.63	2.9	0.8	1.51	12.0	2.19	0.50	179	<5
82N13	2005	1118	11	444462	5736195	6		0.38	<0.02	0.8	32.7	0.05	2	0.04	0.63	47.0	5.3	23.36	2.3	0.7	1.63	5.4	1.02	0.28	115	<5
82N13	2005	1119	11	452941	5743856	6		0.32	0.23	10.6	23.0	0.21	<1	0.02	0.46	4.6	11.0	10.22	0.9	2.0	1.94	15.9	10.53	0.27	387	7
82N13	2005	1120	11	453285	5743922	6		1.31	0.23	21.5	29.2	0.35	2	0.06	0.61	39.5	16.4	26.94	3.9	3.8	3.48	9.5	16.72	0.74	873	20
82N13	2005	1122	11	435599	5748884	6		1.32	0.03	5.8	89.9	0.40	3	0.12	0.54	36.6	26.6	48.60	3.5	1.9	2.53	74.8	4.08	0.75	319	18
82N13	2005	1123	11	433960	5749826	6		1.16	0.04	3.3	66.1	0.43	<1	0.02	0.16	23.6	8.7	33.48	3.9	1.1	2.99	37.9	5.76	0.68	75	5
82N13	2005	1124	11	451881	5754638	6	10	1.08	0.45	14.1	46.4	0.33	1	0.03	0.42	20.8	16.3	28.89	3.4	5.5	3.56	13.6	14.86	0.72	661	12
82N13	2005	1125	11	451881	5754638	6	20	1.08	0.46	14.2	48.6	0.31	<1	0.03	0.38	20.5	16.2	27.33	3.3	2.4	3.55	12.7	13.95	0.69	666	5
82N13	2005	1126	11	455949	5755226	6		0.33	0.31	3.0	26.1	0.09	<1	0.02	23.49	6.5	7.0	20.08	0.9	0.4	1.55	6.5	6.61	2.30	428	27
82N13	2005	1127	11	455888	5755608	6		0.94	2.84	12.9	390.3	0.22	2	0.14	6.28	16.5	14.9	69.41	2.5	0.9	2.80	7.9	42.69	1.73	430	84
82N13	2005	1128	11	459085	5757576	6		0.37	1.55	9.3	39.2	0.25	2	0.03	8.01	7.7	13.9	45.33	1.0	0.5	2.09	17.4	12.29	2.71	493	79
82N13	2005	1130	11	459207	5757825	6		0.37	0.37	3.9	44.9	0.13	3	0.05	23.83	7.4	7.5	17.97	1.1	0.5	1.64	8.4	8.26	1.98	393	28
82N13	2005	1131	11	464246	5759013	6		0.13	0.72	3.9	290.9	0.04	<1	0.08	37.66	3.5	4.1	5.78	0.4	0.3	1.04	3.0	9.58	2.90	329	43
82N13	2005	1132	11	464612	5759038	6		0.40	0.35	4.7	108.1	0.14	6	0.03	12.64	6.1	9.9	14.71	1.2	0.5	1.48	20.7	8.05	3.21	365	19
82N14	2005	1133	11	466759	5741829	6		0.95	0.54	8.3	22.5	0.23	1	0.08	0.82	15.8	12.6	17.48	2.3	1.0	2.38	4.3	15.40	0.65	399	21
82N14	2005	1134	11	468376	5739541	6		0.60	0.45	8.0	17.7	0.22	2	0.02	3.66	10.3	12.0	16.83	1.5	2.9	2.17	6.8	11.75	0.82	537	16

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
82N13	2005	1091	11	462056	5744815	6		0.39	12.7	0.081	0.02	0.7	1.0	34	0.002	30.5	0.03	<0.02	0.02	1.8	0.008	<0.1	3.5	5	25.0
82N13	2005	1092	11	463956	5745341	6		0.43	16.6	0.029	0.03	2.8	0.2	18	0.005	283.3	0.02	<0.02	<0.02	4.5	0.005	<0.1	0.4	3	12.9
82N13	2005	1093	11	463386	5745446	6		0.35	11.9	0.038	0.03	1.7	0.6	26	0.004	210.0	0.05	<0.02	0.02	2.6	0.005	<0.1	0.4	3	20.0
82N13	2005	1094	11	459636	5744541	6		0.44	36.5	0.087	0.03	1.8	0.7	52	0.003	12.0	0.03	<0.02	0.03	7.2	0.004	<0.1	5.1	6	71.6
82N13	2005	1095	11	459224	5744740	6		0.37	35.7	0.980	0.02	1.5	0.1	36	0.002	16.8	0.05	<0.02	0.02	9.2	0.002	<0.1	1.6	8	50.7
82N13	2005	1096	11	458334	5745577	6		0.32	29.3	0.091	0.06	1.4	0.3	35	0.003	11.8	0.03	<0.02	0.02	8.8	0.002	<0.1	1.8	6	53.8
82N13	2005	1097	11	458585	5745715	6		0.41	29.3	0.077	0.03	1.4	0.7	54	0.003	18.4	0.02	<0.02	0.03	3.6	0.013	<0.1	4.9	9	34.8
82N13	2005	1098	11	432609	5758989	6		0.32	25.4	0.092	0.05	1.0	0.4	46	0.002	15.9	0.02	<0.02	0.04	4.8	0.006	<0.1	1.4	5	46.6
82N13	2005	1099	11	432870	5758428	6		0.35	30.3	0.048	0.02	3.0	0.4	28	0.003	281.5	<0.01	<0.02	<0.02	6.3	0.003	<0.1	0.5	6	48.1
82N13	2005	1100	11	434583	5760053	6		0.63	61.9	0.081	0.05	1.9	0.4	33	0.002	20.1	0.05	<0.02	0.09	4.6	0.009	<0.1	2.4	15	45.7
82N13	2005	1102	11	434600	5761034	6		0.19	20.9	0.990	0.04	0.8	0.1	40	0.001	19.1	0.01	<0.02	0.03	6.5	0.006	0.2	1.0	2	28.0
82N13	2005	1103	11	435329	5756755	6		0.40	43.8	0.043	0.01	3.0	0.3	35	0.003	66.8	0.01	0.02	<0.02	7.4	0.004	<0.1	0.7	3	56.4
82N13	2005	1104	11	442007	5756943	6		0.38	45.3	0.078	0.02	1.9	1.2	80	0.003	12.2	<0.01	0.04	0.02	9.2	0.003	<0.1	5.9	12	104.6
82N13	2005	1105	11	439927	5756563	6	10	0.45	11.4	0.076	0.04	0.5	0.1	21	0.001	21.6	0.03	0.02	0.06	7.8	0.003	<0.1	0.7	<2	5.1
82N13	2005	1106	11	439927	5756563	6	20	0.41	10.9	0.077	0.04	0.4	0.1	20	0.001	21.8	0.01	<0.02	0.06	8.0	0.002	<0.1	0.6	<2	4.6
82N13	2005	1107	11	444364	5757357	6		0.20	19.1	0.074	0.07	1.8	0.4	39	0.003	30.1	<0.01	0.02	0.04	6.8	0.006	<0.1	1.9	6	50.7
82N13	2005	1108	11	446546	5757504	6		0.07	12.1	0.046	0.03	1.3	0.1	153	0.002	206.6	0.07	0.03	<0.02	5.0	0.002	<0.1	0.4	<2	21.0
82N13	2005	1109	11	447709	5756028	6		0.22	23.6	0.068	0.03	1.2	0.2	33	0.002	15.7	<0.01	0.02	<0.02	8.8	0.003	<0.1	1.9	5	42.8
82N13	2005	1110	11	450753	5757301	6		0.09	34.1	0.037	0.02	3.2	<0.1	13	0.002	251.6	<0.01	0.02	0.02	5.8	0.002	<0.1	0.4	5	69.7
82N13	2005	1111	11	451422	5757884	6		0.13	23.1	0.035	0.01	2.2	0.1	13	0.002	288.0	0.04	0.03	<0.02	4.5	0.002	<0.1	0.4	3	39.6
82N13	2005	1112	11	451062	5758389	6		0.20	20.2	0.026	0.01	2.7	0.2	18	0.002	384.0	0.13	0.03	<0.02	4.5	0.001	<0.1	0.4	2	29.2
82N13	2005	1114	11	452301	5758860	6		0.33	13.7	0.030	0.03	2.6	0.3	36	0.004	312.0	0.04	0.03	0.02	4.1	0.005	<0.1	0.6	3	38.2
82N13	2005	1115	11	453202	5759957	6		0.44	17.1	0.044	0.07	2.9	0.3	22	0.006	322.0	0.16	0.02	0.02	4.0	0.004	<0.1	0.5	5	68.4
82N13	2005	1116	11	453083	5760426	6		0.11	8.1	0.014	0.02	1.9	0.2	15	0.005	428.1	0.16	0.03	<0.02	2.3	0.001	<0.1	0.3	2	13.0
82N13	2005	1117	11	444338	5736247	6		0.27	10.7	0.249	0.42	2.1	0.1	28	0.037	28.8	0.09	0.02	0.16	6.0	0.107	0.4	1.4	28	27.9
82N13	2005	1118	11	444462	5736195	6		0.32	8.2	0.174	0.16	1.3	<0.1	26	0.025	18.7	0.11	0.02	0.06	2.7	0.061	<0.1	0.5	60	11.8
82N13	2005	1119	11	452941	5743856	6		0.13	15.6	0.062	0.04	0.8	0.1	23	0.001	19.9	0.03	0.02	0.02	8.1	0.002	<0.1	0.8	<2	29.8
82N13	2005	1120	11	453285	5743922	6		0.94	42.5	0.085	0.04	1.5	0.7	49	0.003	22.9	0.01	0.03	0.02	7.2	0.004	<0.1	2.9	10	68.1
82N13	2005	1122	11	435599	5748884	6		0.68	107.9	0.113	0.50	2.0	1.2	73	0.022	12.5	0.10	0.04	0.39	7.6	0.092	<0.1	3.5	23	32.1
82N13	2005	1123	11	433960	5749826	6		0.57	21.6	0.080	0.56	1.9	0.4	58	0.016	6.6	0.18	0.05	0.35	13.2	0.087	<0.1	2.0	18	32.6
82N13	2005	1124	11	451881	5754638	6	10	0.26	33.9	0.089	0.03	1.9	0.3	44	0.002	17.0	0.01	0.02	0.02	10.6	0.002	<0.1	1.8	11	64.5
82N13	2005	1125	11	451881	5754638	6	20	0.27	32.9	0.088	0.03	1.8	0.2	45	0.002	16.8	0.02	<0.02	0.02	9.9	0.002	<0.1	1.8	12	60.3
82N13	2005	1126	11	455949	5755226	6		0.07	13.5	0.044	0.02	2.1	0.1	16	0.003	344.8	0.10	0.02	<0.02	3.1	0.001	<0.1	0.3	<2	21.9
82N13	2005	1127	11	455888	5755608	6		0.35	29.7	0.069	0.03	2.8	0.1	68	0.003	141.1	0.11	0.02	0.02	7.2	0.002	<0.1	0.6	5	104.0
82N13	2005	1128	11	459085	5757576	6		0.56	25.3	0.063	0.03	3.6	0.2	60	0.006	77.0	0.10	<0.02	0.02	7.0	0.005	<0.1	0.7	5	25.2
82N13	2005	1130	11	459207	5757825	6		0.29	12.7	0.026	0.04	3.3	0.3	24	0.008	396.7	0.10	0.03	0.02	3.6	0.005	<0.1	0.5	5	16.8
82N13	2005	1131	11	464246	5759013	6		0.33	6.4	0.012	0.02	2.1	0.3	20	0.006	456.6	0.23	0.02	<0.02	1.4	0.002	<0.1	0.4	4	24.1
82N13	2005	1132	11	464612	5759038	6		0.33	16.0	0.041	0.13	3.7	0.3	14	0.007	138.8	0.09	0.02	0.03	4.6	0.004	<0.1	0.5	5	10.4
82N14	2005	1133	11	466759	5741829	6		0.46	30.4	0.075	0.02	2.4	0.6	28	0.002	19.9	0.03	0.03	0.04	6.5	0.002	<0.1	1.5	11	56.0
82N14	2005	1134	11	468376	5739541	6		0.28	20.8	0.069	0.02	1.7	0.2	26	0.002	60.1	<0.01	<0.02	0.03	6.2	0.002	<0.1	0.8	4	28.6

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
82N14	2005	1135	11	466990	5741952	6		0.61	0.35	7.1	19.8	0.19	2	0.02	13.27	11.6	10.0	15.49	1.7	0.8	2.08	6.2	9.73	1.31	454	11
82N14	2005	1136	11	469576	5744823	6		0.30	0.70	7.3	44.4	0.15	3	0.06	20.14	8.1	7.2	13.98	0.8	0.7	1.54	12.8	7.51	3.78	338	43
82N14	2005	1137	11	469987	5744772	6		1.07	0.18	3.3	22.1	0.19	2	0.04	11.62	17.7	12.0	21.16	2.8	0.5	2.47	4.9	13.18	2.25	482	11
82N14	2005	1138	11	469541	5745888	6		0.65	0.29	6.5	20.5	0.20	3	0.03	15.01	12.6	10.7	35.16	1.9	0.7	2.13	6.8	10.45	3.33	479	15
82N14	2005	1139	11	468891	5747320	6		1.71	0.18	1.8	62.2	0.25	1	0.02	4.96	26.9	15.1	25.10	4.6	0.6	3.33	3.0	10.60	1.34	446	12
82N14	2005	1140	11	468139	5747708	6		0.64	0.82	10.6	77.8	0.27	1	0.08	3.91	10.4	13.1	38.92	1.7	0.8	2.45	12.2	14.87	2.18	413	69
82N14	2005	1142	11	477732	5751384	6		1.03	0.36	2.7	196.4	0.18	6	0.11	5.21	15.0	9.2	15.51	2.5	0.5	2.25	11.5	14.05	1.02	676	57
82N14	2005	1143	11	467999	5748562	6		1.07	0.27	3.3	78.4	0.23	4	0.07	5.34	20.5	13.9	38.14	2.8	0.6	2.72	7.6	17.99	1.41	576	33
82N14	2005	1144	11	467460	5750610	6		0.67	0.47	7.2	203.2	0.24	6	0.09	6.72	10.2	11.3	31.03	2.0	0.8	2.08	15.8	12.76	1.90	457	35
82N14	2005	1145	11	466882	5750728	6		0.31	0.45	5.4	60.6	0.15	4	0.07	24.58	6.3	9.1	21.66	0.8	0.5	1.62	8.9	9.14	2.48	574	43
82N13	2005	1146	11	464007	5751972	6		0.60	0.37	3.4	37.8	0.16	1	0.04	14.23	10.6	11.4	23.70	1.7	0.3	2.19	8.8	9.02	2.36	438	34
82N14	2005	1147	11	466230	5755337	6		0.79	0.99	4.3	72.4	0.16	3	0.04	9.38	15.0	11.3	26.66	2.1	0.4	2.34	5.6	10.46	1.77	487	41
82N14	2005	1148	11	467013	5750987	6	10	0.40	0.41	4.2	29.4	0.14	2	0.04	19.92	7.5	8.5	19.40	1.1	<0.2	1.70	10.4	8.30	2.74	389	39
82N14	2005	1149	11	467013	5750987	6	20	0.43	0.45	4.4	33.7	0.16	2	0.05	19.80	8.1	8.9	20.63	1.2	<0.2	1.77	10.6	9.31	2.76	403	37
82N13	2005	1150	11	464023	5752205	6		0.28	0.38	4.8	20.6	0.14	2	0.04	22.40	5.4	7.7	22.47	0.7	<0.2	1.48	12.3	7.41	2.38	412	18
82N14	2005	1151	11	476535	5753095	6		0.40	0.19	2.0	38.4	0.08	2	0.02	23.83	10.1	5.4	7.00	1.1	0.3	1.20	7.1	5.91	2.57	284	11
82N14	2005	1153	11	474572	5756819	6		0.60	0.17	4.0	89.1	0.19	4	0.04	11.00	10.5	11.9	15.32	1.4	0.7	1.86	13.7	11.39	2.81	404	24
82N14	2005	1154	11	475940	5760155	6		0.61	0.13	2.9	120.8	0.18	4	0.04	11.84	16.9	9.0	15.24	1.8	<0.2	1.62	18.7	10.34	2.78	368	17
82N14	2005	1155	11	487405	5754243	6		0.06	0.04	1.2	3.6	<0.02	7	0.02	20.98	2.1	0.9	1.56	0.2	<0.2	0.25	3.4	3.23	10.99	176	6
82N14	2005	1156	11	487607	5754204	6		0.09	0.07	1.5	6.7	0.02	6	0.06	16.16	3.6	1.7	3.05	0.3	<0.2	0.42	4.6	5.08	7.34	199	12
82N14	2005	1157	11	485405	5751843	6		0.58	0.41	2.8	22.8	0.09	1	0.04	17.42	13.1	7.7	10.59	1.6	0.2	1.66	9.1	7.86	2.44	357	15
82N14	2005	1158	11	485804	5751555	6		0.31	0.07	1.3	16.8	0.06	2	0.02	27.44	6.9	4.4	8.11	0.9	<0.2	0.99	9.7	4.52	3.00	235	11
82N14	2005	1159	11	482852	5749061	6		0.18	0.98	3.2	10.1	0.04	1	0.03	27.63	6.1	3.9	4.67	0.5	0.2	0.97	5.3	4.12	6.62	429	19
82N14	2005	1160	11	483395	5748255	6		0.22	0.57	5.2	34.8	0.06	2	0.02	27.68	8.9	5.1	7.18	0.6	0.2	1.06	9.3	4.76	7.25	313	10
82N13	2005	1162	11	437037	5747302	6	10	0.66	0.02	0.1	54.1	1.18	1	0.03	0.37	17.4	8.8	36.00	2.4	1.5	1.50	20.5	3.78	0.38	125	5
82N13	2005	1163	11	437037	5747302	6	20	0.69	0.02	0.4	55.6	3.80	1	0.04	0.38	18.2	9.6	36.12	2.3	5.1	1.64	30.3	3.86	0.39	157	<5
82N13	2005	1164	11	439102	5746099	6		1.33	0.12	1.8	75.4	0.38	2	0.08	0.37	24.3	17.7	34.62	3.9	0.7	2.24	40.8	6.02	0.68	337	18
82N13	2005	1165	11	442308	5751496	6		0.68	0.11	3.7	19.3	0.18	<1	0.04	6.49	12.4	12.6	12.70	1.7	0.5	2.02	21.8	10.28	0.72	336	10
82N13	2005	1166	11	442400	5751346	6		0.92	0.16	6.2	7.9	0.18	1	0.02	4.36	17.2	14.7	19.56	2.5	6.8	1.92	19.3	11.26	0.57	271	<5
82N14	2005	1167	11	474913	5740933	6		1.61	0.10	2.4	16.6	0.23	1	0.03	10.46	28.1	14.5	21.20	4.5	0.5	3.14	3.0	11.04	2.16	501	6
82N14	2005	1169	11	475496	5741118	6		1.56	0.14	1.8	19.1	0.28	2	0.02	7.85	27.2	16.2	24.58	4.5	1.0	3.10	2.9	9.75	1.55	468	7
82N14	2005	1170	11	478682	5736051	6		0.19	1.17	13.3	9.0	0.18	3	0.03	14.00	6.2	9.6	28.30	0.5	0.9	1.64	2.3	12.79	5.35	351	105
82N14	2005	1171	11	478741	5736218	6		0.34	0.28	4.4	14.5	0.10	2	0.09	14.65	7.4	7.8	14.20	0.9	0.4	1.78	6.1	8.94	3.26	365	27
82N14	2005	1172	11	481625	5747365	6		0.30	0.95	2.7	13.8	0.10	1	0.02	23.09	7.8	5.5	6.26	1.0	1.3	1.26	6.2	4.31	7.26	528	7
82N14	2005	1173	11	480314	5760732	6		0.36	0.10	2.5	32.1	0.06	13	0.06	15.62	6.9	4.6	6.53	1.2	0.5	1.03	11.2	7.33	9.35	318	19
82N14	2005	1174	11	479745	5760640	6		0.40	0.04	3.1	23.7	0.05	1	0.06	28.56	9.4	6.4	10.77	1.1	0.2	1.43	7.7	10.75	1.82	273	9
82N14	2005	1175	11	483675	5740415	1		0.84	0.85	4.0	26.6	0.20	5	0.09	4.28	17.3	14.3	18.22	2.3	0.9	2.67	5.4	12.15	1.80	559	23
82N14	2005	1176	11	482106	5741172	6		0.59	0.72	3.8	27.3	0.11	2	0.03	15.69	11.1	8.6	12.66	1.7	0.3	1.81	8.7	8.07	4.43	455	15
82N14	2005	1177	11	485765	5739692	6		0.25	0.46	4.5	11.0	0.08	2	0.03	23.03	7.1	6.4	5.87	0.7	0.7	1.33	9.0	3.73	7.06	439	12
82N14	2005	1178	11	488169	5737490	6		0.51	0.16	3.4	61.3	0.22	2	0.05	8.91	8.8	12.3	14.56	1.4	0.8	1.99	11.2	9.16	2.39	369	19

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
82N14	2005	1135	11	466990	5741952	6		0.29	18.8	0.060	0.02	1.8	<0.1	24	0.002	172.7	0.03	0.03	<0.02	5.4	0.002	<0.1	0.7	5	31.8
82N14	2005	1136	11	469576	5744823	6		0.64	15.8	0.026	0.07	2.3	0.4	21	0.006	219.3	0.10	0.03	0.03	3.1	0.006	<0.1	0.5	6	12.9
82N14	2005	1137	11	469987	5744772	6		0.18	23.1	0.050	0.03	3.2	0.2	13	0.004	253.5	0.04	0.03	<0.02	5.6	0.002	<0.1	0.3	8	53.1
82N14	2005	1138	11	469541	5745888	6		0.26	19.3	0.064	0.03	3.1	0.3	18	0.007	207.5	0.04	0.04	<0.02	5.1	0.002	<0.1	0.3	9	37.3
82N14	2005	1139	11	468891	5747320	6		0.16	32.3	0.047	0.03	3.8	0.1	14	0.003	139.0	0.04	0.02	<0.02	6.6	0.002	<0.1	0.4	11	75.6
82N14	2005	1140	11	468139	5747708	6		0.56	25.5	0.056	0.06	3.3	0.4	28	0.004	90.7	0.05	<0.02	0.03	6.0	0.004	<0.1	0.8	8	45.2
82N14	2005	1142	11	477732	5751384	6		0.49	18.1	0.062	0.05	3.2	0.7	35	0.008	299.8	0.08	0.02	0.05	3.0	0.009	<0.1	0.5	14	82.6
82N14	2005	1143	11	467999	5748562	6		0.56	28.3	0.058	0.04	2.9	0.4	23	0.004	128.4	0.02	<0.02	0.03	5.8	0.003	<0.1	0.5	8	57.7
82N14	2005	1144	11	467460	5750610	6		0.55	20.2	0.049	0.11	4.2	0.5	28	0.005	82.7	0.05	<0.02	0.05	4.4	0.005	<0.1	0.5	8	27.4
82N14	2005	1145	11	466882	5750728	6		0.34	13.7	0.027	0.04	3.2	0.6	21	0.005	446.0	0.10	0.03	0.02	3.9	0.002	<0.1	0.5	5	24.5
82N13	2005	1146	11	464007	5751972	6		0.23	23.3	0.048	0.02	2.7	0.2	20	0.004	207.6	0.12	<0.02	<0.02	5.1	0.002	<0.1	0.4	5	34.0
82N14	2005	1147	11	466230	5755337	6		0.35	24.1	0.055	0.03	3.5	0.3	21	0.005	146.2	0.07	0.02	0.02	4.3	0.004	<0.1	0.4	10	42.6
82N14	2005	1148	11	467013	5750987	6	10	0.27	15.4	0.035	0.02	2.7	0.2	20	0.006	300.1	0.05	0.02	<0.02	4.2	0.004	<0.1	0.4	7	25.1
82N14	2005	1149	11	467013	5750987	6	20	0.29	15.1	0.037	0.02	2.9	0.2	23	0.006	295.0	0.08	0.03	<0.02	4.3	0.004	<0.1	0.4	8	25.8
82N13	2005	1150	11	464023	5752205	6		0.27	14.4	0.027	0.03	3.1	0.3	25	0.007	308.4	0.08	0.03	0.02	3.7	0.005	<0.1	0.4	7	12.9
82N14	2005	1151	11	476535	5753095	6		0.19	9.8	0.024	0.03	2.8	0.6	9	0.007	391.5	0.04	0.04	<0.02	2.8	0.005	<0.1	0.3	11	13.8
82N14	2005	1153	11	474572	5756819	6		0.49	20.6	0.044	0.06	3.8	0.7	18	0.007	181.3	<0.01	<0.02	0.04	4.5	0.006	<0.1	0.5	9	22.2
82N14	2005	1154	11	475940	5760155	6		0.32	19.7	0.049	0.10	3.4	0.2	11	0.007	331.3	<0.01	0.02	0.04	6.1	0.013	<0.1	0.5	12	34.2
82N14	2005	1155	11	487405	5754243	6		0.34	2.8	0.014	0.02	0.6	0.1	5	0.015	49.4	0.09	<0.02	0.02	0.5	0.001	<0.1	0.3	5	4.9
82N14	2005	1156	11	487607	5754204	6		0.44	5.8	0.022	0.05	1.1	0.2	9	0.010	82.8	0.20	<0.02	0.04	0.9	0.001	<0.1	0.3	9	8.9
82N14	2005	1157	11	485405	5751843	6		0.30	15.5	0.069	0.03	2.7	0.1	8	0.005	292.4	0.06	<0.02	<0.02	3.7	0.002	<0.1	0.3	5	29.3
82N14	2005	1158	11	485804	5751555	6		0.17	9.6	0.021	0.05	2.3	0.2	7	0.008	433.7	0.04	<0.02	<0.02	2.7	0.006	<0.1	0.3	5	15.4
82N14	2005	1159	11	482852	5749061	6		0.24	8.8	0.017	0.02	2.1	0.2	8	0.009	290.2	0.04	0.03	<0.02	1.8	0.004	<0.1	0.3	8	9.6
82N14	2005	1160	11	483395	5748255	6		0.29	12.8	0.022	0.04	1.8	0.2	11	0.011	254.1	0.10	0.02	<0.02	2.3	0.007	<0.1	0.4	8	9.4
82N13	2005	1162	11	437037	5747302	6	10	0.42	22.6	0.148	0.36	1.4	0.2	34	0.012	8.2	0.12	0.03	0.19	6.8	0.078	0.5	6.4	14	28.5
82N13	2005	1163	11	437037	5747302	6	20	0.49	23.9	0.152	0.34	1.7	0.2	39	0.012	7.8	0.13	0.02	0.20	10.4	0.081	0.6	10.3	15	28.9
82N13	2005	1164	11	439102	5746099	6		0.60	45.5	0.073	0.31	1.7	0.5	86	0.011	11.2	0.04	<0.02	0.28	7.1	0.075	<0.1	1.6	19	38.1
82N13	2005	1165	11	442308	5751496	6		0.19	22.1	0.061	0.03	2.1	0.2	15	0.002	120.3	0.02	<0.02	0.02	7.4	0.003	<0.1	0.5	3	37.0
82N13	2005	1166	11	442400	5751346	6		0.08	27.8	0.043	0.01	1.9	<0.1	15	0.002	63.9	0.01	<0.02	<0.02	8.5	0.001	<0.1	0.3	7	45.8
82N14	2005	1167	11	474913	5740933	6		0.06	30.4	0.037	0.02	3.7	0.1	12	0.004	247.4	<0.01	<0.02	<0.02	7.4	0.001	<0.1	0.4	11	69.2
82N14	2005	1169	11	475496	5741118	6		0.09	32.7	0.044	0.02	3.7	0.1	15	0.003	188.7	0.03	<0.02	<0.02	8.7	0.002	<0.1	0.4	10	66.6
82N14	2005	1170	11	478682	5736051	6		0.24	17.0	0.077	0.01	2.8	0.4	26	0.005	98.5	0.05	<0.02	<0.02	4.9	0.001	<0.1	0.3	9	25.8
82N14	2005	1171	11	478741	5736218	6		1.20	19.2	0.068	0.04	2.7	0.4	22	0.004	173.9	0.13	<0.02	0.10	3.1	0.001	<0.1	0.5	9	30.7
82N14	2005	1172	11	481625	5747365	6		0.20	12.5	0.021	0.02	1.7	0.3	10	0.011	176.6	0.05	0.04	0.02	2.6	0.003	<0.1	0.3	7	13.4
82N14	2005	1173	11	480314	5760732	6		0.58	11.2	0.058	0.08	1.4	0.6	18	0.012	52.3	0.09	0.02	0.08	1.1	0.016	<0.1	0.3	15	14.6
82N14	2005	1174	11	479745	5760640	6		0.19	13.1	0.053	0.03	2.8	0.2	8	0.005	478.0	0.15	0.03	<0.02	3.2	0.002	<0.1	0.3	10	37.2
82N14	2005	1175	11	483675	5740415	1		0.39	26.8	0.082	0.04	4.1	0.5	20	0.004	66.5	0.06	0.02	0.03	4.8	0.002	<0.1	0.6	11	55.8
82N14	2005	1176	11	482106	5741172	6		0.30	15.6	0.038	0.05	2.9	0.3	11	0.008	163.9	0.02	0.03	0.03	4.1	0.002	<0.1	0.3	7	27.2
82N14	2005	1177	11	485765	5739692	6		0.19	12.1	0.016	0.02	2.3	0.4	7	0.009	229.5	0.07	0.02	<0.02	2.4	0.002	<0.1	0.2	9	6.1
82N14	2005	1178	11	488169	5737490	6		0.25	23.2	0.054	0.05	3.5	0.5	14	0.004	164.8	0.09	<0.02	0.02	4.5	0.002	<0.1	0.4	8	30.6

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
82N14	2005	1179	11	494161	5736502	6		0.28	0.05	1.9	29.1	0.04	2	0.02	26.46	14.7	4.5	6.01	1.0	<0.2	0.81	9.9	3.94	5.55	275	9
82N14	2005	1180	11	494382	5735605	6		0.83	0.06	1.3	152.3	0.10	5	0.02	14.64	23.6	9.1	12.15	2.6	0.4	1.51	15.8	7.10	3.61	396	10
82N14	2005	1182	11	498151	5734590	6		0.68	0.07	2.8	59.8	0.13	2	0.04	15.81	27.0	10.4	16.85	2.1	0.5	1.92	10.3	8.58	2.82	456	10
82N14	2005	1183	11	498162	5734899	6		0.44	0.14	6.2	25.8	0.10	1	0.03	17.14	23.5	11.4	17.85	1.2	1.0	1.90	9.9	7.67	3.75	442	37
82N14	2005	1184	11	492129	5742682	6		0.28	0.22	4.4	29.4	0.06	1	0.04	23.34	11.8	5.6	6.39	1.0	0.4	0.95	8.2	5.54	7.94	369	9
82N14	2005	1185	11	491700	5740757	6	10	1.61	0.11	2.1	9.9	0.17	1	0.03	8.45	34.0	16.4	20.86	4.8	0.7	3.27	3.8	11.86	1.86	353	7
82N14	2005	1186	11	491700	5740757	6	20	1.59	0.11	2.3	10.6	0.19	1	0.04	8.19	34.2	16.4	21.47	4.8	0.5	3.22	3.9	13.04	1.91	339	8
82N14	2005	1187	11	492834	5744029	1		0.47	0.14	5.9	102.8	0.12	3	0.06	22.57	25.9	11.5	18.34	1.3	0.8	1.49	23.7	7.98	2.13	279	22
82N14	2005	1188	11	494059	5745735	6		0.70	0.12	2.7	36.1	0.19	1	0.02	9.74	14.8	12.0	16.98	2.2	0.8	2.16	8.7	9.44	1.95	310	17
82N11	2005	1189	11	469754	5712082	6		0.65	0.13	2.5	102.0	0.14	2	0.03	1.28	11.0	6.9	9.35	1.9	0.4	1.64	15.3	7.49	0.52	382	6
82N11	2005	1190	11	467579	5717023	6		1.71	0.23	7.6	149.5	0.24	2	0.05	0.86	33.3	15.5	24.01	5.1	2.1	3.92	15.5	15.43	0.91	631	19
82N11	2005	1192	11	481028	5715428	6		0.19	0.21	3.3	35.4	0.06	3	0.05	31.92	3.3	3.4	4.22	0.5	0.9	0.83	4.1	3.72	0.70	229	7
82N11	2005	1193	11	481419	5719140	6		0.19	0.21	2.5	6.1	0.05	<1	0.04	32.38	4.0	5.5	6.28	0.5	0.7	1.12	10.3	5.01	2.56	273	<5
82N11	2005	1194	11	480157	5721762	6		0.24	0.21	3.3	10.3	0.07	1	0.05	31.10	6.3	6.9	7.62	0.7	0.5	1.30	12.5	6.82	1.95	249	<5
82N11	2005	1195	11	482422	5723043	6		0.84	0.19	2.2	11.9	0.11	3	0.04	17.49	13.5	10.8	12.07	2.3	0.6	2.24	18.2	6.69	1.98	402	9
82N11	2005	1196	11	483829	5723521	6		1.09	0.11	2.1	12.1	0.13	2	0.04	7.48	17.7	11.4	11.90	3.1	0.5	2.54	13.0	10.29	1.70	366	11
82N11	2005	1197	11	486625	5726610	6		0.83	0.32	6.6	14.5	0.24	1	0.07	7.57	16.7	17.8	28.38	2.7	0.4	3.67	3.3	16.26	1.81	558	22
82N11	2005	1198	11	481275	5728630	6		1.44	0.19	2.5	11.6	0.21	1	0.08	3.40	29.3	18.6	24.17	4.4	0.6	3.59	2.4	17.58	1.13	416	11
82N11	2005	1199	11	481487	5728971	6		1.00	0.46	5.2	15.3	0.36	2	0.05	6.59	19.0	17.2	32.07	3.0	0.6	3.42	4.9	12.96	1.40	636	22
82N11	2005	1200	11	474519	5733048	6		0.89	0.37	6.5	8.3	0.11	1	0.10	16.89	17.8	11.2	14.81	2.8	0.5	2.32	17.8	11.95	2.01	342	5
82N11	2005	1202	11	474256	5733110	6		1.09	0.69	24.7	16.7	0.15	2	0.14	6.49	22.6	14.5	19.17	3.2	1.8	2.76	23.5	13.82	1.03	377	7
82N11	2005	1204	11	487610	5727769	6		0.52	0.32	9.7	10.3	0.19	3	0.04	13.12	11.4	8.7	15.34	1.5	1.4	2.03	3.3	9.07	6.62	537	24
82N11	2005	1205	11	488628	5729228	6	10	0.60	0.42	6.5	28.4	0.15	4	0.28	10.42	12.1	10.0	22.55	1.8	0.7	2.03	11.8	13.08	3.00	351	48
82N11	2005	1206	11	488628	5729228	6	20	0.59	0.38	6.2	25.4	0.13	4	0.25	9.84	11.5	9.6	21.42	1.8	<0.2	1.99	10.6	12.07	2.96	343	39
82N11	2005	1207	11	488831	5729071	6		1.50	0.14	3.0	26.4	0.26	2	0.05	3.23	25.5	14.9	25.84	4.4	0.7	3.23	10.8	15.16	2.08	544	12
82N11	2005	1208	11	494805	5727521	6		0.80	0.09	2.5	56.9	0.15	3	0.07	10.50	14.9	9.5	14.12	2.6	0.4	2.06	11.9	11.72	2.31	484	10
82N11	2005	1209	11	495839	5727711	6		1.40	0.09	1.8	143.8	0.18	6	0.06	7.70	25.7	10.8	15.96	4.7	0.7	2.36	20.8	14.64	2.39	529	13
82N11	2005	1210	11	498610	5727372	6		1.47	0.07	1.4	61.5	0.24	2	0.06	5.40	30.9	17.3	26.26	4.6	1.0	3.10	11.3	15.17	2.11	657	7
82N11	2005	1211	11	498695	5727080	6		0.66	0.08	2.4	17.8	0.12	2	0.02	20.23	13.6	7.8	14.23	2.2	<0.2	1.99	5.6	6.74	2.95	491	<5
82N11	2005	1212	11	486133	5717620	6		2.24	0.11	1.7	10.4	0.27	2	0.04	2.28	38.7	19.1	23.81	6.3	0.4	4.28	26.4	17.28	1.75	441	<5
82N11	2005	1213	11	486371	5717558	6		1.82	0.13	1.5	12.1	0.26	3	0.05	3.84	33.0	16.7	25.54	5.2	0.8	3.47	13.1	10.97	1.61	410	<5
82N11	2005	1214	11	488538	5713212	6		1.29	0.22	6.6	12.4	0.19	1	0.04	6.33	24.3	14.1	17.38	4.0	0.9	3.11	13.5	14.02	1.83	469	6
82N11	2005	1215	11	488313	5712931	6		1.01	0.57	5.3	23.4	0.25	1	0.05	7.53	21.4	16.5	20.73	3.1	0.6	3.50	12.3	15.72	0.98	566	7
82N11	2005	1216	11	490264	5711056	6		1.41	0.15	1.7	16.3	0.20	2	0.02	8.64	29.0	15.5	18.39	4.3	0.7	3.56	13.8	13.32	1.96	496	<5
82N11	2005	1217	11	491071	5713940	6		1.66	0.06	1.0	10.6	0.23	2	0.03	6.12	34.5	16.6	19.86	5.3	0.8	3.27	15.5	12.15	1.73	421	<5
82N11	2005	1218	11	491812	5714175	6		1.44	0.14	1.5	14.3	0.21	4	0.03	8.12	27.1	14.7	16.94	4.1	0.5	3.30	15.7	12.29	1.87	475	<5
82N11	2005	1219	11	494514	5714228	6		1.78	0.12	1.1	40.9	0.24	2	0.09	1.29	31.6	16.4	21.53	5.2	3.3	3.54	19.5	19.01	1.34	626	18
82N11	2005	1220	11	495477	5714642	6		1.01	0.15	2.4	36.6	0.21	1	0.04	5.88	21.5	12.2	14.48	2.9	0.7	2.71	14.2	14.22	2.65	524	7
82N11	2005	1222	11	497465	5715452	6		1.63	0.10	1.6	12.4	0.32	1	0.03	6.35	30.8	18.5	27.28	5.0	2.0	3.63	9.4	15.29	1.47	463	<5
82N11	2005	1223	11	498122	5716125	1		0.42	0.16	3.1	12.9	0.10	2	0.05	19.93	6.1	7.3	5.80	1.0	0.9	1.71	9.1	5.84	7.15	571	5

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
82N14	2005	1179	11	494161	5736502	6		0.06	11.9	0.028	0.06	2.2	0.2	5	0.009	322.4	0.08	0.02	<0.02	2.8	0.005	<0.1	0.3	9	12.8
82N14	2005	1180	11	494382	5735605	6		0.23	20.4	0.039	0.24	3.2	0.3	10	0.008	296.9	0.06	0.02	0.05	5.0	0.012	<0.1	0.5	12	26.6
82N14	2005	1182	11	498151	5734590	6		0.20	23.7	0.061	0.06	3.2	0.2	10	0.006	325.7	0.07	0.02	0.02	4.4	0.007	<0.1	0.4	9	33.4
82N14	2005	1183	11	498162	5734899	6		0.56	27.1	0.095	0.02	4.9	0.2	13	0.006	244.1	0.10	0.03	<0.02	4.5	0.002	0.4	0.4	14	26.0
82N14	2005	1184	11	492129	5742682	6		0.24	13.5	0.024	0.04	1.9	0.2	7	0.011	187.9	0.04	<0.02	<0.02	2.3	0.005	<0.1	0.3	9	14.1
82N14	2005	1185	11	491700	5740757	6	10	0.17	34.0	0.076	0.01	3.9	0.1	10	0.003	144.5	0.05	<0.02	<0.02	7.4	0.001	<0.1	0.5	12	65.4
82N14	2005	1186	11	491700	5740757	6	20	0.21	33.4	0.075	0.01	4.0	0.2	14	0.003	145.1	<0.01	<0.02	<0.02	7.8	0.001	<0.1	0.5	12	64.3
82N14	2005	1187	11	492834	5744029	1		0.42	21.4	0.048	0.04	3.2	0.5	15	0.005	369.7	0.02	0.02	0.02	3.3	0.004	<0.1	0.4	13	19.2
82N14	2005	1188	11	494059	5745735	6		0.24	24.3	0.072	0.03	3.1	0.1	13	0.003	176.4	0.01	0.02	0.02	6.6	0.002	<0.1	0.5	5	38.8
82N11	2005	1189	11	469754	5712082	6		0.17	13.3	0.040	0.05	1.1	0.1	18	0.004	28.3	0.02	0.02	0.04	5.3	0.011	<0.1	0.5	7	24.2
82N11	2005	1190	11	467579	5717023	6		0.23	39.2	0.062	0.03	1.9	0.3	52	0.005	36.3	0.04	<0.02	0.03	7.8	0.004	<0.1	1.3	14	83.3
82N11	2005	1192	11	481028	5715428	6		0.09	5.9	0.015	0.01	0.7	0.6	10	0.005	419.1	0.01	0.05	<0.02	1.3	0.001	<0.1	0.3	4	19.0
82N11	2005	1193	11	481419	5719140	6		0.07	8.5	0.018	0.01	2.1	0.2	7	0.003	570.4	<0.01	0.06	<0.02	2.9	0.002	<0.1	0.3	2	13.6
82N11	2005	1194	11	480157	5721762	6		0.07	9.2	0.020	0.02	2.7	0.5	7	0.002	556.0	0.03	0.06	<0.02	2.9	0.002	0.1	0.3	<2	18.9
82N11	2005	1195	11	482422	5723043	6		0.27	19.9	0.042	0.02	2.6	0.3	9	0.002	402.3	0.04	<0.02	<0.02	5.3	0.003	<0.1	0.4	2	32.3
82N11	2005	1196	11	483829	5723521	6		0.15	26.0	0.089	0.03	1.8	0.1	10	0.002	226.9	0.01	0.02	<0.02	6.6	0.004	<0.1	0.4	4	54.2
82N11	2005	1197	11	486625	5726610	6		0.64	35.8	0.058	0.02	4.2	0.2	25	0.003	106.2	0.06	<0.02	0.02	6.6	0.001	<0.1	0.5	5	72.1
82N11	2005	1198	11	481275	5728630	6		0.23	41.3	0.064	0.02	4.1	0.2	19	0.003	51.9	0.04	0.02	<0.02	7.4	0.001	<0.1	0.5	12	88.6
82N11	2005	1199	11	481487	5728971	6		0.24	33.2	0.062	0.03	3.8	0.2	18	0.003	127.3	0.04	0.02	0.02	8.0	0.002	<0.1	0.6	8	57.3
82N11	2005	1200	11	474519	5733048	6		0.43	22.7	0.041	0.01	2.8	0.2	20	0.002	245.8	0.04	0.03	<0.02	6.5	0.001	<0.1	0.5	5	50.9
82N11	2005	1202	11	474256	5733110	6		0.83	34.4	0.057	0.01	2.8	0.3	27	0.002	78.6	0.12	<0.02	0.02	9.1	0.001	<0.1	0.7	8	67.8
82N11	2005	1204	11	487610	5727769	6		0.21	18.2	0.059	0.02	2.8	0.3	21	0.009	63.2	0.04	0.03	<0.02	4.0	0.002	<0.1	0.3	8	27.7
82N11	2005	1205	11	488628	5729228	6	10	2.64	27.6	0.086	0.11	2.5	0.6	39	0.005	95.3	0.19	0.04	0.29	3.8	0.002	<0.1	0.8	16	74.4
82N11	2005	1206	11	488628	5729228	6	20	2.36	26.7	0.081	0.09	2.4	0.5	38	0.004	94.3	0.12	0.03	0.25	3.5	0.002	<0.1	0.8	14	62.8
82N11	2005	1207	11	488831	5729071	6		0.25	29.9	0.079	0.05	3.6	0.2	42	0.004	45.6	0.05	<0.02	0.02	6.8	0.002	<0.1	0.5	11	65.5
82N11	2005	1208	11	494805	5727521	6		0.34	19.2	0.065	0.07	2.7	0.4	17	0.005	234.5	0.06	<0.02	0.03	4.2	0.004	<0.1	0.6	6	43.0
82N11	2005	1209	11	495839	5727711	6		0.38	23.7	0.052	0.25	4.0	0.5	17	0.006	231.2	0.08	<0.02	0.07	4.9	0.011	<0.1	0.9	16	51.6
82N11	2005	1210	11	498610	5727372	6		0.18	34.8	0.067	0.07	3.4	0.1	15	0.006	145.7	0.09	0.02	0.02	7.8	0.003	<0.1	0.5	11	70.4
82N11	2005	1211	11	498695	5727080	6		0.15	16.7	0.044	0.03	3.4	0.2	15	0.006	449.6	0.10	0.04	<0.02	3.5	0.001	<0.1	0.3	7	32.8
82N11	2005	1212	11	486133	5717620	6		0.26	44.6	0.069	0.02	2.1	0.1	19	0.002	108.5	0.06	<0.02	0.02	10.5	0.003	<0.1	0.5	12	96.4
82N11	2005	1213	11	486371	5717558	6		0.19	37.8	0.059	0.01	2.2	0.1	13	0.002	117.4	0.09	0.02	<0.02	7.6	0.001	<0.1	0.5	9	84.6
82N11	2005	1214	11	488538	5713212	6		0.24	31.1	0.065	0.03	2.1	0.3	15	0.002	164.2	0.04	0.03	<0.02	6.7	0.002	<0.1	0.5	6	71.1
82N11	2005	1215	11	488313	5712931	6		0.27	33.1	0.052	0.02	2.6	0.3	12	0.004	157.8	0.07	<0.02	<0.02	7.1	0.002	<0.1	0.5	7	82.9
82N11	2005	1216	11	490264	5711056	6		0.22	36.4	0.054	0.02	2.4	<0.1	11	0.004	180.4	0.02	<0.02	<0.02	7.4	0.001	<0.1	0.5	10	77.3
82N11	2005	1217	11	491071	5713940	6		0.13	36.0	0.056	0.03	2.3	<0.1	11	0.002	141.6	0.03	<0.02	<0.02	6.7	0.001	<0.1	0.4	9	79.6
82N11	2005	1218	11	491812	5714175	6		0.21	33.5	0.051	0.02	2.3	0.1	12	0.005	180.5	<0.01	0.02	0.02	7.3	0.002	<0.1	0.5	8	70.9
82N11	2005	1219	11	494514	5714228	6		0.32	36.8	0.060	0.04	3.2	0.4	29	0.003	80.7	0.03	<0.02	0.03	7.7	0.002	<0.1	0.6	10	95.5
82N11	2005	1220	11	495477	5714642	6		0.44	25.0	0.046	0.02	2.9	0.4	18	0.005	84.7	0.02	<0.02	0.07	10.1	0.002	<0.1	0.6	11	54.7
82N11	2005	1222	11	497465	5715452	6		0.22	40.8	0.056	0.02	3.0	<0.1	16	0.003	170.3	0.07	0.02	<0.02	8.5	0.001	<0.1	0.4	11	89.4
82N11	2005	1223	11	498122	5716125	1		0.40	13.7	0.027	0.05	1.9	0.3	10	0.010	122.2	<0.01	0.02	0.03	2.4	0.003	<0.1	0.5	10	12.1

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
82N11	2005	1224	11	494987	5717803	6	10	1.52	0.08	1.2	10.6	0.25	2	0.03	10.11	27.4	14.6	21.84	4.5	0.3	3.09	11.1	11.12	2.88	431	<5
82N11	2005	1225	11	494987	5717803	6	20	1.59	0.08	1.3	10.9	0.26	1	0.03	9.26	28.5	15.5	20.87	4.6	0.7	3.12	13.4	10.70	2.75	423	<5
82N11	2005	1226	11	495226	5717977	6		0.19	0.13	3.6	5.7	0.05	2	0.03	28.87	3.4	3.2	2.88	0.4	0.2	0.95	5.2	4.88	7.09	287	6
82N11	2005	1227	11	499136	5716864	6		0.23	0.06	2.0	10.5	0.06	2	0.04	28.00	5.7	4.7	5.09	0.6	0.3	1.13	8.2	4.23	3.38	222	5
82N11	2005	1228	11	499385	5716331	6		1.64	0.08	1.4	16.1	0.28	2	0.04	5.98	28.4	15.1	18.27	4.9	0.7	3.29	13.8	15.24	2.06	516	10
82N10	2005	1229	11	502847	5717961	6		0.59	0.25	3.2	33.5	0.13	5	0.07	19.87	24.0	10.1	11.00	1.7	0.4	1.98	17.3	9.66	4.23	431	16
82N10	2005	1231	11	502439	5718799	6		0.57	0.17	2.4	16.2	0.14	2	0.03	20.79	12.7	8.3	11.51	2.0	0.8	1.87	6.4	7.72	4.78	458	9
82N11	2005	1232	11	498683	5721690	6		0.27	0.11	2.3	11.2	0.08	15	0.04	36.83	6.2	5.2	7.22	0.8	0.5	1.26	8.4	6.07	3.12	280	6
82N11	2005	1233	11	499601	5721860	6		1.62	0.12	2.3	32.6	0.29	1	0.07	3.94	27.6	16.6	29.20	4.6	0.5	3.52	5.8	16.00	1.58	676	31
82N10	2005	1234	11	505653	5723557	6		0.72	0.09	2.2	123.6	0.09	3	0.04	14.77	49.4	9.6	13.24	2.4	0.7	1.65	21.8	6.01	5.47	473	9
82N10	2005	1235	11	506082	5723362	6		0.69	0.09	2.8	71.8	0.12	2	0.03	17.25	33.8	11.0	15.66	2.2	0.5	1.98	11.0	8.94	4.96	513	6
82N10	2005	1236	11	505578	5720911	6		1.00	0.18	3.5	90.2	0.20	3	0.06	4.96	27.1	13.4	19.39	2.8	0.8	2.58	12.7	12.15	2.59	532	21
82N10	2005	1237	11	504815	5721938	6		1.42	0.11	2.7	62.0	0.24	1	0.05	8.20	36.8	15.5	23.07	4.2	0.7	3.07	10.5	13.87	2.56	565	5
82N10	2005	1238	11	505966	5718334	6		1.49	0.09	2.5	21.1	0.28	<1	0.03	13.04	29.0	15.4	22.19	4.2	0.4	3.35	8.4	14.03	1.45	551	<5
82N10	2005	1239	11	506786	5717366	6		0.35	0.22	3.1	20.2	0.09	<1	0.03	18.92	14.4	7.7	8.58	0.9	0.2	1.71	12.6	5.82	6.25	464	7
82N10	2005	1240	11	507499	5717562	6		1.64	0.13	2.2	68.9	0.31	4	0.09	1.37	30.5	14.8	26.78	4.7	0.5	3.49	8.5	22.56	0.99	950	32
82N10	2005	1242	11	508707	5716661	6		1.04	0.32	5.6	46.8	0.23	4	0.13	6.94	19.4	11.7	16.27	2.7	0.2	3.31	13.6	17.60	3.60	1291	37
82N10	2005	1243	11	511112	5719567	6		0.43	0.08	2.5	29.6	0.09	1	0.02	22.31	15.5	7.5	13.20	1.2	0.6	1.47	8.4	6.35	2.68	389	<5
82N10	2005	1244	11	511125	5718592	6		1.42	0.12	3.0	33.1	0.22	2	0.10	5.79	23.8	13.0	17.89	3.7	0.2	2.77	12.0	17.28	1.21	571	17
82N10	2005	1245	11	511332	5719428	6		1.75	0.12	1.9	50.5	0.28	2	0.06	1.74	32.9	17.3	23.26	5.0	0.3	3.40	9.3	16.06	1.67	578	16
82N15	2005	1247	11	518198	5735117	6		0.40	0.09	4.1	13.0	0.06	3	0.03	18.13	9.8	6.1	9.89	1.1	0.5	1.37	9.5	6.29	5.48	524	19
82N15	2005	1248	11	518597	5736288	6	10	0.45	0.08	1.9	27.7	0.10	3	0.03	19.89	10.7	5.6	9.18	1.8	0.3	1.33	8.7	6.88	7.49	364	8
82N15	2005	1249	11	518597	5736288	6	20	0.47	0.07	1.7	35.8	0.08	3	0.02	17.49	11.4	6.2	10.02	1.8	0.5	1.37	8.5	6.40	6.87	350	6
82N10	2005	1250	11	519423	5732852	6		0.62	0.13	3.9	29.7	0.10	7	0.06	12.42	12.8	8.1	9.50	1.8	0.2	1.49	17.4	10.11	4.30	642	30
82N10	2005	1251	11	519706	5732614	6		1.40	0.14	1.6	146.0	0.23	7	0.09	2.17	29.2	13.6	25.30	3.8	1.4	2.48	9.6	15.84	1.23	452	36
82N10	2005	1252	11	520532	5731243	6		1.19	0.10	2.3	66.1	0.19	9	0.05	8.96	25.2	12.7	23.53	3.7	0.6	2.25	11.3	14.68	2.79	471	16
82N10	2005	1253	11	518263	5719127	6		1.14	0.12	2.9	44.6	0.13	4	0.05	7.69	19.9	8.6	9.67	2.8	<0.2	2.21	10.4	8.10	2.78	593	28
82N10	2005	1254	11	518382	5717357	1		0.56	0.27	10.2	73.4	0.16	4	0.05	5.12	14.8	12.6	16.54	1.4	0.5	2.30	10.2	12.51	1.34	537	154
82N10	2005	1255	11	517913	5716868	6		1.13	0.06	3.0	16.3	0.16	1	0.02	11.11	20.0	10.9	14.33	3.1	0.2	2.22	10.7	9.06	1.60	361	13
82N10	2005	1256	11	516476	5714710	6		0.87	0.06	1.8	13.7	0.19	1	0.03	7.22	18.4	15.7	17.18	2.6	0.4	3.05	3.2	8.09	1.14	423	9
82N10	2005	1257	11	514821	5713001	6		1.67	0.21	1.8	16.9	0.30	1	0.03	6.60	30.6	18.4	24.48	5.0	0.4	3.46	5.1	13.87	1.53	441	8
82N10	2005	1258	11	515995	5708815	6		0.70	0.27	2.2	25.1	0.20	1	0.13	5.76	12.4	15.4	21.15	1.8	0.4	3.12	12.7	22.27	1.01	312	12
82N10	2005	1259	11	515716	5708615	6		1.40	0.12	1.3	16.0	0.17	1	0.03	4.73	26.6	15.7	19.77	3.9	<0.2	3.32	17.9	15.70	1.26	419	<5
82N10	2005	1260	11	515951	5708981	6		1.15	0.08	1.7	19.3	0.17	1	0.03	9.23	21.2	14.9	18.44	3.2	0.4	3.02	11.2	13.44	1.58	475	6
82N10	2005	1262	11	505119	5707294	6		0.56	0.09	2.6	14.2	0.09	<1	0.03	18.33	10.7	7.8	7.71	1.4	0.4	1.63	7.4	6.00	3.25	508	13
82N12	2005	1263	11	447860	5725765	6	10	1.42	0.10	2.8	181.0	0.39	1	0.03	0.20	65.4	15.8	46.16	5.1	0.6	3.04	23.9	8.18	0.93	339	6
82N12	2005	1264	11	447860	5725765	6	20	1.43	0.15	3.1	187.4	0.44	1	0.05	0.22	67.6	17.4	54.83	5.4	0.9	3.21	26.8	9.40	0.94	355	<5
82N12	2005	1265	11	447035	5726469	6		0.95	0.04	0.4	114.0	0.25	1	0.06	0.53	18.5	8.8	27.56	3.4	0.5	2.01	13.0	4.13	0.69	222	<5
82N12	2005	1266	11	442705	5727594	6		1.07	0.03	1.1	57.7	0.34	2	0.07	2.06	20.8	17.5	57.77	3.3	0.5	2.73	26.4	4.83	0.63	194	<5
82N12	2005	1267	11	444344	5727887	6		1.01	0.02	0.7	138.7	0.44	<1	0.05	0.27	21.8	8.0	23.18	3.8	1.1	2.16	23.3	6.54	0.50	241	7

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
82N11	2005	1224	11	494987	5717803	6	10	0.17	31.7	0.046	0.02	2.3	0.1	10	0.004	155.4	<0.01	<0.02	<0.02	5.5	0.002	<0.1	0.4	10	68.2
82N11	2005	1225	11	494987	5717803	6	20	0.16	32.0	0.046	0.02	2.3	0.1	11	0.004	153.2	0.03	<0.02	<0.02	5.9	0.001	<0.1	0.4	13	70.3
82N11	2005	1226	11	495226	5717977	6		0.59	6.8	0.010	0.02	1.2	0.3	7	0.008	219.6	0.03	<0.02	0.03	1.2	0.002	<0.1	0.4	12	6.4
82N11	2005	1227	11	499136	5716864	6		0.14	10.0	0.016	0.02	2.0	0.5	7	0.005	593.0	0.01	0.04	<0.02	1.9	0.003	<0.1	0.2	11	12.6
82N11	2005	1228	11	499385	5716331	6		0.16	32.8	0.070	0.03	2.9	0.2	15	0.004	169.8	0.03	0.02	0.02	8.2	0.002	<0.1	0.5	10	75.1
82N10	2005	1229	11	502847	5717961	6		0.74	24.4	0.054	0.08	2.9	0.7	17	0.007	421.2	0.05	0.03	0.04	3.3	0.012	<0.1	0.6	10	29.6
82N10	2005	1231	11	502439	5718799	6		0.29	17.8	0.031	0.03	2.2	0.2	8	0.006	328.2	0.06	<0.02	<0.02	3.3	0.002	<0.1	0.3	10	30.8
82N11	2005	1232	11	498683	5721690	6		0.21	7.3	0.016	0.02	2.5	0.2	6	0.007	770.8	0.03	0.03	<0.02	2.3	0.001	<0.1	0.3	3	17.9
82N11	2005	1233	11	499601	5721860	6		0.38	34.3	0.064	0.03	3.8	0.2	16	0.003	105.7	0.04	<0.02	0.02	6.6	0.002	<0.1	0.5	12	76.2
82N10	2005	1234	11	505653	5723557	6		0.39	28.4	0.072	0.22	4.0	0.1	14	0.010	197.7	0.02	<0.02	0.05	5.1	0.043	0.1	0.6	26	18.1
82N10	2005	1235	11	506082	5723362	6		0.46	25.3	0.045	0.11	3.2	0.1	13	0.010	269.5	0.10	<0.02	0.03	4.3	0.014	<0.1	0.5	15	25.5
82N10	2005	1236	11	505578	5720911	6		0.41	29.1	0.077	0.07	3.4	0.7	19	0.006	145.0	0.04	0.02	0.03	4.9	0.005	<0.1	0.7	13	44.6
82N10	2005	1237	11	504815	5721938	6		0.28	35.4	0.054	0.07	4.1	0.1	17	0.005	200.2	0.01	<0.02	0.03	6.0	0.009	<0.1	0.5	16	59.0
82N10	2005	1238	11	505966	5718334	6		0.23	34.4	0.050	0.02	3.7	0.1	10	0.003	256.4	<0.01	0.02	<0.02	7.4	0.002	<0.1	0.3	10	60.7
82N10	2005	1239	11	506786	5717366	6		2.27	19.3	0.036	0.03	2.4	0.1	10	0.009	284.6	0.01	<0.02	0.02	3.4	0.006	<0.1	0.4	11	16.5
82N10	2005	1240	11	507499	5717562	6		0.36	30.5	0.078	0.04	3.3	1.1	23	0.003	65.0	0.05	<0.02	0.03	4.1	0.003	<0.1	0.8	12	74.7
82N10	2005	1242	11	508707	5716661	6		2.37	24.2	0.094	0.04	3.5	1.0	32	0.007	60.8	0.06	<0.02	0.06	2.6	0.006	<0.1	1.0	17	53.2
82N10	2005	1243	11	511112	5719567	6		0.18	15.8	0.047	0.04	2.5	0.1	8	0.005	499.6	0.03	0.02	<0.02	3.3	0.003	<0.1	0.3	5	16.3
82N10	2005	1244	11	511125	5718592	6		0.29	23.1	0.101	0.04	3.1	0.4	17	0.002	129.1	0.02	<0.02	0.02	5.2	0.003	<0.1	0.5	7	59.7
82N10	2005	1245	11	511332	5719428	6		0.33	37.5	0.068	0.03	3.3	0.2	20	0.003	205.0	0.01	<0.02	0.03	6.7	0.004	<0.1	0.8	12	78.8
82N15	2005	1247	11	518198	5735117	6		0.29	11.3	0.087	0.04	2.8	0.1	12	0.008	171.1	0.09	<0.02	0.02	3.2	0.002	<0.1	0.4	4	14.9
82N15	2005	1248	11	518597	5736288	6	10	0.27	11.7	0.025	0.09	2.3	0.1	10	0.011	156.6	0.10	0.02	0.04	3.3	0.005	<0.1	0.4	5	20.7
82N15	2005	1249	11	518597	5736288	6	20	0.30	12.8	0.027	0.09	2.2	0.1	7	0.010	168.1	0.11	<0.02	0.03	2.9	0.004	<0.1	0.4	6	26.7
82N10	2005	1250	11	519423	5732852	6		0.44	14.2	0.157	0.09	3.0	0.4	17	0.008	90.5	0.06	<0.02	0.04	3.7	0.003	<0.1	0.5	7	24.3
82N10	2005	1251	11	519706	5732614	6		0.59	27.8	0.056	0.10	4.0	1.3	28	0.005	1285.7	0.12	0.04	0.06	3.5	0.003	<0.1	1.9	11	67.0
82N10	2005	1252	11	520532	5731243	6		0.53	26.9	0.042	0.16	4.0	0.6	16	0.006	357.1	0.06	0.02	0.06	5.4	0.003	<0.1	1.1	12	48.4
82N10	2005	1253	11	518263	5719127	6		0.38	17.0	0.100	0.03	2.5	0.7	15	0.006	108.0	0.04	<0.02	0.03	2.6	0.009	<0.1	0.7	9	42.0
82N10	2005	1254	11	518382	5717357	1		1.78	22.7	0.131	0.05	4.1	0.6	26	0.003	138.8	0.08	0.02	0.16	2.8	0.002	<0.1	0.7	9	21.7
82N10	2005	1255	11	517913	5716868	6		0.23	19.0	0.089	0.04	3.0	0.2	12	0.003	175.6	0.05	<0.02	<0.02	5.5	0.002	<0.1	0.4	5	41.8
82N10	2005	1256	11	516476	5714710	6		0.19	33.1	0.063	0.02	4.6	0.1	10	0.002	152.8	0.06	<0.02	<0.02	7.6	0.002	<0.1	0.4	7	56.6
82N10	2005	1257	11	514821	5713001	6		0.17	37.8	0.053	0.03	3.6	0.1	39	0.004	174.6	0.04	<0.02	<0.02	8.1	0.001	<0.1	0.4	9	76.2
82N10	2005	1258	11	515995	5708815	6		0.72	30.4	0.042	0.02	5.1	0.3	30	0.003	209.7	0.04	<0.02	0.02	5.4	0.002	<0.1	0.5	5	94.2
82N10	2005	1259	11	515716	5708615	6		0.70	36.9	0.083	0.02	3.4	<0.1	15	0.002	335.9	0.02	<0.02	<0.02	9.6	0.002	<0.1	0.5	7	83.6
82N10	2005	1260	11	515951	5708981	6		0.25	31.3	0.063	0.02	3.4	0.1	10	0.003	313.0	<0.01	<0.02	<0.02	6.3	0.002	<0.1	0.4	7	63.1
82N10	2005	1262	11	505119	5707294	6		0.16	13.3	0.079	0.02	1.9	0.2	8	0.005	384.2	0.02	0.02	<0.02	4.0	0.003	<0.1	0.3	5	23.2
82N12	2005	1263	11	447860	5725765	6	10	0.95	41.0	0.073	0.93	3.4	0.3	32	0.022	7.3	0.13	0.02	0.56	11.2	0.216	1.2	2.3	35	66.8
82N12	2005	1264	11	447860	5725765	6	20	1.07	45.0	0.075	0.92	3.6	0.3	40	0.023	7.8	0.13	0.03	0.58	12.2	0.223	1.3	2.6	37	75.6
82N12	2005	1265	11	447035	5726469	6		0.69	13.8	0.121	0.53	2.2	0.2	26	0.024	9.9	0.06	0.02	0.26	6.3	0.118	0.4	1.1	27	39.6
82N12	2005	1266	11	442705	5727594	6		0.50	47.1	0.154	0.46	1.7	0.4	47	0.052	87.9	0.98	0.03	0.20	11.6	0.081	2.4	2.6	19	29.4
82N12	2005	1267	11	444344	5727887	6		1.09	12.6	0.084	0.66	2.4	0.3	53	0.016	7.9	0.05	0.03	0.34	9.1	0.160	0.2	1.9	25	54.1

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
82N12	2005	1268	11	442572	5727812	6		0.44	<0.02	0.2	24.5	0.07	1	0.02	2.61	30.7	4.7	22.91	1.7	0.6	1.13	9.0	1.66	0.27	98	<5
82N12	2005	1269	11	431673	5728551	6		1.02	0.03	0.6	109.4	0.08	2	0.04	1.53	42.7	9.9	42.97	4.0	0.8	1.95	15.8	2.65	0.68	138	<5
82N12	2005	1270	11	431872	5728038	6		0.75	0.02	<0.1	34.9	0.14	<1	0.02	0.26	19.1	8.3	39.61	2.2	1.0	1.42	32.3	2.41	0.49	100	<5
82N12	2005	1271	11	430737	5712271	6		1.16	0.05	3.5	4.7	0.24	1	0.05	0.21	22.2	15.0	44.06	3.3	0.5	3.49	20.4	9.31	0.74	607	<5
82N12	2005	1272	11	431654	5710619	6		0.33	0.07	3.5	20.1	0.11	1	0.01	0.32	11.6	9.3	18.22	1.0	<0.2	1.59	11.5	7.87	0.30	243	<5
82N12	2005	1273	11	432023	5710571	6		0.59	0.04	2.0	12.5	0.09	1	0.04	1.25	48.6	13.7	28.15	2.1	0.7	3.23	7.5	5.22	0.85	661	<5
82N05	2005	1275	11	435153	5703027	6		0.82	0.15	3.7	24.0	0.16	2	0.05	0.22	12.7	15.1	22.46	2.3	1.2	2.14	32.5	10.51	0.53	392	<5
82N05	2005	1276	11	434958	5703183	6		0.49	0.08	5.8	15.9	0.17	1	0.02	0.27	9.1	15.5	25.22	1.5	0.7	2.10	8.3	11.80	0.43	342	<5
82N05	2005	1277	11	437682	5705640	6		0.80	0.06	3.6	20.4	0.13	1	0.05	0.41	87.9	16.9	29.10	2.7	1.1	4.03	6.1	6.63	0.84	498	<5
82N05	2005	1278	11	438424	5705420	6		0.73	0.15	4.9	19.5	0.25	1	0.08	0.50	22.1	16.2	33.02	2.0	8.3	3.19	9.4	12.45	0.85	531	<5
82N12	2005	1279	11	445687	5708085	6		1.42	0.08	2.1	8.7	0.30	<1	0.05	0.18	34.1	16.9	44.59	4.3	0.8	3.18	32.0	4.02	0.85	444	<5
82N12	2005	1280	11	445462	5706670	6		0.22	0.06	1.5	25.8	0.09	1	0.05	0.04	5.9	5.1	7.84	0.6	0.6	1.05	18.0	4.86	0.14	136	<5
82N12	2005	1282	11	445617	5706654	6		0.27	0.07	1.7	18.1	0.12	1	0.03	0.13	6.8	5.9	12.05	0.8	0.3	1.30	16.0	5.24	0.23	174	<5
82N12	2005	1283	11	448356	5715098	6		0.95	0.02	0.5	42.6	0.17	<1	0.08	0.50	21.1	14.1	33.21	3.0	0.2	1.84	28.3	3.72	0.77	253	<5
82N12	2005	1284	11	447078	5713161	6	10	0.91	0.05	1.8	15.7	0.44	1	0.09	0.27	19.8	16.2	52.72	2.6	0.6	3.00	26.3	6.01	0.59	424	<5
82N12	2005	1285	11	447078	5713161	6	20	0.97	0.05	2.1	18.1	0.48	2	0.12	0.30	21.7	16.3	48.91	2.8	1.3	3.09	27.1	5.72	0.66	453	6
82N12	2005	1286	11	448927	5716872	6		1.44	0.05	1.6	122.9	0.45	1	0.09	0.55	36.6	13.5	32.72	5.0	1.1	2.75	26.3	8.80	1.06	372	7
82N12	2005	1287	11	452923	5717775	6		1.53	0.08	3.4	124.4	0.54	<1	0.10	0.38	37.6	17.7	54.58	5.6	2.6	3.07	26.5	9.52	0.82	415	13
82N12	2005	1288	11	453218	5717782	6		0.70	0.04	1.7	55.6	0.31	1	0.05	0.25	16.5	6.5	19.64	2.4	1.6	1.46	23.2	4.29	0.39	142	<5
82N12	2005	1290	11	453076	5718582	6		1.29	0.11	3.7	56.5	0.29	1	0.07	0.43	24.7	13.0	30.49	4.3	1.0	2.44	18.0	7.53	0.86	316	10
82N01	2005	1291	11	545412	5664278	1		1.97	0.12	2.2	45.3	0.27	<1	0.12	0.64	35.9	21.2	37.95	5.5	0.6	3.28	36.5	26.49	1.36	596	12
82N01	2005	1292	11	544855	5664237	1		2.81	0.16	5.3	323.4	0.34	3	0.21	1.74	46.6	24.0	39.14	8.0	0.5	3.48	31.0	39.54	1.34	1214	14
82N01	2005	1293	11	545073	5665455	6		0.59	0.32	6.7	71.6	0.12	3	0.21	28.34	12.1	6.2	9.39	2.0	0.3	1.06	13.2	21.67	1.18	332	11
82N01	2005	1294	11	545755	5665471	1		1.97	0.32	4.2	57.9	0.26	3	0.12	1.25	32.8	16.8	21.13	5.3	0.4	3.51	34.1	24.25	1.26	586	27
82N01	2005	1295	11	545622	5666599	1		0.98	0.27	4.8	35.2	0.20	2	0.10	13.99	20.2	13.3	18.45	2.9	0.3	2.45	20.4	16.38	2.48	500	7
82N01	2005	1296	11	545429	5666958	6		1.04	0.55	7.9	67.1	0.16	4	0.13	13.25	18.7	12.3	28.15	3.0	1.6	2.04	20.0	26.15	2.23	549	27
82N01	2005	1297	11	545324	5667097	6		1.43	0.32	11.3	317.1	0.18	3	0.17	4.46	11.6	39.4	142.06	7.7	1.4	6.77	95.6	23.94	1.20	516	<5
82N01	2005	1298	11	547609	5661845	6		1.73	0.06	2.2	18.5	0.21	1	0.04	7.90	29.6	12.4	16.17	4.9	0.3	3.01	17.0	11.56	1.17	490	17
82N01	2005	1299	11	547076	5659349	6		1.82	0.08	1.9	26.5	0.20	2	0.04	3.29	30.4	12.8	14.37	5.2	0.4	3.18	22.0	12.44	1.28	352	12
82N01	2005	1300	11	548441	5662791	6		1.83	0.11	3.2	25.1	0.30	2	0.06	2.26	33.0	18.0	23.10	5.7	0.2	3.64	32.4	22.84	1.30	415	11
82N01	2005	1302	11	549538	5663613	1		1.56	0.09	2.4	18.7	0.22	1	0.04	8.76	30.9	15.6	18.50	4.6	<0.2	3.10	19.5	11.94	1.49	443	6
82N01	2005	1303	11	549744	5664754	6	10	0.42	0.13	3.5	20.1	0.11	<1	0.06	20.94	10.4	6.5	7.46	1.3	<0.2	1.44	17.0	6.15	3.41	431	5
82N01	2005	1304	11	549744	5664754	6	20	0.43	0.13	3.2	20.2	0.10	<1	0.06	21.49	10.8	7.0	7.65	1.4	<0.2	1.50	15.7	6.26	3.33	430	7
82N01	2005	1305	11	553240	5655339	6		1.97	0.13	11.9	56.2	0.21	4	0.08	2.57	35.9	13.6	15.47	5.8	0.4	3.27	14.2	14.02	1.19	295	25
82N01	2005	1306	11	553550	5655357	6		1.04	0.24	9.3	31.8	0.16	1	0.08	14.17	17.9	10.0	11.51	3.2	<0.2	2.27	11.9	9.72	2.27	426	15
82N01	2005	1307	11	554067	5654542	6		2.23	0.09	2.5	41.2	0.20	1	0.06	2.44	37.6	13.3	15.39	6.3	<0.2	3.57	17.8	14.91	1.30	339	16
82N01	2005	1308	11	554081	5654746	6		1.20	0.54	16.9	37.7	0.25	3	0.11	5.47	24.2	13.7	19.40	4.0	0.2	3.03	17.5	18.62	1.09	385	40
82N01	2005	1309	11	557601	5652525	6		0.81	0.44	9.4	32.9	0.14	2	0.11	14.50	15.6	7.6	8.49	2.5	<0.2	1.92	13.1	12.35	3.22	389	20
82N01	2005	1310	11	557963	5652439	6		1.66	0.17	7.4	17.7	0.23	<1	0.07	8.56	33.3	15.5	16.70	5.2	1.4	3.32	18.8	15.89	2.46	427	12
82N01	2005	1311	11	556785	5651398	6		1.84	0.18	4.2	41.4	0.19	2	0.07	5.54	33.3	12.9	14.60	5.4	0.6	3.26	17.9	14.24	1.39	358	19

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
82N12	2005	1268	11	442572	5727812	6		0.14	11.8	0.126	0.19	0.8	0.2	18	0.017	123.2	0.09	<0.02	0.07	3.5	0.040	<0.1	0.7	30	13.2
82N12	2005	1269	11	431673	5728551	6		0.57	20.2	0.212	0.56	2.3	0.1	33	0.040	64.0	0.12	<0.02	0.19	6.9	0.106	0.1	1.5	50	29.9
82N12	2005	1270	11	431872	5728038	6		0.30	21.5	0.081	0.24	1.1	0.1	25	0.010	5.7	0.06	<0.02	0.14	11.8	0.049	<0.1	1.5	12	26.5
82N12	2005	1271	11	430737	5712271	6		0.41	42.4	0.073	0.01	1.1	0.1	40	0.001	11.8	0.02	<0.02	<0.02	6.0	0.003	<0.1	0.5	5	66.8
82N12	2005	1272	11	431654	5710619	6		0.14	16.2	0.062	0.04	0.5	0.1	20	0.001	21.1	0.12	<0.02	<0.02	6.1	0.026	<0.1	0.8	7	22.5
82N12	2005	1273	11	432023	5710571	6		0.15	33.1	0.139	0.01	2.0	0.1	19	0.001	37.1	0.05	<0.02	<0.02	2.4	0.092	<0.1	0.3	32	31.9
82N05	2005	1275	11	435153	5703027	6		0.22	25.4	0.082	0.06	0.6	0.1	23	0.003	19.0	0.02	<0.02	0.02	11.1	0.008	<0.1	1.6	7	40.8
82N05	2005	1276	11	434958	5703183	6		0.14	23.8	0.056	0.04	0.5	0.2	25	0.001	17.5	0.30	<0.02	<0.02	5.9	0.009	<0.1	0.9	3	34.5
82N05	2005	1277	11	437682	5705640	6		0.25	46.8	0.980	0.02	1.5	0.2	25	0.001	14.9	0.08	<0.02	<0.02	2.1	0.117	<0.1	0.5	35	41.4
82N05	2005	1278	11	438424	5705420	6		0.45	33.9	0.079	0.02	1.0	0.2	44	0.001	16.4	0.18	<0.02	<0.02	4.9	0.013	<0.1	1.1	6	53.4
82N12	2005	1279	11	445687	5708085	6		0.33	49.3	0.082	0.02	1.4	0.2	48	0.002	3.5	<0.01	0.03	<0.02	10.7	0.005	<0.1	1.6	12	66.4
82N12	2005	1280	11	445462	5706670	6		0.28	10.6	0.025	0.02	0.3	0.1	14	0.001	3.0	0.02	<0.02	<0.02	7.0	0.010	<0.1	0.7	4	18.5
82N12	2005	1282	11	445617	5706654	6		0.29	11.1	0.043	0.03	0.4	0.1	15	0.001	6.2	0.08	<0.02	<0.02	6.1	0.023	<0.1	0.9	8	17.8
82N12	2005	1283	11	448356	5715098	6		0.36	33.9	0.081	0.43	1.1	0.3	39	0.016	14.4	0.07	0.02	0.21	8.4	0.067	<0.1	1.5	14	35.5
82N12	2005	1284	11	447078	5713161	6	10	0.43	48.8	0.088	0.06	1.5	0.3	49	0.006	10.2	0.03	0.03	0.07	10.3	0.016	<0.1	2.6	11	51.6
82N12	2005	1285	11	447078	5713161	6	20	0.49	48.3	0.079	0.08	1.7	0.3	53	0.007	11.4	0.04	0.03	0.06	10.4	0.019	0.1	2.7	10	55.2
82N12	2005	1286	11	448927	5716872	6		0.66	28.2	0.072	0.64	3.2	0.6	44	0.026	26.8	0.04	0.03	0.38	8.3	0.138	0.9	2.5	34	62.9
82N12	2005	1287	11	452923	5717775	6		1.18	25.6	0.058	0.54	4.6	0.9	34	0.012	8.0	0.03	0.02	0.40	5.4	0.164	0.6	3.8	65	71.5
82N12	2005	1288	11	453218	5717782	6		0.43	14.1	0.067	0.32	1.6	0.3	21	0.010	8.4	0.03	<0.02	0.19	6.6	0.075	0.1	1.4	18	32.8
82N12	2005	1290	11	453076	5718582	6		0.77	31.8	0.055	0.29	2.1	1.1	43	0.019	32.5	0.04	<0.02	0.22	5.3	0.078	0.3	1.7	23	44.2
82N01	2005	1291	11	545412	5664278	1		0.26	38.5	0.101	0.05	3.3	0.4	26	0.003	28.6	<0.01	0.02	0.03	11.2	0.003	<0.1	0.6	10	87.5
82N01	2005	1292	11	544855	5664237	1		0.55	40.6	0.093	0.39	4.4	0.5	32	0.151	117.8	0.02	0.03	0.24	29.7	0.118	1.6	0.7	30	108.5
82N01	2005	1293	11	545073	5665455	6		0.44	11.0	0.074	0.10	1.6	0.4	30	0.015	872.8	0.03	0.08	0.09	5.8	0.038	0.5	0.6	15	45.8
82N01	2005	1294	11	545755	5665471	1		0.35	36.3	0.103	0.05	3.4	0.5	27	0.006	50.1	0.03	0.03	0.04	7.4	0.008	<0.1	0.6	7	97.8
82N01	2005	1295	11	545622	5666599	1		0.49	24.1	0.078	0.03	2.4	0.2	18	0.009	287.9	0.02	0.04	0.02	6.7	0.006	<0.1	0.5	14	56.3
82N01	2005	1296	11	545429	5666958	6		0.52	19.6	0.137	0.09	2.6	2.2	25	0.021	301.7	0.06	0.03	0.06	4.6	0.026	0.1	1.0	23	54.9
82N01	2005	1297	11	545324	5667097	6		1.19	25.5	1.064	0.30	3.4	0.4	56	0.249	631.2	0.05	0.04	0.12	16.8	0.043	0.4	1.1	226	67.4
82N01	2005	1298	11	547609	5661845	6		0.15	28.1	0.057	0.02	2.7	0.2	12	0.003	207.7	<0.01	<0.02	0.02	6.5	0.001	<0.1	0.4	9	65.4
82N01	2005	1299	11	547076	5659349	6		0.20	30.5	0.082	0.03	2.2	0.3	12	0.003	107.2	<0.01	<0.02	0.02	6.5	0.002	<0.1	0.4	11	73.7
82N01	2005	1300	11	548441	5662791	6		0.28	35.3	0.081	0.03	3.0	0.4	18	0.004	74.1	0.01	<0.02	0.02	9.7	0.002	<0.1	0.6	10	89.8
82N01	2005	1302	11	549538	5663613	1		0.22	31.4	0.064	0.03	2.3	0.1	11	0.005	199.7	0.03	<0.02	<0.02	7.1	0.001	<0.1	0.4	10	64.2
82N01	2005	1303	11	549744	5664754	6	10	0.39	12.0	0.067	0.02	1.5	0.2	8	0.009	352.2	<0.01	<0.02	0.02	3.8	0.007	<0.1	0.4	11	25.8
82N01	2005	1304	11	549744	5664754	6	20	0.39	13.5	0.068	0.02	1.4	0.2	9	0.009	354.6	0.02	0.02	0.02	3.7	0.007	<0.1	0.4	11	26.1
82N01	2005	1305	11	553240	5655339	6		0.24	33.2	0.050	0.04	2.4	0.8	17	0.006	74.4	0.06	<0.02	0.03	5.7	0.003	<0.1	0.6	13	77.1
82N01	2005	1306	11	553550	5655357	6		0.20	20.1	0.080	0.04	2.1	0.3	15	0.005	280.6	<0.01	0.02	0.03	3.5	0.005	<0.1	0.5	11	46.8
82N01	2005	1307	11	554067	5654542	6		0.20	34.1	0.042	0.03	2.2	0.5	14	0.005	66.0	0.03	<0.02	0.02	6.2	0.002	<0.1	0.5	14	83.3
82N01	2005	1308	11	554081	5654746	6		0.33	30.7	0.103	0.05	3.0	1.0	28	0.006	177.3	0.05	0.02	0.03	4.2	0.004	<0.1	0.7	12	79.3
82N01	2005	1309	11	557601	5652525	6		0.30	16.7	0.104	0.04	2.1	0.6	23	0.007	320.4	0.04	0.02	0.03	2.5	0.005	<0.1	0.5	11	41.0
82N01	2005	1310	11	557963	5652439	6		0.21	32.5	0.077	0.02	2.6	0.2	14	0.004	181.4	0.03	<0.02	0.02	6.8	0.002	<0.1	0.4	12	74.4
82N01	2005	1311	11	556785	5651398	6		0.21	31.0	0.060	0.03	2.1	0.6	18	0.006	129.5	0.03	<0.02	0.02	5.3	0.003	<0.1	0.5	14	79.9

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
82N02	2005	1313	11	529707	5651814	6		1.32	1.92	3.3	148.0	0.13	5	0.13	10.25	24.3	9.4	16.39	4.4	0.4	2.16	5.5	9.15	1.32	362	23
82N02	2005	1314	11	518700	5652863	6		0.79	0.31	5.6	66.3	0.13	2	0.06	0.40	22.2	9.9	14.16	2.4	0.9	2.77	12.0	8.59	0.39	812	15
82N02	2005	1315	11	514301	5650383	6		2.03	0.76	7.5	322.0	0.27	5	0.19	0.95	34.1	11.3	87.23	4.4	2.3	2.94	12.2	17.63	0.52	595	91
82N02	2005	1316	11	504026	5652538	6		1.53	1.57	22.2	23.5	0.38	1	0.05	0.29	36.9	18.5	35.48	4.3	2.5	3.92	12.3	18.14	0.80	671	22
82N02	2005	1317	11	502979	5652128	6		1.22	1.23	69.2	8.9	0.27	<1	0.21	0.57	34.3	18.8	57.14	4.0	3.6	4.65	14.0	34.57	1.08	802	<5
82N02	2005	1318	11	503342	5651968	6		2.08	0.20	10.5	60.8	0.28	1	0.08	0.34	47.7	16.8	44.67	5.9	2.9	3.88	20.2	18.55	1.23	554	30
82N02	2005	1319	11	500494	5655207	6		1.48	0.99	34.9	60.9	0.28	1	0.13	0.35	30.5	16.3	31.63	3.9	0.6	3.21	20.1	21.47	0.90	580	24
82N03	2005	1320	11	498368	5654691	6		1.88	0.60	13.6	12.9	0.38	<1	0.07	1.13	53.5	29.3	69.83	5.8	1.2	5.10	15.2	23.00	1.05	540	15
82N03	2005	1322	11	499111	5654428	6	10	2.23	0.17	5.8	27.8	0.24	1	0.08	0.27	54.3	17.0	27.62	6.1	0.6	4.26	21.7	16.22	1.21	571	19
82N03	2005	1323	11	499111	5654428	6	20	2.20	0.16	5.8	28.5	0.25	<1	0.08	0.28	57.9	17.5	27.25	6.7	1.2	4.40	25.2	15.94	1.20	554	22
82N03	2005	1324	11	496672	5653697	6		1.39	0.47	84.2	31.2	0.22	3	0.19	0.41	33.1	14.4	28.21	4.1	1.7	3.09	13.8	18.86	0.72	598	34
82N03	2005	1326	11	497865	5653723	6		1.55	1.31	24.9	19.6	0.32	<1	0.07	0.19	42.2	20.1	44.68	5.0	1.8	4.80	29.5	22.81	1.04	622	7
82N03	2005	1327	11	494556	5651729	6		1.40	0.62	45.5	21.4	0.42	1	0.10	0.18	38.7	21.9	55.46	4.4	5.3	4.95	15.8	31.62	1.02	762	11
82N03	2005	1328	11	494926	5652720	6		1.61	1.36	59.5	19.6	0.45	1	0.14	0.19	38.2	19.9	45.58	4.9	5.3	4.54	16.4	29.22	0.96	825	20
82N03	2005	1329	11	492472	5651388	6		1.35	1.04	95.3	16.2	0.36	<1	0.09	0.18	35.8	21.0	49.34	3.9	22.4	4.93	19.2	25.66	0.83	675	33
82N03	2005	1330	11	493671	5651309	6		1.54	0.31	37.1	31.2	0.51	1	0.13	0.20	35.1	20.2	41.19	5.1	11.9	4.69	16.8	28.12	0.78	879	27
82N03	2005	1331	11	491688	5650331	6		1.27	0.27	9.3	11.7	0.28	<1	0.09	1.32	33.3	15.8	61.90	4.0	1.7	3.11	22.7	19.79	0.93	606	7
82N03	2005	1332	11	491994	5650406	6		1.63	0.27	14.2	17.5	0.33	<1	0.07	0.32	32.9	19.0	39.17	4.7	0.9	3.82	20.6	24.68	0.95	589	11
82N03	2005	1333	11	477992	5651228	6		1.71	0.12	2.3	90.7	0.23	<1	0.31	5.06	26.2	12.9	30.23	5.7	0.3	2.55	18.4	9.47	0.74	429	<5
82N03	2005	1334	11	478101	5650712	6		1.60	0.06	2.2	117.4	0.98	1	0.14	0.74	20.0	8.3	6.60	6.8	<0.2	1.93	43.9	11.82	0.78	592	19
82N03	2005	1335	11	483496	5653366	6		1.82	0.26	12.2	15.2	0.25	<1	0.05	0.21	42.8	16.2	32.34	5.7	0.9	3.78	21.4	20.13	1.04	465	5
82N03	2005	1336	11	483080	5654208	6		1.43	0.31	21.2	15.7	0.34	<1	0.12	0.23	38.0	18.5	38.07	4.7	1.3	4.01	15.8	27.17	0.71	790	19
82N02	2005	1337	11	502744	5669564	6		0.81	0.45	4.4	217.9	0.27	3	0.08	0.87	18.8	11.5	18.34	2.6	0.6	2.64	10.4	16.85	0.39	674	56
82N02	2005	1338	11	501629	5669622	6		1.41	0.50	9.1	92.7	0.21	<1	0.28	0.35	33.8	15.9	25.42	4.2	0.5	3.67	21.4	16.41	0.76	555	20
82N02	2005	1339	11	501190	5668454	6		1.27	0.86	7.5	84.7	0.22	2	0.05	0.94	30.0	16.8	27.11	4.0	0.2	3.72	16.7	19.00	0.98	733	26
82N02	2005	1340	11	501653	5668421	6		1.27	0.38	4.7	241.5	0.26	3	0.22	0.71	19.7	29.5	22.30	2.6	0.8	2.52	9.5	22.11	0.40	1301	88
82N07	2005	1342	11	500891	5691670	6		0.37	0.07	0.8	79.0	0.05	3	0.03	1.98	8.1	2.9	3.63	1.1	0.4	0.72	2.8	3.23	0.79	185	12
82N07	2005	1343	11	500060	5694082	6		1.13	0.14	4.2	27.7	0.15	1	0.03	9.65	20.4	10.9	16.04	3.5	<0.2	2.40	9.2	9.48	1.59	356	12
82N07	2005	1344	11	501744	5698884	6		1.33	0.16	1.7	19.4	0.26	<1	0.02	6.77	27.4	17.2	16.82	4.4	0.4	3.57	5.1	11.33	1.74	734	<5
82N07	2005	1345	11	501139	5697425	6	10	1.22	0.08	2.9	46.2	0.19	<1	0.02	9.87	23.1	12.7	16.62	4.2	<0.2	2.54	6.5	8.77	1.93	445	5
82N07	2005	1346	11	501139	5697425	6	20	1.25	0.08	3.0	44.0	0.19	<1	0.01	10.47	23.0	12.7	16.88	4.2	<0.2	2.41	6.1	9.06	2.02	443	7
82N06	2005	1347	11	498694	5700890	6		0.87	0.91	10.4	32.0	0.24	1	0.03	12.28	17.3	14.6	17.25	3.0	1.3	2.64	6.4	10.77	1.24	417	7
82N06	2005	1348	11	493961	5702409	6		0.44	1.62	10.1	24.4	0.20	1	0.04	13.99	11.4	14.5	16.72	1.4	2.4	2.69	6.1	9.82	1.38	432	10
82N06	2005	1349	11	491243	5704706	6		1.09	0.23	2.4	72.0	0.17	3	0.09	5.52	17.0	9.6	14.55	3.2	0.7	2.23	9.4	11.64	0.76	414	42
82N07	2005	1350	11	502912	5704874	6		1.56	0.09	2.5	19.1	0.26	1	0.03	8.46	30.0	15.9	20.71	5.0	1.1	3.25	13.2	14.22	1.52	549	6
82N07	2005	1351	11	502610	5703845	6		1.09	0.07	1.9	12.9	0.23	<1	0.02	10.53	20.0	14.3	16.64	3.2	0.4	2.87	9.5	11.18	1.81	524	<5
82N07	2005	1352	11	504784	5701162	6		1.37	0.09	1.6	12.7	0.22	<1	0.02	10.67	25.1	13.6	15.48	4.0	0.3	3.05	10.2	10.55	1.45	505	<5
82N07	2005	1353	11	506606	5699853	6		1.53	0.12	1.6	13.9	0.27	<1	0.03	9.97	26.9	14.1	19.34	4.3	2.0	3.29	10.1	14.79	1.40	481	5
82N07	2005	1355	11	508075	5698536	6		1.63	0.14	1.6	18.0	0.34	1	0.03	6.92	33.0	20.8	29.25	5.0	0.5	3.72	12.6	17.50	1.23	519	<5
82N07	2005	1356	11	506655	5699038	6		1.49	0.13	1.8	18.5	0.23	1	0.03	6.89	27.2	15.1	15.41	4.5	0.2	3.08	10.7	12.12	1.49	374	17

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
82N02	2005	1313	11	529707	5651814	6		0.41	19.9	0.050	0.07	3.6	0.6	31	0.007	298.6	0.02	0.02	0.03	2.9	0.003	<0.1	0.4	14	47.2
82N02	2005	1314	11	518700	5652863	6		0.30	24.4	0.035	0.04	1.5	0.6	30	0.002	20.4	0.04	0.02	0.02	3.2	0.002	0.1	0.6	7	34.8
82N02	2005	1315	11	514301	5650383	6		0.53	42.8	0.080	0.14	3.6	1.7	276	0.015	63.0	0.10	0.03	0.08	2.9	0.009	1.3	2.5	16	40.9
82N02	2005	1316	11	504026	5652538	6		0.32	50.8	0.062	0.03	2.0	0.9	64	0.004	11.7	0.02	0.04	0.02	6.2	0.001	<0.1	2.7	13	79.4
82N02	2005	1317	11	502979	5652128	6		0.38	51.5	0.116	0.01	2.3	0.2	103	0.002	32.4	0.18	0.02	<0.02	10.1	0.002	<0.1	1.4	10	105.1
82N02	2005	1318	11	503342	5651968	6		0.46	54.6	0.077	0.03	1.6	0.9	73	0.002	23.5	0.03	0.03	0.02	8.4	0.004	<0.1	17.4	15	87.6
82N02	2005	1319	11	500494	5655207	6		1.23	41.7	0.073	0.04	1.7	1.1	65	0.003	26.4	0.03	0.03	0.03	6.9	0.002	<0.1	9.7	12	68.7
82N03	2005	1320	11	498368	5654691	6		0.37	67.2	0.066	0.02	2.2	0.7	96	0.003	52.3	0.14	0.04	<0.02	7.6	0.002	<0.1	1.4	15	94.0
82N03	2005	1322	11	499111	5654428	6	10	0.42	53.1	0.067	0.03	1.5	0.9	61	0.003	14.3	0.01	<0.02	0.02	8.3	0.002	<0.1	8.3	16	90.2
82N03	2005	1323	11	499111	5654428	6	20	0.42	56.1	0.065	0.03	1.6	0.9	62	0.003	13.9	0.02	<0.02	0.02	9.3	0.002	<0.1	8.6	16	99.6
82N03	2005	1324	11	496672	5653697	6		0.57	39.2	0.081	0.04	1.2	3.1	76	0.004	30.6	0.09	0.02	0.03	4.2	0.005	<0.1	17.4	12	63.7
82N03	2005	1326	11	497865	5653723	6		0.52	58.1	0.081	0.02	2.2	0.4	45	0.003	10.9	<0.01	0.04	<0.02	12.9	0.002	<0.1	3.0	14	97.0
82N03	2005	1327	11	494556	5651729	6		0.44	60.0	0.067	0.04	2.3	0.2	93	0.004	11.2	0.05	0.04	0.02	11.2	0.001	<0.1	2.5	12	98.1
82N03	2005	1328	11	494926	5652720	6		0.43	53.5	0.070	0.02	2.0	0.7	121	0.003	7.7	0.04	0.04	0.02	9.6	0.002	<0.1	4.7	13	94.8
82N03	2005	1329	11	492472	5651388	6		0.34	57.9	0.070	0.02	2.3	0.5	65	0.004	7.2	0.04	0.04	<0.02	10.8	0.001	0.2	3.3	12	92.5
82N03	2005	1330	11	493671	5651309	6		0.49	51.8	0.074	0.04	2.0	0.6	99	0.005	10.7	0.03	0.05	0.03	7.6	0.005	0.5	2.0	14	91.3
82N03	2005	1331	11	491688	5650331	6		0.37	42.1	0.158	0.02	1.3	0.1	46	0.001	83.9	0.08	0.04	<0.02	11.0	0.004	<0.1	1.0	11	68.4
82N03	2005	1332	11	491994	5650406	6		0.42	46.1	0.124	0.03	1.4	0.3	42	0.002	27.1	0.01	0.05	0.02	10.5	0.003	<0.1	3.0	12	88.1
82N03	2005	1333	11	477992	5651228	6		1.33	28.0	0.100	0.26	2.5	0.4	75	0.060	102.0	0.09	<0.02	0.20	8.1	0.078	1.0	3.3	23	64.7
82N03	2005	1334	11	478101	5650712	6		3.05	9.8	0.145	0.49	2.9	0.4	55	0.014	83.1	<0.01	<0.02	0.46	21.6	0.114	5.3	31.3	37	56.7
82N03	2005	1335	11	483496	5653366	6		0.28	49.7	0.103	0.02	1.5	0.1	40	0.002	14.3	<0.01	0.02	<0.02	11.8	0.003	<0.1	2.0	13	87.7
82N03	2005	1336	11	483080	5654208	6		0.32	48.4	0.067	0.02	1.7	0.8	67	0.002	10.3	0.03	0.03	0.02	8.7	0.003	<0.1	2.1	12	82.9
82N02	2005	1337	11	502744	5669564	6		0.85	22.0	0.071	0.10	2.1	1.9	104	0.002	37.1	0.10	<0.02	0.06	2.2	0.002	<0.1	1.5	10	44.4
82N02	2005	1338	11	501629	5669622	6		2.20	44.8	0.071	0.06	2.2	0.6	32	0.004	18.3	0.02	<0.02	0.12	7.9	0.001	<0.1	1.4	13	91.0
82N02	2005	1339	11	501190	5668454	6		0.43	38.9	0.104	0.05	2.4	0.5	39	0.003	22.6	0.03	<0.02	0.03	7.3	0.001	<0.1	1.3	11	78.5
82N02	2005	1340	11	501653	5668421	6		0.84	79.9	0.075	0.13	2.8	2.7	135	0.003	42.0	0.10	<0.02	0.10	2.5	0.002	<0.1	6.5	11	83.7
82N07	2005	1342	11	500891	5691670	6		0.35	8.8	0.047	0.02	0.7	0.7	7	0.002	31.1	0.01	<0.02	0.02	0.9	0.003	<0.1	0.3	4	17.0
82N07	2005	1343	11	500060	5694082	6		0.69	20.8	0.089	0.03	3.0	0.2	13	0.002	208.9	0.06	0.02	0.02	6.0	0.001	<0.1	0.5	8	45.2
82N07	2005	1344	11	501744	5698884	6		0.20	34.9	0.064	0.03	3.6	<0.1	12	0.007	203.0	0.11	<0.02	<0.02	9.1	0.002	<0.1	0.6	11	83.6
82N07	2005	1345	11	501139	5697425	6	10	0.19	24.7	0.087	0.03	2.4	0.1	10	0.003	259.5	0.04	0.03	<0.02	6.8	0.002	<0.1	0.4	8	50.2
82N07	2005	1346	11	501139	5697425	6	20	0.19	24.8	0.084	0.03	2.2	0.1	11	0.003	267.3	0.03	<0.02	<0.02	6.8	0.002	<0.1	0.4	9	51.3
82N06	2005	1347	11	498694	5700890	6		0.20	27.7	0.063	0.03	3.0	0.2	15	0.005	225.2	<0.01	0.02	<0.02	7.5	0.001	0.2	0.4	6	62.8
82N06	2005	1348	11	493961	5702409	6		0.34	27.1	0.066	0.03	3.1	0.2	15	0.005	290.5	0.03	0.03	<0.02	6.7	0.001	0.1	0.5	7	48.4
82N06	2005	1349	11	491243	5704706	6		0.25	20.7	0.079	0.05	2.1	1.0	34	0.007	122.5	0.07	<0.02	0.03	3.1	0.008	<0.1	0.4	11	52.4
82N07	2005	1350	11	502912	5704874	6		0.20	32.5	0.054	0.03	3.0	0.2	11	0.003	259.5	<0.01	0.03	<0.02	7.2	0.001	<0.1	0.6	11	77.9
82N07	2005	1351	11	502610	5703845	6		0.18	28.1	0.049	0.02	2.8	0.1	7	0.003	305.7	<0.01	0.03	<0.02	7.5	0.001	<0.1	0.4	7	62.6
82N07	2005	1352	11	504784	5701162	6		0.18	30.5	0.052	0.02	3.0	0.1	9	0.003	321.7	<0.01	0.02	<0.02	7.2	0.002	<0.1	0.3	9	70.5
82N07	2005	1353	11	506606	5699853	6		0.23	31.6	0.053	0.02	3.3	0.1	11	0.003	299.4	<0.01	<0.02	<0.02	8.6	0.002	<0.1	0.3	10	72.3
82N07	2005	1355	11	508075	5698536	6		0.53	40.6	0.052	0.03	3.8	0.1	14	0.004	230.3	<0.01	0.02	<0.02	14.0	0.002	<0.1	0.5	10	89.0
82N07	2005	1356	11	506655	5699038	6		0.15	33.2	0.091	0.03	3.1	0.2	13	0.005	175.1	<0.01	0.02	<0.02	8.1	0.002	<0.1	0.4	11	67.0

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
82N07	2005	1357	11	508122	5697616	6		1.66	0.26	3.0	28.3	0.34	1	0.04	5.57	31.4	18.0	24.11	5.1	0.6	3.65	13.0	14.88	1.55	570	8
82N07	2005	1358	11	508348	5697813	6		1.89	0.20	2.2	15.3	0.38	<1	0.02	5.01	35.8	20.9	35.66	6.0	0.6	4.08	9.2	19.20	1.35	485	<5
82N07	2005	1359	11	511614	5700997	6		1.71	0.06	1.5	14.3	0.31	<1	0.03	5.73	32.3	17.7	29.30	5.5	0.2	3.57	6.6	14.30	1.49	566	9
82N07	2005	1360	11	511812	5701139	6		1.31	0.08	1.9	24.5	0.19	1	0.03	4.66	22.1	13.1	13.87	4.0	0.4	2.49	15.8	15.36	1.76	408	13
82N07	2005	1362	11	516625	5701756	6		1.40	0.12	2.9	31.9	0.23	1	0.05	6.58	26.4	16.0	21.96	4.4	0.3	2.88	9.2	14.91	1.47	461	10
82N07	2005	1363	11	516523	5701530	6		1.68	0.06	1.7	28.1	0.20	1	0.03	1.46	30.4	14.3	17.48	5.1	0.4	2.81	12.6	11.92	1.57	370	9
82N07	2005	1364	11	504852	5689527	6		0.66	0.15	2.3	85.9	0.13	3	0.06	2.42	13.6	7.7	10.69	2.0	0.7	1.67	15.7	8.54	0.95	289	14
82N07	2005	1365	11	508071	5688563	6		1.26	0.14	2.1	39.9	0.19	1	0.05	5.75	25.1	12.2	14.69	3.8	0.2	2.56	14.0	9.38	1.09	365	12
82N07	2005	1366	11	508270	5688500	6		0.53	0.39	4.0	91.7	0.11	4	0.12	9.16	11.2	9.4	16.29	1.3	0.2	1.79	14.4	16.21	1.42	258	41
82N07	2005	1367	11	509191	5683068	6		0.17	0.37	7.2	230.4	0.08	5	0.07	21.62	7.9	6.9	8.61	0.5	0.2	1.35	4.1	103.47	1.56	233	842
82N07	2005	1368	11	511749	5682179	6		0.31	0.46	3.6	197.7	0.07	5	0.09	7.64	6.1	5.2	9.66	0.8	<0.2	1.23	13.4	12.01	2.49	251	42
82N07	2005	1369	11	512248	5682167	6		0.34	0.30	1.9	90.5	0.06	6	0.08	21.68	9.0	4.8	8.78	0.9	<0.2	0.98	3.2	10.04	1.37	166	40
82N07	2005	1370	11	514547	5682967	6		1.20	0.15	2.7	32.4	0.20	1	0.01	5.26	23.4	14.8	16.57	3.6	<0.2	2.75	19.1	10.53	1.20	337	<5
82N07	2005	1371	11	515863	5684340	6	10	1.47	0.11	1.5	25.6	0.20	1	0.03	7.91	28.7	15.1	15.42	4.3	0.2	3.02	15.6	13.27	1.34	426	<5
82N07	2005	1372	11	515863	5684340	6	20	1.46	0.11	1.4	26.9	0.20	1	0.03	7.84	27.9	14.7	15.55	4.3	0.3	3.03	16.8	13.23	1.40	432	7
82N07	2005	1373	11	510322	5686425	6		0.36	0.82	6.0	140.8	0.09	5	0.16	7.32	8.6	8.0	17.35	1.0	0.3	1.56	12.5	19.97	2.70	248	60
82N07	2005	1374	11	510289	5686737	6		1.38	0.14	2.1	138.6	0.16	3	0.06	0.93	22.0	11.0	12.99	3.7	0.3	2.60	28.1	13.14	1.01	511	21
82N02	2005	1375	11	502016	5664301	6		0.56	0.60	6.3	72.7	0.23	2	0.04	0.43	16.1	12.0	19.81	1.6	0.5	2.49	6.0	18.20	0.43	356	41
82N03	2005	1376	11	491668	5665416	6		1.60	1.53	18.5	16.7	0.37	1	0.07	0.26	48.7	24.6	45.06	4.7	1.8	4.96	7.0	23.65	0.83	624	12
82N03	2005	1377	11	491046	5666680	6		1.50	0.44	9.5	9.8	0.36	<1	0.06	1.61	49.6	26.6	45.24	4.7	0.3	5.18	7.9	18.90	0.75	483	32
82N03	2005	1379	11	492660	5659925	6		1.74	0.86	13.9	11.5	0.35	1	0.05	1.06	45.6	25.1	43.40	4.9	1.0	5.33	10.0	21.16	0.90	507	14
82N03	2005	1380	11	490831	5661391	6		1.38	0.53	18.1	39.5	0.30	1	0.09	0.17	33.9	17.4	39.67	4.3	2.9	3.79	19.2	20.46	0.73	622	11
82N03	2005	1382	11	493335	5658193	6		1.95	0.61	23.9	16.2	0.31	<1	0.06	0.25	46.9	25.7	47.39	5.7	3.7	4.99	18.8	24.18	1.07	475	15
82N03	2005	1384	11	492775	5657907	6	10	1.93	1.37	41.9	32.7	0.40	1	0.10	0.36	50.6	25.1	65.33	5.7	2.2	5.43	17.3	31.24	1.25	849	8
82N03	2005	1385	11	492775	5657907	6	20	1.95	1.28	40.7	32.0	0.39	1	0.10	0.32	47.1	23.5	63.24	5.4	5.9	5.42	16.9	29.34	1.20	876	8
82N03	2005	1386	11	488335	5657221	6		1.30	0.29	17.3	30.2	0.25	2	0.24	0.37	24.9	11.4	25.85	3.4	1.7	3.02	16.4	20.36	0.52	539	29
82N03	2005	1387	11	488518	5656824	6		1.22	0.31	26.1	121.3	0.32	1	0.18	0.27	26.1	14.9	30.91	3.4	22.8	3.64	18.0	22.56	0.55	638	21
82N03	2005	1388	11	488859	5656819	6		1.24	0.97	48.3	15.2	0.29	1	0.11	0.23	32.5	20.9	48.08	3.5	39.5	5.05	15.4	36.13	0.91	780	6
82N03	2005	1389	11	485528	5660134	6		1.89	0.33	19.0	11.8	0.31	1	0.06	0.22	43.5	19.0	45.69	5.3	2.7	4.56	23.2	22.73	1.08	536	<5
82N03	2005	1390	11	485229	5660305	6		0.62	1.45	160.2	31.1	0.66	3	0.37	0.43	14.8	23.1	51.53	1.6	48.9	4.85	9.1	59.61	0.26	931	50
82N02	2005	1391	11	511449	5666775	6		1.12	0.36	4.6	132.6	0.17	2	0.18	0.41	25.0	12.2	19.21	3.6	0.5	2.94	8.7	14.19	0.59	361	19
82N02	2005	1392	11	508639	5669218	6		0.77	0.35	3.7	113.4	0.18	3	0.10	0.39	20.0	11.9	16.43	2.3	0.7	2.57	8.9	10.99	0.43	430	20
82N02	2005	1393	11	506066	5670608	6		1.19	0.34	3.1	186.1	0.20	4	0.16	0.80	17.3	12.6	16.76	3.2	0.3	2.68	10.8	14.94	0.53	906	44
82N02	2005	1394	11	504676	5671412	6		0.59	0.06	0.7	168.5	0.04	2	0.06	0.42	5.7	2.9	5.11	1.3	0.2	0.85	8.1	4.20	0.17	591	31
82N02	2005	1395	11	500444	5674130	6		0.82	0.29	2.9	117.6	0.20	4	0.05	0.45	15.2	14.5	17.71	2.2	0.6	2.64	14.6	14.55	0.47	494	25
82N03	2005	1396	11	494097	5674620	6		1.45	0.61	6.3	51.7	0.37	3	0.05	0.40	122.9	36.5	48.18	4.6	0.7	4.99	11.2	26.61	1.56	731	40
82N03	2005	1397	11	495318	5674677	6		1.27	0.83	7.4	96.0	0.20	2	0.58	0.60	35.9	16.9	28.94	3.8	0.5	3.48	21.6	16.47	0.80	403	23
82N03	2005	1398	11	493487	5673754	6		1.25	1.17	27.6	55.3	0.31	2	0.08	0.36	37.9	24.4	35.86	3.8	9.9	4.40	18.9	24.28	0.72	868	19
82N03	2005	1399	11	493665	5673704	6		0.67	0.94	14.7	35.4	0.31	2	0.08	0.38	34.9	21.7	35.67	1.9	1.6	4.33	11.5	25.15	0.64	637	49
82N03	2005	1400	11	490670	5676831	6		0.93	2.04	26.5	51.2	0.27	2	0.09	0.45	38.0	22.8	34.40	2.9	17.7	4.37	14.3	21.45	0.65	714	34

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
82N07	2005	1357	11	508122	5697616	6		0.26	37.2	0.060	0.03	3.4	0.2	14	0.004	168.0	<0.01	0.02	0.02	8.1	0.003	<0.1	0.4	12	83.4
82N07	2005	1358	11	508348	5697813	6		0.32	43.9	0.057	0.02	3.7	0.1	16	0.004	169.7	0.06	0.02	<0.02	11.0	0.002	<0.1	0.5	12	107.7
82N07	2005	1359	11	511614	5700997	6		0.20	38.6	0.069	0.03	3.7	0.1	11	0.004	170.1	0.03	0.02	<0.02	12.9	0.002	<0.1	0.5	10	94.3
82N07	2005	1360	11	511812	5701139	6		0.21	25.6	0.105	0.04	2.4	0.2	13	0.003	101.6	0.01	<0.02	<0.02	8.0	0.003	<0.1	0.4	9	58.4
82N07	2005	1362	11	516625	5701756	6		0.34	30.6	0.980	0.04	3.4	0.4	16	0.003	150.6	<0.01	<0.02	0.02	7.9	0.003	<0.1	0.6	11	64.5
82N07	2005	1363	11	516523	5701530	6		0.19	28.4	0.980	0.04	2.6	0.3	13	0.002	37.2	0.01	<0.02	<0.02	7.9	0.003	<0.1	0.4	10	62.8
82N07	2005	1364	11	504852	5689527	6		0.72	16.7	0.072	0.04	1.7	0.4	18	0.003	41.2	0.01	<0.02	0.05	4.2	0.003	<0.1	0.6	5	30.9
82N07	2005	1365	11	508071	5688563	6		0.84	26.3	0.073	0.04	2.2	0.1	14	0.002	122.3	0.01	<0.02	0.03	7.1	0.002	<0.1	0.6	6	54.8
82N07	2005	1366	11	508270	5688500	6		4.15	37.3	0.107	0.10	2.8	0.7	39	0.002	104.4	0.06	<0.02	0.35	3.5	0.003	<0.1	1.2	6	40.0
82N07	2005	1367	11	509191	5683068	6		1.36	21.6	0.980	0.05	2.7	0.7	39	0.005	800.9	0.19	0.06	0.39	1.7	0.001	<0.1	1.2	11	32.6
82N07	2005	1368	11	511749	5682179	6		5.82	23.1	0.093	0.11	2.1	0.4	47	0.003	111.8	0.15	<0.02	0.19	3.8	0.002	<0.1	1.5	8	30.6
82N07	2005	1369	11	512248	5682167	6		2.33	33.3	0.045	0.04	1.2	0.9	21	0.007	395.9	0.18	0.03	0.18	1.4	0.002	<0.1	1.2	3	42.3
82N07	2005	1370	11	514547	5682967	6		0.23	25.3	0.094	0.03	1.7	0.1	12	0.003	134.9	0.09	0.02	0.02	7.2	0.002	<0.1	0.3	7	51.3
82N07	2005	1371	11	515863	5684340	6	10	0.29	30.6	0.076	0.02	2.6	0.1	13	0.002	237.0	0.05	<0.02	<0.02	8.3	0.002	<0.1	0.4	9	65.1
82N07	2005	1372	11	515863	5684340	6	20	0.31	30.8	0.079	0.02	2.7	0.1	14	0.003	250.4	0.06	0.02	<0.02	8.5	0.002	<0.1	0.4	9	65.6
82N07	2005	1373	11	510322	5686425	6		11.98	40.7	0.096	0.17	2.9	0.8	86	0.003	84.1	0.19	0.03	0.37	3.9	0.003	<0.1	2.5	14	40.9
82N07	2005	1374	11	510289	5686737	6		0.88	24.4	0.130	0.06	2.7	0.5	27	0.003	38.9	0.07	<0.02	0.05	6.4	0.005	<0.1	0.6	13	60.6
82N02	2005	1375	11	502016	5664301	6		0.69	28.3	0.041	0.06	2.5	0.7	64	0.001	21.3	0.07	<0.02	0.04	3.0	0.001	<0.1	0.9	6	35.1
82N03	2005	1376	11	491668	5665416	6		0.44	61.9	0.054	0.02	2.7	0.5	76	0.002	11.4	0.04	0.03	<0.02	6.6	0.001	<0.1	1.2	14	93.2
82N03	2005	1377	11	491046	5666680	6		0.55	66.1	0.048	0.01	2.7	0.5	79	0.002	58.3	0.05	0.04	<0.02	7.1	0.001	<0.1	1.1	17	92.8
82N03	2005	1379	11	492660	5659925	6		0.47	60.3	0.057	0.02	2.5	0.4	78	0.002	47.9	0.07	0.04	<0.02	7.6	0.002	<0.1	1.2	15	91.1
82N03	2005	1380	11	490831	5661391	6		0.33	48.2	0.063	0.03	1.9	0.5	51	0.003	10.6	0.06	0.04	<0.02	10.4	0.002	0.1	2.7	12	87.0
82N03	2005	1382	11	493335	5658193	6		0.42	62.7	0.083	0.03	2.0	0.3	67	0.002	20.7	0.05	0.06	<0.02	12.4	0.002	<0.1	1.5	16	89.7
82N03	2005	1384	11	492775	5657907	6	10	0.54	69.8	0.086	0.02	2.9	0.4	76	0.003	16.4	0.05	0.06	<0.02	12.6	0.002	<0.1	3.2	15	104.6
82N03	2005	1385	11	492775	5657907	6	20	0.54	64.7	0.088	0.03	2.9	0.4	70	0.003	16.6	0.04	0.05	<0.02	12.4	0.002	<0.1	3.1	16	98.5
82N03	2005	1386	11	488335	5657221	6		0.38	33.7	0.085	0.02	1.8	0.8	97	0.002	20.2	0.06	0.03	0.03	4.2	0.010	0.2	7.6	12	67.6
82N03	2005	1387	11	488518	5656824	6		0.42	38.4	0.083	0.02	1.7	0.8	85	0.002	16.7	0.08	0.03	0.02	7.8	0.006	<0.1	7.3	12	69.3
82N03	2005	1388	11	488859	5656819	6		0.30	58.9	0.084	0.02	2.9	0.2	100	0.003	12.6	0.05	0.04	<0.02	11.2	0.001	0.5	1.9	14	94.4
82N03	2005	1389	11	485528	5660134	6		0.31	55.7	0.089	0.02	1.9	0.1	48	0.002	11.9	0.01	0.03	<0.02	11.5	0.003	<0.1	1.7	14	86.8
82N03	2005	1390	11	485229	5660305	6		0.89	52.4	0.063	0.04	2.2	1.8	307	0.005	30.8	0.10	0.05	0.05	6.8	0.002	0.1	7.8	7	102.7
82N02	2005	1391	11	511449	5666775	6		1.45	32.5	0.057	0.06	2.6	0.6	43	0.003	25.0	0.05	0.02	0.06	5.0	0.002	<0.1	0.8	13	72.2
82N02	2005	1392	11	508639	5669218	6		0.90	27.7	0.043	0.07	2.0	0.7	34	0.002	22.3	0.06	<0.02	0.03	4.0	0.002	<0.1	0.9	9	57.9
82N02	2005	1393	11	506066	5670608	6		0.56	25.5	0.048	0.10	2.3	1.0	71	0.003	74.8	0.11	<0.02	0.05	3.5	0.003	<0.1	0.6	12	45.4
82N02	2005	1394	11	504676	5671412	6		0.19	7.5	0.035	0.06	1.1	0.5	41	0.004	35.7	0.07	<0.02	0.04	1.5	0.004	<0.1	0.6	6	15.6
82N02	2005	1395	11	500444	5674130	6		0.46	37.3	0.040	0.08	1.6	0.9	41	0.002	23.3	0.13	0.02	0.04	5.2	0.002	<0.1	1.3	10	40.4
82N03	2005	1396	11	494097	5674620	6		1.04	104.2	0.078	0.05	3.8	0.4	69	0.002	33.0	0.50	0.03	0.04	4.3	0.002	<0.1	0.8	35	63.4
82N03	2005	1397	11	495318	5674677	6		3.71	45.4	0.088	0.06	1.8	0.7	98	0.002	29.6	0.05	0.02	0.10	7.2	0.006	<0.1	1.5	18	108.9
82N03	2005	1398	11	493487	5673754	6		0.90	56.3	0.106	0.04	3.5	0.5	45	0.003	25.3	0.03	0.04	0.04	10.2	0.002	0.1	1.9	14	87.4
82N03	2005	1399	11	493665	5673704	6		0.78	49.4	0.073	0.03	3.4	0.2	57	0.003	24.9	0.06	0.02	0.04	6.2	0.006	<0.1	1.1	12	107.3
82N03	2005	1400	11	490670	5676831	6		0.84	60.4	0.082	0.05	3.9	0.5	67	0.002	31.0	0.03	0.03	0.04	6.7	0.002	<0.1	1.3	13	83.2

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
82N03	2005	1402	11	490150	5677324	6		0.61	2.95	34.2	38.6	0.37	3	0.07	0.56	13.8	25.2	37.50	1.8	28.8	4.28	11.4	26.91	0.46	598	46
82N03	2005	1403	11	490080	5676950	6	10	1.72	1.03	15.3	47.0	0.30	1	0.06	0.62	74.1	24.4	47.38	5.3	4.4	4.22	26.3	18.94	1.43	513	8
82N03	2005	1404	11	490080	5676950	6	20	1.77	1.01	15.4	49.0	0.30	1	0.06	0.59	75.9	25.0	47.73	5.4	3.4	4.36	25.6	19.32	1.45	525	10
82N06	2005	1405	11	487626	5681181	6		0.80	1.06	16.2	27.4	0.26	1	0.08	0.76	51.4	21.1	35.51	2.6	1.3	3.21	18.2	16.39	0.77	479	19
82N06	2005	1406	11	487712	5681635	6		0.94	1.22	15.0	40.9	0.25	3	0.08	1.13	46.5	21.1	30.00	2.9	1.4	3.90	14.4	18.15	0.97	546	30
82N06	2005	1407	11	488239	5681041	6		1.25	2.65	37.3	57.4	0.32	1	0.06	0.40	53.8	23.1	31.60	4.0	4.6	4.62	14.1	22.15	0.77	608	27
82N06	2005	1408	11	491875	5679792	1		1.59	0.57	8.1	176.4	0.23	2	0.18	0.35	43.1	24.5	29.75	4.8	0.6	3.92	13.9	23.52	0.80	712	29
82N06	2005	1409	11	490028	5681568	6		1.24	0.49	5.7	152.4	0.16	4	0.15	0.48	29.3	12.5	14.58	3.7	0.6	2.81	16.7	14.92	0.44	711	23
82N03	2005	1410	11	484599	5677284	6		1.91	0.82	18.8	24.8	0.28	1	0.06	0.30	70.6	25.0	56.94	5.9	1.7	4.96	31.2	19.41	1.37	604	8
82N03	2005	1411	11	484320	5677597	6		1.63	0.47	10.7	20.0	0.36	1	0.11	0.16	47.8	22.6	37.44	4.9	1.0	4.40	22.5	23.86	0.90	418	45
82N03	2005	1413	11	483218	5676675	6		1.39	0.49	11.8	13.9	0.48	2	0.06	0.28	26.5	25.5	43.88	3.8	1.0	4.30	21.4	26.54	0.72	601	39
82N03	2005	1414	11	484002	5676568	6		1.72	0.32	8.8	16.4	0.37	1	0.05	0.20	39.2	20.5	36.74	4.9	0.6	4.18	27.0	23.53	0.89	444	30
82N03	2005	1415	11	482170	5675324	6		1.34	0.39	9.2	11.5	0.61	<1	0.12	0.43	25.2	34.0	51.53	4.0	0.8	5.51	18.8	38.21	0.64	551	29
82N03	2005	1416	11	483017	5676087	6		1.27	0.70	11.5	8.8	0.37	1	0.07	1.26	24.8	21.3	37.82	3.8	0.6	4.24	7.9	23.84	0.73	505	22
82N03	2005	1417	11	480465	5673412	6		0.65	0.50	89.4	9.5	0.19	3	0.12	0.73	20.3	9.6	15.57	2.2	0.6	2.09	13.3	14.88	0.30	684	20
82N03	2005	1418	11	487202	5674001	6		1.70	0.35	6.1	78.3	0.29	2	0.29	0.25	76.2	18.1	33.93	5.3	0.9	3.45	18.1	23.25	0.81	799	27
82N03	2005	1419	11	487874	5673413	6		1.41	0.74	33.1	59.7	0.29	3	0.36	0.65	105.1	33.3	408.44	4.5	19.7	3.26	9.6	33.82	0.85	592	32
82N03	2005	1420	11	489412	5671061	6		2.08	0.83	18.7	53.6	0.37	2	0.13	0.47	108.5	22.7	50.95	6.1	6.3	4.48	13.2	28.40	1.22	807	24
82N03	2005	1422	11	479840	5677460	6		0.85	1.56	40.4	54.3	0.26	4	0.40	0.48	20.7	16.3	31.58	2.4	2.4	2.76	21.1	20.68	0.50	1341	19
82N03	2005	1423	11	480462	5677232	6		1.06	0.95	13.0	11.7	0.34	2	0.10	0.69	20.1	18.3	30.87	3.1	1.5	3.77	17.9	25.13	0.51	375	18
82N06	2005	1425	11	479498	5678837	6		1.16	0.61	13.0	22.8	0.32	2	0.13	0.30	25.9	19.6	33.83	3.7	4.6	4.02	18.3	22.73	0.59	560	31
82N06	2005	1426	11	479892	5678693	6	10	1.46	0.40	7.7	11.0	0.33	<1	0.07	0.67	28.4	21.2	33.98	4.3	0.6	4.14	14.7	21.81	0.76	488	30
82N06	2005	1427	11	479892	5678693	6	20	1.45	0.39	7.8	10.0	0.35	1	0.07	0.52	28.4	21.4	34.32	4.4	0.7	4.25	15.6	22.17	0.79	438	28
82N06	2005	1428	11	476566	5694754	6		1.25	0.35	7.2	29.5	0.34	2	0.13	1.19	29.6	19.7	30.02	3.5	0.8	3.80	11.9	18.50	1.05	838	34
82N06	2005	1429	11	476387	5693922	6		1.10	0.42	8.6	13.9	0.35	1	0.14	0.86	48.7	21.2	37.15	3.3	0.6	3.92	16.0	29.37	1.13	571	23
82N06	2005	1430	11	476664	5696428	6		1.18	0.26	5.7	23.8	0.30	1	0.07	1.02	42.7	16.4	22.15	3.2	0.2	3.52	17.9	17.56	1.10	454	27
82N06	2005	1431	11	491974	5691831	6		0.76	0.29	4.1	92.4	0.13	2	0.10	0.38	14.2	8.6	9.35	2.3	0.2	2.05	18.7	9.76	0.37	415	15
82N11	2005	1432	11	498722	5706989	6		1.59	0.09	2.2	11.6	0.29	1	0.03	7.65	28.5	16.1	17.76	5.0	0.2	3.53	9.2	14.08	1.31	555	<5
82N11	2005	1433	11	498407	5706169	6		0.64	0.16	2.2	19.4	0.33	1	0.02	8.24	15.2	18.9	21.43	2.0	0.2	4.30	4.3	11.78	1.15	700	8
82N11	2005	1434	11	493804	5708328	6		1.75	0.25	3.1	10.3	0.34	1	0.02	6.57	33.0	18.2	24.44	5.2	0.8	4.02	9.5	15.95	1.66	477	7
82N11	2005	1435	11	474099	5720501	6		0.49	1.61	13.4	87.9	0.31	1	1.80	1.79	10.2	19.4	49.87	1.4	0.3	3.53	9.3	18.59	0.26	213	5
82N12	2005	1436	11	439417	5718526	6		0.99	0.03	1.0	9.3	0.25	1	0.03	0.20	22.1	13.5	48.27	2.9	0.3	2.40	33.9	3.40	0.66	258	6
82N12	2005	1437	11	457260	5711927	6		0.66	0.07	2.3	55.4	0.29	1	0.07	0.29	15.7	8.1	19.75	2.4	0.7	1.48	37.3	5.98	0.43	218	6
82N12	2005	1438	11	457059	5711561	6		0.71	0.02	0.5	21.8	0.17	2	0.02	0.28	18.4	12.0	47.51	2.4	0.3	1.64	33.3	2.56	0.53	127	6
82N12	2005	1439	11	458358	5709849	6		1.14	0.11	11.6	43.7	0.36	2	0.15	0.48	45.9	23.2	37.81	3.8	<0.2	2.73	34.1	9.32	0.97	445	12
82N12	2005	1440	11	450210	5707071	6		1.17	0.05	1.8	8.2	0.31	<1	0.05	0.19	28.0	20.0	72.75	3.4	0.7	3.62	21.3	6.44	0.78	500	<5
82N12	2005	1442	11	450275	5706936	6		1.21	0.06	2.6	9.0	0.32	1	0.06	0.21	28.4	19.2	71.91	3.6	0.7	3.58	24.8	6.19	0.81	485	<5
82N12	2005	1443	11	451909	5706303	6		1.23	0.07	7.7	8.7	0.35	1	0.08	0.22	29.6	18.8	50.84	3.8	1.0	3.24	34.5	6.57	0.75	461	13
82N05	2005	1444	11	453022	5702606	6		0.67	0.05	1.9	30.0	0.13	1	0.06	0.11	14.3	10.2	17.34	2.1	<0.2	1.83	19.8	6.23	0.42	317	5
82N05	2005	1445	11	453508	5702525	6		1.56	0.08	4.3	19.2	0.28	1	0.09	0.19	41.7	20.6	55.57	4.9	0.6	3.76	34.0	4.97	0.97	628	10

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
82N03	2005	1402	11	490150	5677324	6		0.88	54.3	0.094	0.03	4.0	0.3	73	0.002	32.2	0.06	0.04	0.09	6.2	0.001	<0.1	1.1	5	90.6
82N03	2005	1403	11	490080	5676950	6	10	0.57	77.8	0.108	0.04	3.1	0.1	41	0.004	46.9	0.04	0.04	0.02	21.2	0.003	<0.1	1.1	25	81.7
82N03	2005	1404	11	490080	5676950	6	20	0.54	79.3	0.110	0.05	3.1	0.1	41	0.004	45.9	0.04	0.05	0.02	23.2	0.002	<0.1	1.2	25	82.4
82N06	2005	1405	11	487626	5681181	6		0.62	50.2	0.074	0.04	2.5	0.2	37	0.003	70.9	0.08	0.04	0.03	8.3	0.009	<0.1	0.9	19	56.5
82N06	2005	1406	11	487712	5681635	6		0.46	57.5	0.082	0.04	3.1	0.4	46	0.002	39.7	0.06	0.02	0.04	5.8	0.003	<0.1	0.9	16	74.9
82N06	2005	1407	11	488239	5681041	6		0.76	59.8	0.088	0.04	3.5	0.4	55	0.003	24.4	0.03	0.02	0.05	7.0	0.003	<0.1	1.8	18	91.3
82N06	2005	1408	11	491875	5679792	1		2.18	49.7	0.080	0.07	2.6	0.7	55	0.005	15.3	0.02	0.02	0.17	9.0	0.002	<0.1	2.5	17	94.3
82N06	2005	1409	11	490028	5681568	6		0.78	29.1	0.081	0.14	2.6	0.8	37	0.004	22.1	0.02	0.02	0.07	4.9	0.004	<0.1	2.0	13	59.3
82N03	2005	1410	11	484599	5677284	6		0.51	75.8	0.092	0.02	2.5	0.2	39	0.002	26.0	0.02	0.05	<0.02	15.2	0.002	0.3	2.0	21	94.1
82N03	2005	1411	11	484320	5677597	6		0.56	54.6	0.072	0.02	2.1	0.4	57	0.002	16.9	0.01	0.04	0.02	9.4	0.005	<0.1	2.9	15	87.3
82N03	2005	1413	11	483218	5676675	6		0.53	46.7	0.062	0.03	1.8	0.3	87	0.001	27.9	0.02	0.04	0.02	8.3	0.003	<0.1	1.2	10	65.0
82N03	2005	1414	11	484002	5676568	6		0.41	47.0	0.067	0.04	1.6	0.3	67	0.002	23.7	<0.01	0.02	0.02	9.9	0.002	<0.1	3.3	12	79.5
82N03	2005	1415	11	482170	5675324	6		1.42	58.8	0.048	0.02	1.7	0.7	184	0.002	39.6	0.09	0.08	<0.02	11.8	0.003	<0.1	1.9	10	89.9
82N03	2005	1416	11	483017	5676087	6		0.44	43.7	0.050	0.01	1.7	0.4	71	0.001	104.0	0.04	0.05	<0.02	7.1	0.001	<0.1	1.1	8	75.2
82N03	2005	1417	11	480465	5673412	6		0.67	22.0	0.058	0.02	0.8	2.5	58	0.003	39.6	0.03	0.02	0.02	2.4	0.011	<0.1	6.0	11	44.1
82N03	2005	1418	11	487202	5674001	6		0.87	59.3	0.104	0.03	2.1	1.0	71	0.004	31.0	0.05	0.03	0.04	3.8	0.008	<0.1	9.7	22	83.3
82N03	2005	1419	11	487874	5673413	6		0.87	57.8	0.119	0.04	3.0	3.8	120	0.004	52.0	0.13	0.04	0.04	3.2	0.008	0.2	12.2	19	63.3
82N03	2005	1420	11	489412	5671061	6		0.65	78.7	0.116	0.04	2.9	3.1	97	0.004	39.6	0.08	0.04	0.02	7.2	0.003	0.1	9.4	27	85.8
82N03	2005	1422	11	479840	5677460	6		0.67	42.6	0.990	0.02	1.6	1.0	69	0.003	31.7	0.05	0.03	0.03	6.5	0.007	<0.1	7.1	9	79.2
82N03	2005	1423	11	480462	5677232	6		0.43	37.8	0.060	0.02	1.8	0.8	87	0.002	58.8	0.02	0.04	0.02	6.9	0.003	<0.1	1.5	10	76.5
82N06	2005	1425	11	479498	5678837	6		0.57	43.0	0.072	0.03	1.9	0.8	81	0.002	21.1	0.07	0.03	0.02	7.4	0.004	<0.1	3.3	10	82.2
82N06	2005	1426	11	479892	5678693	6	10	0.47	43.1	0.055	0.02	1.7	0.6	64	0.001	44.5	0.06	0.02	0.02	7.9	0.003	<0.1	1.5	11	80.0
82N06	2005	1427	11	479892	5678693	6	20	0.44	43.5	0.054	0.02	1.7	0.6	66	0.002	37.7	0.07	0.03	0.02	8.1	0.003	<0.1	1.4	10	79.2
82N06	2005	1428	11	476566	5694754	6		0.56	48.0	0.072	0.06	1.5	1.2	61	0.002	36.7	0.06	0.02	0.03	5.8	0.003	<0.1	2.1	11	63.1
82N06	2005	1429	11	476387	5693922	6		1.02	57.2	0.071	0.03	1.8	0.9	77	0.002	35.1	0.10	0.02	0.02	7.4	0.003	<0.1	2.5	14	69.8
82N06	2005	1430	11	476664	5696428	6		0.54	43.5	0.068	0.04	1.7	0.8	51	0.002	23.5	0.04	<0.02	0.03	5.4	0.005	<0.1	2.4	15	58.3
82N06	2005	1431	11	491974	5691831	6		0.48	17.6	0.069	0.08	1.5	0.7	25	0.002	22.1	0.03	<0.02	0.04	5.9	0.004	<0.1	1.2	11	41.2
82N11	2005	1432	11	498722	5706989	6		0.09	32.8	0.049	0.01	2.8	0.1	10	0.003	218.1	0.03	<0.02	<0.02	7.1	0.001	<0.1	0.4	10	79.7
82N11	2005	1433	11	498407	5706169	6		0.19	33.3	0.080	0.02	3.7	0.2	11	0.004	144.8	0.07	0.02	<0.02	6.3	0.001	<0.1	0.5	10	84.2
82N11	2005	1434	11	493804	5708328	6		0.17	39.2	0.062	0.02	2.7	0.1	16	0.004	180.0	0.07	0.02	0.02	6.3	0.001	<0.1	0.4	11	87.1
82N11	2005	1435	11	474099	5720501	6		8.34	50.0	0.110	0.01	1.4	2.4	459	0.002	56.8	0.15	0.04	0.03	7.5	0.001	<0.1	2.1	11	201.7
82N12	2005	1436	11	439417	5718526	6		0.28	36.7	0.088	0.03	1.7	0.3	36	0.002	3.2	0.01	0.04	0.03	11.5	0.010	0.1	2.4	10	48.5
82N12	2005	1437	11	457260	5711927	6		0.69	18.3	0.076	0.29	1.5	0.4	26	0.007	31.4	0.03	<0.02	0.17	7.6	0.068	0.5	1.6	17	40.0
82N12	2005	1438	11	457059	5711561	6		0.28	35.0	0.086	0.17	1.3	0.2	33	0.007	6.6	0.12	0.02	0.13	12.1	0.031	<0.1	2.1	11	30.8
82N12	2005	1439	11	458358	5709849	6		0.65	100.6	0.079	0.30	2.0	0.8	59	0.014	22.6	0.06	0.03	0.22	7.7	0.064	<0.1	7.7	20	64.4
82N12	2005	1440	11	450210	5707071	6		0.31	53.8	0.087	0.02	1.4	0.3	51	0.002	4.6	0.12	0.04	<0.02	10.2	0.004	<0.1	2.5	11	63.6
82N12	2005	1442	11	450275	5706936	6		0.29	53.7	0.090	0.02	1.6	0.4	50	0.002	4.6	0.08	0.02	<0.02	10.9	0.005	<0.1	2.5	11	63.4
82N12	2005	1443	11	451909	5706303	6		0.35	50.9	0.079	0.02	1.5	0.7	59	0.002	5.3	<0.01	0.05	<0.02	9.9	0.005	<0.1	5.0	11	67.0
82N05	2005	1444	11	453022	5702606	6		0.22	22.4	0.047	0.09	0.7	0.2	24	0.001	6.8	0.02	0.02	0.04	8.4	0.018	<0.1	1.5	9	29.8
82N05	2005	1445	11	453508	5702525	6		0.34	58.8	0.078	0.01	1.7	0.4	55	0.002	4.4	0.03	0.03	<0.02	10.1	0.005	<0.1	2.4	12	82.2

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
82N05	2005	1446	11	453082	5703165	6		0.73	0.05	1.6	23.5	0.18	1	0.06	0.13	17.3	12.2	24.88	2.1	0.2	1.82	23.7	5.74	0.46	291	8
82N05	2005	1447	11	455321	5704079	6		0.32	0.02	0.5	54.4	0.08	<1	0.03	0.08	8.5	5.2	9.16	0.9	0.3	0.77	16.9	4.19	0.18	117	9
82N05	2005	1448	11	454563	5704431	6	10	0.95	0.06	3.1	8.5	0.29	1	0.04	0.19	23.7	12.8	61.76	2.7	0.6	3.64	26.9	4.83	0.68	304	6
82N05	2005	1449	11	454563	5704431	6	20	0.85	0.06	2.8	7.2	0.32	1	0.05	0.21	21.2	12.7	72.06	2.6	0.7	3.30	26.6	5.05	0.61	285	<5
82N05	2005	1451	11	457202	5705047	6		0.92	0.06	0.5	24.9	0.23	2	0.15	0.44	22.2	22.4	54.93	3.0	0.5	2.33	50.1	5.64	0.76	394	6
82N05	2005	1452	11	458675	5705526	6		1.01	0.06	2.6	26.6	0.22	1	0.07	0.28	23.2	16.6	39.61	3.2	0.6	2.50	33.6	5.00	0.75	260	8
82N05	2005	1453	11	459185	5700870	6		2.09	0.12	1.1	25.4	0.39	2	0.20	0.22	45.4	40.0	93.14	6.3	1.2	4.13	118.5	10.04	1.19	480	34
82N05	2005	1454	11	458812	5700816	6		0.56	0.04	2.0	13.6	0.11	<1	0.04	0.14	13.3	8.9	24.09	1.7	0.6	1.61	13.2	3.41	0.44	179	5
82N05	2005	1455	11	431861	5700648	6		0.75	0.14	5.5	18.1	0.15	<1	0.02	2.97	14.6	14.9	23.43	2.5	0.7	2.47	22.1	11.69	0.54	385	<5
82N05	2005	1456	11	431820	5701426	1		0.98	0.29	12.2	19.7	0.35	<1	0.05	5.02	17.2	23.4	34.09	3.1	1.2	3.50	9.5	19.65	0.87	629	7
82N05	2005	1457	11	432948	5699665	6		0.54	0.49	6.4	32.2	0.16	<1	0.06	0.18	21.8	15.0	17.25	1.8	3.0	2.46	21.1	11.95	0.35	357	7
82N05	2005	1458	11	432845	5699404	6		0.42	0.07	2.8	14.3	0.11	1	0.01	0.15	8.7	9.7	15.65	1.5	0.6	1.69	19.7	6.42	0.24	205	<5
82N05	2005	1459	11	437120	5694029	6		0.48	0.39	7.0	16.1	0.16	1	0.04	7.66	8.8	12.4	19.33	1.5	0.2	2.17	18.4	11.36	0.62	395	<5
82N05	2005	1460	11	437329	5694284	6		0.82	0.44	9.8	27.9	0.29	1	0.05	0.28	16.4	16.0	17.65	2.8	2.5	3.20	10.8	17.41	0.33	428	14
82N05	2005	1462	11	437155	5694223	6	10	0.42	0.28	5.5	22.4	0.13	<1	0.03	0.19	7.5	11.4	21.54	1.3	0.5	1.72	20.2	7.97	0.26	263	5
82N05	2005	1463	11	437155	5694223	6	20	0.44	0.28	5.2	23.2	0.13	<1	0.02	0.21	6.6	10.6	21.52	1.2	0.4	1.62	22.7	7.80	0.27	283	<5
82N05	2005	1464	11	439027	5692640	6		0.56	0.77	8.2	21.2	0.41	2	0.08	0.55	11.4	20.9	27.82	1.4	1.2	3.32	7.0	20.03	0.40	304	12
82N05	2005	1465	11	440802	5688753	6		0.78	0.37	11.8	25.8	0.41	1	0.12	1.37	17.1	25.1	23.14	2.4	1.0	3.76	5.6	17.14	0.41	430	13
82N05	2005	1466	11	439718	5689178	6		0.16	0.68	6.0	112.4	0.03	1	1.08	20.41	3.9	2.2	10.75	0.5	0.2	0.57	2.8	6.95	1.17	126	13
82N05	2005	1467	11	438556	5689443	6		0.21	0.47	7.6	163.6	0.11	<1	0.84	27.18	4.8	8.4	13.63	0.7	0.2	1.27	10.4	18.46	1.62	254	13
82N05	2005	1468	11	438546	5689588	6		0.20	0.45	3.4	4.8	0.05	<1	0.04	40.00	4.4	5.3	7.28	0.6	0.2	0.69	10.2	5.60	0.51	212	<5
82N05	2005	1469	11	441861	5685948	6		0.31	1.10	5.4	295.7	0.06	1	2.06	9.08	8.1	3.7	19.72	1.1	<0.2	0.98	7.1	7.47	0.98	120	17
82N05	2005	1470	11	442429	5685906	6		1.04	0.35	9.5	22.1	0.34	1	0.24	1.37	21.1	23.4	25.56	3.1	0.8	3.61	11.8	18.46	0.61	506	13
82N04	2005	1471	11	440358	5668141	6		0.36	0.44	8.8	64.9	0.58	4	6.45	2.76	7.2	15.3	94.97	1.0	0.3	2.87	13.4	20.83	0.56	422	15
82N04	2005	1472	11	436438	5670616	6		0.59	0.36	9.5	48.8	1.66	1	1.88	1.94	10.3	17.4	50.29	1.5	0.4	3.11	17.0	9.90	0.54	477	8
82N04	2005	1473	11	433400	5674065	6		0.90	0.47	4.4	51.3	0.25	1	0.36	0.93	22.2	16.5	40.69	2.6	96.4	2.77	14.0	13.83	0.69	444	6
82N04	2005	1475	11	433102	5673838	6		0.67	0.37	11.1	683.4	0.35	1	0.80	6.29	13.4	11.3	30.61	2.0	4.9	2.25	17.0	30.65	1.18	458	51
82N04	2005	1476	11	436520	5670699	6		0.46	4.87	23.9	67.2	0.74	<1	3.15	1.53	10.0	10.1	44.80	1.4	0.5	2.07	9.0	40.27	1.04	271	10
82N05	2005	1477	11	430982	5680524	6		0.87	0.28	4.2	17.6	0.27	1	0.19	0.83	21.5	20.9	47.70	2.5	0.7	3.15	8.3	14.82	0.63	571	<5
82N05	2005	1478	11	430827	5680679	6		1.29	0.10	1.8	18.0	0.18	1	0.06	0.34	25.9	14.2	27.16	3.8	0.5	3.04	15.8	11.75	0.75	431	<5
82N05	2005	1479	11	430538	5687390	6		0.92	0.24	2.3	65.9	0.15	1	0.25	1.36	22.2	11.5	31.61	2.7	0.5	2.09	15.2	7.70	0.62	324	<5
82N05	2005	1480	11	430691	5687625	6		0.31	0.13	0.9	248.0	0.02	1	0.15	5.98	5.2	2.8	4.05	1.5	0.2	1.24	15.3	2.38	0.42	182	<5
82N05	2005	1482	11	444798	5683769	6		0.85	0.40	12.0	16.7	0.30	1	0.29	0.60	17.3	21.7	24.48	2.5	1.7	3.54	7.7	19.51	0.44	295	<5
82N05	2005	1483	11	443681	5685006	6		0.84	0.57	12.2	17.2	0.28	1	0.08	6.67	19.7	23.1	24.30	2.7	0.8	4.00	7.7	24.41	0.57	369	5
82N05	2005	1484	11	444108	5681683	6		0.60	0.29	3.9	54.4	0.12	2	0.45	0.94	13.7	7.6	30.46	2.8	0.7	1.93	16.3	12.86	0.51	362	9
82N05	2005	1485	11	444275	5682632	6	10	0.72	0.11	2.6	285.0	0.04	<1	0.24	9.47	14.1	5.6	17.04	2.8	0.3	1.61	12.7	6.85	1.72	351	<5
82N05	2005	1486	11	444275	5682632	6	20	0.71	0.12	2.8	281.7	0.04	1	0.23	8.04	15.3	6.5	17.50	2.8	0.2	1.86	13.5	8.09	1.77	328	<5
82N05	2005	1487	11	443691	5678783	6		0.56	0.16	4.9	11.6	0.10	<1	0.04	22.50	11.7	9.3	10.71	1.5	<0.2	1.65	26.5	8.43	1.77	257	<5
82N05	2005	1488	11	440533	5679062	6		1.00	0.30	9.2	56.3	0.25	3	0.65	0.65	23.2	19.1	46.50	2.8	1.0	3.35	7.6	17.46	0.79	582	10
82N05	2005	1489	11	440551	5679719	6		0.55	1.28	13.3	204.4	0.10	2	3.04	8.98	11.6	6.7	33.69	1.7	0.5	1.29	4.5	12.94	1.37	193	36

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
82N05	2005	1446	11	453082	5703165	6		0.17	32.8	0.060	0.05	0.7	0.3	29	0.002	5.3	0.02	<0.02	<0.02	8.1	0.013	<0.1	2.3	10	39.6
82N05	2005	1447	11	455321	5704079	6		0.07	13.4	0.025	0.06	0.3	0.3	14	0.002	3.6	0.01	<0.02	0.02	5.6	0.012	<0.1	1.2	5	15.1
82N05	2005	1448	11	454563	5704431	6	10	0.29	36.2	0.089	0.01	1.3	0.2	44	0.001	3.8	0.06	0.02	<0.02	10.3	0.007	<0.1	2.1	10	51.7
82N05	2005	1449	11	454563	5704431	6	20	0.29	37.0	0.094	0.01	1.2	0.2	46	0.001	4.2	0.06	0.02	<0.02	11.1	0.008	<0.1	2.2	9	48.4
82N05	2005	1451	11	457202	5705047	6		0.69	83.0	0.095	0.17	1.3	1.0	71	0.010	12.8	0.03	0.03	0.15	9.7	0.038	<0.1	6.1	13	59.1
82N05	2005	1452	11	458675	5705526	6		0.47	45.1	0.074	0.18	1.3	0.5	49	0.008	11.7	0.04	0.03	0.13	9.8	0.038	<0.1	2.1	13	51.2
82N05	2005	1453	11	459185	5700870	6		0.57	113.1	0.083	0.05	2.2	1.5	119	0.008	7.2	0.03	0.03	0.08	9.1	0.015	<0.1	5.8	20	115.1
82N05	2005	1454	11	458812	5700816	6		0.21	21.4	0.046	0.02	0.6	0.1	25	0.001	4.0	0.05	0.02	<0.02	5.5	0.004	<0.1	1.1	7	25.9
82N05	2005	1455	11	431861	5700648	6		0.20	25.4	0.107	0.07	1.1	0.1	17	0.002	68.4	0.20	<0.02	0.03	9.7	0.014	<0.1	0.8	6	53.6
82N05	2005	1456	11	431820	5701426	1		0.16	39.9	0.089	0.04	1.5	<0.1	47	0.001	43.8	0.07	0.05	0.02	9.3	0.002	<0.1	0.9	5	72.7
82N05	2005	1457	11	432948	5699665	6		0.32	25.3	0.067	0.08	1.1	0.1	43	0.002	13.3	0.02	<0.02	0.02	7.9	0.035	<0.1	0.9	10	39.7
82N05	2005	1458	11	432845	5699404	6		0.12	14.1	0.060	0.06	0.5	<0.1	12	0.001	13.8	0.10	<0.02	0.03	8.0	0.020	<0.1	0.7	5	24.4
82N05	2005	1459	11	437120	5694029	6		0.16	19.8	0.085	0.06	1.0	<0.1	18	0.001	78.4	0.05	<0.02	0.03	9.1	0.016	<0.1	0.8	2	38.5
82N05	2005	1460	11	437329	5694284	6		0.43	25.9	0.055	0.04	1.4	0.4	56	0.002	10.6	0.02	0.03	0.04	4.9	0.005	<0.1	5.1	9	56.4
82N05	2005	1462	11	437155	5694223	6	10	0.12	16.4	0.066	0.03	0.6	<0.1	14	0.001	13.6	0.08	<0.02	<0.02	9.0	0.013	<0.1	0.8	3	29.0
82N05	2005	1463	11	437155	5694223	6	20	0.13	15.7	0.064	0.03	0.6	<0.1	14	0.002	15.0	0.02	<0.02	<0.02	9.4	0.015	<0.1	0.8	4	28.0
82N05	2005	1464	11	439027	5692640	6		0.87	34.4	0.048	0.03	2.5	0.6	49	0.005	27.9	0.30	0.04	0.03	8.6	0.001	<0.1	2.4	4	81.8
82N05	2005	1465	11	440802	5688753	6		0.63	39.1	0.107	0.03	2.4	1.0	62	0.002	23.7	0.04	0.04	0.02	8.7	0.002	<0.1	1.3	6	78.8
82N05	2005	1466	11	439718	5689178	6		6.49	12.9	0.140	0.08	0.6	0.9	109	0.001	147.6	0.06	0.02	0.11	1.5	0.010	0.2	2.7	29	80.8
82N05	2005	1467	11	438556	5689443	6		4.01	20.4	0.052	0.05	0.6	0.8	62	0.001	160.2	0.37	0.04	0.08	4.5	0.009	<0.1	1.8	16	114.4
82N05	2005	1468	11	438546	5689588	6		0.15	5.5	0.025	0.01	0.7	0.2	11	0.001	201.1	0.02	0.03	0.02	3.5	0.001	<0.1	0.4	<2	14.6
82N05	2005	1469	11	441861	5685948	6		9.27	26.9	0.990	0.09	0.6	1.0	191	0.005	89.7	0.06	0.03	0.16	3.0	0.027	0.2	3.1	52	162.0
82N05	2005	1470	11	442429	5685906	6		1.09	41.1	0.980	0.02	2.4	0.6	60	0.002	31.4	0.05	0.04	0.02	10.0	0.002	<0.1	0.9	8	91.4
82N04	2005	1471	11	440358	5668141	6		7.38	66.7	0.140	0.02	0.8	3.4	647	0.002	105.8	0.07	0.09	0.04	3.5	0.004	0.1	3.3	8	378.5
82N04	2005	1472	11	436438	5670616	6		7.75	52.5	0.135	0.02	1.3	2.0	331	0.003	52.9	0.03	0.05	0.03	5.8	0.004	0.2	1.7	10	186.7
82N04	2005	1473	11	433400	5674065	6		1.98	39.6	0.108	0.01	1.3	0.6	201	0.001	42.1	0.05	0.06	0.02	7.0	0.003	<0.1	1.4	12	79.3
82N04	2005	1475	11	433102	5673838	6		1.41	28.5	0.170	0.03	1.1	0.6	168	0.001	77.0	0.01	0.03	0.11	6.9	0.011	<0.1	2.3	12	128.2
82N04	2005	1476	11	436520	5670699	6		27.62	73.3	0.100	0.04	1.5	2.2	658	0.007	79.6	0.09	0.08	0.11	4.9	0.010	5.0	3.1	41	398.5
82N05	2005	1477	11	430982	5680524	6		0.97	43.5	0.082	0.02	1.5	0.7	126	0.001	48.2	0.26	0.05	<0.02	6.9	0.004	<0.1	1.2	9	63.3
82N05	2005	1478	11	430827	5680679	6		0.42	34.3	0.078	0.05	1.4	0.1	50	0.003	18.7	0.08	0.02	0.04	8.9	0.024	<0.1	1.0	14	64.0
82N05	2005	1479	11	430538	5687390	6		1.06	30.6	0.075	0.10	1.4	0.3	64	0.017	51.0	0.10	0.03	0.07	7.7	0.041	<0.1	1.1	17	53.8
82N05	2005	1480	11	430691	5687625	6		0.74	5.4	0.124	0.07	0.8	0.1	31	0.012	62.1	0.02	<0.02	0.05	4.3	0.034	<0.1	1.4	27	28.4
82N05	2005	1482	11	444798	5683769	6		2.57	39.4	0.093	0.02	1.6	0.8	71	0.002	20.9	0.25	0.03	0.02	9.2	0.003	<0.1	1.8	6	91.2
82N05	2005	1483	11	443681	5685006	6		1.10	41.8	0.078	0.03	2.8	0.4	48	0.003	164.7	0.12	0.04	0.02	10.1	0.002	<0.1	1.0	4	80.3
82N05	2005	1484	11	444108	5681683	6		1.78	12.4	0.196	0.11	1.5	1.2	128	0.018	52.2	0.01	0.03	0.09	2.7	0.053	0.1	3.2	41	71.5
82N05	2005	1485	11	444275	5682632	6	10	0.75	8.8	0.173	0.10	1.3	0.3	40	0.037	195.0	0.06	<0.02	0.07	3.9	0.051	<0.1	1.7	32	37.7
82N05	2005	1486	11	444275	5682632	6	20	0.76	10.4	0.189	0.09	1.3	0.3	48	0.038	166.0	0.10	0.02	0.07	4.5	0.048	<0.1	2.4	37	42.9
82N05	2005	1487	11	443691	5678783	6		0.10	12.5	0.025	0.01	3.3	0.3	11	0.002	514.2	0.02	0.03	<0.02	5.5	0.002	<0.1	0.3	3	25.5
82N05	2005	1488	11	440533	5679062	6		3.02	57.5	0.079	0.02	1.3	1.4	188	0.001	42.9	0.36	0.07	0.02	7.5	0.003	<0.1	2.0	10	123.8
82N05	2005	1489	11	440551	5679719	6		15.85	43.3	0.105	0.15	1.2	1.8	292	0.008	206.2	0.09	0.05	0.29	3.0	0.029	0.2	2.7	80	284.1

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
82N05	2005	1490	11	439307	5680380	6		0.56	1.18	8.3	210.0	0.15	1	1.69	4.85	13.4	8.7	34.24	2.3	0.3	1.95	9.7	12.51	1.14	290	17
82N05	2005	1492	11	439184	5680013	6		0.90	0.28	7.8	27.1	0.24	<1	0.23	1.27	29.4	18.7	39.83	2.8	0.9	2.88	10.7	19.77	0.87	478	<5
82N04	2005	1493	11	444040	5676964	6		0.14	4.22	30.5	392.3	0.26	1	3.83	5.86	2.0	13.8	103.78	0.3	1.7	2.78	4.0	73.93	0.90	235	22
82N04	2005	1494	11	444924	5675523	6		0.33	1.50	18.8	181.0	0.29	1	2.43	4.82	6.7	12.6	65.60	0.9	0.5	2.61	5.6	31.68	0.71	279	12
82N04	2005	1495	11	448068	5670985	6		0.62	0.25	3.1	35.2	0.28	2	1.88	7.56	12.2	17.2	58.69	1.7	<0.2	3.01	24.1	22.51	1.22	427	<5
82N04	2005	1496	11	449227	5668545	6		0.40	0.23	4.9	31.6	0.32	1	1.12	8.21	7.2	18.5	61.88	1.1	0.4	3.59	19.1	11.04	1.63	482	6
82N04	2005	1497	11	450141	5666144	6		0.95	0.07	2.5	26.8	0.21	2	0.29	0.50	26.5	14.6	36.87	3.1	1.0	2.41	22.1	11.89	0.64	437	7
82N04	2005	1498	11	449563	5666071	6		1.60	0.04	1.2	36.4	0.34	1	0.25	0.37	35.5	15.6	30.22	4.8	0.6	2.70	27.9	12.13	0.83	578	20
82N04	2005	1499	11	450602	5664550	6		1.38	0.05	0.9	49.7	0.35	<1	0.16	0.34	31.3	17.7	34.94	4.8	1.0	2.69	30.8	10.55	0.76	476	11
82N04	2005	1500	11	449817	5664355	6		1.73	0.07	5.8	82.0	0.72	1	1.36	0.51	50.0	20.9	38.08	4.8	1.2	3.17	22.9	9.08	1.11	635	12
82N04	2005	1502	11	441241	5661450	6		1.11	0.10	17.6	87.9	6.47	2	0.83	0.46	13.3	8.6	27.74	3.4	0.6	1.97	20.6	21.96	0.57	632	25
82N04	2005	1503	11	440149	5662028	6	10	1.29	0.05	5.3	130.8	0.62	1	0.41	1.30	25.2	10.3	29.69	4.5	0.5	2.04	25.4	12.64	0.92	289	<5
82N04	2005	1504	11	440149	5662028	6	20	1.25	0.04	5.4	127.0	0.60	2	0.39	1.27	25.1	10.0	27.96	4.2	0.6	2.01	26.2	11.99	0.90	280	5
82N04	2005	1505	11	444105	5659665	6		1.24	0.04	4.1	278.5	0.65	3	0.19	1.64	18.5	12.8	16.19	4.4	<0.2	3.03	51.3	8.17	0.81	383	13
82N04	2005	1506	11	442229	5660689	6		1.56	0.07	6.3	205.4	2.12	3	0.31	0.85	30.8	13.6	25.78	5.3	0.2	2.89	28.9	10.59	0.91	527	12
82N04	2005	1507	11	448022	5658630	6		2.06	0.03	4.0	87.8	0.86	2	0.78	0.47	47.2	22.7	56.94	6.2	1.9	3.77	23.2	11.72	1.06	520	<5
82N04	2005	1508	11	447789	5658385	6		0.72	0.02	0.7	243.1	0.63	1	0.06	1.90	22.8	15.1	13.61	2.7	<0.2	3.46	59.9	2.45	0.75	228	5
82N03	2005	1510	11	471696	5654265	6		0.38	0.02	1.0	24.6	0.14	1	0.02	2.91	9.9	7.1	7.64	1.5	0.6	1.67	14.1	4.07	0.25	230	<5
82N03	2005	1511	11	471987	5654181	6		0.96	0.07	1.1	59.9	0.22	2	0.10	0.31	21.6	11.0	16.28	2.9	0.5	1.96	21.5	9.02	0.44	372	12
82N03	2005	1512	11	471961	5653517	6		0.69	0.05	1.6	49.4	0.71	2	0.38	0.77	12.2	5.4	12.11	3.3	2.2	1.41	26.0	13.29	0.31	363	10
82N03	2005	1513	11	471450	5652604	6		0.22	0.02	1.0	27.9	0.22	1	0.04	0.45	23.0	2.8	3.41	1.6	<0.2	1.83	140.6	3.42	0.10	109	<5
82N03	2005	1514	11	470472	5651253	6		0.65	0.02	0.8	45.4	1.54	2	0.07	1.04	39.5	4.3	2.46	3.4	<0.2	2.00	124.0	5.45	0.37	252	9
82N03	2005	1515	11	469082	5650502	6		0.50	0.03	0.8	54.7	7.37	2	0.10	0.37	5.8	3.4	3.38	3.2	<0.2	1.13	41.5	12.72	0.30	277	<5
82N03	2005	1516	11	467671	5650723	6		0.32	<0.02	0.3	32.2	1.30	2	0.02	0.80	29.3	3.4	3.69	2.0	0.6	1.55	99.4	3.93	0.23	151	6
82N03	2005	1517	11	466403	5652404	6		0.48	0.02	0.6	47.6	0.23	1	0.03	0.15	11.9	6.0	7.33	1.7	<0.2	0.99	15.7	3.71	0.30	139	<5
82N04	2005	1518	11	461939	5650801	6		1.00	0.05	1.0	94.1	0.76	2	0.11	0.96	26.1	6.5	3.75	4.6	0.4	1.79	77.1	6.61	0.58	385	21
82N04	2005	1519	11	460629	5650404	6		1.36	0.03	0.8	159.0	0.59	3	0.09	0.86	31.2	9.7	4.26	6.6	<0.2	2.31	67.6	7.24	0.99	506	10
82N04	2005	1520	11	454298	5651614	6		1.75	0.05	3.7	47.6	2.55	1	0.28	0.63	42.5	13.0	22.65	5.8	0.6	2.77	37.4	10.31	0.69	405	16
82N04	2005	1522	11	454559	5651772	6	10	0.62	0.04	1.6	21.9	0.90	2	0.10	0.35	6.4	3.3	3.41	3.9	0.5	1.61	89.4	13.48	0.27	322	6
82N04	2005	1523	11	454559	5651772	6	20	0.59	0.04	1.2	19.4	0.73	1	0.09	0.30	5.2	3.1	2.95	3.7	<0.2	1.44	78.0	13.47	0.26	304	<5
82N04	2005	1524	11	458791	5652399	6		1.01	0.07	0.9	103.6	1.38	2	0.18	0.89	16.8	7.3	9.31	4.8	0.5	2.10	68.8	16.35	0.61	464	17
82N04	2005	1525	11	458193	5654217	6		1.16	0.13	2.8	43.6	0.49	2	0.50	0.47	16.8	5.9	11.90	5.3	0.6	2.18	100.9	18.04	0.30	436	30
82N04	2005	1526	11	458875	5656366	6		0.59	0.03	1.9	42.5	0.77	1	0.11	0.28	10.9	4.3	7.65	2.6	0.8	1.08	21.0	4.97	0.22	163	<5
82N04	2005	1527	11	458402	5656613	6		0.83	0.06	1.4	46.7	1.17	2	0.63	0.49	8.2	3.7	5.43	4.4	<0.2	1.79	65.7	27.19	0.38	430	9
82N04	2005	1528	11	458580	5658617	6		1.51	0.03	1.2	47.8	0.58	1	0.18	1.22	37.5	12.4	25.97	5.3	0.7	2.45	41.3	10.92	0.58	396	<5
82N04	2005	1529	11	458997	5658873	6		1.28	0.19	8.0	101.2	1.81	4	1.60	0.62	19.1	12.1	36.90	4.4	0.3	2.75	19.0	22.66	0.45	469	11
82N04	2005	1531	11	444256	5667708	6		1.95	0.08	2.1	159.1	1.41	2	1.70	0.84	44.4	20.1	54.53	5.4	0.6	3.34	17.2	13.53	1.14	640	9
82N07	2005	2002	11	505920	5692226	6	10	1.34	0.06	2.8	26.0	0.24	3	0.02	5.85	20.9	13.7	17.36	3.9	<0.2	2.61	12.4	9.27	1.14	341	8
82N07	2005	2003	11	505920	5692226	6	20	1.34	0.05	2.8	25.7	0.25	2	0.02	5.68	20.8	13.1	17.29	3.9	0.2	2.69	11.7	8.82	1.15	342	<5
82N07	2005	2004	11	505860	5691990	1		1.11	0.08	3.1	23.0	0.18	2	0.01	7.45	17.1	11.2	13.43	3.2	<0.2	2.30	14.3	8.18	1.01	297	<5

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
82N05	2005	1490	11	439307	5680380	6		13.36	45.2	0.138	0.14	1.3	1.3	213	0.007	113.7	0.12	0.06	0.24	4.9	0.040	0.2	3.5	64	193.7
82N05	2005	1492	11	439184	5680013	6		1.13	64.7	0.095	0.02	1.3	0.5	109	0.001	84.4	0.17	0.05	0.02	8.6	0.007	<0.1	1.4	11	71.9
82N04	2005	1493	11	444040	5676964	6		11.54	44.8	0.216	0.03	1.3	4.1	1563	0.003	318.5	0.54	0.10	0.06	4.1	0.002	<0.1	2.7	7	272.9
82N04	2005	1494	11	444924	5675523	6		9.81	42.7	0.140	0.01	1.2	2.4	603	0.001	190.3	0.24	0.05	0.02	5.5	0.001	0.2	2.2	6	225.0
82N04	2005	1495	11	448068	5670985	6		5.88	48.9	0.111	0.01	1.4	1.6	322	0.001	250.7	0.14	0.04	<0.02	11.2	0.002	<0.1	2.2	5	175.0
82N04	2005	1496	11	449227	5668545	6		3.47	53.1	0.980	0.01	1.7	1.3	498	0.001	263.8	0.24	0.06	<0.02	11.2	0.002	<0.1	2.1	3	138.0
82N04	2005	1497	11	450141	5666144	6		1.31	49.7	0.080	0.10	1.4	0.6	89	0.002	36.1	0.03	0.03	0.12	9.1	0.044	<0.1	1.4	13	68.7
82N04	2005	1498	11	449563	5666071	6		0.33	43.8	0.069	0.15	1.8	0.9	96	0.010	20.7	0.04	0.02	0.17	7.3	0.066	<0.1	2.2	21	94.2
82N04	2005	1499	11	450602	5664550	6		0.66	44.0	0.980	0.27	1.9	0.9	62	0.011	16.3	0.02	0.02	0.25	12.5	0.079	0.8	3.3	21	73.3
82N04	2005	1500	11	449817	5664355	6		1.68	117.4	0.086	0.24	1.9	1.7	123	0.030	37.0	0.03	0.04	0.21	7.1	0.060	0.7	6.1	31	131.0
82N04	2005	1502	11	441241	5661450	6		1.40	7.0	0.086	0.22	2.2	0.7	265	0.010	19.4	0.04	<0.02	0.21	5.2	0.058	37.3	18.4	34	135.9
82N04	2005	1503	11	440149	5662028	6	10	1.38	20.8	0.250	0.26	2.3	0.6	125	0.037	61.4	0.06	<0.02	0.16	9.3	0.081	2.2	4.8	46	80.8
82N04	2005	1504	11	440149	5662028	6	20	1.35	19.7	0.238	0.25	2.3	0.5	133	0.037	56.9	0.04	<0.02	0.15	9.0	0.081	2.1	4.2	46	71.4
82N04	2005	1505	11	444105	5659665	6		1.64	10.8	0.521	0.23	1.9	0.6	94	0.029	147.7	0.03	0.02	0.15	16.1	0.089	3.3	8.1	72	52.7
82N04	2005	1506	11	442229	5660689	6		1.87	20.8	0.245	0.40	2.5	0.8	93	0.021	52.9	0.04	<0.02	0.33	8.1	0.116	13.1	12.7	63	98.0
82N04	2005	1507	11	448022	5658630	6		1.53	69.2	0.079	0.47	2.4	0.8	158	0.034	36.7	0.06	0.02	0.49	11.2	0.122	2.8	2.5	39	137.8
82N04	2005	1508	11	447789	5658385	6		0.62	18.6	0.752	0.18	1.4	0.2	31	0.032	163.2	0.10	<0.02	0.09	12.3	0.063	3.9	2.4	96	25.4
82N03	2005	1510	11	471696	5654265	6		0.47	10.7	0.065	0.09	0.6	<0.1	13	0.007	42.8	0.09	<0.02	0.06	9.3	0.031	0.5	2.8	11	14.9
82N03	2005	1511	11	471987	5654181	6		0.81	17.5	0.081	0.23	1.3	0.3	21	0.011	12.1	0.02	<0.02	0.19	8.7	0.088	0.7	4.4	17	35.7
82N03	2005	1512	11	471961	5653517	6		6.16	9.0	0.109	0.20	1.2	0.2	100	0.017	23.9	0.04	<0.02	0.20	14.5	0.066	11.8	14.6	13	59.0
82N03	2005	1513	11	471450	5652604	6		0.63	2.7	0.179	0.07	0.8	0.1	22	0.005	18.9	0.03	<0.02	0.05	62.1	0.036	3.4	10.7	35	12.1
82N03	2005	1514	11	470472	5651253	6		1.13	5.1	0.417	0.24	1.8	0.1	32	0.010	40.5	<0.01	<0.02	0.19	81.3	0.079	12.1	24.7	48	28.5
82N03	2005	1515	11	469082	5650502	6		25.60	2.0	0.151	0.25	2.2	0.1	47	0.008	24.6	<0.01	<0.02	0.24	23.2	0.079	2.6	7.9	19	36.3
82N03	2005	1516	11	467671	5650723	6		0.70	3.4	0.383	0.14	1.1	<0.1	36	0.007	23.0	0.03	<0.02	0.11	57.9	0.045	4.9	15.1	34	16.3
82N03	2005	1517	11	466403	5652404	6		1.69	11.4	0.058	0.23	0.7	0.1	19	0.004	6.9	0.02	<0.02	0.14	7.9	0.058	0.6	3.8	13	21.4
82N04	2005	1518	11	461939	5650801	6		0.48	7.5	0.349	0.30	2.0	0.3	31	0.011	42.2	0.03	<0.02	0.22	27.0	0.096	4.2	41.0	42	42.2
82N04	2005	1519	11	460629	5650404	6		0.22	12.2	0.309	0.58	2.8	0.1	35	0.015	48.9	0.01	0.02	0.36	27.0	0.158	2.0	10.7	53	62.1
82N04	2005	1520	11	454298	5651614	6		1.06	32.3	0.070	0.27	2.6	0.7	65	0.037	52.4	0.04	0.02	0.29	22.1	0.109	6.8	18.2	32	76.1
82N04	2005	1522	11	454559	5651772	6	10	1.76	3.1	0.120	0.09	1.5	0.1	51	0.005	22.0	0.02	<0.02	0.08	107.5	0.046	3.4	18.9	19	42.3
82N04	2005	1523	11	454559	5651772	6	20	1.68	2.7	0.100	0.08	1.4	0.1	44	0.005	20.3	0.01	<0.02	0.08	80.8	0.043	2.1	15.8	16	39.8
82N04	2005	1524	11	458791	5652399	6		2.01	6.4	0.338	0.29	2.2	0.3	50	0.010	39.6	0.04	<0.02	0.23	23.8	0.096	10.5	39.7	43	62.7
82N04	2005	1525	11	458193	5654217	6		9.20	9.6	0.106	0.14	2.3	1.4	93	0.015	30.7	0.07	0.02	0.20	78.3	0.069	4.1	44.0	38	71.6
82N04	2005	1526	11	458875	5656366	6		1.67	8.7	0.080	0.20	1.2	0.2	37	0.011	12.5	0.03	<0.02	0.16	11.7	0.058	2.8	9.5	14	37.0
82N04	2005	1527	11	458402	5656613	6		3.66	6.1	0.142	0.14	2.2	0.3	233	0.009	26.0	0.03	<0.02	0.17	52.8	0.065	4.1	21.6	29	99.4
82N04	2005	1528	11	458580	5658617	6		1.02	30.0	0.097	0.34	3.1	0.2	84	0.044	74.3	0.09	0.05	0.27	32.4	0.115	4.6	6.3	31	56.7
82N04	2005	1529	11	458997	5658873	6		4.52	38.6	0.096	0.15	1.6	1.7	274	0.028	45.0	0.07	0.04	0.21	8.3	0.038	11.0	13.9	28	176.6
82N04	2005	1531	11	444256	5667708	6		3.35	92.3	0.109	0.35	2.1	1.8	328	0.100	60.5	0.09	0.06	0.32	7.7	0.067	6.7	3.1	43	187.6
82N07	2005	2002	11	505920	5692226	6	10	0.11	26.5	0.089	0.03	1.9	0.1	13	0.002	117.3	0.07	<0.02	<0.02	7.3	0.001	<0.1	0.3	7	48.8
82N07	2005	2003	11	505920	5692226	6	20	0.10	24.5	0.089	0.03	1.9	0.1	15	0.002	118.1	0.07	<0.02	<0.02	7.2	0.001	<0.1	0.3	7	48.9
82N07	2005	2004	11	505860	5691990	1		0.15	20.8	0.096	0.03	2.0	0.2	13	0.002	131.7	0.04	0.02	0.02	7.1	0.002	<0.1	0.3	6	37.9

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
82N07	2005	2005	11	505055	5691309	1		1.17	0.32	5.8	75.5	0.14	4	0.06	6.23	16.8	8.8	13.89	3.2	0.6	2.09	15.7	12.47	0.93	318	35
82N07	2005	2006	11	505034	5690884	6		0.80	0.07	1.8	125.1	0.09	4	0.05	2.53	12.7	5.4	6.63	2.0	<0.2	1.37	10.3	9.44	1.39	179	31
82N13	2005	2008	11	448742	5755537	6		1.09	0.24	9.1	22.3	0.28	2	0.03	0.68	20.6	14.4	28.73	3.5	1.3	3.33	16.0	12.51	0.86	792	5
82N13	2005	2009	11	444924	5756694	6		1.33	0.31	24.4	31.1	0.37	2	0.03	0.14	30.1	18.6	33.90	4.6	5.9	4.02	22.3	17.97	0.65	737	8
82N13	2005	2010	11	442524	5756421	6		1.06	0.20	13.9	24.5	0.27	1	0.03	0.42	22.9	14.5	22.78	3.5	1.1	3.26	16.4	13.57	0.65	518	6
82N13	2005	2011	11	439104	5755767	6		0.77	0.15	9.2	7.7	0.14	1	0.02	12.08	15.4	13.1	15.04	2.1	0.3	2.02	23.4	9.28	0.97	292	<5
82N13	2005	2012	11	437610	5749816	6		1.42	0.07	3.1	79.3	0.28	2	0.12	0.54	24.8	12.8	23.54	4.2	0.6	2.60	19.0	6.82	0.68	558	20
82N13	2005	2013	11	438658	5748593	6		1.06	0.09	4.0	53.1	0.19	4	0.08	0.80	20.1	10.0	17.20	3.6	0.4	2.32	16.9	5.52	0.56	540	15
82N13	2005	2014	11	441911	5746133	6		0.77	0.05	2.1	89.1	0.12	3	0.09	1.45	14.0	6.5	10.63	2.5	<0.2	4.13	17.1	3.75	0.41	2013	15
82N13	2005	2015	11	443420	5744900	6		1.13	0.19	10.3	19.0	0.20	1	0.04	5.68	20.9	17.7	18.32	3.5	<0.2	2.36	18.1	13.67	0.90	347	<5
82N13	2005	2016	11	445748	5743242	6		1.13	0.20	7.2	23.2	0.21	1	0.10	2.55	18.5	13.2	17.51	3.5	0.3	2.43	20.9	11.34	0.84	387	18
82N13	2005	2017	11	446661	5742363	6		1.30	0.37	13.4	15.1	0.20	1	0.12	11.44	25.8	16.6	22.64	3.8	0.4	2.55	20.1	11.38	1.35	291	<5
82N13	2005	2018	11	448212	5741126	6		0.36	0.11	5.7	18.1	0.06	4	0.06	21.20	7.7	3.9	7.45	1.1	<0.2	0.93	8.6	3.73	0.65	211	6
82N13	2005	2019	11	451883	5738774	6		1.03	0.22	6.3	30.5	0.17	1	0.06	3.50	19.8	14.0	15.19	3.0	1.2	2.32	18.3	10.59	0.81	353	6
82N13	2005	2020	11	453986	5737545	6		1.18	0.22	5.3	40.2	0.25	1	0.12	2.52	18.4	12.5	16.37	3.7	0.9	2.48	23.5	11.17	0.82	426	13
82N11	2005	2022	11	493697	5726611	6		0.67	0.17	4.6	15.8	0.16	3	0.04	6.68	12.2	10.1	23.97	1.8	<0.2	1.96	11.9	8.41	2.07	427	16
82N11	2005	2023	11	491789	5724587	6		1.11	0.12	4.6	14.7	0.22	1	0.03	14.05	19.9	12.4	16.98	3.2	0.2	2.63	7.1	9.69	2.38	494	6
82N11	2005	2024	11	490771	5724974	6		1.05	0.21	4.7	16.8	0.27	2	0.03	12.38	18.4	13.9	17.89	3.2	0.4	3.06	8.7	7.43	1.15	524	9
82N11	2005	2025	11	489070	5724050	6		0.27	0.20	5.8	8.3	0.08	1	0.03	21.36	5.3	6.0	6.16	0.8	0.3	1.43	5.9	5.82	6.27	387	7
82N11	2005	2027	11	486458	5724064	6		0.62	0.51	7.9	36.1	0.20	3	0.11	10.33	8.8	12.2	10.86	1.5	0.7	2.64	19.0	12.38	5.18	726	30
82N11	2005	2028	11	483179	5723948	6		0.29	0.35	8.3	5.6	0.09	<1	0.06	25.93	5.6	10.0	9.26	0.9	<0.2	1.78	6.3	9.56	1.79	244	<5
82N11	2005	2029	11	481156	5723768	6		0.35	0.35	7.9	7.1	0.07	1	0.04	25.80	5.5	7.6	8.58	1.0	<0.2	1.54	13.6	6.43	2.26	288	<5
82N11	2005	2030	11	479990	5714348	6	10	1.80	0.19	2.4	41.9	0.18	2	0.04	0.47	29.2	14.1	16.50	5.3	0.4	3.75	35.6	14.61	1.10	526	13
82N11	2005	2031	11	479990	5714348	6	20	1.81	0.17	2.3	40.5	0.24	1	0.06	0.51	26.7	14.7	19.39	4.9	0.7	3.43	34.8	18.79	0.97	418	19
82N11	2005	2032	11	495856	5707065	6		0.26	0.13	3.0	23.7	0.39	1	0.04	7.51	7.6	18.5	23.12	0.7	1.0	4.28	2.7	12.36	0.64	757	8
82N11	2005	2033	11	493528	5707731	6		0.89	0.11	2.1	12.0	0.27	1	0.03	8.59	19.4	16.4	17.00	2.6	0.2	2.96	8.2	10.25	1.01	451	<5
82N11	2005	2034	11	489999	5708444	6		1.04	0.14	1.5	51.6	0.24	2	0.06	9.38	17.6	11.9	15.08	3.1	<0.2	2.62	6.4	11.33	0.85	610	19
82N12	2005	2035	11	460804	5709179	6		0.88	0.05	2.6	15.4	0.48	1	0.04	0.25	18.7	8.7	22.55	2.9	1.1	1.71	17.8	3.89	0.56	277	<5
82N05	2005	2036	11	464370	5705474	6		0.63	0.05	1.4	22.8	0.25	<1	0.04	0.21	14.2	8.9	22.07	2.1	0.2	1.59	17.3	4.69	0.44	223	<5
82N12	2005	2037	11	464504	5705595	6		0.56	0.03	1.3	21.2	0.19	<1	0.04	0.31	16.3	8.5	33.32	1.9	0.2	1.30	29.6	3.15	0.41	116	<5
82N05	2005	2038	11	465129	5702978	6		0.71	0.06	1.9	18.1	0.20	<1	0.05	0.31	15.0	9.9	26.41	2.1	0.6	1.70	17.5	4.77	0.56	240	<5
82N11	2005	2039	11	468986	5706153	6		0.78	0.11	3.6	23.8	0.22	1	0.04	1.22	13.9	9.6	13.90	2.0	0.6	2.30	20.2	7.59	0.92	677	9
82N06	2005	2040	11	471825	5703280	6		0.97	0.21	7.9	33.0	0.25	<1	0.05	1.83	18.2	14.1	22.86	2.7	0.3	2.87	22.7	12.69	1.24	577	12
82N06	2005	2042	11	474340	5702972	6		1.11	0.36	17.3	23.2	0.33	<1	0.07	0.70	21.2	16.9	31.93	3.3	0.8	3.58	22.4	17.96	0.81	520	25
82N06	2005	2043	11	476917	5693752	6		1.23	0.40	12.9	32.0	0.25	<1	0.06	1.23	47.1	16.6	19.34	3.5	0.4	3.88	12.7	13.81	1.03	1167	24
82N06	2005	2044	11	477374	5695517	6		1.24	1.13	26.7	29.0	0.34	1	0.04	1.29	25.9	19.2	32.44	3.7	1.1	4.10	7.5	23.31	1.04	546	19
82N06	2005	2045	11	475106	5698129	6		1.01	0.44	13.6	15.1	0.40	<1	0.09	1.05	26.8	20.8	40.99	2.8	0.6	3.93	13.4	19.48	0.79	463	10
82N06	2005	2046	11	475592	5698758	6		1.48	0.37	7.8	30.2	0.26	<1	0.04	1.66	28.5	17.6	30.34	4.4	0.4	3.92	7.7	15.10	0.92	424	12
82N06	2005	2047	11	474974	5699132	6		1.17	0.35	16.2	27.6	0.33	1	0.07	1.03	25.1	17.7	33.70	3.3	0.5	3.65	16.1	17.69	0.81	592	18
82N06	2005	2048	11	475406	5700107	6		1.59	0.21	5.3	117.9	0.23	<1	0.06	0.46	25.2	13.6	18.53	4.8	<0.2	3.49	8.0	13.01	0.64	444	23

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
82N07	2005	2005	11	505055	5691309	1		2.74	27.5	0.107	0.07	2.9	0.3	26	0.003	96.6	0.01	0.02	0.11	3.9	0.004	<0.1	0.7	11	83.0
82N07	2005	2006	11	505034	5690884	6		0.31	13.4	0.045	0.03	1.4	0.3	24	0.005	28.4	0.03	<0.02	0.04	2.9	0.007	0.2	0.3	6	55.6
82N13	2005	2008	11	448742	5755537	6		0.20	30.8	0.091	0.04	1.5	0.2	47	0.002	20.8	0.11	0.02	<0.02	9.5	0.002	<0.1	1.2	8	54.5
82N13	2005	2009	11	444924	5756694	6		0.38	39.7	0.056	0.02	1.8	0.2	43	0.003	8.3	<0.01	0.03	0.02	10.4	0.005	<0.1	1.9	14	77.9
82N13	2005	2010	11	442524	5756421	6		0.64	32.5	0.083	0.03	1.3	0.2	38	0.002	16.2	0.01	0.02	0.02	8.7	0.004	<0.1	1.1	9	59.9
82N13	2005	2011	11	439104	5755767	6		0.12	26.2	0.050	0.01	2.4	0.2	14	0.002	155.8	0.02	<0.02	<0.02	7.9	0.001	<0.1	0.4	5	36.1
82N13	2005	2012	11	437610	5749816	6		0.65	30.1	0.058	0.22	2.1	0.4	76	0.018	27.9	0.08	0.03	0.32	5.3	0.053	0.1	1.2	23	73.8
82N13	2005	2013	11	438658	5748593	6		0.49	23.0	0.056	0.14	1.8	0.6	43	0.010	26.3	0.04	<0.02	0.18	4.8	0.045	0.2	0.9	18	46.1
82N13	2005	2014	11	441911	5746133	6		0.46	20.0	0.056	0.11	1.5	0.9	34	0.011	40.2	0.04	<0.02	0.16	3.4	0.031	0.7	0.9	15	33.8
82N13	2005	2015	11	443420	5744900	6		0.32	31.1	0.064	0.03	1.9	0.3	29	0.006	96.7	0.03	0.02	0.02	9.1	0.010	0.1	0.7	9	47.9
82N13	2005	2016	11	445748	5743242	6		0.52	28.4	0.058	0.03	2.0	0.8	34	0.005	66.8	0.01	0.02	0.03	6.2	0.010	<0.1	0.8	11	58.9
82N13	2005	2017	11	446661	5742363	6		0.76	36.8	0.053	0.03	2.3	0.7	35	0.003	192.9	0.01	0.02	0.03	8.4	0.011	<0.1	0.7	13	57.9
82N13	2005	2018	11	448212	5741126	6		0.14	10.0	0.036	0.03	1.0	1.4	19	0.007	334.5	<0.01	0.03	0.03	1.5	0.009	<0.1	0.6	4	18.5
82N13	2005	2019	11	451883	5738774	6		0.25	26.7	0.070	0.02	1.6	0.8	23	0.003	70.6	0.01	<0.02	<0.02	6.8	0.003	<0.1	0.6	8	54.8
82N13	2005	2020	11	453986	5737545	6		0.43	25.1	0.079	0.05	2.2	0.7	37	0.006	83.7	0.01	0.02	0.04	5.3	0.013	0.1	0.7	13	64.7
82N11	2005	2022	11	493697	5726611	6		0.28	18.7	0.089	0.03	2.1	0.4	16	0.004	63.6	0.03	<0.02	<0.02	5.4	0.001	<0.1	0.4	6	28.3
82N11	2005	2023	11	491789	5724587	6		0.13	26.5	0.052	0.02	2.7	0.3	13	0.004	262.5	<0.01	0.02	<0.02	5.8	0.001	<0.1	0.3	7	46.1
82N11	2005	2024	11	490771	5724974	6		0.15	28.2	0.037	0.02	3.4	0.3	12	0.003	225.3	<0.01	0.03	<0.02	6.1	0.002	<0.1	0.3	8	44.4
82N11	2005	2025	11	489070	5724050	6		0.22	12.2	0.026	0.02	1.8	0.5	10	0.007	187.5	<0.01	0.02	<0.02	3.6	0.002	<0.1	0.3	5	17.8
82N11	2005	2027	11	486458	5724064	6		0.69	23.6	0.062	0.04	3.4	0.6	33	0.010	69.6	<0.01	<0.02	0.06	6.4	0.011	0.1	1.1	11	33.8
82N11	2005	2028	11	483179	5723948	6		0.05	12.0	0.018	0.01	3.0	0.5	13	0.002	519.0	<0.01	0.03	<0.02	4.7	0.001	<0.1	0.2	3	26.5
82N11	2005	2029	11	481156	5723768	6		0.11	9.2	0.016	0.01	2.3	0.5	10	0.003	490.4	<0.01	0.03	<0.02	3.7	0.002	<0.1	0.3	3	18.9
82N11	2005	2030	11	479990	5714348	6	10	0.27	33.4	0.062	0.02	2.5	0.3	26	0.004	32.9	<0.01	<0.02	0.02	8.0	0.004	<0.1	0.4	13	80.1
82N11	2005	2031	11	479990	5714348	6	20	0.38	33.4	0.060	0.02	2.6	0.1	25	0.003	34.3	<0.01	<0.02	0.02	9.6	0.005	<0.1	0.4	11	81.2
82N11	2005	2032	11	495856	5707065	6		0.29	31.5	0.062	0.01	4.3	0.2	12	0.002	137.0	0.01	0.02	<0.02	8.6	0.001	<0.1	0.6	6	83.5
82N11	2005	2033	11	493528	5707731	6		0.19	27.2	0.095	0.01	2.8	0.1	12	0.002	220.7	0.04	0.02	<0.02	7.9	0.001	<0.1	0.4	6	54.7
82N11	2005	2034	11	489999	5708444	6		0.19	24.1	0.044	0.02	2.1	0.3	14	0.003	229.5	0.03	<0.02	<0.02	4.4	0.003	<0.1	0.3	6	58.3
82N12	2005	2035	11	460804	5709179	6		0.38	24.8	0.084	0.17	1.0	0.8	26	0.003	12.8	0.02	0.03	0.11	6.8	0.041	<0.1	2.3	11	39.7
82N05	2005	2036	11	464370	5705474	6		0.23	21.9	0.058	0.08	1.0	0.1	22	0.003	7.9	0.03	<0.02	0.06	8.5	0.027	<0.1	1.6	9	30.3
82N12	2005	2037	11	464504	5705595	6		0.29	23.9	0.990	0.14	1.2	0.1	25	0.005	8.4	0.02	<0.02	0.11	13.7	0.034	<0.1	2.2	11	25.3
82N05	2005	2038	11	465129	5702978	6		0.31	24.5	0.064	0.06	1.0	0.2	33	0.002	9.2	0.04	0.02	0.04	8.6	0.018	<0.1	1.3	9	30.8
82N11	2005	2039	11	468986	5706153	6		0.32	23.7	0.040	0.02	0.9	0.5	28	0.001	19.5	0.01	0.02	0.02	6.8	0.006	<0.1	1.1	6	41.5
82N06	2005	2040	11	471825	5703280	6		0.42	32.1	0.053	0.03	1.1	0.7	52	0.002	38.1	0.04	<0.02	0.02	7.7	0.007	<0.1	1.6	7	64.1
82N06	2005	2042	11	474340	5702972	6		0.45	39.5	0.051	0.02	1.4	0.5	50	0.002	22.9	<0.01	0.02	<0.02	10.6	0.005	<0.1	1.5	8	72.8
82N06	2005	2043	11	476917	5693752	6		0.69	47.6	0.087	0.02	2.0	0.9	59	0.003	22.0	0.10	0.02	0.04	4.0	0.018	<0.1	2.5	24	54.0
82N06	2005	2044	11	477374	5695517	6		0.40	37.9	0.047	0.04	2.2	0.2	61	0.002	46.1	0.04	0.02	0.02	8.2	0.003	<0.1	0.7	11	75.0
82N06	2005	2045	11	475106	5698129	6		0.92	49.8	0.055	0.02	1.6	0.5	77	0.001	58.7	0.04	0.04	<0.02	8.3	0.003	<0.1	1.3	9	64.0
82N06	2005	2046	11	475592	5698758	6		0.44	39.6	0.037	0.02	1.7	0.1	51	0.001	55.6	<0.01	<0.02	<0.02	9.0	0.002	<0.1	0.8	11	73.2
82N06	2005	2047	11	474974	5699132	6		0.51	43.6	0.060	0.02	1.6	0.7	67	0.002	54.6	0.01	0.02	<0.02	7.7	0.006	<0.1	1.6	8	69.5
82N06	2005	2048	11	475406	5700107	6		0.33	31.0	0.047	0.02	1.3	0.4	60	0.002	29.9	<0.01	<0.02	0.02	4.2	0.012	<0.1	2.2	11	73.6

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
82N07	2005	2049	11	511312	5681589	6		0.59	0.27	3.4	252.8	0.10	8	0.15	13.32	13.1	6.7	8.75	1.9	<0.2	1.63	10.7	14.05	1.79	376	53
82N07	2005	2050	11	518755	5679036	6	10	1.41	0.09	2.1	28.6	0.23	1	0.02	7.93	26.0	15.3	18.74	4.3	<0.2	2.81	7.9	13.61	1.37	411	<5
82N07	2005	2051	11	518755	5679036	6	20	1.31	0.08	1.9	26.5	0.21	<1	0.02	8.06	23.9	14.1	18.18	4.0	<0.2	2.66	6.9	13.16	1.30	413	<5
82N02	2005	2052	11	534713	5651433	1		0.15	0.10	3.2	321.2	0.03	6	0.25	15.31	5.2	2.2	4.42	0.5	<0.2	0.77	4.6	11.96	6.13	149	8
82N02	2005	2054	11	533299	5652465	6		0.34	0.10	2.6	250.7	0.05	5	0.33	13.13	9.3	3.3	5.68	0.9	<0.2	0.92	4.7	9.42	6.13	234	20
82N02	2005	2055	11	532171	5655542	6		0.26	0.18	3.3	322.4	0.04	4	0.08	11.49	7.2	3.6	5.57	0.8	<0.2	0.82	6.9	7.35	4.67	210	15
82N02	2005	2056	11	529752	5657286	6		0.22	0.33	4.3	522.2	0.04	5	0.14	11.13	7.6	4.1	8.49	0.7	<0.2	0.90	9.4	9.65	5.28	193	20
82N02	2005	2057	11	525987	5659945	6		0.21	0.11	3.2	69.3	0.04	9	0.11	17.45	6.8	2.3	4.41	0.6	<0.2	0.62	4.0	8.48	9.32	208	89
82N02	2005	2058	11	523589	5661573	1		0.19	0.22	5.0	88.4	0.06	10	0.15	17.79	6.5	2.7	5.31	0.5	<0.2	1.06	4.1	18.97	9.30	218	47
82N02	2005	2059	11	524244	5661221	6		0.25	0.12	4.0	126.8	0.05	6	0.03	13.76	8.6	3.1	3.90	0.7	<0.2	0.95	6.0	8.41	7.70	434	55
82N02	2005	2060	11	521600	5663184	6		0.15	0.15	3.2	169.3	0.02	7	0.10	19.62	5.8	1.8	3.46	0.5	<0.2	0.60	3.6	9.41	9.14	170	42
82N02	2005	2062	11	520333	5664645	6		0.25	0.09	1.7	1012.6	0.03	7	0.12	33.51	5.1	1.7	3.03	0.7	<0.2	0.41	1.9	2.62	0.78	233	12
82N02	2005	2063	11	518178	5666037	6		1.05	0.13	2.6	257.7	0.08	3	0.09	5.64	18.3	8.6	9.30	3.0	<0.2	1.92	8.0	8.78	2.68	1149	23
82N02	2005	2064	11	517143	5667077	6		0.34	0.38	5.3	373.8	0.09	9	0.16	11.78	7.9	3.2	15.98	0.9	0.8	0.80	6.7	5.67	2.41	231	90
82N02	2005	2065	11	515595	5668988	6	10	0.41	0.64	4.9	375.3	0.09	7	0.14	7.23	8.2	5.0	10.52	1.3	0.5	1.27	11.7	9.85	2.24	216	46
82N02	2005	2066	11	515595	5668988	6	20	0.46	0.65	5.0	367.5	0.08	7	0.13	6.62	9.6	5.9	11.04	1.4	0.3	1.33	12.6	10.37	2.11	220	43
82N02	2005	2067	11	513075	5670141	6		0.31	0.24	0.6	634.9	0.09	12	0.21	13.59	13.7	2.2	5.08	0.8	2.3	0.56	2.9	5.40	2.57	379	46
82N02	2005	2068	11	511117	5671626	6		0.28	0.91	1.5	926.4	0.06	14	2.12	25.16	5.4	3.8	12.32	0.7	0.4	0.65	3.1	5.71	0.66	1038	113
82N02	2005	2069	11	524015	5652954	6		2.33	0.13	1.7	178.2	0.22	3	0.10	3.33	37.1	9.6	19.72	6.6	0.6	3.26	5.9	11.33	1.36	462	23
82N02	2005	2070	11	514478	5656583	6		0.55	0.76	4.8	55.2	0.18	2	0.05	0.51	9.9	9.5	13.25	1.6	0.5	2.27	5.1	8.76	0.25	295	39
82N02	2005	2071	11	503923	5661007	6		1.30	0.77	10.2	821.5	0.21	3	0.08	0.55	43.1	14.1	28.93	3.4	8.7	2.97	12.4	14.14	0.73	600	26
82N02	2005	2072	11	503320	5661354	6		1.24	0.64	15.2	105.6	0.20	4	0.10	0.81	41.0	12.2	27.66	3.5	1.4	2.56	9.9	13.83	0.65	555	34
82N02	2005	2074	11	510977	5657641	6		0.63	0.76	8.7	58.0	0.22	2	0.04	1.26	10.8	13.2	16.86	1.7	0.8	3.05	7.3	11.95	0.56	539	21
82N02	2005	2075	11	509164	5658867	6		0.61	0.76	6.0	63.4	0.22	2	0.04	0.98	11.3	15.0	17.01	1.8	0.3	2.71	5.1	11.46	0.33	584	25
82N02	2005	2076	11	507592	5659958	6		1.78	0.21	4.8	136.6	0.19	<1	0.15	0.77	38.1	15.1	23.95	6.0	0.7	3.99	2.4	16.16	0.83	1463	18
82N02	2005	2077	11	506447	5660299	6		0.81	0.60	7.5	109.6	0.23	4	0.17	0.57	12.4	14.5	18.38	2.1	0.8	3.37	7.3	11.84	0.31	1314	46
82N02	2005	2078	11	504765	5661544	6		0.86	0.33	4.3	269.2	0.16	5	0.10	1.05	23.3	10.3	15.04	2.2	0.6	2.60	8.8	9.14	0.55	910	45
82N11	2005	2079	11	471413	5721060	6		0.64	0.37	10.3	25.3	0.14	1	0.07	17.45	17.7	17.6	13.24	2.2	0.4	2.47	19.5	11.65	1.67	565	10
82N11	2005	2080	11	468227	5724538	6		0.38	0.15	5.1	69.3	0.07	3	0.06	36.83	6.4	4.9	7.67	1.1	0.4	1.06	8.9	4.51	0.44	898	13
82N01	2005	2082	11	541691	5661722	6		1.76	0.10	2.3	133.2	0.16	2	0.05	1.13	22.6	11.7	12.60	4.5	0.5	2.34	19.4	14.33	0.89	506	9
82N01	2005	2083	11	543214	5660511	6		0.91	0.14	1.1	126.3	0.08	4	0.12	12.61	18.9	5.2	14.64	2.2	0.5	1.12	6.1	6.46	0.51	904	37
82N01	2005	2085	11	544945	5661990	6	10	1.66	0.16	7.1	76.1	0.28	1	0.07	2.52	26.8	16.1	20.74	4.8	0.3	3.56	16.5	19.47	1.02	554	9
82N01	2005	2086	11	544945	5661990	6	20	1.46	0.16	7.3	78.4	0.22	1	0.08	2.11	24.5	13.9	17.63	4.3	0.7	3.26	15.8	18.08	0.90	445	7
82N01	2005	2087	11	551074	5659357	6		1.25	0.13	3.4	22.2	0.21	<1	0.05	6.66	22.6	13.7	14.46	3.5	0.2	2.93	7.9	10.11	1.79	453	9
82N01	2005	2088	11	551097	5659302	6		1.40	0.09	1.1	12.5	0.27	<1	0.03	7.54	24.6	15.4	16.82	4.4	0.2	3.50	5.5	10.42	1.02	470	<5
82N01	2005	2089	11	550438	5658672	6		1.80	0.31	108.1	60.5	0.21	1	0.10	1.75	27.1	11.3	20.01	4.7	<0.2	3.04	12.0	13.61	0.92	313	33
82N01	2005	2090	11	550154	5656382	1		1.93	0.21	32.0	33.3	0.20	4	0.04	4.05	31.6	13.7	16.07	5.5	0.2	3.55	10.9	12.83	1.29	449	10
82N01	2005	2091	11	539521	5658005	6		0.47	0.95	7.6	1144.1	0.08	8	0.37	7.26	10.3	5.2	12.76	1.6	0.2	1.30	13.5	22.21	3.42	222	50
82N01	2005	2092	11	538610	5659269	6		0.64	0.40	6.6	684.2	0.08	3	0.13	6.54	13.6	6.4	11.20	1.9	0.2	1.53	11.1	10.51	1.78	259	34
82N01	2005	2093	11	537389	5660516	6		1.10	0.21	2.5	681.7	0.12	7	0.15	2.66	16.0	6.6	9.37	3.1	<0.2	1.85	9.5	10.01	0.96	516	27

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
82N07	2005	2049	11	511312	5681589	6		1.12	17.0	0.114	0.05	2.0	1.1	20	0.006	168.6	<0.01	0.02	0.05	3.0	0.003	<0.1	0.7	6	56.9
82N07	2005	2050	11	518755	5679036	6	10	0.25	28.5	0.081	0.01	2.8	0.1	12	0.002	284.1	<0.01	0.02	<0.02	7.6	0.002	<0.1	0.4	8	61.8
82N07	2005	2051	11	518755	5679036	6	20	0.25	26.7	0.076	0.01	2.6	0.1	11	0.002	277.5	<0.01	<0.02	<0.02	7.3	0.001	<0.1	0.4	8	56.8
82N02	2005	2052	11	534713	5651433	1		1.26	9.0	0.036	0.04	1.6	0.3	15	0.009	70.2	0.02	<0.02	0.06	1.3	0.001	<0.1	0.4	5	85.6
82N02	2005	2054	11	533299	5652465	6		0.56	9.5	0.046	0.04	1.7	0.8	18	0.009	97.1	<0.01	<0.02	0.08	1.1	0.003	<0.1	0.4	6	118.0
82N02	2005	2055	11	532171	5655542	6		1.28	11.6	0.063	0.05	1.9	0.3	15	0.008	97.4	0.03	<0.02	0.07	1.7	0.002	<0.1	0.4	8	32.9
82N02	2005	2056	11	529752	5657286	6		3.62	18.0	0.056	0.08	2.6	0.6	29	0.009	77.2	0.07	0.02	0.17	1.9	0.002	<0.1	0.7	12	46.1
82N02	2005	2057	11	525987	5659945	6		0.46	7.7	0.036	0.05	1.0	0.9	12	0.018	68.3	0.01	<0.02	0.18	0.7	0.003	<0.1	0.4	6	41.6
82N02	2005	2058	11	523589	5661573	1		0.55	7.7	0.038	0.04	1.0	0.6	20	0.016	60.8	<0.01	<0.02	0.11	0.6	0.003	<0.1	0.2	6	71.3
82N02	2005	2059	11	524244	5661221	6		0.31	7.6	0.128	0.04	1.4	0.9	13	0.013	54.4	0.05	<0.02	0.05	1.0	0.004	<0.1	0.3	9	15.9
82N02	2005	2060	11	521600	5663184	6		0.48	5.7	0.027	0.03	1.1	0.7	11	0.016	75.1	<0.01	<0.02	0.07	0.7	0.002	<0.1	0.2	5	42.2
82N02	2005	2062	11	520333	5664645	6		0.33	5.0	0.027	0.03	0.7	1.4	11	0.008	148.6	0.01	<0.02	0.04	0.3	0.005	<0.1	0.2	4	43.9
82N02	2005	2063	11	518178	5666037	6		0.83	16.2	0.057	0.05	2.4	0.8	19	0.008	52.1	0.10	<0.02	0.05	2.1	0.007	<0.1	0.5	11	44.2
82N02	2005	2064	11	517143	5667077	6		0.96	11.1	0.047	0.03	1.6	2.1	41	0.009	64.8	0.18	<0.02	0.10	0.3	0.006	0.1	1.5	6	14.1
82N02	2005	2065	11	515595	5668988	6	10	6.57	23.2	0.070	0.14	2.8	0.5	45	0.003	91.0	0.16	0.02	0.17	3.1	0.002	<0.1	1.4	20	33.8
82N02	2005	2066	11	515595	5668988	6	20	6.69	24.8	0.071	0.14	2.6	0.5	46	0.003	83.5	0.15	<0.02	0.18	3.1	0.002	<0.1	1.3	22	36.6
82N02	2005	2067	11	513075	5670141	6		0.67	7.4	0.054	0.04	0.8	3.2	21	0.008	88.8	0.15	<0.02	0.06	0.3	0.004	0.1	1.6	2	17.5
82N02	2005	2068	11	511117	5671626	6		1.86	56.7	0.073	0.03	0.6	4.4	65	0.005	178.8	0.20	<0.02	0.41	0.1	0.006	0.2	2.6	4	118.4
82N02	2005	2069	11	524015	5652954	6		0.26	27.8	0.039	0.07	4.6	0.4	74	0.011	140.1	0.02	0.02	0.04	4.1	0.008	<0.1	0.2	19	58.1
82N02	2005	2070	11	514478	5656583	6		0.33	17.1	0.038	0.08	2.2	0.7	40	0.002	20.5	0.09	0.02	0.03	1.9	0.002	<0.1	0.5	7	29.8
82N02	2005	2071	11	503923	5661007	6		0.49	41.2	0.070	0.05	2.1	2.2	42	0.003	55.4	0.09	0.03	0.02	5.2	0.003	<0.1	2.8	18	109.2
82N02	2005	2072	11	503320	5661354	6		0.94	34.6	0.067	0.04	1.6	2.9	56	0.004	76.3	0.07	0.02	0.02	3.1	0.004	0.2	20.0	18	41.7
82N02	2005	2074	11	510977	5657641	6		0.47	26.1	0.053	0.07	2.6	0.7	39	0.003	30.7	0.05	0.03	0.03	3.3	0.003	<0.1	0.4	8	33.0
82N02	2005	2075	11	509164	5658867	6		0.48	25.1	0.030	0.06	1.9	0.7	39	0.002	27.4	0.05	0.03	0.03	2.2	0.003	<0.1	0.4	7	35.3
82N02	2005	2076	11	507592	5659958	6		1.47	40.9	0.044	0.04	3.6	0.6	30	0.004	41.0	0.09	<0.02	0.10	5.0	0.003	<0.1	0.8	19	94.9
82N02	2005	2077	11	506447	5660299	6		1.69	26.2	0.038	0.07	2.3	1.1	74	0.003	25.8	0.02	0.02	0.06	2.2	0.006	<0.1	0.9	11	35.6
82N02	2005	2078	11	504765	5661544	6		0.52	25.4	0.047	0.07	1.5	2.1	52	0.003	43.7	0.06	0.02	0.03	2.4	0.004	<0.1	0.8	10	38.6
82N11	2005	2079	11	471413	5721060	6		0.40	25.6	0.050	0.02	2.4	0.9	19	0.004	385.2	0.01	0.05	0.02	3.7	0.011	0.2	0.5	14	34.8
82N11	2005	2080	11	468227	5724538	6		0.22	6.3	0.023	0.01	0.7	0.9	14	0.004	338.2	<0.01	0.02	<0.02	1.5	0.002	<0.1	0.3	<2	16.4
82N01	2005	2082	11	541691	5661722	6		0.29	19.2	0.079	0.06	1.9	0.6	26	0.017	79.7	0.03	<0.02	0.05	5.3	0.027	0.1	0.7	15	55.8
82N01	2005	2083	11	543214	5660511	6		0.15	9.9	0.068	0.04	1.0	1.9	53	0.023	337.9	0.12	0.03	0.04	1.0	0.023	<0.1	0.7	7	24.4
82N01	2005	2085	11	544945	5661990	6	10	0.37	32.7	0.089	0.05	2.5	0.3	23	0.018	102.7	0.01	0.02	0.04	8.6	0.023	0.2	0.5	23	79.8
82N01	2005	2086	11	544945	5661990	6	20	0.37	29.0	0.083	0.05	2.3	0.3	22	0.019	93.2	<0.01	<0.02	0.04	7.6	0.021	0.2	0.5	22	70.1
82N01	2005	2087	11	551074	5659357	6		0.21	29.2	0.054	0.01	2.7	0.3	11	0.004	144.2	<0.01	0.02	<0.02	5.7	0.002	<0.1	0.4	10	61.6
82N01	2005	2088	11	551097	5659302	6		0.15	33.1	0.050	0.02	3.3	0.1	10	0.003	164.9	<0.01	0.02	<0.02	8.5	0.001	<0.1	0.5	8	77.0
82N01	2005	2089	11	550438	5658672	6		0.27	26.7	0.057	0.02	2.5	0.8	31	0.005	70.7	0.02	0.02	0.03	3.0	0.007	<0.1	0.5	13	68.0
82N01	2005	2090	11	550154	5656382	1		0.18	32.3	0.055	0.03	2.2	0.4	16	0.004	127.1	<0.01	<0.02	<0.02	6.1	0.002	<0.1	0.3	12	72.5
82N01	2005	2091	11	539521	5658005	6		7.60	29.2	0.085	0.17	2.5	0.5	58	0.006	63.0	0.10	0.03	0.27	2.9	0.002	<0.1	1.8	29	113.3
82N01	2005	2092	11	538610	5659269	6		4.08	24.6	0.075	0.08	2.6	0.4	33	0.003	92.9	0.05	0.03	0.18	2.8	0.002	<0.1	0.8	17	46.1
82N01	2005	2093	11	537389	5660516	6		1.90	18.5	0.068	0.08	2.0	1.2	25	0.005	53.8	0.04	<0.02	0.14	2.2	0.005	<0.1	0.6	15	54.1

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
82N06	2005	2094	11	486205	5701042	6		0.66	0.16	1.9	209.2	0.10	<1	0.04	0.18	7.7	5.1	7.27	2.1	1.3	1.36	6.5	6.49	0.20	237	18
82N06	2005	2095	11	487657	5698704	6		0.49	0.16	1.4	229.5	0.09	1	0.04	0.29	7.1	4.1	6.28	1.3	0.4	1.12	6.3	5.84	0.19	237	22
82N06	2005	2096	11	491422	5694205	6		0.67	0.42	4.5	145.9	0.13	1	0.15	0.44	10.8	9.7	13.47	1.8	0.5	1.91	10.6	10.77	0.33	608	25
82N13	2005	2097	11	465134	5735803	6		0.42	0.08	2.0	14.8	0.08	2	0.02	0.40	6.8	4.1	5.27	1.1	0.3	0.94	6.2	2.99	0.25	285	16
82N13	2005	2098	11	462217	5735778	6		0.84	0.13	8.2	11.3	0.19	1	0.01	0.31	17.0	9.5	11.86	2.4	0.2	2.23	12.0	7.18	0.51	440	8
82N13	2005	2099	11	461470	5736114	6		1.21	0.23	18.3	19.1	0.32	2	0.03	0.39	25.0	15.6	23.62	3.5	4.1	3.33	12.1	11.43	0.71	600	12
82N13	2005	2100	11	458461	5736662	6		0.99	0.29	14.9	23.7	0.24	1	0.13	1.44	20.1	13.9	19.75	2.8	0.5	2.80	18.5	14.07	0.90	553	9
82N13	2005	2102	11	457317	5736717	6		1.24	0.26	9.4	19.6	0.22	1	0.09	0.96	22.9	17.2	21.83	3.4	0.3	2.64	17.7	16.08	0.99	416	9
82N13	2005	2103	11	454691	5737178	6		0.85	0.25	7.9	16.5	0.16	1	0.06	1.85	15.3	11.4	12.86	2.5	0.3	2.20	19.1	12.22	0.72	330	5
82N02	2005	2104	11	523361	5656180	6		1.53	0.12	1.8	676.4	0.13	6	0.07	13.45	28.3	9.4	17.83	4.5	<0.2	2.54	4.3	12.26	1.42	381	15
82N02	2005	2105	11	518104	5658988	6		1.20	0.40	1.7	153.4	0.13	5	0.11	1.31	18.8	7.6	15.87	3.1	<0.2	2.08	4.9	8.35	0.64	442	42
82N02	2005	2106	11	515132	5662636	6		1.45	0.70	4.7	155.8	0.17	5	0.26	0.55	25.4	11.8	24.12	4.3	0.4	2.92	7.8	12.45	0.97	474	34
82N02	2005	2107	11	513996	5663611	6		1.39	0.33	2.8	169.6	0.15	4	0.13	0.58	23.0	12.8	17.45	3.6	<0.2	2.56	5.7	10.11	0.86	510	37
82N02	2005	2108	11	512649	5664824	6		0.71	0.37	2.5	109.5	0.12	2	0.08	0.26	12.7	7.6	12.70	2.0	<0.2	1.82	5.4	7.79	0.46	253	22
82N13	2005	2109	11	439957	5745548	6	10	1.20	0.02	1.0	92.2	0.35	1	0.05	0.47	32.6	9.7	29.43	4.2	0.7	1.89	25.7	4.73	0.67	187	7
82N13	2005	2110	11	439957	5745548	6	20	1.10	0.02	1.0	76.4	0.35	1	0.05	0.43	28.4	8.7	25.50	3.5	0.5	1.75	23.8	4.14	0.60	178	6
82N13	2005	2111	11	442235	5743094	6		1.02	<0.02	0.2	82.1	0.37	<1	0.02	0.52	25.8	9.2	35.27	3.3	0.7	1.77	12.3	3.06	0.54	151	<5
82N13	2005	2112	11	443860	5741847	6		0.52	<0.02	1.0	30.2	0.05	<1	0.02	0.62	41.2	5.2	22.98	2.4	0.4	1.49	8.6	1.20	0.33	136	<5
82N13	2005	2113	11	448636	5738380	6		0.69	0.02	1.0	55.4	0.11	1	0.04	0.67	31.2	5.8	18.55	2.8	1.7	1.59	11.0	2.04	0.45	175	<5
82N13	2005	2114	11	451647	5734390	6		1.21	0.03	1.3	73.3	0.19	1	0.03	0.37	22.9	9.2	19.17	3.9	20.7	1.94	16.4	5.02	0.66	221	<5
82N13	2005	2116	11	451679	5733585	6		1.30	0.03	0.7	104.7	0.24	1	0.06	0.64	22.9	9.6	29.21	4.5	0.3	2.13	14.0	6.33	1.01	255	<5
82N12	2005	2117	11	452132	5732397	6		1.41	0.12	0.8	201.8	0.43	2	0.16	0.55	31.9	14.0	30.70	4.8	0.6	2.45	32.7	8.11	0.82	500	18
82N12	2005	2118	11	455147	5728226	6		1.70	0.07	1.8	132.8	0.33	1	0.05	0.43	38.5	12.8	30.10	5.5	0.4	2.81	28.1	5.96	1.16	357	6
82N12	2005	2119	11	456872	5727558	6		1.24	0.03	1.8	82.2	0.24	1	0.06	0.35	27.7	9.7	18.30	3.7	<0.2	1.98	22.3	4.46	0.79	240	<5
82N12	2005	2120	11	458577	5725931	6		1.20	0.04	3.5	85.4	0.33	1	0.05	0.81	24.9	9.8	20.20	3.9	0.4	2.04	20.3	5.37	1.03	255	12
82N12	2005	2122	11	460989	5723304	6		1.16	0.07	3.8	58.9	0.40	1	0.07	0.43	25.0	9.6	17.18	3.7	0.4	2.10	18.9	4.81	0.70	327	11
82N12	2005	2123	11	462180	5722227	6		0.75	0.06	3.1	36.6	0.54	1	0.05	0.27	13.5	6.7	14.11	2.4	0.9	1.44	17.2	3.63	0.46	207	<5
82N12	2005	2124	11	463860	5718791	6	10	0.90	0.04	2.2	27.5	0.19	1	0.04	0.29	19.7	8.3	17.56	2.9	112.6	1.82	17.7	3.52	0.59	236	<5
82N12	2005	2125	11	463860	5718791	6	20	0.96	0.05	1.8	27.8	0.26	1	0.04	0.31	20.4	9.1	19.05	3.1	1.0	1.89	17.2	4.24	0.62	243	<5
82N12	2005	2126	11	465338	5716964	6		0.88	0.13	3.8	25.2	0.22	<1	0.06	0.64	19.9	9.9	19.01	2.9	0.9	1.89	19.2	4.59	0.72	343	5
82N11	2005	2127	11	466176	5715386	6		0.84	0.08	5.1	22.6	0.23	<1	0.06	0.32	16.2	9.1	17.03	2.6	36.4	1.85	18.1	4.48	0.56	301	<5
82N11	2005	2128	11	466882	5712605	6		0.90	0.10	6.8	16.0	0.32	1	0.05	0.92	17.5	11.4	20.70	2.5	15.2	2.39	25.6	7.57	0.85	431	8
82N11	2005	2129	11	469116	5710386	6		0.95	0.18	7.9	30.0	0.24	5	0.12	1.80	15.6	11.6	22.74	2.5	1.2	2.43	16.4	15.19	0.64	532	36
82N14	2005	2130	11	469402	5734954	6		0.74	0.27	11.1	11.3	0.14	<1	0.11	8.29	15.5	14.0	16.01	2.1	0.8	2.13	16.8	10.72	1.07	349	<5
82N02	2005	2131	11	508392	5674057	6		0.34	0.37	4.0	380.6	0.06	4	0.06	15.20	8.2	4.4	6.69	1.0	<0.2	1.20	6.1	9.12	3.55	227	91
82N11	2005	2132	11	465887	5732205	6		0.71	0.29	9.7	8.8	0.14	<1	0.07	13.92	14.9	12.4	16.57	2.0	0.7	1.95	22.2	10.91	0.89	284	<5
82N06	2005	2133	11	484170	5702647	6		1.08	0.51	6.2	154.4	0.21	2	0.09	0.47	20.6	15.8	21.14	3.0	1.6	3.26	7.1	17.09	0.51	727	36
82N06	2005	2135	11	477688	5704001	6		1.25	0.91	13.9	72.1	0.25	1	0.04	0.80	21.5	16.5	23.15	3.8	1.6	4.18	6.0	16.40	0.83	486	14
82N11	2005	2136	11	476742	5707308	6		0.49	0.27	5.2	108.5	0.10	2	0.10	15.03	9.4	6.0	9.02	1.5	1.0	1.29	6.5	5.98	0.50	378	11
82N01	2005	2137	11	546059	5650572	6		1.76	0.51	2.2	337.6	0.15	7	0.21	2.60	30.1	8.9	16.73	5.0	0.5	2.25	9.6	12.01	1.05	609	61

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
82N06	2005	2094	11	486205	5701042	6		0.28	10.8	0.026	0.05	0.8	0.6	29	0.003	28.3	0.02	<0.02	0.02	2.2	0.005	<0.1	2.3	6	21.7
82N06	2005	2095	11	487657	5698704	6		0.24	7.9	0.043	0.05	0.6	0.9	25	0.002	29.6	0.03	<0.02	0.02	1.7	0.003	<0.1	5.0	5	17.1
82N06	2005	2096	11	491422	5694205	6		0.88	16.1	0.064	0.06	1.5	1.0	44	0.002	26.7	0.05	<0.02	0.03	3.2	0.002	<0.1	2.3	7	37.6
82N13	2005	2097	11	465134	5735803	6		0.24	9.3	0.047	0.02	0.5	0.6	13	0.002	14.1	0.08	<0.02	<0.02	2.3	0.005	<0.1	1.9	2	21.3
82N13	2005	2098	11	462217	5735778	6		0.25	21.0	0.073	0.02	0.9	0.3	19	0.001	12.2	0.01	<0.02	<0.02	7.4	0.004	<0.1	1.4	6	38.7
82N13	2005	2099	11	461470	5736114	6		0.37	33.4	0.083	0.04	1.4	0.4	43	0.002	16.0	0.02	0.02	0.02	9.5	0.004	<0.1	2.3	11	51.9
82N13	2005	2100	11	458461	5736662	6		0.40	28.6	0.071	0.03	2.2	0.6	38	0.002	36.7	0.03	<0.02	0.02	8.2	0.003	<0.1	1.8	7	55.5
82N13	2005	2102	11	457317	5736717	6		0.47	34.3	0.064	0.03	1.9	0.6	33	0.002	24.7	0.10	<0.02	0.02	8.6	0.003	<0.1	1.7	9	53.6
82N13	2005	2103	11	454691	5737178	6		0.65	22.4	0.079	0.03	1.5	0.6	27	0.002	44.3	0.02	<0.02	<0.02	9.3	0.003	<0.1	0.8	6	49.7
82N02	2005	2104	11	523361	5656180	6		0.30	21.3	0.053	0.05	4.1	0.7	29	0.006	418.1	0.02	0.03	0.02	3.4	0.003	<0.1	0.3	15	51.3
82N02	2005	2105	11	518104	5658988	6		0.39	17.9	0.040	0.07	2.5	1.2	54	0.003	57.5	0.04	<0.02	0.04	1.9	0.004	<0.1	0.4	12	44.3
82N02	2005	2106	11	515132	5662636	6		3.22	32.5	0.049	0.07	3.4	1.0	87	0.003	26.6	0.02	<0.02	0.07	3.9	0.002	<0.1	1.1	17	88.9
82N02	2005	2107	11	513996	5663611	6		0.72	29.9	0.050	0.06	2.5	0.8	48	0.002	33.4	0.04	<0.02	0.03	3.1	0.002	<0.1	0.6	12	62.5
82N02	2005	2108	11	512649	5664824	6		0.67	15.2	0.032	0.07	1.7	0.5	41	0.001	15.6	0.03	<0.02	0.03	3.1	0.002	<0.1	0.5	6	32.2
82N13	2005	2109	11	439957	5745548	6	10	0.31	31.7	0.125	0.55	1.9	0.3	26	0.025	21.2	<0.01	0.02	0.25	8.1	0.110	0.2	2.7	24	30.9
82N13	2005	2110	11	439957	5745548	6	20	0.26	29.2	0.132	0.40	1.7	0.2	26	0.022	19.1	<0.01	0.03	0.21	7.3	0.090	0.3	2.2	22	28.3
82N13	2005	2111	11	442235	5743094	6		0.91	23.9	0.146	0.53	1.9	0.2	30	0.032	15.7	0.14	0.03	0.22	4.4	0.124	0.2	2.2	23	31.8
82N13	2005	2112	11	443860	5741847	6		0.42	8.9	0.176	0.20	1.7	0.1	19	0.027	20.2	0.03	0.02	0.07	2.7	0.065	<0.1	1.0	50	15.2
82N13	2005	2113	11	448636	5738380	6		0.24	8.9	0.198	0.30	1.8	0.1	23	0.035	20.9	0.02	<0.02	0.14	4.7	0.085	0.3	1.2	44	22.6
82N13	2005	2114	11	451647	5734390	6		0.34	19.5	0.070	0.38	2.0	0.3	28	0.023	14.3	0.04	0.02	0.23	6.2	0.106	0.4	1.2	24	37.1
82N13	2005	2116	11	451679	5733585	6		0.56	16.9	0.086	0.64	2.7	0.3	29	0.034	22.6	0.03	0.02	0.26	4.7	0.144	0.4	1.1	31	40.2
82N12	2005	2117	11	452132	5732397	6		0.86	39.3	0.980	0.53	3.0	1.8	59	0.015	38.0	0.07	0.03	0.33	7.0	0.134	1.2	3.2	31	62.5
82N12	2005	2118	11	455147	5728226	6		0.51	27.6	0.068	0.87	3.6	0.4	32	0.028	20.4	0.07	0.04	0.39	7.7	0.164	0.3	1.4	38	41.1
82N12	2005	2119	11	456872	5727558	6		0.35	24.8	0.063	0.47	2.3	0.4	25	0.021	20.1	0.05	0.02	0.23	5.4	0.113	0.4	1.2	26	29.8
82N12	2005	2120	11	458577	5725931	6		0.42	27.6	0.066	0.47	2.3	0.5	30	0.017	21.0	0.07	0.02	0.24	6.1	0.096	0.3	1.5	24	36.8
82N12	2005	2122	11	460989	5723304	6		0.36	24.0	0.063	0.27	1.9	0.7	32	0.013	19.0	0.05	0.03	0.19	5.6	0.075	0.7	1.7	20	41.9
82N12	2005	2123	11	462180	5722227	6		0.33	14.2	0.066	0.20	1.3	0.3	21	0.008	8.2	0.05	0.05	0.12	6.1	0.056	0.2	1.1	14	30.5
82N12	2005	2124	11	463860	5718791	6	10	0.36	22.6	0.058	0.17	1.3	0.2	58	0.008	12.0	0.03	0.02	0.12	6.9	0.048	<0.1	1.5	14	35.9
82N12	2005	2125	11	463860	5718791	6	20	0.33	24.5	0.059	0.17	1.3	0.3	30	0.008	12.2	0.05	0.02	0.12	7.2	0.049	<0.1	1.4	14	39.1
82N12	2005	2126	11	465338	5716964	6		0.31	31.3	0.056	0.11	1.4	0.4	28	0.009	16.7	0.05	0.03	0.10	6.2	0.041	0.1	1.6	13	41.2
82N11	2005	2127	11	466176	5715386	6		0.34	22.2	0.054	0.10	1.2	0.4	24	0.006	12.8	0.04	0.03	0.08	6.6	0.036	<0.1	1.3	11	39.3
82N11	2005	2128	11	466882	5712605	6		0.26	29.5	0.059	0.03	1.1	0.4	35	0.002	23.1	0.07	0.02	0.03	7.5	0.012	<0.1	1.1	9	42.9
82N11	2005	2129	11	469116	5710386	6		0.39	28.0	0.062	0.04	1.5	0.9	86	0.005	52.8	0.08	<0.02	0.03	4.2	0.012	<0.1	1.2	9	52.7
82N14	2005	2130	11	469402	5734954	6		0.80	25.1	0.049	0.01	2.1	0.1	40	0.002	174.8	0.04	0.02	<0.02	7.2	0.002	0.3	0.5	5	40.8
82N02	2005	2131	11	508392	5674057	6		1.69	12.3	0.047	0.03	2.3	0.1	14	0.005	133.3	0.09	<0.02	0.06	2.2	0.001	<0.1	0.4	6	29.3
82N11	2005	2132	11	465887	5732205	6		0.99	22.7	0.048	0.01	2.5	0.2	32	0.001	285.5	0.08	0.02	<0.02	7.8	0.001	<0.1	0.5	5	38.4
82N06	2005	2133	11	484170	5702647	6		0.54	32.4	0.074	0.06	2.3	1.0	53	0.003	38.7	0.09	0.02	0.05	6.4	0.004	<0.1	2.4	9	63.2
82N06	2005	2135	11	477688	5704001	6		0.40	36.1	0.040	0.02	2.2	<0.1	46	0.001	44.7	0.09	<0.02	<0.02	10.6	0.001	<0.1	1.1	9	76.1
82N11	2005	2136	11	476742	5707308	6		0.42	13.1	0.054	0.04	0.9	0.6	26	0.006	298.0	0.04	0.03	0.04	2.9	0.009	<0.1	0.7	4	33.8
82N01	2005	2137	11	546059	5650572	6		0.65	21.6	0.077	0.04	4.7	1.3	39	0.005	77.7	0.12	<0.02	0.06	2.2	0.005	<0.1	0.5	14	56.6

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
82N01	2005	2138	11	544083	5652357	6		0.80	0.42	3.6	606.2	0.12	7	0.17	6.96	16.6	6.4	11.37	2.2	0.3	1.54	14.3	11.81	1.12	370	34
82N01	2005	2139	11	542779	5654086	6		0.95	0.30	2.8	311.8	0.10	9	0.14	4.91	16.2	5.0	12.31	2.5	0.3	1.41	14.3	9.84	0.98	380	49
82N02	2005	2140	11	500856	5677003	6		1.38	0.24	2.7	431.6	0.11	2	0.40	1.66	20.7	8.8	12.30	3.7	0.6	2.33	7.2	10.26	1.03	984	34
82N03	2005	2142	11	483602	5670056	6		0.98	0.49	9.4	14.5	0.22	<1	0.06	0.26	20.6	16.0	21.57	2.7	0.8	3.36	8.9	14.27	0.42	422	12
82N03	2005	2143	11	484291	5669249	6		0.98	0.74	32.6	16.5	0.35	1	0.09	0.25	19.4	16.0	31.68	2.6	1.7	3.44	14.6	18.97	0.45	460	14
82N03	2005	2144	11	484135	5671065	6		1.28	0.92	11.3	10.6	0.34	1	0.06	0.24	26.5	19.0	31.71	3.4	0.9	3.78	12.8	19.40	0.63	448	10
82N03	2005	2145	11	485690	5670286	6		1.64	0.60	7.6	14.2	0.26	1	0.07	0.50	48.4	16.0	29.44	4.6	0.8	3.57	10.1	17.32	0.80	405	28
82N03	2005	2146	11	486756	5665804	6		1.01	2.39	24.9	61.7	0.46	2	0.08	0.60	22.4	20.7	40.76	3.0	2.5	3.26	4.3	20.27	0.47	809	27
82N03	2005	2147	11	484854	5664613	6		1.58	0.55	22.0	20.7	0.46	2	0.23	0.51	31.9	19.8	52.90	4.4	2.3	4.08	13.8	33.85	0.69	738	29
82N03	2005	2148	11	484932	5662845	6		0.73	0.69	37.0	19.6	0.40	3	0.20	0.83	23.3	18.9	44.51	2.1	9.0	3.69	6.8	26.16	0.41	665	46
82N03	2005	2149	11	491096	5667370	6		1.78	0.29	10.1	52.0	0.16	1	0.07	0.30	90.0	15.5	22.31	5.2	1.2	3.39	12.9	12.84	0.89	550	19
82N03	2005	2150	11	490150	5668975	6		1.85	0.66	14.8	44.1	0.26	3	0.12	0.35	83.8	21.5	41.39	5.3	17.2	4.01	14.6	19.76	0.99	686	20
82N03	2005	2151	11	493403	5666346	6		1.58	1.03	19.0	76.6	0.20	1	0.07	0.42	75.7	17.6	30.06	4.5	1.9	3.53	14.7	14.59	0.81	706	26
82N03	2005	2152	11	499137	5664712	6		0.84	0.45	5.7	59.7	0.14	5	0.14	1.58	33.0	11.8	21.05	2.4	0.7	2.60	6.3	10.12	0.55	979	54
82N03	2005	2153	11	496468	5666227	6	10	1.30	0.40	7.4	23.9	0.20	2	0.10	0.29	38.4	18.6	25.19	3.5	0.8	3.66	14.8	13.81	0.80	413	17
82N03	2005	2154	11	496468	5666227	6	20	1.34	0.42	7.6	24.5	0.22	<1	0.11	0.29	39.4	17.8	24.79	3.6	0.7	3.63	14.6	13.55	0.80	409	18
82N03	2005	2155	11	493143	5667720	6		1.32	1.52	23.2	61.5	0.31	<1	0.06	0.31	69.7	22.3	35.67	4.2	4.5	3.76	16.7	17.14	0.78	724	14
82N03	2005	2157	11	492302	5668135	6		1.96	1.12	18.0	72.5	0.30	2	0.11	0.69	83.0	20.3	42.23	5.5	3.4	4.20	13.4	19.60	0.94	1063	29
82N03	2005	2158	11	499936	5662657	6		1.89	1.15	21.5	89.2	0.37	2	0.12	0.61	41.0	19.6	57.13	4.7	82.8	3.54	8.6	26.91	0.86	638	41
82N03	2005	2159	11	498557	5662973	6		1.94	0.43	12.3	33.5	0.30	1	0.06	0.30	47.4	21.0	36.45	5.4	0.8	4.46	10.4	20.49	0.97	550	19
82N03	2005	2160	11	497144	5663340	6		1.87	0.54	10.8	16.3	0.32	1	0.05	0.36	43.3	21.9	42.02	5.1	0.4	4.51	10.2	21.20	0.93	504	23
82N07	2005	2162	11	519178	5677733	6		0.45	0.28	4.3	199.0	0.07	2	0.07	11.37	8.5	6.4	8.90	1.2	<0.2	1.51	9.1	11.27	2.07	302	31
82N02	2005	2163	11	521545	5677032	6		0.77	0.40	4.4	319.8	0.12	3	0.15	10.93	12.9	8.4	12.26	2.1	0.4	1.90	13.6	11.46	1.55	328	21
82N02	2005	2164	11	534787	5662002	6		0.97	0.26	3.8	614.1	0.14	4	0.14	6.01	17.4	8.6	12.14	2.7	0.4	2.00	9.6	12.89	2.25	414	23
82N02	2005	2165	11	533618	5663007	6		1.36	0.12	2.2	119.0	0.21	7	0.09	4.51	21.6	9.5	13.53	3.8	<0.2	2.29	8.1	13.12	1.17	436	17
82N02	2005	2167	11	532907	5663610	6		0.66	0.20	5.4	210.1	0.13	4	0.09	10.62	13.8	6.7	9.32	2.0	0.4	1.45	9.3	13.13	4.34	371	24
82N02	2005	2168	11	532139	5664446	6		0.57	0.25	5.1	361.3	0.09	3	0.06	5.51	11.3	6.0	9.78	1.6	0.3	1.39	12.4	10.05	1.79	263	20
82N02	2005	2169	11	531400	5665722	6	10	0.97	0.15	3.3	179.3	0.13	4	0.06	6.70	16.8	9.4	11.43	2.6	0.4	2.16	10.8	11.56	1.08	338	14
82N02	2005	2170	11	531400	5665722	6	20	0.99	0.14	3.2	168.1	0.12	3	0.06	6.74	17.5	9.0	11.17	2.7	0.5	2.16	10.4	10.98	1.10	343	7
82N02	2005	2171	11	531052	5666908	6		1.11	0.06	1.6	79.6	0.15	3	0.04	12.40	17.9	9.6	11.94	2.9	0.4	2.14	4.8	10.64	1.21	426	15
82N02	2005	2172	11	530148	5669210	6		1.00	0.11	3.0	80.9	0.14	1	0.04	12.61	18.8	9.6	11.50	2.9	<0.2	2.24	7.5	10.08	1.94	382	11
82N02	2005	2173	11	526572	5672853	6		1.39	0.02	0.7	81.3	0.13	2	0.02	3.59	22.7	10.7	10.77	3.6	<0.2	2.45	14.1	9.69	1.06	283	15
82N02	2005	2174	11	526015	5673063	6		1.34	0.06	4.0	64.3	0.12	4	0.03	11.99	22.5	10.1	11.59	3.9	0.2	2.33	16.7	10.63	1.82	370	8
82N02	2005	2175	11	507529	5676185	6		0.48	0.25	4.2	368.0	0.08	2	0.06	11.90	10.6	6.0	8.99	1.3	0.2	1.32	9.4	8.15	2.39	369	107
82N07	2005	2176	11	516507	5679091	6		0.54	0.21	3.8	122.7	0.10	1	0.04	16.84	10.7	7.7	10.27	1.5	<0.2	2.11	7.1	9.57	2.07	378	29
82N06	2005	2177	11	495169	5685548	6		1.16	0.21	3.7	193.4	0.12	1	0.07	0.52	20.3	10.4	9.79	3.3	0.5	2.12	11.2	13.17	0.35	651	24
82N06	2005	2178	11	495298	5683377	6		0.48	0.18	3.0	58.4	0.10	3	0.05	0.40	10.4	6.7	7.31	1.8	0.2	1.47	10.3	7.38	0.17	720	13
82N06	2005	2179	11	494573	5686285	6		0.84	0.50	5.5	141.0	0.14	4	0.17	0.63	20.7	11.4	13.29	2.4	0.5	2.08	15.4	11.72	0.43	716	21
82N06	2005	2180	11	493740	5688228	6		1.11	0.29	3.3	134.6	0.13	2	0.19	0.95	21.1	9.7	13.83	3.2	0.5	2.07	7.4	10.27	0.63	496	19
82N04	2005	2182	11	433139	5654069	6	10	0.93	0.24	3.8	66.3	0.33	<1	1.71	1.16	22.5	12.6	46.89	2.8	0.3	2.43	15.4	14.62	0.98	343	14

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
82N01	2005	2138	11	544083	5652357	6		3.21	22.0	0.089	0.06	2.7	1.6	41	0.004	118.8	0.08	0.03	0.14	2.0	0.004	<0.1	0.8	14	51.6
82N01	2005	2139	11	542779	5654086	6		1.25	14.4	0.085	0.05	2.8	1.7	35	0.005	95.9	0.09	0.02	0.07	1.7	0.007	<0.1	1.6	8	36.0
82N02	2005	2140	11	500856	5677003	6		1.15	23.0	0.045	0.05	3.1	0.7	68	0.005	60.9	0.07	<0.02	0.08	2.5	0.006	<0.1	0.6	14	58.6
82N03	2005	2142	11	483602	5670056	6		0.52	35.7	0.033	0.02	1.6	0.4	37	0.001	23.3	0.01	0.03	<0.02	5.8	0.002	<0.1	0.9	7	60.3
82N03	2005	2143	11	484291	5669249	6		0.52	40.6	0.062	0.02	1.8	0.5	71	0.002	18.9	0.03	0.05	0.02	7.3	0.004	<0.1	3.5	8	72.2
82N03	2005	2144	11	484135	5671065	6		0.43	42.6	0.056	0.02	2.0	0.4	58	0.001	24.2	0.04	0.05	<0.02	7.4	0.003	<0.1	1.3	10	65.3
82N03	2005	2145	11	485690	5670286	6		0.65	46.5	0.069	0.03	2.0	2.3	75	0.003	51.6	0.03	0.03	<0.02	5.5	0.004	0.1	2.2	13	65.0
82N03	2005	2146	11	486756	5665804	6		0.35	53.9	0.058	0.01	2.1	0.5	99	0.002	29.6	0.06	0.06	0.02	7.2	0.003	<0.1	4.9	8	84.2
82N03	2005	2147	11	484854	5664613	6		0.53	58.7	0.094	0.02	2.0	1.7	148	0.003	27.5	0.07	0.05	0.02	6.6	0.011	0.2	4.2	12	108.3
82N03	2005	2148	11	484932	5662845	6		1.09	55.0	0.076	0.03	1.7	3.7	215	0.003	46.5	0.25	0.06	0.03	4.7	0.004	0.7	6.5	6	80.7
82N03	2005	2149	11	491096	5667370	6		0.71	60.4	0.049	0.02	2.3	0.7	47	0.003	30.7	0.02	<0.02	0.02	5.7	0.007	<0.1	4.8	26	105.8
82N03	2005	2150	11	490150	5668975	6		0.66	69.1	0.091	0.03	2.9	1.7	60	0.004	34.2	0.04	0.04	0.02	6.8	0.005	<0.1	5.4	23	77.2
82N03	2005	2151	11	493403	5666346	6		0.64	61.3	0.074	0.04	3.2	1.4	78	0.004	40.5	0.01	0.03	0.02	6.1	0.005	<0.1	2.7	25	137.6
82N03	2005	2152	11	499137	5664712	6		0.61	34.7	0.067	0.03	1.5	3.2	67	0.005	124.3	0.11	0.02	0.02	1.7	0.005	<0.1	1.3	11	42.5
82N03	2005	2153	11	496468	5666227	6	10	1.14	46.9	0.055	0.02	2.0	0.3	44	0.001	19.8	0.01	<0.02	0.04	6.0	0.003	<0.1	0.6	13	71.2
82N03	2005	2154	11	496468	5666227	6	20	1.17	47.8	0.056	0.03	2.1	0.3	41	0.001	19.7	0.02	<0.02	0.04	6.3	0.003	<0.1	0.6	14	71.5
82N03	2005	2155	11	493143	5667720	6		0.55	69.4	0.085	0.03	3.3	0.9	51	0.003	31.6	0.03	0.02	0.02	9.3	0.003	<0.1	1.5	24	62.2
82N03	2005	2157	11	492302	5668135	6		0.98	70.8	0.085	0.04	3.6	1.7	128	0.004	54.6	0.04	0.02	0.03	6.1	0.009	<0.1	7.3	26	72.1
82N03	2005	2158	11	499936	5662657	6		0.77	48.8	0.072	0.05	2.3	1.9	105	0.004	57.6	0.05	0.04	0.03	7.8	0.004	0.1	8.5	15	80.3
82N03	2005	2159	11	498557	5662973	6		0.52	55.9	0.067	0.02	2.1	0.7	60	0.002	29.8	0.02	0.03	<0.02	7.0	0.003	<0.1	2.7	16	98.0
82N03	2005	2160	11	497144	5663340	6		0.41	58.9	0.061	0.01	2.3	0.4	74	0.002	30.0	0.01	0.02	<0.02	8.0	0.003	<0.1	1.8	14	90.1
82N07	2005	2162	11	519178	5677733	6		2.93	18.0	0.086	0.04	2.7	0.3	24	0.003	156.6	0.09	<0.02	0.08	3.4	0.001	<0.1	0.7	6	36.0
82N02	2005	2163	11	521545	5677032	6		4.92	23.6	0.101	0.06	2.5	0.2	31	0.003	177.8	0.05	<0.02	0.11	4.2	0.003	<0.1	1.0	15	53.8
82N02	2005	2164	11	534787	5662002	6		2.40	20.6	0.082	0.06	2.9	0.3	23	0.004	95.0	0.01	<0.02	0.10	3.9	0.003	<0.1	0.5	14	63.4
82N02	2005	2165	11	533618	5663007	6		0.53	19.4	0.086	0.04	2.8	0.9	24	0.003	115.7	0.04	<0.02	0.09	3.4	0.004	<0.1	0.3	10	55.9
82N02	2005	2167	11	532907	5663610	6		1.25	15.9	0.075	0.05	2.2	0.5	27	0.007	91.3	0.04	<0.02	0.09	2.6	0.003	<0.1	0.4	9	36.9
82N02	2005	2168	11	532139	5664446	6		2.74	19.6	0.064	0.07	2.5	0.1	26	0.003	88.2	0.07	<0.02	0.13	3.3	0.002	<0.1	0.5	10	27.7
82N02	2005	2169	11	531400	5665722	6	10	1.34	21.0	0.078	0.05	3.4	0.3	15	0.003	123.6	0.01	<0.02	0.07	3.9	0.002	<0.1	0.4	11	49.0
82N02	2005	2170	11	531400	5665722	6	20	1.22	20.5	0.078	0.05	3.4	0.2	16	0.003	127.1	0.02	<0.02	0.06	3.9	0.002	<0.1	0.3	11	47.8
82N02	2005	2171	11	531052	5666908	6		0.17	19.2	0.072	0.03	2.9	0.2	12	0.005	203.2	<0.01	<0.02	0.02	5.1	0.003	<0.1	0.3	8	56.2
82N02	2005	2172	11	530148	5669210	6		0.48	18.1	0.081	0.03	3.6	0.1	10	0.003	246.1	<0.01	<0.02	0.02	5.2	0.002	<0.1	0.3	9	44.1
82N02	2005	2173	11	526572	5672853	6		0.09	21.4	0.085	0.04	2.2	0.3	14	0.003	114.2	0.02	<0.02	0.02	7.7	0.003	<0.1	0.3	8	51.1
82N02	2005	2174	11	526015	5673063	6		0.39	18.0	0.112	0.06	3.5	<0.1	12	0.006	196.1	0.11	<0.02	0.03	6.8	0.002	1.7	0.3	10	45.6
82N02	2005	2175	11	507529	5676185	6		1.08	14.4	0.055	0.06	1.9	0.1	20	0.005	183.5	0.01	<0.02	0.05	3.2	0.006	<0.1	0.4	9	27.7
82N07	2005	2176	11	516507	5679091	6		1.32	17.2	0.080	0.02	3.4	0.2	18	0.002	238.2	0.04	<0.02	0.04	4.5	0.001	<0.1	0.5	7	36.2
82N06	2005	2177	11	495169	5685548	6		0.43	18.8	0.080	0.07	2.3	0.7	38	0.003	22.2	0.02	<0.02	0.05	3.0	0.007	<0.1	1.1	12	40.6
82N06	2005	2178	11	495298	5683377	6		0.36	9.5	0.068	0.07	1.1	0.8	24	0.002	16.6	0.03	<0.02	0.03	2.3	0.004	<0.1	0.9	8	25.7
82N06	2005	2179	11	494573	5686285	6		1.23	22.7	0.096	0.09	2.1	1.5	46	0.002	29.9	0.05	<0.02	0.05	4.7	0.004	<0.1	1.2	9	46.8
82N06	2005	2180	11	493740	5688228	6		0.82	19.2	0.049	0.05	2.4	0.9	52	0.002	49.0	0.05	<0.02	0.04	3.4	0.004	<0.1	0.7	12	51.3
82N04	2005	2182	11	433139	5654069	6	10	8.22	51.6	0.137	0.10	1.8	1.3	224	0.009	39.8	0.01	0.04	0.12	5.6	0.045	0.4	2.3	29	229.3

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
82N04	2005	2183	11	433139	5654069	6	20	0.91	0.24	4.0	62.9	0.44	1	1.56	1.14	22.0	12.5	45.23	2.7	0.3	2.45	14.3	14.55	0.96	337	7
82N04	2005	2184	11	449270	5673254	6		0.20	3.35	32.9	225.6	0.30	1	4.85	4.88	2.9	11.3	111.74	0.5	1.5	2.87	5.8	199.66	0.61	281	31
82N04	2005	2185	11	447922	5672541	6		0.33	0.40	13.8	83.6	0.29	1	1.94	7.30	5.9	14.6	55.72	0.9	2.2	2.57	6.4	36.61	1.05	377	9
82N04	2005	2186	11	442567	5672504	6		1.01	0.14	7.4	23.1	0.19	2	0.13	0.36	20.0	13.2	25.27	2.8	0.7	2.39	11.8	16.19	0.48	782	14
82N04	2005	2187	11	442191	5671682	6		1.03	0.13	6.5	46.8	0.18	1	0.44	0.40	23.2	14.0	36.50	2.8	1.0	2.49	15.1	11.92	0.63	545	11
82N04	2005	2188	11	438720	5665553	6		0.50	0.34	17.9	62.2	0.40	3	2.18	6.54	9.1	13.8	59.83	1.3	0.8	2.73	17.2	13.75	1.25	387	9
82N04	2005	2189	11	435261	5652356	6		1.54	0.05	2.5	119.0	0.97	2	0.28	1.33	40.1	13.7	41.85	5.0	0.8	2.67	12.3	8.01	1.18	421	8
82N04	2005	2190	11	435260	5652652	6		1.48	0.07	3.1	103.4	0.77	3	0.20	0.66	34.1	11.6	31.05	5.1	0.9	2.47	14.8	5.84	0.75	417	22
82N04	2005	2191	11	435221	5657165	6		2.04	0.05	1.2	170.5	3.17	2	0.22	0.61	28.8	12.6	29.06	6.2	0.3	2.65	8.5	6.32	1.24	720	8

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
82N04	2005	2183	11	433139	5654069	6	20	8.11	50.5	0.136	0.11	1.8	1.1	214	0.009	40.0	0.03	0.03	0.12	5.5	0.045	0.3	2.2	28	221.1
82N04	2005	2184	11	449270	5673254	6		17.08	47.5	0.154	0.02	0.9	2.9	1747	0.002	198.1	0.22	0.06	0.06	5.1	0.002	0.2	3.0	8	444.9
82N04	2005	2185	11	447922	5672541	6		6.18	39.5	0.095	0.01	1.3	1.1	394	0.002	255.7	0.07	0.06	<0.02	5.2	0.001	0.2	1.7	5	178.8
82N04	2005	2186	11	442567	5672504	6		0.68	30.7	0.074	0.03	1.0	1.0	101	0.002	31.1	0.01	<0.02	0.02	7.0	0.004	<0.1	3.3	8	55.4
82N04	2005	2187	11	442191	5671682	6		1.47	40.3	0.090	0.04	1.2	1.1	239	0.008	27.6	0.02	0.03	0.03	5.6	0.013	<0.1	1.2	14	77.2
82N04	2005	2188	11	438720	5665553	6		7.16	45.1	0.150	0.05	1.5	2.1	467	0.008	205.6	0.04	0.05	0.07	5.3	0.012	0.4	2.3	12	194.3
82N04	2005	2189	11	435261	5652356	6		1.08	31.8	0.133	0.27	2.8	0.6	89	0.046	48.8	0.02	0.03	0.20	4.7	0.106	1.3	1.3	45	62.1
82N04	2005	2190	11	435260	5652652	6		2.07	18.8	0.078	0.48	2.2	1.8	70	0.012	30.4	0.08	0.04	0.38	4.5	0.133	1.5	14.4	44	68.6
82N04	2005	2191	11	435221	5657165	6		0.81	7.1	0.063	0.61	4.2	0.4	57	0.033	33.4	<0.01	0.02	0.42	3.3	0.197	6.0	5.1	70	83.3

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
82N07	2005	1002	11	514182	5693621	6		0.4	4.1	430	1.6	4	140	5	98	22	1.9	<4	4	4.67	70.2	0.37	<3	59	130
82N07	2005	1003	11	513966	5693635	6		0.5	5.1	440	0.6	2	130	4	110	22	1.9	<2	4	5.23	68.8	0.37	<2	57	120
82N07	2005	1004	11	513079	5691822	6		0.2	3.0	340	4.1	9	96	3	64	13	1.3	<2	4	3.04	48.0	0.27	<3	36	97
82N07	2005	1005	11	514449	5688709	6		0.2	3.8	430	28.0	5	130	6	92	21	1.9	<2	4	4.23	68.1	0.37	<3	54	110
82N07	2005	1006	11	515738	5686540	6		0.4	3.1	470	16.0	5	140	7	100	20	1.9	<4	5	4.17	71.4	0.43	<4	56	110
82N07	2005	1007	11	513724	5688966	6		<0.1	2.7	430	5.8	3	120	3	80	15	1.4	<2	5	3.25	59.5	0.33	<2	50	110
82N07	2005	1008	11	514091	5687072	6		<0.1	1.6	470	12.0	<1	100	3	69	12	1.1	<2	5	3.12	49.0	0.33	<2	43	100
82N14	2005	1009	11	474021	5756176	6		0.1	3.7	170	1.2	17	46	<1	29	6	0.6	<2	3	1.40	22.0	0.15	<1	20	44
82N14	2005	1010	11	474411	5754305	1		0.5	5.2	250	2.6	11	60	2	51	10	0.9	<2	3	2.00	31.0	0.21	<2	24	78
82N14	2005	1011	11	474987	5752265	6		1.9	10.0	170	3.5	15	51	3	60	11	0.5	<2	2	2.34	27.0	0.15	<2	19	77
82N14	2005	1012	11	479356	5748299	6		<0.1	0.6	190	16.0	21	22	<1	17	4	0.3	<2	<1	0.85	11.0	0.08	<1	11	35
82N14	2005	1013	11	477295	5747286	6	10	0.3	2.8	150	1.2	17	47	2	38	8	0.5	<2	2	1.82	24.0	0.17	<1	21	62
82N14	2005	1014	11	477295	5747286	6	20	0.2	2.4	150	1.3	16	47	2	39	8	0.6	<2	2	1.88	24.0	0.16	<1	21	60
82N14	2005	1016	11	476987	5749827	6		0.2	6.4	380	33.0	13	33	2	30	12	0.4	<2	1	5.20	17.0	0.13	2	13	40
82N14	2005	1017	11	479726	5744279	6		0.8	4.6	200	10.0	13	56	3	51	11	0.6	<2	3	2.45	29.0	0.19	<2	25	63
82N10	2005	1018	11	517026	5721073	6		0.2	5.6	160	2.2	16	49	1	85	9	0.7	<2	2	1.95	25.0	0.14	<1	21	37
82N10	2005	1019	11	517543	5722498	6		0.2	5.1	200	2.1	15	50	1	47	8	0.5	<2	3	1.90	25.0	0.15	<1	21	63
82N10	2005	1020	11	517728	5717988	6		<0.1	3.7	370	15.0	5	82	6	84	16	0.7	<2	4	3.10	43.0	0.34	<3	37	100
82N10	2005	1022	11	515165	5714361	6		<0.1	4.2	180	2.4	15	56	2	46	9	0.7	<2	2	2.26	29.0	0.17	<2	26	57
82N10	2005	1023	11	509842	5712191	1		0.6	8.8	340	2.2	10	200	3	69	14	1.3	<4	3	2.70	131.0	0.28	<4	67	85
82N14	2005	1024	11	495766	5743024	6	10	0.4	12.0	330	11.0	3	110	6	110	15	1.2	<2	5	3.27	57.5	0.33	<3	45	100
82N14	2005	1025	11	495766	5743024	6	20	0.6	13.0	380	15.0	3	110	6	110	16	1.0	<2	4	3.15	56.9	0.30	<3	39	110
82N14	2005	1026	11	495422	5742849	6		0.2	4.9	350	0.8	8	95	4	98	18	1.0	<2	4	4.06	49.0	0.31	<1	41	110
82N14	2005	1027	11	494824	5745931	6		0.2	5.0	250	0.9	8	73	5	77	17	0.6	<2	4	3.00	38.0	0.24	<3	34	95
82N14	2005	1028	11	492597	5741947	6		0.2	2.9	480	4.9	7	81	5	83	14	0.8	<2	4	3.06	42.0	0.30	<3	35	110
82N14	2005	1029	11	492300	5740431	6		<0.1	2.9	150	2.1	19	41	1	71	8	0.4	<2	1	1.33	21.0	0.10	<1	17	35
82N14	2005	1030	11	491694	5738384	1		0.1	4.8	<50	5.0	19	5	<1	12	2	<0.2	<2	<1	0.53	2.3	<0.05	<1	<5	<15
82N14	2005	1031	11	489685	5737312	6		0.2	3.0	260	2.4	11	69	2	53	9	1.0	<2	5	1.88	33.0	0.26	<2	28	59
82N14	2005	1032	11	487076	5738089	6		0.6	5.7	240	1.4	12	44	2	38	7	0.6	<2	3	1.70	24.0	0.20	<2	19	54
82N14	2005	1033	11	485767	5739095	1		3.5	7.5	130	7.8	10	44	2	37	8	0.6	<2	4	1.73	23.0	0.17	<1	20	45
82N14	2005	1034	11	484470	5740636	6		0.5	4.2	110	2.2	18	26	<1	28	6	0.4	<2	1	1.58	14.0	0.09	<1	12	30
82N14	2005	1035	11	479673	5740250	1		0.4	5.9	200	1.7	10	78	2	60	11	1.0	<2	4	2.56	39.0	0.25	<2	31	82
82N14	2005	1036	11	481452	5741994	1		0.3	1.6	120	1.7	19	31	<1	27	6	0.5	<2	1	1.47	16.0	0.11	<1	15	30
82N10	2005	1037	11	524376	5722758	6		0.2	2.4	58	7.8	16	21	<1	21	4	0.4	<2	1	1.25	11.0	0.07	<1	10	19
82N10	2005	1039	11	521185	5725029	6		<0.1	0.9	350	38.0	8	50	3	41	8	0.4	<2	3	2.30	26.0	0.19	<3	23	64
82N10	2005	1040	11	519560	5723252	6		0.4	3.6	69	8.3	13	36	<1	29	6	0.3	<2	2	1.49	18.0	0.12	<1	15	24
82N10	2005	1042	11	520931	5729591	6		0.2	3.8	230	58.7	8	51	3	45	8	0.6	<2	3	2.25	26.0	0.20	<3	21	50
82N10	2005	1043	11	521208	5729830	6		0.2	2.5	160	3.8	13	57	2	45	9	0.8	<2	2	2.30	29.0	0.21	<2	24	69
82N10	2005	1044	11	519896	5729732	6		0.3	4.6	150	2.5	14	53	1	38	7	0.6	<2	4	1.66	26.0	0.16	<2	25	46
82N12	2005	1045	11	438767	5719180	6		<0.1	1.1	610	1.6	<1	110	5	71	8	1.4	<2	11	2.69	50.9	0.68	<3	41	84

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
82N07	2005	1002	11	514182	5693621	6		10.4	13.7	1.42	<0.5	1.1	23.4	2	3.0	2.4	92	12.00	660	10.22	0.11	320.0	8.08
82N07	2005	1003	11	513966	5693635	6		10.0	14.2	1.39	<0.5	1.1	22.6	2	3.1	2.4	91	14.48	705	7.29	0.05	320.0	8.17
82N07	2005	1004	11	513079	5691822	6		6.4	8.8	0.83	1.2	<0.5	14.0	2	1.8	1.7	54	13.16	795	18.06	0.05	310.0	8.02
82N07	2005	1005	11	514449	5688709	6		10.0	13.0	1.32	1.9	0.8	29.6	3	2.2	2.3	60	11.79	825	15.60	0.10	359.0	8.21
82N07	2005	1006	11	515738	5686540	6		10.0	14.0	1.42	1.2	1.0	33.6	3	2.9	2.5	100	9.85	900	14.77	0.04	354.0	8.09
82N07	2005	1007	11	513724	5688966	6		7.7	10.7	0.95	1.2	0.8	16.0	2	1.8	2.0	<50	10.65	765	10.71	0.03	398.0	8.15
82N07	2005	1008	11	514091	5687072	6		6.8	10.2	1.13	1.5	0.7	15.0	<1	2.2	2.1	63	10.79	795	10.76	0.03	252.0	8.20
82N14	2005	1009	11	474021	5756176	6		3.2	4.3	0.30	<0.5	<0.5	6.0	<1	1.5	0.9	<50	19.61	615	26.95	0.05	252.0	7.80
82N14	2005	1010	11	474411	5754305	1		3.8	7.0	0.23	0.7	<0.5	10.0	<1	2.5	1.2	<50	14.55	1395	22.30	ns	ns	ns
82N14	2005	1011	11	474987	5752265	6		2.9	7.5	0.26	<0.5	<0.5	8.8	<1	1.7	0.9	<50	13.37	1245	27.16	0.11	233.0	7.86
82N14	2005	1012	11	479356	5748299	6		1.4	2.6	0.22	<0.5	<0.5	3.2	<1	0.7	0.5	<50	7.01	435	39.68	0.05	485.0	8.16
82N14	2005	1013	11	477295	5747286	6	10	3.1	5.6	0.30	0.5	<0.5	7.3	<1	1.4	1.1	<50	18.18	870	28.82	0.04	189.0	7.95
82N14	2005	1014	11	477295	5747286	6	20	3.1	5.7	0.30	<0.5	<0.5	7.5	<1	1.4	1.0	<50	18.89	900	28.50	0.04	189.0	8.11
82N14	2005	1016	11	476987	5749827	6		2.1	4.0	0.13	<0.5	<0.5	5.7	1	1.3	0.7	<50	8.81	1275	35.44	0.08	398.0	8.33
82N14	2005	1017	11	479726	5744279	6		3.6	6.9	0.26	0.7	<0.5	8.8	1	2.4	1.2	<50	11.83	1080	27.57	0.08	407.0	8.21
82N10	2005	1018	11	517026	5721073	6		3.2	5.4	0.22	<0.5	<0.5	6.6	<1	1.4	0.8	<50	21.87	675	29.22	0.04	155.0	7.84
82N10	2005	1019	11	517543	5722498	6		3.4	5.9	0.25	<0.5	<0.5	7.5	<1	1.5	0.9	<50	19.66	795	24.08	0.03	233.0	8.07
82N10	2005	1020	11	517728	5717988	6		5.6	11.2	0.55	<0.5	0.7	15.0	2	3.3	1.9	<50	10.29	1395	18.22	0.20	592.0	7.97
82N10	2005	1022	11	515165	5714361	6		3.7	6.4	0.41	<0.5	0.6	7.9	<1	1.3	1.2	<50	16.43	570	26.34	0.04	238.0	7.81
82N10	2005	1023	11	509842	5712191	1		7.9	8.8	0.95	<0.5	1.1	20.0	3	1.9	1.9	<50	14.63	1020	22.47	ns	ns	ns
82N14	2005	1024	11	495766	5743024	6	10	6.2	11.4	0.44	2.4	<0.5	17.0	3	3.7	1.8	<50	10.00	990	15.92	0.11	257.0	8.15
82N14	2005	1025	11	495766	5743024	6	20	6.2	11.5	0.45	3.0	<0.5	17.0	4	3.3	1.9	<50	10.38	990	16.21	0.11	252.0	7.80
82N14	2005	1026	11	495422	5742849	6		6.5	12.0	0.68	1.3	0.6	14.0	<1	2.5	2.0	75	15.85	750	14.64	0.08	286.0	8.10
82N14	2005	1027	11	494824	5745931	6		4.6	9.4	0.39	0.7	<0.5	12.0	<1	1.7	1.4	<50	12.21	1050	15.45	0.02	286.0	8.31
82N14	2005	1028	11	492597	5741947	6		5.5	10.1	0.67	1.1	0.8	13.0	1	2.8	1.8	66	11.74	1200	17.77	0.05	228.0	8.05
82N14	2005	1029	11	492300	5740431	6		2.3	4.6	0.20	0.7	<0.5	5.3	<1	1.3	0.6	<50	19.33	570	34.08	0.23	354.0	8.00
82N14	2005	1030	11	491694	5738384	1		0.4	0.7	0.03	<0.5	<0.5	1.1	<1	<0.5	<0.2	<50	19.19	75	45.05	ns	ns	ns
82N14	2005	1031	11	489685	5737312	6		4.6	6.1	0.54	0.7	0.6	10.0	<1	2.4	1.5	<50	15.59	735	21.22	0.07	276.0	7.83
82N14	2005	1032	11	487076	5738089	6		3.4	5.5	0.16	<0.5	<0.5	5.1	<1	2.2	1.3	<50	17.66	660	23.68	0.07	306.0	7.99
82N14	2005	1033	11	485767	5739095	1		3.0	4.9	0.16	<0.5	<0.5	6.4	1	1.8	1.0	<50	14.53	765	28.49	ns	ns	ns
82N14	2005	1034	11	484470	5740636	6		1.9	3.7	0.12	<0.5	<0.5	4.2	<1	1.0	0.6	<50	22.88	360	36.17	0.10	252.0	8.04
82N14	2005	1035	11	479673	5740250	1		5.2	8.8	0.29	<0.5	0.7	12.0	<1	1.5	1.5	<50	12.30	510	20.32	ns	ns	ns
82N14	2005	1036	11	481452	5741994	1		2.2	3.9	0.20	<0.5	<0.5	4.6	<1	1.0	0.6	<50	21.66	480	34.37	ns	ns	ns
82N10	2005	1037	11	524376	5722758	6		1.5	2.8	0.07	<0.5	<0.5	3.3	<1	0.7	0.5	<50	17.38	750	40.14	0.03	199.0	7.85
82N10	2005	1039	11	521185	5725029	6		3.5	6.3	0.31	0.6	<0.5	8.0	<1	2.1	1.2	<50	9.15	1020	28.82	0.10	902.0	8.15
82N10	2005	1040	11	519560	5723252	6		2.2	4.0	0.08	<0.5	<0.5	5.3	<1	1.5	0.7	<50	15.73	375	34.40	0.03	335.0	8.36
82N10	2005	1042	11	520931	5729591	6		3.4	6.2	0.32	<0.5	0.6	7.7	<1	3.2	1.3	<50	11.36	675	29.04	0.05	393.0	8.18
82N10	2005	1043	11	521208	5729830	6		4.0	6.8	0.31	0.7	<0.5	8.0	<1	1.8	1.3	<50	19.02	450	27.21	0.13	435.0	8.00
82N10	2005	1044	11	519896	5729732	6		3.5	5.3	0.21	<0.5	<0.5	7.8	<1	1.8	1.0	<50	18.16	600	25.58	0.03	144.0	7.94
82N12	2005	1045	11	438767	5719180	6		8.2	11.4	0.63	1.4	1.2	14.0	<1	4.0	4.3	<50	15.64	450	2.98	0.03	70.5	7.12

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
82N12	2005	1046	11	440409	5719260	6		0.2	4.5	420	1.5	10	83	10	53	8	1.1	<2	13	2.15	41.0	0.45	<3	39	110
82N12	2005	1047	11	441898	5718804	6		<0.1	<0.5	490	1.3	<1	130	5	97	15	1.6	<2	5	2.94	64.6	0.32	<3	53	100
82N12	2005	1048	11	443342	5719196	6		<0.1	0.7	280	<0.5	6	74	8	47	6	1.0	<2	7	1.86	38.0	0.38	<3	32	55
82N12	2005	1049	11	443080	5719664	6		<0.1	2.0	330	<0.5	8	110	4	55	10	1.7	<2	14	2.38	53.4	0.51	<3	47	55
82N12	2005	1050	11	444775	5719861	6		0.4	4.6	610	2.2	2	120	17	80	22	2.2	<2	8	5.11	58.8	0.81	<4	57	150
82N10	2005	1051	11	508830	5711110	6		0.3	4.7	230	4.2	11	77	3	84	13	0.9	<2	3	3.04	42.0	0.22	<2	27	98
82N10	2005	1052	11	512571	5711566	6		<0.1	2.1	400	4.3	6	100	5	83	14	1.4	<2	4	3.73	53.0	0.29	<3	41	110
82N10	2005	1053	11	508929	5710648	1		0.2	1.8	560	<0.5	4	100	4	96	17	1.1	<2	5	4.77	52.2	0.34	<3	43	130
82N10	2005	1054	11	507169	5708295	6	10	<0.1	2.3	370	2.5	8	100	3	72	15	1.0	<2	4	3.44	50.9	0.31	<3	46	98
82N10	2005	1055	11	507169	5708295	6	20	0.3	2.6	360	2.3	8	99	3	77	15	1.3	<2	4	3.58	50.0	0.29	<2	43	100
82N10	2005	1056	11	505309	5709538	1		<0.1	2.3	390	2.4	4	110	5	92	18	1.2	<2	4	4.39	57.7	0.35	<3	51	110
82N10	2005	1058	11	504870	5708910	6		0.2	4.3	340	7.1	8	83	3	68	13	0.9	<2	4	3.14	41.0	0.26	<3	35	81
82N10	2005	1059	11	503539	5708390	6		<0.1	3.5	300	1.1	7	120	5	83	17	1.2	<2	4	3.99	59.0	0.31	<3	52	110
82N10	2005	1060	11	502286	5706850	6		0.3	2.7	410	<0.5	7	120	6	95	20	1.4	<4	4	4.30	64.9	0.37	<3	54	130
82N10	2005	1062	11	501609	5705939	6		0.2	3.7	270	1.0	11	89	4	78	15	0.9	<2	3	3.49	47.0	0.27	<2	40	99
82N07	2005	1063	11	501297	5702890	6		0.3	2.1	430	1.0	7	110	4	84	18	1.2	<2	3	4.23	56.0	0.31	<4	45	110
82N12	2005	1064	11	446717	5718493	6		0.2	1.8	500	3.9	1	110	9	64	13	1.4	<4	9	3.51	50.4	0.58	<4	53	110
82N12	2005	1065	11	450636	5724673	6		<0.1	<0.5	380	4.4	2	100	5	55	11	1.4	<2	9	3.15	48.0	0.73	<3	42	67
82N12	2005	1066	11	450715	5728923	6		<0.1	1.2	390	4.1	2	150	7	65	21	1.9	<5	9	4.89	69.5	0.94	<4	68	93
82N12	2005	1067	11	451101	5729342	6		0.3	<1.3	400	2.2	2	160	7	66	14	1.8	<4	10	3.96	78.1	1.00	<5	75	94
82N12	2005	1068	11	439344	5706840	6		<0.2	8.6	360	0.9	<1	140	3	96	18	1.9	<4	13	4.66	68.3	0.68	<4	61	80
82N12	2005	1069	11	439518	5706143	6		0.2	4.4	240	<0.5	<1	110	3	61	11	1.5	<2	10	3.01	55.1	0.56	<4	49	69
82N12	2005	1070	11	441823	5707967	6		0.7	0.9	180	<0.5	<1	240	<1	80	10	3.2	<2	33	7.02	115.0	0.91	<4	100	25
82N12	2005	1072	11	444090	5709907	6		0.3	<0.5	330	11.0	<1	97	4	67	5	1.2	<2	11	2.66	49.0	0.50	<3	44	63
82N12	2005	1073	11	445008	5711354	6	10	0.3	1.9	650	1.6	<1	100	5	110	15	1.3	<2	8	3.92	51.4	0.47	<3	42	120
82N12	2005	1074	11	445008	5711354	6	20	0.2	1.3	730	0.9	<1	96	5	130	17	1.1	<2	7	3.89	50.0	0.43	<3	41	130
82N12	2005	1075	11	445543	5711005	6		<0.1	<1.2	400	7.9	<1	150	4	99	17	2.0	<2	14	4.93	76.8	0.53	<5	59	67
82N12	2005	1076	11	446040	5712464	6		<0.1	<1.1	420	3.6	<1	160	4	100	17	1.8	6	11	5.76	81.2	0.59	<4	65	70
82N12	2005	1077	11	447365	5714428	6		0.3	6.2	330	10.0	2	100	7	61	12	1.1	<2	15	3.44	50.0	0.48	<3	45	58
82N12	2005	1078	11	450052	5718879	6		<0.1	9.4	850	<1.0	1	339	7	75	13	3.0	11	16	3.66	174.0	2.30	<5	120	99
82N12	2005	1079	11	450338	5721221	6		<0.1	<1.2	660	0.9	2	200	10	310	24	2.2	<5	9	4.29	97.3	1.20	<5	82	96
82N12	2005	1080	11	451013	5722848	6		0.2	3.4	310	1.8	2	110	5	49	14	1.7	<2	9	4.26	50.0	1.10	<3	49	70
82N10	2005	1082	11	524241	5722343	6		0.1	1.9	82	4.0	15	26	<1	18	5	0.4	<2	2	1.40	13.0	0.12	<1	11	29
82N12	2005	1083	11	436590	5717482	6		0.5	2.3	87	0.6	<1	150	<1	46	13	2.0	<2	27	3.44	75.6	0.74	<3	63	25
82N12	2005	1084	11	435471	5717878	6		0.2	1.6	400	<0.5	1	140	3	80	13	2.0	<2	11	3.43	70.2	0.66	<4	61	80
82N12	2005	1085	11	435885	5717943	6		<0.1	<1.2	540	1.9	<1	140	4	130	16	1.7	<2	7	3.53	72.5	0.41	<4	62	110
82N13	2005	1086	11	431075	5737460	6		<0.2	<1.8	660	1.7	3	409	6	160	25	3.1	<5	12	5.73	224.0	1.40	<6	150	98
82N13	2005	1087	11	432075	5734628	6	10	0.4	3.1	570	1.7	4	150	3	110	22	2.3	<5	16	6.34	72.5	0.71	<3	62	100
82N13	2005	1088	11	432075	5734628	6	20	0.3	2.0	500	2.6	4	190	2	110	22	2.8	<5	28	7.11	95.8	0.93	<5	84	84
82N13	2005	1090	11	431952	5734376	6		0.4	2.5	600	1.8	5	95	3	220	32	1.7	<2	7	7.28	47.0	0.48	<4	41	89

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
82N12	2005	1046	11	440409	5719260	6		6.4	7.9	0.42	1.6	1.1	12.0	8	4.1	2.6	<50	17.17	600	13.44	0.11	217.0	7.66
82N12	2005	1047	11	441898	5718804	6		8.9	10.0	0.74	1.2	1.0	17.0	3	3.4	2.0	<50	15.31	420	2.77	0.04	156.0	7.20
82N12	2005	1048	11	443342	5719196	6		5.6	6.6	0.49	1.1	1.0	10.0	4	3.2	2.3	<50	19.89	315	9.20	0.20	267.0	7.80
82N12	2005	1049	11	443080	5719664	6		8.2	7.6	0.62	1.5	1.1	16.0	2	4.9	3.1	<50	17.33	540	10.36	0.07	148.0	8.11
82N12	2005	1050	11	444775	5719861	6		11.4	18.7	1.59	2.1	1.7	16.0	6	5.2	4.9	72	16.83	570	1.99	0.04	90.2	7.22
82N10	2005	1051	11	508830	5711110	6		4.9	9.4	0.86	0.8	<0.5	12.0	3	1.9	1.5	<50	13.93	990	20.35	0.21	238.0	8.18
82N10	2005	1052	11	512571	5711566	6		6.6	11.0	0.88	1.4	0.7	15.0	<1	2.8	1.9	69	12.71	810	12.30	0.05	242.0	7.93
82N10	2005	1053	11	508929	5710648	1		7.1	12.0	0.89	1.3	0.9	15.0	<1	1.8	2.2	100	13.64	510	8.86	ns	ns	ns
82N10	2005	1054	11	507169	5708295	6	10	7.1	10.2	0.90	1.5	0.7	15.0	<1	2.0	1.8	63	15.08	660	15.20	0.12	258.0	8.18
82N10	2005	1055	11	507169	5708295	6	20	6.9	10.2	0.90	0.8	0.8	15.0	2	1.7	1.9	52	15.75	675	7.60	0.12	267.0	8.09
82N10	2005	1056	11	505309	5709538	1		7.7	11.9	0.88	<0.5	<0.5	16.0	<1	2.5	2.0	77	12.79	810	10.02	ns	ns	ns
82N10	2005	1058	11	504870	5708910	6		5.3	8.7	0.76	0.8	0.7	12.0	4	2.0	1.7	76	11.14	765	17.81	0.10	242.0	8.09
82N10	2005	1059	11	503539	5708390	6		7.9	11.8	0.79	1.1	0.8	16.0	2	1.7	2.0	76	14.37	720	14.16	0.15	287.0	8.36
82N10	2005	1060	11	502286	5706850	6		8.3	13.5	0.85	1.7	0.8	18.0	<2	2.2	2.2	69	13.37	780	12.46	0.03	369.0	8.33
82N10	2005	1062	11	501609	5705939	6		5.9	10.9	0.69	<0.5	<0.5	14.0	<1	2.1	1.7	<50	11.74	720	18.91	0.04	476.0	8.11
82N07	2005	1063	11	501297	5702890	6		7.4	12.6	0.77	1.3	1.1	18.0	3	2.2	2.0	57	11.57	750	13.76	0.06	463.0	8.32
82N12	2005	1064	11	446717	5718493	6		8.5	11.3	0.74	2.4	1.3	14.0	4	4.3	3.8	56	12.10	810	12.73	0.09	238.0	8.06
82N12	2005	1065	11	450636	5724673	6		7.9	10.8	1.20	1.4	1.0	13.0	2	4.1	4.4	<50	18.79	405	3.98	0.05	213.0	7.92
82N12	2005	1066	11	450715	5728923	6		12.6	16.2	1.39	2.0	1.8	20.0	4	5.1	6.0	74	16.65	480	4.66	0.03	116.0	7.50
82N12	2005	1067	11	451101	5729342	6		13.4	13.9	1.28	2.1	1.6	22.6	6	5.8	6.0	<50	12.56	510	6.03	0.04	176.0	7.88
82N12	2005	1068	11	439344	5706840	6		10.5	11.0	0.52	2.2	1.4	19.0	<2	4.1	4.1	<50	15.41	315	3.64	0.03	88.6	7.46
82N12	2005	1069	11	439518	5706143	6		8.5	7.2	0.36	1.8	1.3	16.0	2	3.5	3.2	<50	16.91	270	2.59	0.03	93.5	7.19
82N12	2005	1070	11	441823	5707967	6		18.5	4.1	0.31	2.1	1.8	32.4	3	5.7	5.4	<50	24.28	90	0.50	0.09	62.3	6.97
82N12	2005	1072	11	444090	5709907	6		7.2	8.0	0.45	1.0	1.0	14.0	<1	5.6	2.9	<50	14.48	150	6.80	0.04	221.0	7.75
82N12	2005	1073	11	445008	5711354	6	10	7.4	12.3	0.55	1.5	0.8	15.0	<2	3.5	2.9	<50	12.91	270	3.28	0.03	105.0	7.33
82N12	2005	1074	11	445008	5711354	6	20	7.1	13.5	0.59	0.8	1.0	15.0	<2	3.6	2.6	<50	13.97	330	3.68	0.03	100.0	7.37
82N12	2005	1075	11	445543	5711005	6		10.3	12.1	0.88	3.1	1.0	19.0	<2	6.9	3.3	60	11.55	300	5.12	0.03	271.0	7.45
82N12	2005	1076	11	446040	5712464	6		11.3	16.2	0.85	3.3	1.1	20.8	4	5.7	3.6	<50	16.92	390	3.77	0.02	74.6	7.20
82N12	2005	1077	11	447365	5714428	6		7.2	8.5	0.57	1.5	0.9	13.0	7	3.7	2.7	51	15.73	585	8.18	0.31	217.0	8.22
82N12	2005	1078	11	450052	5718879	6		19.2	11.1	1.48	0.9	3.0	38.7	10	11.0	14.0	<50	21.13	345	1.79	0.08	230.0	7.28
82N12	2005	1079	11	450338	5721221	6		15.0	16.4	1.41	1.5	2.1	34.5	15	6.6	7.5	<50	18.24	315	2.78	0.04	67.2	6.71
82N12	2005	1080	11	451013	5722848	6		8.7	14.4	1.13	1.5	1.4	14.0	25	4.1	6.5	<50	19.68	255	2.20	0.04	189.0	7.80
82N10	2005	1082	11	524241	5722343	6		2.2	3.3	0.09	<0.5	<0.5	3.9	<1	0.8	0.8	<50	22.48	360	35.39	0.05	279.0	8.00
82N12	2005	1083	11	436590	5717482	6		11.2	3.7	0.38	1.6	1.2	21.9	<1	4.5	4.1	<50	19.66	135	1.79	<0.02	98.6	8.19
82N12	2005	1084	11	435471	5717878	6		10.2	9.4	0.69	1.5	1.5	19.0	4	4.4	4.0	<50	14.30	300	3.59	<0.02	60.5	7.58
82N12	2005	1085	11	435885	5717943	6		10.0	13.3	0.62	0.9	1.0	18.0	<3	3.7	2.4	53	13.23	435	3.78	<0.02	35.8	7.18
82N13	2005	1086	11	431075	5737460	6		24.0	23.7	1.94	2.1	2.9	42.6	5	10.0	8.7	65	17.16	420	3.00	<0.02	39.2	6.64
82N13	2005	1087	11	432075	5734628	6	10	11.6	23.7	1.70	1.3	1.3	21.0	<3	4.0	4.5	74	17.93	495	1.60	<0.02	94.1	7.57
82N13	2005	1088	11	432075	5734628	6	20	15.1	26.8	1.68	2.5	2.3	26.6	<3	4.3	5.7	58	22.51	525	1.59	<0.02	89.6	7.48
82N13	2005	1090	11	431952	5734376	6		8.1	24.6	1.72	<0.5	0.8	18.0	3	5.3	2.9	98	21.19	345	1.49	<0.02	80.6	7.46

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
82N13	2005	1091	11	462056	5744815	6		0.6	4.5	330	20.0	<1	190	2	53	9	1.9	<5	29	1.97	82.3	0.72	<5	73	57
82N13	2005	1092	11	463956	5745341	6		0.8	6.4	83	3.1	18	64	1	31	9	0.4	<2	2	1.83	34.0	0.14	<3	26	40
82N13	2005	1093	11	463386	5745446	6		0.7	6.9	110	10.0	17	55	2	33	7	0.8	<2	9	1.54	27.0	0.27	<2	19	35
82N13	2005	1094	11	459636	5744541	6		1.1	16.0	630	10.0	<1	130	6	97	16	1.5	6	13	4.04	62.5	0.60	<5	51	140
82N13	2005	1095	11	459224	5744740	6		0.6	18.0	440	<0.5	<1	190	3	96	18	2.0	<4	18	4.10	88.9	0.73	5	74	120
82N13	2005	1096	11	458334	5745577	6		0.6	11.0	470	2.4	<1	180	3	88	13	2.0	<5	21	4.03	87.1	0.77	<4	81	98
82N13	2005	1097	11	458585	5745715	6		0.8	13.0	600	10.0	<1	190	4	97	17	2.3	7	28	2.66	90.0	0.87	<5	72	95
82N13	2005	1098	11	432609	5758989	6		<0.2	8.3	750	5.3	1	220	4	96	14	2.3	<5	29	3.72	99.3	0.76	<5	91	130
82N13	2005	1099	11	432870	5758428	6		0.2	7.1	410	1.7	10	110	4	86	17	1.0	<2	6	3.24	55.5	0.25	<2	45	97
82N13	2005	1100	11	434583	5760053	6		0.3	13.0	620	13.0	<1	180	3	180	33	1.9	<5	16	4.21	81.7	0.61	<5	70	91
82N13	2005	1102	11	434600	5761034	6		0.4	10.0	420	2.2	<1	180	2	62	14	1.8	<2	19	3.35	83.4	0.66	<4	69	77
82N13	2005	1103	11	435329	5756755	6		0.3	17.0	570	1.6	6	130	6	130	23	0.9	<2	3	4.29	72.1	0.23	<3	52	160
82N13	2005	1104	11	442007	5756943	6		0.5	33.0	560	8.9	<1	250	4	110	21	2.6	<6	11	4.84	129.0	0.68	<5	99	140
82N13	2005	1105	11	439927	5756563	6	10	0.3	15.0	630	0.5	<1	230	1	50	11	2.9	<2	31	2.18	101.0	0.85	<4	85	76
82N13	2005	1106	11	439927	5756563	6	20	0.4	16.0	560	1.2	<1	190	1	43	10	2.3	<2	25	2.09	82.8	0.74	<3	68	64
82N13	2005	1107	11	444364	5757357	6		0.5	4.3	600	5.8	2	140	3	72	11	1.7	<4	18	2.95	67.2	0.56	<4	61	97
82N13	2005	1108	11	446546	5757504	6		0.2	3.8	120	1.6	16	200	<1	47	9	1.7	<2	39	2.05	89.2	0.82	<4	80	36
82N13	2005	1109	11	447709	5756028	6		0.3	14.0	580	2.8	<1	180	3	79	14	1.6	<4	19	3.08	84.5	0.70	<4	75	95
82N13	2005	1110	11	450753	5757301	6		<0.2	2.7	480	<0.5	9	120	5	93	17	1.2	<4	6	3.89	58.3	0.31	<4	50	120
82N13	2005	1111	11	451422	5757884	6		0.2	3.5	240	1.7	17	66	3	62	11	0.7	<2	3	2.58	33.0	0.16	<1	30	70
82N13	2005	1112	11	451062	5758389	6		0.3	5.6	180	1.3	20	43	1	50	10	0.5	<2	1	2.17	23.0	0.11	<2	19	56
82N13	2005	1114	11	452301	5758860	6		0.5	4.9	190	4.8	17	52	2	42	8	<0.2	3	2	1.63	27.0	0.14	<3	20	56
82N13	2005	1115	11	453202	5759957	6		0.7	6.0	640	3.2	13	55	2	41	9	0.8	<2	3	1.92	27.0	0.17	<3	23	72
82N13	2005	1116	11	453083	5760426	6		0.3	3.5	370	1.0	24	31	<1	15	4	0.3	<2	1	1.11	16.0	0.09	<1	15	19
82N13	2005	1117	11	444338	5736247	6		0.3	2.8	380	1.2	5	290	3	87	17	3.5	<5	26	5.69	136.0	1.40	<5	120	48
82N13	2005	1118	11	444462	5736195	6		<0.1	<0.5	540	<0.5	5	150	<1	160	30	2.5	<5	17	9.08	69.8	0.93	<3	73	28
82N13	2005	1119	11	452941	5743856	6		0.4	12.0	550	0.9	<1	220	2	57	12	1.9	<2	35	2.41	96.3	0.80	<4	81	65
82N13	2005	1120	11	453285	5743922	6		0.5	21.0	710	10.0	<1	170	4	110	19	2.1	<5	13	4.24	85.0	0.60	<5	76	140
82N13	2005	1122	11	435599	5748884	6		<0.1	6.8	560	20.0	<1	318	4	140	30	3.9	<5	12	4.21	184.0	0.49	<7	150	92
82N13	2005	1123	11	433960	5749826	6		<0.1	3.9	1000	<0.5	<1	200	3	130	11	2.4	<2	12	4.03	105.0	0.43	<4	79	160
82N13	2005	1124	11	451881	5754638	6	10	0.6	15.0	580	1.0	<1	260	4	89	18	2.8	<5	22	4.19	122.0	0.94	<5	110	110
82N13	2005	1125	11	451881	5754638	6	20	0.8	18.0	500	1.9	<1	250	3	93	18	2.8	<5	23	4.36	119.0	0.92	<4	100	110
82N13	2005	1126	11	455949	5755226	6		0.4	4.0	130	<0.5	20	67	<1	26	7	0.7	<2	3	1.86	33.0	0.21	<1	30	32
82N13	2005	1127	11	455888	5755608	6		3.2	16.0	5020	1.5	5	110	4	88	16	1.1	<2	7	3.45	53.1	0.38	<3	46	130
82N13	2005	1128	11	459085	5757576	6		1.7	12.0	170	3.4	6	100	3	70	13	1.0	<2	6	2.51	50.7	0.29	<3	38	100
82N13	2005	1130	11	459207	5757825	6		0.5	5.0	110	3.8	19	47	2	38	8	0.5	<2	2	1.87	24.0	0.17	<1	20	55
82N13	2005	1131	11	464246	5759013	6		0.9	3.9	910	0.8	26	16	<1	12	4	0.4	<2	2	1.17	8.4	0.08	<1	8	20
82N13	2005	1132	11	464612	5759038	6		0.5	6.1	190	2.8	10	65	3	49	12	0.8	<2	3	2.09	33.0	0.23	<3	29	86
82N14	2005	1133	11	466759	5741829	6		0.9	9.3	370	14.0	<1	110	4	110	14	1.3	<2	8	5.45	54.0	0.38	<3	51	110
82N14	2005	1134	11	468376	5739541	6		0.8	10.0	320	10.0	3	140	2	72	13	1.8	8	17	3.76	64.9	0.54	<4	55	63

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
82N13	2005	1091	11	462056	5744815	6		12.8	7.2	0.38	<0.5	1.2	23.8	<3	7.6	4.3	<50	11.97	240	16.35	<0.02	168.0	7.80
82N13	2005	1092	11	463956	5745341	6		3.4	4.7	0.11	<0.5	<0.5	8.3	<1	1.6	0.8	<50	14.85	825	30.16	0.11	190.0	8.04
82N13	2005	1093	11	463386	5745446	6		3.5	4.6	0.17	0.7	0.5	7.7	2	2.4	1.5	<50	13.21	705	28.26	0.04	190.0	7.98
82N13	2005	1094	11	459636	5744541	6		10.0	13.4	0.68	1.7	1.0	21.3	<1	9.1	3.6	70	11.50	570	8.28	<0.02	80.6	7.41
82N13	2005	1095	11	459224	5744740	6		12.7	11.9	0.68	1.3	1.4	26.4	3	5.9	4.6	<50	15.30	450	3.39	<0.02	101.0	7.62
82N13	2005	1096	11	458334	5745577	6		13.0	11.4	0.61	1.3	1.4	22.3	<1	5.5	4.7	<50	12.50	495	5.27	<0.02	134.0	7.66
82N13	2005	1097	11	458585	5745715	6		13.5	12.0	0.64	<1.1	1.8	30.6	<1	11.0	5.3	<50	10.41	435	7.08	<0.02	85.1	7.68
82N13	2005	1098	11	432609	5758989	6		13.9	11.8	0.57	1.4	1.5	31.9	2	5.7	4.6	<50	11.37	420	8.00	<0.02	65.0	7.45
82N13	2005	1099	11	432870	5758428	6		6.7	11.0	0.50	1.2	<0.5	15.0	3	1.7	1.4	55	12.27	495	19.98	<0.02	258.0	8.17
82N13	2005	1100	11	434583	5760053	6		11.4	11.9	0.52	1.1	1.0	21.9	2	5.9	3.7	<50	10.85	315	10.37	<0.02	33.6	7.20
82N13	2005	1102	11	434600	5761034	6		12.1	8.9	0.39	<0.5	1.0	21.8	2	4.3	4.0	<50	15.39	450	4.97	<0.02	60.5	7.52
82N13	2005	1103	11	435329	5756755	6		7.9	16.6	0.76	<0.5	<0.5	16.0	<1	1.4	1.4	58	11.86	765	12.86	<0.02	314.0	8.24
82N13	2005	1104	11	442007	5756943	6		17.0	14.5	1.00	<1.3	1.4	30.2	5	8.9	4.2	<50	11.16	600	10.74	<0.02	146.0	7.86
82N13	2005	1105	11	439927	5756563	6	10	14.9	6.2	0.10	1.2	1.6	29.4	<1	4.6	5.0	<50	17.82	285	1.90	<0.02	101.0	7.42
82N13	2005	1106	11	439927	5756563	6	20	12.2	5.9	0.08	1.3	1.1	23.7	2	4.6	4.3	<50	19.10	300	2.00	<0.02	101.0	7.48
82N13	2005	1107	11	444364	5757357	6		10.0	10.0	0.61	<0.5	1.3	22.0	1	5.6	3.4	<50	11.62	705	10.80	<0.02	33.6	7.05
82N13	2005	1108	11	446546	5757504	6		13.0	6.2	0.26	1.0	1.4	26.5	2	6.1	4.7	<50	20.93	255	22.82	<0.02	157.0	8.00
82N13	2005	1109	11	447709	5756028	6		11.8	10.0	0.58	1.5	1.4	26.0	3	6.8	4.3	<50	14.21	345	3.90	<0.02	179.0	7.81
82N13	2005	1110	11	450753	5757301	6		7.8	11.5	0.60	<0.5	<0.5	15.0	2	2.6	1.9	<50	13.17	585	15.66	<0.02	381.0	8.29
82N13	2005	1111	11	451422	5757884	6		4.0	7.4	0.31	<0.5	<0.5	10.0	<1	1.4	0.8	<50	14.40	660	26.77	0.02	190.0	8.32
82N13	2005	1112	11	451062	5758389	6		2.7	6.1	0.20	<0.5	0.5	7.3	1	1.3	0.7	<50	16.78	750	30.88	<0.02	179.0	8.06
82N13	2005	1114	11	452301	5758860	6		2.9	5.4	0.17	<0.5	<0.5	8.4	1	2.4	0.8	<50	13.89	1680	29.91	0.09	219.0	8.20
82N13	2005	1115	11	453202	5759957	6		3.5	5.8	0.18	1.2	<0.5	8.3	<1	1.9	1.1	<50	16.04	1230	25.84	0.12	299.0	7.96
82N13	2005	1116	11	453083	5760426	6		2.2	2.9	0.09	<0.5	<0.5	4.2	<1	0.9	0.6	<50	20.07	450	35.40	0.05	184.0	8.24
82N13	2005	1117	11	444338	5736247	6		23.6	25.9	1.54	2.0	3.2	40.4	4	10.0	8.8	<50	21.72	525	1.19	<0.02	138.0	7.60
82N13	2005	1118	11	444462	5736195	6		14.1	33.5	1.54	1.7	1.7	13.0	3	3.5	5.7	77	24.00	270	0.59	<0.02	43.7	7.05
82N13	2005	1119	11	452941	5743856	6		13.5	7.2	0.67	<0.5	1.6	32.4	<1	6.9	4.6	<50	19.30	195	2.77	<0.02	115.0	8.00
82N13	2005	1120	11	453285	5743922	6		11.9	12.8	0.72	2.5	1.0	23.5	2	6.0	3.4	<50	7.40	480	9.08	<0.02	94.3	7.82
82N13	2005	1122	11	435599	5748884	6		25.6	13.3	0.83	3.5	1.9	40.2	5	11.0	3.1	73	8.91	465	12.97	0.02	51.8	6.95
82N13	2005	1123	11	433960	5749826	6		12.9	16.0	0.88	3.1	1.3	30.3	5	5.7	2.6	68	13.32	375	4.40	0.05	62.1	6.67
82N13	2005	1124	11	451881	5754638	6	10	17.7	12.1	0.78	<1.0	2.1	32.6	2	8.0	5.6	58	12.30	345	7.98	<0.02	138.0	8.09
82N13	2005	1125	11	451881	5754638	6	20	17.3	12.5	0.80	1.3	2.1	32.5	<1	6.8	5.6	56	13.58	330	3.88	<0.02	138.0	7.87
82N13	2005	1126	11	455949	5755226	6		4.8	4.5	0.16	<0.5	<0.5	7.7	<1	1.6	1.2	<50	19.07	255	30.23	0.10	242.0	8.05
82N13	2005	1127	11	455888	5755608	6		7.3	11.0	0.51	1.5	0.9	16.0	2	3.3	2.4	99	14.80	1185	12.44	0.04	219.0	8.22
82N13	2005	1128	11	459085	5757576	6		5.7	8.2	0.26	1.3	<0.5	15.0	2	3.4	1.7	<50	12.48	1410	15.87	0.04	230.0	8.14
82N13	2005	1130	11	459207	5757825	6		3.1	5.7	0.22	<0.5	<0.5	7.4	<1	1.8	1.1	<50	14.88	960	30.31	0.05	219.0	8.03
82N13	2005	1131	11	464246	5759013	6		1.6	2.7	0.05	<0.5	<0.5	2.5	<1	1.1	0.5	<50	24.78	270	38.56	0.03	230.0	8.04
82N13	2005	1132	11	464612	5759038	6		4.1	7.2	0.20	<0.5	0.7	11.0	2	2.3	1.4	<50	14.65	1620	22.11	<0.02	207.0	8.16
82N14	2005	1133	11	466759	5741829	6		7.4	15.3	0.55	<0.5	1.0	15.0	2	4.1	2.3	110	10.32	555	11.49	<0.02	127.0	7.57
82N14	2005	1134	11	468376	5739541	6		10.0	10.0	0.34	<0.5	1.0	18.0	2	3.6	3.2	<50	13.33	345	9.99	<0.02	173.0	8.02

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
82N14	2005	1135	11	466990	5741952	6		0.5	7.1	230	1.1	11	110	2	56	12	1.3	<2	13	2.68	52.0	0.45	5	45	53
82N14	2005	1136	11	469576	5744823	6		0.9	8.9	97	5.0	17	44	1	34	8	0.6	<2	2	1.76	23.0	0.12	<1	18	48
82N14	2005	1137	11	469987	5744772	6		0.3	4.7	300	3.9	10	77	3	64	12	0.7	<2	4	2.95	39.0	0.27	<2	34	92
82N14	2005	1138	11	469541	5745888	6		0.3	8.4	220	5.8	12	66	3	53	12	<0.2	<2	3	2.44	33.0	0.21	<3	27	77
82N14	2005	1139	11	468891	5747320	6		0.4	2.9	510	2.4	5	96	4	86	17	1.2	<2	5	4.12	48.0	0.37	<3	39	140
82N14	2005	1140	11	468139	5747708	6		0.9	12.0	330	12.0	4	90	4	73	14	0.9	<2	5	2.98	45.0	0.30	<3	38	120
82N14	2005	1142	11	477732	5751384	6		0.5	2.0	380	20.0	5	62	3	57	11	0.5	<2	3	2.69	32.0	0.20	<3	25	88
82N14	2005	1143	11	467999	5748562	6		0.5	5.0	460	6.9	4	94	5	77	15	1.1	<2	5	3.34	46.0	0.34	<3	44	110
82N14	2005	1144	11	467460	5750610	6		0.6	7.9	360	9.3	6	67	4	60	11	0.7	<2	3	2.46	35.0	0.23	<3	26	110
82N14	2005	1145	11	466882	5750728	6		0.4	5.3	150	7.4	18	41	2	42	8	0.6	<2	1	1.73	22.0	0.14	3	17	58
82N13	2005	1146	11	464007	5751972	6		0.6	4.8	260	1.4	13	82	2	51	12	0.7	<2	4	2.65	42.0	0.26	<3	34	75
82N14	2005	1147	11	466230	5755337	6		1.4	6.7	350	5.3	8	73	3	65	12	0.8	<2	5	2.95	37.0	0.28	<3	31	86
82N14	2005	1148	11	467013	5750987	6	10	0.5	4.4	130	1.6	17	60	1	36	8	0.5	<2	3	1.98	31.0	0.18	<2	24	51
82N14	2005	1149	11	467013	5750987	6	20	0.5	5.0	140	1.6	16	61	2	39	10	0.8	<2	3	2.10	32.0	0.19	<2	28	54
82N13	2005	1150	11	464023	5752205	6		0.5	6.1	73	4.5	19	50	1	33	7	0.5	<2	2	1.69	26.0	0.15	<2	23	44
82N14	2005	1151	11	476535	5753095	6		0.2	2.0	120	5.6	19	38	2	42	7	0.4	<2	1	1.50	21.0	0.12	<1	19	44
82N14	2005	1153	11	474572	5756819	6		0.3	4.8	220	12.0	9	71	4	62	12	0.8	<2	4	2.30	37.0	0.23	5	31	78
82N14	2005	1154	11	475940	5760155	6		0.3	4.0	390	2.2	9	71	3	66	11	0.9	<2	4	2.23	36.0	0.26	<3	31	93
82N14	2005	1155	11	487405	5754243	6		<0.1	1.2	<50	4.9	16	8	<1	6	<1	<0.2	<2	2	0.32	4.8	0.05	<1	<5	<15
82N14	2005	1156	11	487607	5754204	6		<0.1	1.2	<50	3.8	14	17	1	19	1	0.3	<2	4	0.59	9.1	0.11	<1	10	18
82N14	2005	1157	11	485405	5751843	6		0.7	4.0	260	1.1	16	52	2	46	9	0.6	<2	3	2.00	27.0	0.16	<2	22	49
82N14	2005	1158	11	485804	5751555	6		<0.1	1.4	110	1.2	21	37	<1	24	4	0.5	<2	2	1.22	19.0	0.13	3	17	42
82N14	2005	1159	11	482852	5749061	6		1.0	2.6	68	2.8	22	18	<1	20	4	0.3	<2	<1	1.20	11.0	0.06	<1	10	<15
82N14	2005	1160	11	483395	5748255	6		0.5	4.2	67	3.2	21	27	<1	33	5	<0.2	<2	1	1.27	15.0	0.08	<1	12	28
82N13	2005	1162	11	437037	5747302	6	10	<0.3	<2.1	<150	<1.8	<1	920	2	120	12	9.1	<10	29	6.68	486.0	2.00	<13	360	60
82N13	2005	1163	11	437037	5747302	6	20	<0.3	<2.7	<130	<2.3	<2	1340	3	160	14	11.0	<12	40	7.56	695.0	2.40	<19	503	49
82N13	2005	1164	11	439102	5746099	6		0.3	2.7	750	6.0	<1	250	4	110	19	3.0	<6	11	4.03	126.0	0.40	<5	100	110
82N13	2005	1165	11	442308	5751496	6		0.2	4.7	440	3.4	6	140	3	89	14	1.2	<2	13	3.48	71.6	0.39	<4	60	100
82N13	2005	1166	11	442400	5751346	6		0.3	7.2	350	<0.5	4	180	3	150	20	2.0	<4	4	7.95	96.3	0.30	<3	76	110
82N14	2005	1167	11	474913	5740933	6		0.3	3.4	390	0.8	8	82	4	77	15	0.8	<2	4	3.83	43.0	0.32	<3	34	100
82N14	2005	1169	11	475496	5741118	6		0.3	2.8	390	<0.5	7	98	4	89	18	1.1	<2	5	3.95	50.7	0.37	<3	48	140
82N14	2005	1170	11	478682	5736051	6		1.4	16.0	96	3.2	11	58	1	45	11	0.7	<2	3	2.03	30.0	0.19	<2	22	50
82N14	2005	1171	11	478741	5736218	6		0.3	4.5	150	1.8	13	48	2	39	8	0.7	<2	3	2.03	23.0	0.19	<2	21	44
82N14	2005	1172	11	481625	5747365	6		1.1	2.7	<50	3.5	18	31	1	29	5	0.4	<2	1	1.47	16.0	0.09	<1	13	26
82N14	2005	1173	11	480314	5760732	6		0.2	3.2	92	14.0	13	32	1	23	5	0.4	<2	3	1.36	16.0	0.10	<1	17	28
82N14	2005	1174	11	479745	5760640	6		<0.1	3.2	170	1.0	21	39	<1	30	6	0.5	<2	3	1.55	20.0	0.13	<1	16	42
82N14	2005	1175	11	483675	5740415	1		1.4	4.4	280	7.0	4	86	4	76	13	0.9	<2	4	2.86	43.0	0.28	<4	38	95
82N14	2005	1176	11	482106	5741172	6		1.1	3.6	160	4.7	14	53	4	49	9	0.7	<2	3	2.07	28.0	0.18	<3	24	62
82N14	2005	1177	11	485765	5739692	6		0.6	4.4	<50	3.5	20	31	1	29	7	0.3	<2	<1	1.56	18.0	0.08	2	14	27
82N14	2005	1178	11	488169	5737490	6		<0.1	2.6	350	8.6	7	79	3	69	12	0.9	<2	4	2.26	43.0	0.24	<3	32	76

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
82N14	2005	1135	11	466990	5741952	6		7.4	7.3	0.32	0.7	0.9	15.0	<1	3.4	2.8	<50	17.55	360	18.10	<0.02	150.0	7.89
82N14	2005	1136	11	469576	5744823	6		2.7	4.8	0.14	0.6	<0.5	6.6	<1	1.5	0.8	<50	13.47	1080	31.61	<0.02	253.0	8.21
82N14	2005	1137	11	469987	5744772	6		5.0	8.9	0.52	<0.5	<0.5	12.0	<1	2.1	1.5	58	12.99	855	19.26	0.12	253.0	8.00
82N14	2005	1138	11	469541	5745888	6		4.2	7.6	0.31	<0.5	0.7	11.0	2	2.0	1.4	<50	14.73	870	23.98	0.06	253.0	8.14
82N14	2005	1139	11	468891	5747320	6		6.4	12.2	0.76	1.4	<0.5	15.0	2	2.4	2.2	64	14.69	990	11.12	0.02	276.0	8.25
82N14	2005	1140	11	468139	5747708	6		5.8	10.0	0.32	1.0	<0.5	14.0	<1	2.5	1.9	50	10.12	1725	15.25	0.03	230.0	8.11
82N14	2005	1142	11	477732	5751384	6		3.5	7.6	0.70	<0.5	0.7	10.0	<1	3.0	1.2	69	8.56	1050	26.33	0.03	334.0	8.30
82N14	2005	1143	11	467999	5748562	6		6.2	10.3	0.67	<0.5	1.2	15.0	2	2.6	2.4	<50	11.01	900	15.90	<0.02	230.0	8.22
82N14	2005	1144	11	467460	5750610	6		4.2	8.4	0.38	0.7	<0.5	12.0	<1	2.8	1.4	<50	10.87	2040	22.34	<0.02	276.0	8.17
82N14	2005	1145	11	466882	5750728	6		2.4	5.3	0.17	<0.5	<0.5	7.5	<1	1.6	0.8	<50	11.60	1230	32.70	0.05	196.0	8.03
82N13	2005	1146	11	464007	5751972	6		5.4	7.8	0.32	0.7	<0.5	11.0	1	2.4	1.6	<50	15.31	645	21.53	0.04	219.0	8.21
82N14	2005	1147	11	466230	5755337	6		4.9	8.8	0.44	<0.5	0.7	12.0	2	2.7	1.8	<50	14.88	1005	16.92	<0.02	219.0	8.04
82N14	2005	1148	11	467013	5750987	6	10	3.9	5.6	0.24	0.6	<0.5	8.1	<1	1.7	1.0	<50	18.07	705	27.73	0.05	219.0	8.01
82N14	2005	1149	11	467013	5750987	6	20	4.1	5.9	0.24	<0.5	<0.5	8.6	2	1.7	1.1	<50	17.58	720	27.31	0.05	207.0	8.13
82N13	2005	1150	11	464023	5752205	6		3.1	5.3	0.19	0.7	0.5	7.8	1	1.4	0.9	<50	15.72	990	31.00	0.04	207.0	8.19
82N14	2005	1151	11	476535	5753095	6		2.6	5.2	0.20	0.7	<0.5	6.2	1	1.2	0.7	<50	16.93	675	33.50	0.08	276.0	8.20
82N14	2005	1153	11	474572	5756819	6		3.9	8.1	0.41	0.9	0.6	12.0	<1	2.5	1.3	<50	11.79	1590	23.05	0.08	276.0	8.17
82N14	2005	1154	11	475940	5760155	6		4.6	7.5	0.53	1.5	0.8	11.0	<1	2.4	1.5	<50	18.60	900	19.70	0.03	265.0	8.05
82N14	2005	1155	11	487405	5754243	6		0.7	0.9	0.03	<0.5	<0.5	1.0	<1	0.7	0.3	<50	22.61	225	40.40	<0.02	196.0	8.16
82N14	2005	1156	11	487607	5754204	6		1.3	2.3	0.03	<0.5	<0.5	2.5	<1	1.0	0.6	<50	21.49	375	31.87	<0.02	207.0	7.79
82N14	2005	1157	11	485405	5751843	6		3.5	6.2	0.33	0.5	<0.5	8.3	<1	1.8	1.0	<50	20.21	675	24.45	0.05	230.0	8.20
82N14	2005	1158	11	485804	5751555	6		2.5	3.9	0.29	<0.5	<0.5	5.2	1	1.2	0.8	<50	23.64	405	32.80	0.07	230.0	8.09
82N14	2005	1159	11	482852	5749061	6		1.3	2.6	0.08	<0.5	<0.5	2.8	<1	0.7	0.4	<50	22.45	330	40.36	0.08	207.0	8.18
82N14	2005	1160	11	483395	5748255	6		1.7	2.8	0.15	<0.5	<0.5	4.0	<1	0.9	0.4	<50	21.16	360	38.11	0.07	207.0	8.01
82N13	2005	1162	11	437037	5747302	6	10	66.7	27.3	1.02	5.2	6.4	158.0	5	38.0	12.0	<50	21.74	315	1.30	0.02	52.9	6.93
82N13	2005	1163	11	437037	5747302	6	20	96.5	31.5	0.91	7.1	9.0	230.0	5	54.6	14.0	<50	24.46	330	1.19	0.02	52.9	6.90
82N13	2005	1164	11	439102	5746099	6		16.9	12.6	1.04	2.8	1.2	30.0	5	6.1	2.3	<50	10.89	465	8.18	0.03	42.6	7.18
82N13	2005	1165	11	442308	5751496	6		9.0	11.8	0.56	<0.5	1.1	19.0	<1	3.3	2.3	<50	15.57	570	12.63	<0.02	173.0	7.82
82N13	2005	1166	11	442400	5751346	6		10.3	20.1	0.49	<0.5	<0.5	19.0	<2	2.5	1.8	120	18.77	450	9.07	<0.02	230.0	8.07
82N14	2005	1167	11	474913	5740933	6		5.8	11.4	0.65	0.6	0.9	14.0	2	1.9	1.9	68	16.99	630	15.98	0.05	265.0	8.22
82N14	2005	1169	11	475496	5741118	6		6.6	13.0	0.69	1.1	0.7	16.0	<1	1.9	2.3	58	14.50	720	12.69	0.14	276.0	8.19
82N14	2005	1170	11	478682	5736051	6		3.9	7.0	0.12	0.7	0.7	9.3	<1	1.9	1.1	<50	17.86	660	25.90	0.05	265.0	8.20
82N14	2005	1171	11	478741	5736218	6		3.5	5.9	0.14	<0.5	<0.5	6.5	2	1.5	1.1	<50	18.29	525	23.30	0.04	288.0	8.17
82N14	2005	1172	11	481625	5747365	6		1.9	3.4	0.17	<0.5	<0.5	4.6	<1	0.7	0.6	<50	18.09	315	37.00	0.03	253.0	7.86
82N14	2005	1173	11	480314	5760732	6		2.0	3.7	0.15	1.3	<0.5	4.1	<1	1.4	0.7	<50	16.21	615	34.63	<0.02	219.0	7.96
82N14	2005	1174	11	479745	5760640	6		2.8	4.7	0.27	<0.5	<0.5	6.1	1	1.2	0.9	<50	19.72	960	29.87	0.09	242.0	8.17
82N14	2005	1175	11	483675	5740415	1		5.0	10.0	0.40	1.9	<0.5	14.0	3	2.2	1.6	<50	8.82	1230	20.22	ns	ns	ns
82N14	2005	1176	11	482106	5741172	6		3.4	6.5	0.29	0.7	<0.5	8.4	<1	1.6	1.1	<50	12.67	825	26.71	0.02	242.0	8.09
82N14	2005	1177	11	485765	5739692	6		1.8	3.9	0.10	<0.5	<0.5	4.7	<1	0.9	0.6	<50	16.81	480	38.38	<0.02	196.0	8.14
82N14	2005	1178	11	488169	5737490	6		4.2	8.7	0.37	<0.5	<0.5	13.0	<2	2.7	1.5	<50	10.41	1395	21.07	0.12	230.0	8.10

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
82N14	2005	1179	11	494161	5736502	6		<0.1	1.4	85	1.8	20	32	<1	44	4	0.4	<2	1	1.04	17.0	0.11	<1	13	23
82N14	2005	1180	11	494382	5735605	6		<0.1	1.4	390	3.2	12	58	2	87	9	0.6	<2	3	2.00	30.0	0.21	<3	28	64
82N14	2005	1182	11	498151	5734590	6		<0.1	2.0	280	1.2	14	78	2	120	12	1.3	<2	4	2.38	40.0	0.27	<2	34	69
82N14	2005	1183	11	498162	5734899	6		<0.1	6.1	190	2.9	15	72	2	98	11	1.0	<2	3	2.16	39.0	0.19	<3	28	48
82N14	2005	1184	11	492129	5742682	6		0.3	3.5	140	2.8	19	28	<1	29	5	0.4	<2	1	1.24	15.0	0.08	<2	16	34
82N14	2005	1185	11	491700	5740757	6	10	0.3	3.6	360	2.4	7	85	4	110	17	0.9	<2	3	3.80	45.0	0.23	<2	38	110
82N14	2005	1186	11	491700	5740757	6	20	0.2	3.4	370	3.7	7	85	4	110	16	1.0	<2	3	3.75	45.0	0.23	<2	36	130
82N14	2005	1187	11	492834	5744029	1		0.3	6.2	270	5.6	19	52	2	64	11	0.4	<2	2	1.65	28.0	0.13	<2	19	49
82N14	2005	1188	11	494059	5745735	6		0.2	3.9	320	0.6	8	77	3	73	12	0.6	<2	4	2.56	40.0	0.23	4	31	98
82N11	2005	1189	11	469754	5712082	6		0.3	2.9	410	2.5	<1	160	1	50	8	2.0	<2	26	2.85	70.6	0.76	<3	64	53
82N11	2005	1190	11	467579	5717023	6		0.4	8.1	600	9.4	<1	210	4	98	16	2.9	39	16	4.89	107.0	0.78	<4	97	100
82N11	2005	1192	11	481028	5715428	6		0.3	2.9	110	8.4	22	24	1	20	4	0.3	<2	<1	0.91	13.0	0.08	<1	13	23
82N11	2005	1193	11	481419	5719140	6		0.2	2.6	68	0.6	24	32	<1	16	5	0.3	<2	1	1.30	17.0	0.10	<1	15	19
82N11	2005	1194	11	480157	5721762	6		0.2	2.6	67	8.0	23	32	1	25	7	0.3	<2	1	1.45	18.0	0.10	<1	16	35
82N11	2005	1195	11	482422	5723043	6		0.3	1.8	260	5.0	13	63	2	51	10	0.6	<2	2	2.53	34.0	0.17	<3	27	78
82N11	2005	1196	11	483829	5723521	6		0.2	2.1	370	3.0	7	99	3	61	13	1.2	<2	6	3.10	49.0	0.27	<3	44	86
82N11	2005	1197	11	486625	5726610	6		0.4	7.9	370	4.1	6	85	4	98	18	0.6	<2	3	4.17	45.0	0.27	<3	37	120
82N11	2005	1198	11	481275	5728630	6		<0.2	2.7	330	4.2	3	80	5	120	20	1.0	<2	3	5.76	43.0	0.30	<3	37	130
82N11	2005	1199	11	481487	5728971	6		0.6	7.4	260	3.2	5	97	3	83	18	1.0	<2	4	3.90	50.9	0.36	<3	39	98
82N11	2005	1200	11	474519	5733048	6		0.5	7.2	280	1.5	14	69	2	70	12	0.9	<2	2	3.52	38.0	0.19	<1	31	76
82N11	2005	1202	11	474256	5733110	6		1.2	27.0	580	0.8	5	130	3	120	18	1.0	<2	4	6.21	69.9	0.29	<4	55	87
82N11	2005	1204	11	487610	5727769	6		0.4	11.0	140	7.4	10	56	3	47	9	0.6	<2	3	2.19	29.0	0.20	<1	26	51
82N11	2005	1205	11	488628	5729228	6	10	0.6	8.5	270	2.2	9	72	2	54	11	0.9	<2	9	2.53	39.0	0.26	3	31	58
82N11	2005	1206	11	488628	5729228	6	20	0.6	8.4	260	2.1	8	73	3	55	10	0.8	<2	9	2.48	38.0	0.27	4	30	72
82N11	2005	1207	11	488831	5729071	6		0.2	5.7	370	8.0	3	96	5	82	15	0.9	<2	5	3.76	49.0	0.32	<4	42	110
82N11	2005	1208	11	494805	5727521	6		0.2	3.0	300	6.4	9	72	2	51	10	0.6	<2	5	2.39	34.0	0.28	<3	27	67
82N11	2005	1209	11	495839	5727711	6		<0.1	2.1	470	12.0	6	76	3	72	11	0.9	<2	4	2.76	37.0	0.28	<3	31	100
82N11	2005	1210	11	498610	5727372	6		0.2	2.6	430	2.8	4	110	4	110	17	1.1	<2	6	3.70	53.3	0.40	<3	44	120
82N11	2005	1211	11	498695	5727080	6		0.1	2.5	110	1.2	18	43	1	34	9	0.7	<2	2	2.31	22.0	0.18	<1	20	26
82N11	2005	1212	11	486133	5717620	6		<0.1	2.1	490	1.1	3	110	4	99	20	1.5	<2	5	4.98	58.4	0.35	<2	53	130
82N11	2005	1213	11	486371	5717558	6		0.4	3.2	400	2.0	3	130	5	94	18	1.1	<4	5	4.34	66.2	0.32	<4	52	110
82N11	2005	1214	11	488538	5713212	6		0.3	8.2	340	4.0	5	97	4	80	15	1.1	<2	5	3.74	51.0	0.31	<3	41	110
82N11	2005	1215	11	488313	5712931	6		0.8	6.6	300	2.5	7	120	5	90	17	1.2	<2	4	4.09	60.7	0.34	<3	48	110
82N11	2005	1216	11	490264	5711056	6		<0.1	1.9	340	0.7	7	110	4	85	17	1.3	<2	4	4.01	55.4	0.34	<3	48	110
82N11	2005	1217	11	491071	5713940	6		<0.1	2.1	450	1.0	6	110	4	88	18	1.0	<2	4	4.23	57.1	0.34	<3	51	110
82N11	2005	1218	11	491812	5714175	6		<0.1	2.1	380	3.2	9	88	4	72	14	0.7	<2	3	3.36	46.0	0.25	<3	37	98
82N11	2005	1219	11	494514	5714228	6		0.3	2.7	440	4.7	2	120	7	88	18	1.4	<5	4	4.11	59.9	0.38	<4	52	130
82N11	2005	1220	11	495477	5714642	6		<0.2	3.5	360	5.1	6	95	4	79	14	1.6	<4	4	3.77	49.0	0.34	<3	37	110
82N11	2005	1222	11	497465	5715452	6		0.3	3.6	350	<0.5	7	150	6	95	20	2.0	<2	4	4.50	78.5	0.35	<3	68	130
82N11	2005	1223	11	498122	5716125	1		0.2	3.4	90	4.2	16	29	1	28	8	0.3	<2	2	2.01	15.0	0.12	<1	11	29

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
82N14	2005	1179	11	494161	5736502	6		2.1	3.5	0.20	0.6	<0.5	4.6	<1	1.0	0.6	<50	19.98	405	35.06	0.05	230.0	8.27
82N14	2005	1180	11	494382	5735605	6		3.8	7.0	0.43	0.9	<0.5	9.0	<1	2.1	1.3	<50	16.33	1185	23.58	0.02	230.0	8.06
82N14	2005	1182	11	498151	5734590	6		5.4	7.6	0.63	1.2	<0.5	10.0	2	1.0	1.6	<50	18.26	660	23.24	0.06	230.0	8.06
82N14	2005	1183	11	498162	5734899	6		4.3	8.2	0.20	1.8	<0.5	8.9	3	1.9	1.1	<50	18.63	1545	26.22	0.05	288.0	7.93
82N14	2005	1184	11	492129	5742682	6		1.8	3.1	0.18	0.9	<0.5	3.9	<1	0.8	0.5	<50	17.52	1365	36.35	<0.02	288.0	7.95
82N14	2005	1185	11	491700	5740757	6	10	5.0	12.6	0.61	1.5	<0.5	13.0	<1	1.9	1.4	71	14.18	1275	14.93	0.07	219.0	7.91
82N14	2005	1186	11	491700	5740757	6	20	5.0	12.6	0.60	<0.5	<0.5	13.0	2	1.5	1.5	68	14.74	1185	15.09	0.08	219.0	8.09
82N14	2005	1187	11	492834	5744029	1		2.7	6.0	0.19	1.2	<0.5	7.6	2	1.7	0.8	<50	11.63	1050	33.40	ns	ns	ns
82N14	2005	1188	11	494059	5745735	6		4.8	9.2	0.41	1.4	<0.5	13.0	1	2.3	1.4	<50	14.49	1230	16.47	0.04	219.0	7.92
82N11	2005	1189	11	469754	5712082	6		11.2	7.9	0.59	1.9	1.4	20.7	2	5.1	4.5	<50	18.93	735	5.62	<0.02	253.0	8.17
82N11	2005	1190	11	467579	5717023	6		15.3	12.5	0.82	<0.5	1.8	24.6	<1	6.3	4.8	<50	12.33	555	8.92	<0.02	207.0	8.05
82N11	2005	1192	11	481028	5715428	6		1.6	2.8	0.18	0.7	<0.5	3.4	<1	0.7	0.5	<50	7.90	780	37.29	<0.02	426.0	8.39
82N11	2005	1193	11	481419	5719140	6		2.3	3.6	0.14	<0.5	<0.5	4.2	<1	0.7	0.7	<50	23.21	990	34.43	<0.02	230.0	8.18
82N11	2005	1194	11	480157	5721762	6		2.1	4.2	0.17	<0.5	<0.5	4.2	<1	1.1	0.6	<50	16.20	345	36.08	0.05	230.0	8.22
82N11	2005	1195	11	482422	5723043	6		4.0	7.9	0.31	0.7	<0.5	8.5	2	1.2	1.1	<50	11.06	885	23.83	<0.02	276.0	8.04
82N11	2005	1196	11	483829	5723521	6		6.3	8.2	1.00	0.8	0.7	13.0	<1	2.0	1.8	<50	13.19	465	13.22	0.06	230.0	8.17
82N11	2005	1197	11	486625	5726610	6		5.6	13.4	0.46	0.8	0.8	13.0	<1	1.3	1.9	86	10.90	480	16.30	0.11	230.0	8.12
82N11	2005	1198	11	481275	5728630	6		5.5	16.7	0.47	1.1	<0.5	13.0	3	2.5	1.8	100	9.24	285	10.36	<0.02	196.0	8.13
82N11	2005	1199	11	481487	5728971	6		7.0	12.4	0.45	1.2	1.0	15.0	3	2.0	2.2	<50	11.90	1065	12.90	0.05	230.0	8.20
82N11	2005	1200	11	474519	5733048	6		4.6	10.3	0.30	0.7	0.8	9.4	<1	1.1	1.2	62	12.92	540	22.95	<0.02	276.0	7.69
82N11	2005	1202	11	474256	5733110	6		7.9	15.9	0.44	<0.5	<0.5	14.0	4	2.3	1.8	140	12.40	555	12.23	<0.02	299.0	7.60
82N11	2005	1204	11	487610	5727769	6		3.8	6.9	0.21	<0.5	<0.5	9.0	3	1.8	1.1	<50	13.46	750	27.58	<0.02	253.0	8.15
82N11	2005	1205	11	488628	5729228	6	10	4.8	7.0	0.24	<0.5	0.6	8.5	2	2.3	1.6	55	14.76	870	17.84	<0.02	242.0	8.05
82N11	2005	1206	11	488628	5729228	6	20	4.9	7.2	0.24	<0.5	0.7	8.6	<1	2.7	1.6	79	14.66	915	17.61	0.03	242.0	8.06
82N11	2005	1207	11	488831	5729071	6		6.3	10.9	0.68	1.1	<0.5	15.0	3	2.1	2.0	68	12.19	1065	10.82	0.09	230.0	8.09
82N11	2005	1208	11	494805	5727521	6		4.8	7.5	0.65	<0.5	0.6	10.0	<1	2.4	1.7	<50	14.49	1020	18.73	<0.02	276.0	8.03
82N11	2005	1209	11	495839	5727711	6		5.2	9.0	0.65	0.9	0.7	11.0	<1	2.7	1.6	<50	11.09	1590	18.49	0.02	230.0	7.77
82N11	2005	1210	11	498610	5727372	6		7.4	11.9	1.00	1.0	<0.5	16.0	<1	3.0	2.5	80	13.34	795	11.60	0.10	230.0	7.65
82N11	2005	1211	11	498695	5727080	6		3.6	6.3	0.29	<0.5	<0.5	7.0	1	1.5	1.2	<50	17.96	705	29.05	<0.02	184.0	7.89
82N11	2005	1212	11	486133	5717620	6		7.7	13.0	1.00	1.6	1.1	17.0	<1	2.7	2.4	87	13.45	630	6.75	<0.02	184.0	7.91
82N11	2005	1213	11	486371	5717558	6		8.4	12.9	0.87	<0.5	0.8	16.0	<1	2.6	2.0	70	11.11	735	8.99	<0.02	184.0	8.20
82N11	2005	1214	11	488538	5713212	6		6.4	10.8	0.81	0.9	<0.5	15.0	<1	3.1	1.9	57	12.10	705	13.31	<0.02	242.0	8.40
82N11	2005	1215	11	488313	5712931	6		7.7	12.6	0.78	1.6	1.0	16.0	<1	1.9	2.2	89	9.95	810	11.31	<0.02	449.0	8.31
82N11	2005	1216	11	490264	5711056	6		7.3	11.7	0.81	1.7	0.9	16.0	<1	2.2	2.1	73	13.38	660	30.18	<0.02	380.0	8.15
82N11	2005	1217	11	491071	5713940	6		7.5	12.2	0.82	1.3	1.1	15.0	2	2.2	2.1	<50	13.21	615	11.22	<0.02	230.0	8.13
82N11	2005	1218	11	491812	5714175	6		5.9	10.0	0.63	<0.5	0.7	13.0	<1	2.1	1.7	<50	13.59	660	18.31	<0.02	230.0	8.19
82N11	2005	1219	11	494514	5714228	6		8.0	13.9	1.06	2.2	1.1	18.0	<2	2.0	2.2	56	8.05	1275	10.27	<0.02	253.0	8.26
82N11	2005	1220	11	495477	5714642	6		7.4	12.1	1.31	<0.5	1.4	21.2	<1	2.5	2.2	69	11.61	615	17.13	<0.02	253.0	7.76
82N11	2005	1222	11	497465	5715452	6		10.5	13.5	1.00	0.8	0.9	20.0	<2	2.3	2.1	64	14.07	720	10.83	0.05	288.0	8.14
82N11	2005	1223	11	498122	5716125	1		2.1	4.2	0.20	<0.5	<0.5	5.1	2	1.4	0.8	<50	16.69	675	35.49	ns	ns	ns

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
82N11	2005	1224	11	494987	5717803	6	10	0.2	2.5	280	1.5	8	98	3	76	16	1.3	<2	4	3.63	50.9	0.28	<2	47	86
82N11	2005	1225	11	494987	5717803	6	20	<0.1	1.4	280	0.8	7	100	3	77	16	1.1	<2	4	3.74	53.1	0.29	<2	45	100
82N11	2005	1226	11	495226	5717977	6		<0.1	2.8	<50	3.4	21	14	<1	11	3	0.2	<2	<1	1.09	7.2	<0.05	<1	7	<15
82N11	2005	1227	11	499136	5716864	6		0.1	2.2	110	3.5	24	24	<1	22	6	0.2	<2	1	1.31	13.0	0.08	<1	11	25
82N11	2005	1228	11	499385	5716331	6		<0.1	1.7	370	5.0	5	100	4	83	16	1.2	<2	4	3.79	52.7	0.34	<4	44	100
82N10	2005	1229	11	502847	5717961	6		0.3	4.0	190	13.0	15	47	2	70	9	0.4	<2	2	2.12	26.0	0.14	3	18	63
82N10	2005	1231	11	502439	5718799	6		0.3	2.6	110	2.9	16	43	1	40	8	0.5	<2	2	2.12	23.0	0.15	<2	18	41
82N11	2005	1232	11	498683	5721690	6		0.1	1.8	86	3.7	23	24	1	25	5	0.3	<2	<1	1.29	13.0	0.08	<1	11	24
82N11	2005	1233	11	499601	5721860	6		<0.2	4.2	360	6.8	3	95	5	87	18	1.1	<2	4	4.18	50.2	0.34	<4	46	110
82N10	2005	1234	11	505653	5723557	6		0.2	2.8	330	2.3	11	70	1	140	11	0.9	<2	3	2.02	37.0	0.18	<1	28	51
82N10	2005	1235	11	506082	5723362	6		0.2	2.7	240	1.4	14	60	2	150	12	0.7	<2	3	2.28	32.0	0.17	<2	25	55
82N10	2005	1236	11	505578	5720911	6		0.3	4.7	340	22.0	5	82	4	96	14	0.9	<2	4	2.88	43.0	0.25	<3	37	87
82N10	2005	1237	11	504815	5721938	6		0.3	4.5	340	3.7	7	88	4	140	17	0.9	<2	4	3.70	46.0	0.29	<3	35	88
82N10	2005	1238	11	505966	5718334	6		0.2	4.1	280	1.6	11	89	3	81	16	1.0	<2	3	3.79	46.0	0.32	<3	39	91
82N10	2005	1239	11	506786	5717366	6		0.3	3.5	110	3.5	16	57	1	66	8	0.3	<2	2	1.98	33.0	0.15	<2	22	36
82N10	2005	1240	11	507499	5717562	6		<0.1	<1.3	370	39.0	1	93	7	84	16	1.2	<2	4	3.99	47.0	0.36	<4	42	96
82N10	2005	1242	11	508707	5716661	6		0.4	6.2	220	32.0	6	69	3	58	11	1.2	<2	3	3.50	35.0	0.32	<3	31	74
82N10	2005	1243	11	511112	5719567	6		<0.1	2.1	190	1.1	19	51	<1	60	8	0.6	<2	2	1.64	26.0	0.15	<2	24	42
82N10	2005	1244	11	511125	5718592	6		<0.2	3.7	390	7.9	4	88	4	70	12	0.9	<2	4	3.17	43.0	0.30	<4	38	96
82N10	2005	1245	11	511332	5719428	6		0.3	3.3	420	5.3	2	98	6	90	18	1.1	<4	5	3.99	51.1	0.41	<4	45	120
82N15	2005	1247	11	518198	5735117	6		0.2	3.7	120	3.1	16	43	<1	27	7	0.6	<2	3	1.54	22.0	0.16	2	20	35
82N15	2005	1248	11	518597	5736288	6	10	0.1	1.8	170	5.2	15	38	1	30	5	0.3	<2	2	1.50	20.0	0.12	<1	15	44
82N15	2005	1249	11	518597	5736288	6	20	<0.1	1.8	210	4.8	15	42	2	33	6	0.5	<2	2	1.64	22.0	0.13	<2	18	54
82N10	2005	1250	11	519423	5732852	6		<0.1	3.0	210	9.4	10	56	2	49	7	0.4	<2	4	1.70	27.0	0.16	<3	20	55
82N10	2005	1251	11	519706	5732614	6		<0.3	3.1	550	36.0	2	73	6	75	12	0.8	<6	4	2.93	39.0	0.31	<5	33	110
82N10	2005	1252	11	520532	5731243	6		<0.1	1.5	380	27.0	8	63	7	74	13	0.6	<2	4	2.74	32.0	0.24	<4	30	110
82N10	2005	1253	11	518263	5719127	6		<0.1	3.3	230	16.0	7	62	6	51	9	0.8	<2	3	2.52	30.0	0.20	<2	26	71
82N10	2005	1254	11	518382	5717357	1		0.3	11.0	270	10.0	4	77	4	64	12	1.1	<4	4	2.57	38.0	0.22	<4	33	62
82N10	2005	1255	11	517913	5716868	6		<0.1	4.5	310	3.2	9	73	3	59	11	0.8	<2	3	2.62	36.0	0.21	<2	33	79
82N10	2005	1256	11	516476	5714710	6		<0.1	3.0	360	2.2	6	85	3	86	15	0.8	<2	3	3.54	45.0	0.25	<2	38	110
82N10	2005	1257	11	514821	5713001	6		<0.2	2.7	430	1.3	6	99	4	91	18	0.9	<2	4	4.06	52.1	0.35	<3	43	120
82N10	2005	1258	11	515995	5708815	6		0.5	5.0	440	5.8	6	98	8	87	15	0.9	<2	3	3.49	53.8	0.24	<3	43	140
82N10	2005	1259	11	515716	5708615	6		0.3	2.5	690	0.9	4	100	5	91	16	1.2	<2	5	3.97	53.9	0.35	<3	46	130
82N10	2005	1260	11	515951	5708981	6		<0.1	<1.0	490	2.3	7	90	4	77	15	1.2	<2	5	3.45	46.0	0.31	<3	39	110
82N10	2005	1262	11	505119	5707294	6		0.2	2.5	160	3.1	17	54	<1	35	8	0.6	<2	3	1.91	28.0	0.17	<2	24	54
82N12	2005	1263	11	447860	5725765	6	10	0.3	5.0	750	2.0	2	200	16	200	20	2.6	<5	12	4.73	93.5	1.10	<5	80	150
82N12	2005	1264	11	447860	5725765	6	20	0.3	4.4	730	3.3	1	210	17	200	20	2.7	<5	13	4.80	100.0	1.20	<5	89	150
82N12	2005	1265	11	447035	5726469	6		<0.1	<1.3	490	<1.1	3	260	6	69	17	3.6	<5	13	5.18	123.0	1.50	<5	110	84
82N12	2005	1266	11	442705	5727594	6		<0.1	1.7	310	1.0	3	210	4	67	18	2.9	<4	14	3.95	103.0	0.85	<4	86	64
82N12	2005	1267	11	444344	5727887	6		<0.2	<1.7	430	1.7	<1	431	7	69	13	4.6	<6	25	3.66	199.0	2.50	<8	180	120

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
82N11	2005	1224	11	494987	5717803	6	10	6.7	10.7	0.69	1.2	1.0	13.0	<1	1.4	1.7	54	12.17	660	16.24	0.05	207.0	8.16
82N11	2005	1225	11	494987	5717803	6	20	7.0	11.0	0.72	0.7	0.8	14.0	2	1.9	1.9	65	14.74	660	16.17	0.08	207.0	8.17
82N11	2005	1226	11	495226	5717977	6		1.1	1.8	0.13	<0.5	<0.5	2.2	<1	1.1	0.3	<50	20.78	225	40.26	0.08	207.0	8.17
82N11	2005	1227	11	499136	5716864	6		1.6	3.5	0.14	<0.5	<0.5	3.8	<1	0.9	0.5	<50	15.49	495	37.89	0.02	207.0	8.17
82N11	2005	1228	11	499385	5716331	6		6.9	11.7	0.76	1.4	<0.5	15.0	<2	2.3	2.1	<50	11.59	810	14.36	0.02	242.0	8.28
82N10	2005	1229	11	502847	5717961	6		2.8	6.4	0.29	0.7	0.6	6.7	<1	1.9	0.9	<50	11.41	1005	30.07	0.02	230.0	8.27
82N10	2005	1231	11	502439	5718799	6		3.1	5.3	0.30	<0.5	<0.5	6.4	<1	1.2	0.9	<50	18.34	420	30.38	0.04	219.0	8.24
82N11	2005	1232	11	498683	5721690	6		1.7	3.6	0.17	<0.5	<0.5	3.6	<1	0.8	0.6	<50	18.34	480	36.95	0.07	150.0	8.15
82N11	2005	1233	11	499601	5721860	6		6.8	12.7	0.76	1.5	1.1	15.0	<2	2.6	2.2	75	10.50	1035	11.76	0.04	219.0	8.20
82N10	2005	1234	11	505653	5723557	6		4.0	7.7	0.49	2.0	0.6	10.0	<1	1.8	1.1	<50	20.47	960	24.16	<0.02	173.0	8.02
82N10	2005	1235	11	506082	5723362	6		3.6	7.3	0.41	1.1	<0.5	8.4	2	1.6	1.1	<50	19.33	420	26.80	0.02	196.0	8.03
82N10	2005	1236	11	505578	5720911	6		5.1	10.2	0.58	1.3	<0.5	12.0	<2	2.3	1.6	<50	10.40	1380	17.86	0.06	265.0	8.15
82N10	2005	1237	11	504815	5721938	6		5.7	11.1	0.72	1.8	0.7	13.0	2	2.0	1.7	89	15.86	705	17.09	<0.02	230.0	8.15
82N10	2005	1238	11	505966	5718334	6		6.4	11.1	0.58	0.8	1.1	13.0	<1	2.1	2.0	<50	15.92	675	17.58	<0.02	253.0	8.26
82N10	2005	1239	11	506786	5717366	6		2.9	5.5	0.38	0.9	<0.5	6.6	2	1.5	0.9	<50	17.50	345	32.44	0.02	219.0	8.25
82N10	2005	1240	11	507499	5717562	6		6.4	12.3	0.80	<0.5	0.8	13.0	<3	2.5	2.2	57	8.05	825	22.12	<0.02	242.0	8.27
82N10	2005	1242	11	508707	5716661	6		5.1	9.4	0.42	0.7	0.7	10.0	<1	2.1	1.8	<50	11.05	1065	28.27	<0.02	230.0	8.18
82N10	2005	1243	11	511112	5719567	6		3.4	5.2	0.36	<0.5	<0.5	6.7	<1	1.4	1.0	<50	18.03	480	29.82	0.05	299.0	8.10
82N10	2005	1244	11	511125	5718592	6		5.6	10.7	0.72	0.7	0.9	13.0	3	2.5	1.8	<50	8.59	1050	16.60	<0.02	219.0	8.05
82N10	2005	1245	11	511332	5719428	6		6.9	12.9	1.00	0.9	<0.5	15.0	<3	3.0	2.4	83	10.47	1170	10.07	0.05	288.0	8.15
82N15	2005	1247	11	518198	5735117	6		3.1	4.6	0.22	0.6	<0.5	6.2	<1	1.5	1.0	<50	17.05	480	29.57	<0.02	230.0	8.17
82N15	2005	1248	11	518597	5736288	6	10	2.5	4.1	0.13	<0.5	<0.5	5.4	1	1.1	0.7	<50	21.44	480	33.40	<0.02	230.0	8.16
82N15	2005	1249	11	518597	5736288	6	20	2.8	4.7	0.17	0.5	<0.5	6.1	<1	1.2	0.8	<50	19.65	600	31.72	<0.02	253.0	8.15
82N10	2005	1250	11	519423	5732852	6		3.6	5.6	0.19	0.5	<0.5	7.8	<1	1.6	1.1	<50	13.94	855	16.62	<0.02	253.0	8.16
82N10	2005	1251	11	519706	5732614	6		4.9	11.4	0.52	<0.5	<0.5	12.0	<3	4.3	1.9	54	6.50	1770	26.27	<0.02	368.0	8.03
82N10	2005	1252	11	520532	5731243	6		4.3	10.0	0.43	<0.5	<0.5	12.0	<3	2.0	1.8	59	10.89	1935	23.35	0.05	828.0	8.16
82N10	2005	1253	11	518263	5719127	6		3.9	7.0	0.48	<0.5	<0.5	8.2	<2	2.5	1.3	<50	12.37	855	20.72	<0.02	322.0	8.40
82N10	2005	1254	11	518382	5717357	1		5.0	9.3	0.22	0.9	<0.5	12.0	<2	2.6	1.5	<50	8.06	1260	23.01	ns	ns	ns
82N10	2005	1255	11	517913	5716868	6		4.8	8.2	0.44	<0.5	0.6	11.0	<1	1.8	1.3	<50	11.73	915	16.50	<0.02	276.0	8.23
82N10	2005	1256	11	516476	5714710	6		5.4	11.2	0.37	1.0	<0.5	14.0	3	2.0	1.5	57	12.48	1080	13.12	0.07	288.0	8.29
82N10	2005	1257	11	514821	5713001	6		6.7	13.4	0.77	1.3	0.8	15.0	<2	2.2	2.2	69	12.43	1020	12.64	<0.02	322.0	8.27
82N10	2005	1258	11	515995	5708815	6		5.8	12.4	0.56	0.7	<0.5	13.0	4	2.4	1.4	85	11.13	1605	14.54	0.12	357.0	8.45
82N10	2005	1259	11	515716	5708615	6		6.9	12.0	0.88	1.3	0.6	17.0	3	2.5	2.2	89	13.34	855	9.48	0.06	242.0	8.24
82N10	2005	1260	11	515951	5708981	6		6.1	10.7	0.77	1.2	0.7	13.0	3	2.4	1.8	56	13.08	975	14.40	0.08	299.0	8.27
82N10	2005	1262	11	505119	5707294	6		3.7	5.4	0.39	<0.5	<0.5	8.6	<1	1.6	1.1	<50	14.17	495	28.16	0.04	242.0	8.26
82N12	2005	1263	11	447860	5725765	6	10	15.1	14.5	1.77	2.7	2.0	29.2	5	6.8	7.0	53	15.34	465	2.53	<0.02	426.0	6.62
82N12	2005	1264	11	447860	5725765	6	20	16.5	14.5	1.75	2.6	2.3	31.4	<3	7.1	7.4	<50	13.39	570	2.79	<0.02	483.0	7.13
82N12	2005	1265	11	447035	5726469	6		21.5	17.3	1.57	2.4	3.1	39.0	3	10.0	9.5	<50	19.80	285	1.89	<0.02	138.0	7.73
82N12	2005	1266	11	442705	5727594	6		15.8	11.6	1.06	2.1	2.0	31.7	6	8.0	5.2	<50	22.04	180	2.78	<0.02	161.0	7.71
82N12	2005	1267	11	444344	5727887	6		34.4	13.9	2.59	1.7	4.9	67.7	4	16.0	15.0	<50	15.55	345	1.99	0.02	88.6	7.06

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
82N12	2005	1268	11	442572	5727812	6		<0.1	<1.0	530	<0.5	4	68	1	90	17	1.2	<2	5	3.69	34.0	0.35	<2	33	54
82N12	2005	1269	11	431673	5728551	6		<0.1	<1.3	570	<1.1	4	120	2	120	23	1.9	<5	9	5.62	61.1	0.48	<3	52	90
82N12	2005	1270	11	431872	5728038	6		<0.1	<1.2	340	<0.5	<1	160	2	78	12	1.9	<4	12	4.70	79.3	0.56	<4	64	53
82N12	2005	1271	11	430737	5712271	6		<0.1	2.5	290	1.3	<1	150	4	77	16	1.9	<5	12	4.16	73.6	0.80	<4	65	100
82N12	2005	1272	11	431654	5710619	6		0.3	3.7	240	<0.5	<1	160	1	42	10	2.0	<2	29	2.72	73.0	0.83	<3	65	41
82N12	2005	1273	11	432023	5710571	6		<0.1	<1.4	140	<1.1	2	150	<1	160	19	3.1	<5	12	8.62	72.6	0.60	<3	69	31
82N05	2005	1275	11	435153	5703027	6		0.3	4.1	450	<1.2	<1	180	4	63	17	2.1	<5	18	3.32	83.4	0.81	<5	75	90
82N05	2005	1276	11	434958	5703183	6		0.5	8.6	230	0.9	<1	140	2	47	16	1.8	<2	22	3.28	64.1	0.69	<4	57	61
82N05	2005	1277	11	437682	5705640	6		0.4	3.4	270	<1.0	1	130	2	310	21	2.8	<5	15	8.52	63.1	0.62	<3	63	31
82N05	2005	1278	11	438424	5705420	6		0.6	6.9	330	1.1	<1	170	4	84	17	2.2	<5	13	4.19	82.9	0.68	<4	75	87
82N12	2005	1279	11	445687	5708085	6		<0.1	1.9	420	<0.5	<1	120	4	100	18	1.5	<4	12	4.05	60.2	0.61	<4	54	100
82N12	2005	1280	11	445462	5706670	6		0.6	2.5	200	0.9	<1	110	1	39	6	1.2	<2	14	1.82	50.8	0.48	<3	41	41
82N12	2005	1282	11	445617	5706654	6		0.5	3.3	160	1.1	<1	110	1	38	7	1.7	<2	15	2.23	54.0	0.54	<3	47	51
82N12	2005	1283	11	448356	5715098	6		0.2	<0.5	590	2.0	1	110	4	81	14	1.3	<2	7	2.88	53.1	0.42	<3	44	93
82N12	2005	1284	11	447078	5713161	6	10	0.2	3.0	360	1.7	<1	130	5	80	16	1.3	<2	11	3.58	65.3	0.48	<4	53	59
82N12	2005	1285	11	447078	5713161	6	20	<0.2	3.1	430	2.0	<1	130	6	84	15	1.5	<4	11	3.81	64.1	0.48	<4	50	75
82N12	2005	1286	11	448927	5716872	6		<0.1	<0.5	490	4.8	2	100	15	75	16	1.7	<2	7	3.92	48.0	0.63	<4	46	110
82N12	2005	1287	11	452923	5717775	6		0.3	4.5	410	7.8	<1	89	16	76	24	1.5	<5	6	5.21	41.0	0.53	<4	42	140
82N12	2005	1288	11	453218	5717782	6		<0.1	<0.5	420	<0.5	1	90	5	51	11	1.2	<2	7	2.72	42.0	0.70	<3	39	81
82N12	2005	1290	11	453076	5718582	6		0.2	5.3	350	23.0	<1	88	4	62	15	1.3	<2	7	3.42	43.0	0.39	<3	39	53
82N01	2005	1291	11	545412	5664278	1		0.3	1.9	800	2.9	<1	110	5	95	19	1.2	<2	5	3.92	52.9	0.39	<3	40	140
82N01	2005	1292	11	544855	5664237	1		0.6	6.4	700	9.3	3	150	4	92	24	3.0	<5	4	4.46	73.8	0.51	<5	72	81
82N01	2005	1293	11	545073	5665455	6		0.6	8.4	200	5.4	23	51	2	27	7	0.6	<2	2	1.38	27.0	0.14	<1	19	21
82N01	2005	1294	11	545755	5665471	1		0.4	6.4	490	9.5	<1	110	5	87	16	1.5	<4	4	3.99	60.4	0.32	<3	46	120
82N01	2005	1295	11	545622	5666599	1		0.4	6.1	310	3.4	11	83	2	61	13	1.1	<2	3	2.80	46.0	0.25	<3	34	80
82N01	2005	1296	11	545429	5666958	6		0.8	11.0	350	61.1	11	75	2	49	13	0.9	<4	3	2.55	39.0	0.26	<4	30	54
82N01	2005	1297	11	545324	5667097	6		0.7	15.0	500	7.4	12	394	2	41	50	8.2	<7	19	11.30	178.0	0.66	<6	180	59
82N01	2005	1298	11	547609	5661845	6		<0.1	<1.2	500	6.1	6	86	4	76	11	0.7	<4	3	3.39	45.0	0.28	<4	36	110
82N01	2005	1299	11	547076	5659349	6		<0.3	3.7	450	10.0	3	120	4	86	14	1.2	<4	5	3.85	61.0	0.28	<5	50	100
82N01	2005	1300	11	548441	5662791	6		<0.2	4.7	510	5.4	2	110	5	93	18	1.2	<4	4	4.19	58.9	0.31	<3	47	130
82N01	2005	1302	11	549538	5663613	1		<0.1	2.8	430	1.0	7	94	4	86	17	1.0	<2	3	3.65	50.8	0.26	<2	43	98
82N01	2005	1303	11	549744	5664754	6	10	0.3	4.0	130	1.9	18	54	1	37	7	0.7	<2	2	1.70	30.0	0.14	<2	21	36
82N01	2005	1304	11	549744	5664754	6	20	0.3	4.2	140	1.4	19	52	<1	39	7	0.5	<2	2	1.73	29.0	0.14	<2	19	50
82N01	2005	1305	11	553240	5655339	6		<0.3	13.0	400	11.0	2	95	5	86	14	0.9	<2	4	3.82	51.9	0.28	<4	40	95
82N01	2005	1306	11	553550	5655357	6		0.3	10.0	280	6.8	11	66	4	51	10	0.7	<2	3	2.61	36.0	0.21	<2	31	64
82N01	2005	1307	11	554067	5654542	6		0.3	3.1	350	5.7	2	100	5	94	16	1.2	<5	4	4.17	55.7	0.30	<3	43	87
82N01	2005	1308	11	554081	5654746	6		0.8	17.0	300	19.0	4	80	9	78	13	0.8	<2	3	3.24	43.0	0.27	<4	38	83
82N01	2005	1309	11	557601	5652525	6		0.6	8.9	190	14.0	12	53	4	49	8	0.6	<2	3	2.18	27.0	0.18	<2	23	51
82N01	2005	1310	11	557963	5652439	6		0.3	7.2	350	4.7	7	85	4	80	15	0.9	6	3	3.68	46.0	0.24	<2	41	88
82N01	2005	1311	11	556785	5651398	6		0.3	4.7	380	10.0	4	94	5	82	12	1.3	<4	4	3.67	51.1	0.26	<3	44	86

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
82N12	2005	1268	11	442572	5727812	6		5.7	14.1	1.37	<0.5	0.6	8.0	<2	2.2	2.1	<50	20.02	150	3.59	0.02	148.0	7.74
82N12	2005	1269	11	431673	5728551	6		10.0	20.8	1.50	1.3	0.9	17.0	<3	4.3	2.9	<50	21.01	360	1.99	<0.02	73.8	7.76
82N12	2005	1270	11	431872	5728038	6		11.2	11.4	0.87	3.3	1.1	21.9	<3	4.4	3.3	<50	18.84	240	1.10	<0.02	46.7	7.28
82N12	2005	1271	11	430737	5712271	6		11.6	10.1	0.69	2.0	1.4	21.3	<3	4.6	4.8	<50	12.36	300	3.19	<0.02	283.0	8.28
82N12	2005	1272	11	431654	5710619	6		11.5	5.1	0.67	2.0	1.7	19.0	<1	4.6	4.9	<50	22.26	150	1.10	<0.02	93.5	7.71
82N12	2005	1273	11	432023	5710571	6		13.1	18.7	1.07	2.1	1.6	14.0	4	3.6	3.7	<50	22.94	255	2.58	<0.02	93.5	7.70
82N05	2005	1275	11	435153	5703027	6		12.9	9.5	1.07	1.8	1.4	20.6	<3	5.4	5.0	<50	13.51	330	9.18	<0.02	148.0	7.52
82N05	2005	1276	11	434958	5703183	6		10.0	6.5	0.68	2.1	1.1	17.0	<2	3.9	4.1	<50	17.93	165	3.87	<0.02	71.3	7.42
82N05	2005	1277	11	437682	5705640	6		12.0	18.4	1.03	1.5	1.6	16.0	<2	4.2	3.9	<50	14.75	270	2.67	<0.02	56.6	7.38
82N05	2005	1278	11	438424	5705420	6		13.0	10.0	0.47	1.2	1.3	21.7	2	4.4	4.0	<50	13.00	315	3.84	<0.02	113.0	7.50
82N12	2005	1279	11	445687	5708085	6		8.6	11.5	0.57	1.0	<0.5	17.0	<1	4.3	3.5	55	14.73	420	2.83	<0.02	60.3	7.24
82N12	2005	1280	11	445462	5706670	6		7.6	3.7	0.21	0.9	1.0	15.0	2	3.3	2.8	<50	16.71	75	1.20	<0.02	40.6	6.93
82N12	2005	1282	11	445617	5706654	6		8.6	4.6	0.33	1.0	1.2	14.0	1	3.8	3.2	<50	18.51	195	1.10	<0.02	65.2	7.26
82N12	2005	1283	11	448356	5715098	6		8.0	10.1	0.77	0.8	0.9	14.0	2	4.0	2.6	<50	15.29	525	3.09	<0.02	197.0	7.90
82N12	2005	1284	11	447078	5713161	6	10	9.3	10.0	0.64	1.2	1.0	18.0	3	4.6	2.9	<50	15.37	510	3.10	<0.02	135.0	7.72
82N12	2005	1285	11	447078	5713161	6	20	9.0	10.4	0.66	1.7	<0.5	18.0	2	4.9	2.8	<50	13.62	570	3.10	<0.02	135.0	7.76
82N12	2005	1286	11	448927	5716872	6		8.6	13.1	1.09	1.0	1.3	14.0	4	5.0	4.0	83	14.52	675	5.03	<0.02	135.0	7.72
82N12	2005	1287	11	452923	5717775	6		8.0	18.6	1.39	0.9	1.1	10.0	6	6.4	3.4	82	13.17	555	7.21	<0.02	95.9	7.15
82N12	2005	1288	11	453218	5717782	6		7.5	10.4	1.39	1.4	1.1	11.0	2	3.4	4.2	<50	17.83	300	4.59	<0.02	106.0	7.41
82N12	2005	1290	11	453076	5718582	6		7.0	10.0	0.82	1.8	1.1	11.0	2	3.4	2.6	<50	13.70	660	5.60	<0.02	234.0	8.04
82N01	2005	1291	11	545412	5664278	1		7.1	13.6	1.14	1.0	0.9	18.0	<2	2.0	2.2	59	10.42	945	7.10	ns	ns	ns
82N01	2005	1292	11	544855	5664237	1		13.1	15.4	1.70	2.1	1.9	45.4	4	2.6	3.3	78	13.20	1050	9.99	ns	ns	ns
82N01	2005	1293	11	545073	5665455	6		3.3	3.6	0.49	0.9	0.6	10.0	<1	1.0	0.8	<50	13.83	615	33.63	<0.02	234.0	8.36
82N01	2005	1294	11	545755	5665471	1		6.9	12.6	1.06	<1.0	1.2	18.0	<2	2.9	2.1	87	9.18	1050	13.64	ns	ns	ns
82N01	2005	1295	11	545622	5666599	1		5.4	8.3	0.84	2.1	<0.5	14.0	<1	2.1	1.7	<50	13.38	570	21.56	ns	ns	ns
82N01	2005	1296	11	545429	5666958	6		5.2	8.3	0.67	<0.5	<0.5	11.0	<2	2.8	1.4	<50	8.95	570	28.90	0.03	197.0	8.24
82N01	2005	1297	11	545324	5667097	6		31.4	25.1	1.00	14.0	2.9	30.0	4	5.6	4.5	<50	21.08	1440	3.18	0.13	172.0	8.02
82N01	2005	1298	11	547609	5661845	6		5.7	11.7	0.80	0.9	<0.5	14.0	<3	<1.3	1.9	<50	9.75	615	15.68	<0.02	234.0	8.04
82N01	2005	1299	11	547076	5659349	6		7.9	10.8	1.00	2.4	1.2	15.0	<3	1.7	1.9	72	10.53	705	11.50	0.05	308.0	8.29
82N01	2005	1300	11	548441	5662791	6		7.3	13.3	1.02	<0.5	1.0	18.0	<2	2.0	2.0	87	11.96	735	8.79	<0.02	258.0	8.14
82N01	2005	1302	11	549538	5663613	1		6.0	11.2	0.83	<0.5	0.7	14.0	2	2.2	1.8	60	13.84	675	13.39	ns	ns	ns
82N01	2005	1303	11	549744	5664754	6	10	3.2	4.9	0.58	<0.5	<0.5	7.2	<1	1.5	0.9	<50	19.13	405	29.30	0.04	172.0	8.10
82N01	2005	1304	11	549744	5664754	6	20	3.3	5.2	0.62	0.8	0.7	7.3	<1	1.6	0.9	<50	15.79	420	28.97	0.04	172.0	8.09
82N01	2005	1305	11	553240	5655339	6		6.3	11.5	0.86	<0.5	<0.5	14.0	<2	2.3	1.6	59	7.61	840	14.76	0.04	369.0	8.19
82N01	2005	1306	11	553550	5655357	6		4.3	7.6	0.59	<0.5	0.7	9.3	<1	2.1	1.3	54	12.18	855	22.82	0.05	234.0	8.10
82N01	2005	1307	11	554067	5654542	6		6.6	12.8	0.90	1.2	<0.5	14.0	<2	1.8	1.9	80	8.22	735	11.84	0.02	344.0	8.27
82N01	2005	1308	11	554081	5654746	6		5.4	10.8	0.71	<0.5	0.7	12.0	<2	2.4	1.7	53	9.69	1005	18.57	0.04	246.0	8.04
82N01	2005	1309	11	557601	5652525	6		3.4	6.5	0.46	0.6	<0.5	8.3	<1	2.0	1.1	<50	11.62	960	26.98	0.04	246.0	8.19
82N01	2005	1310	11	557963	5652439	6		5.7	10.6	0.72	1.5	0.9	13.0	3	1.4	1.7	70	12.22	690	15.77	0.05	209.0	7.98
82N01	2005	1311	11	556785	5651398	6		6.1	11.2	0.79	1.0	<0.5	13.0	<2	1.3	1.7	54	10.00	780	16.06	<0.02	332.0	8.13

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
82N02	2005	1313	11	529707	5651814	6		2.7	3.0	510	6.7	8	67	3	53	9	0.8	7	5	2.55	34.0	0.26	<2	35	72
82N02	2005	1314	11	518700	5652863	6		0.7	5.9	270	17.0	<1	160	2	88	11	2.0	110	20	3.27	75.5	0.59	<4	71	61
82N02	2005	1315	11	514301	5650383	6		1.5	11.0	640	37.0	<1	79	14	88	12	1.7	8	10	3.42	42.0	0.50	6	43	81
82N02	2005	1316	11	504026	5652538	6		2.5	23.0	530	12.0	<1	160	6	150	19	2.1	9	8	4.34	81.9	0.55	<5	70	110
82N02	2005	1317	11	502979	5652128	6		1.6	71.9	360	<1.1	<1	250	4	110	18	3.3	<5	12	5.33	130.0	0.61	<5	110	74
82N02	2005	1318	11	503342	5651968	6		0.8	11.0	680	12.0	<1	140	4	130	16	2.0	<6	9	4.78	72.5	0.54	9	63	160
82N02	2005	1319	11	500494	5655207	6		1.5	39.0	780	19.0	<1	130	5	110	17	1.5	<6	10	3.90	64.7	0.52	<7	58	130
82N03	2005	1320	11	498368	5654691	6		0.8	15.0	470	2.8	<1	170	5	140	29	2.1	357	16	5.95	85.2	0.72	6	75	110
82N03	2005	1322	11	499111	5654428	6	10	0.6	8.7	570	13.0	<1	140	4	140	18	1.3	<7	13	4.93	69.6	0.63	9	61	120
82N03	2005	1323	11	499111	5654428	6	20	0.3	6.4	560	11.0	<1	150	4	140	17	2.0	<2	15	4.82	75.8	0.59	<5	53	110
82N03	2005	1324	11	496672	5653697	6		0.9	88.3	450	38.0	<1	140	4	97	14	1.8	<5	15	3.46	72.8	0.55	<9	54	78
82N03	2005	1326	11	497865	5653723	6		2.1	26.0	440	3.1	<1	230	4	140	19	3.1	<2	18	5.54	120.0	0.72	<5	90	88
82N03	2005	1327	11	494556	5651729	6		0.9	50.0	620	0.9	<1	190	8	140	22	2.5	<5	13	5.50	99.0	0.63	<4	69	120
82N03	2005	1328	11	494926	5652720	6		1.9	65.0	510	6.3	<1	170	6	120	19	2.1	<4	9	5.18	91.3	0.53	<5	68	85
82N03	2005	1329	11	492472	5651388	6		1.4	104.0	490	4.6	<1	220	9	130	20	3.3	150	12	5.43	115.0	0.59	<5	85	92
82N03	2005	1330	11	493671	5651309	6		0.4	37.0	600	10.0	<1	160	13	120	17	1.9	<4	9	4.96	86.0	0.49	<4	66	120
82N03	2005	1331	11	491688	5650331	6		0.7	9.2	320	<0.5	<1	200	2	93	17	2.6	40	15	4.16	103.0	0.66	<3	73	72
82N03	2005	1332	11	491994	5650406	6		0.5	15.0	600	3.4	<1	160	6	110	18	2.2	<2	8	4.35	84.3	0.55	<4	63	130
82N03	2005	1333	11	477992	5651228	6		<0.1	2.7	720	0.7	6	130	4	60	13	1.2	<2	7	3.19	68.0	0.37	<4	43	110
82N03	2005	1334	11	478101	5650712	6		<0.1	0.9	770	6.7	1	130	17	37	9	1.7	<2	7	2.55	71.1	0.43	<15	48	190
82N03	2005	1335	11	483496	5653366	6		0.6	13.0	490	1.4	<1	210	4	110	15	2.8	<4	20	4.41	112.0	0.77	<4	78	91
82N03	2005	1336	11	483080	5654208	6		0.8	21.0	340	8.7	<1	140	3	100	17	1.9	13	14	4.50	76.0	0.57	<4	57	68
82N02	2005	1337	11	502744	5669564	6		0.7	5.3	570	36.0	<1	92	7	83	11	1.3	<2	9	3.32	43.0	0.42	<4	39	120
82N02	2005	1338	11	501629	5669622	6		0.8	10.0	2100	4.9	<1	130	6	120	14	1.5	<2	8	4.29	65.5	0.36	<4	50	130
82N02	2005	1339	11	501190	5668454	6		1.1	8.0	1000	11.0	<1	120	5	96	16	1.1	<2	11	4.19	59.0	0.43	<4	46	130
82N02	2005	1340	11	501653	5668421	6		0.6	4.9	490	90.2	<1	78	12	74	28	1.4	<2	9	3.14	37.0	0.45	<5	30	110
82N07	2005	1342	11	500891	5691670	6		0.1	1.2	200	25.0	2	25	1	26	3	0.3	<2	2	0.88	13.0	0.07	<1	12	18
82N07	2005	1343	11	500060	5694082	6		0.2	4.9	410	<0.5	10	76	3	64	12	0.8	<2	4	2.75	40.0	0.22	<3	32	84
82N07	2005	1344	11	501744	5698884	6		0.4	2.4	390	<0.5	6	140	5	90	16	1.5	<5	3	4.19	74.7	0.27	<4	58	120
82N07	2005	1345	11	501139	5697425	6	10	0.3	3.9	400	0.7	10	83	2	68	13	1.0	<2	3	2.90	44.0	0.24	<3	36	83
82N07	2005	1346	11	501139	5697425	6	20	0.2	3.4	400	<0.5	10	82	2	66	11	1.2	<2	3	2.93	44.0	0.21	<2	32	84
82N06	2005	1347	11	498694	5700890	6		1.5	12.0	340	4.5	12	91	3	67	14	1.1	<2	3	2.91	50.1	0.25	<3	36	67
82N06	2005	1348	11	493961	5702409	6		2.9	10.0	280	1.9	13	84	3	71	13	0.9	<2	3	2.90	46.0	0.21	<2	39	66
82N06	2005	1349	11	491243	5704706	6		0.2	1.9	370	23.0	5	91	4	60	10	1.5	<2	4	2.59	50.0	0.25	<3	36	57
82N07	2005	1350	11	502912	5704874	6		0.3	3.6	330	4.7	8	100	3	78	14	0.7	<2	3	3.54	55.9	0.25	<3	42	87
82N07	2005	1351	11	502610	5703845	6		0.2	3.0	380	<0.5	10	110	4	76	13	1.1	<2	4	3.39	59.0	0.25	<3	39	110
82N07	2005	1352	11	504784	5701162	6		0.2	2.7	300	0.9	11	110	4	71	14	1.5	<2	4	3.63	55.9	0.27	<3	44	78
82N07	2005	1353	11	506606	5699853	6		0.2	2.3	360	1.0	10	110	4	82	16	1.4	<2	4	3.86	59.1	0.28	<2	44	94
82N07	2005	1355	11	508075	5698536	6		0.4	3.1	410	<0.5	6	110	5	94	20	1.4	<2	4	4.29	62.2	0.33	<3	44	120
82N07	2005	1356	11	506655	5699038	6		0.4	3.9	340	3.4	7	100	3	83	13	1.2	<2	4	3.46	55.4	0.25	<2	41	100

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
82N02	2005	1313	11	529707	5651814	6		4.8	8.4	0.64	0.8	<0.5	10.0	<1	1.8	1.5	<50	10.80	795	18.43	0.09	554.0	8.11
82N02	2005	1314	11	518700	5652863	6		11.8	7.9	0.66	1.2	0.8	15.0	4	3.2	3.4	<50	15.99	375	9.25	0.02	283.0	8.14
82N02	2005	1315	11	514301	5650383	6		7.9	12.3	0.78	1.1	0.8	15.0	6	4.8	3.0	<50	9.23	390	24.60	<0.02	209.0	8.06
82N02	2005	1316	11	504026	5652538	6		10.8	16.3	0.83	<0.5	1.1	20.2	<3	6.2	3.3	53	10.20	630	10.27	<0.02	105.0	7.83
82N02	2005	1317	11	502979	5652128	6		17.4	11.8	1.00	1.0	1.3	24.2	3	4.0	3.9	56	19.40	390	4.08	<0.02	148.0	7.40
82N02	2005	1318	11	503342	5651968	6		10.0	15.4	0.75	2.7	1.2	19.0	<3	21.0	3.3	<50	8.30	615	10.58	<0.02	86.1	7.45
82N02	2005	1319	11	500494	5655207	6		8.7	13.1	0.78	<0.5	<0.5	18.0	7	15.0	3.1	<50	8.57	600	10.27	<0.02	135.0	7.26
82N03	2005	1320	11	498368	5654691	6		11.7	15.1	0.60	0.9	1.4	18.0	4	4.8	4.3	88	14.28	555	6.99	<0.02	221.0	7.40
82N03	2005	1322	11	499111	5654428	6	10	10.0	15.1	0.65	<1.0	1.4	18.0	<4	13.0	3.6	55	9.66	660	9.84	<0.02	172.0	7.55
82N03	2005	1323	11	499111	5654428	6	20	10.5	14.7	0.61	1.1	1.6	18.0	1	12.0	4.2	<50	11.03	690	9.54	<0.02	172.0	7.35
82N03	2005	1324	11	496672	5653697	6		10.0	10.7	0.84	1.4	1.3	16.0	3	22.0	3.8	<50	7.84	465	16.68	<0.02	64.0	7.13
82N03	2005	1326	11	497865	5653723	6		15.8	15.1	0.85	1.7	1.6	26.1	3	7.0	5.2	<50	13.47	510	4.98	<0.02	160.0	7.43
82N03	2005	1327	11	494556	5651729	6		13.2	16.8	0.70	1.3	1.8	23.6	2	6.2	4.3	<50	10.66	585	5.68	<0.02	160.0	7.65
82N03	2005	1328	11	494926	5652720	6		12.0	14.2	0.81	2.1	0.9	20.3	2	7.9	3.7	<50	11.05	465	6.21	<0.02	60.3	7.50
82N03	2005	1329	11	492472	5651388	6		15.2	15.2	0.68	<0.5	1.2	23.3	3	6.9	4.2	<50	11.83	465	5.78	<0.02	98.4	7.21
82N03	2005	1330	11	493671	5651309	6		11.5	15.1	0.75	1.7	1.6	19.0	2	4.7	3.4	<50	8.87	705	10.47	<0.02	39.4	6.87
82N03	2005	1331	11	491688	5650331	6		14.7	9.2	1.32	1.0	1.7	20.9	3	4.2	4.6	<50	16.52	405	3.39	<0.02	112.0	7.61
82N03	2005	1332	11	491994	5650406	6		11.8	13.6	0.73	<0.5	1.6	18.0	1	6.0	3.9	<50	11.32	720	4.88	<0.02	135.0	7.61
82N03	2005	1333	11	477992	5651228	6		7.7	8.7	1.00	3.1	0.6	20.6	4	6.3	2.5	<50	16.82	525	6.90	0.02	135.0	7.83
82N03	2005	1334	11	478101	5650712	6		7.1	8.7	1.79	6.2	1.0	32.5	11	45.0	3.3	<50	10.80	1380	7.28	<0.02	30.8	6.89
82N03	2005	1335	11	483496	5653366	6		14.9	12.4	0.95	1.2	1.5	21.8	2	5.9	5.5	<50	17.36	495	3.38	<0.02	61.5	7.31
82N03	2005	1336	11	483080	5654208	6		10.3	11.0	0.90	1.7	1.2	18.0	2	5.1	3.9	58	12.59	345	7.83	<0.02	91.0	7.54
82N02	2005	1337	11	502744	5669564	6		6.9	12.0	0.26	0.9	1.0	13.0	1	4.9	3.0	<50	8.81	1290	20.69	<0.02	271.0	8.13
82N02	2005	1338	11	501629	5669622	6		8.3	14.5	0.57	<0.5	<0.5	17.0	1	4.5	2.6	63	13.36	765	6.29	0.04	221.0	7.86
82N02	2005	1339	11	501190	5668454	6		8.3	13.0	0.49	0.7	1.0	17.0	<1	4.0	2.9	<50	11.68	735	8.30	0.02	221.0	8.01
82N02	2005	1340	11	501653	5668421	6		7.2	11.7	0.25	1.3	1.2	13.0	2	9.3	3.1	<50	8.90	840	21.95	0.02	271.0	7.91
82N07	2005	1342	11	500891	5691670	6		1.4	2.6	0.24	0.6	<0.5	3.0	<1	1.0	0.4	<50	11.34	360	11.40	0.05	357.0	8.01
82N07	2005	1343	11	500060	5694082	6		5.0	8.9	0.60	<0.5	0.7	11.0	<1	1.9	1.4	<50	9.88	705	14.74	0.05	517.0	8.26
82N07	2005	1344	11	501744	5698884	6		9.3	13.1	0.77	<0.5	0.9	17.0	2	2.1	2.0	57	10.44	675	12.43	0.14	554.0	8.35
82N07	2005	1345	11	501139	5697425	6	10	5.8	9.2	0.65	<0.5	<0.5	12.0	<1	1.3	1.5	<50	12.77	615	16.00	0.05	344.0	8.34
82N07	2005	1346	11	501139	5697425	6	20	5.7	9.1	0.65	1.2	<0.5	12.0	1	1.0	1.5	<50	13.84	600	16.14	0.05	344.0	8.04
82N06	2005	1347	11	498694	5700890	6		5.9	10.1	0.57	0.7	0.8	13.0	1	1.5	1.8	<50	9.57	750	19.40	0.07	344.0	8.34
82N06	2005	1348	11	493961	5702409	6		5.1	9.1	0.45	<0.5	0.5	12.0	2	1.4	1.3	<50	10.65	855	21.22	0.11	344.0	8.01
82N06	2005	1349	11	491243	5704706	6		5.9	8.4	0.66	0.9	<0.5	11.0	2	1.2	1.6	<50	7.48	780	24.98	0.08	443.0	8.24
82N07	2005	1350	11	502912	5704874	6		6.7	11.2	0.81	1.0	<0.5	15.0	1	2.2	2.0	<50	9.45	810	16.09	0.18	344.0	8.01
82N07	2005	1351	11	502610	5703845	6		7.1	11.0	0.90	0.8	<0.5	16.0	1	1.4	1.9	59	10.96	840	17.45	0.07	308.0	8.33
82N07	2005	1352	11	504784	5701162	6		7.2	10.6	0.91	0.8	<0.5	15.0	<1	1.4	1.9	<50	12.11	690	16.45	0.10	332.0	8.27
82N07	2005	1353	11	506606	5699853	6		7.8	11.6	0.94	1.4	0.7	17.0	2	1.7	2.0	51	12.38	765	15.67	0.02	308.0	8.41
82N07	2005	1355	11	508075	5698536	6		9.2	14.5	1.22	1.8	1.2	22.5	3	1.8	2.4	<50	12.61	795	11.18	<0.02	283.0	8.17
82N07	2005	1356	11	506655	5699038	6		6.9	11.2	0.64	1.2	0.8	15.0	2	1.5	1.8	<50	12.32	855	13.63	0.04	283.0	8.23

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
82N07	2005	1357	11	508122	5697616	6		0.5	3.4	380	4.9	5	100	4	89	17	1.0	<2	3	4.23	57.5	0.29	<4	40	120
82N07	2005	1358	11	508348	5697813	6		0.4	3.2	450	<0.5	4	130	5	100	20	1.7	<2	4	4.71	69.3	0.33	<4	53	110
82N07	2005	1359	11	511614	5700997	6		0.2	2.4	430	1.4	6	130	5	92	19	1.7	<2	4	4.59	68.9	0.33	<4	53	130
82N07	2005	1360	11	511812	5701139	6		0.2	2.6	380	5.4	5	94	3	76	13	0.7	<2	5	2.97	48.0	0.28	<2	33	95
82N07	2005	1362	11	516625	5701756	6		0.2	4.6	420	12.0	6	86	4	79	14	1.2	<2	4	3.24	46.0	0.25	<3	36	100
82N07	2005	1363	11	516523	5701530	6		0.3	2.8	410	6.2	2	92	4	79	13	0.8	<2	4	3.30	46.0	0.27	<3	36	94
82N07	2005	1364	11	504852	5689527	6		0.3	3.4	400	11.0	2	79	2	56	8	0.6	<2	7	1.97	38.0	0.20	<2	26	62
82N07	2005	1365	11	508071	5688563	6		0.3	4.4	460	2.3	6	110	2	75	12	1.0	<2	4	3.05	53.1	0.22	<4	43	92
82N07	2005	1366	11	508270	5688500	6		0.4	5.4	560	4.9	9	49	2	80	9	0.6	<2	5	2.12	26.0	0.17	<3	18	75
82N07	2005	1367	11	509191	5683068	6		0.4	7.1	880	12.0	20	32	2	31	7	0.4	<2	2	1.27	17.0	0.11	<3	12	26
82N07	2005	1368	11	511749	5682179	6		0.5	4.5	1200	1.1	7	53	2	43	6	0.6	<2	6	1.44	28.0	0.16	7	22	60
82N07	2005	1369	11	512248	5682167	6		0.3	2.1	310	11.0	20	25	<1	29	4	0.4	<2	2	1.09	14.0	0.10	<3	11	29
82N07	2005	1370	11	514547	5682967	6		0.2	4.1	480	<0.5	5	96	3	80	15	1.1	<2	5	3.25	49.0	0.26	<3	39	96
82N07	2005	1371	11	515863	5684340	6	10	0.2	2.7	400	0.9	8	100	4	79	15	1.2	<2	4	3.54	56.1	0.27	<3	42	82
82N07	2005	1372	11	515863	5684340	6	20	0.3	2.6	420	1.0	8	100	4	82	15	1.1	<2	4	3.47	55.8	0.28	<3	40	96
82N07	2005	1373	11	510322	5686425	6		1.1	7.0	980	0.7	7	52	2	58	8	0.7	<2	8	1.86	28.0	0.20	15	24	71
82N07	2005	1374	11	510289	5686737	6		0.2	2.7	660	7.7	1	110	3	70	11	1.3	<2	5	3.05	55.2	0.27	<4	41	110
82N02	2005	1375	11	502016	5664301	6		0.8	6.8	380	14.0	<1	120	5	94	12	1.6	<2	12	2.88	56.9	0.57	<4	47	120
82N03	2005	1376	11	491668	5665416	6		2.2	19.0	540	6.5	<1	180	5	140	24	2.6	31	13	5.29	96.1	0.61	<4	70	100
82N03	2005	1377	11	491046	5666680	6		0.6	10.0	460	2.3	2	190	5	150	26	2.3	<4	13	5.64	100.0	0.62	<4	74	120
82N03	2005	1379	11	492660	5659925	6		1.2	16.0	450	5.8	<1	200	3	140	25	2.8	<4	16	5.74	103.0	0.67	<4	80	92
82N03	2005	1380	11	490831	5661391	6		1.1	20.0	460	3.0	<1	210	4	100	16	3.1	35	29	4.23	112.0	0.89	<5	84	83
82N03	2005	1382	11	493335	5658193	6		1.2	28.0	600	2.1	<1	210	3	140	24	2.9	<2	21	5.30	108.0	0.82	<5	90	97
82N03	2005	1384	11	492775	5657907	6	10	2.0	41.0	520	2.3	<1	200	5	130	22	2.7	64	13	5.63	107.0	0.56	<5	79	88
82N03	2005	1385	11	492775	5657907	6	20	2.3	44.0	560	2.1	<1	210	6	140	22	3.2	<5	16	5.65	110.0	0.63	<5	84	100
82N03	2005	1386	11	488335	5657221	6		0.7	20.0	450	12.0	<1	140	6	79	10	2.2	6	12	3.22	71.5	0.47	<5	54	86
82N03	2005	1387	11	488518	5656824	6		0.6	29.0	670	11.0	<1	180	6	84	15	2.1	31	22	3.94	92.7	0.72	<6	72	80
82N03	2005	1388	11	488859	5656819	6		1.6	52.4	430	<1.1	<1	250	4	110	18	3.1	32	15	5.42	135.0	0.67	<4	98	87
82N03	2005	1389	11	485528	5660134	6		0.7	20.0	510	<0.5	1	170	3	110	19	2.3	<5	8	4.91	93.8	0.54	<4	65	100
82N03	2005	1390	11	485229	5660305	6		2.1	166.0	690	31.0	<1	130	16	120	21	2.3	170	7	4.81	69.5	0.47	<8	60	130
82N02	2005	1391	11	511449	5666775	6		0.6	5.1	740	5.8	<1	100	4	86	11	1.4	<2	13	3.48	49.0	0.50	5	38	100
82N02	2005	1392	11	508639	5669218	6		0.6	3.9	620	8.6	<1	96	3	74	11	1.3	<2	14	2.98	45.0	0.47	4	35	93
82N02	2005	1393	11	506066	5670608	6		0.7	4.5	680	12.0	<1	91	4	68	11	1.2	<2	10	3.14	44.0	0.42	<3	34	95
82N02	2005	1394	11	504676	5671412	6		0.2	1.3	530	10.0	<1	66	4	32	4	1.0	<2	14	1.23	30.0	0.38	<3	27	52
82N02	2005	1395	11	500444	5674130	6		0.5	3.4	420	19.0	<1	150	3	73	13	1.9	<2	20	3.22	67.1	0.64	<4	58	100
82N03	2005	1396	11	494097	5674620	6		0.9	7.4	460	1.4	<1	130	5	270	34	2.1	<2	11	5.47	62.3	0.58	<4	54	130
82N03	2005	1397	11	495318	5674677	6		1.1	9.1	1600	9.5	<1	160	5	120	16	2.0	<2	17	4.07	78.4	0.55	5	67	110
82N03	2005	1398	11	493487	5673754	6		1.9	29.0	540	5.3	<1	130	5	150	23	1.7	6	11	4.82	68.5	0.52	<4	50	110
82N03	2005	1399	11	493665	5673704	6		1.5	17.0	520	1.6	<1	130	4	150	22	1.9	<2	15	4.82	65.5	0.69	<4	53	120
82N03	2005	1400	11	490670	5676831	6		2.5	28.0	520	5.9	<1	130	4	150	21	1.7	7	16	4.81	62.8	0.62	<4	53	100

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
82N07	2005	1357	11	508122	5697616	6		7.0	12.3	1.05	1.2	0.9	16.0	1	2.0	2.0	53	10.90	930	12.10	0.03	283.0	8.29
82N07	2005	1358	11	508348	5697813	6		10.0	13.6	1.24	1.3	<0.5	20.0	2	2.0	2.4	52	9.65	870	9.77	0.03	234.0	8.02
82N07	2005	1359	11	511614	5700997	6		10.0	13.4	1.22	1.9	0.7	21.4	3	2.1	2.3	52	13.19	795	10.47	<0.02	344.0	8.26
82N07	2005	1360	11	511812	5701139	6		6.1	10.1	0.72	1.1	0.9	14.0	<1	1.7	1.9	<50	11.00	810	10.85	0.03	234.0	8.10
82N07	2005	1362	11	516625	5701756	6		5.8	10.8	0.72	<0.5	0.7	13.0	<1	2.2	1.8	<50	8.72	960	13.76	0.11	234.0	8.15
82N07	2005	1363	11	516523	5701530	6		6.2	11.1	1.00	<0.5	<0.5	14.0	<1	2.5	2.0	<50	9.53	1185	7.28	0.03	246.0	8.23
82N07	2005	1364	11	504852	5689527	6		4.7	6.4	0.59	0.8	<0.5	10.0	1	2.0	1.5	<50	11.07	840	10.45	<0.02	320.0	8.20
82N07	2005	1365	11	508071	5688563	6		6.2	10.0	0.76	0.7	<0.5	12.0	1	2.1	1.6	<50	10.58	945	10.66	0.02	357.0	8.34
82N07	2005	1366	11	508270	5688500	6		3.1	7.5	0.16	0.9	0.5	7.3	<1	4.3	1.2	<50	11.31	1155	17.33	0.03	308.0	8.20
82N07	2005	1367	11	509191	5683068	6		2.1	4.1	0.07	<0.5	<0.5	4.9	<1	2.4	0.6	<50	7.30	1350	33.00	0.43	787.0	8.44
82N07	2005	1368	11	511749	5682179	6		3.5	5.1	0.11	1.1	<0.5	7.6	<1	4.8	1.2	<50	16.28	945	14.96	0.05	406.0	8.37
82N07	2005	1369	11	512248	5682167	6		1.7	3.4	0.16	<0.5	<0.5	4.1	<1	2.5	0.6	<50	7.20	840	34.46	0.15	836.0	8.40
82N07	2005	1370	11	514547	5682967	6		6.3	10.4	0.80	<0.5	0.9	14.0	<1	2.3	2.0	<50	10.81	780	9.88	0.20	492.0	8.24
82N07	2005	1371	11	515863	5684340	6	10	6.7	10.9	0.89	<0.5	0.8	16.0	<1	2.3	1.9	<50	10.26	750	12.64	0.14	344.0	8.26
82N07	2005	1372	11	515863	5684340	6	20	6.7	10.9	0.88	1.5	0.7	16.0	3	1.9	1.9	<50	10.42	780	12.96	0.15	344.0	8.36
82N07	2005	1373	11	510322	5686425	6		3.4	6.2	0.06	<0.5	<0.5	7.9	1	6.4	1.4	<50	15.92	1200	14.97	0.05	492.0	8.10
82N07	2005	1374	11	510289	5686737	6		7.2	10.0	1.00	1.4	0.7	15.0	2	2.4	1.9	<50	9.98	1440	10.07	0.02	369.0	7.98
82N02	2005	1375	11	502016	5664301	6		8.4	11.9	0.15	0.6	1.6	16.0	2	4.9	3.9	<50	12.89	690	9.90	0.02	332.0	8.07
82N03	2005	1376	11	491668	5665416	6		12.6	15.0	0.61	0.8	1.3	20.0	4	4.4	4.1	<50	12.25	645	7.30	0.02	221.0	7.82
82N03	2005	1377	11	491046	5666680	6		13.2	15.7	0.72	1.4	1.2	21.3	2	3.7	4.5	<50	13.05	615	6.80	<0.02	295.0	8.07
82N03	2005	1379	11	492660	5659925	6		13.6	14.4	0.61	1.7	1.6	19.0	3	4.3	4.7	<50	15.54	555	7.00	<0.02	418.0	8.40
82N03	2005	1380	11	490831	5661391	6		15.1	11.6	0.86	1.6	1.8	21.3	2	7.4	6.0	<50	13.98	360	5.40	<0.02	71.3	7.64
82N03	2005	1382	11	493335	5658193	6		14.5	15.1	0.78	1.5	2.2	23.1	3	5.2	5.6	<50	15.01	615	4.80	<0.02	209.0	8.11
82N03	2005	1384	11	492775	5657907	6	10	13.9	15.6	0.76	3.0	1.5	23.2	<1	5.8	4.1	<50	9.81	585	6.00	0.02	160.0	7.97
82N03	2005	1385	11	492775	5657907	6	20	14.4	15.9	0.78	<0.5	1.6	23.9	<1	7.5	4.6	<50	10.54	600	5.90	<0.02	160.0	7.96
82N03	2005	1386	11	488335	5657221	6		9.3	9.3	0.75	<0.5	1.0	14.0	<1	11.0	3.3	<50	12.10	405	11.80	<0.02	68.9	7.72
82N03	2005	1387	11	488518	5656824	6		12.3	10.3	0.78	<0.5	1.5	19.0	<1	13.0	4.9	<50	12.61	465	8.00	<0.02	68.9	7.35
82N03	2005	1388	11	488859	5656819	6		17.5	13.6	0.66	1.9	1.5	25.2	2	5.7	4.8	<50	13.41	450	4.70	<0.02	185.0	7.98
82N03	2005	1389	11	485528	5660134	6		12.1	12.8	0.55	2.1	1.0	19.0	3	4.7	3.9	<50	12.76	465	3.80	<0.02	123.0	7.81
82N03	2005	1390	11	485229	5660305	6		9.2	15.2	0.63	1.9	<0.5	18.0	4	11.0	3.0	<50	4.19	630	15.10	<0.02	93.5	7.57
82N02	2005	1391	11	511449	5666775	6		7.1	11.5	0.48	<0.5	0.9	15.0	<1	4.5	3.2	<50	14.84	720	6.70	0.04	283.0	8.15
82N02	2005	1392	11	508639	5669218	6		7.2	10.0	0.25	1.2	1.0	14.0	2	4.3	3.2	<50	9.69	630	9.00	0.02	254.0	7.95
82N02	2005	1393	11	506066	5670608	6		6.8	10.4	0.33	0.6	0.9	13.0	2	3.4	2.9	<50	10.96	825	15.70	0.04	363.0	8.04
82N02	2005	1394	11	504676	5671412	6		6.1	5.3	0.30	1.1	0.8	10.0	1	3.0	2.5	<50	13.33	300	10.90	0.02	194.0	7.81
82N02	2005	1395	11	500444	5674130	6		11.1	10.9	0.35	0.9	1.1	20.0	<1	5.8	4.2	<50	14.00	495	10.10	0.02	194.0	7.81
82N03	2005	1396	11	494097	5674620	6		10.0	17.1	0.15	2.6	1.7	17.0	2	4.9	4.0	<50	18.09	780	5.70	<0.02	218.0	7.80
82N03	2005	1397	11	495318	5674677	6		11.6	12.4	0.54	1.4	1.4	18.0	2	5.2	3.7	<50	15.52	705	6.20	<0.02	266.0	7.97
82N03	2005	1398	11	493487	5673754	6		10.0	15.1	0.61	1.3	0.9	21.1	4	4.1	3.5	<50	13.35	900	7.40	<0.02	169.0	8.05
82N03	2005	1399	11	493665	5673704	6		10.3	14.8	0.37	1.0	1.4	19.0	4	5.3	4.7	<50	14.20	765	6.00	<0.02	254.0	8.01
82N03	2005	1400	11	490670	5676831	6		10.0	13.3	0.51	1.5	1.3	19.0	5	4.5	4.3	<50	13.60	735	6.50	<0.02	206.0	7.96

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
82N03	2005	1402	11	490150	5677324	6		4.2	33.0	520	2.8	<1	140	5	130	23	1.8	20	12	4.59	68.1	0.64	<4	56	130
82N03	2005	1403	11	490080	5676950	6	10	2.0	17.0	560	<0.5	1	170	5	190	23	2.3	<2	7	5.09	91.5	0.49	<4	66	120
82N03	2005	1404	11	490080	5676950	6	20	2.0	16.0	540	0.7	1	180	4	200	23	2.4	<2	8	5.06	98.2	0.49	<4	76	120
82N06	2005	1405	11	487626	5681181	6		1.4	17.0	410	1.0	<1	140	3	140	19	1.6	<2	10	3.79	71.7	0.46	<3	56	76
82N06	2005	1406	11	487712	5681635	6		1.8	16.0	460	7.7	2	140	3	150	20	2.0	<2	15	4.42	70.4	0.61	<4	55	100
82N06	2005	1407	11	488239	5681041	6		3.6	37.0	570	8.8	<1	140	6	160	21	1.8	21	14	5.03	68.8	0.60	<4	57	130
82N06	2005	1408	11	491875	5679792	1		0.9	10.0	1500	11.0	<1	120	7	120	22	1.7	<4	10	4.36	60.4	0.43	<4	49	120
82N06	2005	1409	11	490028	5681568	6		1.1	7.9	880	13.0	<1	110	5	100	13	1.2	<2	11	3.70	50.7	0.40	<4	36	120
82N03	2005	1410	11	484599	5677284	6		1.6	20.0	580	1.4	<1	648	4	230	24	7.1	<7	28	5.74	340.0	1.00	<7	260	120
82N03	2005	1411	11	484320	5677597	6		0.6	11.0	470	5.2	<1	160	4	120	21	1.9	7	12	4.70	81.8	0.58	<4	61	86
82N03	2005	1413	11	483218	5676675	6		0.8	14.0	330	3.0	<1	210	4	96	24	2.2	<2	16	4.95	106.0	0.71	<5	86	110
82N03	2005	1414	11	484002	5676568	6		0.6	10.0	470	4.8	<1	190	4	110	19	2.4	<2	15	4.79	92.2	0.68	<5	74	99
82N03	2005	1415	11	482170	5675324	6		0.4	8.7	440	5.1	<1	160	5	94	31	2.4	<2	17	5.86	80.5	0.79	<4	60	120
82N03	2005	1416	11	483017	5676087	6		1.1	13.0	420	3.2	2	160	4	89	20	1.9	<2	12	4.83	78.4	0.64	<4	59	98
82N03	2005	1417	11	480465	5673412	6		0.7	90.0	320	48.0	1	120	4	62	10	1.5	<2	15	2.58	64.7	0.48	6	48	58
82N03	2005	1418	11	487202	5674001	6		1.1	7.5	500	21.0	<1	150	6	160	18	2.0	<4	10	4.16	78.7	0.46	<6	67	83
82N03	2005	1419	11	487874	5673413	6		1.2	35.0	420	101.0	<1	140	8	180	33	2.3	10	7	3.80	74.8	0.44	<6	60	71
82N03	2005	1420	11	489412	5671061	6		1.4	19.0	520	54.3	<1	150	8	210	21	1.9	8	7	4.83	81.3	0.39	<6	62	85
82N03	2005	1422	11	479840	5677460	6		3.3	43.0	730	11.0	<1	120	5	96	18	1.7	<5	9	4.39	60.2	0.44	<5	44	110
82N03	2005	1423	11	480462	5677232	6		1.2	13.0	420	9.3	<1	170	4	96	17	2.0	<4	13	4.32	88.5	0.59	<4	68	110
82N06	2005	1425	11	479498	5678837	6		0.9	14.0	500	10.0	<1	240	4	100	18	2.6	<5	14	4.60	118.0	0.66	<5	98	110
82N06	2005	1426	11	479892	5678693	6	10	0.5	8.4	470	8.4	<1	200	4	92	19	2.5	<2	15	4.76	100.0	0.67	<4	81	110
82N06	2005	1427	11	479892	5678693	6	20	0.5	8.3	460	7.9	<1	230	4	95	20	2.9	<4	16	4.82	109.0	0.68	<4	92	120
82N06	2005	1428	11	476566	5694754	6		0.4	7.3	340	17.0	1	150	3	100	18	1.9	<2	12	4.28	72.2	0.53	<4	59	100
82N06	2005	1429	11	476387	5693922	6		0.7	11.0	470	16.0	1	140	3	130	22	2.1	<2	10	4.66	70.7	0.55	<5	62	120
82N06	2005	1430	11	476664	5696428	6		0.5	7.5	400	16.0	<1	150	4	130	16	1.9	<2	14	4.08	68.7	0.60	<4	56	96
82N06	2005	1431	11	491974	5691831	6		0.7	5.6	860	14.0	<1	130	3	65	11	1.5	<2	22	2.67	57.4	0.57	<4	48	94
82N11	2005	1432	11	498722	5706989	6		0.3	3.1	440	<0.5	7	140	4	95	17	1.3	<2	4	4.31	72.4	0.30	<4	49	120
82N11	2005	1433	11	498407	5706169	6		0.2	2.7	400	<0.5	8	94	4	84	19	1.0	<4	3	4.53	50.7	0.34	<4	40	110
82N11	2005	1434	11	493804	5708328	6		0.5	4.7	390	<0.5	7	120	5	100	20	1.4	<2	4	4.75	63.9	0.34	<4	53	120
82N11	2005	1435	11	474099	5720501	6		2.2	16.0	1700	<0.5	2	180	5	110	22	2.1	<2	11	5.05	94.8	0.50	10	68	110
82N12	2005	1436	11	439417	5718526	6		<0.1	1.2	460	<0.5	<1	150	5	100	14	1.7	<2	7	3.35	79.7	0.41	<3	59	91
82N12	2005	1437	11	457260	5711927	6		<0.3	2.8	250	2.5	<1	390	6	69	12	2.8	<5	15	3.16	234.0	1.00	<6	120	53
82N12	2005	1438	11	457059	5711561	6		<0.1	1.2	330	<0.5	<1	190	2	80	15	2.1	<2	15	4.40	103.0	0.60	<4	75	56
82N12	2005	1439	11	458358	5709849	6		<0.1	<0.5	320	0.6	<1	180	2	82	14	2.4	<2	14	4.28	99.0	0.56	<4	71	57
82N12	2005	1440	11	450210	5707071	6		<0.1	12.0	440	7.6	2	110	5	110	25	1.6	<2	9	3.81	64.0	0.46	<5	51	78
82N12	2005	1442	11	450275	5706936	6		<0.1	3.5	370	<0.5	<1	170	3	89	14	2.5	<4	19	4.75	91.3	0.64	<4	68	70
82N12	2005	1443	11	451909	5706303	6		0.3	3.5	520	2.4	<1	180	6	110	20	2.4	<2	17	4.74	95.2	0.66	<4	67	91
82N05	2005	1444	11	453022	5702606	6		<0.1	7.9	400	12.0	<1	130	5	100	20	1.6	<2	9	4.13	75.4	0.48	<4	52	110
82N05	2005	1445	11	453508	5702525	6		0.2	2.2	300	2.2	<1	110	2	67	12	1.4	<2	23	3.06	54.7	0.64	<3	43	77

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
82N03	2005	1402	11	490150	5677324	6		10.1	14.7	0.33	2.3	1.1	19.0	3	4.7	4.4	<50	11.99	1065	7.30	<0.02	303.0	8.28
82N03	2005	1403	11	490080	5676950	6	10	12.1	15.9	1.19	1.4	1.2	31.0	3	4.1	3.6	<50	18.63	705	4.80	<0.02	194.0	8.08
82N03	2005	1404	11	490080	5676950	6	20	13.0	15.7	1.17	1.6	1.0	32.9	4	3.9	3.5	<50	20.46	720	4.90	<0.02	194.0	7.99
82N06	2005	1405	11	487626	5681181	6		10.0	10.7	0.90	1.5	1.1	17.0	4	3.5	3.3	<50	21.79	555	4.00	<0.02	194.0	7.95
82N06	2005	1406	11	487712	5681635	6		10.6	12.7	0.45	2.0	1.0	19.0	5	5.3	4.1	<50	13.86	735	9.50	<0.02	242.0	8.15
82N06	2005	1407	11	488239	5681041	6		10.2	15.6	0.60	1.2	1.5	20.0	4	4.4	4.0	<50	16.42	900	7.90	<0.02	169.0	7.79
82N06	2005	1408	11	491875	5679792	1		8.8	14.0	0.58	1.5	1.0	18.0	3	5.0	3.0	<50	11.07	870	8.00	ns	ns	ns
82N06	2005	1409	11	490028	5681568	6		7.1	11.9	0.39	1.0	1.2	17.0	<1	4.4	2.8	<50	10.53	1020	12.20	<0.02	169.0	7.69
82N03	2005	1410	11	484599	5677284	6		43.6	16.4	1.04	1.7	3.0	44.9	5	8.3	6.7	<50	18.39	510	5.40	<0.02	169.0	7.67
82N03	2005	1411	11	484320	5677597	6		11.3	12.6	0.82	1.3	1.4	18.0	3	6.3	4.0	<50	18.12	645	5.10	<0.02	121.0	7.51
82N03	2005	1413	11	483218	5676675	6		15.8	12.4	0.65	<1.0	1.6	20.0	2	5.2	4.9	<50	12.73	630	4.80	<0.02	169.0	8.08
82N03	2005	1414	11	484002	5676568	6		14.0	13.2	0.61	2.1	1.1	19.0	<1	7.0	4.8	<50	15.38	720	5.50	<0.02	169.0	7.77
82N03	2005	1415	11	482170	5675324	6		12.2	12.7	0.75	1.1	1.3	20.7	3	5.6	5.4	<50	14.05	480	5.80	<0.02	266.0	8.11
82N03	2005	1416	11	483017	5676087	6		11.8	11.9	0.64	1.3	1.3	17.0	3	4.3	4.3	<50	13.68	555	6.20	<0.02	266.0	7.85
82N03	2005	1417	11	480465	5673412	6		8.8	7.0	0.71	0.7	0.5	12.0	<1	8.8	3.2	<50	12.37	285	15.50	<0.02	145.0	7.78
82N03	2005	1418	11	487202	5674001	6		10.6	12.7	1.06	1.2	1.1	17.0	2	13.0	3.2	<50	6.57	435	12.90	<0.02	62.9	7.26
82N03	2005	1419	11	487874	5673413	6		10.2	13.4	0.92	1.6	0.9	16.0	<1	14.0	3.0	<50	10.65	465	20.70	<0.02	109.0	7.79
82N03	2005	1420	11	489412	5671061	6		10.8	14.9	0.77	1.4	1.1	17.0	2	12.0	2.8	<50	8.52	600	16.30	<0.02	109.0	7.82
82N03	2005	1422	11	479840	5677460	6		8.3	12.1	0.93	<0.5	1.1	17.0	2	10.0	3.0	61	7.17	570	11.60	<0.02	94.4	7.59
82N03	2005	1423	11	480462	5677232	6		12.0	12.2	0.66	2.4	1.1	18.0	2	4.7	4.2	<50	8.92	690	7.70	<0.02	278.0	8.02
82N06	2005	1425	11	479498	5678837	6		16.7	12.3	0.74	1.3	1.6	20.4	3	6.2	4.5	<50	10.56	675	8.30	<0.02	133.0	7.54
82N06	2005	1426	11	479892	5678693	6	10	14.5	12.4	0.73	<0.5	1.2	20.0	2	5.8	4.7	<50	10.88	675	6.50	<0.02	242.0	7.84
82N06	2005	1427	11	479892	5678693	6	20	16.1	12.3	0.75	<0.5	1.6	20.4	2	5.2	4.9	<50	12.72	615	5.90	<0.02	242.0	8.14
82N06	2005	1428	11	476566	5694754	6		11.1	11.4	0.44	<0.5	1.0	16.0	2	5.9	3.7	<50	9.80	735	13.00	<0.02	242.0	7.85
82N06	2005	1429	11	476387	5693922	6		10.5	12.8	0.56	1.0	1.1	17.0	2	5.6	3.8	<50	9.33	675	9.30	<0.02	242.0	7.97
82N06	2005	1430	11	476664	5696428	6		10.8	11.3	0.55	1.0	0.6	17.0	<1	6.2	4.1	<50	9.50	555	9.50	<0.02	242.0	8.08
82N06	2005	1431	11	491974	5691831	6		8.4	8.6	0.41	1.1	1.1	19.0	3	5.3	3.7	<50	14.36	465	6.30	<0.02	242.0	7.98
82N11	2005	1432	11	498722	5706989	6		8.7	12.9	0.87	2.2	0.8	18.0	<1	2.4	2.2	<50	10.86	765	12.10	<0.02	303.0	8.03
82N11	2005	1433	11	498407	5706169	6		6.9	12.7	0.70	0.8	1.0	15.0	<1	2.1	2.3	<50	8.66	930	15.20	<0.02	363.0	8.11
82N11	2005	1434	11	493804	5708328	6		8.4	13.9	0.80	0.8	0.8	17.0	2	1.9	2.2	55	14.26	810	11.20	0.02	399.0	8.29
82N11	2005	1435	11	474099	5720501	6		11.4	12.3	0.40	<0.5	1.1	15.0	2	4.7	3.5	170	18.78	450	6.30	0.02	230.0	8.41
82N12	2005	1436	11	439417	5718526	6		10.8	11.3	0.67	<0.5	1.0	20.0	3	4.6	2.9	<50	12.51	285	4.00	0.03	94.4	8.07
82N12	2005	1437	11	457260	5711927	6		16.7	10.7	1.30	1.5	2.3	25.7	4	7.2	7.1	<50	16.79	270	3.20	<0.02	82.3	7.09
82N12	2005	1438	11	457059	5711561	6		12.9	14.5	0.80	2.2	1.4	23.2	2	5.7	3.9	<50	20.64	315	2.00	<0.02	133.0	7.36
82N12	2005	1439	11	458358	5709849	6		12.5	14.2	0.80	2.8	1.2	22.4	<1	4.9	3.8	<50	19.54	555	5.80	<0.02	133.0	3.38
82N12	2005	1440	11	450210	5707071	6		9.3	11.2	0.72	1.4	0.7	14.0	3	12.0	3.3	<50	11.10	345	3.80	<0.02	133.0	7.03
82N12	2005	1442	11	450275	5706936	6		12.1	10.6	0.65	2.3	1.7	21.8	2	5.3	4.1	<50	12.10	375	3.90	<0.02	133.0	7.69
82N12	2005	1443	11	451909	5706303	6		12.7	12.9	0.69	1.7	1.3	23.1	2	7.0	4.4	<50	12.97	375	6.33	<0.02	218.0	7.25
82N05	2005	1444	11	453022	5702606	6		10.0	12.3	0.68	1.0	0.7	18.0	<1	8.4	3.4	<50	11.28	255	2.65	<0.02	64.1	7.65
82N05	2005	1445	11	453508	5702525	6		8.3	8.2	0.45	1.5	1.3	16.0	<1	4.4	4.1	<50	11.78	360	4.76	<0.02	82.3	7.23

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
82N05	2005	1446	11	453082	5703165	6		0.2	1.0	570	2.7	<1	120	3	92	16	1.9	<2	13	3.66	64.0	0.58	<4	52	100
82N05	2005	1447	11	455321	5704079	6		0.2	<0.5	880	4.7	<1	70	3	100	15	0.9	<2	7	3.11	37.0	0.32	<3	29	110
82N05	2005	1448	11	454563	5704431	6	10	0.2	4.2	420	1.3	<1	180	4	93	14	2.1	<2	19	4.81	94.1	0.65	<4	69	67
82N05	2005	1449	11	454563	5704431	6	20	0.2	3.3	290	<0.5	<1	180	3	82	14	2.1	<2	27	4.43	95.0	0.73	<4	70	69
82N05	2005	1451	11	457202	5705047	6		0.3	1.3	720	15.0	<1	160	5	110	22	2.3	<2	9	4.44	100.0	0.44	<5	72	83
82N05	2005	1452	11	458675	5705526	6		<0.1	2.3	510	2.0	<1	130	3	87	18	1.8	<2	8	3.56	65.8	0.43	<4	53	88
82N05	2005	1453	11	459185	5700870	6		<0.1	1.8	620	21.0	<1	210	9	140	40	2.9	<6	5	5.28	145.0	0.54	<4	100	96
82N05	2005	1454	11	458812	5700816	6		0.4	2.7	250	0.9	<1	82	2	56	10	0.9	<2	10	2.65	42.0	0.42	<3	32	57
82N05	2005	1455	11	431861	5700648	6		0.3	6.6	400	<0.5	3	190	3	63	17	2.5	<2	20	3.93	92.4	0.74	<4	74	78
82N05	2005	1456	11	431820	5701426	1		0.5	13.0	470	1.5	5	160	5	94	25	2.0	<2	8	4.61	80.1	0.46	<3	55	140
82N05	2005	1457	11	432948	5699665	6		1.1	7.8	490	2.2	<1	150	3	100	17	1.9	<2	21	4.47	72.3	0.67	<4	59	91
82N05	2005	1458	11	432845	5699404	6		0.2	3.8	230	0.9	<1	180	<1	40	10	2.3	<2	31	2.88	81.8	1.00	<4	67	37
82N05	2005	1459	11	437120	5694029	6		0.6	8.0	300	1.7	7	160	2	45	13	2.2	<2	22	3.04	75.8	0.78	<4	61	64
82N05	2005	1460	11	437329	5694284	6		0.8	11.0	320	8.0	<1	150	5	75	16	1.7	<4	26	4.58	75.3	0.71	<5	55	81
82N05	2005	1462	11	437155	5694223	6	10	0.5	5.5	230	<0.5	<1	190	1	38	10	2.5	<2	39	2.97	89.4	1.20	<4	72	42
82N05	2005	1463	11	437155	5694223	6	20	0.4	5.9	250	0.6	<1	170	1	37	11	2.4	<2	32	2.71	78.8	1.00	<3	63	33
82N05	2005	1464	11	439027	5692640	6		1.1	7.4	460	3.1	<1	130	10	120	19	1.9	<4	3	3.62	71.2	0.30	<5	52	130
82N05	2005	1465	11	440802	5688753	6		0.6	13.0	440	16.0	2	150	7	110	29	1.8	<4	8	6.03	82.3	0.42	<4	57	94
82N05	2005	1466	11	439718	5689178	6		0.9	6.0	530	<0.5	19	21	<1	12	2	0.3	<2	2	0.63	11.0	0.12	6	9	<15
82N05	2005	1467	11	438556	5689443	6		0.7	7.6	2400	<0.5	22	65	<1	21	8	0.8	<2	3	1.45	35.0	0.16	5	26	23
82N05	2005	1468	11	438546	5689588	6		0.5	2.3	65	0.6	32	41	<1	15	5	0.5	<2	2	0.92	22.0	0.09	<1	19	<15
82N05	2005	1469	11	441861	5685948	6		1.3	5.3	2500	<0.5	10	44	1	21	5	0.8	<2	4	1.58	23.0	0.26	12	18	31
82N05	2005	1470	11	442429	5685906	6		0.6	11.0	470	4.3	1	160	4	110	23	2.3	<4	7	5.50	87.8	0.40	<4	66	100
82N04	2005	1471	11	440358	5668141	6		0.5	8.6	2400	20.0	2	56	3	50	14	0.7	<2	3	3.07	33.0	0.25	11	25	45
82N04	2005	1472	11	436438	5670616	6		0.4	10.0	2100	7.2	2	84	4	66	16	0.9	<2	3	3.38	48.0	0.23	6	35	78
82N04	2005	1473	11	433400	5674065	6		0.7	5.1	990	1.0	<1	100	3	100	15	1.1	<2	6	3.26	53.8	0.32	<3	45	61
82N04	2005	1475	11	433102	5673838	6		0.5	11.0	3300	1.3	6	82	3	56	11	1.3	<2	6	2.78	43.0	0.33	<3	29	72
82N04	2005	1476	11	436520	5670699	6		5.5	25.0	2000	<0.5	2	65	2	57	10	0.9	<2	5	2.32	37.0	0.39	31	32	53
82N05	2005	1477	11	430982	5680524	6		0.4	4.9	560	<0.5	<1	94	3	68	21	1.4	<2	8	3.78	49.0	0.37	<3	36	62
82N05	2005	1478	11	430827	5680679	6		0.3	3.0	480	<0.5	<1	110	3	74	16	1.8	<2	12	3.88	59.6	0.49	<4	48	87
82N05	2005	1479	11	430538	5687390	6		0.4	2.5	510	<0.5	2	83	2	56	13	1.3	<2	9	2.59	44.0	0.40	<3	34	56
82N05	2005	1480	11	430691	5687625	6		0.2	1.4	1500	<0.5	8	83	1	19	7	1.5	<2	7	3.17	41.0	0.45	<3	34	62
82N05	2005	1482	11	444798	5683769	6		0.7	15.0	520	2.0	<1	200	4	97	22	2.5	<4	16	5.75	104.0	0.58	<5	77	92
82N05	2005	1483	11	443681	5685006	6		0.8	13.0	410	2.4	5	180	5	83	21	1.9	<5	8	4.40	98.7	0.35	<5	72	94
82N05	2005	1484	11	444108	5681683	6		0.5	3.4	690	4.6	4	120	2	43	12	2.3	<2	11	5.10	60.1	0.57	5	46	69
82N05	2005	1485	11	444275	5682632	6	10	0.3	3.1	1200	1.7	11	99	2	36	11	1.7	<2	7	3.79	52.0	0.38	<3	37	48
82N05	2005	1486	11	444275	5682632	6	20	0.3	3.5	1300	1.0	10	110	2	40	11	1.9	<2	8	4.30	60.3	0.41	<3	43	50
82N05	2005	1487	11	443691	5678783	6		0.2	4.8	210	1.8	21	54	2	41	9	0.5	<2	1	1.99	30.0	0.13	<2	23	51
82N05	2005	1488	11	440533	5679062	6		0.5	10.0	1000	1.4	<1	99	3	140	20	1.2	<2	11	3.97	51.7	0.43	<3	42	81
82N05	2005	1489	11	440551	5679719	6		1.6	13.0	1700	<0.5	9	36	2	33	7	0.6	<2	3	1.53	20.0	0.25	18	18	37

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
82N05	2005	1446	11	453082	5703165	6		9.1	11.0	0.44	2.3	0.9	17.0	2	5.3	3.9	<50	10.96	255	3.17	<0.02	145.0	7.02
82N05	2005	1447	11	455321	5704079	6		5.0	10.4	0.42	1.0	0.9	12.0	<1	2.5	2.1	<50	12.25	150	3.25	<0.02	82.3	7.59
82N05	2005	1448	11	454563	5704431	6	10	12.6	10.9	0.65	2.5	1.5	22.5	3	5.8	4.3	<50	15.25	330	3.20	<0.02	92.0	7.53
82N05	2005	1449	11	454563	5704431	6	20	12.7	10.1	0.63	2.6	1.5	23.4	3	6.5	4.6	<50	17.16	315	3.20	0.04	92.0	7.37
82N05	2005	1451	11	457202	5705047	6		12.6	11.9	0.85	1.2	1.4	21.3	3	9.4	3.2	<50	10.97	510	6.20	0.03	182.0	7.73
82N05	2005	1452	11	458675	5705526	6		9.1	10.5	0.76	0.6	1.1	16.0	<1	4.6	2.9	<50	13.13	465	3.70	0.02	145.0	7.68
82N05	2005	1453	11	459185	5700870	6		18.2	13.3	1.02	<1.0	2.8	19.0	<2	8.4	4.0	<50	7.35	495	11.40	0.02	133.0	7.20
82N05	2005	1454	11	458812	5700816	6		6.3	6.7	0.31	1.3	0.6	12.0	1	3.5	3.0	<50	13.33	210	2.30	0.02	87.1	7.69
82N05	2005	1455	11	431861	5700648	6		13.3	9.4	0.70	0.9	2.0	21.6	2	4.0	5.1	<50	14.50	300	5.50	0.02	145.0	7.77
82N05	2005	1456	11	431820	5701426	1		11.4	13.8	0.71	1.9	1.3	19.0	2	2.6	3.4	<50	15.30	375	10.10	ns	ns	ns
82N05	2005	1457	11	432948	5699665	6		11.0	12.4	0.69	0.7	1.4	20.1	2	4.3	4.4	<50	12.03	330	3.30	<0.02	145.0	7.92
82N05	2005	1458	11	432845	5699404	6		12.7	6.1	0.57	1.2	1.8	20.8	1	5.2	6.3	<50	18.30	195	1.20	<0.02	121.0	7.61
82N05	2005	1459	11	437120	5694029	6		11.6	7.6	0.55	1.1	1.5	20.0	2	4.2	5.2	<50	17.78	225	10.40	0.02	145.0	7.80
82N05	2005	1460	11	437329	5694284	6		10.4	10.2	0.65	1.8	1.5	20.0	2	8.9	4.8	<50	14.59	345	6.30	0.02	145.0	7.27
82N05	2005	1462	11	437155	5694223	6	10	13.9	6.1	0.46	2.2	1.9	22.9	2	5.3	7.5	<50	21.57	195	1.20	<0.02	121.0	7.72
82N05	2005	1463	11	437155	5694223	6	20	12.6	5.8	0.45	2.2	1.4	20.8	2	4.5	6.7	<50	19.09	180	1.40	<0.02	121.0	7.73
82N05	2005	1464	11	439027	5692640	6		9.0	16.5	1.00	<0.5	1.0	17.0	3	3.9	2.1	<50	6.98	795	12.00	0.07	182.0	8.18
82N05	2005	1465	11	440802	5688753	6		10.0	14.8	0.62	1.5	0.9	16.0	2	2.5	3.0	<50	11.35	510	9.60	0.02	278.0	8.24
82N05	2005	1466	11	439718	5689178	6		1.5	1.7	0.06	<0.5	<0.5	2.3	<1	3.7	0.9	77	18.03	375	22.90	0.03	206.0	8.04
82N05	2005	1467	11	438556	5689443	6		4.4	2.7	0.13	<0.5	<0.5	6.3	<1	2.5	1.2	81	22.08	135	27.00	0.03	206.0	8.05
82N05	2005	1468	11	438546	5689588	6		2.8	2.3	0.10	<0.5	<0.5	4.4	<1	0.6	0.7	<50	17.99	75	34.83	<0.02	169.0	8.09
82N05	2005	1469	11	441861	5685948	6		3.5	4.1	0.38	<0.5	0.5	5.2	<1	5.5	1.8	160	19.33	270	12.50	0.08	133.0	7.92
82N05	2005	1470	11	442429	5685906	6		10.9	14.4	0.76	0.9	0.9	16.0	<1	2.5	2.9	62	10.56	600	7.80	0.02	290.0	8.20
82N04	2005	1471	11	440358	5668141	6		3.9	6.3	0.42	0.8	<0.5	7.2	2	4.4	1.7	350	10.99	555	14.10	0.03	290.0	8.14
82N04	2005	1472	11	436438	5670616	6		5.7	9.0	0.54	1.7	1.0	10.0	3	2.7	1.8	130	9.88	705	10.90	0.03	315.0	8.22
82N04	2005	1473	11	433400	5674065	6		7.1	8.2	1.08	1.5	0.7	11.0	<1	3.1	2.2	<50	14.72	465	3.70	0.02	169.0	7.86
82N04	2005	1475	11	433102	5673838	6		6.1	7.9	0.69	1.0	0.7	10.0	2	3.6	2.3	90	13.25	570	10.70	0.02	194.0	7.89
82N04	2005	1476	11	436520	5670699	6		5.1	5.7	0.30	0.8	0.9	7.9	14	5.3	2.8	330	14.83	495	6.90	0.02	169.0	8.10
82N05	2005	1477	11	430982	5680524	6		6.9	8.2	1.01	1.1	0.9	12.0	2	3.2	2.7	<50	15.70	315	3.09	0.02	206.0	8.00
82N05	2005	1478	11	430827	5680679	6		8.3	10.0	1.30	1.7	1.0	14.0	2	4.2	3.3	<50	16.15	360	2.30	0.02	89.5	7.80
82N05	2005	1479	11	430538	5687390	6		6.1	6.6	1.06	0.9	1.0	11.0	2	3.8	2.7	<50	17.87	390	2.96	0.06	194.0	7.91
82N05	2005	1480	11	430691	5687625	6		7.0	9.4	2.07	1.7	0.9	9.2	2	3.5	3.2	<50	18.96	255	6.25	0.12	145.0	8.14
82N05	2005	1482	11	444798	5683769	6		13.2	12.3	0.44	1.3	0.9	18.0	2	4.5	4.1	<50	16.64	315	4.17	0.02	145.0	7.59
82N05	2005	1483	11	443681	5685006	6		10.8	11.1	0.72	2.4	0.9	16.0	3	1.7	2.6	<50	13.12	615	11.48	0.02	266.0	8.23
82N05	2005	1484	11	444108	5681683	6		9.1	13.6	1.77	4.1	1.3	11.0	<1	6.0	3.8	<50	14.92	915	33.50	0.13	94.4	7.40
82N05	2005	1485	11	444275	5682632	6	10	7.2	10.0	1.29	1.9	0.6	9.3	<1	3.8	2.6	<50	19.60	315	12.25	0.13	94.4	7.70
82N05	2005	1486	11	444275	5682632	6	20	8.0	10.7	1.31	1.9	1.0	11.0	<1	3.8	2.9	<50	18.85	360	11.18	0.03	87.1	7.71
82N05	2005	1487	11	443691	5678783	6		3.4	6.9	0.29	<0.5	<0.5	6.9	<1	0.8	0.9	<50	14.21	405	28.27	0.13	266.0	8.10
82N05	2005	1488	11	440533	5679062	6		7.2	10.0	1.22	1.8	0.9	14.0	3	4.9	2.9	85	17.54	390	3.79	0.02	89.5	7.40
82N05	2005	1489	11	440551	5679719	6		2.8	4.1	0.21	<0.5	<0.5	4.8	<1	4.3	1.7	260	14.97	555	13.36	0.07	363.0	8.05

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
82N05	2005	1490	11	439307	5680380	6		1.4	8.7	2300	0.7	6	74	2	49	11	1.3	<2	7	3.04	39.0	0.38	18	30	62
82N05	2005	1492	11	439184	5680013	6		0.6	8.8	610	0.6	2	100	3	140	19	1.5	<2	13	3.63	53.7	0.50	<3	45	73
82N04	2005	1493	11	444040	5676964	6		5.2	34.0	7410	1.0	6	79	3	49	13	0.9	<2	3	3.12	44.0	0.26	14	31	62
82N04	2005	1494	11	444924	5675523	6		2.0	22.0	2900	<0.5	5	120	3	61	13	1.6	<2	4	3.18	65.9	0.33	12	50	72
82N04	2005	1495	11	448068	5670985	6		0.4	4.8	1800	<0.5	8	190	2	67	17	1.9	<2	3	3.62	108.0	0.29	4	75	62
82N04	2005	1496	11	449227	5668545	6		0.2	4.6	1500	<0.5	7	210	2	77	19	2.4	<2	3	3.99	120.0	0.30	<4	84	51
82N04	2005	1497	11	450141	5666144	6		<0.1	2.7	590	2.9	<1	130	3	94	16	1.6	<2	14	4.25	69.8	0.49	<4	53	62
82N04	2005	1498	11	449563	5666071	6		<0.1	1.1	500	8.5	<1	110	6	85	17	1.6	<2	10	3.89	60.3	0.43	<4	46	84
82N04	2005	1499	11	450602	5664550	6		<0.1	<0.5	450	4.4	<1	180	8	72	17	2.1	<2	13	4.20	95.6	0.55	<5	72	96
82N04	2005	1500	11	449817	5664355	6		<0.1	5.2	820	18.0	2	120	13	310	24	1.2	<4	7	4.30	68.9	0.41	<5	53	100
82N04	2005	1502	11	441241	5661450	6		<0.2	17.0	790	3.0	2	73	20	30	10	1.0	<2	6	2.70	44.0	0.35	12	32	130
82N04	2005	1503	11	440149	5662028	6	10	<0.1	6.4	2200	3.3	4	150	7	70	13	1.5	<2	11	3.68	83.5	0.50	<5	54	100
82N04	2005	1504	11	440149	5662028	6	20	<0.1	5.1	2200	2.5	5	170	7	69	13	1.7	<2	11	3.65	93.5	0.50	<5	61	110
82N04	2005	1505	11	444105	5659665	6		<0.1	1.7	1800	2.2	4	324	8	51	16	3.1	<5	11	5.06	191.0	0.45	<7	110	87
82N04	2005	1506	11	442229	5660689	6		<0.3	5.8	1200	5.8	2	150	16	61	16	1.8	<5	8	4.24	85.3	0.42	<8	54	120
82N04	2005	1507	11	448022	5658630	6		<0.2	4.3	1100	1.6	2	120	24	100	23	1.3	<2	7	4.76	60.1	0.44	<4	51	160
82N04	2005	1508	11	447789	5658385	6		<0.1	<1.0	1300	<1.1	5	419	3	97	24	4.7	<5	11	7.27	249.0	0.51	<6	130	37
82N03	2005	1510	11	471696	5654265	6		<0.1	0.8	290	<0.5	3	130	2	32	8	1.5	<2	15	3.33	63.4	0.54	<4	42	61
82N03	2005	1511	11	471987	5654181	6		0.3	1.8	410	5.6	<1	110	3	51	10	1.3	<2	23	2.78	49.0	0.58	7	42	67
82N03	2005	1512	11	471961	5653517	6		<0.1	1.9	750	1.7	2	150	7	27	6	0.9	<2	8	2.09	80.2	0.39	15	47	170
82N03	2005	1513	11	471450	5652604	6		<0.1	<1.3	1300	<1.3	<1	762	3	72	<1	2.7	<6	39	3.05	494.0	0.87	<11	180	110
82N03	2005	1514	11	470472	5651253	6		<0.1	<1.1	900	<1.1	3	425	5	75	8	3.4	<5	45	3.37	248.0	1.00	<15	130	100
82N03	2005	1515	11	469082	5650502	6		<0.1	<0.5	810	<0.5	1	130	11	14	4	1.0	<2	7	1.50	74.5	0.37	32	47	200
82N03	2005	1516	11	467671	5650723	6		<0.1	1.2	1100	<1.1	2	423	5	73	6	3.2	<5	36	3.16	252.0	0.81	<10	120	77
82N03	2005	1517	11	466403	5652404	6		<0.1	<0.5	590	<0.5	<1	69	7	49	7	1.0	<2	7	1.79	34.0	0.29	<3	25	120
82N04	2005	1518	11	461939	5650801	6		<0.1	<1.1	980	4.8	2	290	5	54	10	2.8	<5	26	2.94	166.0	0.66	<18	99	76
82N04	2005	1519	11	460629	5650404	6		<0.1	<0.5	1200	<1.1	3	250	7	48	11	2.2	<4	16	3.27	140.0	0.51	<7	89	110
82N04	2005	1520	11	454298	5651614	6		<0.1	3.2	470	7.1	2	200	10	81	15	1.6	<5	20	3.97	109.0	0.59	14	66	110
82N04	2005	1522	11	454559	5651772	6	10	<0.1	1.0	940	<1.0	<1	322	5	26	3	0.9	<4	19	1.71	185.0	0.60	<13	86	190
82N04	2005	1523	11	454559	5651772	6	20	<0.2	1.3	810	<0.5	<1	280	5	22	3	1.8	<2	14	1.64	163.0	0.47	13	71	190
82N04	2005	1524	11	458791	5652399	6		<0.3	1.3	1100	2.8	2	270	8	36	7	2.9	<5	20	2.82	158.0	0.55	<17	86	80
82N04	2005	1525	11	458193	5654217	6		<0.1	1.9	750	7.3	<1	307	7	39	7	1.3	<5	22	2.68	175.0	0.70	<23	79	140
82N04	2005	1526	11	458875	5656366	6		<0.1	2.1	560	<0.5	1	160	7	30	4	1.0	<2	10	1.60	84.6	0.61	<8	56	180
82N04	2005	1527	11	458402	5656613	6		<0.1	<1.1	1000	1.8	<1	270	7	28	5	1.6	<5	16	2.26	155.0	0.67	<16	77	170
82N04	2005	1528	11	458580	5658617	6		<0.2	2.6	620	1.2	4	200	8	74	13	1.7	<4	18	3.60	109.0	0.61	<6	57	120
82N04	2005	1529	11	458997	5658873	6		0.2	7.2	2200	13.0	2	140	13	58	14	1.2	<4	7	3.51	76.8	0.45	12	49	140
82N04	2005	1531	11	444256	5667708	6		<0.2	2.5	1300	6.2	2	120	13	619	22	1.7	<4	6	4.26	66.3	0.41	5	48	85
82N07	2005	2002	11	505920	5692226	6	10	<0.1	3.1	540	<0.5	5	110	2	82	16	1.4	<2	5	3.37	52.6	0.31	<3	42	110
82N07	2005	2003	11	505920	5692226	6	20	<0.1	3.4	450	0.8	4	110	2	86	16	1.5	<2	5	3.31	53.9	0.28	<3	43	130
82N07	2005	2004	11	505860	5691990	1		0.2	4.3	320	1.4	6	120	3	67	13	1.1	<2	5	2.71	55.9	0.26	<3	49	120

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
82N05	2005	1490	11	439307	5680380	6		5.8	8.4	0.90	1.0	0.7	8.5	1	5.8	2.6	160	15.87	435	8.18	0.06	145.0	7.97
82N05	2005	1492	11	439184	5680013	6		7.6	9.3	1.30	1.7	1.1	14.0	2	4.7	3.4	<50	15.64	330	3.80	0.02	145.0	7.33
82N04	2005	1493	11	444040	5676964	6		5.0	5.6	0.56	1.1	<0.5	9.2	<1	5.2	1.8	240	15.83	930	10.70	0.03	303.0	7.99
82N04	2005	1494	11	444924	5675523	6		7.8	7.6	0.52	0.7	0.5	12.0	<1	4.5	2.3	190	15.94	615	8.69	0.02	242.0	8.20
82N04	2005	1495	11	448068	5670985	6		11.7	8.1	0.66	1.0	0.9	20.5	<1	3.3	2.2	99	15.24	540	12.00	0.04	303.0	8.00
82N04	2005	1496	11	449227	5668545	6		13.0	7.2	0.55	1.2	1.1	21.1	<1	3.3	2.1	<50	18.26	420	13.67	0.02	278.0	8.03
82N04	2005	1497	11	450141	5666144	6		9.2	8.6	1.24	2.5	1.0	16.0	<1	4.6	3.4	<50	14.41	435	3.89	0.02	94.4	7.82
82N04	2005	1498	11	449563	5666071	6		8.1	10.6	1.06	1.3	1.0	14.0	<1	4.5	2.9	<50	11.02	465	8.20	<0.02	33.8	7.04
82N04	2005	1499	11	450602	5664550	6		12.8	10.4	1.01	1.9	1.2	20.0	4	6.5	3.9	<50	12.68	510	4.00	0.04	60.5	7.09
82N04	2005	1500	11	449817	5664355	6		9.2	11.3	0.75	1.1	0.9	15.0	3	8.9	2.9	85	10.24	555	4.23	0.05	116.0	7.35
82N04	2005	1502	11	441241	5661450	6		4.9	13.0	2.13	2.4	0.9	12.0	103	23.0	2.4	110	11.33	705	5.99	0.37	89.5	7.26
82N04	2005	1503	11	440149	5662028	6	10	9.1	13.2	1.38	2.1	1.3	19.0	6	9.3	3.4	61	14.70	795	3.10	0.26	119.0	7.49
82N04	2005	1504	11	440149	5662028	6	20	10.0	13.4	1.37	2.5	1.1	21.3	7	9.4	3.6	<50	15.40	780	2.69	0.22	116.0	7.34
82N04	2005	1505	11	444105	5659665	6		14.4	14.5	2.29	4.7	1.1	31.0	9	14.0	3.2	<50	16.64	1080	2.50	0.04	89.5	7.25
82N04	2005	1506	11	442229	5660689	6		8.7	13.9	1.64	3.3	1.2	17.0	26	17.0	2.7	63	8.50	975	5.58	0.05	79.9	7.26
82N04	2005	1507	11	448022	5658630	6		8.3	14.8	1.00	<0.5	<0.5	16.0	8	5.0	2.9	99	9.21	780	4.39	0.09	111.0	7.24
82N04	2005	1508	11	447789	5658385	6		18.2	19.7	2.69	3.2	1.0	25.6	13	6.8	3.6	<50	21.07	1110	0.70	0.05	82.3	7.18
82N03	2005	1510	11	471696	5654265	6		7.8	4.1	0.74	10.0	1.0	21.6	5	9.4	3.5	<50	16.24	240	3.59	<0.02	82.3	7.14
82N03	2005	1511	11	471987	5654181	6		7.3	7.5	0.35	0.9	1.0	15.0	3	6.8	3.7	<50	12.59	540	3.97	<0.02	206.0	6.35
82N03	2005	1512	11	471961	5653517	6		8.3	5.5	1.91	7.2	1.2	27.8	22	19.0	2.8	<50	13.30	630	1.99	0.07	65.3	6.97
82N03	2005	1513	11	471450	5652604	6		23.5	5.0	2.33	13.0	1.7	123.0	9	25.0	6.0	<50	19.47	300	0.40	<0.02	16.7	6.17
82N03	2005	1514	11	470472	5651253	6		18.4	13.6	2.70	13.0	1.7	118.0	16	40.0	6.3	<50	15.39	975	0.79	<0.02	25.0	6.45
82N03	2005	1515	11	469082	5650502	6		7.8	5.1	2.75	4.9	1.1	31.5	5	14.0	2.6	<50	14.32	720	0.69	0.06	32.1	6.52
82N03	2005	1516	11	467671	5650723	6		18.0	11.9	2.78	10.0	1.6	98.5	14	24.0	5.4	<50	16.92	675	0.47	0.03	42.8	6.55
82N03	2005	1517	11	466403	5652404	6		4.7	7.5	0.64	2.5	<0.5	11.0	3	5.2	1.9	<50	14.11	330	1.20	<0.02	42.8	6.73
82N04	2005	1518	11	461939	5650801	6		13.8	13.3	2.43	7.9	<0.5	50.3	5	50.8	4.3	<50	10.17	1005	6.58	<0.02	33.3	6.46
82N04	2005	1519	11	460629	5650404	6		12.2	12.8	2.53	6.1	1.5	40.3	6	16.0	3.4	<50	11.62	1230	3.66	<0.02	16.7	6.07
82N04	2005	1520	11	454298	5651614	6		10.7	10.6	1.17	3.8	1.0	34.7	22	26.0	4.0	<50	11.04	645	4.83	0.03	53.6	6.80
82N04	2005	1522	11	454559	5651772	6	10	12.3	4.1	2.37	9.5	1.2	147.0	8	36.0	3.7	<50	13.91	405	1.67	0.03	26.2	6.49
82N04	2005	1523	11	454559	5651772	6	20	10.9	3.8	2.39	8.2	0.9	117.0	4	28.0	3.0	<50	15.68	435	1.70	0.03	26.2	6.37
82N04	2005	1524	11	458791	5652399	6		12.5	10.8	2.41	7.1	1.3	44.5	16	48.0	3.7	<50	11.80	870	4.79	<0.02	55.9	6.84
82N04	2005	1525	11	458193	5654217	6		11.5	5.6	1.96	11.0	1.2	125.0	11	65.2	4.3	<50	12.10	555	8.47	0.04	16.7	6.24
82N04	2005	1526	11	458875	5656366	6		9.1	5.2	1.88	13.0	1.1	29.9	7	22.0	4.1	<50	16.00	420	1.39	0.23	59.5	6.49
82N04	2005	1527	11	458402	5656613	6		11.2	6.2	2.31	8.6	<0.5	89.5	9	43.0	4.2	<50	12.28	690	3.25	0.13	35.7	6.47
82N04	2005	1528	11	458580	5658617	6		10.0	10.4	1.63	4.8	1.3	46.3	13	13.0	3.9	<50	15.42	765	2.57	0.10	100.0	7.38
82N04	2005	1529	11	458997	5658873	6		8.7	8.5	1.05	5.5	0.9	23.2	27	19.0	3.0	170	10.84	675	7.03	0.08	131.0	7.19
82N04	2005	1531	11	444256	5667708	6		8.7	12.2	0.62	1.9	1.0	15.0	21	5.7	3.0	180	11.86	675	6.03	<0.02	159.0	8.02
82N07	2005	2002	11	505920	5692226	6	10	6.9	10.5	0.75	<0.5	0.8	15.0	1	2.0	1.9	73	12.47	820	8.85	0.04	312.0	8.38
82N07	2005	2003	11	505920	5692226	6	20	6.9	10.6	0.75	1.4	<0.5	15.0	<1	2.1	1.8	<50	13.05	820	8.85	0.04	312.0	8.41
82N07	2005	2004	11	505860	5691990	1		7.0	8.9	0.70	<0.5	0.9	14.0	<1	1.7	1.7	<50	10.47	1000	10.67	ns	ns	ns

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
82N07	2005	2005	11	505055	5691309	1		0.4	5.5	590	2.3	5	69	3	61	10	0.8	<2	5	2.47	34.0	0.26	<3	31	86
82N07	2005	2006	11	505034	5690884	6		0.2	2.7	370	3.9	2	65	2	47	7	0.6	<2	8	1.71	32.0	0.23	<2	30	50
82N13	2005	2008	11	448742	5755537	6		0.4	10.0	490	0.6	<1	250	3	85	15	2.9	<2	26	4.04	119.0	0.87	<4	100	99
82N13	2005	2009	11	444924	5756694	6		0.5	27.0	450	2.5	<1	327	2	96	21	3.5	<4	20	4.61	162.0	0.89	<4	130	110
82N13	2005	2010	11	442524	5756421	6		0.2	14.0	520	1.0	<1	200	2	79	15	2.0	<2	17	3.90	96.1	0.77	<4	83	67
82N13	2005	2011	11	439104	5755767	6		0.3	8.3	370	<0.5	10	160	3	99	14	1.6	<2	7	4.08	83.5	0.32	<2	63	97
82N13	2005	2012	11	437610	5749816	6		0.2	4.3	540	6.2	<1	140	3	79	14	1.5	<4	8	3.55	71.5	0.44	<4	61	120
82N13	2005	2013	11	438658	5748593	6		<0.1	4.1	320	7.6	1	140	3	70	13	1.7	<2	10	3.79	69.3	0.50	<3	56	64
82N13	2005	2014	11	441911	5746133	6		<0.1	2.1	340	23.0	2	150	2	57	10	1.5	<2	9	5.92	78.0	0.56	<3	63	56
82N13	2005	2015	11	443420	5744900	6		0.4	10.0	430	2.6	4	170	3	120	22	1.6	<4	9	5.91	89.3	0.39	<4	71	96
82N13	2005	2016	11	445748	5743242	6		0.2	6.6	410	9.3	2	120	3	82	16	1.0	<2	7	3.96	60.7	0.32	<2	48	89
82N13	2005	2017	11	446661	5742363	6		0.5	12.0	490	10.0	9	96	3	90	18	0.9	<2	2	3.81	52.3	0.21	<2	39	91
82N13	2005	2018	11	448212	5741126	6		<0.1	1.6	140	48.0	16	49	2	30	5	0.5	<2	2	1.37	26.0	0.19	<2	24	28
82N13	2005	2019	11	451883	5738774	6		0.3	6.0	470	12.0	3	170	4	80	14	1.7	<4	14	3.73	84.1	0.47	<4	72	81
82N13	2005	2020	11	453986	5737545	6		0.4	5.5	440	8.4	2	150	3	77	15	1.4	<4	10	3.46	74.7	0.38	5	56	97
82N11	2005	2022	11	493697	5726611	6		0.3	5.0	220	6.3	4	76	3	58	10	0.8	<2	5	2.23	38.0	0.24	<3	35	78
82N11	2005	2023	11	491789	5724587	6		<0.1	3.4	230	2.3	10	73	3	61	13	1.0	<2	3	3.10	38.0	0.26	<2	30	91
82N11	2005	2024	11	490771	5724974	6		0.3	4.3	200	0.9	9	91	4	74	15	0.6	<2	3	3.37	47.0	0.29	<3	37	78
82N11	2005	2025	11	489070	5724050	6		0.2	2.6	94	3.0	17	33	<1	30	7	0.4	<2	2	1.66	17.0	0.12	<1	15	40
82N11	2005	2027	11	486458	5724064	6		0.6	6.2	190	11.0	8	55	2	47	12	0.7	<2	3	3.04	27.0	0.22	3	22	60
82N11	2005	2028	11	483179	5723948	6		0.4	4.5	86	0.8	21	45	2	38	10	0.4	<2	1	2.03	26.0	0.12	<1	19	51
82N11	2005	2029	11	481156	5723768	6		0.3	3.7	85	1.1	21	55	1	30	9	0.6	<2	<1	1.87	31.0	0.12	<1	25	31
82N11	2005	2030	11	479990	5714348	6	10	0.4	3.1	560	6.3	<1	150	4	96	17	1.9	<2	5	4.38	79.3	0.39	<4	68	130
82N11	2005	2031	11	479990	5714348	6	20	0.3	3.5	510	5.3	<1	150	5	91	17	1.7	<2	5	4.21	81.4	0.41	<3	67	100
82N11	2005	2032	11	495856	5707065	6		<0.1	3.6	290	1.7	6	92	5	77	18	1.1	<2	3	4.31	50.0	0.33	<3	37	110
82N11	2005	2033	11	493528	5707731	6		0.2	3.3	440	<0.5	7	130	3	81	17	1.6	<2	5	3.37	68.6	0.29	<2	58	97
82N11	2005	2034	11	489999	5708444	6		0.2	1.8	310	7.8	7	120	5	69	11	1.4	<2	3	3.13	61.4	0.26	<3	51	100
82N12	2005	2035	11	460804	5709179	6		<0.1	2.7	320	5.7	<1	100	3	63	10	1.2	<2	9	3.13	50.0	0.47	<3	41	70
82N05	2005	2036	11	464370	5705474	6		<0.1	1.4	260	0.5	<1	100	2	59	11	1.3	<2	15	2.72	52.0	0.54	<3	44	61
82N12	2005	2037	11	464504	5705595	6		<0.1	1.5	170	0.7	<1	180	2	76	12	2.3	<2	20	4.61	96.0	0.77	<4	73	43
82N05	2005	2038	11	465129	5702978	6		0.2	1.3	280	1.1	<1	94	3	63	11	1.1	<2	11	2.71	48.0	0.46	<3	44	71
82N11	2005	2039	11	468986	5706153	6		0.2	3.9	240	6.6	<1	140	2	54	12	2.2	<2	14	3.34	68.0	0.57	<3	64	52
82N06	2005	2040	11	471825	5703280	6		0.3	8.8	270	13.0	<1	170	2	67	15	2.3	<2	15	3.84	82.0	0.65	<4	72	81
82N06	2005	2042	11	474340	5702972	6		0.6	18.0	360	7.1	<1	200	3	74	18	2.3	<2	18	4.32	100.0	0.72	<4	81	74
82N06	2005	2043	11	476917	5693752	6		0.7	14.0	280	18.0	1	280	3	130	19	2.9	<5	23	4.77	135.0	0.72	<5	130	85
82N06	2005	2044	11	477374	5695517	6		1.6	29.0	340	3.2	1	210	4	100	19	2.7	<4	15	4.87	97.6	0.69	<4	83	100
82N06	2005	2045	11	475106	5698129	6		0.6	13.0	350	4.7	1	200	3	93	21	2.4	<2	18	4.51	94.3	0.76	<4	88	100
82N06	2005	2046	11	475592	5698758	6		0.6	8.8	350	0.7	2	180	2	83	17	1.8	<4	14	4.85	85.6	0.67	<4	79	110
82N06	2005	2047	11	474974	5699132	6		0.6	16.0	410	8.0	1	180	3	84	18	1.9	<4	16	4.20	86.9	0.69	<4	72	98
82N06	2005	2048	11	475406	5700107	6		0.4	5.9	500	7.0	<1	240	3	73	15	3.0	<4	20	4.43	113.0	0.77	<4	100	86

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
82N07	2005	2005	11	505055	5691309	1		4.5	8.0	0.53	<0.5	<0.5	10.0	2	3.4	1.5	94	10.04	1500	13.00	ns	ns	ns
82N07	2005	2006	11	505034	5690884	6		4.0	5.4	0.48	1.3	<0.5	7.9	<1	1.7	1.3	<50	10.27	570	9.89	0.05	361.0	8.16
82N13	2005	2008	11	448742	5755537	6		17.4	11.3	0.62	<0.5	1.5	34.0	3	7.1	5.3	<50	15.00	390	4.18	0.03	180.0	8.09
82N13	2005	2009	11	444924	5756694	6		22.3	11.4	0.94	2.4	2.3	37.6	2	7.2	5.6	<50	16.42	320	4.19	0.04	180.0	8.04
82N13	2005	2010	11	442524	5756421	6		13.3	10.0	0.88	2.0	1.0	28.1	3	5.8	4.7	51	14.31	370	3.68	0.03	209.0	7.90
82N13	2005	2011	11	439104	5755767	6		10.0	12.5	0.44	<0.5	1.0	18.0	2	1.9	2.0	57	12.22	720	15.87	0.04	312.0	8.46
82N13	2005	2012	11	437610	5749816	6		10.1	11.5	0.94	2.0	1.4	18.0	2	3.8	2.6	73	8.31	720	9.65	0.06	168.0	8.05
82N13	2005	2013	11	438658	5748593	6		9.2	11.0	0.91	2.7	<0.5	16.0	2	3.7	2.9	71	10.66	630	9.57	0.09	262.0	8.30
82N13	2005	2014	11	441911	5746133	6		10.2	10.3	0.80	2.1	0.8	16.0	3	3.8	3.5	<50	11.68	450	10.85	0.11	385.0	8.38
82N13	2005	2015	11	443420	5744900	6		10.7	15.4	0.62	<0.5	1.1	20.1	3	3.0	2.4	80	10.90	550	10.16	0.05	271.0	8.32
82N13	2005	2016	11	445748	5743242	6		7.3	11.7	0.73	<0.5	<0.5	15.0	2	2.4	2.0	76	10.99	640	10.17	0.03	295.0	8.27
82N13	2005	2017	11	446661	5742363	6		6.2	12.1	0.52	0.8	<0.5	15.0	3	2.3	1.4	64	10.60	640	17.13	0.03	340.0	8.42
82N13	2005	2018	11	448212	5741126	6		3.5	4.5	0.34	<0.5	<0.5	6.4	<1	1.2	1.1	<50	7.20	240	29.21	0.03	443.0	8.36
82N13	2005	2019	11	451883	5738774	6		10.3	10.3	0.52	1.5	<0.5	18.0	2	2.9	2.8	<50	9.74	480	10.97	0.04	275.0	8.34
82N13	2005	2020	11	453986	5737545	6		9.2	10.5	0.74	<0.5	<0.5	17.0	<1	3.3	2.3	54	9.65	660	11.59	0.03	402.0	8.32
82N11	2005	2022	11	493697	5726611	6		4.9	7.6	0.30	<0.5	<0.5	12.0	2	2.0	1.5	<50	8.94	640	14.77	0.50	221.0	8.25
82N11	2005	2023	11	491789	5724587	6		5.1	9.1	0.50	0.8	<0.5	12.0	2	2.1	1.6	51	11.75	450	19.30	0.13	230.0	8.21
82N11	2005	2024	11	490771	5724974	6		6.1	10.5	0.43	1.2	0.6	13.0	2	1.7	1.9	<50	12.30	700	16.52	0.10	299.0	8.44
82N11	2005	2025	11	489070	5724050	6		2.3	4.5	0.23	0.8	<0.5	6.7	<1	1.1	0.8	<50	14.66	420	34.10	0.12	209.0	8.15
82N11	2005	2027	11	486458	5724064	6		3.7	7.8	0.45	0.8	<0.5	15.0	<1	3.2	1.3	<50	9.70	970	24.63	0.09	230.0	8.11
82N11	2005	2028	11	483179	5723948	6		2.8	6.3	0.21	<0.5	<0.5	6.7	<1	0.6	0.8	<50	12.50	450	31.65	0.18	238.0	8.18
82N11	2005	2029	11	481156	5723768	6		3.3	5.1	0.19	<0.5	<0.5	6.3	<1	0.8	0.8	<50	13.08	360	32.30	0.12	205.0	8.22
82N11	2005	2030	11	479990	5714348	6	10	10.0	13.3	0.92	<1.0	0.8	18.0	3	2.5	2.4	68	8.01	690	7.55	0.50	410.0	8.10
82N11	2005	2031	11	479990	5714348	6	20	10.0	12.9	0.93	1.2	1.0	18.0	<1	2.0	2.6	80	7.80	690	7.56	0.05	410.0	8.25
82N11	2005	2032	11	495856	5707065	6		6.5	12.3	0.72	<0.5	0.8	15.0	2	2.6	2.0	84	7.84	870	13.79	0.05	340.0	8.44
82N11	2005	2033	11	493528	5707731	6		8.2	11.1	0.64	1.6	0.7	19.0	2	2.4	1.9	53	10.41	640	13.22	0.05	357.0	8.41
82N11	2005	2034	11	489999	5708444	6		7.6	10.2	0.66	1.2	<0.5	14.0	2	1.3	1.7	<50	6.82	640	19.98	0.13	525.0	8.45
82N12	2005	2035	11	460804	5709179	6		7.1	8.8	0.51	2.0	0.9	12.0	2	3.6	3.0	<50	12.14	390	4.41	0.05	77.9	7.29
82N05	2005	2036	11	464370	5705474	6		7.6	8.2	0.56	1.8	0.9	14.0	3	3.1	3.2	<50	14.35	280	1.98	0.03	102.0	7.32
82N12	2005	2037	11	464504	5705595	6		12.8	15.1	0.81	2.6	1.5	24.6	2	6.4	4.7	<50	18.03	320	1.97	0.04	135.0	7.79
82N05	2005	2038	11	465129	5702978	6		7.1	7.9	0.47	1.5	1.1	13.0	1	3.3	2.8	<50	12.97	270	2.56	0.03	135.0	7.87
82N11	2005	2039	11	468986	5706153	6		10.0	6.7	0.67	1.0	1.1	16.0	2	4.0	3.5	<50	11.23	240	7.62	0.03	262.0	8.36
82N06	2005	2040	11	471825	5703280	6		11.8	8.6	0.63	1.6	1.3	20.2	2	5.1	4.0	<50	9.93	340	10.11	0.03	287.0	8.18
82N06	2005	2042	11	474340	5702972	6		14.0	9.0	0.81	1.8	1.8	23.0	3	5.8	4.6	55	10.64	340	5.84	0.04	271.0	8.15
82N06	2005	2043	11	476917	5693752	6		19.8	11.3	0.69	<1.1	1.4	26.1	4	7.0	4.4	<50	10.65	490	10.80	0.03	221.0	8.27
82N06	2005	2044	11	477374	5695517	6		14.8	11.7	0.56	1.4	1.3	20.3	2	3.8	4.3	<50	13.07	550	6.40	0.03	271.0	8.29
82N06	2005	2045	11	475106	5698129	6		14.3	10.7	0.64	1.7	1.6	21.4	<1	5.8	4.7	<50	11.31	450	5.79	0.03	275.0	8.20
82N06	2005	2046	11	475592	5698758	6		12.9	10.0	0.54	1.7	1.4	20.2	4	4.1	4.1	<50	15.99	370	5.42	0.04	160.0	7.87
82N06	2005	2047	11	474974	5699132	6		13.0	10.1	0.70	<0.5	1.4	19.0	3	5.1	4.5	<50	9.38	480	5.24	0.03	287.0	7.98
82N06	2005	2048	11	475406	5700107	6		16.7	9.5	0.75	1.7	1.5	21.5	2	5.7	4.9	<50	12.53	390	8.88	0.04	205.0	8.00

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
82N07	2005	2049	11	511312	5681589	6		0.4	4.4	710	20.0	11	50	3	40	6	0.6	<2	3	1.76	25.0	0.15	<3	22	50
82N07	2005	2050	11	518755	5679036	6	10	<0.1	1.9	420	<0.5	7	96	3	80	15	1.0	<2	4	3.57	51.3	0.27	<3	42	92
82N07	2005	2051	11	518755	5679036	6	20	0.2	2.2	440	<0.5	7	100	3	79	16	1.3	<2	4	3.72	52.1	0.28	<3	41	91
82N02	2005	2052	11	534713	5651433	1		0.2	3.3	1500	2.4	13	18	<1	21	2	0.3	<2	2	0.92	9.0	0.07	<1	10	20
82N02	2005	2054	11	533299	5652465	6		0.1	2.8	510	17.0	11	23	<1	24	3	0.3	<2	2	1.03	12.0	0.10	<1	13	26
82N02	2005	2055	11	532171	5655542	6		0.2	3.2	880	2.3	10	30	<1	28	4	0.4	<2	4	0.95	15.0	0.13	<1	15	28
82N02	2005	2056	11	529752	5657286	6		0.4	4.0	3000	3.9	9	29	2	41	4	0.4	<2	4	1.07	15.0	0.13	4	15	48
82N02	2005	2057	11	525987	5659945	6		0.2	2.9	110	29.0	15	17	<1	17	2	0.3	<2	2	0.68	8.9	0.09	<1	11	16
82N02	2005	2058	11	523589	5661573	1		0.3	5.5	140	5.2	15	15	<1	17	3	0.3	<2	2	1.16	8.7	0.09	<1	8	<15
82N02	2005	2059	11	524244	5661221	6		0.2	4.7	220	15.0	11	24	<1	22	3	0.4	<2	2	1.05	12.0	0.11	<1	14	23
82N02	2005	2060	11	521600	5663184	6		0.2	3.3	450	7.8	15	13	<1	12	2	<0.2	<2	1	0.67	7.0	0.06	<1	9	<15
82N02	2005	2062	11	520333	5664645	6		<0.1	0.7	1100	24.0	23	9	<1	11	2	<0.2	<2	<1	0.45	4.5	<0.05	<1	8	<15
82N02	2005	2063	11	518178	5666037	6		0.3	3.5	810	9.3	5	52	3	46	9	0.7	<2	5	2.18	27.0	0.20	<2	23	63
82N02	2005	2064	11	517143	5667077	6		0.4	4.7	710	59.5	9	18	1	19	4	0.4	<2	2	1.00	13.0	0.16	<3	17	<15
82N02	2005	2065	11	515595	5668988	6	10	0.9	6.2	4100	1.7	6	44	2	46	5	0.6	<2	7	1.45	23.0	0.19	8	22	65
82N02	2005	2066	11	515595	5668988	6	20	0.8	6.5	3500	1.3	5	44	2	46	5	0.5	<2	6	1.49	23.0	0.21	9	20	72
82N02	2005	2067	11	513075	5670141	6		0.2	<0.5	1400	74.5	11	18	<1	22	2	0.4	<2	2	0.67	10.0	0.08	<2	11	<15
82N02	2005	2068	11	511117	5671626	6		0.9	2.2	1200	50.2	18	10	<1	9	4	<0.2	2	<1	0.72	5.6	0.06	4	10	<15
82N02	2005	2069	11	524015	5652954	6		0.3	1.8	550	5.4	2	78	6	76	11	0.9	<2	5	3.33	41.0	0.31	<4	36	80
82N02	2005	2070	11	514478	5656583	6		1.2	5.1	240	11.0	<1	84	4	71	9	1.1	<2	10	2.61	40.0	0.45	4	39	100
82N02	2005	2071	11	503923	5661007	6		1.5	13.0	2400	36.0	<1	140	5	120	15	1.6	<4	11	3.45	70.5	0.48	<4	62	84
82N02	2005	2072	11	503320	5661354	6		1.1	17.0	340	34.0	<1	120	5	120	12	1.6	<2	9	3.02	61.7	0.43	<8	57	58
82N02	2005	2074	11	510977	5657641	6		1.2	10.0	330	10.0	1	96	4	75	12	1.2	<2	16	3.23	44.0	0.56	<3	38	100
82N02	2005	2075	11	509164	5658867	6		1.3	8.3	290	11.0	<1	100	5	82	15	1.4	<2	17	3.19	47.0	0.60	<3	45	100
82N02	2005	2076	11	507592	5659958	6		0.4	6.9	610	5.3	1	98	6	110	16	1.3	<2	5	4.41	51.0	0.33	<3	42	120
82N02	2005	2077	11	506447	5660299	6		1.1	8.8	380	11.0	1	99	4	82	15	1.3	<2	12	3.87	47.0	0.54	<3	45	100
82N02	2005	2078	11	504765	5661544	6		0.5	5.2	570	35.0	1	93	4	87	11	1.1	<2	10	3.02	45.0	0.43	<3	43	59
82N11	2005	2079	11	471413	5721060	6		0.5	11.0	230	17.0	13	87	2	53	18	0.7	<2	4	2.84	45.0	0.19	<1	35	48
82N11	2005	2080	11	468227	5724538	6		0.2	4.6	200	9.3	23	28	<1	20	6	0.3	<2	1	1.13	15.0	0.07	<2	11	28
82N01	2005	2082	11	541691	5661722	6		0.3	2.7	590	10.0	1	110	4	62	15	1.4	<2	6	3.10	51.5	0.34	<3	44	92
82N01	2005	2083	11	543214	5660511	6		0.3	1.7	420	31.0	10	45	2	35	7	0.6	<2	4	1.69	22.0	0.21	<3	23	46
82N01	2005	2085	11	544945	5661990	6	10	0.3	8.0	490	5.9	3	130	5	88	18	1.8	<2	5	4.35	68.6	0.35	<3	57	88
82N01	2005	2086	11	544945	5661990	6	20	0.5	10.0	480	7.2	3	130	4	81	17	1.6	<4	5	4.32	66.1	0.33	<3	52	99
82N01	2005	2087	11	551074	5659357	6		0.4	5.1	380	7.5	6	91	4	83	15	1.1	<2	3	3.64	51.4	0.26	<2	40	82
82N01	2005	2088	11	551097	5659302	6		0.3	1.7	380	0.7	6	100	4	85	17	1.3	<2	3	3.99	55.3	0.29	<2	50	92
82N01	2005	2089	11	550438	5658672	6		0.4	116.0	410	12.0	1	92	6	75	13	1.0	<2	4	3.49	50.0	0.30	<3	40	98
82N01	2005	2090	11	550154	5656382	1		0.4	37.0	410	5.1	3	97	5	92	14	0.8	<2	3	3.93	53.1	0.26	<3	45	95
82N01	2005	2091	11	539521	5658005	6		1.3	8.2	4200	2.9	6	43	2	48	6	0.8	<2	5	1.61	22.0	0.21	9	17	65
82N01	2005	2092	11	538610	5659269	6		0.6	7.9	3300	2.0	5	47	3	64	7	0.5	<2	5	1.85	25.0	0.19	5	24	79
82N01	2005	2093	11	537389	5660516	6		0.3	2.5	2200	13.0	2	62	4	54	8	0.5	<2	5	2.08	30.0	0.20	3	28	57

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
82N07	2005	2049	11	511312	5681589	6		3.3	5.1	0.33	0.6	<0.5	7.2	<1	2.2	0.9	<50	7.21	930	27.82	0.06	451.0	8.37
82N07	2005	2050	11	518755	5679036	6	10	6.6	10.8	0.91	<0.5	<0.5	15.0	2	2.0	1.7	73	11.84	670	12.60	0.03	373.0	8.46
82N07	2005	2051	11	518755	5679036	6	20	6.7	10.7	0.92	1.0	0.7	15.0	2	1.9	1.7	<50	13.78	660	13.00	0.25	373.0	8.41
82N02	2005	2052	11	534713	5651433	1		1.3	2.3	0.06	<0.5	<0.5	2.7	<1	1.6	0.4	85	15.60	300	27.87	ns	ns	ns
82N02	2005	2054	11	533299	5652465	6		1.8	3.0	0.18	<0.5	<0.5	3.4	<1	1.0	0.6	110	11.53	300	32.56	<0.02	321.0	7.78
82N02	2005	2055	11	532171	5655542	6		2.2	3.1	0.15	<0.5	<0.5	4.4	<1	1.8	0.8	<50	16.36	370	21.65	<0.02	357.0	8.02
82N02	2005	2056	11	529752	5657286	6		2.1	4.0	0.08	<0.5	<0.5	4.4	<1	3.3	0.8	<50	18.50	510	22.52	<0.02	309.0	8.13
82N02	2005	2057	11	525987	5659945	6		1.3	2.1	0.08	<0.5	<0.5	2.7	<1	1.5	0.6	<50	12.77	570	38.87	<0.02	286.0	7.57
82N02	2005	2058	11	523589	5661573	1		1.3	1.9	0.07	<0.5	<0.5	2.5	<1	0.9	0.5	70	12.29	450	39.70	ns	ns	ns
82N02	2005	2059	11	524244	5661221	6		2.2	2.5	0.11	<0.5	<0.5	2.8	<1	1.3	0.7	<50	14.97	460	31.84	<0.02	321.0	7.94
82N02	2005	2060	11	521600	5663184	6		1.0	1.6	0.07	<0.5	<0.5	1.8	<1	0.9	0.4	<50	18.41	340	36.23	<0.02	288.0	7.93
82N02	2005	2062	11	520333	5664645	6		0.6	1.2	0.14	<0.5	<0.5	1.5	<1	0.6	0.3	<50	5.84	400	42.10	<0.02	440.0	8.12
82N02	2005	2063	11	518178	5666037	6		3.6	6.0	0.56	0.6	<0.5	7.5	<1	2.1	1.3	<50	10.79	510	18.32	<0.02	369.0	8.16
82N02	2005	2064	11	517143	5667077	6		2.0	3.8	0.25	<0.5	<0.5	2.5	<1	2.6	0.9	<50	7.93	250	37.08	<0.02	374.0	7.93
82N02	2005	2065	11	515595	5668988	6	10	3.0	5.0	0.14	0.7	<0.5	6.2	<1	4.9	1.1	<50	15.52	820	12.09	<0.02	286.0	7.87
82N02	2005	2066	11	515595	5668988	6	20	3.0	5.1	0.15	0.7	<0.5	7.1	<1	4.8	1.2	<50	14.30	880	11.88	<0.02	286.0	7.93
82N02	2005	2067	11	513075	5670141	6		1.4	2.3	0.22	<0.5	<0.5	2.7	<1	2.0	0.6	<50	10.33	270	37.79	0.02	488.0	7.73
82N02	2005	2068	11	511117	5671626	6		1.0	1.8	0.11	<0.5	<0.5	1.1	<1	3.1	0.4	120	7.87	360	55.19	0.03	536.0	7.61
82N02	2005	2069	11	524015	5652954	6		5.7	11.2	0.94	1.5	<0.5	12.0	4	<1.1	1.9	54	10.04	700	10.93	<0.02	440.0	8.08
82N02	2005	2070	11	514478	5656583	6		6.3	10.0	0.16	1.3	0.6	13.0	<1	3.2	2.8	<50	11.78	780	12.72	<0.02	357.0	8.00
82N02	2005	2071	11	503923	5661007	6		10.0	10.3	1.00	1.1	1.0	17.0	<1	5.8	3.0	72	10.14	520	13.84	<0.02	179.0	7.38
82N02	2005	2072	11	503320	5661354	6		8.8	9.0	0.85	1.5	0.8	15.0	5	24.0	2.7	<50	8.61	520	22.70	<0.02	179.0	7.42
82N02	2005	2074	11	510977	5657641	6		6.9	10.0	0.24	0.9	1.0	14.0	3	3.9	3.4	<50	13.00	620	8.96	<0.02	393.0	7.96
82N02	2005	2075	11	509164	5658867	6		7.4	10.8	0.21	1.2	1.1	15.0	2	3.9	3.5	<50	13.02	570	8.75	<0.02	393.0	7.91
82N02	2005	2076	11	507592	5659958	6		6.5	14.2	0.68	1.5	0.7	15.0	<1	3.6	2.1	89	10.37	630	8.96	<0.02	452.0	7.99
82N02	2005	2077	11	506447	5660299	6		7.6	10.3	0.34	1.0	0.8	14.0	<1	5.0	3.2	<50	10.05	660	12.49	<0.02	333.0	7.93
82N02	2005	2078	11	504765	5661544	6		6.8	8.5	0.36	0.9	0.6	12.0	2	3.5	2.4	<50	11.50	490	17.07	<0.02	238.0	7.80
82N11	2005	2079	11	471413	5721060	6		5.3	6.5	0.44	<0.5	<0.5	8.4	<1	1.5	1.3	<50	10.74	580	26.29	<0.02	286.0	8.04
82N11	2005	2080	11	468227	5724538	6		1.8	2.8	0.20	<0.5	<0.5	4.0	<1	0.9	0.5	<50	6.77	330	37.60	<0.02	321.0	7.99
82N01	2005	2082	11	541691	5661722	6		6.9	10.1	1.59	1.5	0.8	15.0	3	2.7	2.2	52	9.85	980	9.37	<0.02	321.0	7.83
82N01	2005	2083	11	543214	5660511	6		3.5	5.1	1.32	0.7	<0.5	5.5	<1	2.2	1.4	<50	7.57	210	28.46	0.05	345.0	8.05
82N01	2005	2085	11	544945	5661990	6	10	8.6	12.5	1.23	1.7	1.1	18.0	3	2.4	2.1	53	12.14	960	8.16	0.03	202.0	7.43
82N01	2005	2086	11	544945	5661990	6	20	8.3	12.3	1.26	2.3	1.1	17.0	<2	2.6	2.2	56	10.26	920	8.06	0.03	202.0	7.56
82N01	2005	2087	11	551074	5659357	6		6.0	10.8	0.72	0.9	<0.5	13.0	<1	1.9	1.6	78	10.92	790	15.05	<0.02	190.0	7.61
82N01	2005	2088	11	551097	5659302	6		6.9	12.0	0.74	0.7	0.7	15.0	<1	1.1	1.6	74	10.73	630	11.55	<0.02	202.0	7.22
82N01	2005	2089	11	550438	5658672	6		6.3	11.1	0.89	<0.5	0.9	13.0	3	2.6	1.9	62	9.45	860	17.60	0.09	286.0	7.51
82N01	2005	2090	11	550154	5656382	1		6.3	11.4	0.87	0.8	<0.5	15.0	<2	2.0	1.7	67	9.98	840	12.25	ns	ns	ns
82N01	2005	2091	11	539521	5658005	6		3.0	5.0	0.16	<0.5	<0.5	6.6	1	6.3	1.2	110	15.36	1080	16.07	<0.02	286.0	7.82
82N01	2005	2092	11	538610	5659269	6		3.3	6.2	0.29	0.9	<0.5	7.2	<1	4.0	1.2	<50	14.54	1050	12.38	<0.02	286.0	7.86
82N01	2005	2093	11	537389	5660516	6		4.2	5.8	0.73	<0.5	0.6	8.4	<1	2.8	1.3	<50	12.08	1000	13.92	<0.02	321.0	8.12

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
82N06	2005	2094	11	486205	5701042	6		0.6	1.9	490	9.0	<1	78	2	43	7	1.0	<2	15	1.85	35.0	0.47	<3	33	63
82N06	2005	2095	11	487657	5698704	6		0.6	1.5	590	18.0	<1	88	2	45	7	1.0	<2	14	1.87	40.0	0.47	<4	34	82
82N06	2005	2096	11	491422	5694205	6		0.8	5.9	780	17.0	<1	95	3	58	11	1.0	<2	12	2.51	42.0	0.46	<3	39	99
82N13	2005	2097	11	465134	5735803	6		0.3	2.5	160	13.0	<1	160	1	34	5	1.9	5	19	1.41	73.2	0.53	<3	66	24
82N13	2005	2098	11	462217	5735778	6		0.3	8.9	290	4.2	<1	324	<1	67	9	3.3	<4	33	2.80	153.0	0.86	<4	130	54
82N13	2005	2099	11	461470	5736114	6		0.3	19.0	380	6.0	<1	336	2	89	17	3.7	<5	27	3.72	158.0	0.81	<5	130	80
82N13	2005	2100	11	458461	5736662	6		0.4	16.0	490	8.3	1	160	3	82	15	2.0	<2	14	3.60	78.1	0.50	<3	71	99
82N13	2005	2102	11	457317	5736717	6		0.5	12.0	480	5.5	<1	140	4	100	20	1.4	<2	11	4.56	75.1	0.42	<3	56	120
82N13	2005	2103	11	454691	5737178	6		0.3	8.3	480	6.6	2	210	3	77	14	2.1	<2	25	3.11	101.0	0.62	<4	86	77
82N02	2005	2104	11	523361	5656180	6		0.2	2.0	1000	12.0	10	62	3	66	11	0.6	<2	4	2.66	32.0	0.22	<2	28	69
82N02	2005	2105	11	518104	5658988	6		0.7	2.4	490	17.0	<1	60	4	56	9	0.9	<2	9	2.41	30.0	0.36	<3	30	73
82N02	2005	2106	11	515132	5662636	6		1.0	5.0	1000	12.0	<1	84	4	83	13	1.2	<2	8	3.25	42.0	0.37	<4	34	95
82N02	2005	2107	11	513996	5663611	6		0.6	3.6	770	12.0	<1	82	4	76	14	1.5	<2	10	3.04	41.0	0.42	<3	35	78
82N02	2005	2108	11	512649	5664824	6		0.9	4.2	600	8.5	<1	79	3	61	9	1.1	<2	14	2.37	38.0	0.47	<3	32	77
82N13	2005	2109	11	439957	5745548	6	10	<0.1	2.2	440	2.8	2	383	4	130	16	4.3	<6	17	5.23	199.0	0.71	<6	150	73
82N13	2005	2110	11	439957	5745548	6	20	<0.1	<1.1	390	1.1	<1	427	3	120	17	4.6	<6	18	5.58	223.0	0.81	<7	170	88
82N13	2005	2111	11	442235	5743094	6		<0.1	<1.0	370	<1.0	<1	420	4	130	16	4.0	<6	24	4.40	210.0	1.30	<7	160	65
82N13	2005	2112	11	443860	5741847	6		0.3	1.8	650	1.2	5	150	1	140	27	2.2	<5	13	7.04	70.5	0.80	<4	63	90
82N13	2005	2113	11	448636	5738380	6		<0.1	<1.1	470	1.4	5	230	3	130	24	3.2	<6	24	7.38	109.0	1.20	<5	97	56
82N13	2005	2114	11	451647	5734390	6		<0.2	0.9	480	1.3	2	180	4	82	17	2.2	<5	14	5.03	87.3	1.00	<4	66	88
82N13	2005	2116	11	451679	5733585	6		0.2	<0.5	590	1.8	3	140	5	72	18	1.8	<2	9	4.57	67.2	0.76	<4	59	88
82N12	2005	2117	11	452132	5732397	6		0.3	1.6	630	10.0	2	250	7	87	18	2.6	<5	10	3.77	140.0	0.87	<5	96	79
82N12	2005	2118	11	455147	5728226	6		0.4	3.3	560	1.6	1	110	7	84	17	1.8	<2	8	4.01	52.5	0.59	<3	47	110
82N12	2005	2119	11	456872	5727558	6		0.3	3.5	370	2.1	1	100	4	61	13	1.3	<2	9	3.11	52.2	0.53	<3	44	78
82N12	2005	2120	11	458577	5725931	6		<0.1	3.3	440	3.4	<1	89	5	59	12	1.4	<2	10	3.13	45.0	0.55	<3	43	65
82N12	2005	2122	11	460989	5723304	6		0.3	4.5	370	5.1	<1	110	3	67	12	1.3	<2	12	3.66	54.1	0.61	<3	49	77
82N12	2005	2123	11	462180	5722227	6		0.2	2.7	210	0.9	<1	120	3	43	9	1.3	<2	13	2.82	56.9	0.74	<3	49	37
82N12	2005	2124	11	463860	5718791	6	10	<0.1	2.1	330	0.5	<1	110	3	58	11	1.3	<2	13	3.13	55.8	0.54	<3	48	68
82N12	2005	2125	11	463860	5718791	6	20	<0.1	1.4	350	<0.5	<1	110	3	59	11	1.1	<2	13	3.23	56.8	0.54	4	51	62
82N12	2005	2126	11	465338	5716964	6		0.3	4.0	250	2.5	<1	92	2	52	11	1.4	120	9	2.81	46.0	0.41	<3	41	49
82N11	2005	2127	11	466176	5715386	6		<0.1	4.4	310	2.7	<1	100	3	52	12	1.4	<2	10	2.87	50.5	0.48	<3	42	65
82N11	2005	2128	11	466882	5712605	6		0.4	8.1	360	3.3	<1	110	3	69	13	1.1	<2	15	3.44	53.3	0.57	3	48	80
82N11	2005	2129	11	469116	5710386	6		0.3	8.1	330	13.0	1	100	2	55	12	1.3	98	11	2.86	52.7	0.48	<3	47	61
82N14	2005	2130	11	469402	5734954	6		0.5	14.0	390	2.5	8	120	2	75	16	1.3	5	11	3.87	60.5	0.39	<3	47	66
82N02	2005	2131	11	508392	5674057	6		0.5	4.3	3200	2.6	12	37	1	28	4	0.4	<2	4	1.33	18.0	0.14	<1	17	26
82N11	2005	2132	11	465887	5732205	6		0.6	11.0	430	1.4	11	110	3	77	14	1.1	<2	7	3.60	61.4	0.28	<3	47	85
82N06	2005	2133	11	484170	5702647	6		0.9	5.9	620	29.0	<1	140	4	83	15	1.7	<2	17	4.03	61.8	0.69	7	57	100
82N06	2005	2135	11	477688	5704001	6		1.4	15.0	540	<0.5	1	190	4	92	18	2.1	<5	24	4.85	89.4	0.91	<5	74	120
82N11	2005	2136	11	476742	5707308	6		0.5	6.1	580	6.5	12	64	1	37	7	1.0	<2	7	1.63	30.0	0.27	<2	29	35
82N01	2005	2137	11	546059	5650572	6		0.3	3.0	630	17.0	3	56	10	56	9	0.7	<5	3	2.54	29.0	0.21	<3	25	58

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
82N06	2005	2094	11	486205	5701042	6		5.6	6.2	0.48	1.2	1.1	11.0	<1	5.2	2.8	<50	12.84	270	5.90	<0.02	85.7	6.96
82N06	2005	2095	11	487657	5698704	6		6.3	6.4	0.25	1.6	0.9	14.0	<1	8.9	2.7	<50	10.08	270	9.68	<0.02	85.7	6.74
82N06	2005	2096	11	491422	5694205	6		6.7	8.3	0.42	0.9	1.0	14.0	1	6.1	2.8	<50	10.43	600	9.18	<0.02	131.0	7.00
82N13	2005	2097	11	465134	5735803	6		10.5	4.3	0.36	<0.5	1.0	14.0	1	4.6	3.2	<50	11.69	180	8.96	<0.02	167.0	7.43
82N13	2005	2098	11	462217	5735778	6		20.8	7.1	0.65	<1.1	1.8	28.8	2	6.2	5.2	<50	13.61	240	4.38	<0.02	167.0	7.70
82N13	2005	2099	11	461470	5736114	6		21.2	10.1	0.79	<1.2	1.8	30.5	2	6.7	4.9	<50	11.66	360	6.69	<0.02	96.4	7.15
82N13	2005	2100	11	458461	5736662	6		10.7	10.3	0.69	1.0	1.0	20.0	1	5.0	3.2	51	11.59	490	9.15	<0.02	55.9	7.32
82N13	2005	2102	11	457317	5736717	6		9.4	12.6	0.70	<0.5	<0.5	17.0	<1	4.4	2.4	53	10.61	680	9.45	<0.02	88.1	7.12
82N13	2005	2103	11	454691	5737178	6		13.0	9.5	0.64	<0.5	1.6	23.8	2	4.4	3.8	<50	11.95	580	6.89	<0.02	190.0	7.42
82N02	2005	2104	11	523361	5656180	6		4.3	8.6	0.61	<0.5	<0.5	9.3	1	2.4	1.4	60	8.26	580	20.35	<0.02	274.0	7.63
82N02	2005	2105	11	518104	5658988	6		4.7	8.3	0.40	1.2	0.9	10.0	1	2.4	2.0	<50	9.04	900	14.73	<0.02	369.0	7.55
82N02	2005	2106	11	515132	5662636	6		5.9	10.0	0.57	<0.5	<0.5	13.0	<1	4.8	2.1	53	8.32	1050	10.07	<0.02	190.0	7.19
82N02	2005	2107	11	513996	5663611	6		6.2	10.0	0.52	<0.5	1.4	13.0	3	3.8	2.5	59	9.50	1060	10.11	<0.02	190.0	7.27
82N02	2005	2108	11	512649	5664824	6		5.8	8.4	0.29	1.4	0.8	13.0	<1	4.1	2.7	<50	15.95	600	5.27	<0.02	190.0	7.74
82N13	2005	2109	11	439957	5745548	6	10	26.7	16.7	1.06	3.5	2.1	60.6	4	14.0	4.2	<50	14.80	620	3.09	<0.02	36.9	6.36
82N13	2005	2110	11	439957	5745548	6	20	29.8	18.3	1.00	5.6	2.7	66.8	<1	15.0	4.9	<50	14.75	580	2.80	<0.02	36.9	6.52
82N13	2005	2111	11	442235	5743094	6		30.9	17.3	1.62	2.8	3.4	66.2	2	17.0	8.1	<50	18.07	450	1.10	<0.02	71.4	6.45
82N13	2005	2112	11	443860	5741847	6		12.4	26.9	1.69	1.1	2.0	16.0	2	4.0	5.1	56	19.43	480	0.50	<0.02	44.0	6.48
82N13	2005	2113	11	448636	5738380	6		19.4	28.5	1.55	2.3	2.6	28.3	<2	6.2	7.3	68	15.82	550	1.50	<0.02	100.0	6.84
82N13	2005	2114	11	451647	5734390	6		13.3	16.0	1.21	2.8	1.3	23.4	2	6.1	5.9	<50	17.20	580	3.59	<0.02	66.6	7.42
82N13	2005	2116	11	451679	5733585	6		11.6	16.0	1.35	2.6	1.7	19.0	4	4.9	4.8	<50	16.73	530	3.50	<0.02	131.0	7.09
82N12	2005	2117	11	452132	5732397	6		15.6	13.2	1.15	1.9	1.6	22.5	5	6.8	5.4	<50	11.68	830	11.82	<0.02	690.0	6.85
82N12	2005	2118	11	455147	5728226	6		8.8	13.6	0.90	1.5	1.1	15.0	5	3.9	3.5	61	12.99	650	5.19	<0.02	179.0	7.12
82N12	2005	2119	11	456872	5727558	6		8.0	10.0	1.00	2.2	1.1	13.0	2	3.2	3.3	68	16.03	450	3.94	<0.02	131.0	6.82
82N12	2005	2120	11	458577	5725931	6		7.1	10.0	0.76	1.5	1.0	12.0	3	3.6	3.3	<50	12.53	450	5.69	<0.02	100.0	7.47
82N12	2005	2122	11	460989	5723304	6		8.3	10.0	0.75	2.7	0.9	14.0	7	4.4	3.7	<50	13.07	360	5.58	<0.02	88.1	6.74
82N12	2005	2123	11	462180	5722227	6		8.9	8.2	0.69	2.2	1.1	14.0	3	4.1	4.5	<50	15.49	240	2.49	<0.02	95.2	7.21
82N12	2005	2124	11	463860	5718791	6	10	7.9	8.0	0.66	<0.5	0.9	14.0	<1	4.2	3.1	<50	13.96	280	2.79	<0.02	95.2	6.75
82N12	2005	2125	11	463860	5718791	6	20	8.1	8.4	0.66	1.8	1.1	14.0	<1	4.0	3.3	<50	13.98	270	2.89	<0.02	95.2	6.91
82N12	2005	2126	11	465338	5716964	6		6.6	7.3	0.66	1.4	1.0	12.0	2	3.2	2.5	<50	14.65	180	4.19	<0.02	114.0	6.80
82N11	2005	2127	11	466176	5715386	6		7.3	7.4	0.66	2.1	0.9	12.0	<1	3.9	3.0	<50	14.43	190	3.39	<0.02	131.0	7.14
82N11	2005	2128	11	466882	5712605	6		7.8	8.7	0.68	1.9	0.8	14.0	<1	4.1	3.6	<50	12.88	150	5.59	<0.02	202.0	7.10
82N11	2005	2129	11	469116	5710386	6		7.7	7.7	0.80	<0.5	1.2	14.0	<1	3.6	3.0	75	10.01	400	15.97	<0.02	357.0	7.71
82N14	2005	2130	11	469402	5734954	6		7.7	10.0	0.39	<0.5	1.1	14.0	2	2.0	2.5	51	16.16	165	13.59	<0.02	190.0	7.41
82N02	2005	2131	11	508392	5674057	6		2.5	4.0	0.21	0.5	<0.5	5.1	<1	1.8	0.9	<50	17.49	390	22.78	<0.02	381.0	7.70
82N11	2005	2132	11	465887	5732205	6		7.1	10.4	0.36	<0.5	0.8	13.0	2	2.5	1.8	55	13.21	190	18.10	<0.02	321.0	7.90
82N06	2005	2133	11	484170	5702647	6		10.1	12.4	0.62	1.4	1.7	20.6	<1	6.4	4.0	<50	9.95	750	11.93	<0.02	179.0	7.06
82N06	2005	2135	11	477688	5704001	6		13.9	13.1	0.56	<0.5	1.8	26.3	3	5.9	5.8	<50	12.15	320	5.19	<0.02	298.0	8.02
82N11	2005	2136	11	476742	5707308	6		4.4	5.0	0.44	<0.5	<0.5	8.1	<1	2.4	1.7	<50	10.54	190	22.71	<0.02	440.0	7.90
82N01	2005	2137	11	546059	5650572	6		3.8	8.6	0.75	<0.5	<0.5	8.6	2	2.1	1.3	<50	7.95	430	26.72	<0.02	369.0	7.88

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
82N01	2005	2138	11	544083	5652357	6		0.4	3.2	1800	21.0	5	50	6	50	6	0.8	<2	5	1.70	25.0	0.20	<4	27	73
82N01	2005	2139	11	542779	5654086	6		0.4	3.3	660	24.0	4	49	6	40	6	0.6	<2	4	1.56	25.0	0.20	<3	26	43
82N02	2005	2140	11	500856	5677003	6		0.5	3.2	1300	7.8	1	72	3	57	10	0.8	<2	9	2.69	35.0	0.33	<3	33	72
82N03	2005	2142	11	483602	5670056	6		0.9	11.0	480	3.6	<1	190	4	83	16	2.0	<4	13	4.09	90.2	0.57	<4	82	92
82N03	2005	2143	11	484291	5669249	6		1.1	33.0	540	5.8	<1	180	7	98	16	2.5	71	14	4.02	92.0	0.61	<4	77	110
82N03	2005	2144	11	484135	5671065	6		1.3	12.0	370	6.7	<1	230	4	96	19	2.9	<4	17	4.50	115.0	0.73	<4	99	95
82N03	2005	2145	11	485690	5670286	6		0.7	6.1	390	57.0	<1	170	3	120	15	2.2	<5	13	4.00	84.3	0.54	<4	75	83
82N03	2005	2146	11	486756	5665804	6		3.0	24.0	620	9.2	<1	240	7	130	19	2.7	<5	8	4.03	131.0	0.61	<5	110	110
82N03	2005	2147	11	484854	5664613	6		0.8	21.0	630	29.0	<1	170	8	100	18	2.0	<5	9	4.49	88.8	0.55	<4	76	88
82N03	2005	2148	11	484932	5662845	6		0.8	35.0	380	86.1	<1	130	7	81	16	2.1	<5	10	3.96	66.6	0.50	<5	57	81
82N03	2005	2149	11	491096	5667370	6		0.7	12.0	480	8.9	<1	160	5	190	17	2.0	<4	9	4.09	77.9	0.43	<4	65	98
82N03	2005	2150	11	490150	5668975	6		1.1	14.0	440	24.0	<1	200	4	170	20	2.3	150	12	4.21	101.0	0.56	<5	84	81
82N03	2005	2151	11	493403	5666346	6		1.8	20.0	460	21.0	<1	150	7	190	17	1.8	6	11	4.01	76.0	0.51	<4	67	79
82N03	2005	2152	11	499137	5664712	6		0.5	4.8	320	77.0	1	100	5	110	12	1.4	<4	9	2.91	50.6	0.38	<4	50	54
82N03	2005	2153	11	496468	5666227	6	10	0.8	9.4	600	3.5	<1	190	3	140	17	2.6	<2	21	4.26	89.0	0.85	<4	86	120
82N03	2005	2154	11	496468	5666227	6	20	0.7	8.7	630	2.9	<1	190	3	140	17	2.5	<4	21	4.28	87.6	0.87	<4	84	110
82N03	2005	2155	11	493143	5667720	6		2.6	26.0	340	17.0	<1	210	4	210	23	2.7	11	15	4.42	104.0	0.63	<4	87	75
82N03	2005	2157	11	492302	5668135	6		1.7	18.0	420	25.0	<1	160	10	190	20	1.9	23	10	4.68	78.6	0.47	<5	69	76
82N03	2005	2158	11	499936	5662657	6		1.8	24.0	660	29.0	<1	100	7	140	19	1.3	<6	7	4.00	54.3	0.46	<6	51	120
82N03	2005	2159	11	498557	5662973	6		0.7	15.0	560	14.0	<1	150	5	140	21	1.7	<2	11	5.02	75.9	0.59	<5	66	120
82N03	2005	2160	11	497144	5663340	6		1.0	13.0	480	5.8	<1	190	3	130	22	2.3	<5	17	5.21	96.0	0.76	<5	75	110
82N07	2005	2162	11	519178	5677733	6		0.4	4.5	1600	1.1	9	61	2	49	7	0.6	<2	5	1.67	31.0	0.17	<2	29	64
82N02	2005	2163	11	521545	5677032	6		0.6	5.8	3000	1.1	8	77	2	52	9	0.7	<2	5	2.26	39.0	0.21	<3	32	68
82N02	2005	2164	11	534787	5662002	6		0.3	5.4	1900	5.8	5	63	3	59	10	0.6	<2	5	2.34	30.0	0.23	<3	26	87
82N02	2005	2165	11	533618	5663007	6		0.2	3.7	390	18.0	4	64	4	60	10	0.9	<2	5	2.63	33.0	0.24	<2	30	75
82N02	2005	2167	11	532907	5663610	6		0.3	6.2	560	6.3	8	49	2	43	6	0.6	<2	4	1.77	24.0	0.19	2	24	61
82N02	2005	2168	11	532139	5664446	6		0.4	7.0	2100	1.5	5	51	2	61	6	0.6	<2	6	1.74	26.0	0.19	5	22	74
82N02	2005	2169	11	531400	5665722	6	10	0.3	4.8	600	4.0	5	59	3	61	10	0.8	<2	5	2.42	29.0	0.20	<3	27	75
82N02	2005	2170	11	531400	5665722	6	20	0.2	3.9	610	3.1	5	59	3	63	10	0.7	<2	5	2.47	31.0	0.21	<3	26	81
82N02	2005	2171	11	531052	5666908	6		0.3	1.8	360	4.8	9	71	3	55	10	0.9	<2	4	2.49	35.0	0.24	<2	32	73
82N02	2005	2172	11	530148	5669210	6		0.2	3.5	460	1.4	10	70	2	55	11	1.0	<2	4	2.78	35.0	0.24	4	29	67
82N02	2005	2173	11	526572	5672853	6		<0.1	<0.5	650	3.0	3	100	4	77	12	1.0	<2	6	3.03	49.0	0.27	<2	44	110
82N02	2005	2174	11	526015	5673063	6		0.2	6.0	460	1.2	9	76	3	66	11	0.7	<2	4	2.90	38.0	0.20	<3	33	80
82N02	2005	2175	11	507529	5676185	6		0.4	4.8	1100	4.1	10	57	1	36	6	0.8	<2	5	1.71	28.0	0.24	<2	28	45
82N07	2005	2176	11	516507	5679091	6		0.2	3.8	590	<0.5	12	55	3	46	8	0.7	<2	3	2.37	29.0	0.16	<3	25	68
82N06	2005	2177	11	495169	5685548	6		0.4	4.1	920	12.0	<1	100	4	62	11	1.4	<2	16	2.64	44.0	0.47	<3	44	85
82N06	2005	2178	11	495298	5683377	6		0.4	3.2	380	25.0	<1	95	3	46	7	0.9	<2	16	1.99	42.0	0.45	<3	40	80
82N06	2005	2179	11	494573	5686285	6		0.9	7.0	770	26.0	1	110	3	66	11	1.3	<2	15	2.77	46.0	0.48	<4	38	98
82N06	2005	2180	11	493740	5688228	6		0.6	4.0	920	11.0	1	89	3	59	10	0.9	<2	13	2.73	42.0	0.41	<3	40	82
82N04	2005	2182	11	433139	5654069	6	10	0.5	5.0	1400	4.5	1	85	4	83	15	1.3	<2	7	3.63	44.0	0.42	9	38	100

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
82N01	2005	2138	11	544083	5652357	6		3.5	5.7	0.36	<0.5	0.6	7.4	<1	3.4	1.2	<50	9.69	1090	22.24	<0.02	345.0	7.88
82N01	2005	2139	11	542779	5654086	6		3.7	6.2	0.54	0.9	0.6	7.1	1	3.1	1.2	<50	8.69	830	26.32	<0.02	405.0	7.57
82N02	2005	2140	11	500856	5677003	6		5.2	8.1	0.56	0.8	0.8	11.0	<1	3.3	2.0	<50	11.19	720	12.83	<0.02	405.0	7.67
82N03	2005	2142	11	483602	5670056	6		12.8	10.4	0.67	1.4	1.2	17.0	2	3.7	3.6	<50	9.72	480	4.89	<0.02	190.0	7.42
82N03	2005	2143	11	484291	5669249	6		12.6	12.0	0.56	2.1	1.2	20.0	4	7.2	3.5	<50	10.25	450	6.87	<0.02	131.0	6.71
82N03	2005	2144	11	484135	5671065	6		16.8	11.4	0.65	2.1	1.5	20.0	3	5.4	4.5	<50	13.05	520	5.39	<0.02	179.0	7.24
82N03	2005	2145	11	485690	5670286	6		12.2	11.4	0.59	<0.5	1.1	17.0	<1	4.4	3.4	<50	8.35	620	12.78	<0.02	143.0	6.97
82N03	2005	2146	11	486756	5665804	6		16.3	15.0	0.83	1.6	1.6	21.7	<2	7.5	3.8	<50	8.48	690	11.40	<0.02	286.0	7.64
82N03	2005	2147	11	484854	5664613	6		12.2	13.0	0.50	1.3	1.1	21.4	2	7.0	3.4	71	8.70	530	12.87	<0.02	155.0	7.21
82N03	2005	2148	11	484932	5662845	6		9.2	10.0	0.45	1.3	1.0	16.0	2	8.5	2.9	72	8.16	450	21.89	<0.02	155.0	6.96
82N03	2005	2149	11	491096	5667370	6		10.6	12.0	1.00	<0.5	1.2	17.0	3	8.2	2.6	75	12.05	550	8.46	<0.02	131.0	7.13
82N03	2005	2150	11	490150	5668975	6		13.7	12.5	0.92	1.4	1.4	20.3	<2	8.3	3.4	<50	8.67	540	11.45	<0.02	119.0	7.24
82N03	2005	2151	11	493403	5666346	6		10.7	12.3	1.00	1.1	1.0	18.0	3	5.5	3.0	87	11.74	620	11.23	<0.02	167.0	7.45
82N03	2005	2152	11	499137	5664712	6		7.5	8.3	0.53	<0.5	0.8	12.0	3	4.0	2.3	<50	8.21	540	27.56	<0.02	417.0	7.73
82N03	2005	2153	11	496468	5666227	6	10	14.4	12.7	0.52	1.0	1.6	20.5	3	5.9	5.1	<50	16.81	540	4.08	<0.02	226.0	7.50
82N03	2005	2154	11	496468	5666227	6	20	14.3	12.9	0.52	1.4	1.9	20.6	4	5.7	5.2	<50	14.51	530	3.97	<0.02	226.0	7.66
82N03	2005	2155	11	493143	5667720	6		14.7	12.2	1.10	2.0	1.4	23.7	6	5.1	3.9	<50	12.56	490	7.22	<0.02	226.0	7.47
82N03	2005	2157	11	492302	5668135	6		11.2	14.0	0.87	<0.5	0.9	19.0	<2	9.4	3.0	<50	9.92	630	16.70	<0.02	131.0	6.98
82N03	2005	2158	11	499936	5662657	6		7.6	15.6	0.73	1.2	1.4	19.0	5	12.0	2.7	54	7.39	950	17.37	<0.02	155.0	7.06
82N03	2005	2159	11	498557	5662973	6		10.3	14.3	0.67	<0.5	1.1	18.0	<2	6.6	3.7	85	11.23	720	8.25	<0.02	202.0	7.73
82N03	2005	2160	11	497144	5663340	6		13.2	14.0	0.65	2.0	1.3	20.0	<2	5.4	4.7	<50	11.48	620	6.93	<0.02	238.0	6.92
82N07	2005	2162	11	519178	5677733	6		3.6	5.6	0.26	<0.5	<0.5	7.7	<1	2.9	1.0	<50	17.73	670	17.37	<0.02	250.0	7.80
82N02	2005	2163	11	521545	5677032	6		4.6	6.6	0.39	<0.5	0.6	8.9	1	3.2	1.2	51	16.20	630	15.66	<0.02	381.0	8.00
82N02	2005	2164	11	534787	5662002	6		4.3	6.8	0.59	1.0	0.6	10.0	<1	2.6	1.4	<50	13.09	780	14.95	<0.02	309.0	7.77
82N02	2005	2165	11	533618	5663007	6		4.5	7.8	0.79	0.9	<0.5	10.0	<1	1.4	1.4	58	9.67	720	16.00	<0.02	333.0	7.98
82N02	2005	2167	11	532907	5663610	6		3.4	5.4	0.43	<0.5	<0.5	7.2	<1	2.3	1.2	<50	12.76	880	21.29	<0.02	298.0	7.88
82N02	2005	2168	11	532139	5664446	6		3.4	6.0	0.30	1.2	<0.5	7.5	<1	3.2	1.1	<50	16.01	700	11.18	<0.02	298.0	7.91
82N02	2005	2169	11	531400	5665722	6	10	4.0	7.3	0.54	<0.5	<0.5	9.1	1	2.4	1.3	<50	12.65	780	12.26	<0.02	345.0	7.94
82N02	2005	2170	11	531400	5665722	6	20	4.1	7.5	0.57	0.7	<0.5	10.0	<1	2.1	1.2	50	11.83	820	12.12	<0.02	345.0	7.80
82N02	2005	2171	11	531052	5666908	6		5.1	7.8	0.70	0.8	<0.5	11.0	<1	1.7	1.5	62	10.45	570	17.86	<0.02	381.0	7.85
82N02	2005	2172	11	530148	5669210	6		5.2	8.1	0.63	0.7	<0.5	10.0	<1	1.9	1.4	<50	15.76	620	17.47	<0.02	357.0	7.93
82N02	2005	2173	11	526572	5672853	6		6.4	9.5	0.89	<0.5	0.7	14.0	<1	2.2	1.9	55	10.82	690	11.54	<0.02	427.0	7.76
82N02	2005	2174	11	526015	5673063	6		4.8	8.8	0.64	0.9	<0.5	13.0	3	1.7	1.3	<50	12.89	970	15.38	<0.02	378.0	7.78
82N02	2005	2175	11	507529	5676185	6		4.0	5.2	0.40	1.0	0.6	7.6	1	2.3	1.4	<50	14.80	460	18.66	0.04	634.0	7.55
82N07	2005	2176	11	516507	5679091	6		3.5	6.9	0.28	<0.5	<0.5	7.8	<1	2.4	1.1	<50	15.61	700	20.59	<0.02	342.0	7.67
82N06	2005	2177	11	495169	5685548	6		7.1	8.8	0.58	0.8	1.1	15.0	<1	4.1	2.9	<50	12.67	500	9.86	<0.02	159.0	7.34
82N06	2005	2178	11	495298	5683377	6		5.9	5.9	0.36	1.0	0.8	14.0	<1	3.6	2.6	<50	11.50	300	9.45	<0.02	134.0	7.02
82N06	2005	2179	11	494573	5686285	6		7.0	8.8	0.32	0.8	1.0	16.0	<2	3.9	3.0	<50	8.23	540	10.34	<0.02	195.0	7.30
82N06	2005	2180	11	493740	5688228	6		6.2	8.5	0.56	<0.5	0.9	13.0	<1	3.5	2.4	<50	15.42	530	7.80	<0.02	195.0	7.59
82N04	2005	2182	11	433139	5654069	6	10	6.5	12.3	0.83	1.5	<0.5	12.0	3	5.1	2.5	220	14.19	570	6.44	<0.02	146.0	7.34

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
82N04	2005	2183	11	433139	5654069	6	20	<0.2	4.6	1200	2.4	2	84	3	81	15	1.1	<5	7	3.51	44.0	0.39	10	41	63
82N04	2005	2184	11	449270	5673254	6		4.4	38.0	4100	1.7	4	83	4	43	12	1.0	<4	4	3.41	45.0	0.40	16	39	80
82N04	2005	2185	11	447922	5672541	6		0.6	16.0	2300	1.3	5	85	3	61	13	0.8	<2	3	2.94	48.0	0.26	4	43	59
82N04	2005	2186	11	442567	5672504	6		0.2	7.7	390	10.0	<1	110	3	71	13	1.2	<2	15	2.90	52.6	0.52	<4	46	70
82N04	2005	2187	11	442191	5671682	6		0.4	7.7	810	6.5	<1	110	3	93	15	1.4	<2	9	3.22	54.1	0.41	<3	46	57
82N04	2005	2188	11	438720	5665553	6		0.4	18.0	3100	4.5	5	68	5	75	13	0.7	<2	4	3.18	37.0	0.25	8	31	95
82N04	2005	2189	11	435261	5652356	6		<0.1	2.7	830	2.8	3	98	5	110	20	1.4	<2	7	5.00	48.0	0.47	<3	45	75
82N04	2005	2190	11	435260	5652652	6		<0.1	1.5	740	21.0	2	96	8	71	13	1.6	<2	8	3.59	48.0	0.41	<7	44	110
82N04	2005	2191	11	435221	5657165	6		<0.2	1.2	640	5.2	3	45	13	42	16	0.9	<4	5	3.91	22.0	0.33	<4	23	85

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
82N04	2005	2183	11	433139	5654069	6	20	6.2	12.0	0.82	0.9	0.8	12.0	<3	5.0	2.7	200	13.83	550	6.29	<0.02	146.0	7.36
82N04	2005	2184	11	449270	5673254	6		6.1	6.0	0.56	<0.5	0.8	11.0	<2	5.9	2.6	430	14.72	720	9.98	<0.02	256.0	7.63
82N04	2005	2185	11	447922	5672541	6		5.6	7.8	0.53	<0.5	0.8	11.0	<1	3.5	1.7	170	12.27	480	12.08	<0.02	281.0	7.82
82N04	2005	2186	11	442567	5672504	6		7.4	8.0	1.13	1.8	0.8	15.0	3	6.9	3.1	<50	9.76	320	7.74	<0.02	73.2	6.90
82N04	2005	2187	11	442191	5671682	6		7.5	7.6	1.03	1.6	1.2	13.0	<1	3.7	2.5	<50	13.79	480	6.09	<0.02	146.0	7.21
82N04	2005	2188	11	438720	5665553	6		4.7	10.0	0.64	1.0	0.6	10.0	<1	3.6	1.5	190	10.85	690	15.35	<0.02	329.0	7.95
82N04	2005	2189	11	435261	5652356	6		7.5	16.1	1.10	1.7	1.3	12.0	7	3.8	3.0	61	17.07	450	5.80	<0.02	134.0	7.09
82N04	2005	2190	11	435260	5652652	6		7.3	16.1	1.38	1.3	0.8	13.0	6	18.0	2.6	<50	8.61	510	14.40	<0.02	488.0	6.49
82N04	2005	2191	11	435221	5657165	6		3.7	19.5	1.82	1.3	0.8	7.0	12	7.5	1.9	96	11.54	540	7.01	<0.02	378.0	6.22

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
83C03	2005	1002	11	471237	5766751	52.05062	-117.41946	1078	6		2	3	6	0	8	130	8.0	60	0	0	3	2	5	1	1	2	3	09/05
83C03	2005	1003	11	470629	5766904	52.05196	-117.42834	1108	6	10	2	3	6	0	0	130	15.0	65	2	0	3	2	5	1	1	2	3	09/05
83C03	2005	1004	11	470629	5766904	52.05196	-117.42834	1108	6	20	2	3	6	0	0	130	15.0	65	2	0	3	2	5	1	1	2	3	09/05
83C03	2005	1005	11	474966	5764272	52.02851	-117.36490	1081	6		0	2	8	0	8	310	1.0	12	2	0	3	1	5	1	1	1	1	09/05
83C05	2005	1006	11	434649	5792143	52.27577	-117.95785	1593	6		2	4	6	0	0	130	13.0	120	4	0	1	1	5	1	1	1	3	09/19
83C05	2005	1007	11	436270	5792874	52.28253	-117.93424	1388	6		2	3	6	0	0	130	20.0	60	1	0	3	1	5	1	1	2	3	09/19
83C05	2005	1008	11	435250	5795097	52.30239	-117.94961	1459	6		2	3	6	0	0	130	6.0	20	4	0	1	2	5	1	1	1	3	09/19
83C05	2005	1009	11	435763	5795386	52.30506	-117.94214	1318	1		0	0	8	0	0	310			1	0	1	1	5	1	2	1	2	09/19
83C04	2005	1010	11	435295	5763097	52.01474	-117.94285	912	6		0	3	8	0	1	220	2.2	40	2	0	3	1	5	1	1	1	1	09/30
83C04	2005	1012	11	436365	5763150	52.01534	-117.92727	951	6		0	3	8	0	0	220	2.0	25	2	0	1	1	5	1	1	1	1	09/30
83C04	2005	1013	11	435983	5764624	52.02854	-117.93310	937	6		0	3	8	0	0	310	2.3	35	2	0	1	1	5	1	1	1	1	09/30
83C04	2005	1014	11	437535	5766776	52.04807	-117.91089	886	6		0	3	6	0	0	310	5.0	30	2	0	1	1	5	1	1	1	1	09/30
83C04	2005	1015	11	440034	5763517	52.01904	-117.87388	1451	6		0	3	8	0	0	311	3.5	50	2	0	1	1	5	1	1	2	1	09/30
83C04	2005	1016	11	440288	5763808	52.02169	-117.87023	1355	6		2	3	6	0	0	130	10.0	65	2	0	3	1	5	1	1	3	3	09/30
83C04	2005	1017	11	438890	5768869	52.06703	-117.89149	933	6		2	3	8	0	0	130	6.0	40	2	0	3	1	5	1	1	3	3	09/30
83C04	2005	1018	11	440572	5770466	52.08158	-117.86725	973	6		0	3	6	0	0	220	3.0	20	1	0	3	1	5	1	1	1	1	09/30
83C04	2005	1019	11	441437	5771042	52.08684	-117.85473	1069	6		0	2	8	0	0	130	2.0	10	1	0	3	3	5	1	1	1	1	09/30
83C04	2005	1020	11	440643	5769374	52.07177	-117.86602	985	6		2	4	6	0	0	130	6.0	30	1	0	3	1	5	1	1	2	3	09/30
83C04	2005	1022	11	453881	5761998	52.00671	-117.67190	901	6		0	3	8	0	8	130	3.0	30	2	0	3	1	5	1	1	3	3	09/30
83C04	2005	1023	11	452370	5768894	52.06858	-117.69487	1128	6		0	3	8	0	8	130	3.0	15	2	0	3	1	5	1	1	1	3	09/30
83C04	2005	1024	11	451637	5767834	52.05899	-117.70541	1076	6		0	3	8	0	0	130	1.0	20	2	0	3	1	5	1	1	2	3	09/30
83C04	2005	1025	11	450559	5772935	52.10476	-117.72187	1152	6	10	2	3	8	0	0	130	7.0	50	2	0	1	1	5	1	1	3	3	09/30
83C04	2005	1026	11	450559	5772935	52.10476	-117.72187	1152	6	20	2	3	8	0	0	130	7.0	50	2	0	1	1	5	1	1	3	3	09/30
83C04	2005	1027	11	451891	5774381	52.11787	-117.70264	1231	6		0	3	6	0	0	130	5.0	15	1	0	1	1	5	1	1	1	3	09/30
83C04	2005	1029	11	451823	5774866	52.12222	-117.70369	1143	6		2	4	6	0	0	130	12.0	70	1	0	3	1	5	1	1	3	3	09/30
83C04	2005	1030	11	457736	5766427	52.04684	-117.61629	1232	6		2	4	6	0	0	130	6.0	20	2	0	1	1	5	1	1	2	3	09/30
83C04	2005	1031	11	455781	5765368	52.03716	-117.64466	1250	6		0	3	8	0	0	130	2.0	15	2	0	1	1	5	1	1	1	3	09/30
83C04	2005	1032	11	459101	5768686	52.06725	-117.59665	1280	6		0	3	8	0	0	130	3.5	30	2	0	1	1	5	1	1	2	3	09/30
83C04	2005	1033	11	459959	5768559	52.06617	-117.58413	1453	6		0	4	6	0	0	130	6.0	30	1	0	1	1	5	1	1	2	3	09/30
83C04	2005	1034	11	460557	5770125	52.08029	-117.57558	1340	6		2	3	6	0	0	130	7.0	30	1	0	1	1	5	1	1	2	3	09/30
83C04	2005	1035	11	460744	5769944	52.07868	-117.57283	1365	6		2	3	6	0	0	130	5.0	25	1	0	3	1	5	1	1	1	3	09/30
83C04	2005	1036	11	464614	5762741	52.01418	-117.51562	1498	6		0	3	3	0	0	130	2.5	20	2	0	1	1	5	1	1	2	3	10/01
83C04	2005	1037	11	464123	5763021	52.01667	-117.52279	1568	6		0	3	6	0	0	130	6.0	30	2	0	3	1	5	1	1	2	3	10/01
83C03	2005	1038	11	472421	5764178	52.02754	-117.40198	1365	6		0	2	8	0	1	310	0.5	10	2	0	3	1	5	1	1	1	1	10/01
83C03	2005	1039	11	471178	5764878	52.03377	-117.42016	1625	6		0	4	8	0	1	310	2.0	15	5	0	1	1	5	1	1	1	1	10/01
83C03	2005	1040	11	470767	5766334	52.04685	-117.42627	1261	1		0	0	6	0	0	220			2	0	3	1	5	1	1	1	1	10/01
83C03	2005	1043	11	475661	5767441	52.05703	-117.35498	1193	6		0	2	6	0	0	130	1.5	10	1	0	3	1	5	1	1	1	3	10/02
83C03	2005	1044	11	476146	5768112	52.06308	-117.34796	1253	6		0	2	8	0	0	130	2.0	15	1	0	3	1	5	1	1	2	3	10/02
83C03	2005	1045	11	475132	5767632	52.05873	-117.36271	1238	6		0	2	8	0	0	310	0.3	5	5	0	1	1	5	1	1	1	1	10/02
83C03	2005	1046	11	476140	5769446	52.07508	-117.34814	1175	6	10	0	2	6	0	0	130	4.0	30	3	0	3	3	5	1	1	3	3	10/02

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
83C03	2005	1047	11	476140	5769446	52.07508	-117.34814	1175	6	20	0	2	6	0	0	130	4.0	30	3	0	3	3	5	1	1	3	3	10/02
83C03	2005	1048	11	479486	5763093	52.01810	-117.29894	1578	6		0	3	6	0	0	220	0.4	5	5	0	1	1	5	1	1	1	1	10/02
83C03	2005	1049	11	481497	5764503	52.03084	-117.26972	1777	6		0	2	8	0	0	130	3.0	15	3	0	3	3	5	1	1	2	3	10/02
83C03	2005	1050	11	478766	5761995	52.00820	-117.30936	1533	6		0	3	6	0	0	130	5.0	30	1	0	3	1	5	1	1	3	3	10/02
83C03	2005	1051	11	481136	5764879	52.03421	-117.27500	1734	6		0	2	6	0	0	130	3.0	20	3	0	3	3	5	1	1	2	3	10/02

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
83C03	2005	1002	11	471237	5766751	6		0.47	0.03	1.7	10.9	0.08	<1	0.03	26.46	13.0	6.0	11.85	1.4	<0.2	1.15	3.7	6.99	2.60	168	<5
83C03	2005	1003	11	470629	5766904	6	10	0.87	0.06	1.9	35.9	0.11	3	0.03	14.92	14.8	7.5	13.16	2.7	<0.2	1.80	8.3	9.00	2.51	438	6
83C03	2005	1004	11	470629	5766904	6	20	0.83	0.06	2.1	36.8	0.10	2	0.04	14.88	14.6	8.0	14.04	2.6	<0.2	1.76	8.6	9.13	2.52	428	6
83C03	2005	1005	11	474966	5764272	6		0.95	0.07	5.0	48.6	0.13	5	0.06	15.55	17.1	11.2	13.46	3.2	0.3	1.92	14.7	11.38	1.26	589	12
83C05	2005	1006	11	434649	5792143	6		0.47	0.04	1.0	42.7	0.08	1	0.02	20.73	7.8	5.9	11.31	1.6	<0.2	1.26	6.6	9.34	2.52	290	<5
83C05	2005	1007	11	436270	5792874	6		0.44	0.17	1.4	26.3	0.09	1	0.02	24.08	7.9	5.7	12.36	1.3	0.5	1.29	6.1	11.05	3.35	320	13
83C05	2005	1008	11	435250	5795097	6		0.92	0.06	1.4	26.7	0.15	1	0.03	15.01	16.2	9.5	20.18	2.8	0.4	2.11	5.1	14.53	2.54	505	<5
83C05	2005	1009	11	435763	5795386	1		0.69	0.42	1.7	12.2	0.10	1	0.02	23.62	12.8	7.3	9.02	2.0	0.7	1.72	3.4	7.53	2.65	343	8
83C04	2005	1010	11	435295	5763097	6		1.77	0.12	31.7	14.7	0.52	<1	0.09	0.31	31.9	24.4	55.75	5.5	1.0	4.95	15.9	15.94	0.95	806	6
83C04	2005	1012	11	436365	5763150	6		1.72	0.15	11.5	42.6	0.34	1	0.06	0.38	78.1	22.8	41.19	5.1	2.3	4.14	24.7	15.95	1.15	748	19
83C04	2005	1013	11	435983	5764624	6		1.56	0.15	14.6	17.1	0.40	1	0.05	0.22	27.6	23.0	47.33	4.4	1.8	4.26	18.7	16.88	0.89	608	5
83C04	2005	1014	11	437535	5766776	6		2.09	0.17	13.0	15.3	0.36	1	0.10	0.24	37.1	20.6	39.59	6.4	2.6	4.93	36.3	24.48	1.13	746	7
83C04	2005	1015	11	440034	5763517	6		1.95	0.31	17.9	75.2	0.47	1	0.13	0.32	35.2	20.8	34.16	5.8	3.6	4.50	20.4	26.04	0.96	743	18
83C04	2005	1016	11	440288	5763808	6		0.38	0.06	1.9	13.7	0.08	<1	0.01	23.36	7.8	6.3	8.46	1.1	<0.2	1.29	4.7	7.10	1.84	293	6
83C04	2005	1017	11	438890	5768869	6		1.41	0.14	7.0	30.0	0.20	1	0.04	1.80	26.8	13.8	19.53	4.2	0.9	3.04	18.5	15.12	0.98	513	7
83C04	2005	1018	11	440572	5770466	6		1.76	0.08	2.6	12.3	0.19	<1	0.04	8.51	40.6	20.1	24.74	5.3	0.3	4.02	6.1	15.58	1.32	412	7
83C04	2005	1019	11	441437	5771042	6		0.41	0.22	3.4	26.4	0.12	1	0.05	23.27	7.4	7.3	14.74	1.2	0.5	1.44	8.2	9.37	3.20	253	26
83C04	2005	1020	11	440643	5769374	6		0.33	0.07	1.8	4.9	0.07	<1	0.03	29.78	7.0	6.4	9.47	1.0	0.2	1.27	2.7	4.82	2.42	267	11
83C04	2005	1022	11	453881	5761998	6		0.18	0.14	2.0	28.5	0.07	2	0.03	26.21	3.6	3.9	7.76	0.6	0.2	0.95	7.3	4.42	2.87	277	16
83C04	2005	1023	11	452370	5768894	6		0.90	0.44	4.4	99.4	0.19	4	0.06	11.28	14.0	10.5	15.51	2.6	1.0	2.08	8.4	14.02	2.61	462	49
83C04	2005	1024	11	451637	5767834	6		0.78	0.32	3.3	77.4	0.16	3	0.09	16.83	11.5	6.4	13.40	2.1	0.5	1.69	8.7	10.84	1.87	616	63
83C04	2005	1025	11	450559	5772935	6	10	0.33	0.06	1.3	32.7	0.07	1	0.02	26.15	6.5	4.2	8.31	1.0	0.5	1.06	5.8	7.81	3.03	310	12
83C04	2005	1026	11	450559	5772935	6	20	0.32	0.06	1.0	34.6	0.08	1	0.02	25.97	6.7	4.3	8.59	1.1	<0.2	1.04	5.9	7.59	2.98	301	11
83C04	2005	1027	11	451891	5774381	6		0.36	0.16	1.5	11.1	0.06	1	0.03	28.02	7.9	4.0	5.28	1.2	0.2	1.01	3.6	5.40	2.98	251	6
83C04	2005	1029	11	451823	5774866	6		0.62	0.20	2.9	12.6	0.08	1	0.05	21.37	11.9	5.9	9.07	2.1	0.5	1.49	4.5	6.59	4.20	307	12
83C04	2005	1030	11	457736	5766427	6		0.49	0.36	2.0	24.7	0.08	1	0.02	26.37	10.0	6.4	9.30	1.7	0.2	1.40	3.8	8.77	2.44	245	17
83C04	2005	1031	11	455781	5765368	6		0.25	0.24	2.6	20.5	0.13	1	0.03	27.31	4.2	5.0	8.46	0.8	0.5	1.13	6.0	5.97	2.05	301	13
83C04	2005	1032	11	459101	5768686	6		0.63	0.27	2.6	32.9	0.10	4	0.05	18.21	10.6	5.9	8.54	2.0	<0.2	1.41	10.7	10.94	3.85	440	16
83C04	2005	1033	11	459959	5768559	6		1.23	0.12	3.4	52.4	0.12	9	0.11	11.16	20.1	11.0	12.76	4.1	0.2	2.08	17.2	20.10	2.62	559	10
83C04	2005	1034	11	460557	5770125	6		0.32	0.09	3.2	36.3	0.04	9	0.05	19.12	7.2	2.9	4.42	1.1	<0.2	0.70	8.3	6.99	6.89	317	7
83C04	2005	1035	11	460744	5769944	6		0.10	0.11	1.7	20.8	<0.02	9	0.09	20.69	2.6	1.0	1.71	0.3	0.2	0.31	4.0	20.32	9.52	174	7
83C04	2005	1036	11	464614	5762741	6		0.24	0.33	5.3	13.1	0.05	8	0.16	20.39	7.0	3.6	8.29	0.8	0.3	0.84	9.2	9.89	7.58	283	34
83C04	2005	1037	11	464123	5763021	6		0.18	0.32	5.4	26.0	0.03	6	0.15	19.53	5.0	2.6	6.68	0.5	0.2	0.65	6.7	11.53	8.06	202	20
83C03	2005	1038	11	472421	5764178	6		1.19	0.10	2.0	78.3	0.19	4	0.05	9.80	32.0	11.8	17.13	3.7	1.3	2.41	15.0	13.83	2.37	493	17
83C03	2005	1039	11	471178	5764878	6		1.57	0.09	1.8	97.0	0.25	3	0.07	2.61	30.7	16.3	20.39	4.8	1.0	2.99	11.7	18.58	1.69	531	25
83C03	2005	1040	11	470767	5766334	1		1.43	0.09	2.4	95.2	0.24	3	0.06	5.30	30.0	14.0	20.57	4.5	0.6	2.85	17.4	16.18	2.12	506	19
83C03	2005	1043	11	475661	5767441	6		0.71	0.11	8.7	57.2	0.12	8	0.06	14.40	16.5	10.8	12.68	2.4	0.5	1.78	17.0	13.01	2.10	631	44
83C03	2005	1044	11	476146	5768112	6		0.63	0.07	4.2	42.8	0.13	1	0.07	17.55	19.9	8.6	13.44	2.2	0.4	1.76	11.1	9.81	1.57	381	33
83C03	2005	1045	11	475132	5767632	6		1.18	0.57	2.7	97.3	0.27	2	0.09	2.09	18.1	13.6	22.86	3.5	0.9	3.00	10.2	29.58	1.04	994	39
83C03	2005	1046	11	476140	5769446	6	10	0.37	0.05	2.3	17.6	0.08	1	0.05	32.57	11.5	4.1	6.41	1.2	0.6	0.81	5.5	7.37	3.48	149	7

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
83C03	2005	1002	11	471237	5766751	6		0.24	10.7	0.016	0.01	1.8	0.2	8	0.006	521.3	0.12	0.04	<0.02	2.2	0.006	<0.1	0.4	7	19.2
83C03	2005	1003	11	470629	5766904	6	10	0.31	15.4	0.072	0.06	2.5	0.2	12	0.005	301.4	0.08	0.02	0.02	4.2	0.002	<0.1	0.4	7	37.1
83C03	2005	1004	11	470629	5766904	6	20	0.29	16.2	0.074	0.06	2.5	0.2	9	0.005	297.3	0.09	0.02	0.02	4.2	0.002	<0.1	0.4	7	38.1
83C03	2005	1005	11	474966	5764272	6		0.57	17.2	0.126	0.12	3.1	0.2	14	0.004	279.3	0.10	0.03	0.04	4.9	0.003	<0.1	0.5	11	47.7
83C05	2005	1006	11	434649	5792143	6		0.15	10.0	0.029	0.06	1.8	0.2	7	0.004	423.4	0.11	0.03	0.02	3.5	0.002	<0.1	0.4	3	28.7
83C05	2005	1007	11	436270	5792874	6		0.17	9.4	0.029	0.04	1.6	0.2	8	0.005	405.1	0.10	0.03	<0.02	3.1	0.001	<0.1	0.3	3	22.2
83C05	2005	1008	11	435250	5795097	6		0.16	18.8	0.062	0.04	2.1	0.1	13	0.004	307.0	0.15	0.02	<0.02	5.0	0.001	<0.1	0.4	5	45.3
83C05	2005	1009	11	435763	5795386	1		0.17	12.6	0.026	0.03	3.1	0.2	10	0.005	437.2	0.02	0.03	<0.02	3.4	0.001	<0.1	0.3	6	25.8
83C04	2005	1010	11	435295	5763097	6		0.51	50.7	0.070	0.02	1.5	0.5	71	0.004	6.1	0.15	0.05	<0.02	8.6	0.003	<0.1	3.0	13	94.2
83C04	2005	1012	11	436365	5763150	6		0.37	64.1	0.091	0.04	2.5	0.6	75	0.003	14.0	0.03	0.03	0.04	10.2	0.012	<0.1	3.3	23	76.3
83C04	2005	1013	11	435983	5764624	6		0.37	46.1	0.075	0.02	1.2	0.4	78	0.002	10.7	0.11	0.02	<0.02	10.7	0.002	<0.1	3.4	11	76.8
83C04	2005	1014	11	437535	5766776	6		0.42	41.7	0.083	0.02	1.6	0.4	68	0.003	6.9	0.06	0.03	<0.02	15.3	0.003	<0.1	2.8	16	100.7
83C04	2005	1015	11	440034	5763517	6		0.62	42.8	0.079	0.03	1.5	0.5	81	0.004	14.3	0.01	0.04	0.03	11.6	0.004	<0.1	3.7	17	103.3
83C04	2005	1016	11	440288	5763808	6		0.12	10.1	0.033	0.03	1.5	0.2	20	0.003	386.6	0.04	0.03	<0.02	3.3	0.001	<0.1	0.4	2	17.7
83C04	2005	1017	11	438890	5768869	6		0.27	31.4	0.078	0.05	1.9	0.1	28	0.004	44.0	0.02	<0.02	0.02	9.6	0.002	<0.1	0.9	11	64.9
83C04	2005	1018	11	440572	5770466	6		0.30	42.5	0.039	0.02	3.2	0.1	20	0.003	142.3	0.01	<0.02	0.02	6.2	0.001	<0.1	0.6	13	74.0
83C04	2005	1019	11	441437	5771042	6		0.30	11.7	0.023	0.06	2.3	0.3	17	0.005	383.5	0.07	0.02	0.02	4.5	0.001	<0.1	0.5	5	19.3
83C04	2005	1020	11	440643	5769374	6		0.18	8.5	0.024	0.01	2.1	0.3	9	0.003	497.6	0.09	0.04	<0.02	2.2	0.001	<0.1	0.4	4	12.6
83C04	2005	1022	11	453881	5761998	6		0.20	6.0	0.014	0.05	2.3	0.3	12	0.008	433.6	<0.01	0.02	<0.02	2.5	0.003	<0.1	0.4	5	9.5
83C04	2005	1023	11	452370	5768894	6		0.65	18.3	0.040	0.10	4.1	0.4	35	0.010	143.9	0.01	<0.02	0.05	3.8	0.003	<0.1	0.7	12	29.2
83C04	2005	1024	11	451637	5767834	6		0.38	13.3	0.041	0.09	2.7	0.6	39	0.008	222.7	0.02	0.02	0.05	1.5	0.011	<0.1	0.7	10	31.3
83C04	2005	1025	11	450559	5772935	6	10	0.11	7.1	0.019	0.03	1.9	0.3	8	0.006	477.0	0.02	0.02	<0.02	2.9	0.001	<0.1	0.4	3	17.3
83C04	2005	1026	11	450559	5772935	6	20	0.12	7.0	0.020	0.03	2.0	0.2	10	0.006	475.9	0.03	0.04	<0.02	3.0	0.001	<0.1	0.4	4	17.0
83C04	2005	1027	11	451891	5774381	6		0.18	6.9	0.024	0.03	1.8	0.3	9	0.006	413.3	<0.01	0.03	<0.02	1.6	0.002	<0.1	0.3	5	13.5
83C04	2005	1029	11	451823	5774866	6		0.35	11.5	0.050	0.03	2.8	0.2	11	0.006	326.1	0.07	0.02	0.02	2.5	0.001	<0.1	0.4	6	27.6
83C04	2005	1030	11	457736	5766427	6		0.20	10.2	0.021	0.04	3.2	0.2	10	0.005	419.2	0.04	0.04	<0.02	2.5	0.001	<0.1	0.3	5	21.5
83C04	2005	1031	11	455781	5765368	6		0.20	8.7	0.015	0.04	2.5	0.3	22	0.007	447.3	<0.01	0.05	0.02	2.9	0.003	<0.1	0.4	4	9.5
83C04	2005	1032	11	459101	5768686	6		0.39	11.6	0.085	0.09	2.3	0.2	14	0.006	218.2	0.05	0.02	0.03	3.6	0.002	<0.1	0.4	6	27.1
83C04	2005	1033	11	459959	5768559	6		0.54	18.9	0.160	0.26	2.7	0.1	16	0.005	149.0	0.03	0.02	0.07	4.9	0.005	<0.1	0.4	12	75.4
83C04	2005	1034	11	460557	5770125	6		0.58	6.8	0.081	0.09	1.3	0.2	9	0.010	124.5	0.10	<0.02	0.03	1.8	0.002	<0.1	0.4	6	19.7
83C04	2005	1035	11	460744	5769944	6		0.37	3.5	0.022	0.05	0.7	0.2	7	0.016	68.4	0.06	<0.02	0.03	0.6	0.001	<0.1	0.3	5	29.9
83C04	2005	1036	11	464614	5762741	6		1.76	13.8	0.061	0.13	1.5	0.6	20	0.013	177.4	0.12	0.03	0.19	1.3	0.003	<0.1	0.9	12	31.6
83C04	2005	1037	11	464123	5763021	6		1.83	9.5	0.037	0.08	1.4	0.5	24	0.015	105.3	0.14	0.02	0.12	1.1	0.001	<0.1	0.7	9	32.6
83C03	2005	1038	11	472421	5764178	6		0.36	27.3	0.053	0.12	3.7	0.3	15	0.006	164.7	0.02	0.02	0.04	5.2	0.009	<0.1	0.5	17	46.5
83C03	2005	1039	11	471178	5764878	6		0.38	31.8	0.059	0.11	4.0	0.4	21	0.006	193.8	0.05	0.02	0.05	5.8	0.005	<0.1	0.7	14	77.3
83C03	2005	1040	11	470767	5766334	1		0.36	30.4	0.065	0.10	3.9	0.2	16	0.005	126.7	0.01	0.02	0.04	6.0	0.009	<0.1	0.5	19	62.6
83C03	2005	1043	11	475661	5767441	6		0.93	17.4	0.146	0.15	2.9	0.2	18	0.006	252.6	0.14	0.02	0.11	5.3	0.007	<0.1	0.7	12	32.8
83C03	2005	1044	11	476146	5768112	6		0.43	17.1	0.096	0.05	3.2	0.1	12	0.004	342.3	0.06	0.02	0.03	5.2	0.004	<0.1	0.4	9	36.5
83C03	2005	1045	11	475132	5767632	6		0.60	25.1	0.068	0.05	3.8	0.3	32	0.005	74.7	0.10	<0.02	0.04	3.4	0.007	<0.1	1.0	14	71.6
83C03	2005	1046	11	476140	5769446	6	10	0.28	6.9	0.020	0.03	1.7	0.2	11	0.008	364.5	<0.01	0.04	<0.02	2.3	0.007	<0.1	0.5	8	17.1

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
83C03	2005	1047	11	476140	5769446	6	20	0.38	0.05	1.5	17.6	0.07	1	0.04	34.07	11.2	4.4	6.57	1.3	<0.2	0.81	5.4	7.40	3.59	152	8
83C03	2005	1048	11	479486	5763093	6		0.96	0.08	4.1	41.4	0.11	9	0.04	13.38	16.5	11.0	9.70	3.1	<0.2	1.64	18.4	9.63	1.01	624	15
83C03	2005	1049	11	481497	5764503	6		1.11	0.06	2.7	54.7	0.14	4	0.06	7.46	20.2	10.8	12.63	3.6	6.0	2.29	17.6	13.15	1.26	471	17
83C03	2005	1050	11	478766	5761995	6		0.42	0.05	2.8	19.8	0.06	4	0.03	20.65	9.2	4.8	7.04	1.3	<0.2	1.02	9.5	6.60	4.73	306	9
83C03	2005	1051	11	481136	5764879	6		0.74	0.07	4.1	38.4	0.11	5	0.06	14.47	16.9	9.0	11.26	2.6	0.4	1.69	14.2	10.70	1.35	491	18

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
83C03	2005	1047	11	476140	5769446	6	20	0.24	9.0	0.021	0.03	1.6	0.2	12	0.008	370.6	0.03	0.03	<0.02	2.2	0.007	<0.1	0.5	8	17.4
83C03	2005	1048	11	479486	5763093	6		0.50	16.1	0.169	0.21	2.8	0.1	15	0.004	208.8	0.05	0.02	0.06	5.1	0.004	<0.1	0.5	10	32.9
83C03	2005	1049	11	481497	5764503	6		0.30	18.2	0.120	0.09	4.1	0.3	19	0.005	124.2	0.04	<0.02	0.03	4.8	0.005	<0.1	0.4	14	48.0
83C03	2005	1050	11	478766	5761995	6		0.30	7.9	0.061	0.06	2.2	0.3	9	0.007	270.6	0.04	0.02	0.02	2.7	0.003	<0.1	0.3	7	21.9
83C03	2005	1051	11	481136	5764879	6		0.68	15.2	0.103	0.13	3.0	0.2	14	0.005	238.6	0.19	0.02	0.03	5.0	0.002	<0.1	0.5	7	36.5

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
83C03	2005	1002	11	471237	5766751	6		<0.1	2.1	120	1.4	27	25	<1	44	7	0.3	<2	<1	1.37	14.0	0.07	<1	11	26
83C03	2005	1003	11	470629	5766904	6	10	0.1	3.2	300	1.2	15	56	2	44	9	0.7	<2	4	2.20	29.0	0.19	<1	24	72
83C03	2005	1004	11	470629	5766904	6	20	0.2	3.4	280	1.1	15	54	2	43	9	0.8	<2	4	2.20	29.0	0.19	<1	23	67
83C03	2005	1005	11	474966	5764272	6		<0.1	6.4	350	0.8	15	58	3	47	12	0.7	<2	3	2.36	31.0	0.18	<1	23	72
83C05	2005	1006	11	434649	5792143	6		0.2	2.0	230	0.6	22	54	1	27	7	0.6	<2	3	1.58	27.0	0.16	<1	24	44
83C05	2005	1007	11	436270	5792874	6		0.2	1.3	200	1.0	22	48	1	25	6	0.6	<2	2	1.58	24.0	0.16	<1	21	40
83C05	2005	1008	11	435250	5795097	6		0.1	1.7	290	<0.5	14	86	2	44	11	1.2	<2	6	2.68	40.0	0.33	<1	37	67
83C05	2005	1009	11	435763	5795386	1		0.8	2.4	160	2.5	22	37	2	42	8	0.6	<2	2	2.08	20.0	0.13	<1	18	45
83C04	2005	1010	11	435295	5763097	6		0.2	39.0	530	2.6	<1	308	3	92	27	3.4	<4	16	5.75	162.0	0.79	<4	130	130
83C04	2005	1012	11	436365	5763150	6		<0.1	13.0	590	8.0	<1	230	5	140	25	2.8	<2	18	5.02	121.0	0.78	<5	96	110
83C04	2005	1013	11	435983	5764624	6		<0.1	16.0	620	2.4	<1	453	3	82	23	5.1	<2	25	5.05	231.0	1.00	<5	180	110
83C04	2005	1014	11	437535	5766776	6		0.4	17.0	560	3.0	<1	180	5	94	22	2.3	<2	14	5.58	95.4	0.67	<4	72	130
83C04	2005	1015	11	440034	5763517	6		0.6	22.0	640	8.0	1	290	5	91	20	3.3	<4	15	5.23	144.0	0.67	<5	120	130
83C04	2005	1016	11	440288	5763808	6		0.1	2.6	110	0.8	22	71	1	27	6	0.9	<2	9	1.75	34.0	0.26	<1	30	35
83C04	2005	1017	11	438890	5768869	6		0.4	10.0	460	1.3	2	160	4	79	14	1.9	<2	15	4.16	79.4	0.54	<3	61	92
83C04	2005	1018	11	440572	5770466	6		<0.1	3.5	440	0.7	8	120	6	110	21	1.4	<2	4	4.50	62.2	0.25	<2	52	120
83C04	2005	1019	11	441437	5771042	6		0.3	5.0	140	2.0	22	46	2	35	8	0.3	<2	2	1.72	25.0	0.13	<1	19	49
83C04	2005	1020	11	440643	5769374	6		0.1	2.0	69	1.2	29	21	<1	26	7	0.5	<2	1	1.86	12.0	0.11	<1	11	19
83C04	2005	1022	11	453881	5761998	6		0.1	1.9	86	2.1	25	29	<1	18	4	0.4	<2	1	1.16	15.0	0.10	<1	13	28
83C04	2005	1023	11	452370	5768894	6		0.6	5.1	300	12.0	9	52	4	58	12	0.5	<2	2	2.46	30.0	0.16	<3	22	89
83C04	2005	1024	11	451637	5767834	6		0.4	3.7	230	20.0	15	41	2	35	7	0.5	<2	2	2.13	22.0	0.16	<2	17	59
83C04	2005	1025	11	450559	5772935	6	10	<0.1	1.6	130	0.6	24	33	<1	22	4	0.6	<2	2	1.30	17.0	0.13	<1	15	34
83C04	2005	1026	11	450559	5772935	6	20	0.1	1.6	140	0.8	25	34	<1	22	5	0.5	<2	2	1.31	18.0	0.12	<1	15	35
83C04	2005	1027	11	451891	5774381	6		0.3	2.5	66	1.7	27	21	<1	21	5	0.4	<2	1	1.26	11.0	0.08	<1	10	23
83C04	2005	1029	11	451823	5774866	6		0.3	4.1	160	1.7	20	35	1	38	7	0.5	<2	2	1.82	19.0	0.12	<1	16	42
83C04	2005	1030	11	457736	5766427	6		0.6	3.3	130	0.9	25	33	1	30	7	0.5	<2	2	1.74	17.0	0.12	<1	16	35
83C04	2005	1031	11	455781	5765368	6		0.3	4.0	81	2.6	26	30	1	25	5	0.4	<2	1	1.32	17.0	0.10	<1	14	37
83C04	2005	1032	11	459101	5768686	6		0.4	4.4	190	1.1	17	44	2	31	7	0.6	<2	3	1.68	23.0	0.16	<1	18	42
83C04	2005	1033	11	459959	5768559	6		0.2	6.0	430	1.4	11	62	3	54	11	0.8	<2	4	2.56	32.0	0.20	<2	26	86
83C04	2005	1034	11	460557	5770125	6		0.1	4.3	200	4.2	17	25	<1	16	3	0.3	<2	4	0.83	13.0	0.11	<1	11	29
83C04	2005	1035	11	460744	5769944	6		0.1	2.6	93	4.1	19	10	<1	7	<1	<0.2	<2	3	0.37	5.6	0.06	1	<5	<15
83C04	2005	1036	11	464614	5762741	6		0.4	7.2	82	3.5	18	19	1	19	4	0.4	<2	2	1.00	12.0	0.10	<1	9	28
83C04	2005	1037	11	464123	5763021	6		0.4	7.3	95	4.2	19	17	1	16	3	0.3	<2	1	0.80	10.0	0.09	2	10	22
83C03	2005	1038	11	472421	5764178	6		0.2	3.5	370	3.9	9	73	3	77	12	0.9	<2	4	2.84	39.0	0.25	<2	29	82
83C03	2005	1039	11	471178	5764878	6		0.3	4.0	560	16.0	3	89	6	85	16	1.0	<2	4	3.66	48.0	0.31	<3	35	130
83C03	2005	1040	11	470767	5766334	1		0.2	3.4	500	5.7	5	88	4	82	15	1.0	<2	4	3.41	46.0	0.27	<2	36	100
83C03	2005	1043	11	475661	5767441	6		0.2	11.0	340	1.8	14	74	3	55	11	0.9	<2	4	2.24	42.0	0.19	4	27	70
83C03	2005	1044	11	476146	5768112	6		<0.1	4.2	290	0.8	17	61	2	59	10	0.8	<2	3	2.22	32.0	0.18	<1	27	62
83C03	2005	1045	11	475132	5767632	6		0.7	3.6	540	10.0	3	82	7	61	15	1.3	<2	6	3.58	42.0	0.36	<4	37	100
83C03	2005	1046	11	476140	5769446	6	10	<0.1	1.6	110	2.0	26	22	<1	26	5	0.3	<2	1	1.00	13.0	0.07	<1	12	24

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
83C03	2005	1002	11	471237	5766751	6		1.7	4.0	0.15	0.6	<0.5	3.9	<1	0.8	0.5	<50	16.78	700	35.53	0.10	129.0	8.11
83C03	2005	1003	11	470629	5766904	6	10	3.9	6.6	0.49	0.8	<0.5	8.7	<1	1.4	1.3	<50	14.96	880	22.03	0.06	205.0	8.15
83C03	2005	1004	11	470629	5766904	6	20	3.9	6.5	0.49	<0.5	0.6	8.7	<1	1.8	1.4	<50	14.60	920	22.47	0.06	205.0	7.92
83C03	2005	1005	11	474966	5764272	6		4.1	6.9	0.41	0.5	0.5	9.3	1	1.8	1.2	<50	13.90	1060	20.50	0.04	242.0	8.16
83C05	2005	1006	11	434649	5792143	6		3.7	4.7	0.36	<0.5	<0.5	7.3	<1	1.3	1.1	<50	14.80	640	28.86	0.05	205.0	7.69
83C05	2005	1007	11	436270	5792874	6		3.5	4.5	0.31	<0.5	<0.5	6.6	<1	1.0	1.1	<50	15.72	550	30.55	0.06	160.0	7.48
83C05	2005	1008	11	435250	5795097	6		7.2	7.3	0.76	0.7	0.8	13.0	<1	2.2	2.2	<50	13.36	630	20.18	0.05	182.0	7.40
83C05	2005	1009	11	435763	5795386	1		2.9	6.2	0.21	<0.5	<0.5	6.4	<1	0.7	0.9	<50	12.29	570	31.49	ns	ns	ns
83C04	2005	1010	11	435295	5763097	6		21.2	15.3	0.95	1.2	2.1	35.6	6	8.0	5.6	76	10.88	390	6.03	<0.02	317.0	7.37
83C04	2005	1012	11	436365	5763150	6		16.3	13.8	1.08	0.8	1.9	29.9	4	8.6	5.4	68	7.10	450	9.47	<0.02	634.0	7.64
83C04	2005	1013	11	435983	5764624	6		30.8	13.8	0.85	2.2	2.8	51.9	5	10.0	7.5	82	14.35	400	5.07	<0.02	40.3	7.34
83C04	2005	1014	11	437535	5766776	6		12.8	15.2	1.14	1.5	1.3	24.8	2	6.7	4.7	110	8.51	600	6.09	<0.02	40.3	6.91
83C04	2005	1015	11	440034	5763517	6		20.2	14.5	1.09	1.7	1.7	33.2	4	8.0	4.8	67	8.38	510	8.16	<0.02	36.6	6.93
83C04	2005	1016	11	440288	5763808	6		4.9	4.6	0.18	<0.5	0.7	10.0	<1	2.5	1.8	<50	17.70	300	26.67	<0.02	134.0	7.93
83C04	2005	1017	11	438890	5768869	6		10.9	12.7	0.74	0.6	1.5	20.1	<1	3.4	3.8	71	11.65	540	6.48	<0.02	134.0	7.33
83C04	2005	1018	11	440572	5770466	6		8.1	14.9	0.60	0.7	0.8	15.0	3	1.9	1.8	91	8.68	620	13.61	<0.02	207.0	8.05
83C04	2005	1019	11	441437	5771042	6		2.7	5.1	0.17	<0.5	<0.5	7.5	<1	1.3	0.9	<50	11.91	1090	30.65	<0.02	146.0	7.61
83C04	2005	1020	11	440643	5769374	6		2.1	4.6	0.08	<0.5	<0.5	3.7	<1	0.6	0.7	<50	17.79	420	35.69	<0.02	220.0	7.89
83C04	2005	1022	11	453881	5761998	6		2.2	3.6	0.10	<0.5	<0.5	4.3	<1	0.7	0.7	<50	14.81	690	34.39	<0.02	244.0	7.88
83C04	2005	1023	11	452370	5768894	6		3.2	7.7	0.39	<0.5	<0.5	10.0	2	2.6	1.1	<50	8.51	1620	23.63	<0.02	207.0	7.43
83C04	2005	1024	11	451637	5767834	6		3.0	6.3	0.39	<0.5	<0.5	6.7	1	1.4	1.1	<50	8.04	850	33.70	<0.02	305.0	7.63
83C04	2005	1025	11	450559	5772935	6	10	2.5	3.9	0.22	<0.5	<0.5	5.3	<1	1.0	0.8	<50	18.21	630	32.93	<0.02	159.0	7.51
83C04	2005	1026	11	450559	5772935	6	20	2.5	3.9	0.22	<0.5	<0.5	5.3	<1	1.1	0.9	<50	15.10	620	32.88	<0.02	159.0	7.60
83C04	2005	1027	11	451891	5774381	6		1.7	3.4	0.12	<0.5	<0.5	3.3	<1	0.9	0.6	<50	18.28	430	35.06	0.03	195.0	8.19
83C04	2005	1029	11	451823	5774866	6		2.6	5.8	0.24	<0.5	<0.5	5.6	<1	1.0	0.8	<50	15.99	600	29.81	<0.02	183.0	7.84
83C04	2005	1030	11	457736	5766427	6		2.5	5.5	0.17	<0.5	<0.5	5.5	1	1.2	0.8	<50	14.68	600	31.37	0.04	207.0	7.75
83C04	2005	1031	11	455781	5765368	6		2.1	4.2	0.14	<0.5	<0.5	5.5	<1	1.1	0.7	<50	12.30	900	34.07	<0.02	232.0	7.92
83C04	2005	1032	11	459101	5768686	6		3.2	5.2	0.38	<0.5	<0.5	7.0	1	1.4	1.0	<50	12.02	720	26.36	<0.02	195.0	8.02
83C04	2005	1033	11	459959	5768559	6		4.1	7.7	0.43	0.7	<0.5	10.0	<1	2.0	1.3	84	11.52	1270	17.21	<0.02	232.0	8.00
83C04	2005	1034	11	460557	5770125	6		1.9	2.5	0.16	<0.5	<0.5	3.5	<1	1.1	0.7	<50	19.42	490	32.33	<0.02	207.0	8.04
83C04	2005	1035	11	460744	5769944	6		0.8	1.1	0.04	<0.5	<0.5	1.3	<1	0.7	0.4	<50	21.97	300	40.27	<0.02	244.0	7.68
83C04	2005	1036	11	464614	5762741	6		1.7	2.7	0.06	<0.5	<0.5	2.3	<1	1.7	0.7	<50	19.61	720	34.76	<0.02	256.0	7.94
83C04	2005	1037	11	464123	5763021	6		1.6	2.7	0.08	<0.5	<0.5	2.1	<1	1.4	0.7	<50	17.72	550	36.79	<0.02	256.0	8.10
83C03	2005	1038	11	472421	5764178	6		4.9	8.9	0.50	1.0	<0.5	11.0	<1	1.9	1.7	<50	12.82	1200	18.62	<0.02	256.0	7.89
83C03	2005	1039	11	471178	5764878	6		5.8	12.4	0.76	1.1	0.8	15.0	<1	3.3	2.2	73	8.21	1260	14.19	<0.02	232.0	7.66
83C03	2005	1040	11	470767	5766334	1		5.8	11.0	0.76	1.1	<0.5	13.0	<1	2.4	1.9	61	9.62	1440	14.43	ns	ns	ns
83C03	2005	1043	11	475661	5767441	6		4.4	6.6	0.32	1.2	0.5	11.0	<1	2.4	1.3	<50	15.99	990	20.56	<0.02	244.0	7.84
83C03	2005	1044	11	476146	5768112	6		4.3	7.2	0.39	1.0	<0.5	10.0	<1	1.3	1.2	<50	13.21	750	22.91	<0.02	244.0	7.80
83C03	2005	1045	11	475132	5767632	6		6.5	11.0	0.92	0.9	0.5	14.0	<1	3.1	2.4	73	7.21	700	18.86	<0.02	159.0	8.00
83C03	2005	1046	11	476140	5769446	6	10	1.6	3.0	0.12	<0.5	<0.5	3.5	<1	0.9	0.4	<50	12.25	480	37.36	<0.02	159.0	7.73

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
83C03	2005	1047	11	476140	5769446	6	20	0.1	1.7	78	2.0	28	23	<1	26	5	0.4	<2	<1	1.03	13.0	0.07	<1	10	21
83C03	2005	1048	11	479486	5763093	6		0.2	6.3	390	1.4	13	62	3	51	12	0.8	<2	5	2.18	31.0	0.18	<2	24	80
83C03	2005	1049	11	481497	5764503	6		<0.1	3.2	440	7.1	7	73	4	64	12	0.9	7	4	2.83	39.0	0.23	<3	33	92
83C03	2005	1050	11	478766	5761995	6		<0.1	2.5	150	2.9	21	33	<1	27	5	0.4	<2	3	1.33	18.0	0.11	<1	16	32
83C03	2005	1051	11	481136	5764879	6		0.1	5.1	340	1.1	15	64	3	55	10	0.7	<2	4	2.21	34.0	0.18	<2	26	68

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
83C03	2005	1047	11	476140	5769446	6	20	1.5	3.1	0.13	<0.5	<0.5	3.6	1	1.0	0.5	<50	13.26	400	37.24	<0.02	159.0	7.76
83C03	2005	1048	11	479486	5763093	6		4.1	6.9	0.31	<0.5	<0.5	10.0	<1	2.4	1.2	<50	13.76	810	17.33	<0.02	281.0	8.00
83C03	2005	1049	11	481497	5764503	6		5.0	9.2	0.72	<0.5	<0.5	12.0	<1	1.8	1.6	50	8.84	940	15.30	<0.02	305.0	8.04
83C03	2005	1050	11	478766	5761995	6		2.5	4.1	0.24	<0.5	<0.5	5.0	<1	1.3	0.8	<50	15.62	690	30.84	<0.02	220.0	7.85
83C03	2005	1051	11	481136	5764879	6		3.9	6.8	0.38	1.2	0.5	10.0	<1	2.1	1.2	<50	11.43	570	19.98	0.04	220.0	8.20

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
83D13	2005	1002	11	328797	5871617	52.96678	-119.54934	1106	6	10	0	3	8	0	2	310	3.7	40	2	8	3	2	5	1	1	2	1	08/28
83D13	2005	1003	11	328797	5871617	52.96678	-119.54934	1106	6	20	0	3	8	0	2	310	3.7	40	2	8	3	2	5	1	1	2	1	08/28
83D14	2005	1004	11	332106	5869555	52.94931	-119.49905	895	6		3	4	8	0	1	220	15.0	40	2	8	3	2	5	1	1	2	1	08/28
83D14	2005	1005	11	332910	5864436	52.90359	-119.48446	1364	6		3	3	8	0	1	310	1.2	40	2	8	3	2	5	1	1	2	1	08/28
83D14	2005	1006	11	332476	5865572	52.91365	-119.49149	1328	6		0	3	8	0	1	220	1.0	30	2	0	3	2	5	1	1	2	1	08/28
83D13	2005	1007	11	320967	5875516	52.99924	-119.66796	1107	6		0	3	8	0	1	220	2.0	45	2	0	3	2	5	1	1	2	1	08/29
83D13	2005	1009	11	321634	5869879	52.94884	-119.65493	1341	6		0	4	8	0	1	220	2.0	30	2	0	3	2	5	1	1	2	1	08/29
83D13	2005	1010	11	322226	5871396	52.96266	-119.64696	1338	6		0	3	8	0	1	310	1.2	25	2	0	3	2	5	1	1	2	1	08/29
83D11	2005	1011	11	331486	5824164	52.54145	-119.48495	966	6		0	2	8	0	8	130	1.0	8	2	0	2	3	5	1	1	1	1	09/09
83D11	2005	1012	11	333084	5822589	52.52780	-119.46063	889	6		0	3	8	0	8	130	2.0	22	2	0	2	2	5	1	1	2	1	09/09
83D06	2005	1013	11	343745	5817846	52.48835	-119.30138	819	6		0	3	8	0	1	310	3.0	13	2	0	3	1	5	1	1	0	1	09/09
83D06	2005	1014	11	344728	5817238	52.48317	-119.28663	767	6		0	3	8	0	0	220	1.0	15	2	0	3	1	5	1	1	0	1	09/09
83D06	2005	1015	11	346859	5817360	52.48486	-119.25533	797	6		0	3	8	0	8	220	0.6	18	7	0	3	1	5	1	1	0	1	09/09
83D06	2005	1016	11	349198	5817872	52.49012	-119.22114	887	6		0	2	8	0	8	220	0.3	10	7	0	3	3	5	1	1	0	1	09/09
83D06	2005	1017	11	350382	5817549	52.48754	-119.20358	912	6		0	3	8	0	8	220	1.1	15	2	0	3	1	5	1	1	0	1	09/09
83D06	2005	1018	11	352231	5817614	52.48863	-119.17639	881	6		0	3	8	0	8	220	2.5	45	2	0	3	1	5	1	1	0	1	09/09
83D06	2005	1019	11	355150	5817172	52.48544	-119.13323	755	6		0	1	8	0	2	220	1.3	20	7	0	2	3	5	1	1	0	1	09/09
83D12	2005	1020	11	319526	5835380	52.63834	-119.66723	1153	6		3	3	8	0	0	130	18.0	60	0	0	3	1	5	1	1	2	3	09/14
83D11	2005	1022	11	357866	5825586	52.56175	-119.09687	857	6		2	2	6	0	8	130	5.0	20	1	0	3	2	5	1	1	1	3	09/09
83D11	2005	1024	11	362423	5826489	52.57103	-119.03007	1279	6		1	4	8	0	8	130	13.0	100	5	1	1	1	5	1	1	2	3	09/09
83D11	2005	1025	11	362310	5826340	52.56967	-119.03166	1275	6		3	4	8	0	8	130	12.0	100	2	0	1	1	5	1	1	2	3	09/09
83D11	2005	1026	11	358224	5828783	52.59056	-119.09296	881	6		0	3	8	0	1	310	0.4	17	1	0	3	2	5	1	1	1	1	09/09
83D12	2005	1027	11	319373	5832487	52.61231	-119.66791	1247	6		0	3	8	0	0	220	11.0	50	2	0	1	1	5	1	1	3	1	09/14
83D12	2005	1028	11	317126	5835751	52.64087	-119.70286	1379	6		0	3	8	0	0	130	2.0	10	2	0	3	1	5	1	1	1	3	09/14
83D12	2005	1029	11	319027	5832570	52.61294	-119.67305	1239	6		0	2	8	0	0	310	2.2	10	2	0	1	1	5	1	1	1	1	09/14
83D12	2005	1030	11	317127	5835983	52.64295	-119.70299	1335	6		3	3	8	0	0	130	10.0	50	2	0	3	1	5	1	1	3	3	09/14
83D12	2005	1031	11	323595	5826108	52.55641	-119.60223	1317	6		0	2	8	0	0	310	1.2	10	2	0	1	1	5	1	1	1	1	09/14
83D03	2005	1032	11	352125	5785990	52.20449	-119.16402	1049	6		0	2	8	0	8	310	1.2	10	2	0	3	1	5	1	1	1	1	09/24
83D06	2005	1033	11	349665	5811412	52.43221	-119.21136	1218	6		0	3	8	0	8	220	5.0	18	1	0	1	1	5	1	1	2	1	09/11
83D06	2005	1034	11	350012	5812972	52.44633	-119.20695	1260	6		0	4	8	0	8	311	3.0	15	0	0	1	1	5	1	1	1	1	09/11
83D06	2005	1035	11	346857	5807075	52.39247	-119.25064	1294	6		0	2	8	0	8	310	3.0	20	2	0	3	2	5	1	1	1	1	09/11
83D06	2005	1036	11	345209	5807024	52.39155	-119.27482	1251	6		0	3	8	0	8	310	2.0	10	2	0	1	1	5	1	1	1	1	09/11
83D06	2005	1037	11	343571	5806637	52.38761	-119.29869	1201	6		0	2	8	0	8	310	1.2	6	2	0	3	1	5	1	1	1	1	09/11
83D06	2005	1038	11	347243	5804445	52.36896	-119.24378	1330	6		0	2	8	0	8	220	1.2	5	2	0	3	1	5	1	1	1	1	09/11
83D06	2005	1039	11	350469	5814976	52.46445	-119.20114	983	6	10	0	4	8	0	8	220	2.0	10	2	0	1	1	5	1	1	1	1	09/11
83D06	2005	1040	11	350469	5814976	52.46445	-119.20114	983	6	20	0	4	8	0	8	220	2.0	10	2	0	1	1	5	1	1	1	1	09/16
83D14	2005	1042	11	345121	5871658	52.97211	-119.30651	938	6		0	3	8	0	5	220	3.0	30	2	0	3	1	5	1	1	3	1	09/12
83D14	2005	1043	11	347883	5874177	52.99553	-119.26659	948	6		0	3	8	0	2	220	3.0	40	2	0	1	1	5	1	1	2	1	09/12
83D12	2005	1044	11	322904	5825805	52.55346	-119.61225	1324	6		0	3	8	0	0	130	10.0	45	2	0	3	1	5	1	1	3	3	09/14
83D12	2005	1045	11	322638	5826046	52.55554	-119.61629	1302	6		0	3	8	0	0	131	4.0	25	2	0	1	1	5	1	1	2	3	09/14

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
83D06	2005	1046	11	351423	5798556	52.31720	-119.17983	752	6		0	2	8	0	1	220	1.0	15	7	0	3	1	5	1	1	1	1	09/13
83D06	2005	1047	11	351507	5805808	52.38237	-119.18180	738	6		0	2	8	0	1	310	10.0	40	0	0	1	1	5	1	1	0	1	09/13
83D06	2005	1048	11	353650	5811637	52.43532	-119.15288	744	6		0	1	8	0	1	220	0.8	15	7	0	2	1	5	1	1	1	1	09/13
83D06	2005	1049	11	354888	5812824	52.44631	-119.13520	792	6		0	2	8	0	1	310	1.0	8	7	0	3	1	5	1	1	1	1	09/13
83D06	2005	1051	11	355451	5814275	52.45950	-119.12755	768	6		0	2	8	0	1	310	15.0	40	0	0	1	3	5	1	1	2	1	09/13
83D11	2005	1052	11	356233	5831308	52.61273	-119.12343	893	6		0	2	8	0	1	311	0.5	10	7	0	3	1	5	1	1	1	1	09/13
83D11	2005	1053	11	353512	5835031	52.64544	-119.16524	909	6		0	3	8	0	1	310	2.0	15	1	0	1	1	5	1	1	1	1	09/13
83D12	2005	1054	11	326725	5828154	52.57579	-119.55718	1033	6		0	2	8	0	1	310	1.1	10	2	0	3	1	5	1	1	2	1	09/14
83D13	2005	1055	11	306859	5874449	52.98476	-119.87728	758	6		0	1	8	0	2	220	2.5	15	7	0	2	3	5	1	1	1	1	09/13
83D13	2005	1056	11	307194	5874013	52.98097	-119.87203	799	6		0	2	8	0	0	310	1.0	15	0	0	3	3	5	1	1	1	1	09/13
83D13	2005	1057	11	304983	5872593	52.96742	-119.90407	847	6	10	0	2	8	0	1	220	0.8	10	2	0	3	1	5	1	1	3	1	09/13
83D13	2005	1058	11	304983	5872593	52.96742	-119.90407	847	6	20	0	2	8	0	1	220	0.8	10	2	0	3	1	5	1	1	3	1	09/13
83D13	2005	1059	11	303311	5871488	52.95689	-119.92826	907	6		0	3	8	0	0	310	2.0	15	2	0	3	1	5	1	1	2	1	09/13
83D13	2005	1060	11	308475	5869869	52.94422	-119.85053	1249	6		0	3	8	0	0	220	5.0	60	2	0	1	1	5	1	1	3	1	09/13
83D13	2005	1062	11	307985	5868109	52.92824	-119.85677	1432	6		0	2	8	0	0	220	0.2	8	7	0	2	1	5	1	1	1	1	09/13
83D13	2005	1063	11	307067	5865738	52.90662	-119.86901	1385	6		0	3	8	0	0	220	1.0	10	2	0	1	1	5	1	1	1	1	09/13
83D13	2005	1064	11	307422	5865050	52.90058	-119.86332	1442	6		0	3	8	0	0	310	1.2	15	2	0	3	1	5	1	1	2	1	09/13
83D13	2005	1065	11	303970	5871054	52.95323	-119.91820	891	6		0	1	8	0	0	220	0.3	8	7	0	2	3	5	1	1	1	1	09/13
83D13	2005	1066	11	302496	5871010	52.95230	-119.94008	922	6	10	2	3	8	0	1	130	5.0	50	1	0	1	2	5	1	1	3	3	09/13
83D13	2005	1067	11	302496	5871010	52.95230	-119.94008	922	6	20	2	3	8	0	1	130	5.0	50	1	0	1	2	5	1	1	3	3	09/13
83D13	2005	1068	11	320133	5867645	52.92828	-119.67601	1434	6		0	3	8	0	1	220	1.2	20	2	0	1	1	5	1	1	0	1	09/13
83D14	2005	1069	11	331691	5859616	52.85992	-119.50008	1410	6		0	2	8	0	0	310	4.0	35	1	1	3	3	5	1	1	1	1	09/13
83D13	2005	1070	11	322995	5861274	52.87202	-119.63000	1346	6		0	2	8	0	0	310	10.0	20	0	1	3	3	5	1	1	2	1	09/13
83D13	2005	1071	11	322411	5861238	52.87151	-119.63865	1373	6		0	2	8	0	0	220	0.4	15	7	0	2	1	5	1	1	1	1	09/13
83D13	2005	1072	11	323729	5862014	52.87891	-119.61950	1352	6		0	3	8	0	0	220	0.5	10	2	0	1	1	5	1	1	1	1	09/13
83D13	2005	1073	11	325042	5862866	52.88699	-119.60047	1334	6		0	3	8	0	0	220	2.0	10	2	0	3	1	5	1	1	2	1	09/13
83D13	2005	1074	11	325839	5862963	52.88811	-119.58869	1337	6		0	2	8	0	0	220	3.0	50	7	0	2	3	5	1	1	3	1	09/13
83D13	2005	1075	11	326653	5863858	52.89642	-119.57708	1206	6		0	3	8	0	0	310	3.0	15	2	0	3	1	5	1	1	2	1	09/13
83D13	2005	1076	11	326122	5864020	52.89770	-119.58505	1337	6		0	3	8	0	0	220	0.5	10	2	0	3	1	5	1	1	1	1	09/13
83D13	2005	1077	11	327217	5864566	52.90296	-119.56908	1188	6		0	2	8	0	0	221	2.0	10	2	0	3	1	5	1	1	2	1	09/13
83D13	2005	1078	11	318097	5865722	52.91033	-119.70517	1475	6		0	3	8	0	0	220	2.0	20	2	0	1	1	5	1	1	1	1	09/13
83D13	2005	1080	11	317063	5865426	52.90732	-119.72037	1445	6		0	3	8	0	0	220	1.0	10	2	0	3	1	5	1	1	2	1	09/13
83D13	2005	1082	11	315444	5863116	52.88602	-119.74310	1528	6		0	2	8	0	0	220	2.0	20	2	0	1	1	5	1	1	1	1	09/13
83D13	2005	1083	11	315163	5863808	52.89214	-119.74767	1498	6		0	2	8	0	0	220	0.6	10	7	0	4	1	5	1	1	0	1	09/13
83D13	2005	1085	11	314193	5874235	52.98543	-119.76804	1538	6	10	0	3	8	0	0	310	7.0	30	2	0	3	1	5	1	1	0	1	09/13
83D13	2005	1086	11	314193	5874235	52.98543	-119.76804	1538	6	20	0	3	8	0	0	310	7.0	30	2	0	3	1	5	1	1	0	1	09/13
83D13	2005	1087	11	314063	5874149	52.98461	-119.76993	1571	6		0	2	8	0	0	220	3.5	50	2	0	3	1	5	1	1	2	1	09/13
83D13	2005	1088	11	302237	5869167	52.93566	-119.94281	1095	6		0	3	8	0	0	220	1.5	30	1	0	1	1	5	1	1	1	1	09/13
83D13	2005	1089	11	300903	5867540	52.92055	-119.96164	1098	6		0	3	8	0	0	310	3.0	5	5	0	1	1	5	1	1	3	1	09/13
83D13	2005	1090	11	300890	5866676	52.91279	-119.96130	1106	6		0	2	8	0	0	310	3.0		2	0	1	1	5	1	1	2	1	09/13

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
83D13	2005	1091	11	301225	5866637	52.91257	-119.95631	1048	6		0	3	8	0	0	130	1.8	40	2	0	1	1	5	1	1	2	1	09/13
83D13	2005	1092	11	300770	5865402	52.90131	-119.96230	1107	6		0	3	6	0	0	220	2.0	20	2	0	1	1	5	1	1	1	1	09/13
83D13	2005	1093	11	301455	5863683	52.88613	-119.95108	1168	6		0	3	8	0	0	220	6.0	20	2	0	3	1	5	1	1	2	1	09/13
83D13	2005	1094	11	301653	5862484	52.87545	-119.94741	1232	6		0	3	8	0	0	220	1.2	25	2	0	1	1	5	1	1	1	1	09/13
83D13	2005	1095	11	301389	5861459	52.86614	-119.95070	1157	6		0	2	8	0	0	220	2.1	18	2	0	3	1	5	1	1	2	1	09/13
83D13	2005	1096	11	302096	5860401	52.85691	-119.93957	1186	6		0	2	8	0	0	220	2.0	10	1	0	3	1	5	1	1	3	1	09/13
83D13	2005	1097	11	302163	5858564	52.84044	-119.93746	1119	6		0	3	8	0	0	310	12.0	40	2	0	3	1	5	1	1	3	1	09/13
83D13	2005	1098	11	302553	5858057	52.83603	-119.93137	1130	6		0	2	8	0	0	220	3.0	20	1	0	3	1	5	1	1	2	1	09/13
83D13	2005	1099	11	299300	5852667	52.78643	-119.97629	1448	6		2	3	6	0	0	130	6.0	40	1	0	3	2	5	1	1	3	3	09/13
83D13	2005	1100	11	299469	5852828	52.78794	-119.97388	1462	6		0	3	8	0	0	310	10.0	15	0	0	3	1	5	1	1	3	1	09/13
83D12	2005	1102	11	325522	5821837	52.51867	-119.57159	1219	6		0	3	8	0	0	310	2.5	20	2	0	1	1	5	1	1	3	1	09/14
83D12	2005	1103	11	324253	5821698	52.51701	-119.59020	1167	6		0	3	8	0	0	311	1.0	15	2	0	1	1	5	1	1	3	1	09/14
83D12	2005	1104	11	323892	5820457	52.50576	-119.59485	1529	6		0	3	8	0	0	220	5.0	25	2	0	3	2	5	1	1	3	1	09/14
83D12	2005	1105	11	323017	5820544	52.50625	-119.60777	1196	6		0	2	6	0	0	310	0.8	10	2	0	1	1	5	1	1	1	1	09/14
83D12	2005	1106	11	328826	5823949	52.53869	-119.52404	918	6	10	0	3	8	0	0	130	5.0	50	2	0	3	1	5	1	1	4	3	09/14
83D12	2005	1107	11	328826	5823949	52.53869	-119.52404	918	6	20	0	3	8	0	0	130	5.0	50	2	0	3	1	5	1	1	4	3	09/14
83D06	2005	1108	11	332387	5809511	52.41012	-119.46432	1348	6		0	2	8	0	0	310	0.4	5	2	0	1	1	5	1	1	1	1	09/14
83D06	2005	1109	11	332314	5809379	52.40891	-119.46532	1335	6		0	3	8	0	0	130	12.0	40	2	0	3	1	5	1	1	3	3	09/14
83D06	2005	1110	11	332625	5812922	52.44083	-119.46253	1091	6		0	2	8	0	1	220	3.5	75	7	0	3	3	5	1	1	2	1	09/14
83D06	2005	1111	11	332691	5812811	52.43985	-119.46150	1110	6		0	2	8	0	0	130	10.0	40	1	0	3	2	5	1	1	3	3	09/14
83D11	2005	1112	11	331821	5820630	52.50981	-119.47824	1072	6		0	2	8	0	1	310	1.5	30	2	0	1	1	5	1	1	2	1	09/14
83D11	2005	1113	11	332132	5821824	52.52063	-119.47425	914	6		0	3	8	0	0	130	7.0	50	2	0	3	1	5	1	1	3	3	09/14
83D05	2005	1115	11	329027	5818152	52.48668	-119.51809	1264	6		0	3	8	0	0	310	1.5	15	2	0	1	1	5	1	1	2	1	09/14
83D05	2005	1116	11	327966	5816384	52.47047	-119.53278	1359	6		0	3	8	0	0	310	3.0	30	2	0	3	1	5	1	1	2	1	09/14
83D05	2005	1117	11	327348	5816318	52.46968	-119.54183	1310	6		0	1	8	0	0	310	0.4	5	2	0	3	1	5	1	1	1	1	09/14
83D05	2005	1118	11	327505	5816155	52.46827	-119.53944	1317	6		0	3	8	0	0	130	4.0	35	2	0	3	1	5	1	1	3	3	09/14
83D11	2005	1119	11	335672	5830234	52.59725	-119.42630	1494	6		0	3	8	0	0	310	1.0	20	2	0	3	1	5	1	1	1	1	09/14
83D11	2005	1120	11	335250	5830342	52.59809	-119.43258	1484	6		0	3	8	0	0	220	2.0	15	2	0	3	1	5	1	1	2	1	09/14
83D06	2005	1122	11	330537	5818971	52.49451	-119.49630	1277	6		0	3	8	0	1	310	2.0	20	2	0	1	1	5	1	1	1	1	09/14
83D06	2005	1123	11	349009	5812463	52.44147	-119.22148	1017	6		0	4	8	0	0	311	0.8	10	2	0	3	1	5	1	1	1	1	09/14
83D06	2005	1124	11	345305	5807595	52.39671	-119.27368	1125	6		0	2	8	0	1	310	1.8	15	2	0	3	1	4	1	1	1	1	09/14
83D06	2005	1125	11	339710	5805637	52.37751	-119.35489	1190	6		0	3	8	0	0	310	3.0	10	1	0	3	1	5	1	1	0	1	09/14
83D06	2005	1126	11	340060	5805245	52.37409	-119.34957	1220	6	10	0	2	8	0	1	310	4.0	25	0	0	3	1	5	1	1	2	1	09/14
83D06	2005	1127	11	340060	5805245	52.37409	-119.34957	1220	6	20	0	2	8	0	1	310	4.0	25	0	0	3	1	5	1	1	2	1	09/14
83D12	2005	1128	11	310099	5846036	52.73080	-119.81253	1185	6		0	3	8	0	0	310	0.8	10	2	0	3	1	5	1	1	1	1	09/16
83D12	2005	1129	11	307606	5846782	52.73662	-119.84983	1202	6		0	1	8	0	0	310	3.0	60	2	0	3	3	5	1	1	2	1	09/16
83D13	2005	1130	11	305089	5849689	52.76182	-119.88880	1241	6		0	3	8	0	0	220	1.2	10	2	0	1	1	5	1	1	1	1	09/16
83D13	2005	1131	11	304466	5851101	52.77428	-119.89886	1157	6		0	3	8	0	0	221	3.3	15	2	0	1	1	5	1	1	1	1	09/16
83D13	2005	1132	11	303853	5851143	52.77443	-119.90795	1174	6		0	2	8	0	0	220	6.0	20	2	0	3	3	5	1	1	1	1	09/16
83D13	2005	1133	11	308623	5850180	52.76749	-119.83677	1417	6		0	2	8	0	0	220	0.6	20	7	0	3	1	5	1	1	1	1	09/16

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
83D13	2005	1134	11	309789	5851217	52.77722	-119.82012	1447	6		0	2	8	0	0	310	4.0	15	2	0	3	1	5	1	1	1	1	09/16
83D12	2005	1135	11	325805	5843185	52.71049	-119.57866	1180	6		0	2	8	0	0	220	1.5	10	2	0	3	2	5	1	1	2	1	09/16
83D12	2005	1136	11	326255	5843031	52.70925	-119.57192	1231	6		0	3	8	0	0	310	2.1	12	2	0	3	1	5	1	1	2	1	09/16
83D12	2005	1138	11	326082	5843172	52.71046	-119.57457	1174	6		0	3	6	0	0	130	5.0	40	2	0	1	1	5	1	1	3	3	09/16
83D12	2005	1139	11	325557	5846172	52.73723	-119.58392	1028	6		0	2	6	0	0	130	3.0	40	2	0	3	3	5	1	1	2	3	09/16
83D12	2005	1140	11	323867	5846556	52.74014	-119.60913	1045	6		0	2	8	0	0	310	2.2	10	2	0	3	1	5	1	1	2	1	09/16
83D12	2005	1142	11	328007	5845731	52.73406	-119.54744	1030	6		0	3	8	0	0	310	1.2	15	2	0	1	1	5	1	1	1	1	09/16
83D12	2005	1143	11	328354	5845040	52.72796	-119.54195	1018	6		0	2	8	0	0	220	1.4	18	2	0	3	1	5	1	1	2	1	09/16
83D12	2005	1144	11	329467	5844441	52.72293	-119.52516	1012	6		0	3	8	0	0	220	1.5	12	2	0	3	1	5	1	1	3	1	09/16
83D12	2005	1145	11	329674	5845098	52.72890	-119.52244	1019	6		0	3	8	0	0	310	1.1	25	2	0	1	1	5	1	1	1	1	09/16
83D11	2005	1147	11	333038	5844831	52.72755	-119.47254	987	6		0	3	8	0	0	310	1.2	70	2	0	2	1	5	1	1	2	1	09/16
83D11	2005	1148	11	331700	5844313	52.72249	-119.49207	1017	6	10	0	2	8	0	0	220	8.0	40	2	0	3	2	5	1	1	3	1	09/16
83D11	2005	1149	11	331700	5844313	52.72249	-119.49207	1017	6	20	0	2	8	0	0	220	8.0	40	2	0	3	2	5	1	1	3	1	09/16
83D11	2005	1150	11	331030	5839589	52.67985	-119.49956	1372	6		0	2	8	0	0	310	1.2	10	2	0	3	1	5	1	1	1	1	09/16
83D11	2005	1151	11	331338	5839447	52.67867	-119.49494	1457	6		0	3	8	0	0	311	0.9	8	2	0	3	1	5	1	1	2	1	09/16
83D11	2005	1152	11	331144	5839309	52.67737	-119.49773	1387	6		0	2	8	0	0	310	5.0	20	2	0	3	3	5	1	1	3	1	09/16
83D11	2005	1153	11	336088	5844566	52.72611	-119.42728	969	6		0	1	6	0	1	220	0.5	15	7	0	2	3	5	1	1	2	1	09/16
83D11	2005	1154	11	334370	5845965	52.73814	-119.45341	1388	6		0	3	8	0	8	310	1.2	30	2	0	3	1	5	1	1	2	1	09/16
83D11	2005	1155	11	336806	5838867	52.67513	-119.41384	1308	6		0	3	8	0	0	130	6.0	70	2	0	1	1	5	1	1	2	3	09/16
83D11	2005	1156	11	337094	5838882	52.67535	-119.40958	1321	6		0	3	8	0	0	220	4.0	25	2	0	3	1	5	1	1	2	1	09/16
83D11	2005	1157	11	340441	5845389	52.73480	-119.36328	994	6		0	3	8	0	8	220	2.0	15	0	0	3	1	5	1	1	2	1	09/16
83D11	2005	1158	11	340980	5845468	52.73567	-119.35535	1046	6		0	2	8	0	1	220	1.5	15	7	0	3	1	5	1	1	1	1	09/16
83D14	2005	1159	11	341021	5851597	52.79073	-119.35771	1325	6		0	3	8	0	0	310	1.0	10	2	0	3	1	5	1	1	1	1	09/16
83D14	2005	1160	11	341508	5849396	52.77110	-119.34943	1346	6		0	3	8	0	0	310	2.0	10	2	0	3	1	5	1	1	2	1	09/16
83D11	2005	1162	11	351212	5833468	52.63078	-119.19850	1228	6		0	3	8	0	1	310	2.5	30	2	0	1	1	5	1	1	1	1	09/16
83D11	2005	1163	11	345535	5832780	52.62302	-119.28199	1557	6		0	4	8	0	0	311	3.0	21	2	0	3	1	5	1	1	1	1	09/16
83D11	2005	1164	11	346922	5833618	52.63093	-119.26190	1416	6		0	3	8	0	0	310	2.2	25	2	0	1	1	5	1	1	2	1	09/16
83D11	2005	1165	11	343256	5833600	52.62973	-119.31602	1498	6		0	2	8	0	0	310	1.3	60	0	0	3	3	5	1	1	3	1	09/16
83D11	2005	1166	11	343284	5833173	52.62590	-119.31541	1515	6	10	0	2	8	0	1	310	3.5	40	1	0	3	2	5	1	1	3	1	09/16
83D11	2005	1167	11	343284	5833173	52.62590	-119.31541	1515	6	20	0	2	8	0	1	311	3.5	40	1	0	3	2	5	1	1	3	1	09/16
83D14	2005	1168	11	350554	5860364	52.87221	-119.22047	1029	6		0	2	8	0	1	310	0.8	10	2	0	1	1	5	1	1	1	1	09/17
83D14	2005	1169	11	350908	5860219	52.87100	-119.21515	1089	6		0	2	8	0	0	220	0.3	10	2	0	3	1	5	1	1	1	1	09/17
83D14	2005	1170	11	352816	5860888	52.87754	-119.18712	1225	6		0	3	8	0	0	310	2.5	10	2	0	1	1	5	1	1	1	1	09/17
83D14	2005	1171	11	354013	5862076	52.88853	-119.16988	1228	6		0	3	8	0	0	220	6.0	30	1	0	3	1	5	1	1	3	1	09/17
83D14	2005	1172	11	354335	5865745	52.92158	-119.16674	1598	6		0	2	8	0	0	220	5.0	40	2	0	3	2	5	1	1	2	1	09/17
83D14	2005	1173	11	354272	5865939	52.92331	-119.16777	1573	6		0	2	8	0	0	310	12.0	40	2	0	3	3	5	1	1	2	1	09/17
83D14	2005	1174	11	356250	5860522	52.87517	-119.13597	1495	6		0	2	8	0	0	220	3.3	30	2	0	3	3	5	1	1	3	1	09/17
83D14	2005	1175	11	358525	5863005	52.89809	-119.10327	1629	6		0	2	6	0	0	310	4.0	50	0	0	3	3	5	1	1	3	1	09/17
83D14	2005	1176	11	358279	5862431	52.89287	-119.10668	1524	6		0	3	8	0	0	310	5.0	50	2	0	3	1	5	1	1	3	1	09/17
83D14	2005	1177	11	361214	5855959	52.83549	-119.06033	1620	6		0	2	6	0	0	130	4.0	30	1	0	3	1	5	1	1	3	1	09/17

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
83D14	2005	1179	11	361195	5856244	52.83804	-119.06072	1618	6		0	2	8	0	0	220	9.0	25	2	0	3	1	5	1	1	3	1	09/17
83D14	2005	1180	11	358105	5853246	52.81030	-119.10526	1190	6		0	3	6	0	0	310	3.0	20	2	0	1	1	5	1	1	3	1	09/17
83D14	2005	1182	11	357579	5853244	52.81015	-119.11307	1066	6		0	3	8	0	0	310	1.3	10	2	0	3	1	5	1	1	3	1	09/17
83D14	2005	1183	11	362084	5848132	52.76539	-119.04411	1200	6		0	3	6	0	1	310	1.5	20	2	0	1	1	5	1	1	1	1	09/17
83D15	2005	1184	11	366395	5855023	52.82839	-118.98307	1425	6		0	2	8	0	6	220	0.3	12	2	0	3	1	5	1	1	1	1	09/17
83D15	2005	1185	11	367145	5854860	52.82711	-118.97188	1397	6	10	0	3	8	0	1	130	3.0	30	2	0	1	1	5	1	1	3	1	09/17
83D15	2005	1186	11	367145	5854860	52.82711	-118.97188	1397	6	20	0	3	8	0	1	130	3.0	30	2	0	1	1	5	1	1	3	1	09/17
83D15	2005	1187	11	368430	5855523	52.83338	-118.95310	1592	6		0	3	8	0	0	220	5.0	50	2	0	3	1	5	1	1	3	1	09/17
83D15	2005	1188	11	367289	5855689	52.83460	-118.97009	1423	6		0	2	8	0	1	310	4.5	35	7	0	1	1	5	1	1	3	1	09/17
83D15	2005	1189	11	369003	5847892	52.76496	-118.94153	1322	6		0	3	8	0	1	310	2.5	15	2	0	1	1	5	1	1	2	1	09/17
83D15	2005	1190	11	370154	5847813	52.76453	-118.92445	1316	6		0	2	8	0	8	310	7.0	65	2	0	3	1	5	1	1	3	1	09/17
83D15	2005	1191	11	372969	5848838	52.77440	-118.88316	1597	6		0	2	6	0	0	130	3.5	50	7	0	3	3	5	1	1	3	3	09/17
83D15	2005	1192	11	371723	5850499	52.78904	-118.90227	1484	6		0	3	8	0	0	310	6.0	50	2	0	3	1	5	1	1	2	1	09/17
83D10	2005	1193	11	372358	5844223	52.73279	-118.89041	1562	6		0	3	8	0	0	310	3.0	35	2	0	1	1	5	1	1	1	1	09/17
83D10	2005	1194	11	372715	5843632	52.72757	-118.88490	1578	6		0	3	8	0	0	311	8.0	40	1	0	3	3	5	1	1	2	1	09/17
83D10	2005	1196	11	365545	5839139	52.68547	-118.98918	1310	6		0	3	8	0	8	311	3.0	25	2	0	1	1	5	1	1	1	1	09/17
83D10	2005	1197	11	366494	5837473	52.67074	-118.97447	1265	6		0	3	8	0	8	310	7.0	55	2	0	3	1	5	1	1	2	1	09/17
83D10	2005	1198	11	370013	5835356	52.65257	-118.92162	1078	6		0	3	8	0	0	220	6.0	60	2	0	1	1	5	1	1	3	1	09/17
83D10	2005	1199	11	369953	5834740	52.64702	-118.92226	1105	6		0	3	8	0	0	310	10.0	45	2	0	3	1	5	1	1	2	1	09/17
83D10	2005	1200	11	377673	5840816	52.70341	-118.81047	1474	6		0	2	8	0	0	310	6.0	20	2	0	3	1	5	1	1	2	1	09/17
83D10	2005	1202	11	377681	5841179	52.70668	-118.81049	1464	6	10	0	2	8	0	0	310	4.0	45	1	0	3	3	5	1	1	3	1	09/17
83D10	2005	1203	11	377681	5841179	52.70668	-118.81049	1464	6	20	0	2	8	0	0	310	4.0	45	1	0	3	3	5	1	1	3	1	09/17
83D10	2005	1204	11	380576	5839039	52.68810	-118.76688	1615	6		0	3	6	0	0	220	4.0	30	2	0	3	1	5	1	1	2	1	09/17
83D10	2005	1205	11	380498	5838492	52.68316	-118.76784	1702	6		0	3	8	0	0	220	2.2	15	0	0	3	1	5	1	1	1	1	09/17
83D10	2005	1206	11	383077	5834832	52.65083	-118.72841	1457	6		0	2	6	0	0	220	5.0	30	7	0	3	3	5	1	1	3	1	09/17
83D10	2005	1207	11	382943	5834427	52.64717	-118.73024	1448	6		0	2	6	0	0	310	6.0	45	1	0	3	3	5	1	1	3	1	09/17
83D10	2005	1209	11	393405	5834285	52.64805	-118.57563	1355	6		0	2	6	0	1	220	5.0	20	7	0	3	3	5	1	1	3	1	09/17
83D10	2005	1210	11	393743	5834169	52.64707	-118.57060	1364	6		0	2	8	0	0	310	8.0	30	1	0	3	3	5	1	1	3	1	09/17
83D10	2005	1211	11	392825	5831835	52.62592	-118.58340	1332	6		0	3	6	0	1	220	2.5	30	2	0	1	1	5	1	1	1	1	09/17
83D10	2005	1212	11	392029	5830505	52.61381	-118.59472	1308	6		0	2	8	0	0	220	0.6	12	0	0	3	1	5	1	1	1	1	09/17
83D10	2005	1213	11	390482	5828215	52.59292	-118.61680	1253	6		0	3	6	0	0	220	1.4	15	2	0	1	1	5	1	1	1	1	09/17
83D10	2005	1214	11	388604	5826023	52.57283	-118.64377	1258	6		0	3	8	0	0	220	12.0	42	2	0	3	1	5	1	1	2	1	09/17
83D10	2005	1215	11	391286	5828537	52.59597	-118.60505	1256	6		0	3	8	0	0	220	7.0	20	2	0	3	2	5	1	1	3	1	09/18
83D10	2005	1216	11	385322	5826044	52.57234	-118.69219	1120	6		0	4	8	0	0	310	10.0	60	0	0	1	1	5	1	1	2	1	09/18
83D10	2005	1217	11	387772	5827444	52.58544	-118.65654	1281	6		0	3	8	0	0	220	1.0	5	2	0	3	1	5	1	1	1	1	09/18
83D10	2005	1218	11	386018	5819741	52.51585	-118.67975	1546	6		0	3	8	0	0	310	11.0	25	2	0	1	1	5	1	1	2	1	09/18
83D10	2005	1219	11	386046	5818716	52.50664	-118.67900	1273	6		2	3	8	0	0	130	3.0	30	0	0	3	1	5	1	1	1	3	09/18
83D10	2005	1220	11	385387	5819373	52.51241	-118.68892	1462	6		0	3	8	0	0	310	8.0	25	2	0	3	1	5	1	1	3	1	09/18
83D10	2005	1222	11	386614	5818884	52.50827	-118.67068	1279	6		0	3	8	0	0	310	4.0	20	1	0	1	1	5	1	1	3	1	09/18
83D07	2005	1223	11	387409	5815623	52.47913	-118.65787	1123	6		0	2	8	0	0	310	1.0	5	1	0	3	1	5	1	1	2	1	09/18

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
83D07	2005	1224	11	387100	5815989	52.48236	-118.66255	1080	6		0	4	6	0	0	310	3.0	15	1	0	1	1	5	1	1	1	1	09/18
83D07	2005	1225	11	392234	5816847	52.49110	-118.58725	1417	6		0	4	8	0	0	310	12.0	20	2	0	1	1	5	1	1	2	1	09/18
83D10	2005	1226	11	394098	5819145	52.51212	-118.56055	1533	6		0	3	8	0	0	220	5.0	20	2	0	3	1	5	1	1	2	1	09/18
83D10	2005	1227	11	394261	5819798	52.51803	-118.55835	1574	6		0	3	8	0	0	310	1.5	3	2	0	1	1	5	1	1	1	1	09/18
83D10	2005	1228	11	394057	5820046	52.52021	-118.56144	1492	6	10	0	2	6	0	0	130	10.0	30	2	0	2	3	5	1	1	3	1	09/18
83D10	2005	1229	11	394057	5820046	52.52021	-118.56144	1492	6	20	0	2	6	0	0	130	10.0	30	2	0	2	3	5	1	1	3	1	09/18
83D08	2005	1230	11	403888	5813618	52.46426	-118.41473	1431	6		0	4	8	0	0	310	5.0	20	2	0	1	1	5	1	1	1	1	09/18
83D08	2005	1231	11	403463	5814249	52.46986	-118.42117	1387	6		0	3	8	0	0	220	8.0	30	2	0	3	1	5	1	1	2	1	09/18
83D08	2005	1232	11	402926	5816777	52.49248	-118.42981	1458	6		0	3	8	0	0	310	6.0	40	1	0	3	1	5	1	1	3	1	09/18
83D09	2005	1234	11	400591	5819739	52.51869	-118.46508	1605	6		0	3	8	0	0	220	4.5	20	2	0	3	2	5	1	1	2	1	09/18
83D09	2005	1235	11	399943	5820274	52.52337	-118.47478	1626	6		0	3	8	1	0	310	7.0	25	2	1	3	1	5	1	1	3	1	09/18
83D09	2005	1236	11	399819	5820025	52.52112	-118.47653	1612	6		0	3	8	0	0	220	8.0	28	2	0	3	1	5	1	1	3	1	09/18
83D09	2005	1237	11	405310	5817805	52.50214	-118.39501	1683	6		0	2	8	0	0	310	3.0	8	2	0	3	2	5	1	1	2	1	09/18
83D09	2005	1238	11	405324	5817954	52.50348	-118.39484	1672	6		0	3	8	0	0	220	4.0	80	2	0	3	1	5	1	0	3	1	09/18
83D07	2005	1239	11	397683	5812613	52.45410	-118.50573	1704	6		0	4	8	0	0	220	7.0	100	2	0	1	1	5	1	1	3	1	09/18
83D08	2005	1240	11	402864	5805514	52.39125	-118.42745	1353	6		0	3	8	0	0	220	8.0	80	1	0	1	1	5	1	1	2	1	09/18
83D08	2005	1242	11	406504	5807748	52.41196	-118.37459	1219	6		0	4	8	0	0	220	2.0	15	2	0	1	1	5	1	1	1	1	09/18
83D08	2005	1243	11	401912	5803044	52.36888	-118.44072	1488	6		0	3	8	0	0	130	5.0	30	2	0	3	1	5	1	1	1	3	09/18
83D08	2005	1244	11	402146	5803083	52.36927	-118.43729	1453	6		0	3	8	0	0	310	7.0	35	2	0	3	1	5	1	1	3	1	09/18
83D08	2005	1245	11	408462	5808670	52.42057	-118.34607	1246	6	10	0	3	8	0	0	220	20.0	35	1	0	3	1	5	1	1	3	1	09/18
83D08	2005	1246	11	408462	5808670	52.42057	-118.34607	1246	6	20	0	3	8	0	0	220	20.0	35	1	0	3	1	5	1	1	3	1	09/18
83D08	2005	1247	11	410582	5811036	52.44219	-118.31554	1421	6		0	3	8	0	0	130	10.0	100	2	0	1	1	5	1	1	2	3	09/18
83D07	2005	1248	11	385308	5808325	52.41311	-118.68629	740	6		0	2	8	0	1	220	1.0	3	1	0	3	2	5	1	1	1	1	09/18
83D07	2005	1249	11	386713	5806231	52.39459	-118.66494	755	6		0	2	8	0	8	220	0.2	5	7	0	2	2	5	1	1	1	1	09/18
83D07	2005	1250	11	391957	5799472	52.33490	-118.58573	825	6		0	4	8	0	0	310	5.0	20	2	1	1	1	5	1	1	1	1	09/18
83D07	2005	1251	11	395073	5794519	52.29099	-118.53847	899	6		0	3	8	0	8	310	3.0	20	1	0	3	1	5	1	1	3	1	09/18
83D07	2005	1252	11	396513	5797608	52.31903	-118.51831	1210	6		2	4	8	0	0	130	3.0	50	1	0	1	1	5	1	1	1	3	09/19
83D07	2005	1253	11	396914	5797325	52.31656	-118.51234	1432	1		0	0	8	0	0	310			0	0	1	1	5	1	0	1	1	09/19
83D08	2005	1254	11	397629	5791673	52.26590	-118.50014	759	6		2	4	8	0	0	130	20.0	110	2	0	1	1	5	1	1	3	3	09/19
83D08	2005	1255	11	399655	5793092	52.27903	-118.47087	889	6		0	3	8	0	0	310	1.2	12	7	0	3	1	5	1	1	1	1	09/19
83D08	2005	1256	11	402355	5794791	52.29479	-118.43181	1013	6		2	3	8	0	0	130	2.0	15	1	0	3	1	5	1	1	2	3	09/19
83D08	2005	1258	11	404420	5795664	52.30299	-118.40179	1122	6		0	3	8	0	0	220	10.0	20	0	0	3	1	5	1	1	2	1	09/19
83D08	2005	1259	11	404073	5796129	52.30711	-118.40701	1139	6		2	4	8	0	0	130	10.0	70	1	0	1	1	5	1	1	2	3	09/19
83D08	2005	1260	11	408049	5798091	52.32542	-118.34924	1214	6		0	4	8	0	0	310	12.0	40	2	0	3	1	5	1	1	3	1	09/19
83D08	2005	1262	11	408079	5798246	52.32682	-118.34885	1214	6	10	0	3	8	0	0	310	10.0	60	2	0	3	1	5	1	1	2	1	09/19
83D08	2005	1263	11	408079	5798246	52.32682	-118.34885	1214	6	20	0	3	8	0	0	310	10.0	60	2	0	3	1	5	1	1	2	1	09/19
83D08	2005	1264	11	409128	5790939	52.26132	-118.33148	1474	6		0	2	8	0	0	220	1.0	4	2	0	3	2	5	1	1	1	1	09/19
83D08	2005	1265	11	409238	5791157	52.26330	-118.32993	1478	6		0	3	8	0	0	310	10.0	100	5	0	1	1	5	1	1	3	1	09/19
83D08	2005	1266	11	408774	5791209	52.26369	-118.33675	1457	6		0	2	8	0	0	220	2.0	17	1	0	3	2	5	1	1	1	1	09/19
83D01	2005	1267	11	405544	5787445	52.22932	-118.38301	1051	6		0	3	8	0	0	130	8.0	25	7	0	3	1	5	1	1	2	3	09/19

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
83D01	2005	1268	11	407362	5788063	52.23518	-118.35657	1618	6		0	4	8	0	0	130	4.0	18	2	0	1	1	5	1	1	2	3	09/19
83D01	2005	1269	11	404039	5787695	52.23130	-118.40511	905	6		0	3	8	0	0	220	1.2	10	1	0	3	1	5	1	1	1	1	09/19
83D01	2005	1270	11	402463	5787638	52.23051	-118.42816	755	6		0	2	8	0	0	310	1.0	5	1	0	3	2	5	1	1	1	1	09/19
83D08	2005	1271	11	429740	5800691	52.35201	-118.03158	1008	6		2	4	6	0	0	130	6.0	90	1	0	1	1	5	1	1	1	3	09/19
83D07	2005	1272	11	376928	5808916	52.41660	-118.80965	1172	6		0	2	8	0	1	310	1.0	15	2	0	3	1	5	1	1	1	1	09/21
83D08	2005	1274	11	427059	5800086	52.34621	-118.07079	1005	6		2	3	6	0	0	130	9.0	35	2	0	3	1	5	1	1	3	3	09/19
83D08	2005	1275	11	425351	5798081	52.32796	-118.09541	1055	6		0	3	8	0	0	310	5.0	40	2	0	1	1	5	1	1	1	1	09/19
83D08	2005	1276	11	423985	5790487	52.25952	-118.11375	1175	6		2	4	8	0	1	130	15.0	100	2	0	1	1	5	1	1	2	3	09/19
83D08	2005	1277	11	423967	5790652	52.26099	-118.11405	1169	6		2	4	8	0	1	130	8.0	100	2	0	1	1	5	1	1	3	3	09/19
83D07	2005	1278	11	390340	5808493	52.41565	-118.61239	861	1		0	0	8	0	0	311	0.5		2	0	1	1	5	1	1	1	1	09/20
83D08	2005	1279	11	409412	5806646	52.40255	-118.33156	1295	6		0	3	8	0	0	220	3.0	35	2	0	1	1	5	1	1	1	1	09/20
83D08	2005	1280	11	410864	5805275	52.39046	-118.30985	1352	6		0	2	8	0	0	130	3.5	50	7	0	3	3	5	1	1	2	3	09/20
83D08	2005	1282	11	410698	5805140	52.38922	-118.31226	1344	6		0	2	8	0	0	130	4.0	30	1	0	3	2	5	1	1	3	3	09/20
83D08	2005	1283	11	410533	5804974	52.38770	-118.31465	1355	6	10	0	3	8	0	0	310	3.3	25	2	0	3	1	5	1	1	1	1	09/20
83D08	2005	1284	11	410533	5804974	52.38770	-118.31465	1355	6	20	0	3	8	0	0	310	3.3	25	2	0	3	1	5	1	1	1	1	09/20
83D01	2005	1285	11	406594	5781839	52.17911	-118.36609	1028	6		0	1	8	0	0	131	0.4	5	7	0	3	1	5	1	2	1	3	09/20
83D01	2005	1286	11	415487	5778306	52.14879	-118.23519	755	6		0	3	8	0	0	310	1.0	8	2	0	3	1	5	1	1	1	1	09/20
83D01	2005	1287	11	412553	5778081	52.14631	-118.27800	741	6		0	3	8	0	1	310	1.2	15	2	0	1	1	5	1	1	1	1	09/20
83D01	2005	1288	11	417989	5779755	52.16218	-118.19897	740	6		0	2	8	0	0	220	1.0	20	2	0	1	1	5	1	1	1	1	09/20
83D01	2005	1289	11	419252	5781219	52.17553	-118.18086	739	6		0	3	8	0	0	220	1.3	15	5	0	3	1	5	1	1	1	1	09/20
83D08	2005	1291	11	426128	5795443	52.30435	-118.08343	1057	6		0	3	6	0	0	130	2.0	30	2	0	1	1	5	1	1	1	3	09/20
83D08	2005	1292	11	423393	5794600	52.29640	-118.12335	922	6		0	4	8	0	1	130	15.0	70	5	0	1	1	5	1	1	3	3	09/20
83D08	2005	1293	11	419467	5795804	52.30666	-118.18120	1059	6		0	2	8	0	0	130	5.0	15	1	0	3	1	5	1	1	2	3	09/20
83D08	2005	1294	11	417033	5798071	52.32668	-118.21744	1196	6		0	3	6	0	0	130	7.0	50	0	0	1	1	5	1	1	1	3	09/20
83D08	2005	1295	11	417062	5798373	52.32940	-118.21710	1193	6		0	3	6	0	0	131	8.0	25	1	0	3	1	5	1	1	2	3	09/20
83D08	2005	1296	11	410586	5813900	52.46793	-118.31625	1533	6		0	3	8	0	0	310	12.0	30	2	0	3	1	5	1	1	3	1	09/20
83D08	2005	1297	11	410305	5813669	52.46581	-118.32033	1561	6		0	2	8	0	0	220	1.5	20	2	0	3	1	5	1	1	3	1	09/20
83D08	2005	1298	11	410784	5812014	52.45102	-118.31283	1471	6		0	3	6	0	0	220	3.0	25	2	0	1	1	5	1	1	1	1	09/20
83D01	2005	1299	11	411087	5782175	52.18287	-118.30049	1222	6		0	3	8	0	0	220	1.2	18	7	0	1	1	5	1	1	2	1	09/20
83D01	2005	1300	11	410913	5782491	52.18568	-118.30312	1213	6		0	3	8	0	0	130	3.5	20	2	0	1	1	5	1	1	2	1	09/20
83D01	2005	1302	11	413273	5783462	52.19478	-118.26885	1368	6		0	3	8	0	0	220	1.8	40	7	0	3	1	5	1	1	1	1	09/20
83D01	2005	1303	11	413232	5784043	52.20000	-118.26960	1362	6		0	3	8	0	0	220	1.0	10	1	0	3	1	5	1	1	1	1	09/20
83D01	2005	1304	11	413645	5783838	52.19823	-118.26351	1374	6		0	2	8	0	0	310	1.1	20	7	0	3	1	5	1	1	1	1	09/20
83D02	2005	1305	11	396036	5789886	52.24954	-118.52292	806	6		0	3	8	0	0	310	3.0	25	2	0	1	1	5	1	1	1	1	09/20
83D02	2005	1306	11	396922	5789135	52.24296	-118.50972	766	6		0	3	8	0	0	310	3.0	10	2	0	3	1	5	1	1	1	1	09/20
83D07	2005	1307	11	391248	5791221	52.26061	-118.59346	846	6		0	2	8	0	0	220	2.0	10	2	0	3	1	5	1	1	1	1	09/20
83D07	2005	1308	11	389189	5790548	52.25416	-118.62340	843	6	10	0	3	8	0	0	310	11.0	70	5	0	1	1	5	1	1	3	1	09/20
83D07	2005	1309	11	389189	5790548	52.25416	-118.62340	843	6	20	0	3	8	0	0	310	11.0	70	5	0	1	1	5	1	1	3	1	09/20
83D02	2005	1311	11	388913	5787648	52.22804	-118.62649	1061	6		0	3	8	0	0	310	2.0	30	2	0	1	1	5	1	1	1	1	09/20
83D02	2005	1312	11	388947	5786598	52.21861	-118.62564	1142	6		0	4	8	0	0	310	3.0	10	5	0	1	1	5	1	1	1	1	09/20

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
83D02	2005	1313	11	387867	5785008	52.20410	-118.64092	1164	6		0	3	8	0	0	220	2.4	30	2	0	1	1	5	1	1	1	1	09/20
83D02	2005	1314	11	386590	5783151	52.18715	-118.65897	1298	6		2	3	8	0	1	310	10.0	25	1	0	3	1	5	1	1	3	1	09/20
83D02	2005	1315	11	386792	5783126	52.18696	-118.65601	1312	6		0	3	8	0	0	310	2.0	10	2	0	3	1	5	1	1	1	1	09/20
83D02	2005	1316	11	395127	5785516	52.21009	-118.53488	1266	6		0	2	8	0	0	220	1.2	15	7	0	3	1	5	1	1	1	1	09/20
83D02	2005	1317	11	395038	5785206	52.20729	-118.53609	1310	6		0	2	8	0	0	310	4.0	15	2	0	3	3	5	1	1	3	1	09/20
83D02	2005	1318	11	397423	5785094	52.20673	-118.50116	1025	6		0	3	8	0	0	220	2.5	15	2	0	1	1	5	1	1	1	1	09/20
83D07	2005	1319	11	372925	5808969	52.41616	-118.86850	1345	6		0	4	6	0	0	130	4.0	70	5	0	1	1	5	1	1	3	3	09/21
83D07	2005	1320	11	373022	5809072	52.41711	-118.86712	1339	6		0	2	8	0	0	311	0.3	10	0	0	3	1	5	1	1	1	1	09/21
83D07	2005	1322	11	373959	5804076	52.37244	-118.85147	1319	6		0	3	8	0	8	220	4.0	30	0	0	1	1	5	1	1	2	1	09/21
83D07	2005	1323	11	373985	5803901	52.37087	-118.85102	1396	6		0	3	8	0	0	130	5.0	30	1	0	3	3	5	1	1	3	3	09/21
83D07	2005	1324	11	378133	5802694	52.36096	-118.78968	1159	6		3	2	8	0	0	130	11.0	30	1	0	3	1	5	1	1	3	3	09/21
83D07	2005	1325	11	376964	5803408	52.36711	-118.80710	1166	6		0	2	8	0	8	310	0.6	15	2	0	1	1	5	1	1	1	1	09/21
83D07	2005	1326	11	378878	5802705	52.36123	-118.77875	1138	6	10	0	3	8	0	0	220	5.0	30	1	0	1	1	5	1	1	2	1	09/21
83D07	2005	1327	11	378878	5802705	52.36123	-118.77875	1138	6	20	0	3	8	0	0	220	5.0	30	1	0	1	1	5	1	1	2	1	09/21
83D07	2005	1328	11	387069	5803246	52.36784	-118.65870	771	6		0	3	8	0	8	220	2.5	40	7	0	3	1	5	1	1	2	1	09/21
83D07	2005	1329	11	389722	5799203	52.33204	-118.61842	959	6		0	3	8	0	1	220	3.7	35	2	0	1	1	5	1	1	2	1	09/21
83D07	2005	1330	11	383953	5792775	52.27309	-118.70083	1219	6		0	2	8	0	0	310	3.5	35	2	0	1	1	5	1	1	2	1	09/21
83D07	2005	1331	11	383529	5793346	52.27813	-118.70725	1257	6		0	3	8	1	0	220	2.3	20	7	0	2	1	5	1	1	2	1	09/21
83D07	2005	1332	11	383296	5793416	52.27871	-118.71068	1274	6		0	3	8	0	0	310	8.0	60	1	0	3	1	5	1	1	3	1	09/21
83D07	2005	1333	11	382924	5790920	52.25620	-118.71526	1105	6		0	3	6	0	0	220	1.2	20	5	0	1	1	5	1	1	1	1	09/21
83D07	2005	1334	11	380391	5791602	52.26178	-118.75260	1193	6		0	4	8	0	0	310	1.2	15	2	0	1	1	5	1	1	1	1	09/21
83D02	2005	1335	11	378525	5789514	52.24261	-118.77918	1345	6		2	3	8	0	0	130	10.0	25	4	0	1	1	5	1	1	2	3	09/21
83D07	2005	1336	11	376314	5791003	52.25550	-118.81209	1372	6		0	3	6	0	0	310	2.0	20	7	0	3	1	5	1	1	1	1	09/21
83D07	2005	1338	11	376652	5790984	52.25540	-118.80713	1353	6		0	2	6	0	0	310	4.0	40	2	0	1	1	5	1	1	1	1	09/21
83D02	2005	1339	11	391026	5779495	52.15518	-118.59294	1100	6		0	3	8	0	0	310	4.0	30	2	0	1	1	5	1	1	3	1	09/21
83D02	2005	1340	11	390841	5779620	52.15628	-118.59568	1059	6		0	3	8	0	0	220	6.0	50	1	0	3	1	5	1	1	3	1	09/21
83D02	2005	1342	11	379911	5778903	52.14756	-118.75513	1170	6		0	3	8	0	0	310	8.0	25	1	0	3	1	5	1	1	2	1	09/21
83D02	2005	1343	11	379949	5779070	52.14907	-118.75463	1157	6	10	0	2	6	0	0	130	3.0	15	1	0	1	1	5	1	1	2	3	09/21
83D02	2005	1344	11	379949	5779070	52.14907	-118.75463	1157	6	20	0	2	6	0	0	130	3.0	15	1	0	1	1	5	1	1	2	3	09/21
83D02	2005	1345	11	378315	5778546	52.14400	-118.77831	1017	6		0	3	8	0	0	130	5.0	35	1	0	3	1	5	1	1	2	3	09/21
83D02	2005	1346	11	378602	5775101	52.11311	-118.77289	851	6		0	3	6	0	0	130	6.0	40	1	0	1	2	5	1	1	2	3	09/21
83D02	2005	1347	11	379033	5774678	52.10940	-118.76644	860	6		0	4	8	0	0	130	2.7	20	1	1	1	1	5	1	0	2	3	09/21
83D02	2005	1349	11	382338	5774295	52.10667	-118.71808	763	6		0	3	8	0	0	130	3.0	25	2	0	1	1	5	1	1	1	3	09/21
83D02	2005	1350	11	383074	5774204	52.10601	-118.70730	762	6		0	2	8	3	0	130	2.0	10	7	0	2	3	5	1	1	2	3	09/21
83D02	2005	1351	11	384049	5774430	52.10824	-118.69314	738	6		0	3	8	0	0	310	3.0	30	2	0	1	1	5	1	1	1	1	09/21
83D02	2005	1352	11	385328	5773894	52.10370	-118.67431	731	6		0	3	8	0	0	220	3.0	15	1	0	3	1	5	1	1	1	1	09/21
83D02	2005	1353	11	386813	5771343	52.08108	-118.65178	695	6		0	3	8	0	0	310	2.8	18	2	0	1	1	5	1	1	1	1	09/21
83D02	2005	1354	11	387201	5771543	52.08295	-118.64619	710	6		0	2	8	0	0	220	2.0	10	7	0	3	1	5	1	1	1	1	09/21
83D02	2005	1355	11	387487	5763759	52.01305	-118.63946	909	6		0	3	8	0	8	310	1.8	20	2	0	1	1	5	1	1	1	1	09/21
83D02	2005	1356	11	376337	5764852	52.02050	-118.80223	1229	6		0	3	8	0	0	310	8.0	62	2	0	1	1	5	1	1	3	1	09/21

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
83D02	2005	1357	11	376565	5765133	52.02308	-118.79902	1222	6		0	3	8	0	0	310	1.3	18	7	0	3	1	5	1	1	1	1	09/21
83D02	2005	1358	11	379310	5764559	52.01853	-118.75882	1088	6		0	3	8	0	0	220	4.0	25	2	0	1	1	5	1	1	1	1	09/21
83D02	2005	1359	11	369981	5763137	52.00364	-118.89416	1443	6		0	3	8	0	0	310	2.0	15	2	0	1	1	5	1	1	1	1	09/21
83D02	2005	1360	11	369525	5763818	52.00966	-118.90106	1386	6		0	3	8	0	0	310	1.3	8	7	0	3	1	5	1	1	1	1	09/21
83D11	2005	1362	11	351621	5825695	52.56106	-119.18897	1141	6		0	3	8	0	0	310	12.0	52	1	0	3	1	5	1	1	3	1	09/22
83D11	2005	1363	11	353307	5824199	52.54808	-119.16345	1067	6	10	0	2	8	0	1	220	1.4	20	1	0	1	1	5	1	1	1	1	09/22
83D11	2005	1364	11	353307	5824199	52.54808	-119.16345	1067	6	20	0	2	8	0	1	220	1.4	20	1	0	1	1	5	1	1	1	1	09/22
83D11	2005	1366	11	351622	5825334	52.55782	-119.18879	1153	6		0	4	8	0	0	310	8.0	65	5	0	1	1	5	1	1	3	1	09/22
83D11	2005	1367	11	351105	5824360	52.54892	-119.19599	1293	6		0	2	8	0	1	310	1.2	15	2	0	1	1	5	1	1	1	1	09/22
83D11	2005	1368	11	351192	5826634	52.56938	-119.19572	1225	6		0	3	8	0	1	310	3.0	20	2	0	1	1	5	1	1	1	1	09/22
83D11	2005	1369	11	349436	5822341	52.53033	-119.21966	1628	6		0	2	8	0	0	220	1.3	20	7	0	3	1	5	1	1	2	1	09/22
83D11	2005	1370	11	349591	5828145	52.58251	-119.22001	1335	6		0	3	8	0	8	221	2.1	15	7	0	3	1	5	1	1	2	1	09/22
83D11	2005	1371	11	350503	5827698	52.57875	-119.20637	1353	6		0	3	8	0	1	310	2.0	15	2	0	1	1	5	1	2	1	1	09/22
83D11	2005	1372	11	346242	5827252	52.57355	-119.26898	1461	6		0	3	8	0	1	220	4.0	25	2	0	1	1	5	1	1	3	1	09/22
83D11	2005	1373	11	345344	5827812	52.57833	-119.28248	1449	6		0	3	8	0	0	310	3.3	30	2	0	3	1	5	1	1	3	1	09/22
83D11	2005	1374	11	345569	5827307	52.57386	-119.27894	1488	6		0	3	6	0	0	130	3.0	25	5	0	3	1	5	1	1	2	1	09/22
83D06	2005	1375	11	362465	5816769	52.48371	-119.02542	1322	6		0	1	8	0	1	310	0.2	5	2	0	1	1	5	1	2	1	1	09/22
83D06	2005	1376	11	363394	5816573	52.48218	-119.01167	1334	6		0	3	6	0	0	220	1.0	8	1	0	3	1	5	1	1	1	1	09/22
83D07	2005	1377	11	364794	5816423	52.48118	-118.99101	1341	6		0	2	8	0	0	310	0.4	10	2	0	1	1	5	1	1	1	1	09/22
83D07	2005	1378	11	364813	5816262	52.47975	-118.99065	1336	6		0	2	6	0	0	130	4.0	65	2	0	2	3	5	1	1	2	1	09/22
83D06	2005	1379	11	362225	5813066	52.45038	-119.02742	1373	6		0	3	6	0	0	310	1.0	15	2	0	1	1	5	1	1	1	1	09/22
83D06	2005	1380	11	362299	5812865	52.44860	-119.02625	1370	6		0	3	6	0	0	310	5.0	40	2	0	1	1	5	1	1	3	1	09/22
83D06	2005	1382	11	361041	5810185	52.42420	-119.04363	1151	6		0	3	8	0	0	310	1.0	15	2	0	1	1	5	1	1	1	1	09/22
83D06	2005	1383	11	360671	5810656	52.42834	-119.04926	1084	6		0	2	8	0	0	310	0.3	10	1	0	1	1	5	1	1	1	1	09/22
83D06	2005	1384	11	360282	5810509	52.42692	-119.05492	1059	6		0	2	8	0	0	220	0.4	10	2	0	3	1	5	1	1	1	1	09/22
83D06	2005	1385	11	357177	5805381	52.38004	-119.09837	1175	6	10	0	3	8	0	1	310	0.9	20	2	0	1	1	5	1	1	1	1	09/22
83D06	2005	1386	11	357177	5805381	52.38004	-119.09837	1175	6	20	0	3	8	0	1	310	0.9	20	2	0	1	1	5	1	1	1	1	09/22
83D06	2005	1387	11	360470	5804555	52.37347	-119.04968	1325	6		0	3	8	0	8	130	4.0	30	1	0	3	3	5	1	1	3	3	09/22
83D06	2005	1388	11	359557	5804784	52.37530	-119.06318	1267	6		0	3	8	0	8	220	0.4	20	7	0	3	1	5	1	1	1	1	09/22
83D06	2005	1389	11	356234	5802226	52.35145	-119.11086	1153	6		0	2	8	0	1	310	2.2	15	2	0	3	1	5	1	1	1	1	09/22
83D06	2005	1390	11	357273	5802031	52.34997	-119.09553	1198	6		0	3	8	0	0	130	0.8	10	4	0	3	1	5	1	1	2	3	09/22
83D06	2005	1391	11	346958	5802751	52.35366	-119.24719	1353	6		0	2	8	0	1	310	1.4	15	2	0	3	1	5	1	1	1	1	09/22
83D06	2005	1392	11	347401	5802252	52.34930	-119.24046	1273	6		0	2	8	0	1	220	2.5	60	2	0	2	1	5	1	1	3	1	09/22
83D06	2005	1393	11	342358	5799864	52.32642	-119.31331	1364	6		0	2	6	1	0	310	3.0	15	0	0	3	1	5	1	1	1	1	09/22
83D06	2005	1395	11	342412	5800093	52.32849	-119.31263	1331	6		0	3	8	0	0	220	6.0	20	2	0	3	1	5	1	1	2	1	09/22
83D06	2005	1396	11	335946	5803940	52.36115	-119.40932	1336	6		0	2	8	0	0	220	2.2	35	2	0	3	1	5	1	1	3	1	09/22
83D06	2005	1397	11	335855	5804199	52.36345	-119.41078	1313	6		0	4	8	0	0	220	4.0	60	2	0	3	3	5	1	1	3	1	09/22
83D06	2005	1398	11	338697	5805147	52.37282	-119.36953	1200	6		0	3	8	0	0	220	0.4	10	7	0	3	1	5	1	1	2	1	09/22
83D03	2005	1399	11	331803	5777335	52.12093	-119.45686	1296	6		0	2	6	0	0	310	1.0	10	0	0	1	1	5	1	1	2	1	09/22
83D03	2005	1400	11	330866	5777971	52.12635	-119.47085	1347	6		0	3	8	0	8	310	0.8	10	7	0	3	1	5	1	1	1	1	09/22

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
83D03	2005	1402	11	330698	5777745	52.12427	-119.47318	1386	6		0	3	8	0	0	310	3.0	15	5	1	1	1	5	1	1	2	1	09/22
83D03	2005	1403	11	334065	5782482	52.16784	-119.42636	1018	6		0	2	8	0	1	310	1.5	15	0	0	1	1	5	1	1	1	1	09/22
83D03	2005	1404	11	334091	5782803	52.17074	-119.42613	1014	6		0	2	8	0	0	310	0.6	10	7	0	2	1	5	1	1	3	1	09/22
83D03	2005	1405	11	334169	5784329	52.18447	-119.42574	1031	6		0	3	8	0	0	310	1.2	20	2	0	1	1	5	1	1	1	1	09/22
83D03	2005	1406	11	334463	5784380	52.18501	-119.42148	1082	6		0	4	8	0	8	130	7.0	25	2	0	1	1	5	1	1	2	3	09/22
83D03	2005	1407	11	333569	5786829	52.20674	-119.43574	1107	6		0	2	8	0	8	130	1.5	20	0	0	1	1	5	1	1	3	3	09/22
83D03	2005	1408	11	333354	5787841	52.21577	-119.43939	1184	6		0	3	8	0	0	131	8.0	50	2	0	3	2	5	1	1	2	3	09/22
83D03	2005	1410	11	331867	5788941	52.22519	-119.46168	1211	6		0	2	8	0	0	310	0.5	10	2	0	3	1	5	1	1	1	1	09/22
83D03	2005	1411	11	331629	5789023	52.22586	-119.46519	1202	6		0	3	8	0	0	220	8.0	30	2	0	3	3	5	1	1	3	1	09/22
83D11	2005	1412	11	348615	5839138	52.68100	-119.23944	934	6	10	0	2	8	0	8	311	3.5	20	7	0	3	3	5	1	1	2	1	09/23
83D11	2005	1413	11	348615	5839138	52.68100	-119.23944	934	6	20	0	2	8	0	8	311	3.5	20	7	0	3	3	5	1	1	2	1	09/23
83D11	2005	1414	11	352582	5834846	52.64353	-119.17888	902	6		0	2	8	0	8	310	6.0	30	2	0	1	1	5	1	1	3	1	09/23
83D11	2005	1415	11	354228	5832422	52.62220	-119.15350	910	6		0	2	8	0	8	310	0.8	10	7	0	1	1	5	1	1	1	1	09/23
83D11	2005	1416	11	355523	5831307	52.61253	-119.13391	887	6		0	2	8	0	8	310	2.7	30	2	0	1	1	5	1	1	3	1	09/23
83D11	2005	1417	11	356427	5830410	52.60471	-119.12018	868	6		0	3	8	0	8	310	1.2	15	2	0	3	1	5	1	1	1	1	09/23
83D11	2005	1418	11	356546	5824648	52.55297	-119.11592	859	6		0	2	8	0	8	310	1.8	15	7	0	3	1	5	1	1	3	1	09/23
83D11	2005	1419	11	357202	5822316	52.53220	-119.10524	894	6		0	2	8	0	1	220	0.4	8	7	0	2	1	5	1	1	1	1	09/23
83D06	2005	1420	11	354224	5810312	52.42356	-119.14387	904	6		0	2	8	0	1	311			0	0	3	1	5	1	1	1	1	09/23
83D06	2005	1422	11	352668	5806948	52.39293	-119.16525	751	6		0	4	8	0	1	220	8.0	80	5	0	1	1	5	1	1	3	1	09/23
83D03	2005	1423	11	352926	5785186	52.19749	-119.15196	1047	6		0	2	8	0	0	220	2.5	15	2	0	3	1	5	1	1	1	1	09/23
83D03	2005	1424	11	354367	5784698	52.19349	-119.13068	1119	6		0	4	8	0	1	220	7.0	30	2	0	1	1	5	1	1	2	1	09/23
83D03	2005	1425	11	339028	5766089	52.02205	-119.34612	755	6		0	3	8	0	2	310	3.0	25	2	0	3	1	5	1	1	2	1	10/23
83D06	2005	1426	11	353075	5809087	52.41226	-119.16021	744	6		0	3	8	0	8	220	1.0	15	2	0	3	1	5	1	1	1	1	10/23
83D14	2005	1427	11	343759	5863959	52.90256	-119.32307	895	6		0	3	6	0	2	220	1.0	20	2	0	3	1	5	1	1	3	1	10/23
83D03	2005	1428	11	357671	5777566	52.13027	-119.07940	762	6		0	2	8	0	1	130	3.0	40	1	0	3	3	5	1	1	3	3	09/25
83D03	2005	1430	11	358394	5777310	52.12815	-119.06873	864	6		0	3	8	0	0	130	1.0	15	1	0	1	1	5	1	1	2	3	09/25
83D03	2005	1431	11	361200	5777454	52.13015	-119.02783	1092	6		0	3	8	0	0	130	2.0	20	1	0	1	1	5	1	1	2	3	09/25
83D03	2005	1432	11	359638	5778043	52.13505	-119.05088	899	6	10	0	2	8	0	0	130	1.0	15	2	0	1	1	5	1	1	1	3	09/25
83D03	2005	1433	11	359638	5778043	52.13505	-119.05088	899	6	20	0	2	8	0	0	130	1.0	15	2	0	1	1	5	1	1	1	3	09/25
83D03	2005	1434	11	362460	5777905	52.13452	-119.00962	1084	6		0	2	8	0	0	130	0.8	10	1	0	1	1	5	1	1	2	3	09/25
83D02	2005	1435	11	364853	5776310	52.12078	-118.97404	1181	6		0	3	8	0	0	130	1.1	8	1	0	1	1	5	1	1	2	3	09/25
83D02	2005	1436	11	365229	5776552	52.12305	-118.96865	1167	6		0	3	8	0	0	130	2.0	15	4	0	1	1	5	1	1	2	3	09/25
83D02	2005	1437	11	367098	5780115	52.15552	-118.94275	1230	6		0	3	8	0	0	130	2.5	30	2	0	1	1	5	1	1	1	3	09/25
83D02	2005	1438	11	369672	5782318	52.17592	-118.90599	1400	6		2	3	8	0	0	130	1.2	20	2	0	3	1	5	1	1	1	3	09/25
83D02	2005	1439	11	370083	5782050	52.17361	-118.89988	1484	6		0	2	8	0	0	130	1.3	15	2	0	1	1	5	1	1	1	3	09/25
83D02	2005	1440	11	371548	5784473	52.19573	-118.87940	1506	6		0	3	8	0	0	130	7.0	25	1	0	1	1	5	1	1	2	3	09/25
83D02	2005	1442	11	371514	5784824	52.19888	-118.88003	1503	6		0	3	8	0	0	130	10.0	25	1	0	3	3	5	1	1	3	3	09/25
83D03	2005	1444	11	360966	5783488	52.18431	-119.03372	1472	6	10	0	2	8	0	0	130	10.0	20	1	0	3	3	5	1	1	3	3	09/25
83D03	2005	1445	11	360966	5783488	52.18431	-119.03372	1472	6	20	0	2	8	0	0	130	10.0	20	1	0	3	3	5	1	1	3	3	09/25
83D03	2005	1446	11	360754	5783726	52.18639	-119.03690	1457	6		0	2	8	0	0	310	1.8	10	2	0	3	1	5	1	1	1	1	09/25

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
83D03	2005	1447	11	358720	5785183	52.19897	-119.06724	1339	6		0	3	8	0	0	310	1.5	15	2	0	1	1	5	1	1	1	1	09/25
83D03	2005	1448	11	347625	5784629	52.19104	-119.22922	760	6		0	2	8	0	1	220	2.3	10	2	0	3	1	5	1	1	1	1	09/25
83D03	2005	1449	11	349473	5785834	52.20237	-119.20273	890	6		0	3	8	0	8	310	2.0	20	2	0	1	1	5	1	1	1	1	09/25
83D03	2005	1450	11	353517	5790998	52.24986	-119.14584	860	6		0	3	8	0	1	310	3.0	30	2	0	1	1	5	1	1	3	1	09/25
83D06	2005	1451	11	343091	5791450	52.25105	-119.29865	931	6		0	3	6	0	0	310	4.0	50	5	0	1	1	5	1	1	1	1	09/25
83D06	2005	1452	11	339368	5793135	52.26510	-119.35395	1038	6		0	4	8	0	0	310	4.0	40	1	0	1	1	5	1	1	1	1	09/25
83D03	2005	1453	11	330732	5771763	52.07055	-119.46971	1003	6		0	2	8	0	1	310	0.7	10	7	0	3	1	5	1	1	1	1	09/25
83D06	2005	1454	11	333910	5796010	52.28931	-119.43527	1193	6		0	2	8	0	0	130	2.2	20	1	0	1	1	5	1	1	2	3	09/25
83D06	2005	1455	11	333330	5796776	52.29602	-119.44414	1232	6		0	4	8	0	0	130	5.0	60	5	0	1	1	5	1	1	3	3	09/25
83D06	2005	1456	11	336570	5794601	52.27745	-119.39562	1091	6		0	2	6	0	0	220	2.5	50	5	0	1	1	5	1	1	2	1	09/25
83D06	2005	1457	11	334595	5795328	52.28339	-119.42490	1170	6		0	4	8	0	0	130	10.0	30	1	0	1	1	5	1	1	2	3	09/25
83D06	2005	1458	11	333606	5796867	52.29692	-119.44015	1234	6		0	2	8	0	0	220	6.0	40	2	0	1	1	5	1	1	3	1	09/25
83D11	2005	1459	11	357503	5819860	52.51021	-119.09976	853	6		0	3	8	0	1	130	1.0	15	2	0	1	1	5	1	1	1	3	09/25
83D06	2005	1460	11	357940	5817850	52.49226	-119.09246	965	6		0	3	8	0	8	130	3.0	10	2	0	4	1	5	1	1	1	3	09/25
83D06	2005	1462	11	358277	5817082	52.48546	-119.08718	991	6	10	0	3	6	0	1	220	3.0	40	2	0	1	1	5	1	1	3	1	09/25
83D06	2005	1463	11	358277	5817082	52.48546	-119.08718	991	6	20	0	3	6	0	1	220	3.0	40	2	0	1	1	5	1	1	3	1	09/25
83D06	2005	1464	11	358437	5817332	52.48774	-119.08493	1015	6		0	2	6	0	1	220	4.0	35	2	0	2	1	5	1	1	3	1	09/25
83D06	2005	1465	11	352507	5802774	52.35538	-119.16578	789	6		0	2	8	0	8	220	6.0	50	2	0	1	1	5	1	1	2	1	09/25
83D06	2005	1466	11	351985	5798548	52.31728	-119.17158	752	6		0	4	8	0	0	220	5.0	60	5	0	1	1	5	1	1	3	1	09/25
83D06	2005	1467	11	352052	5795281	52.28794	-119.16916	784	6		0	2	8	0	8	220	0.8	10	2	0	1	1	5	1	1	1	1	09/25
83D06	2005	1468	11	355343	5796814	52.30260	-119.12161	1378	6		0	2	8	0	0	130	2.2	15	2	0	3	1	5	1	1	1	3	09/25
83D06	2005	1469	11	356406	5795990	52.29547	-119.10568	1506	6		0	3	8	0	0	311	1.5	30	2	0	1	1	5	1	1	1	1	09/25
83D06	2005	1470	11	356491	5795742	52.29326	-119.10432	1485	6		0	2	8	0	0	220	4.0	30	2	0	3	3	5	1	1	2	1	09/25
83D06	2005	1471	11	359868	5792882	52.26844	-119.05365	1012	6		0	2	8	0	0	130	2.2	20	2	0	1	1	5	1	1	2	3	09/25
83D03	2005	1472	11	358298	5763080	52.00027	-119.06423	1094	6		0	3	8	0	8	130	8.0	50	2	0	1	1	5	1	1	2	3	09/26
83D03	2005	1473	11	356996	5766187	52.02785	-119.08447	885	6		0	4	8	0	8	220	1.0	10	2	0	1	1	5	1	1	1	1	09/26
83D02	2005	1474	11	364067	5769450	52.05895	-118.98277	1009	6		2	3	8	0	1	130	12.0	25	2	1	1	2	5	1	1	2	3	09/27
83D07	2005	1476	11	367375	5794025	52.28057	-118.94416	1359	6		0	3	8	0	0	130	3.0	30	2	0	1	1	5	1	1	1	3	09/28
83D07	2005	1477	11	372629	5795687	52.29675	-118.86781	1515	6		0	2	8	0	0	130	2.5	25	2	0	3	1	5	1	1	1	3	09/28
83D07	2005	1478	11	372844	5795590	52.29593	-118.86462	1536	6		0	3	8	0	0	130	10.0	30	1	0	3	1	5	1	1	3	3	09/28
83D03	2005	1479	11	361708	5768974	52.05409	-119.01697	866	6		0	4	8	0	1	220	10.0	40	2	0	1	1	5	1	1	2	1	09/27
83D03	2005	1480	11	352847	5764324	52.01003	-119.14411	1246	6		0	3	8	0	8	311	6.0	30	2	1	1	1	5	1	1	2	1	09/27
83D07	2005	1482	11	367927	5799422	52.32920	-118.93819	1433	6		0	4	8	0	0	130	8.0	40	1	0	1	1	5	1	1	3	3	09/28
83D07	2005	1483	11	368042	5799387	52.32891	-118.93648	1466	6	10	1	3	8	0	0	130	5.0	30	2	0	1	1	5	1	1	3	3	09/28
83D07	2005	1484	11	368042	5799387	52.32891	-118.93648	1466	6	20	1	3	8	0	0	130	5.0	30	2	0	1	1	5	1	1	3	3	09/28
83D03	2005	1485	11	356150	5769014	52.05304	-119.09799	1027	6		0	3	8	0	1	310	3.0	40	2	0	1	1	5	1	1	1	1	09/28
83D03	2005	1487	11	356682	5769794	52.06017	-119.09056	1164	6		0	2	8	0	0	220	6.0	60	1	0	3	1	5	1	1	2	1	09/28
83D03	2005	1488	11	356486	5769915	52.06122	-119.09347	1127	6		0	3	8	0	0	310	1.2	20	2	0	1	1	5	1	1	1	1	09/28
83D03	2005	1489	11	360934	5768096	52.04601	-119.02789	886	6		0	2	8	0	0	310	1.2	25	1	0	1	1	5	1	1	2	1	09/28
83D02	2005	1490	11	363727	5768607	52.05129	-118.98740	1051	6		0	3	6	0	0	130	1.2	10	1	0	1	1	5	1	1	1	3	09/28

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
83D02	2005	1491	11	365625	5768407	52.04995	-118.95966	1191	6		1	3	8	0	0	130	6.0	40	2	0	1	1	5	1	1	1	3	09/28
83D02	2005	1492	11	367833	5769050	52.05627	-118.92773	1197	6		0	3	6	0	0	130	2.0	15	2	0	3	1	5	1	1	1	3	09/28
83D02	2005	1493	11	369576	5769764	52.06309	-118.90258	1344	6		0	3	8	0	0	220	3.5	30	2	0	1	1	5	1	1	1	1	09/28
83D02	2005	1494	11	370143	5769114	52.05738	-118.89407	1430	6		0	3	8	0	0	220	2.0	20	1	0	3	1	5	1	1	1	1	09/28
83D02	2005	1495	11	379370	5769632	52.06413	-118.75974	1015	6		0	2	8	0	0	310	2.0	20	2	0	3	1	5	1	1	2	1	09/28
83D02	2005	1496	11	377922	5770326	52.07004	-118.78110	1062	6		0	2	8	0	0	310	3.5	30	2	0	1	1	5	1	1	1	1	09/28
83D02	2005	1497	11	377912	5770032	52.06740	-118.78114	1052	6		2	3	8	0	0	130	7.0	40	2	0	3	1	5	1	1	3	3	09/28
83D02	2005	1498	11	379160	5769228	52.06045	-118.76267	1083	6		0	3	8	0	0	220	2.0	15	2	0	3	1	5	1	1	1	1	09/28
83D02	2005	1499	11	381610	5768391	52.05346	-118.72664	1039	6		0	2	8	0	0	310	1.5	15	2	0	3	1	5	1	1	1	1	09/28
83D02	2005	1500	11	382076	5767682	52.04719	-118.71962	1078	6		0	3	8	0	8	220	2.0	15	2	0	3	1	5	1	1	1	1	09/28
83D01	2005	1502	11	412933	5766665	52.04375	-118.26952	764	6		0	2	8	0	1	220	2.5	10	2	0	3	1	5	1	1	1	1	10/02
83D01	2005	1503	11	426925	5761839	52.00239	-118.06452	1102	6		0	2	8	0	1	310	1.0	5	7	0	3	1	5	1	1	1	1	10/02
83D01	2005	1504	11	428713	5762399	52.00766	-118.03859	1538	6		0	3	8	0	0	220	12.0	30	2	0	3	3	5	1	1	3	1	10/02
83D01	2005	1505	11	428753	5762236	52.00619	-118.03797	1591	6		0	2	8	0	0	310	2.0	15	2	0	1	1	5	1	1	2	1	10/02
83D12	2005	1506	11	349805	5855515	52.82844	-119.22935	879	6	10	0	2	8	0	1	310	1.0	20	2	0	3	1	5	1	1	1	1	10/19
83D12	2005	1507	11	349805	5855515	52.82844	-119.22935	879	6	20	0	2	8	0	1	310	1.0	20	2	0	3	1	5	1	1	1	1	10/19
83D11	2005	2002	11	358689	5846010	52.74545	-119.09348	747	6		0	3	8	0	2	310	4.0	50	2	0	3	1	5	1	1	2	1	08/28
83D11	2005	2003	11	361774	5841746	52.70794	-119.04602	757	6	10	0	3	8	0	1	310	8.0	75	1	0	1	2	5	1	1	2	1	08/28
83D11	2005	2004	11	361774	5841746	52.70794	-119.04602	757	6	20	0	3	8	0	1	310	8.0	75	1	0	1	2	5	1	1	2	1	08/28
83D11	2005	2006	11	363146	5839818	52.69097	-119.02493	832	6		0	3	8	0	2	310	4.0	75	1	0	3	1	5	1	1	2	1	08/28
83D10	2005	2007	11	372594	5830539	52.60990	-118.88163	807	6		0	3	8	0	2	220	0.7	25	7	0	3	1	5	1	1	1	1	08/28
83D11	2005	2008	11	333969	5843703	52.71770	-119.45820	1072	6		0	2	8	0	1	310	1.0	20	2	0	3	1	5	1	1	1	1	08/30
83D11	2005	2009	11	337306	5844528	52.72613	-119.40925	957	6		0	3	8	0	1	130	3.5	30	1	0	1	2	5	1	1	3	3	08/30
83D07	2005	2010	11	390564	5808900	52.41936	-118.60923	862	6		0	3	8	0	1	310	2.5	25	7	0	3	1	5	1	1	2	1	08/29
83D07	2005	2011	11	389645	5810410	52.43274	-118.62324	830	6		3	3	2	0	1	310	3.0	30	5	0	3	1	5	1	1	1	1	08/29
83D07	2005	2012	11	388477	5811881	52.44572	-118.64090	842	1		0	0	8	0	2	310	0.6		2	0	3	1	5	1	2	1	1	08/29
83D07	2005	2013	11	397688	5807559	52.40868	-118.50411	982	6		0	1	6	0	1	220	1.0	10	2	0	2	2	5	1	2	1	1	08/29
83D08	2005	2014	11	399082	5808061	52.41346	-118.48378	1054	6		0	2	8	0	0	220	0.5	15	2	0	2	2	5	1	1	2	1	08/29
83D08	2005	2015	11	400165	5807610	52.40960	-118.46773	1069	6		1	4	6	0	0	310	6.0	100	2	0	1	1	5	1	1	3	1	08/29
83D07	2005	2016	11	393503	5805341	52.38795	-118.56490	949	6		1	3	8	0	2	130	2.5	25	2	0	1	2	5	1	1	2	3	08/29
83D07	2005	2017	11	394696	5805489	52.38951	-118.54742	980	6		1	3	8	0	1	220	0.5	15	2	0	3	1	5	1	2	1	1	08/29
83D07	2005	2018	11	397259	5806730	52.40116	-118.51016	1057	6		1	3	8	0	1	130	1.2	10	7	0	3	1	5	1	1	1	3	08/29
83D08	2005	2019	11	402450	5808586	52.41878	-118.43442	1044	6		0	3	8	0	1	130	4.0	75	2	0	1	1	5	1	1	2	1	08/29
83D08	2005	2020	11	402561	5810648	52.43733	-118.43339	1212	6		0	3	6	0	1	310	4.5	100	2	0	1	1	5	1	1	2	1	08/29
83D08	2005	2022	11	402352	5808364	52.41677	-118.43580	1058	6		0	4	8	0	1	131	7.0	150	1	0	1	3	4	1	1	3	3	08/29
83D07	2005	2023	11	386535	5811966	52.44609	-118.66950	739	1		0	0	8	0	1	310	0.5		2	0	3	2	5	1	2	1	1	08/29
83D07	2005	2024	11	382907	5812631	52.45129	-118.72309	752	6		0	1	8	0	1	130	0.8	10	2	0	3	1	5	1	2	1	1	08/29
83D07	2005	2025	11	380476	5816421	52.48483	-118.76020	790	6		0	3	8	0	1	311	0.5	10	2	0	1	1	5	1	1	1	1	08/29
83D10	2005	2026	11	378660	5819822	52.51499	-118.78817	768	6		0	3	8	0	1	310	1.0	20	2	0	3	1	5	1	1	1	1	08/29
83D10	2005	2027	11	376462	5822791	52.54117	-118.82165	819	6		0	3	8	0	8	310	0.3	10	2	0	1	1	5	1	1	1	1	09/15

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
83D11	2005	2028	11	338018	5845002	52.73060	-119.39894	952	6		0	3	8	0	1	220	1.5	15	7	0	3	1	5	1	1	1	1	08/30
83D11	2005	2029	11	340266	5845826	52.73867	-119.36608	998	6	10	0	3	8	0	1	130	1.7	15	2	0	3	1	5	1	1	2	3	08/30
83D11	2005	2030	11	340266	5845826	52.73867	-119.36608	998	6	20	0	3	8	0	1	130	1.7	15	2	0	3	1	5	1	1	2	3	08/30
83D14	2005	2031	11	332752	5859085	52.85548	-119.48406	1357	6		0	4	8	0	1	130	3.5	100	1	0	1	1	4	1	1	3	3	08/30
83D14	2005	2033	11	333043	5859557	52.85981	-119.47998	1331	6		0	2	8	0	0	130	0.8	15	2	0	3	1	5	1	1	1	3	08/30
83D14	2005	2034	11	335966	5858192	52.84845	-119.43592	1212	6		0	3	8	1	0	130	3.5	75	2	0	1	1	5	1	1	3	3	08/30
83D14	2005	2035	11	337099	5857808	52.84535	-119.41891	1179	6		0	3	8	4	1	130	1.5	25	2	0	1	1	5	1	1	1	3	08/30
83D14	2005	2036	11	339411	5856545	52.83470	-119.38400	1278	6		0	2	8	0	1	130	2.5	25	1	0	3	1	4	1	1	2	3	08/30
83D14	2005	2037	11	340836	5853856	52.81096	-119.36156	1196	6		0	3	8	0	1	130	3.5	75	2	0	1	1	5	1	1	2	3	08/30
83D07	2005	2038	11	384043	5804377	52.37737	-118.70352	847	6		0	3	8	0	2	130	6.0	100	1	4	1	1	5	1	1	3	3	08/31
83D07	2005	2039	11	381302	5810324	52.43022	-118.74587	756	6		0	3	6	0	1	131	7.0	50	2	0	1	1	5	1	1	3	3	08/31
83D07	2005	2040	11	379207	5814483	52.46714	-118.77818	776	6		0	2	8	0	1	130	3.0	25	1	0	1	1	5	1	1	2	3	08/31
83D07	2005	2042	11	377707	5817002	52.48943	-118.80117	756	6	10	0	2	8	0	1	130	2.5	15	1	0	1	1	5	1	1	1	3	08/31
83D07	2005	2043	11	377707	5817002	52.48943	-118.80117	756	6	20	0	2	8	0	1	130	2.5	15	2	0	1	1	5	1	1	1	3	08/31
83D07	2005	2044	11	376551	5818174	52.49970	-118.81862	793	6		0	2	8	0	1	311	1.5	15	2	0	1	1	5	1	1	2	1	08/31
83D10	2005	2045	11	375478	5820083	52.51661	-118.83513	819	6		0	2	8	0	1	130	1.5	10	2	0	1	1	5	1	1	2	3	08/31
83D10	2005	2046	11	374824	5821026	52.52494	-118.84512	838	6		0	2	8	0	1	310	1.2	10	2	0	1	1	5	1	1	1	1	08/31
83D10	2005	2047	11	372165	5825444	52.56402	-118.88599	1266	6		0	2	8	0	1	310	2.5	15	7	0	3	3	4	2	1	2	1	08/31
83D12	2005	2048	11	321150	5832579	52.61372	-119.64174	1076	6		0	2	8	0	8	310	3.0	20	2	0	1	1	5	1	1	2	1	09/01
83D12	2005	2049	11	322574	5831386	52.60348	-119.62009	1106	6		0	3	6	0	2	220	4.5	30	2	0	1	1	5	1	1	3	1	09/01
83D12	2005	2050	11	325053	5828962	52.58251	-119.58225	1018	6		0	2	6	0	1	310	3.0	15	1	0	3	3	4	1	1	3	1	09/01
83D12	2005	2051	11	320416	5834843	52.63381	-119.65380	1212	6		2	3	6	0	1	130	5.0	15	1	0	1	1	5	1	1	2	3	09/01
83D12	2005	2052	11	325651	5831478	52.60530	-119.57475	1290	6		2	3	6	0	1	130	4.0	25	4	3	1	2	5	1	1	2	3	09/01
83D12	2005	2054	11	325891	5831690	52.60728	-119.57133	1369	6		0	3	6	0	1	130	3.5	20	2	0	1	1	5	1	1	1	1	09/01
83D12	2005	2055	11	326400	5831175	52.60282	-119.56355	1403	6		0	2	8	0	1	130	2.0	15	2	0	3	1	5	1	1	1	1	09/01
83D12	2005	2056	11	327760	5828481	52.57905	-119.54208	1045	6		0	2	8	0	1	310	0.8	10	7	0	1	1	5	1	1	1	1	09/01
83D12	2005	2057	11	328934	5827731	52.57269	-119.52439	1053	6		0	2	8	0	1	220	1.0	10	7	0	3	1	5	1	1	2	1	09/01
83D12	2005	2058	11	328619	5828050	52.57546	-119.52920	1025	6		0	2	8	0	1	220	3.0	30	1	0	1	2	5	1	1	2	1	09/01
83D12	2005	2059	11	330181	5825005	52.54859	-119.50460	1025	6		0	2	8	0	1	310	0.8	10	7	0	3	1	5	1	1	1	1	09/01
83D03	2005	2060	11	336006	5764649	52.00823	-119.38942	1224	6		0	2	8	0	2	310	2.0	15	2	0	3	1	5	1	1	1	1	09/02
83D03	2005	2062	11	339895	5764692	52.00975	-119.33284	757	6		0	2	8	0	1	311	5.0	20	2	0	1	1	5	1	1	3	1	09/02
83D03	2005	2063	11	339990	5766390	52.02503	-119.33224	839	6		0	2	8	0	2	310	1.0	5	2	0	3	1	5	1	2	1	1	09/02
83D03	2005	2064	11	340769	5770768	52.06459	-119.32295	755	6		0	2	8	0	2	310	2.0	15	2	0	3	1	5	1	1	1	1	09/02
83D03	2005	2065	11	343902	5772841	52.08410	-119.27822	761	6		0	2	8	0	2	310	5.0	30	2	0	1	1	5	1	1	2	1	09/02
83D03	2005	2066	11	345356	5776016	52.11303	-119.25846	724	6		1	1	6	0	2	220	2.5	20	7	0	3	3	1	0	1	1	1	09/02
83D03	2005	2067	11	349897	5775733	52.11174	-119.19207	880	6		0	2	8	0	1	310	2.0	15	1	0	3	2	5	1	1	3	1	09/02
83D03	2005	2068	11	348967	5776006	52.11394	-119.20576	750	6		0	2	8	0	1	311	2.0	10	2	0	3	2	5	1	1	3	1	09/02
83D03	2005	2069	11	348477	5776101	52.11466	-119.21295	767	6		0	2	8	0	1	311	2.5	25	2	1	3	2	5	1	1	3	1	09/02
83D03	2005	2070	11	334239	5783116	52.17359	-119.42413	1013	6		0	2	8	0	2	310	2.5	10	2	0	3	1	5	1	1	2	1	09/02
83D03	2005	2071	11	334770	5779879	52.14467	-119.41480	1000	6		0	2	6	0	2	310	0.8	10	2	0	3	1	5	1	2	1	1	09/02

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
83D03	2005	2072	11	338506	5775548	52.10687	-119.35819	753	6		0	2	6	0	1	310	0.5	20	2	0	3	1	5	1	1	1	1	09/02
83D03	2005	2073	11	340310	5776957	52.12005	-119.33253	752	6		0	2	8	0	1	311	2.0	15	2	0	3	1	5	1	1	1	1	09/02
83D03	2005	2075	11	341037	5778197	52.13140	-119.32250	759	6	10	0	2	8	0	1	310	4.0	30	2	0	3	2	5	1	1	2	1	09/02
83D03	2005	2076	11	341037	5778197	52.13140	-119.32250	759	6	20	0	2	8	0	1	310	4.0	30	2	0	3	2	5	1	1	2	1	09/02
83D03	2005	2077	11	338685	5772247	52.07727	-119.35401	1027	6		1	2	8	0	2	310	2.0	20	2	0	1	1	5	1	1	1	1	09/03
83D03	2005	2078	11	329103	5769986	52.05408	-119.49257	1211	6		0	3	8	0	1	311	1.0	5	2	0	1	1	5	1	1	1	1	09/03
83D03	2005	2079	11	332269	5771462	52.06831	-119.44717	1093	6		0	3	8	0	1	310	1.5	15	2	0	1	1	5	1	1	1	1	09/03
83D03	2005	2080	11	333507	5771735	52.07114	-119.42926	1009	6		0	3	8	0	1	310	1.2	20	2	0	1	1	5	1	1	1	1	09/03
83D03	2005	2082	11	335711	5772806	52.08141	-119.39764	841	6		0	2	8	0	2	311	1.2	20	2	0	1	1	5	1	1	1	1	09/03
83D06	2005	2083	11	334583	5795740	52.28709	-119.42528	1180	6		0	2	8	0	1	220	1.5	15	2	0	1	1	5	1	1	1	1	09/03
83D06	2005	2084	11	336740	5794905	52.28023	-119.39327	1065	6		0	3	8	0	1	310	1.2	15	1	0	3	1	5	1	1	1	1	09/03
83D06	2005	2085	11	340455	5793154	52.26559	-119.33804	940	6		0	3	8	0	1	310	2.0	15	2	0	1	1	5	1	1	1	1	09/03
83D06	2005	2086	11	342068	5792369	52.25901	-119.31406	912	6		0	2	8	0	1	310	1.5	10	2	0	1	1	5	1	0	1	1	09/03
83D06	2005	2087	11	343792	5791729	52.25375	-119.28852	856	6	10	0	2	8	0	1	310	0.8	10	0	0	3	1	5	1	1	1	1	09/03
83D06	2005	2088	11	343792	5791729	52.25375	-119.28852	856	6	20	0	2	8	0	1	311	0.8	10	0	0	3	1	5	1	1	1	1	09/03
83D07	2005	2089	11	365088	5795185	52.29044	-118.97812	1174	6		0	3	8	0	1	130	3.0	40	2	1	1	1	5	1	1	1	3	09/03
83D06	2005	2090	11	363208	5793498	52.27481	-119.00499	1087	6		0	2	8	0	1	310	0.5	5	0	1	1	1	5	1	1	1	1	09/03
83D02	2005	2091	11	365065	5788834	52.23336	-118.97593	1202	6		0	3	8	0	1	220	2.5	40	2	1	1	1	5	1	1	2	1	09/03
83D14	2005	2092	11	345444	5861117	52.87752	-119.29669	862	6		0	3	8	0	1	220	1.8	30	2	0	3	1	5	1	1	1	1	09/04
83D03	2005	2093	11	363142	5789576	52.23956	-119.00436	1114	6		0	2	8	0	1	310	2.5	25	2	1	1	1	5	1	1	1	1	09/03
83D06	2005	2094	11	360396	5791906	52.25981	-119.04552	1018	6		0	3	8	0	1	310	1.2	15	2	0	1	1	5	1	1	1	1	09/03
83D06	2005	2095	11	358654	5792711	52.26659	-119.07135	1014	6		0	3	8	0	1	311	2.2	15	2	1	1	1	5	1	1	1	1	09/03
83D06	2005	2096	11	347178	5797560	52.30708	-119.24160	1198	6		0	2	8	0	1	310	0.3	10	7	0	3	1	5	1	1	1	1	09/03
83D06	2005	2097	11	344643	5797240	52.30349	-119.27860	1080	6		0	2	8	0	1	310	0.5	10	2	1	1	1	5	1	2	1	1	09/03
83D06	2005	2099	11	345177	5797157	52.30290	-119.27074	1059	6		0	2	8	0	1	310	2.0	15	2	1	1	1	5	1	1	2	1	09/03
83D06	2005	2100	11	347756	5795770	52.29117	-119.23232	1052	6		0	3	8	0	1	310	1.5	10	2	0	3	1	5	1	0	1	0	09/03
83D01	2005	2102	11	413817	5767567	52.05200	-118.25687	759	6	10	0	2	8	0	1	220	0.8	15	7	0	4	1	5	1	1	1	1	09/18
83D01	2005	2103	11	413817	5767567	52.05200	-118.25687	759	6	20	0	2	8	0	1	220	0.8	15	7	0	4	1	5	1	1	1	1	09/18
83D01	2005	2104	11	412514	5768961	52.06432	-118.27623	952	6		0	3	8	0	1	220	0.5	10	7	0	3	1	5	1	1	1	1	09/18
83D01	2005	2105	11	410095	5770715	52.07971	-118.31196	1031	6		0	3	8	0	1	310	0.4	10	2	0	1	1	5	1	1	1	1	09/18
83D08	2005	2106	11	419590	5790228	52.25656	-118.17807	805	6		0	3	8	0	1	130	3.0	40	2	0	1	1	5	1	1	2	3	09/18
83D01	2005	2108	11	418943	5789061	52.24598	-118.18726	764	6		0	3	8	0	1	220	2.0	25	2	0	1	1	5	1	1	2	1	09/18
83D01	2005	2109	11	419295	5785248	52.21175	-118.18119	755	6		0	2	8	0	1	220	1.0	20	2	0	1	1	5	1	1	2	1	09/18
83D01	2005	2110	11	420164	5784931	52.20903	-118.16841	835	6		0	2	8	0	8	310	0.5	10	2	0	3	1	5	1	1	1	1	09/18
83D01	2005	2111	11	420577	5782773	52.18970	-118.16186	743	6		0	3	8	0	8	310	5.0	20	1	0	1	1	5	1	1	3	1	09/18
83D01	2005	2112	11	420360	5780564	52.16981	-118.16450	759	6		0	2	8	0	8	310	2.5	10	2	0	1	1	5	1	1	2	1	09/18
83D01	2005	2113	11	419635	5779036	52.15596	-118.17474	789	6		0	3	8	0	1	220	2.7	20	2	0	1	1	5	1	1	2	1	09/18
83D01	2005	2114	11	417618	5777492	52.14179	-118.20385	748	6		0	3	8	0	1	220	3.0	25	2	0	1	1	5	1	1	1	1	09/18
83D01	2005	2115	11	416273	5776876	52.13605	-118.22334	757	6		0	3	8	0	1	220	5.0	25	2	0	1	1	5	1	1	3	1	09/18
83D01	2005	2116	11	412895	5776627	52.13329	-118.27262	757	6		0	3	8	0	1	220	2.0	20	2	0	1	1	5	1	1	1	1	09/18

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
83D01	2005	2117	11	409953	5776189	52.12888	-118.31548	899	6		0	3	8	0	8	310	2.0	20	2	0	1	1	5	1	1	1	1	09/18
83D02	2005	2118	11	392208	5779953	52.15953	-118.57581	1014	6		0	2	8	0	8	220	2.5	15	2	0	3	1	5	1	1	1	2	09/19
83D02	2005	2119	11	395176	5779309	52.15432	-118.53225	917	6		0	3	8	0	8	220	2.2	20	2	0	1	1	5	1	1	2	1	09/19
83D02	2005	2120	11	392664	5779264	52.15343	-118.56893	1061	6		0	3	8	0	8	310	3.0	35	2	0	1	1	5	1	1	1	1	09/19
83D02	2005	2122	11	396180	5775482	52.12011	-118.51641	739	6	10	0	3	8	0	1	310	2.5	20	2	0	1	1	5	1	1	2	1	09/19
83D02	2005	2123	11	396180	5775482	52.12011	-118.51641	739	6	20	0	3	8	0	1	310	2.5	20	2	0	1	1	5	1	1	2	1	09/19
83D02	2005	2124	11	392871	5773032	52.09746	-118.56395	801	6		0	3	8	0	1	310	1.7	20	0	0	1	1	5	1	1	2	1	09/19
83D02	2005	2126	11	388461	5769558	52.06536	-118.62716	681	6		0	3	8	0	1	310	1.5	30	2	0	1	1	5	1	1	1	1	09/19
83D02	2005	2127	11	385339	5763815	52.01312	-118.67076	895	6		0	3	8	0	0	310	3.5	30	2	0	1	1	5	1	1	2	1	09/19
83D02	2005	2128	11	384491	5764877	52.02248	-118.68347	903	6		0	2	8	0	8	220	2.3	10	2	0	1	1	5	1	1	1	1	09/19
83D02	2005	2129	11	392468	5764547	52.02112	-118.56715	692	6		0	3	8	0	2	310	1.5	20	2	0	1	1	5	1	1	1	1	09/19
83D02	2005	2130	11	396059	5763682	52.01403	-118.51457	1154	6		0	3	8	0	1	310	1.2	5	2	1	1	1	5	1	1	1	1	09/20
83D02	2005	2131	11	393832	5763979	52.01628	-118.54711	822	6		0	4	8	0	1	310	5.0	18	2	1	1	1	5	1	1	1	1	09/20
83D01	2005	2132	11	408256	5767474	52.05027	-118.33791	856	6		2	4	8	0	8	310	15.0	120	2	1	1	1	5	1	1	2	0	09/20
83D01	2005	2133	11	407227	5770560	52.07783	-118.35375	809	6		0	4	8	0	1	130	9.0	80	2	0	1	1	5	1	1	1	3	09/20
83D01	2005	2134	11	404391	5770570	52.07744	-118.39514	833	6		0	4	8	0	8	220	5.0	25	2	0	1	1	5	1	1	1	1	09/20
83D01	2005	2135	11	403102	5770824	52.07950	-118.41401	808	6		0	3	8	0	8	220	1.5	12	2	0	1	1	5	1	1	1	1	09/20
83D02	2005	2136	11	395806	5772167	52.09024	-118.52085	769	6		0	2	8	0	1	310	10.0	20	2	1	1	1	5	1	1	2	1	09/20
83D02	2005	2137	11	393156	5769512	52.06588	-118.55868	693	6		0	4	8	0	1	220	4.0	18	2	1	1	1	5	1	1	1	1	09/20
83D03	2005	2138	11	355129	5775708	52.11291	-119.11571	788	6		0	3	8	0	8	310	2.5	30	2	0	1	1	5	1	1	3	1	09/24
83D03	2005	2139	11	353809	5777630	52.12983	-119.13580	820	6		0	2	8	0	8	310	1.3	15	2	0	1	1	5	1	1	1	1	09/24
83D03	2005	2140	11	348385	5777733	52.12930	-119.21503	764	6		0	2	8	0	1	311	2.5	20	2	0	1	1	5	1	1	1	1	09/24
83D14	2005	3002	11	354432	5850917	52.78841	-119.15868	806	6		0	3	8	0	2	310	4.0	30	1	0	3	2	5	1	1	2	1	08/28
83D14	2005	3003	11	364678	5851532	52.79660	-119.00711	1361	6		0	3	8	0	1	310	2.0	30	2	0	3	2	5	1	1	2	1	08/28
83D14	2005	3004	11	364007	5851275	52.79412	-119.01694	1253	6		0	1	6	0	0	310	2.0	20	2	0	3	2	5	1	1	2	1	08/28
83D14	2005	3005	11	362136	5848764	52.77109	-119.04361	1148	6		0	2	6	0	0	311	1.0	10	2	0	2	2	5	1	1	2	1	08/28
83D14	2005	3006	11	344588	5862613	52.89072	-119.31010	866	6		0	3	8	0	1	220	1.8	30	2	0	3	1	5	1	1	2	1	09/04
83D14	2005	3007	11	357446	5847624	52.75963	-119.11259	761	6	10	0	2	6	0	1	310	0.3	15	2	0	2	2	3	1	1	3	1	08/28
83D14	2005	3008	11	357446	5847624	52.75963	-119.11259	761	6	20	0	2	6	0	1	311	0.3	15	2	0	2	2	3	1	1	3	1	08/28
83D10	2005	3010	11	382991	5826780	52.57846	-118.72682	1027	6		0	3	6	0	6	310	1.0	10	2	0	2	2	5	1	1	2	1	08/29
83D10	2005	3011	11	377529	5828765	52.59510	-118.80813	845	6		1	4	6	0	1	220	10.0	1000	2	0	1	2	5	1	1	3	1	08/29
83D10	2005	3012	11	377926	5828474	52.59257	-118.80216	844	6		0	2	8	0	0	310	1.0	10	2	0	2	2	5	1	1	2	1	08/29
83D10	2005	3013	11	376883	5827885	52.58704	-118.81733	845	6		1	4	6	0	1	310	12.0	1000	2	0	1	1	5	1	1	3	1	08/29
83D11	2005	3014	11	354988	5845149	52.73674	-119.14789	947	6		0	2	6	0	1	310	2.0	15	2	0	3	2	5	1	1	2	1	08/30
83D11	2005	3015	11	356613	5844348	52.72997	-119.12349	885	6		0	3	8	0	1	220	2.0	25	2	0	2	2	5	1	1	2	1	08/30
83D11	2005	3016	11	357179	5843842	52.72558	-119.11489	879	6		1	3	8	0	1	130	3.0	1000	2	0	3	2	5	1	1	3	1	08/30
83D11	2005	3017	11	361095	5838453	52.67818	-119.05467	805	6		0	3	6	0	1	310	3.0	1000	2	0	3	2	5	1	1	2	1	08/30
83D11	2005	3018	11	362352	5837028	52.66570	-119.03550	805	6		1	3	6	0	1	310	4.0	1000	2	0	3	2	5	1	1	3	1	08/30
83D11	2005	3019	11	364204	5834503	52.64348	-119.00709	770	6		0	1	8	0	1	220	0.5	10	2	0	2	2	5	1	1	2	1	08/30
83D10	2005	3020	11	364952	5833741	52.63682	-118.99573	762	6		0	3	8	0	1	220	6.0	1000	2	0	3	1	5	1	1	3	1	08/30

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
83D10	2005	3022	11	367478	5830750	52.61057	-118.95723	774	6		0	3	6	0	1	310	3.0	40	1	0	3	1	5	1	1	3	1	08/30
83D10	2005	3023	11	368491	5829890	52.60309	-118.94193	963	6	10	1	3	8	0	1	310	3.0	30	2	0	3	1	5	1	1	3	1	08/30
83D10	2005	3024	11	368491	5829890	52.60309	-118.94193	963	6	20	1	3	8	0	1	310	3.0	30	2	0	3	1	5	1	1	3	1	08/30
83D14	2005	3025	11	352600	5846129	52.74489	-119.18368	982	6		0	2	8	0	1	220	1.0	25	2	0	2	2	3	1	1	2	1	08/31
83D11	2005	3027	11	348930	5846560	52.74776	-119.23820	895	6		0	2	8	0	1	220	1.0	25	2	0	2	2	3	1	1	2	1	08/31
83D11	2005	3028	11	346685	5842691	52.71237	-119.26962	880	6		0	2	8	0	1	310	3.0	30	2	0	3	3	3	1	1	3	1	08/31
83D11	2005	3029	11	348866	5840168	52.69031	-119.23620	892	6		0	1	8	0	8	130	0.5	10	0	0	3	4	5	1	1	2	1	08/31
83D11	2005	3030	11	350732	5838465	52.67554	-119.20785	892	6		0	2	6	0	5	220	2.0	20	2	0	2	2	3	1	1	3	1	08/31
83D11	2005	3031	11	337015	5830261	52.59790	-119.40650	1358	6		0	2	8	0	1	310	4.0	50	1	1	1	1	5	1	1	2	1	09/01
83D11	2005	3032	11	336938	5830017	52.59568	-119.40752	1354	6		0	2	8	0	1	311	3.0	20	1	0	1	1	5	1	1	2	1	09/01
83D11	2005	3033	11	337704	5828848	52.58541	-119.39564	1336	6		0	3	8	0	1	311	2.0	15	2	0	2	2	5	1	1	2	1	09/01
83D11	2005	3034	11	337778	5828375	52.58118	-119.39432	1328	6		0	3	8	0	1	310	2.0	20	1	0	1	2	5	1	1	2	1	09/01
83D11	2005	3035	11	337696	5826404	52.56346	-119.39457	1375	6		0	3	8	0	1	310	4.0	30	1	0	1	1	5	1	1	2	1	09/01
83D11	2005	3036	11	336595	5826273	52.56195	-119.41072	1330	6		0	3	8	0	1	310	4.0	100	1	0	1	1	5	1	1	2	1	09/01
83D11	2005	3037	11	338380	5821682	52.52124	-119.38219	1033	6		0	3	8	0	1	220	20.0	25	2	1	2	2	5	1	1	2	1	09/01
83D11	2005	3038	11	339389	5820382	52.50987	-119.36670	855	6		0	2	8	0	1	130	1.0	15	2	0	2	2	3	1	1	2	1	09/01
83D11	2005	3039	11	341492	5819344	52.50115	-119.33524	851	6		0	3	8	0	1	220	3.0	25	2	0	2	1	3	1	1	2	1	09/01
83D03	2005	3040	11	333019	5777196	52.12004	-119.43904	1128	6		0	3	8	0	1	310	4.2	30	1	0	3	1	5	1	1	3	1	09/02
83D03	2005	3042	11	334382	5778725	52.13419	-119.41989	949	6		0	1	8	0	1	220	0.5	10	2	0	2	2	5	1	1	2	1	09/02
83D03	2005	3044	11	334853	5778449	52.13185	-119.41289	1046	6		0	3	8	0	1	220	12.0	100	1	0	1	2	5	1	1	3	1	09/02
83D03	2005	3045	11	343054	5778574	52.13536	-119.29323	753	6		1	2	8	1	2	220	4.0	30	7	0	3	3	4	1	1	2	1	09/02
83D03	2005	3046	11	344047	5781027	52.15768	-119.27987	753	6		1	2	8	0	7	310	3.5	25	1	0	3	3	5	1	1	2	1	09/02
83D03	2005	3047	11	346580	5783911	52.18430	-119.24417	753	6		0	3	6	0	1	310	3.5	50	2	0	1	1	5	1	1	3	1	09/02
83D03	2005	3048	11	347103	5788216	52.22312	-119.23846	814	6		0	3	8	0	1	311	2.0	25	2	4	1	1	5	1	1	2	1	09/02
83D11	2005	3049	11	335198	5820584	52.51043	-119.42850	874	6		0	3	8	0	1	310	1.3	15	2	0	1	1	5	1	1	1	1	09/09
83D06	2005	3050	11	333301	5812919	52.44100	-119.45258	1169	6		0	3	8	0	1	310	2.5	30	2	0	1	1	5	1	1	2	1	09/09
83D06	2005	3051	11	336134	5816938	52.47796	-119.41292	1129	6		0	3	8	0	8	310	3.0	30	2	0	1	1	5	1	1	2	1	09/09
83D06	2005	3052	11	334235	5813947	52.45052	-119.43936	1254	6		0	3	8	0	1	310	1.5	5	2	0	1	1	5	1	1	1	1	09/09
83D06	2005	3053	11	341727	5817652	52.48602	-119.33098	848	6	10	0	2	8	0	8	220	2.5	10	1	0	1	1	5	1	1	1	1	09/16
83D06	2005	3054	11	341727	5817652	52.48602	-119.33098	848	6	20	0	2	8	0	8	220	2.5	10	1	0	1	1	5	1	1	1	1	09/09
83D06	2005	3055	11	336811	5817630	52.48438	-119.40331	1120	6		0	3	8	0	8	310	2.5	30	2	0	1	1	5	1	1	1	1	09/09
83D06	2005	3056	11	340043	5810792	52.42391	-119.35246	1492	6		0	3	8	0	8	220	2.0	30	1	0	1	1	5	1	1	1	1	09/09
83D06	2005	3057	11	340281	5810754	52.42364	-119.34895	1543	6		0	2	8	0	1	220	2.5	35	1	0	3	3	5	1	1	2	1	09/09
83D06	2005	3058	11	342423	5811892	52.43448	-119.31801	1527	6		0	3	8	0	1	310	1.2	15	2	0	1	1	5	1	1	1	1	09/09
83D06	2005	3059	11	344345	5812700	52.44229	-119.29014	1291	6		0	3	8	0	8	310	1.5	10	2	0	1	1	5	1	1	1	1	09/09
83D06	2005	3060	11	345167	5813372	52.44857	-119.27838	1137	6		0	3	8	0	8	310	1.0	15	2	0	1	1	5	1	1	2	1	09/09
83D06	2005	3062	11	344910	5814403	52.45775	-119.28263	1037	6		0	3	8	0	1	310	4.0	45	1	0	1	1	5	1	1	2	1	09/09
83D06	2005	3063	11	340740	5818098	52.48975	-119.34571	843	6		0	2	8	0	1	310	0.8	5	2	0	3	1	5	1	1	1	1	09/09
83D02	2005	3064	11	364864	5788379	52.22923	-118.97869	1149	6	10	0	2	8	0	1	130	5.0	25	1	0	1	2	5	1	1	3	3	09/28
83D02	2005	3065	11	364864	5788379	52.22923	-118.97869	1149	6	20	0	2	8	0	1	130	5.0	25	1	0	1	2	5	1	1	3	3	09/28

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
83D13	2005	1002	11	328797	5871617	6	10	1.12	0.02	0.4	51.3	0.22	<1	0.05	0.58	22.3	8.8	20.88	3.3	0.5	1.72	34.3	4.28	0.61	170	8
83D13	2005	1003	11	328797	5871617	6	20	1.00	0.02	0.4	42.3	0.20	1	0.03	0.56	18.1	7.9	18.34	2.6	0.4	1.52	28.3	3.59	0.52	157	<5
83D14	2005	1004	11	332106	5869555	6		0.76	0.02	<0.1	40.8	0.40	1	0.04	0.44	16.6	17.2	73.33	2.2	0.9	1.96	31.8	3.15	0.43	132	<5
83D14	2005	1005	11	332910	5864436	6		1.13	0.02	0.3	58.7	0.25	1	0.05	0.59	21.8	10.7	33.29	3.3	0.5	1.91	61.3	3.31	0.60	203	<5
83D14	2005	1006	11	332476	5865572	6		1.56	0.02	0.2	121.3	0.36	1	0.06	0.66	30.7	18.2	33.76	4.4	0.5	2.56	56.2	4.60	0.78	266	<5
83D13	2005	1007	11	320967	5875516	6		1.33	0.02	<0.1	58.0	0.20	1	0.03	0.16	28.9	15.2	47.02	4.0	1.2	2.42	46.4	3.70	0.81	167	7
83D13	2005	1009	11	321634	5869879	6		1.91	<0.02	<0.1	110.0	0.32	<1	0.04	0.36	43.1	16.9	40.09	6.5	0.8	3.08	46.8	4.86	1.17	185	8
83D13	2005	1010	11	322226	5871396	6		1.86	0.02	0.1	104.1	1.71	1	0.07	0.25	51.9	16.2	46.64	5.8	1.2	3.11	38.6	37.59	1.10	282	26
83D11	2005	1011	11	331486	5824164	6		0.62	0.02	0.3	22.0	0.21	1	0.04	0.37	13.0	9.8	20.75	1.9	0.5	1.75	21.9	4.20	0.37	179	<5
83D11	2005	1012	11	333084	5822589	6		0.81	0.02	0.2	24.9	0.16	<1	0.03	0.21	16.1	8.4	17.29	2.5	0.4	1.72	17.9	4.06	0.47	164	<5
83D06	2005	1013	11	343745	5817846	6		1.18	0.03	0.5	65.8	0.16	<1	0.07	0.67	26.4	12.3	25.80	4.0	<0.2	2.40	12.5	4.48	1.00	327	<5
83D06	2005	1014	11	344728	5817238	6		1.67	0.05	0.6	86.5	0.37	<1	0.09	0.46	36.4	16.7	34.55	6.0	<0.2	3.09	12.3	5.57	1.15	385	6
83D06	2005	1015	11	346859	5817360	6		1.20	0.03	0.4	55.2	0.20	1	0.04	0.62	25.2	15.0	29.52	3.9	0.2	2.57	15.2	4.50	0.97	307	<5
83D06	2005	1016	11	349198	5817872	6		1.27	0.03	0.1	53.7	0.17	<1	0.04	0.27	27.3	12.5	26.36	4.4	<0.2	2.46	12.8	4.13	0.87	284	<5
83D06	2005	1017	11	350382	5817549	6		1.23	0.03	<0.1	40.4	0.20	<1	0.04	0.22	26.6	12.4	25.75	4.1	0.6	2.43	12.0	4.17	0.84	314	<5
83D06	2005	1018	11	352231	5817614	6		0.95	0.03	0.3	32.6	0.19	1	0.07	0.22	19.4	10.8	22.56	2.8	0.3	1.99	17.0	4.19	0.54	331	5
83D06	2005	1019	11	355150	5817172	6		1.12	<0.02	0.4	66.6	0.18	1	0.07	0.22	28.0	8.7	15.22	3.8	0.2	1.69	19.3	4.78	0.53	211	7
83D12	2005	1020	11	319526	5835380	6		0.89	<0.02	<0.1	40.4	0.17	1	0.03	0.25	20.8	9.6	28.13	2.6	0.7	1.74	23.4	3.92	0.55	167	<5
83D11	2005	1022	11	357866	5825586	6		1.23	<0.02	0.4	131.7	0.08	1	0.07	0.79	29.3	10.9	18.29	6.0	0.3	2.70	14.0	4.96	0.73	450	<5
83D11	2005	1024	11	362423	5826489	6		1.06	<0.02	0.6	69.8	0.05	<1	0.09	0.75	25.5	8.0	11.63	5.3	0.5	2.06	13.1	3.20	0.48	408	9
83D11	2005	1025	11	362310	5826340	6		0.72	0.02	0.3	82.2	0.07	1	0.05	1.14	15.1	5.8	12.04	4.1	1.5	2.14	25.1	2.92	0.40	289	<5
83D11	2005	1026	11	358224	5828783	6		1.47	0.02	0.4	123.8	0.11	1	0.11	0.56	37.8	12.7	27.99	4.9	0.9	2.15	12.5	6.56	0.72	361	17
83D12	2005	1027	11	319373	5832487	6		1.35	0.10	5.8	18.0	0.25	<1	0.09	0.25	30.3	17.9	45.50	3.5	1.2	3.31	20.0	15.26	0.76	584	5
83D12	2005	1028	11	317126	5835751	6		0.97	0.09	10.1	21.9	0.47	<1	0.09	0.33	19.6	11.7	25.70	2.4	0.7	2.47	25.4	13.25	0.48	1165	12
83D12	2005	1029	11	319027	5832570	6		1.14	0.09	4.2	40.5	0.19	1	0.25	0.40	19.0	13.2	23.46	2.4	0.9	1.87	28.4	18.06	0.35	818	47
83D12	2005	1030	11	317127	5835983	6		0.72	0.07	10.5	12.3	0.33	<1	0.04	0.26	14.0	10.3	23.96	2.0	0.5	2.41	9.0	8.36	0.42	365	<5
83D12	2005	1031	11	323595	5826108	6		1.23	0.05	0.4	15.8	0.51	1	0.19	0.16	21.3	37.7	66.43	3.1	1.1	3.97	62.3	14.47	0.68	1289	10
83D03	2005	1032	11	352125	5785990	6		2.57	0.02	1.3	218.5	0.42	1	0.09	0.30	63.9	22.1	57.76	9.5	0.8	5.07	16.8	9.55	1.24	514	11
83D06	2005	1033	11	349665	5811412	6		1.15	0.04	0.7	74.5	0.23	1	0.09	0.18	18.6	8.9	18.90	3.7	4.5	1.89	19.0	7.32	0.41	401	25
83D06	2005	1034	11	350012	5812972	6		1.16	0.11	1.7	97.5	0.27	2	0.06	0.67	26.6	8.1	22.20	3.7	1.4	1.52	35.2	4.62	0.67	423	37
83D06	2005	1035	11	346857	5807075	6		0.74	0.02	0.2	25.4	0.21	1	0.06	0.18	13.0	8.4	14.89	2.4	0.8	1.81	15.8	4.69	0.33	496	6
83D06	2005	1036	11	345209	5807024	6		0.70	0.03	0.3	28.9	0.32	<1	0.10	0.37	11.4	10.0	27.03	2.3	0.2	2.14	28.5	7.72	0.42	332	<5
83D06	2005	1037	11	343571	5806637	6		1.43	0.04	0.6	64.7	0.40	1	0.14	0.51	29.6	14.8	36.45	4.6	0.7	3.12	25.2	10.41	0.71	810	28
83D06	2005	1038	11	347243	5804445	6		0.72	0.02	0.2	26.4	0.51	1	0.07	0.52	9.8	7.6	18.05	2.0	0.6	1.86	23.2	6.57	0.39	420	9
83D06	2005	1039	11	350469	5814976	6	10	0.95	0.09	1.0	111.2	0.16	<1	0.03	0.32	17.1	5.5	13.48	3.1	1.1	1.17	15.0	2.45	0.75	354	5
83D06	2005	1040	11	350469	5814976	6	20	1.03	0.10	1.0	119.1	0.15	1	0.03	0.32	17.2	5.6	12.83	3.3	0.6	1.21	15.8	2.33	0.81	356	<5
83D14	2005	1042	11	345121	5871658	6		1.02	0.12	7.1	10.8	0.34	1	0.05	0.98	15.1	14.1	30.76	3.1	74.0	2.69	25.7	12.77	0.46	337	<5
83D14	2005	1043	11	347883	5874177	6		1.16	0.10	9.9	13.7	0.36	1	0.09	0.29	15.6	14.1	27.76	2.9	14.9	3.10	20.5	17.90	0.54	665	6
83D12	2005	1044	11	322904	5825805	6		1.07	0.03	0.4	23.6	0.18	1	0.03	0.25	37.6	11.4	30.31	2.9	1.3	2.26	19.7	5.14	0.67	258	<5
83D12	2005	1045	11	322638	5826046	6		1.47	0.08	2.8	38.9	0.39	1	0.08	0.19	38.5	20.5	52.42	4.1	1.5	3.80	26.3	13.54	0.83	591	6

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
83D13	2005	1002	11	328797	5871617	6	10	0.19	22.7	0.190	0.39	1.7	0.2	24	0.015	18.8	0.04	0.02	0.24	14.3	0.086	<0.1	2.1	18	44.8
83D13	2005	1003	11	328797	5871617	6	20	0.18	19.7	0.177	0.32	1.5	0.2	24	0.013	17.1	0.04	<0.02	0.19	10.7	0.071	0.1	1.8	15	35.7
83D14	2005	1004	11	332106	5869555	6		0.68	47.8	0.156	0.34	1.4	0.4	95	0.014	10.4	0.50	0.02	0.21	15.0	0.066	<0.1	3.3	13	27.0
83D14	2005	1005	11	332910	5864436	6		0.81	25.2	0.243	0.45	1.9	0.2	39	0.017	18.4	0.06	0.02	0.27	22.1	0.092	0.3	3.2	16	45.4
83D14	2005	1006	11	332476	5865572	6		0.64	48.8	0.146	0.53	2.3	0.4	46	0.037	41.6	0.11	0.02	0.32	15.3	0.115	0.5	3.0	24	54.6
83D13	2005	1007	11	320967	5875516	6		0.55	39.2	0.074	0.61	1.9	0.2	46	0.014	6.0	0.15	0.02	0.38	15.3	0.106	<0.1	3.0	21	68.0
83D13	2005	1009	11	321634	5869879	6		0.36	42.6	0.156	1.05	2.7	0.3	75	0.026	9.3	0.09	0.03	0.59	16.6	0.189	<0.1	3.3	36	90.7
83D13	2005	1010	11	322226	5871396	6		0.49	45.5	0.085	0.90	2.7	0.3	63	0.014	9.9	0.06	0.03	0.56	11.9	0.189	<0.1	5.2	35	87.0
83D11	2005	1011	11	331486	5824164	6		0.41	20.3	0.107	0.17	1.1	0.3	39	0.003	16.2	0.06	0.02	0.14	8.9	0.054	<0.1	1.2	12	30.8
83D11	2005	1012	11	333084	5822589	6		0.44	17.1	0.060	0.21	1.4	0.3	25	0.005	16.5	0.02	<0.02	0.17	6.8	0.063	<0.1	1.1	15	36.2
83D06	2005	1013	11	343745	5817846	6		0.50	20.4	0.081	0.35	3.0	0.5	29	0.008	16.8	0.05	<0.02	0.15	4.5	0.091	<0.1	0.7	36	45.0
83D06	2005	1014	11	344728	5817238	6		0.71	27.8	0.077	0.62	4.0	0.7	40	0.013	30.1	0.06	<0.02	0.23	4.6	0.130	<0.1	0.8	51	61.1
83D06	2005	1015	11	346859	5817360	6		0.53	24.1	0.090	0.44	2.9	0.6	34	0.009	22.0	0.08	0.02	0.16	5.1	0.097	<0.1	0.8	35	39.0
83D06	2005	1016	11	349198	5817872	6		0.50	21.9	0.057	0.46	2.9	0.6	29	0.008	20.1	0.03	<0.02	0.16	4.0	0.107	<0.1	0.6	39	43.8
83D06	2005	1017	11	350382	5817549	6		0.39	22.7	0.046	0.40	2.5	0.6	27	0.007	13.5	0.03	<0.02	0.18	3.7	0.100	<0.1	0.7	34	47.3
83D06	2005	1018	11	352231	5817614	6		0.28	33.9	0.050	0.26	1.4	0.8	38	0.004	10.9	0.02	<0.02	0.21	5.1	0.073	<0.1	3.2	18	50.8
83D06	2005	1019	11	355150	5817172	6		0.33	22.2	0.060	0.30	2.0	0.4	37	0.008	11.9	0.03	<0.02	0.19	5.5	0.101	<0.1	2.0	22	50.9
83D12	2005	1020	11	319526	5835380	6		0.19	24.1	0.070	0.40	1.3	0.2	28	0.007	7.2	0.11	<0.02	0.26	11.3	0.086	<0.1	1.8	15	39.1
83D11	2005	1022	11	357866	5825586	6		1.29	14.6	0.300	0.55	3.7	0.3	23	0.015	13.2	0.04	<0.02	0.20	5.3	0.171	0.2	1.4	43	64.7
83D11	2005	1024	11	362423	5826489	6		1.83	10.3	0.198	0.28	2.6	0.4	29	0.030	13.0	0.02	<0.02	0.13	3.0	0.128	0.1	1.9	33	65.0
83D11	2005	1025	11	362310	5826340	6		0.70	6.0	0.447	0.40	2.9	0.2	17	0.014	15.2	0.01	<0.02	0.15	11.2	0.101	0.6	1.4	26	37.2
83D11	2005	1026	11	358224	5828783	6		0.60	22.9	0.149	0.43	2.7	0.8	67	0.014	13.6	0.03	<0.02	0.29	3.7	0.137	0.6	2.8	40	77.2
83D12	2005	1027	11	319373	5832487	6		0.53	42.2	0.114	0.03	1.2	0.4	54	0.002	11.4	0.03	0.04	0.02	10.7	0.005	<0.1	2.3	16	54.6
83D12	2005	1028	11	317126	5835751	6		0.40	38.8	0.075	0.02	0.9	0.7	43	0.001	30.5	0.06	<0.02	0.02	7.7	0.004	<0.1	3.4	7	48.8
83D12	2005	1029	11	319027	5832570	6		0.98	29.8	0.081	0.04	0.9	1.5	107	0.002	35.5	0.06	0.02	0.03	5.0	0.007	<0.1	8.0	9	53.0
83D12	2005	1030	11	317127	5835983	6		0.16	28.9	0.057	0.03	0.9	0.1	22	0.001	23.5	0.04	0.02	0.02	7.0	0.002	<0.1	1.2	6	39.6
83D12	2005	1031	11	323595	5826108	6		1.39	80.0	0.064	0.05	1.3	1.2	59	0.002	9.3	0.08	0.06	0.11	12.2	0.012	<0.1	3.7	15	75.4
83D03	2005	1032	11	352125	5785990	6		1.46	91.1	0.091	1.14	6.0	1.0	57	0.024	27.7	0.17	0.03	0.53	4.9	0.245	<0.1	1.6	63	106.7
83D06	2005	1033	11	349665	5811412	6		0.83	13.2	0.040	0.29	1.9	0.4	67	0.007	9.8	0.03	<0.02	0.24	5.2	0.111	<0.1	1.2	21	47.2
83D06	2005	1034	11	350012	5812972	6		0.69	18.0	0.083	0.36	1.7	1.7	70	0.008	17.2	0.03	0.03	0.25	5.8	0.085	0.1	7.9	19	47.4
83D06	2005	1035	11	346857	5807075	6		0.54	17.1	0.039	0.13	1.2	0.3	43	0.004	11.2	<0.01	<0.02	0.14	4.1	0.047	<0.1	1.0	14	37.4
83D06	2005	1036	11	345209	5807024	6		0.57	20.6	0.081	0.19	1.4	0.6	73	0.004	25.0	<0.01	0.03	0.16	8.7	0.063	<0.1	1.6	13	43.0
83D06	2005	1037	11	343571	5806637	6		0.57	27.4	0.088	0.29	3.6	0.4	62	0.009	28.9	<0.01	0.04	0.25	6.5	0.113	0.4	1.3	38	50.5
83D06	2005	1038	11	347243	5804445	6		0.29	14.2	0.058	0.16	1.0	0.4	42	0.003	36.7	0.01	0.02	0.16	6.6	0.059	<0.1	1.2	12	32.8
83D06	2005	1039	11	350469	5814976	6	10	0.40	10.3	0.084	0.41	1.4	0.4	33	0.009	18.6	<0.01	<0.02	0.20	6.5	0.089	0.3	3.0	15	34.5
83D06	2005	1040	11	350469	5814976	6	20	0.40	11.1	0.085	0.46	1.6	0.4	24	0.010	18.5	0.01	<0.02	0.21	6.8	0.096	0.3	3.0	16	34.7
83D14	2005	1042	11	345121	5871658	6		0.24	29.4	0.105	0.03	1.2	0.2	44	0.001	44.5	<0.01	0.02	0.02	13.3	0.008	1.1	2.2	6	69.5
83D14	2005	1043	11	347883	5874177	6		0.44	31.2	0.074	0.02	1.3	0.3	44	0.002	17.0	<0.01	0.03	<0.02	12.4	0.003	<0.1	3.3	6	67.4
83D12	2005	1044	11	322904	5825805	6		0.36	32.9	0.082	0.11	1.5	0.1	31	0.003	11.5	0.03	0.02	0.11	8.1	0.044	<0.1	1.9	19	43.0
83D12	2005	1045	11	322638	5826046	6		0.80	51.8	0.063	0.14	1.9	0.4	61	0.003	12.8	0.06	0.03	0.16	10.4	0.038	<0.1	3.4	24	69.6

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
83D06	2005	1046	11	351423	5798556	6		1.05	0.02	0.2	52.4	0.37	1	0.07	0.37	19.8	9.8	24.59	3.7	0.2	1.91	16.0	4.84	0.58	275	6
83D06	2005	1047	11	351507	5805808	6		1.02	0.02	0.3	43.4	0.24	<1	0.08	0.90	20.5	11.5	29.63	3.1	0.3	2.34	15.1	5.11	0.67	298	<5
83D06	2005	1048	11	353650	5811637	6		2.06	0.09	3.4	224.5	0.20	1	0.08	0.73	24.3	6.2	26.04	6.5	0.7	1.63	14.5	6.65	1.90	667	11
83D06	2005	1049	11	354888	5812824	6		1.44	0.07	0.6	113.7	0.10	1	0.20	0.95	51.0	12.6	29.32	6.8	<0.2	3.14	14.1	10.01	0.83	626	19
83D06	2005	1051	11	355451	5814275	6		0.73	<0.02	0.2	59.5	1.21	1	0.04	0.84	18.1	8.8	17.54	3.4	1.6	2.18	19.9	2.35	0.35	249	<5
83D11	2005	1052	11	356233	5831308	6		1.30	0.04	0.2	98.3	0.26	1	0.13	0.49	34.5	17.9	32.26	3.9	0.7	2.05	29.9	4.82	0.62	389	29
83D11	2005	1053	11	353512	5835031	6		1.52	0.03	0.6	171.9	0.10	1	0.09	0.66	32.2	10.1	19.27	5.6	0.8	2.41	10.8	5.27	0.83	507	22
83D12	2005	1054	11	326725	5828154	6		0.56	0.04	<0.1	21.2	0.28	1	0.08	0.37	11.8	9.7	20.53	1.6	0.5	1.82	21.9	6.44	0.26	439	20
83D13	2005	1055	11	306859	5874449	6		1.40	0.08	3.7	12.7	0.18	<1	0.03	0.18	31.2	10.1	33.12	3.8	1.6	3.16	21.0	9.03	0.80	298	<5
83D13	2005	1056	11	307194	5874013	6		0.77	0.04	0.2	31.8	0.22	<1	<0.01	0.05	17.9	3.0	22.37	2.4	0.4	2.15	24.0	2.07	0.46	41	<5
83D13	2005	1057	11	304983	5872593	6	10	1.34	0.09	1.3	28.8	0.43	<1	0.05	0.09	28.2	12.8	34.89	4.3	1.1	3.15	31.8	6.15	0.81	212	<5
83D13	2005	1058	11	304983	5872593	6	20	1.40	0.09	1.4	29.1	0.36	1	0.04	0.09	28.9	13.8	35.82	4.1	0.3	3.23	33.7	6.01	0.83	224	<5
83D13	2005	1059	11	303311	5871488	6		1.04	0.29	1.4	23.3	0.29	1	0.05	0.17	20.0	14.1	29.18	2.8	0.6	2.65	34.8	6.88	0.60	326	6
83D13	2005	1060	11	308475	5869869	6		1.15	0.02	<0.1	47.3	0.22	<1	0.04	0.18	23.0	13.4	39.00	3.3	0.7	2.35	28.0	3.93	0.70	172	<5
83D13	2005	1062	11	307985	5868109	6		1.44	0.07	0.3	56.9	0.46	1	0.12	0.24	31.5	14.3	32.15	4.3	7.7	2.83	26.8	8.28	0.80	347	16
83D13	2005	1063	11	307067	5865738	6		1.52	0.05	0.7	7.7	0.27	<1	0.05	0.08	27.7	15.9	40.93	3.9	0.8	3.56	15.0	9.63	0.94	336	<5
83D13	2005	1064	11	307422	5865050	6		1.21	0.02	<0.1	28.9	0.30	1	0.02	0.11	23.3	10.0	41.96	3.6	0.6	2.71	22.1	4.90	0.83	149	<5
83D13	2005	1065	11	303970	5871054	6		0.97	0.08	0.5	28.0	0.20	<1	0.03	0.21	20.6	13.6	26.80	2.7	42.2	1.94	37.4	5.26	0.52	192	<5
83D13	2005	1066	11	302496	5871010	6	10	1.73	0.14	5.1	12.2	0.17	<1	0.05	0.17	40.2	14.9	31.06	4.9	1.8	3.53	17.1	13.56	0.98	515	<5
83D13	2005	1067	11	302496	5871010	6	20	1.65	0.13	5.2	12.0	0.16	1	0.04	0.17	36.8	14.0	29.21	4.7	1.2	3.45	15.6	12.46	0.94	510	6
83D13	2005	1068	11	320133	5867645	6		1.80	<0.02	<0.1	93.3	0.31	<1	0.04	0.30	37.0	30.8	73.13	5.7	1.0	3.13	61.1	4.30	1.14	245	<5
83D14	2005	1069	11	331691	5859616	6		0.95	0.02	<0.1	77.7	0.31	<1	0.09	0.47	15.7	11.3	57.44	2.9	1.3	2.09	30.0	4.20	0.50	138	<5
83D13	2005	1070	11	322995	5861274	6		1.25	<0.02	<0.1	62.3	0.64	<1	0.02	0.45	25.0	13.1	107.17	3.8	11.1	2.51	78.8	4.18	0.74	175	<5
83D13	2005	1071	11	322411	5861238	6		1.56	0.02	0.2	81.9	0.39	<1	0.06	0.38	32.6	16.5	42.21	5.0	1.0	2.78	43.4	4.99	0.98	230	9
83D13	2005	1072	11	323729	5862014	6		1.48	0.02	<0.1	80.9	0.38	1	0.04	0.48	32.8	20.9	47.15	4.9	0.6	2.34	102.5	4.03	0.97	175	9
83D13	2005	1073	11	325042	5862866	6		1.67	<0.02	0.2	96.1	0.30	1	0.07	0.60	40.5	16.6	40.98	5.7	0.8	2.96	40.9	6.25	1.01	256	7
83D13	2005	1074	11	325839	5862963	6		2.18	<0.02	<0.1	135.1	0.38	<1	0.03	0.26	46.6	20.6	73.17	7.0	1.4	3.80	40.1	5.53	1.32	252	<5
83D13	2005	1075	11	326653	5863858	6		2.05	<0.02	0.1	135.2	0.34	<1	0.04	0.42	44.1	18.2	60.97	6.6	0.8	3.44	60.3	5.22	1.18	230	6
83D13	2005	1076	11	326122	5864020	6		1.48	<0.02	0.1	98.2	0.31	<1	0.07	0.66	35.0	13.6	34.32	5.0	0.7	2.52	73.0	5.54	0.87	229	<5
83D13	2005	1077	11	327217	5864566	6		1.22	<0.02	0.1	58.4	0.34	1	0.05	0.53	23.7	11.6	37.12	3.4	1.0	2.35	54.6	3.88	0.67	243	<5
83D13	2005	1078	11	318097	5865722	6		1.60	0.02	0.1	89.7	0.44	<1	0.04	0.36	35.6	16.2	74.15	5.4	8.7	2.76	79.7	4.59	1.05	135	<5
83D13	2005	1080	11	317063	5865426	6		1.43	<0.02	0.2	69.3	0.36	<1	0.03	0.21	30.7	12.9	38.33	4.7	1.6	2.52	39.4	3.95	0.90	185	<5
83D13	2005	1082	11	315444	5863116	6		1.46	0.03	0.1	70.0	0.23	<1	0.04	0.17	32.9	16.7	36.12	4.2	0.6	2.41	35.7	5.61	0.91	182	<5
83D13	2005	1083	11	315163	5863808	6		1.29	0.06	0.2	50.5	0.31	1	0.11	0.28	27.3	15.3	39.36	3.7	0.7	2.33	42.2	6.13	0.74	273	10
83D13	2005	1085	11	314193	5874235	6	10	1.36	0.02	0.1	75.6	0.21	<1	0.06	0.17	30.3	14.5	32.85	4.1	0.8	2.57	43.8	4.45	0.84	252	<5
83D13	2005	1086	11	314193	5874235	6	20	1.10	0.02	0.1	55.4	0.20	<1	0.06	0.22	24.3	11.1	30.97	3.2	11.6	2.22	33.4	4.16	0.66	196	<5
83D13	2005	1087	11	314063	5874149	6		0.85	0.04	0.2	60.5	0.15	<1	0.06	1.01	19.8	10.3	27.94	2.5	1.2	1.66	22.4	3.82	0.50	182	<5
83D13	2005	1088	11	302237	5869167	6		1.50	0.05	0.6	8.0	0.26	1	0.02	0.07	24.1	10.8	42.28	3.7	1.2	3.36	15.1	8.36	0.91	217	5
83D13	2005	1089	11	300903	5867540	6		1.19	0.06	2.9	8.5	0.32	1	0.07	0.11	23.3	16.4	34.49	3.2	0.9	3.08	19.3	10.41	0.62	428	9
83D13	2005	1090	11	300890	5866676	6		1.26	0.07	5.5	7.5	0.34	<1	0.06	0.11	24.9	16.7	37.34	3.2	0.9	3.17	15.9	12.32	0.67	411	7

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
83D06	2005	1046	11	351423	5798556	6		0.62	18.1	0.092	0.26	2.2	0.5	38	0.010	24.7	0.01	<0.02	0.17	4.5	0.091	0.2	1.3	28	53.2
83D06	2005	1047	11	351507	5805808	6		0.61	20.1	0.058	0.31	2.0	0.3	52	0.008	46.9	0.10	<0.02	0.18	5.7	0.078	<0.1	0.9	26	43.5
83D06	2005	1048	11	353650	5811637	6		0.47	11.0	0.073	0.65	2.9	1.0	44	0.023	16.1	0.02	0.02	0.27	6.6	0.117	0.5	2.1	25	66.9
83D06	2005	1049	11	354888	5812824	6		1.49	21.5	0.301	0.50	3.9	0.6	30	0.023	19.5	0.02	<0.02	0.17	2.8	0.168	0.2	1.3	47	100.0
83D06	2005	1051	11	355451	5814275	6		0.85	12.3	0.327	0.29	2.2	0.2	16	0.016	16.8	0.02	<0.02	0.13	7.2	0.082	0.4	1.9	26	28.1
83D11	2005	1052	11	356233	5831308	6		1.03	46.9	0.111	0.42	2.5	1.3	69	0.010	14.5	0.05	<0.02	0.37	6.7	0.109	0.1	2.8	27	39.4
83D11	2005	1053	11	353512	5835031	6		1.47	17.1	0.129	0.52	2.6	1.1	44	0.009	16.4	0.01	<0.02	0.26	3.9	0.163	0.3	5.2	42	57.8
83D12	2005	1054	11	326725	5828154	6		1.06	24.9	0.042	0.06	0.6	1.7	87	0.002	42.3	0.02	<0.02	0.12	3.8	0.021	<0.1	2.5	9	41.2
83D13	2005	1055	11	306859	5874449	6		0.44	28.6	0.076	0.05	1.2	0.4	53	0.002	10.9	<0.01	<0.02	0.06	9.6	0.016	<0.1	1.6	13	61.6
83D13	2005	1056	11	307194	5874013	6		0.82	8.6	0.040	0.25	1.4	0.3	33	0.008	3.3	0.11	<0.02	0.20	9.8	0.054	<0.1	1.5	15	24.9
83D13	2005	1057	11	304983	5872593	6	10	0.85	25.5	0.053	0.20	1.7	0.4	132	0.005	6.5	0.05	0.03	0.23	13.9	0.045	<0.1	2.5	18	70.1
83D13	2005	1058	11	304983	5872593	6	20	0.87	26.1	0.055	0.20	1.8	0.4	58	0.005	6.6	0.05	0.02	0.23	13.8	0.049	<0.1	2.6	19	70.9
83D13	2005	1059	11	303311	5871488	6		0.43	34.9	0.065	0.16	1.6	0.2	88	0.003	7.1	0.04	0.04	0.20	13.1	0.044	<0.1	2.5	13	59.5
83D13	2005	1060	11	308475	5869869	6		0.77	30.1	0.079	0.41	1.6	0.3	45	0.009	6.1	0.13	0.03	0.32	10.7	0.074	<0.1	2.8	19	58.2
83D13	2005	1062	11	307985	5868109	6		0.75	35.8	0.061	0.36	2.0	0.8	61	0.005	17.0	0.06	0.02	0.33	8.2	0.084	<0.1	2.5	24	70.3
83D13	2005	1063	11	307067	5865738	6		0.95	35.9	0.046	0.02	1.2	0.2	44	0.001	3.9	0.08	<0.02	0.03	9.9	0.005	<0.1	2.8	13	76.9
83D13	2005	1064	11	307422	5865050	6		1.47	21.4	0.062	0.29	1.4	0.3	49	0.004	4.0	0.18	<0.02	0.27	11.9	0.051	<0.1	3.2	16	64.0
83D13	2005	1065	11	303970	5871054	6		0.32	32.6	0.082	0.23	1.4	0.2	41	0.005	7.9	0.02	0.02	0.19	12.9	0.053	<0.1	2.3	14	45.2
83D13	2005	1066	11	302496	5871010	6	10	0.25	42.9	0.067	0.02	1.4	0.1	30	0.001	13.8	0.02	<0.02	<0.02	10.2	0.004	<0.1	1.4	15	73.0
83D13	2005	1067	11	302496	5871010	6	20	0.26	39.5	0.063	0.02	1.4	0.2	26	0.001	14.5	0.03	0.02	0.02	9.6	0.003	<0.1	1.3	14	66.4
83D13	2005	1068	11	320133	5867645	6		0.40	76.2	0.120	1.02	2.4	0.4	58	0.028	11.9	0.12	0.03	0.54	14.1	0.153	<0.1	4.5	32	111.7
83D14	2005	1069	11	331691	5859616	6		0.79	24.9	0.168	0.52	1.7	1.1	50	0.025	12.5	0.45	0.08	0.22	15.1	0.108	0.2	2.3	18	29.7
83D13	2005	1070	11	322995	5861274	6		1.21	33.4	0.198	0.67	2.3	0.4	83	0.018	6.8	0.25	0.04	0.34	33.7	0.990	0.2	5.9	20	51.9
83D13	2005	1071	11	322411	5861238	6		0.41	37.4	0.163	0.75	2.2	0.5	69	0.019	12.9	0.09	0.05	0.47	15.3	0.136	<0.1	2.7	27	78.7
83D13	2005	1072	11	323729	5862014	6		0.32	52.6	0.186	0.80	2.1	0.5	66	0.024	12.2	0.02	0.05	0.48	20.5	0.145	<0.1	3.6	28	81.8
83D13	2005	1073	11	325042	5862866	6		0.29	41.7	0.155	0.71	2.7	0.4	49	0.014	22.6	0.04	0.05	0.46	17.8	0.184	<0.1	2.8	32	75.5
83D13	2005	1074	11	325839	5862963	6		0.50	39.9	0.089	1.32	2.8	0.4	72	0.041	17.2	0.22	0.04	0.63	14.8	0.208	<0.1	3.7	41	98.5
83D13	2005	1075	11	326653	5863858	6		0.52	38.2	0.162	1.22	3.0	0.4	64	0.034	16.6	0.11	0.04	0.56	17.4	0.206	<0.1	3.6	37	88.9
83D13	2005	1076	11	326122	5864020	6		0.27	34.9	0.267	0.76	2.7	0.4	43	0.014	11.3	0.05	0.03	0.40	30.3	0.161	<0.1	4.4	27	63.1
83D13	2005	1077	11	327217	5864566	6		0.49	24.7	0.213	0.49	2.3	0.5	48	0.015	10.1	0.07	0.04	0.32	18.7	0.102	<0.1	3.4	19	42.4
83D13	2005	1078	11	318097	5865722	6		0.83	40.4	0.165	0.90	2.2	0.4	58	0.026	8.3	0.13	0.04	0.56	28.1	0.137	<0.1	4.4	27	72.0
83D13	2005	1080	11	317063	5865426	6		0.54	27.9	0.097	0.63	2.1	0.3	44	0.016	5.9	0.04	0.04	0.41	13.9	0.120	<0.1	2.5	26	57.3
83D13	2005	1082	11	315444	5863116	6		0.35	45.1	0.059	0.69	1.7	0.2	47	0.012	7.3	0.03	0.02	0.43	11.1	0.126	<0.1	2.9	24	64.1
83D13	2005	1083	11	315163	5863808	6		0.53	41.5	0.086	0.41	1.9	1.1	76	0.008	12.5	0.05	0.05	0.34	11.4	0.088	0.2	3.9	19	64.0
83D13	2005	1085	11	314193	5874235	6	10	0.59	39.6	0.068	0.71	2.0	0.4	49	0.013	8.4	0.11	<0.02	0.37	12.3	0.119	<0.1	2.8	24	69.7
83D13	2005	1086	11	314193	5874235	6	20	0.47	28.8	0.092	0.51	1.5	0.3	52	0.010	8.3	0.11	0.03	0.28	12.6	0.088	<0.1	2.4	18	50.1
83D13	2005	1087	11	314063	5874149	6		0.28	27.3	0.124	0.49	1.2	0.2	42	0.009	32.0	0.08	<0.02	0.26	10.3	0.084	<0.1	1.7	14	37.8
83D13	2005	1088	11	302237	5869167	6		1.34	22.3	0.038	0.04	1.3	0.3	47	0.002	3.3	0.10	<0.02	0.05	12.1	0.009	<0.1	3.3	13	77.3
83D13	2005	1089	11	300903	5867540	6		0.71	33.5	0.049	0.02	1.1	0.3	52	0.001	5.0	0.05	0.03	<0.02	10.6	0.003	<0.1	1.9	10	63.0
83D13	2005	1090	11	300890	5866676	6		0.57	37.3	0.044	0.03	1.1	0.4	81	0.002	5.2	0.06	<0.02	<0.02	9.3	0.005	<0.1	2.0	9	63.8

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
83D13	2005	1091	11	301225	5866637	6		1.32	0.03	1.2	7.6	0.21	<1	0.04	0.10	24.3	15.0	30.21	3.3	0.7	2.91	15.6	8.15	0.79	314	<5
83D13	2005	1092	11	300770	5865402	6		1.48	0.11	11.8	7.4	0.31	<1	0.06	0.13	29.8	17.6	45.14	3.7	1.4	3.67	14.3	16.03	0.82	465	6
83D13	2005	1093	11	301455	5863683	6		0.98	0.06	5.5	5.6	0.22	1	0.05	0.08	18.1	15.0	31.55	2.3	0.6	2.51	18.8	8.11	0.51	344	<5
83D13	2005	1094	11	301653	5862484	6		1.16	0.07	5.0	10.6	0.27	<1	0.06	0.12	21.7	18.9	38.32	2.9	0.7	2.82	14.3	9.91	0.61	501	6
83D13	2005	1095	11	301389	5861459	6		1.43	0.27	23.1	21.9	0.38	<1	0.16	0.19	33.3	22.4	54.86	3.6	1.2	3.29	30.5	23.13	0.70	655	28
83D13	2005	1096	11	302096	5860401	6		1.04	0.08	4.8	6.7	0.21	<1	0.03	0.07	20.5	15.5	32.48	2.7	0.9	2.70	21.3	10.26	0.54	286	<5
83D13	2005	1097	11	302163	5858564	6		1.91	0.16	7.3	15.7	0.21	1	0.04	0.19	44.8	19.6	37.70	4.9	1.3	4.10	17.2	15.74	1.07	617	<5
83D13	2005	1098	11	302553	5858057	6		1.03	0.08	6.9	5.7	0.29	<1	0.06	0.13	18.2	13.0	33.85	2.6	0.7	2.38	23.6	10.50	0.59	285	<5
83D13	2005	1099	11	299300	5852667	6		1.65	0.23	15.1	6.3	0.35	1	0.06	0.28	39.2	34.8	106.25	4.6	1.6	3.90	29.5	30.28	0.90	389	11
83D13	2005	1100	11	299469	5852828	6		1.29	0.09	10.1	12.0	0.25	<1	0.10	0.28	26.8	14.7	54.44	3.2	2.0	2.52	27.5	19.38	0.78	593	8
83D12	2005	1102	11	325522	5821837	6		1.24	0.03	0.7	19.3	0.18	<1	0.05	0.25	31.3	13.6	33.67	3.5	0.5	2.50	23.2	6.12	0.72	249	7
83D12	2005	1103	11	324253	5821698	6		1.47	0.06	0.8	26.9	0.20	1	0.11	0.41	51.9	15.3	35.44	4.4	1.0	2.64	25.5	8.85	0.87	354	19
83D12	2005	1104	11	323892	5820457	6		1.09	0.02	0.3	30.4	0.12	<1	0.04	0.30	40.5	12.5	29.77	3.5	0.9	3.04	17.7	5.16	0.67	244	8
83D12	2005	1105	11	323017	5820544	6		1.52	0.05	0.5	17.4	0.26	<1	0.06	0.23	38.2	18.4	54.50	4.1	1.3	3.04	30.7	10.25	0.92	397	10
83D12	2005	1106	11	328826	5823949	6	10	0.97	0.03	0.6	17.8	0.14	<1	0.03	0.33	26.0	10.3	28.09	2.7	1.0	2.15	19.5	4.25	0.61	245	<5
83D12	2005	1107	11	328826	5823949	6	20	0.94	0.03	0.5	17.4	0.17	<1	0.02	0.29	23.8	9.9	27.05	2.6	1.1	2.04	18.0	4.09	0.59	227	<5
83D06	2005	1108	11	332387	5809511	6		1.19	0.05	0.4	39.8	0.30	1	0.12	0.58	27.8	10.4	24.31	4.0	0.7	2.27	22.7	7.94	0.56	477	18
83D06	2005	1109	11	332314	5809379	6		1.11	0.02	1.0	48.9	0.82	<1	0.07	4.22	23.7	12.0	35.10	3.2	1.3	2.44	19.7	4.69	0.61	239	<5
83D06	2005	1110	11	332625	5812922	6		0.74	0.03	1.6	24.3	0.26	<1	0.05	3.68	16.2	9.5	26.13	2.2	0.4	1.79	15.0	4.11	0.44	176	<5
83D06	2005	1111	11	332691	5812811	6		0.88	0.04	2.3	38.8	0.84	<1	0.08	3.79	19.3	11.5	35.40	2.4	1.3	2.19	19.9	4.30	0.49	218	<5
83D11	2005	1112	11	331821	5820630	6		1.07	0.06	0.4	49.2	0.21	<1	0.09	1.00	18.5	12.2	29.07	3.1	0.3	2.31	18.4	6.23	1.13	421	5
83D11	2005	1113	11	332132	5821824	6		0.73	0.03	0.8	16.1	0.14	<1	0.17	2.18	16.2	8.4	20.07	1.9	0.3	1.68	15.5	3.56	0.49	202	<5
83D05	2005	1115	11	329027	5818152	6		0.95	0.07	1.5	16.6	0.23	<1	0.06	0.30	24.8	10.8	24.10	2.6	1.4	2.16	21.0	7.72	0.52	270	14
83D05	2005	1116	11	327966	5816384	6		1.01	0.04	0.7	13.7	0.27	<1	0.17	0.16	17.2	29.6	38.10	2.3	0.3	2.68	54.0	5.27	0.50	809	7
83D05	2005	1117	11	327348	5816318	6		0.87	0.05	0.7	17.3	0.15	<1	0.05	0.35	23.0	9.7	20.28	2.6	0.2	1.84	25.0	5.93	0.49	166	11
83D05	2005	1118	11	327505	5816155	6		0.73	0.02	0.9	14.7	0.11	<1	0.04	3.55	17.9	8.3	21.24	2.1	0.8	1.64	18.7	3.53	0.48	175	5
83D11	2005	1119	11	335672	5830234	6		1.15	0.03	0.2	51.2	0.19	<1	0.06	0.28	26.0	14.3	25.03	3.6	<0.2	2.37	16.2	6.77	0.68	367	7
83D11	2005	1120	11	335250	5830342	6		0.82	<0.02	0.2	31.9	0.15	<1	0.04	0.25	17.7	10.7	24.31	2.5	0.5	1.77	19.0	4.86	0.47	243	7
83D06	2005	1122	11	330537	5818971	6		0.84	0.03	0.3	43.0	0.16	<1	0.06	0.33	27.5	7.7	16.30	3.1	0.7	1.23	18.2	3.90	0.44	127	5
83D06	2005	1123	11	349009	5812463	6		0.78	0.10	4.2	4.4	0.23	<1	0.06	0.11	15.1	12.3	30.64	2.2	1.2	2.14	23.8	10.36	0.46	287	<5
83D06	2005	1124	11	345305	5807595	6		0.85	0.02	0.3	44.4	0.13	<1	0.05	0.32	27.3	7.6	15.58	2.8	1.2	1.18	21.5	3.66	0.42	122	9
83D06	2005	1125	11	339710	5805637	6		1.04	0.02	0.2	29.4	0.16	<1	0.08	0.23	22.8	18.1	23.27	2.7	0.7	2.20	35.8	4.95	0.53	409	9
83D06	2005	1126	11	340060	5805245	6	10	0.92	0.04	0.4	68.7	0.29	1	0.14	0.34	21.8	12.0	36.63	3.0	1.8	1.58	26.7	6.08	0.37	250	14
83D06	2005	1127	11	340060	5805245	6	20	0.67	<0.02	0.1	27.6	0.20	<1	0.07	0.12	10.7	7.4	17.06	1.9	0.2	1.67	17.4	4.00	0.34	230	<5
83D12	2005	1128	11	310099	5846036	6		1.02	0.04	0.1	70.7	0.67	<1	0.09	0.26	20.4	9.5	26.33	3.2	0.9	1.82	21.1	4.37	0.63	254	15
83D12	2005	1129	11	307606	5846782	6		1.53	0.10	8.6	6.3	0.27	<1	0.03	0.13	31.8	17.4	50.20	4.1	1.1	3.44	22.7	16.15	0.83	496	5
83D13	2005	1130	11	305089	5849689	6		1.43	0.09	13.9	23.0	0.30	<1	0.08	0.18	29.4	14.6	36.83	3.7	1.0	2.84	18.6	23.92	0.62	495	21
83D13	2005	1131	11	304466	5851101	6		0.78	0.08	4.3	5.0	0.30	<1	0.07	0.09	13.8	16.0	32.77	1.9	0.8	2.00	33.7	13.15	0.40	336	8
83D13	2005	1132	11	303853	5851143	6		1.47	0.10	17.4	6.7	0.25	<1	0.04	0.27	32.0	14.6	63.34	3.7	1.6	3.11	19.0	18.26	0.83	464	<5
83D13	2005	1133	11	308623	5850180	6		1.74	0.12	3.7	9.4	0.37	<1	0.07	0.08	24.2	17.4	56.62	3.2	0.9	3.87	281.5	17.59	0.59	508	36

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
83D13	2005	1091	11	301225	5866637	6		0.55	34.4	0.051	0.02	1.0	0.1	41	0.001	3.6	0.03	<0.02	0.02	8.7	0.005	<0.1	2.3	13	67.1
83D13	2005	1092	11	300770	5865402	6		0.38	47.3	0.061	0.01	1.4	0.2	45	0.001	8.2	0.07	0.06	<0.02	8.6	0.002	<0.1	2.8	10	77.3
83D13	2005	1093	11	301455	5863683	6		0.45	33.7	0.042	0.01	0.8	0.2	30	0.001	3.9	0.07	0.03	<0.02	7.8	0.002	<0.1	1.9	7	49.5
83D13	2005	1094	11	301653	5862484	6		0.69	43.3	0.050	0.02	0.9	0.2	43	0.001	5.4	0.08	0.02	<0.02	8.8	0.002	<0.1	2.2	10	60.3
83D13	2005	1095	11	301389	5861459	6		0.67	49.8	0.064	0.04	1.4	1.0	68	0.002	13.9	0.07	0.05	0.02	14.9	0.003	<0.1	11.5	12	68.9
83D13	2005	1096	11	302096	5860401	6		0.56	33.6	0.040	0.02	0.8	0.3	39	0.001	5.1	0.03	0.02	<0.02	10.2	0.002	<0.1	1.8	7	55.8
83D13	2005	1097	11	302163	5858564	6		0.38	55.0	0.088	0.03	1.6	0.1	34	0.002	16.0	0.11	<0.02	<0.02	11.6	0.003	<0.1	2.0	16	83.9
83D13	2005	1098	11	302553	5858057	6		0.59	26.1	0.066	0.02	0.8	0.2	37	0.001	6.7	0.06	0.04	0.03	10.9	0.006	<0.1	2.3	8	49.8
83D13	2005	1099	11	299300	5852667	6		0.31	65.0	0.117	0.01	1.3	0.2	94	0.001	25.2	0.54	0.04	0.02	19.1	0.002	<0.1	1.7	14	78.0
83D13	2005	1100	11	299469	5852828	6		0.91	40.1	0.127	0.02	1.1	0.3	53	0.001	19.2	<0.01	0.02	<0.02	14.3	0.005	0.4	2.3	13	56.6
83D12	2005	1102	11	325522	5821837	6		0.30	44.0	0.088	0.10	1.5	0.3	37	0.002	9.9	0.01	<0.02	0.12	10.3	0.027	<0.1	3.4	17	57.4
83D12	2005	1103	11	324253	5821698	6		0.89	51.0	0.074	0.14	2.1	0.9	48	0.003	21.0	0.05	<0.02	0.21	7.3	0.062	<0.1	4.6	27	75.3
83D12	2005	1104	11	323892	5820457	6		0.45	36.3	0.097	0.15	1.5	0.2	36	0.003	10.5	0.02	<0.02	0.16	7.9	0.051	<0.1	1.8	33	49.9
83D12	2005	1105	11	323017	5820544	6		0.36	52.7	0.086	0.06	1.8	0.2	54	0.002	7.7	<0.01	<0.02	0.11	10.9	0.022	<0.1	4.2	20	70.8
83D12	2005	1106	11	328826	5823949	6	10	0.22	30.8	0.085	0.10	1.4	0.1	26	0.002	13.9	0.03	<0.02	0.10	8.4	0.034	0.1	1.4	15	44.5
83D12	2005	1107	11	328826	5823949	6	20	0.27	29.1	0.074	0.09	1.4	0.2	24	0.002	12.1	0.03	<0.02	0.10	7.8	0.033	<0.1	1.3	15	42.1
83D06	2005	1108	11	332387	5809511	6		0.56	26.1	0.083	0.18	2.0	1.4	58	0.008	41.7	0.05	0.03	0.20	3.3	0.069	0.2	2.2	29	74.7
83D06	2005	1109	11	332314	5809379	6		0.73	31.7	0.072	0.41	1.6	0.2	44	0.016	212.1	0.22	0.04	0.30	8.9	0.083	1.1	1.3	18	44.5
83D06	2005	1110	11	332625	5812922	6		0.34	24.2	0.089	0.16	1.2	0.2	31	0.010	185.5	0.17	<0.02	0.13	7.6	0.040	1.2	1.1	12	33.8
83D06	2005	1111	11	332691	5812811	6		0.53	27.3	0.100	0.30	1.4	0.2	39	0.014	183.2	0.16	<0.02	0.21	8.9	0.068	8.9	1.3	15	33.5
83D11	2005	1112	11	331821	5820630	6		0.63	20.2	0.089	0.32	1.9	0.4	51	0.005	20.5	0.05	<0.02	0.19	6.5	0.085	<0.1	1.2	23	43.1
83D11	2005	1113	11	332132	5821824	6		0.23	21.8	0.083	0.10	1.1	0.2	24	0.003	110.1	0.03	<0.02	0.10	6.7	0.030	<0.1	1.0	11	30.6
83D05	2005	1115	11	329027	5818152	6		0.37	30.2	0.068	0.09	1.3	0.7	42	0.002	15.8	0.03	0.02	0.15	6.6	0.040	<0.1	4.4	16	46.8
83D05	2005	1116	11	327966	5816384	6		0.62	72.6	0.057	0.05	1.2	0.4	45	0.003	10.1	0.02	0.03	0.09	11.1	0.018	<0.1	3.5	12	68.1
83D05	2005	1117	11	327348	5816318	6		0.38	27.4	0.100	0.07	1.3	0.4	37	0.003	13.5	0.01	0.02	0.14	7.0	0.029	<0.1	2.2	13	45.2
83D05	2005	1118	11	327505	5816155	6		0.16	23.1	0.113	0.09	1.2	0.1	26	0.003	178.4	0.03	<0.02	0.10	8.0	0.026	<0.1	1.2	10	29.7
83D11	2005	1119	11	335672	5830234	6		0.44	27.9	0.079	0.31	2.2	0.5	38	0.004	15.2	0.01	0.02	0.21	5.4	0.990	<0.1	1.7	26	50.7
83D11	2005	1120	11	335250	5830342	6		0.28	20.8	0.081	0.26	1.4	0.2	31	0.004	12.8	0.02	<0.02	0.17	8.3	0.080	<0.1	1.5	15	37.8
83D06	2005	1122	11	330537	5818971	6		0.18	24.6	0.125	0.26	1.2	0.3	20	0.009	11.2	0.01	<0.02	0.16	6.8	0.056	<0.1	1.4	17	28.2
83D06	2005	1123	11	349009	5812463	6		0.57	29.2	0.058	0.01	0.7	0.3	32	0.001	5.9	0.04	0.02	<0.02	11.0	0.009	<0.1	1.6	6	42.9
83D06	2005	1124	11	345305	5807595	6		0.15	23.5	0.126	0.24	1.4	0.2	30	0.009	10.2	<0.01	<0.02	0.15	6.7	0.062	<0.1	1.3	15	26.8
83D06	2005	1125	11	339710	5805637	6		1.06	47.7	0.071	0.17	1.5	0.6	37	0.003	11.8	<0.01	0.03	0.18	7.7	0.051	<0.1	2.7	17	57.3
83D06	2005	1126	11	340060	5805245	6	10	0.78	23.6	0.055	0.26	2.2	0.5	38	0.009	14.8	0.01	<0.02	0.20	4.4	0.113	<0.1	1.0	24	44.7
83D06	2005	1127	11	340060	5805245	6	20	0.77	19.0	0.039	0.16	1.2	0.6	42	0.004	8.2	0.03	0.02	0.14	4.7	0.041	<0.1	1.0	11	32.7
83D12	2005	1128	11	310099	5846036	6		0.82	16.3	0.060	0.40	2.1	0.3	34	0.009	6.2	0.02	0.03	0.29	9.4	0.101	1.1	1.4	23	43.0
83D12	2005	1129	11	307606	5846782	6		0.37	43.5	0.057	0.01	1.2	0.2	42	0.001	10.0	0.05	0.06	<0.02	12.4	0.004	<0.1	2.5	12	67.0
83D13	2005	1130	11	305089	5849689	6		0.50	38.1	0.053	0.04	1.1	0.7	61	0.002	16.4	0.02	0.02	0.02	10.8	0.002	<0.1	5.2	12	63.2
83D13	2005	1131	11	304466	5851101	6		0.49	32.3	0.048	0.01	0.7	0.3	43	0.001	6.8	0.02	<0.02	<0.02	13.0	0.005	<0.1	2.6	6	39.9
83D13	2005	1132	11	303853	5851143	6		0.25	40.9	0.113	0.01	1.2	0.2	59	0.001	18.6	0.06	0.03	<0.02	11.7	0.003	<0.1	1.6	12	58.1
83D13	2005	1133	11	308623	5850180	6		1.42	39.3	0.073	0.02	1.2	1.3	105	0.001	5.3	0.06	<0.02	0.02	13.1	0.005	<0.1	3.8	11	64.1

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
83D13	2005	1134	11	309789	5851217	6		0.97	0.11	11.3	3.9	0.28	<1	0.03	0.16	14.8	18.0	52.77	2.3	1.1	2.74	27.3	13.41	0.55	241	7
83D12	2005	1135	11	325805	5843185	6		0.59	<0.02	<0.1	26.8	0.17	<1	0.02	0.35	13.1	4.8	19.51	1.7	0.4	1.01	38.3	2.38	0.32	80	<5
83D12	2005	1136	11	326255	5843031	6		1.44	0.03	<0.1	62.5	0.56	<1	0.03	0.38	27.2	11.4	58.58	4.2	2.3	2.70	73.0	5.99	0.85	161	<5
83D12	2005	1138	11	326082	5843172	6		0.85	<0.02	<0.1	42.9	0.18	<1	0.01	0.23	17.0	10.0	44.31	2.4	1.8	1.58	23.1	2.28	0.51	82	<5
83D12	2005	1139	11	325557	5846172	6		1.42	<0.02	0.2	94.8	0.32	<1	<0.01	0.29	33.3	14.3	75.14	4.3	1.5	2.30	42.2	3.42	0.92	106	<5
83D12	2005	1140	11	323867	5846556	6		1.07	0.02	0.1	52.2	0.30	<1	0.07	0.51	23.9	16.1	46.32	3.1	0.5	2.00	51.7	5.52	0.64	224	6
83D12	2005	1142	11	328007	5845731	6		1.47	0.02	<0.1	114.0	0.34	<1	0.04	0.35	30.6	11.6	54.40	4.7	4.1	2.62	30.2	4.69	0.90	193	<5
83D12	2005	1143	11	328354	5845040	6		1.16	0.02	0.5	72.7	0.35	1	0.03	0.50	25.6	14.0	89.50	3.6	0.8	2.33	63.9	4.02	0.71	158	<5
83D12	2005	1144	11	329467	5844441	6		1.39	0.02	0.6	164.3	0.25	1	0.04	0.70	44.9	17.9	61.50	4.5	2.0	2.46	42.8	3.96	0.86	266	<5
83D12	2005	1145	11	329674	5845098	6		1.05	0.02	0.3	91.4	0.23	1	0.10	0.33	26.1	16.7	20.85	3.2	41.5	1.72	31.4	4.08	0.42	313	17
83D11	2005	1147	11	333038	5844831	6		1.27	<0.02	<0.1	103.4	0.33	<1	0.08	0.28	22.0	8.7	36.10	3.9	0.5	1.85	32.2	4.83	0.67	144	<5
83D11	2005	1148	11	331700	5844313	6	10	1.44	<0.02	0.1	104.5	0.31	<1	0.02	0.21	30.3	12.1	36.95	4.3	0.3	2.41	43.9	4.26	0.90	143	<5
83D11	2005	1149	11	331700	5844313	6	20	1.44	<0.02	<0.1	102.0	0.32	<1	0.03	0.21	30.1	12.5	38.27	4.2	0.5	2.43	42.1	4.15	0.89	144	<5
83D11	2005	1150	11	331030	5839589	6		1.61	0.02	0.1	80.2	0.50	<1	0.04	0.30	33.2	13.0	70.83	5.2	12.9	2.65	80.4	5.82	1.00	132	8
83D11	2005	1151	11	331338	5839447	6		1.70	0.02	0.4	143.7	0.35	<1	0.06	0.47	50.3	21.7	54.99	5.2	1.4	2.83	27.3	4.19	1.05	266	7
83D11	2005	1152	11	331144	5839309	6		1.26	<0.02	<0.1	84.1	0.52	<1	0.01	0.21	27.4	10.8	50.42	3.8	0.5	2.28	43.8	3.74	0.78	114	<5
83D11	2005	1153	11	336088	5844566	6		0.24	<0.02	<0.1	17.1	0.07	1	0.03	0.13	6.0	1.2	4.32	0.8	0.3	0.30	8.2	0.86	0.11	24	5
83D11	2005	1154	11	334370	5845965	6		1.02	<0.02	<0.1	87.8	0.23	<1	0.08	0.14	16.2	8.2	21.97	3.0	<0.2	1.69	26.4	6.96	0.54	161	<5
83D11	2005	1155	11	336806	5838867	6		1.14	<0.02	<0.1	63.4	0.42	<1	0.04	0.41	23.5	10.3	97.22	3.8	2.7	2.00	83.1	4.09	0.69	87	<5
83D11	2005	1156	11	337094	5838882	6		1.10	0.03	0.2	72.2	0.23	1	0.06	0.30	31.4	34.0	30.67	3.4	0.4	1.75	28.0	3.71	0.55	325	5
83D11	2005	1157	11	340441	5845389	6		1.32	<0.02	<0.1	71.7	0.30	<1	0.05	0.25	32.7	27.4	48.95	3.9	1.3	2.09	35.6	4.79	0.66	274	6
83D11	2005	1158	11	340980	5845468	6		2.04	<0.02	<0.1	142.9	0.36	1	0.03	0.25	52.7	16.4	51.80	6.5	1.0	3.47	37.9	6.10	1.15	206	6
83D14	2005	1159	11	341021	5851597	6		1.22	0.02	0.3	87.3	0.25	<1	0.11	0.60	26.9	9.3	19.47	3.8	0.7	1.83	23.7	5.67	0.59	311	15
83D14	2005	1160	11	341508	5849396	6		0.79	0.10	0.4	40.0	0.21	1	0.09	0.27	13.9	7.6	11.64	2.5	<0.2	2.22	21.2	4.67	0.27	294	24
83D11	2005	1162	11	351212	5833468	6		1.35	0.02	0.3	77.3	0.27	1	0.13	0.25	31.8	12.6	30.71	4.4	1.0	2.19	28.5	7.35	0.60	351	18
83D11	2005	1163	11	345535	5832780	6		1.74	0.04	0.1	128.7	0.33	1	0.17	0.48	49.8	58.1	42.36	5.1	<0.2	3.21	119.4	6.61	0.84	887	23
83D11	2005	1164	11	346922	5833618	6		1.56	0.02	0.3	85.9	0.26	1	0.12	0.29	38.9	15.6	30.44	4.7	0.8	2.41	27.1	8.34	0.75	448	21
83D11	2005	1165	11	343256	5833600	6		1.47	<0.02	0.3	145.8	0.23	<1	0.04	0.62	33.2	10.5	29.94	4.6	0.4	2.69	33.9	4.65	0.80	218	<5
83D11	2005	1166	11	343284	5833173	6	10	1.64	0.02	0.2	87.8	0.29	1	0.05	0.29	35.2	9.5	26.01	5.0	0.5	3.10	46.5	6.13	0.88	152	18
83D11	2005	1167	11	343284	5833173	6	20	1.39	<0.02	0.3	78.9	0.23	<1	0.04	0.28	31.4	8.2	20.50	4.2	0.8	2.54	41.4	5.27	0.73	135	14
83D14	2005	1168	11	350554	5860364	6		1.00	0.05	6.5	24.4	0.23	1	0.07	0.33	16.0	10.3	20.04	2.7	0.6	2.22	29.3	12.49	0.43	403	6
83D14	2005	1169	11	350908	5860219	6		0.99	0.03	4.0	21.0	0.26	1	0.06	0.26	15.0	9.0	17.38	2.8	0.6	2.17	30.2	7.81	0.43	293	11
83D14	2005	1170	11	352816	5860888	6		1.13	0.06	13.3	30.5	0.28	1	0.09	0.30	19.7	12.1	25.11	3.3	1.4	2.56	32.4	12.07	0.52	502	15
83D14	2005	1171	11	354013	5862076	6		0.95	0.07	9.0	10.9	0.27	1	0.07	0.17	12.5	11.4	19.81	2.4	109.0	2.47	19.6	12.28	0.41	463	11
83D14	2005	1172	11	354335	5865745	6		0.91	0.07	11.8	14.5	0.36	<1	0.09	0.27	10.5	11.8	23.06	2.3	3.2	2.45	18.7	14.67	0.39	481	9
83D14	2005	1173	11	354272	5865939	6		1.08	0.07	10.7	14.7	0.38	<1	0.09	0.19	15.3	12.1	22.28	2.8	1.8	2.73	21.2	14.99	0.46	409	19
83D14	2005	1174	11	356250	5860522	6		1.00	0.05	9.5	18.8	0.26	<1	0.04	0.26	15.2	11.1	22.68	2.8	0.9	2.18	35.0	9.14	0.46	284	<5
83D14	2005	1175	11	358525	5863005	6		0.99	0.09	13.8	12.3	0.45	1	0.14	0.19	14.3	12.8	30.02	2.4	2.4	2.78	14.0	16.76	0.42	514	7
83D14	2005	1176	11	358279	5862431	6		1.64	0.05	16.5	23.6	0.45	1	0.12	0.19	25.2	17.8	33.19	4.6	0.9	3.79	37.0	13.19	0.75	999	20
83D14	2005	1177	11	361214	5855959	6		1.76	0.02	5.1	28.8	0.19	<1	0.04	0.22	31.2	14.3	27.63	5.1	1.1	3.12	23.0	5.61	0.96	221	<5

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
83D13	2005	1134	11	309789	5851217	6		0.65	33.3	0.075	0.01	0.7	0.3	61	0.001	6.9	0.31	<0.02	<0.02	12.8	0.005	<0.1	2.9	7	44.5
83D12	2005	1135	11	325805	5843185	6		0.21	11.4	0.138	0.24	1.1	0.4	29	0.008	6.3	<0.01	<0.02	0.15	15.9	0.051	<0.1	3.4	11	23.5
83D12	2005	1136	11	326255	5843031	6		0.54	21.5	0.189	0.68	2.1	0.3	104	0.017	4.9	0.12	0.04	0.34	28.0	0.119	0.2	4.7	26	57.4
83D12	2005	1138	11	326082	5843172	6		0.28	23.4	0.078	0.43	1.1	0.1	35	0.012	5.1	0.17	0.02	0.25	11.0	0.074	<0.1	1.8	16	35.1
83D12	2005	1139	11	325557	5846172	6		0.57	34.0	0.141	0.78	2.1	0.2	64	0.026	13.2	0.13	0.03	0.41	16.8	0.126	<0.1	2.4	28	46.3
83D12	2005	1140	11	323867	5846556	6		0.37	34.1	0.197	0.40	1.6	0.2	52	0.012	27.6	0.05	0.02	0.25	20.8	0.089	<0.1	3.7	20	47.7
83D12	2005	1142	11	328007	5845731	6		1.00	22.3	0.145	0.76	2.5	0.6	47	0.023	14.1	0.17	0.07	0.34	11.2	0.156	<0.1	1.9	32	48.1
83D12	2005	1143	11	328354	5845040	6		0.99	28.9	0.227	0.56	2.0	0.3	70	0.016	13.5	0.21	0.03	0.26	26.0	0.990	<0.1	4.2	23	46.2
83D12	2005	1144	11	329467	5844441	6		1.36	39.2	0.294	0.70	3.2	0.3	41	0.020	26.6	0.04	0.02	0.31	17.6	0.157	0.1	2.4	36	45.6
83D12	2005	1145	11	329674	5845098	6		0.86	33.6	0.114	0.30	2.0	0.9	63	0.010	14.9	0.05	<0.02	0.21	7.2	0.092	<0.1	1.5	22	43.5
83D11	2005	1147	11	333038	5844831	6		0.72	15.3	0.122	0.54	2.1	0.7	35	0.015	7.9	0.03	0.03	0.27	10.2	0.127	<0.1	1.9	27	45.3
83D11	2005	1148	11	331700	5844313	6	10	0.47	23.5	0.990	0.73	2.0	0.3	41	0.017	6.8	0.05	0.03	0.41	14.7	0.128	0.1	2.4	26	62.8
83D11	2005	1149	11	331700	5844313	6	20	0.50	24.2	0.101	0.72	1.9	0.2	45	0.017	6.8	0.07	<0.02	0.39	14.4	0.125	<0.1	2.3	27	63.7
83D11	2005	1150	11	331030	5839589	6		0.71	23.6	0.155	0.80	2.4	0.4	91	0.024	5.4	0.06	0.02	0.41	24.4	0.141	<0.1	4.4	30	70.2
83D11	2005	1151	11	331338	5839447	6		0.93	47.7	0.188	0.79	3.1	0.5	54	0.026	15.3	0.03	0.02	0.40	8.9	0.166	0.2	1.6	40	67.3
83D11	2005	1152	11	331144	5839309	6		0.45	23.8	0.104	0.65	1.8	0.3	48	0.015	5.3	0.12	0.02	0.36	16.3	0.112	<0.1	2.3	23	55.8
83D11	2005	1153	11	336088	5844566	6		0.05	9.3	0.036	0.08	0.5	0.5	39	0.003	5.4	0.09	<0.02	0.04	1.9	0.024	<0.1	0.6	4	10.3
83D11	2005	1154	11	334370	5845965	6		0.51	14.8	0.063	0.33	1.6	0.6	35	0.008	10.5	0.02	0.10	0.16	7.8	0.102	<0.1	1.3	20	31.5
83D11	2005	1155	11	336806	5838867	6		1.09	24.2	0.200	0.64	2.1	0.4	60	0.015	5.7	0.23	<0.02	0.25	39.3	0.115	<0.1	5.6	23	42.9
83D11	2005	1156	11	337094	5838882	6		0.41	33.6	0.128	0.43	2.1	0.3	29	0.012	9.3	0.05	<0.02	0.20	7.6	0.120	<0.1	1.4	24	49.1
83D11	2005	1157	11	340441	5845389	6		0.37	39.3	0.117	0.52	2.2	0.4	49	0.016	7.2	0.04	0.03	0.26	9.6	0.124	<0.1	1.7	26	73.5
83D11	2005	1158	11	340980	5845468	6		0.70	32.1	0.112	0.95	3.4	0.5	60	0.028	11.9	0.12	0.05	0.46	9.8	0.201	<0.1	1.8	44	80.8
83D14	2005	1159	11	341021	5851597	6		0.54	21.8	0.205	0.29	2.0	1.0	53	0.007	13.4	0.04	0.02	0.20	5.3	0.105	0.2	2.9	27	43.9
83D14	2005	1160	11	341508	5849396	6		0.41	12.7	0.112	0.15	1.2	0.4	42	0.005	9.6	0.04	0.02	0.14	4.7	0.053	0.3	1.3	15	28.2
83D11	2005	1162	11	351212	5833468	6		0.51	31.9	0.092	0.36	2.5	0.8	55	0.011	11.1	0.04	0.02	0.24	6.3	0.114	<0.1	1.6	26	66.4
83D11	2005	1163	11	345535	5832780	6		1.51	79.4	0.157	0.47	3.4	1.7	66	0.015	20.0	0.08	0.04	0.38	7.8	0.133	<0.1	2.7	41	139.5
83D11	2005	1164	11	346922	5833618	6		0.67	40.9	0.100	0.41	2.7	0.9	60	0.013	11.4	0.05	0.04	0.27	6.0	0.132	<0.1	1.5	34	64.3
83D11	2005	1165	11	343256	5833600	6		0.89	22.5	0.231	0.50	2.8	0.4	35	0.014	24.2	0.10	0.02	0.20	10.7	0.136	<0.1	1.7	40	47.1
83D11	2005	1166	11	343284	5833173	6	10	0.70	20.3	0.119	0.55	2.6	0.6	37	0.015	10.0	0.06	<0.02	0.28	12.1	0.135	<0.1	2.4	36	53.4
83D11	2005	1167	11	343284	5833173	6	20	0.61	17.5	0.116	0.45	2.1	0.6	33	0.012	9.1	0.04	0.02	0.24	10.7	0.120	<0.1	2.2	29	44.2
83D14	2005	1168	11	350554	5860364	6		0.24	23.6	0.084	0.12	1.0	0.7	38	0.002	16.9	0.03	<0.02	0.19	10.5	0.052	<0.1	4.2	9	54.8
83D14	2005	1169	11	350908	5860219	6		0.26	23.5	0.071	0.08	1.2	0.4	31	0.001	13.4	<0.01	<0.02	0.12	10.6	0.038	<0.1	2.1	7	53.2
83D14	2005	1170	11	352816	5860888	6		0.32	35.0	0.084	0.15	1.1	0.6	35	0.002	27.3	0.02	0.02	0.23	11.0	0.053	<0.1	7.8	11	73.0
83D14	2005	1171	11	354013	5862076	6		0.22	23.4	0.070	0.02	1.0	0.2	30	0.001	13.8	0.02	0.02	0.02	10.9	0.005	<0.1	2.7	5	58.0
83D14	2005	1172	11	354335	5865745	6		0.22	22.5	0.101	0.04	1.2	0.3	28	0.001	16.8	<0.01	0.04	0.02	11.1	0.004	<0.1	3.4	4	57.7
83D14	2005	1173	11	354272	5865939	6		0.28	25.9	0.089	0.02	1.2	0.2	33	0.001	13.6	<0.01	0.04	0.04	10.5	0.004	<0.1	3.7	5	65.2
83D14	2005	1174	11	356250	5860522	6		0.21	26.3	0.119	0.10	1.0	0.2	24	0.001	17.5	0.01	0.02	0.16	15.9	0.047	<0.1	3.3	7	59.3
83D14	2005	1175	11	358525	5863005	6		0.27	28.8	0.078	0.02	1.1	0.3	52	0.001	19.4	0.01	0.03	0.02	7.3	0.003	<0.1	4.1	5	64.0
83D14	2005	1176	11	358279	5862431	6		0.39	48.1	0.088	0.04	1.6	0.5	49	0.002	9.2	0.02	0.02	0.05	11.9	0.010	<0.1	3.9	12	95.0
83D14	2005	1177	11	361214	5855959	6		0.18	36.8	0.092	0.20	1.9	<0.1	33	0.003	6.6	<0.01	0.02	0.20	11.6	0.054	<0.1	1.9	17	81.3

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
83D14	2005	1179	11	361195	5856244	6		1.46	0.08	0.8	17.2	0.57	<1	0.27	0.20	21.6	21.2	42.20	4.2	2.0	3.52	83.6	8.24	0.71	1033	15
83D14	2005	1180	11	358105	5853246	6		1.60	0.03	2.5	17.7	0.47	1	0.08	0.27	25.5	22.1	33.55	4.7	5.6	3.70	65.2	6.50	0.83	437	10
83D14	2005	1182	11	357579	5853244	6		1.13	0.04	3.6	15.2	0.30	1	0.07	0.29	16.7	11.6	20.82	3.1	3.9	2.60	32.2	5.88	0.55	346	<5
83D14	2005	1183	11	362084	5848132	6		1.11	0.05	1.3	26.8	0.25	<1	0.07	0.33	17.6	14.0	24.06	3.2	2.7	2.52	33.8	7.20	0.59	300	11
83D15	2005	1184	11	366395	5855023	6		1.40	0.18	0.7	15.5	0.53	1	0.08	0.11	20.6	16.4	36.01	4.0	1.4	3.28	47.0	11.71	0.67	567	17
83D15	2005	1185	11	367145	5854860	6	10	1.19	0.05	1.1	9.4	0.45	<1	0.03	0.08	15.6	9.1	43.14	3.1	23.8	2.74	23.6	5.37	0.50	266	10
83D15	2005	1186	11	367145	5854860	6	20	1.20	0.06	1.1	8.9	0.42	<1	0.03	0.08	15.8	8.9	40.79	2.9	1.5	2.81	23.1	5.34	0.51	267	<5
83D15	2005	1187	11	368430	5855523	6		1.89	0.03	<0.1	6.0	0.45	1	0.04	0.05	18.7	15.6	61.67	3.6	0.2	3.48	52.7	8.79	0.59	558	11
83D15	2005	1188	11	367289	5855689	6		1.52	0.09	6.6	20.5	0.43	1	0.15	0.19	22.1	15.3	26.78	4.3	107.1	3.26	35.2	12.55	0.68	649	10
83D15	2005	1189	11	369003	5847892	6		1.22	0.03	1.1	10.2	0.28	<1	0.03	0.08	14.8	10.5	31.27	2.8	2.0	2.21	54.6	4.27	0.49	291	7
83D15	2005	1190	11	370154	5847813	6		0.85	0.02	2.5	13.8	0.23	<1	0.06	0.18	12.4	9.4	29.42	2.2	1.2	1.70	32.3	3.79	0.44	130	<5
83D15	2005	1191	11	372969	5848838	6		0.61	0.02	<0.1	6.8	0.33	<1	0.05	0.14	7.4	8.5	37.84	1.7	0.9	1.84	26.0	4.12	0.30	146	<5
83D15	2005	1192	11	371723	5850499	6		1.98	0.05	0.1	8.8	0.44	1	0.02	0.06	15.5	22.0	56.81	3.4	<0.2	2.77	132.9	7.24	0.46	715	47
83D10	2005	1193	11	372358	5844223	6		0.79	0.03	0.3	9.3	0.42	<1	0.23	0.16	10.5	20.0	28.94	2.0	1.0	1.97	56.6	7.48	0.37	437	17
83D10	2005	1194	11	372715	5843632	6		1.32	0.03	7.3	9.7	0.33	1	0.04	0.26	21.3	16.4	51.88	3.8	2.5	2.38	50.5	4.75	0.75	180	6
83D10	2005	1196	11	365545	5839139	6		1.60	0.09	3.6	54.1	0.36	2	0.41	0.25	17.6	100.0	52.97	3.6	2.9	2.80	142.5	12.43	0.46	2209	58
83D10	2005	1197	11	366494	5837473	6		1.46	0.04	1.5	57.6	0.38	<1	0.03	0.22	23.4	15.3	52.79	4.4	0.8	2.68	63.8	4.78	0.88	224	8
83D10	2005	1198	11	370013	5835356	6		1.20	0.07	0.6	13.0	0.40	<1	0.19	0.15	15.6	16.6	41.04	3.2	1.0	2.72	48.0	8.90	0.66	385	10
83D10	2005	1199	11	369953	5834740	6		1.21	0.03	0.8	24.5	0.40	<1	0.04	0.12	15.8	7.8	40.30	3.0	1.4	2.38	39.8	4.33	0.53	159	10
83D10	2005	1200	11	377673	5840816	6		1.22	0.05	1.0	9.0	0.41	<1	0.17	0.18	14.2	27.7	45.46	2.9	0.2	2.63	117.7	8.98	0.54	489	8
83D10	2005	1202	11	377681	5841179	6	10	0.96	0.09	0.1	5.9	0.40	1	0.23	0.29	12.1	12.2	45.52	2.5	0.8	2.57	31.9	9.98	0.58	374	<5
83D10	2005	1203	11	377681	5841179	6	20	0.90	0.07	<0.1	4.8	0.43	<1	0.20	0.28	11.6	11.7	42.30	2.3	<0.2	2.45	27.3	9.33	0.56	355	<5
83D10	2005	1204	11	380576	5839039	6		1.06	0.04	<0.1	3.9	0.49	<1	0.01	0.04	18.0	3.3	24.63	3.3	0.4	3.33	20.0	2.89	0.56	148	6
83D10	2005	1205	11	380498	5838492	6		0.95	0.06	0.5	4.5	0.50	<1	0.03	0.03	15.4	4.3	30.47	2.9	3.4	3.25	15.0	3.38	0.47	121	10
83D10	2005	1206	11	383077	5834832	6		1.33	0.02	0.1	8.4	0.39	<1	0.07	0.19	18.9	17.5	46.43	3.4	<0.2	2.64	68.5	7.26	0.67	367	7
83D10	2005	1207	11	382943	5834427	6		0.91	0.02	0.7	5.3	0.46	<1	0.05	0.17	12.3	13.7	49.16	2.5	0.4	2.21	36.5	5.18	0.45	240	<5
83D10	2005	1209	11	393405	5834285	6		0.83	0.04	1.2	6.3	0.45	<1	0.08	0.84	11.2	14.5	63.06	2.3	5.0	2.35	32.1	9.07	0.50	416	<5
83D10	2005	1210	11	393743	5834169	6		1.20	0.16	20.4	6.9	0.46	<1	0.08	0.08	13.6	13.6	54.66	2.2	106.7	2.98	61.8	8.18	0.35	289	7
83D10	2005	1211	11	392825	5831835	6		0.90	0.19	2.6	7.5	0.60	<1	0.20	0.44	11.3	41.8	68.69	2.3	10.8	2.76	103.8	10.17	0.48	910	5
83D10	2005	1212	11	392029	5830505	6		1.06	0.02	0.1	18.0	0.38	1	0.16	0.30	17.8	12.3	30.09	2.8	0.4	2.48	25.5	8.69	0.51	430	<5
83D10	2005	1213	11	390482	5828215	6		1.25	0.02	0.2	10.5	0.38	<1	0.03	0.17	17.1	12.9	36.29	3.5	<0.2	2.65	33.8	5.93	0.61	236	<5
83D10	2005	1214	11	388604	5826023	6		1.15	0.05	2.2	12.1	0.40	<1	0.05	0.16	14.7	20.2	50.55	2.8	21.7	2.32	59.2	5.49	0.47	298	11
83D10	2005	1215	11	391286	5828537	6		0.75	0.20	1.4	9.5	0.36	<1	0.16	0.61	10.4	12.3	34.16	1.9	0.9	2.49	22.1	14.94	0.53	418	<5
83D10	2005	1216	11	385322	5826044	6		1.13	0.03	0.9	19.7	0.41	<1	0.03	0.25	15.5	14.5	65.32	2.9	1.2	2.24	50.2	4.31	0.56	177	<5
83D10	2005	1217	11	387772	5827444	6		1.10	0.04	0.6	14.7	0.54	1	0.14	0.35	16.9	17.2	41.61	3.0	0.6	2.52	32.6	10.32	0.54	287	18
83D10	2005	1218	11	386018	5819741	6		1.45	0.04	0.8	40.5	0.24	1	0.23	0.27	14.4	37.6	52.11	2.5	0.5	1.59	123.6	8.09	0.38	1147	25
83D10	2005	1219	11	386046	5818716	6		1.30	0.02	0.9	75.6	0.47	<1	0.10	0.43	23.8	27.2	77.08	3.8	1.3	3.41	64.2	6.02	0.80	201	<5
83D10	2005	1220	11	385387	5819373	6		1.14	0.02	0.1	36.3	0.24	1	0.11	0.27	18.4	37.4	26.13	3.2	0.6	1.79	76.7	4.32	0.57	401	10
83D10	2005	1222	11	386614	5818884	6		1.14	0.03	4.0	19.4	0.27	<1	0.18	0.24	15.4	65.4	39.26	2.8	2.4	2.21	73.3	4.49	0.50	812	8
83D07	2005	1223	11	387409	5815623	6		1.11	<0.02	0.7	92.5	0.10	<1	0.07	0.57	24.6	9.9	20.84	4.0	<0.2	2.04	22.3	7.76	0.63	358	<5

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
83D14	2005	1179	11	361195	5856244	6		0.60	65.7	0.066	0.02	1.6	0.8	65	0.002	4.9	0.03	0.04	0.03	15.0	0.005	<0.1	5.3	10	93.3
83D14	2005	1180	11	358105	5853246	6		0.64	62.4	0.095	0.04	1.8	0.3	54	0.003	10.0	0.02	0.02	0.04	16.9	0.009	<0.1	2.6	14	101.8
83D14	2005	1182	11	357579	5853244	6		0.28	26.9	0.100	0.05	1.3	0.5	31	0.002	13.0	0.01	0.02	0.08	12.4	0.020	<0.1	2.7	10	62.9
83D14	2005	1183	11	362084	5848132	6		0.62	37.7	0.108	0.11	1.8	0.5	52	0.004	11.5	0.02	<0.02	0.11	10.8	0.027	0.2	1.8	15	53.8
83D15	2005	1184	11	366395	5855023	6		0.58	29.1	0.055	0.02	1.4	0.4	82	0.002	3.6	0.01	0.03	0.02	12.6	0.004	<0.1	2.7	11	72.4
83D15	2005	1185	11	367145	5854860	6	10	0.55	16.6	0.048	0.03	1.7	0.2	79	0.001	2.3	0.12	0.02	0.02	14.8	0.014	<0.1	4.3	9	55.0
83D15	2005	1186	11	367145	5854860	6	20	0.55	15.4	0.050	0.02	1.7	0.2	66	0.001	2.2	0.11	0.02	0.02	14.2	0.014	<0.1	4.3	9	52.6
83D15	2005	1187	11	368430	5855523	6		0.63	19.6	0.040	0.02	1.6	0.5	122	0.001	1.2	0.09	0.03	<0.02	16.0	0.004	0.1	8.4	10	71.7
83D15	2005	1188	11	367289	5855689	6		0.35	35.7	0.079	0.03	1.6	0.5	62	0.002	7.6	0.02	0.04	0.03	12.9	0.006	0.1	4.5	11	89.2
83D15	2005	1189	11	369003	5847892	6		0.33	15.7	0.048	0.03	1.6	0.4	42	0.001	2.4	0.03	<0.02	0.05	10.4	0.018	<0.1	3.2	10	51.3
83D15	2005	1190	11	370154	5847813	6		0.23	22.7	0.090	0.07	1.4	0.1	24	0.002	4.0	0.01	0.03	0.09	11.3	0.027	<0.1	2.4	7	45.9
83D15	2005	1191	11	372969	5848838	6		0.54	19.0	0.060	0.03	0.7	0.2	45	0.001	5.3	0.29	0.02	0.04	12.6	0.011	<0.1	2.3	5	34.0
83D15	2005	1192	11	371723	5850499	6		0.89	15.9	0.052	0.02	1.4	1.1	141	0.002	1.7	0.09	0.02	0.02	12.7	0.010	<0.1	7.3	9	54.5
83D10	2005	1193	11	372358	5844223	6		0.72	40.2	0.070	0.03	1.1	0.8	67	0.001	7.7	<0.01	0.02	0.06	9.6	0.011	<0.1	6.5	6	63.5
83D10	2005	1194	11	372715	5843632	6		0.35	38.3	0.130	0.05	1.3	0.2	49	0.002	4.0	<0.01	0.02	0.06	15.5	0.016	<0.1	4.0	9	78.9
83D10	2005	1196	11	365545	5839139	6		1.17	97.3	0.077	0.16	1.9	1.5	112	0.006	10.2	0.07	<0.02	0.46	3.6	0.035	<0.1	4.8	16	80.1
83D10	2005	1197	11	366494	5837473	6		0.52	24.5	0.109	0.50	1.9	0.4	37	0.009	4.2	0.07	0.04	0.45	16.8	0.084	<0.1	3.3	19	37.2
83D10	2005	1198	11	370013	5835356	6		1.06	31.9	0.063	0.07	1.3	0.5	60	0.002	6.1	0.02	0.02	0.10	11.5	0.022	<0.1	3.5	10	70.9
83D10	2005	1199	11	369953	5834740	6		2.87	12.5	0.063	0.21	2.0	0.3	52	0.005	2.6	0.06	0.02	0.21	13.3	0.044	0.2	4.4	13	39.1
83D10	2005	1200	11	377673	5840816	6		0.62	47.3	0.085	0.05	1.3	0.6	65	0.001	7.8	0.03	0.04	0.08	12.5	0.022	<0.1	4.6	9	85.3
83D10	2005	1202	11	377681	5841179	6	10	1.06	27.2	0.083	0.02	1.0	0.4	61	0.001	10.9	0.02	0.04	0.03	12.6	0.010	<0.1	3.4	6	58.7
83D10	2005	1203	11	377681	5841179	6	20	0.97	26.7	0.076	0.02	0.9	0.4	52	0.001	10.3	0.03	0.05	0.03	11.2	0.009	<0.1	2.9	6	56.8
83D10	2005	1204	11	380576	5839039	6		0.57	5.0	0.040	0.02	2.4	0.2	39	0.002	0.9	0.03	<0.02	<0.02	19.2	0.011	<0.1	2.5	9	53.1
83D10	2005	1205	11	380498	5838492	6		0.54	6.9	0.038	0.02	2.1	0.3	67	0.001	1.0	0.06	0.02	<0.02	16.5	0.012	<0.1	3.0	8	45.8
83D10	2005	1206	11	383077	5834832	6		0.16	37.3	0.086	0.05	1.5	0.3	44	0.001	7.1	<0.01	0.06	0.06	10.8	0.019	<0.1	2.5	10	73.9
83D10	2005	1207	11	382943	5834427	6		0.23	29.6	0.074	0.03	1.1	0.2	45	0.001	5.5	0.14	0.02	0.02	16.0	0.012	<0.1	3.0	5	57.6
83D10	2005	1209	11	393405	5834285	6		0.21	32.1	0.157	0.02	1.0	0.3	51	0.001	30.1	0.17	0.04	<0.02	21.2	0.008	<0.1	3.2	5	49.8
83D10	2005	1210	11	393743	5834169	6		0.53	26.0	0.050	0.02	1.6	0.4	92	0.001	2.8	0.10	0.02	0.02	18.9	0.008	<0.1	6.2	6	56.5
83D10	2005	1211	11	392825	5831835	6		0.55	97.5	0.109	0.02	1.1	0.4	70	0.001	17.9	0.13	0.03	0.03	15.9	0.008	<0.1	4.3	5	93.9
83D10	2005	1212	11	392029	5830505	6		0.24	34.5	0.980	0.08	1.3	0.6	51	0.002	16.2	0.01	0.02	0.16	10.4	0.044	<0.1	3.5	9	61.1
83D10	2005	1213	11	390482	5828215	6		0.19	25.3	0.077	0.07	1.2	0.1	47	0.001	3.9	<0.01	0.02	0.12	12.7	0.029	<0.1	2.2	11	68.8
83D10	2005	1214	11	388604	5826023	6		0.37	26.0	0.082	0.05	1.4	0.4	36	0.002	4.2	0.02	0.02	0.06	16.0	0.024	<0.1	4.0	8	59.1
83D10	2005	1215	11	391286	5828537	6		0.26	30.7	0.097	0.04	0.9	0.3	53	0.001	26.0	0.01	<0.02	0.06	10.7	0.020	<0.1	2.1	6	54.0
83D10	2005	1216	11	385322	5826044	6		0.43	24.0	0.126	0.13	1.3	0.4	58	0.004	4.8	0.03	0.04	0.13	17.9	0.031	<0.1	5.1	8	59.2
83D10	2005	1217	11	387772	5827444	6		0.44	42.3	0.087	0.08	1.3	1.5	90	0.002	15.1	0.03	0.05	0.15	7.3	0.034	<0.1	4.0	11	72.1
83D10	2005	1218	11	386018	5819741	6		0.41	53.3	0.114	0.16	1.3	1.1	57	0.004	7.8	0.01	0.03	0.28	8.9	0.055	<0.1	6.3	11	80.1
83D10	2005	1219	11	386046	5818716	6		1.28	66.4	0.144	0.50	2.1	0.6	99	0.014	13.4	0.29	0.03	0.42	20.2	0.088	<0.1	6.4	22	28.7
83D10	2005	1220	11	385387	5819373	6		0.30	55.2	0.085	0.16	1.1	0.5	53	0.008	8.7	0.04	0.02	0.27	8.1	0.042	<0.1	3.1	13	73.6
83D10	2005	1222	11	386614	5818884	6		0.33	75.5	0.097	0.06	1.2	0.8	39	0.002	5.3	0.02	<0.02	0.11	10.2	0.026	<0.1	3.5	9	91.4
83D07	2005	1223	11	387409	5815623	6		0.55	17.1	0.198	0.48	2.4	0.3	47	0.008	14.6	<0.01	<0.02	0.37	10.7	0.131	<0.1	3.6	25	48.3

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
83D07	2005	1224	11	387100	5815989	6		2.10	0.02	0.5	219.2	0.11	<1	0.13	0.84	52.3	17.7	47.41	8.5	<0.2	3.72	17.2	11.33	1.35	562	<5
83D07	2005	1225	11	392234	5816847	6		1.13	0.02	0.5	27.6	0.22	1	0.03	0.26	15.8	14.5	24.66	3.3	1.1	2.22	37.0	7.55	0.57	175	<5
83D10	2005	1226	11	394098	5819145	6		1.08	0.08	6.2	7.8	0.32	<1	0.07	0.45	14.7	14.8	47.41	3.1	0.7	2.40	49.4	6.13	0.58	455	<5
83D10	2005	1227	11	394261	5819798	6		1.67	0.10	<0.1	7.6	0.52	1	0.02	0.02	20.2	3.9	50.82	5.1	0.3	3.50	55.8	6.86	0.67	238	34
83D10	2005	1228	11	394057	5820046	6	10	0.82	0.21	1.1	9.4	0.32	<1	0.10	0.49	11.9	11.1	33.56	2.3	0.5	2.40	23.1	12.27	0.53	383	<5
83D10	2005	1229	11	394057	5820046	6	20	0.97	0.19	1.1	11.2	0.33	1	0.11	0.45	13.8	11.7	32.37	2.6	0.4	2.64	20.4	12.67	0.60	408	<5
83D08	2005	1230	11	403888	5813618	6		1.64	0.08	7.9	29.4	0.31	<1	0.07	0.27	23.9	17.8	28.04	4.6	0.9	3.38	33.6	23.21	0.77	556	11
83D08	2005	1231	11	403463	5814249	6		1.44	0.07	6.2	17.3	0.32	1	0.14	0.25	20.3	16.7	29.26	4.0	0.7	3.16	36.1	15.47	0.70	537	7
83D08	2005	1232	11	402926	5816777	6		1.11	0.10	5.7	9.4	0.41	<1	0.10	0.15	15.4	17.6	44.87	3.0	154.4	2.84	66.3	9.49	0.49	340	<5
83D09	2005	1234	11	400591	5819739	6		1.12	0.20	18.6	13.3	0.45	<1	0.15	0.18	16.5	31.2	54.84	2.9	1.3	2.68	56.8	11.49	0.46	589	13
83D09	2005	1235	11	399943	5820274	6		0.91	0.07	3.9	6.8	0.40	<1	0.07	0.12	11.4	11.4	33.70	2.6	0.5	2.96	38.6	10.12	0.44	267	<5
83D09	2005	1236	11	399819	5820025	6		1.28	0.16	7.7	5.0	0.50	1	0.07	0.09	17.6	18.9	54.79	3.7	72.3	3.11	74.3	6.32	0.58	451	6
83D09	2005	1237	11	405310	5817805	6		1.49	0.16	13.6	21.0	0.48	1	0.08	0.22	20.1	18.3	31.77	4.4	1.6	3.50	32.9	27.31	0.71	505	7
83D09	2005	1238	11	405324	5817954	6		1.14	0.14	11.7	21.6	0.39	1	0.13	0.17	14.7	16.6	32.94	3.2	0.2	2.75	60.3	20.75	0.44	703	13
83D07	2005	1239	11	397683	5812613	6		0.77	0.03	3.7	6.1	0.39	<1	0.09	0.81	13.3	9.6	23.65	2.4	24.8	1.95	30.0	5.07	0.66	862	<5
83D08	2005	1240	11	402864	5805514	6		0.98	0.03	1.9	14.3	0.23	<1	0.05	0.29	15.1	9.7	19.69	2.9	0.3	2.23	21.8	9.93	0.46	280	7
83D08	2005	1242	11	406504	5807748	6		1.22	0.06	5.8	11.2	0.23	<1	0.07	0.23	17.8	13.0	21.92	3.5	<0.2	2.60	24.5	13.96	0.61	417	11
83D08	2005	1243	11	401912	5803044	6		0.55	0.03	0.9	26.3	0.18	<1	0.08	0.52	8.5	12.1	20.91	1.5	0.4	1.75	33.9	6.22	0.46	333	<5
83D08	2005	1244	11	402146	5803083	6		1.15	0.02	1.9	10.9	0.32	<1	0.05	0.25	17.3	13.2	38.42	3.6	<0.2	2.71	23.1	7.96	0.57	356	<5
83D08	2005	1245	11	408462	5808670	6	10	1.36	0.11	9.9	32.8	0.27	1	0.06	0.16	21.9	13.0	22.98	4.2	0.5	2.86	21.2	17.65	0.63	444	6
83D08	2005	1246	11	408462	5808670	6	20	1.64	0.12	12.1	47.0	0.31	1	0.09	0.19	26.2	15.5	24.86	4.9	5.1	3.39	24.2	21.74	0.76	563	10
83D08	2005	1247	11	410582	5811036	6		1.62	0.14	15.5	13.5	0.34	<1	0.08	0.16	27.2	15.6	28.31	5.3	2.4	3.45	24.7	21.03	0.78	499	<5
83D07	2005	1248	11	385308	5808325	6		0.78	0.02	1.4	47.7	0.06	1	0.07	0.43	13.3	6.4	9.68	3.9	<0.2	1.69	21.3	4.34	0.32	376	7
83D07	2005	1249	11	386713	5806231	6		1.12	0.03	3.3	101.4	0.07	1	0.07	0.54	21.1	8.6	14.34	5.4	0.2	2.30	17.5	4.15	0.46	682	15
83D07	2005	1250	11	391957	5799472	6		1.57	0.06	5.2	103.1	0.23	2	0.18	0.51	28.9	13.5	21.29	5.3	0.5	2.61	26.0	7.44	0.82	549	25
83D07	2005	1251	11	395073	5794519	6		0.33	0.03	2.1	13.7	0.10	<1	0.01	3.35	5.2	5.8	7.09	0.9	<0.2	1.08	13.3	3.07	1.40	401	<5
83D07	2005	1252	11	396513	5797608	6		0.32	0.02	3.0	15.9	0.10	1	0.01	3.94	6.1	8.0	8.94	0.9	8.2	1.33	17.2	3.57	1.60	488	<5
83D07	2005	1253	11	396914	5797325	1		1.24	0.12	5.1	58.4	0.27	1	0.07	1.46	21.8	25.8	39.08	4.0	1.3	2.96	39.9	13.36	0.88	605	10
83D08	2005	1254	11	397629	5791673	6		0.66	0.06	2.1	12.6	0.14	<1	0.04	4.31	10.1	9.1	14.26	1.8	<0.2	1.61	17.6	5.75	1.00	299	<5
83D08	2005	1255	11	399655	5793092	6		2.96	0.06	1.3	51.3	0.22	1	0.08	6.45	59.9	24.0	24.82	8.1	<0.2	3.82	17.0	13.96	2.33	1308	11
83D08	2005	1256	11	402355	5794791	6		0.43	0.03	2.4	25.3	0.12	<1	0.05	1.02	6.5	8.5	9.62	1.2	<0.2	1.29	21.9	7.26	0.66	371	<5
83D08	2005	1258	11	404420	5795664	6		0.60	0.03	1.0	14.7	0.23	1	0.03	1.66	9.8	13.3	25.15	1.8	0.7	1.96	31.2	3.78	1.17	425	<5
83D08	2005	1259	11	404073	5796129	6		0.20	<0.02	0.2	10.7	0.07	<1	0.01	0.84	2.5	5.2	7.95	0.5	<0.2	0.75	13.7	1.95	0.49	216	<5
83D08	2005	1260	11	408049	5798091	6		1.27	0.04	4.6	10.8	0.31	<1	0.05	0.20	19.2	13.8	29.99	3.8	<0.2	2.90	27.4	12.04	0.65	473	<5
83D08	2005	1262	11	408079	5798246	6	10	1.39	0.09	7.2	9.8	0.31	1	0.05	0.20	23.8	13.9	30.33	4.3	2.8	3.11	26.2	14.68	0.71	452	<5
83D08	2005	1263	11	408079	5798246	6	20	1.34	0.09	7.3	9.4	0.31	1	0.05	0.17	22.4	13.4	31.39	4.2	0.4	2.98	27.8	14.26	0.67	407	5
83D08	2005	1264	11	409128	5790939	6		1.40	0.03	2.2	8.1	0.29	1	0.08	0.31	22.7	15.8	28.34	4.7	1.0	3.05	25.8	9.12	0.72	427	8
83D08	2005	1265	11	409238	5791157	6		0.98	0.05	6.3	6.5	0.43	<1	0.05	0.58	15.2	13.6	61.61	3.0	<0.2	2.40	32.2	8.23	0.52	403	<5
83D08	2005	1266	11	408774	5791209	6		0.37	0.04	0.8	7.2	0.18	1	0.08	10.01	5.9	8.7	17.71	1.0	3.8	1.67	21.4	4.86	5.41	596	12
83D01	2005	1267	11	405544	5787445	6		0.92	0.03	0.8	18.7	0.06	1	0.04	16.51	11.3	9.8	11.85	2.1	<0.2	1.68	6.7	7.13	2.12	214	<5

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
83D07	2005	1224	11	387100	5815989	6		0.61	30.3	0.282	1.18	5.4	0.2	88	0.011	17.1	0.01	0.02	0.69	12.6	0.280	<0.1	4.4	65	80.6
83D07	2005	1225	11	392234	5816847	6		0.22	31.6	0.117	0.15	1.1	0.3	37	0.003	8.4	0.02	<0.02	0.17	15.6	0.040	<0.1	3.5	11	66.9
83D10	2005	1226	11	394098	5819145	6		0.13	35.6	0.119	0.03	1.3	0.2	43	0.001	10.9	0.07	0.02	0.03	18.9	0.013	<0.1	3.2	7	57.1
83D10	2005	1227	11	394261	5819798	6		1.23	8.9	0.064	0.03	4.0	0.8	637	0.003	1.9	0.07	<0.02	0.03	9.4	0.017	<0.1	11.7	14	63.1
83D10	2005	1228	11	394057	5820046	6	10	0.20	29.1	0.110	0.03	0.8	0.2	51	0.001	22.3	0.03	0.02	0.04	11.4	0.014	<0.1	2.1	6	56.0
83D10	2005	1229	11	394057	5820046	6	20	0.20	30.3	0.104	0.04	0.9	0.2	47	0.001	21.7	<0.01	0.02	0.04	10.5	0.012	<0.1	2.1	8	62.4
83D08	2005	1230	11	403888	5813618	6		0.26	42.2	0.084	0.05	1.4	0.4	59	0.002	21.8	0.01	0.02	0.05	17.1	0.015	<0.1	7.7	10	87.6
83D08	2005	1231	11	403463	5814249	6		0.24	43.7	0.990	0.03	1.3	0.5	48	0.002	11.8	0.02	0.03	0.03	16.0	0.010	<0.1	5.3	8	86.1
83D08	2005	1232	11	402926	5816777	6		0.57	30.5	0.086	0.03	1.3	0.5	62	0.002	6.6	0.05	0.02	0.03	18.1	0.013	<0.1	3.6	8	63.3
83D09	2005	1234	11	400591	5819739	6		0.46	36.4	0.076	0.01	1.3	0.7	50	0.002	6.4	0.02	0.02	<0.02	16.1	0.005	<0.1	5.3	7	69.2
83D09	2005	1235	11	399943	5820274	6		0.76	22.8	0.059	0.03	0.8	0.4	39	0.001	6.2	0.07	0.03	0.06	11.9	0.013	<0.1	2.4	5	51.2
83D09	2005	1236	11	399819	5820025	6		0.62	26.3	0.057	0.01	1.4	0.5	60	0.001	2.7	0.05	0.03	0.02	16.1	0.010	<0.1	3.0	8	64.0
83D09	2005	1237	11	405310	5817805	6		0.41	32.5	0.070	0.04	1.2	0.4	53	0.002	15.1	<0.01	0.04	0.03	16.6	0.007	<0.1	7.3	7	80.5
83D09	2005	1238	11	405324	5817954	6		0.34	42.5	0.071	0.03	1.1	0.5	50	0.002	11.2	0.01	0.03	0.03	11.8	0.006	<0.1	6.8	5	81.7
83D07	2005	1239	11	397683	5812613	6		0.08	21.3	0.132	0.01	0.9	0.2	24	0.001	18.4	<0.01	0.03	<0.02	16.3	0.016	<0.1	2.4	7	42.6
83D08	2005	1240	11	402864	5805514	6		0.19	21.7	0.076	0.09	0.8	0.4	49	0.001	15.5	0.01	0.02	0.12	8.4	0.030	<0.1	4.5	7	53.0
83D08	2005	1242	11	406504	5807748	6		0.21	31.2	0.079	0.02	1.0	0.5	44	0.001	15.2	<0.01	0.03	0.02	13.3	0.009	<0.1	3.3	7	63.8
83D08	2005	1243	11	401912	5803044	6		0.19	25.8	0.068	0.10	0.7	0.2	40	0.002	14.7	0.06	<0.02	0.07	15.3	0.023	<0.1	2.3	5	24.1
83D08	2005	1244	11	402146	5803083	6		0.25	31.6	0.100	0.03	1.1	0.2	54	0.001	12.0	0.02	0.03	0.03	16.5	0.013	<0.1	2.9	6	61.3
83D08	2005	1245	11	408462	5808670	6	10	0.26	28.3	0.062	0.03	1.0	0.3	46	0.002	10.6	0.04	0.02	0.02	12.2	0.005	<0.1	2.9	11	67.5
83D08	2005	1246	11	408462	5808670	6	20	0.34	32.5	0.073	0.03	1.3	0.4	54	0.003	13.0	0.01	0.03	0.02	13.2	0.004	<0.1	3.7	11	73.7
83D08	2005	1247	11	410582	5811036	6		0.36	34.5	0.069	0.02	1.2	0.2	62	0.002	9.3	0.05	0.02	<0.02	16.2	0.003	<0.1	2.8	12	80.1
83D07	2005	1248	11	385308	5808325	6		0.35	10.5	0.990	0.23	1.8	0.4	25	0.013	11.2	0.02	<0.02	0.10	5.8	0.076	0.2	1.6	21	39.5
83D07	2005	1249	11	386713	5806231	6		3.59	12.8	0.092	0.35	2.1	0.7	28	0.014	12.7	0.03	<0.02	0.19	4.3	0.109	0.2	2.6	33	58.2
83D07	2005	1250	11	391957	5799472	6		0.59	25.0	0.117	0.38	2.5	0.9	71	0.008	15.2	0.05	0.02	0.32	6.5	0.101	0.6	2.1	29	44.6
83D07	2005	1251	11	395073	5794519	6		0.05	9.2	0.088	0.11	0.6	0.1	25	0.003	36.5	0.05	0.02	0.07	6.0	0.025	<0.1	0.7	3	7.8
83D07	2005	1252	11	396513	5797608	6		0.07	10.9	0.121	0.12	0.7	0.1	22	0.002	41.9	0.08	<0.02	0.07	7.9	0.025	<0.1	0.9	4	7.8
83D07	2005	1253	11	396914	5797325	1		0.46	49.0	0.139	0.45	2.1	0.2	50	0.013	41.5	0.20	0.02	0.31	16.6	0.067	<0.1	2.4	17	30.5
83D08	2005	1254	11	397629	5791673	6		0.10	18.4	0.073	0.05	1.1	0.1	25	0.010	106.1	0.08	0.02	0.04	9.6	0.015	<0.1	1.2	4	27.5
83D08	2005	1255	11	399655	5793092	6		0.30	64.9	0.980	0.22	3.3	0.7	79	0.112	217.8	0.12	0.04	0.24	6.6	0.085	0.2	1.3	32	50.4
83D08	2005	1256	11	402355	5794791	6		0.07	14.7	0.075	0.16	0.6	0.1	24	0.002	14.3	0.06	<0.02	0.10	8.7	0.032	<0.1	1.3	4	11.8
83D08	2005	1258	11	404420	5795664	6		0.20	29.7	0.102	0.06	1.0	0.2	42	0.002	20.7	0.08	0.02	0.05	13.7	0.014	<0.1	2.3	4	27.6
83D08	2005	1259	11	404073	5796129	6		0.04	9.6	0.045	0.05	0.3	0.1	19	0.001	13.0	0.12	<0.02	0.04	7.3	0.012	<0.1	0.9	2	7.3
83D08	2005	1260	11	408049	5798091	6		0.28	32.1	0.075	0.03	1.1	0.2	39	0.001	9.8	0.03	0.02	0.04	14.4	0.015	<0.1	3.3	7	68.0
83D08	2005	1262	11	408079	5798246	6	10	0.25	29.1	0.073	0.01	1.2	0.3	55	0.002	9.1	0.03	0.04	<0.02	14.8	0.005	<0.1	3.2	8	69.4
83D08	2005	1263	11	408079	5798246	6	20	0.22	28.7	0.068	0.01	1.2	0.3	49	0.002	7.3	0.01	0.02	<0.02	15.6	0.004	<0.1	3.0	8	68.5
83D08	2005	1264	11	409128	5790939	6		0.26	36.9	0.118	0.02	1.5	0.3	50	0.001	7.9	0.01	0.03	<0.02	18.8	0.010	0.1	3.1	11	81.3
83D08	2005	1265	11	409238	5791157	6		0.18	30.7	0.164	0.02	1.0	0.1	53	0.001	18.2	0.09	0.05	<0.02	19.9	0.005	<0.1	4.3	6	44.4
83D08	2005	1266	11	408774	5791209	6		0.20	20.9	0.053	0.01	1.2	0.5	43	0.001	46.4	0.11	0.02	<0.02	4.2	0.003	<0.1	2.2	3	31.7
83D01	2005	1267	11	405544	5787445	6		0.07	22.4	0.046	0.07	2.4	0.2	14	0.046	462.8	0.09	0.02	0.07	3.3	0.017	<0.1	0.4	6	29.3

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
83D01	2005	1268	11	407362	5788063	6		1.03	0.11	9.5	81.6	0.22	2	0.18	3.85	10.6	20.3	26.39	2.3	0.9	3.75	22.5	18.39	2.03	768	18
83D01	2005	1269	11	404039	5787695	6		0.26	0.96	3.0	5.5	0.06	1	0.12	21.63	5.0	6.2	9.01	0.7	0.2	1.29	6.5	40.51	3.11	186	6
83D01	2005	1270	11	402463	5787638	6		4.12	0.03	0.6	53.5	0.13	1	0.06	3.79	48.8	16.5	17.52	11.2	<0.2	3.08	14.2	11.60	1.51	477	<5
83D08	2005	1271	11	429740	5800691	6		0.34	0.19	1.7	21.3	0.07	2	0.03	20.28	5.6	4.7	8.87	1.1	<0.2	1.21	7.9	6.41	3.62	369	10
83D07	2005	1272	11	376928	5808916	6		1.42	0.02	0.5	130.7	0.09	2	0.05	0.84	30.0	12.4	23.79	5.6	0.2	2.29	8.6	3.96	0.88	382	13
83D08	2005	1274	11	427059	5800086	6		0.37	0.05	1.1	39.7	0.08	2	0.02	20.59	6.3	5.0	10.48	1.2	<0.2	1.25	7.9	8.55	3.65	378	5
83D08	2005	1275	11	425351	5798081	6		0.68	0.09	1.9	13.0	0.10	<1	0.04	12.39	12.3	8.1	9.93	1.9	<0.2	2.19	3.8	9.25	4.45	579	8
83D08	2005	1276	11	423985	5790487	6		0.61	0.06	1.4	123.6	0.15	1	0.03	0.10	9.1	5.5	6.74	1.5	0.2	1.15	18.6	6.77	0.28	223	8
83D08	2005	1277	11	423967	5790652	6		0.72	0.03	1.6	18.2	0.12	1	0.02	20.07	13.9	10.2	12.11	2.2	<0.2	2.06	3.0	12.16	1.86	389	<5
83D07	2005	1278	11	390340	5808493	1		2.19	0.05	1.0	193.5	0.09	2	0.25	1.28	49.5	20.9	32.63	10.6	<0.2	4.58	20.0	9.44	1.23	837	28
83D08	2005	1279	11	409412	5806646	6		1.45	0.06	3.6	7.6	0.26	1	0.06	0.18	24.3	14.5	24.70	4.6	<0.2	3.05	30.5	13.20	0.73	383	<5
83D08	2005	1280	11	410864	5805275	6		1.76	0.11	11.7	16.4	0.33	<1	0.08	0.20	29.8	15.6	26.93	5.3	1.7	3.60	30.2	23.52	0.85	519	8
83D08	2005	1282	11	410698	5805140	6		1.84	0.15	11.4	13.3	0.37	<1	0.07	0.15	36.6	18.8	45.79	6.0	1.7	4.13	35.9	17.93	0.89	536	6
83D08	2005	1283	11	410533	5804974	6	10	1.61	0.10	7.9	8.4	0.37	<1	0.05	0.18	29.3	15.4	40.97	5.1	0.6	3.49	34.7	14.51	0.83	401	<5
83D08	2005	1284	11	410533	5804974	6	20	1.59	0.10	8.1	8.7	0.37	<1	0.05	0.17	31.1	16.7	45.21	5.4	20.2	3.44	35.9	15.17	0.81	395	<5
83D01	2005	1285	11	406594	5781839	6		1.56	0.08	1.9	45.9	0.11	3	0.15	13.27	21.5	16.1	26.03	4.0	0.7	2.48	10.4	11.19	1.83	354	21
83D01	2005	1286	11	415487	5778306	6		0.66	0.02	0.6	10.1	0.18	1	0.01	0.57	29.8	15.4	19.29	1.9	0.6	2.19	27.1	3.02	0.58	284	<5
83D01	2005	1287	11	412553	5778081	6		0.78	0.03	3.8	26.8	0.17	1	0.02	0.78	20.5	12.2	14.79	2.5	0.7	2.15	22.0	4.36	0.72	345	<5
83D01	2005	1288	11	417989	5779755	6		1.21	0.03	2.3	15.9	0.26	<1	0.04	0.27	20.8	13.1	26.33	4.1	1.7	2.62	30.4	7.18	0.61	310	<5
83D01	2005	1289	11	419252	5781219	6		1.04	0.02	6.5	16.5	0.33	1	0.07	0.28	16.5	12.3	30.51	3.0	0.6	2.32	27.5	8.08	0.47	526	5
83D08	2005	1291	11	426128	5795443	6		0.95	0.05	2.5	26.5	0.15	<1	0.07	16.52	19.5	13.6	16.83	2.7	0.5	2.36	4.2	13.53	1.91	318	5
83D08	2005	1292	11	423393	5794600	6		0.88	0.18	5.0	81.8	0.11	1	0.09	1.81	11.1	7.1	7.51	2.2	1.3	2.15	13.4	13.02	1.15	722	10
83D08	2005	1293	11	419467	5795804	6		1.69	0.12	13.5	13.7	0.38	<1	0.07	0.20	34.3	19.1	38.59	5.5	1.2	3.89	31.1	15.45	0.83	519	<5
83D08	2005	1294	11	417033	5798071	6		1.89	0.14	20.0	14.6	0.43	1	0.06	0.53	38.6	25.6	70.81	5.9	2.3	4.39	17.2	15.60	0.96	598	6
83D08	2005	1295	11	417062	5798373	6		2.35	0.26	40.7	21.8	0.72	1	0.09	0.22	39.5	29.9	52.98	7.2	31.1	5.45	22.6	42.67	1.07	716	9
83D08	2005	1296	11	410586	5813900	6		1.14	0.15	2.9	58.5	0.17	1	0.06	0.18	18.3	8.5	10.23	3.4	<0.2	2.23	19.3	11.60	0.47	335	12
83D08	2005	1297	11	410305	5813669	6		1.11	0.09	7.1	30.9	0.26	1	0.07	0.17	13.8	11.2	19.89	3.1	0.4	2.25	24.6	21.87	0.42	362	11
83D08	2005	1298	11	410784	5812014	6		1.71	0.12	9.5	40.0	0.28	2	0.10	0.30	26.7	15.8	26.69	5.1	0.5	3.03	28.8	21.89	0.67	422	21
83D01	2005	1299	11	411087	5782175	6		0.62	0.03	5.3	24.6	0.12	1	0.06	0.80	13.0	12.0	9.92	2.1	10.5	2.21	19.5	6.64	0.56	594	11
83D01	2005	1300	11	410913	5782491	6		0.66	0.06	2.7	26.9	0.10	1	0.03	2.23	10.8	12.0	17.07	1.9	0.3	1.98	17.3	18.54	0.60	463	<5
83D01	2005	1302	11	413273	5783462	6		0.40	0.02	1.0	27.3	0.13	<1	0.03	0.26	9.3	6.1	6.73	1.0	1.2	0.93	12.0	5.08	0.32	276	7
83D01	2005	1303	11	413232	5784043	6		0.15	0.02	0.6	10.1	0.04	<1	0.01	0.20	5.2	6.3	5.65	0.3	0.3	0.74	7.9	3.72	0.14	148	<5
83D01	2005	1304	11	413645	5783838	6		1.13	0.04	1.9	11.2	0.22	1	0.10	0.30	16.3	10.8	15.91	3.1	1.6	2.20	34.4	5.45	0.53	338	12
83D02	2005	1305	11	396036	5789886	6		1.75	0.18	0.7	104.0	0.30	1	0.15	0.52	37.3	16.8	39.76	5.9	0.7	2.94	40.7	10.83	0.91	336	6
83D02	2005	1306	11	396922	5789135	6		1.99	0.05	1.6	112.2	0.35	2	0.13	0.55	46.4	16.9	48.98	6.4	1.4	3.61	49.2	7.15	1.13	320	15
83D07	2005	1307	11	391248	5791221	6		1.65	0.05	0.6	113.3	0.55	<1	0.10	0.41	36.6	14.3	42.14	5.5	0.8	3.09	42.7	7.25	0.89	326	14
83D07	2005	1308	11	389189	5790548	6	10	0.61	0.02	0.8	53.6	0.93	<1	0.07	0.36	29.2	6.9	30.35	2.2	0.7	1.16	16.5	2.51	0.35	160	<5
83D07	2005	1309	11	389189	5790548	6	20	0.56	0.02	0.9	50.8	0.91	<1	0.07	0.36	26.6	6.1	27.18	2.1	0.6	1.10	15.9	2.29	0.32	152	<5
83D02	2005	1311	11	388913	5787648	6		1.13	0.19	2.7	81.9	0.31	1	0.11	1.26	15.0	14.6	18.29	3.4	1.0	1.77	11.6	5.74	1.32	418	10
83D02	2005	1312	11	388947	5786598	6		0.96	0.20	5.5	82.5	0.26	<1	0.09	0.34	12.3	6.7	12.41	2.8	0.8	1.29	18.6	4.78	0.58	279	10

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
83D01	2005	1268	11	407362	5788063	6		0.37	38.3	0.092	0.16	4.4	0.5	55	0.027	104.9	0.05	<0.02	0.12	9.5	0.021	<0.1	1.6	7	54.8
83D01	2005	1269	11	404039	5787695	6		0.12	13.7	0.028	0.03	2.0	0.1	259	0.014	522.4	0.04	0.03	0.03	3.0	0.005	<0.1	0.3	<2	70.4
83D01	2005	1270	11	402463	5787638	6		0.31	39.3	0.102	0.29	3.5	0.3	27	0.183	260.8	0.04	<0.02	0.29	5.8	0.103	<0.1	1.0	31	65.7
83D08	2005	1271	11	429740	5800691	6		0.17	8.7	0.024	0.05	2.2	0.1	10	0.006	329.2	0.09	0.02	0.02	3.4	0.002	<0.1	0.3	3	14.5
83D07	2005	1272	11	376928	5808916	6		0.41	18.5	0.212	0.58	2.9	0.8	39	0.014	21.0	0.05	<0.02	0.23	2.7	0.169	0.3	2.4	44	41.8
83D08	2005	1274	11	427059	5800086	6		0.21	9.3	0.022	0.06	1.9	0.1	10	0.006	357.9	0.09	0.02	0.02	3.3	0.002	<0.1	0.3	3	18.3
83D08	2005	1275	11	425351	5798081	6		0.21	14.9	0.037	0.02	2.5	0.1	14	0.006	126.9	0.06	0.02	<0.02	3.7	0.002	<0.1	0.3	6	26.9
83D08	2005	1276	11	423985	5790487	6		0.16	11.7	0.038	0.09	0.6	0.2	16	0.002	11.7	<0.01	0.02	0.03	9.0	0.006	<0.1	2.8	4	22.1
83D08	2005	1277	11	423967	5790652	6		0.12	15.2	0.030	0.03	4.1	0.1	11	0.003	440.7	0.09	0.03	<0.02	5.5	0.001	<0.1	0.3	5	31.8
83D07	2005	1278	11	390340	5808493	1		1.40	31.0	0.222	0.80	5.9	0.6	65	0.022	33.3	0.09	0.02	0.33	3.3	0.234	0.2	3.1	74	121.4
83D08	2005	1279	11	409412	5806646	6		0.29	32.0	0.085	0.01	1.2	0.2	48	0.001	7.4	<0.01	0.02	<0.02	15.7	0.006	<0.1	4.0	9	72.4
83D08	2005	1280	11	410864	5805275	6		0.44	34.0	0.097	0.02	1.2	0.3	49	0.002	10.8	0.01	0.03	<0.02	17.6	0.003	<0.1	4.1	12	89.3
83D08	2005	1282	11	410698	5805140	6		0.43	41.8	0.070	0.02	1.7	0.2	66	0.003	6.1	0.06	0.04	<0.02	17.0	0.003	<0.1	4.1	14	88.2
83D08	2005	1283	11	410533	5804974	6	10	0.36	35.0	0.079	0.01	1.4	0.2	64	0.002	6.3	0.02	<0.02	<0.02	17.7	0.003	<0.1	5.0	11	81.3
83D08	2005	1284	11	410533	5804974	6	20	0.39	38.5	0.078	0.01	1.4	0.1	72	0.002	6.4	0.02	0.03	<0.02	18.1	0.003	<0.1	4.5	11	87.8
83D01	2005	1285	11	406594	5781839	6		1.18	39.1	0.057	0.17	3.2	2.1	71	0.068	399.7	0.08	0.04	0.20	3.1	0.030	<0.1	1.0	14	60.4
83D01	2005	1286	11	415487	5778306	6		0.25	40.6	0.990	0.03	0.8	0.1	29	0.001	14.7	0.05	0.02	0.03	11.4	0.012	<0.1	1.7	11	25.2
83D01	2005	1287	11	412553	5778081	6		0.20	28.0	0.137	0.15	1.2	0.3	25	0.003	13.8	0.02	0.02	0.10	9.9	0.050	<0.1	2.0	11	25.9
83D01	2005	1288	11	417989	5779755	6		0.27	31.4	0.119	0.08	1.2	0.2	37	0.002	10.5	0.01	0.02	0.11	13.5	0.038	<0.1	2.5	11	65.8
83D01	2005	1289	11	419252	5781219	6		0.31	27.5	0.084	0.04	1.0	0.5	31	0.002	11.1	0.01	0.03	0.04	11.5	0.019	<0.1	3.8	8	49.0
83D08	2005	1291	11	426128	5795443	6		0.34	23.9	0.033	0.03	3.7	0.1	19	0.004	296.1	0.07	0.02	0.02	6.7	0.001	<0.1	0.6	8	40.2
83D08	2005	1292	11	423393	5794600	6		0.25	15.0	0.063	0.03	1.3	0.2	29	0.003	19.4	0.06	<0.02	0.02	5.8	0.006	<0.1	1.5	5	38.4
83D08	2005	1293	11	419467	5795804	6		0.39	42.3	0.076	0.02	1.7	0.3	72	0.003	6.7	0.04	<0.02	<0.02	15.0	0.003	<0.1	3.9	12	88.7
83D08	2005	1294	11	417033	5798071	6		0.29	52.7	0.072	0.02	1.7	0.2	83	0.004	12.2	0.40	0.02	<0.02	13.8	0.002	<0.1	2.4	14	96.6
83D08	2005	1295	11	417062	5798373	6		0.73	56.7	0.102	0.04	1.9	0.7	142	0.004	9.6	0.43	0.08	0.04	19.9	0.003	<0.1	5.6	13	118.9
83D08	2005	1296	11	410586	5813900	6		0.22	19.8	0.061	0.04	1.0	0.3	31	0.003	12.1	<0.01	0.02	0.03	8.7	0.006	<0.1	3.1	9	49.8
83D08	2005	1297	11	410305	5813669	6		0.32	24.2	0.058	0.09	0.8	0.4	43	0.003	16.9	0.01	<0.02	0.09	8.0	0.028	<0.1	5.2	7	63.5
83D08	2005	1298	11	410784	5812014	6		0.55	38.1	0.071	0.05	1.3	0.8	96	0.006	17.7	0.03	0.02	0.05	7.6	0.012	<0.1	11.8	13	87.2
83D01	2005	1299	11	411087	5782175	6		0.19	19.3	0.149	0.13	1.0	0.5	29	0.002	14.6	0.02	<0.02	0.10	6.9	0.041	<0.1	1.9	10	24.0
83D01	2005	1300	11	410913	5782491	6		0.16	22.6	0.110	0.14	1.3	0.2	26	0.006	38.1	0.01	<0.02	0.10	7.6	0.039	<0.1	0.7	7	24.9
83D01	2005	1302	11	413273	5783462	6		0.16	15.9	0.042	0.09	0.4	0.2	42	0.002	6.5	0.03	<0.02	0.06	7.9	0.013	<0.1	2.3	4	11.0
83D01	2005	1303	11	413232	5784043	6		0.13	14.7	0.021	0.02	0.2	0.1	14	0.001	2.9	0.05	<0.02	0.02	5.9	0.005	<0.1	0.9	2	4.5
83D01	2005	1304	11	413645	5783838	6		0.35	27.2	0.085	0.02	1.0	1.1	50	0.002	6.9	0.04	<0.02	0.03	6.7	0.011	<0.1	7.8	8	53.9
83D02	2005	1305	11	396036	5789886	6		0.61	46.9	0.146	0.67	3.4	0.7	79	0.029	25.4	0.06	0.03	0.39	13.0	0.132	<0.1	3.2	31	67.7
83D02	2005	1306	11	396922	5789135	6		0.80	64.2	0.130	0.66	3.1	1.4	73	0.022	23.2	0.12	0.05	0.45	9.7	0.157	<0.1	5.0	39	79.8
83D07	2005	1307	11	391248	5791221	6		0.74	36.1	0.138	0.70	3.2	0.6	112	0.023	20.9	0.13	0.05	0.43	11.0	0.140	<0.1	2.7	30	53.9
83D07	2005	1308	11	389189	5790548	6	10	0.66	26.0	0.119	0.30	2.0	0.2	29	0.014	16.8	0.14	0.02	0.18	6.5	0.080	0.6	3.9	14	27.3
83D07	2005	1309	11	389189	5790548	6	20	0.60	23.3	0.122	0.29	1.8	0.2	20	0.015	17.2	0.12	<0.02	0.15	5.5	0.076	0.6	3.3	14	25.4
83D02	2005	1311	11	388913	5787648	6		0.59	21.8	0.072	0.32	2.0	0.5	47	0.013	14.9	0.07	0.02	0.20	4.1	0.080	0.2	2.2	18	34.3
83D02	2005	1312	11	388947	5786598	6		0.46	12.2	0.074	0.28	1.3	1.0	33	0.009	7.6	0.02	0.03	0.17	4.4	0.088	0.1	3.1	16	30.3

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
83D02	2005	1313	11	387867	5785008	6		1.58	0.04	0.5	163.5	0.25	<1	0.09	0.37	30.2	11.3	33.99	5.0	0.8	2.50	18.8	5.77	0.97	255	<5
83D02	2005	1314	11	386590	5783151	6		0.89	<0.02	1.4	75.6	1.08	<1	0.07	0.32	58.5	8.2	30.21	3.2	0.7	1.61	18.6	2.96	0.53	252	<5
83D02	2005	1315	11	386792	5783126	6		1.93	0.07	3.7	181.2	0.69	1	0.25	0.57	36.5	17.8	46.50	6.9	1.5	2.91	38.3	8.63	1.07	679	17
83D02	2005	1316	11	395127	5785516	6		1.16	0.03	0.2	54.4	0.21	1	0.05	0.18	23.7	7.5	22.32	3.8	0.3	2.00	19.2	6.16	0.54	89	6
83D02	2005	1317	11	395038	5785206	6		1.37	0.13	4.6	106.8	0.36	1	0.10	0.35	19.4	10.6	21.81	4.2	0.9	2.02	15.8	6.84	0.94	285	<5
83D02	2005	1318	11	397423	5785094	6		1.25	0.04	0.8	71.1	0.17	<1	0.03	0.19	26.3	10.7	21.22	3.9	0.4	1.99	16.1	5.10	0.76	213	<5
83D07	2005	1319	11	372925	5808969	6		1.58	<0.02	0.1	156.6	0.27	<1	0.08	0.52	40.0	13.1	38.12	6.1	0.7	3.02	14.3	4.23	0.95	261	<5
83D07	2005	1320	11	373022	5809072	6		1.61	0.03	0.5	137.5	0.10	1	0.32	1.09	45.5	12.7	22.77	7.6	0.8	2.60	12.3	5.92	0.82	526	13
83D07	2005	1322	11	373959	5804076	6		1.79	0.05	2.0	214.9	0.54	1	0.05	0.65	53.4	15.2	38.94	6.3	0.9	2.88	14.3	4.50	1.02	310	<5
83D07	2005	1323	11	373985	5803901	6		1.27	<0.02	0.3	120.3	0.24	<1	0.04	0.73	35.6	18.3	50.95	4.0	1.0	2.51	16.4	2.80	0.71	214	<5
83D07	2005	1324	11	378133	5802694	6		1.38	0.02	0.3	108.8	1.80	<1	0.11	0.67	24.3	34.6	165.68	4.3	13.7	4.45	24.1	4.03	0.82	209	<5
83D07	2005	1325	11	376964	5803408	6		1.54	0.03	0.3	117.4	0.25	1	0.14	0.33	37.7	10.2	20.74	5.6	0.8	2.34	19.9	6.07	0.60	504	24
83D07	2005	1326	11	378878	5802705	6	10	1.86	0.06	0.5	198.7	0.36	<1	0.15	0.47	33.2	18.3	58.40	6.5	2.7	3.51	34.5	6.45	1.23	355	<5
83D07	2005	1327	11	378878	5802705	6	20	1.78	0.05	0.3	174.1	0.39	<1	0.12	0.49	30.6	15.9	53.86	5.6	1.3	3.50	33.2	6.15	1.15	335	5
83D07	2005	1328	11	387069	5803246	6		1.78	0.02	0.3	120.2	0.36	1	0.12	0.32	36.0	18.1	27.68	5.8	0.6	3.12	26.3	6.75	0.77	746	26
83D07	2005	1329	11	389722	5799203	6		2.05	0.02	0.5	208.1	0.47	<1	0.12	0.24	57.0	24.2	51.86	7.2	1.2	3.61	41.5	10.23	1.21	430	<5
83D07	2005	1330	11	383953	5792775	6		1.35	0.07	1.8	120.9	0.33	<1	0.19	0.59	21.4	17.1	25.50	4.2	0.4	2.26	18.7	7.28	1.02	593	15
83D07	2005	1331	11	383529	5793346	6		0.98	0.06	2.5	67.8	0.13	1	0.06	2.89	19.0	7.4	17.22	3.1	0.6	1.83	4.9	4.64	2.15	702	7
83D07	2005	1332	11	383296	5793416	6		1.49	0.10	1.0	145.1	0.23	1	0.07	2.13	18.9	12.6	46.75	4.2	3.2	2.56	14.9	4.85	1.63	303	<5
83D07	2005	1333	11	382924	5790920	6		1.57	<0.02	<0.1	184.8	0.22	<1	0.06	0.57	25.6	11.2	64.13	4.6	1.3	2.36	17.4	3.09	0.93	229	<5
83D07	2005	1334	11	380391	5791602	6		1.86	0.03	0.3	206.4	0.52	1	0.06	0.26	30.1	10.4	47.40	6.1	2.0	3.09	36.3	7.40	1.06	238	5
83D02	2005	1335	11	378525	5789514	6		1.56	0.03	1.5	161.3	0.33	1	0.06	0.67	40.3	12.6	54.67	5.3	0.7	2.56	12.3	3.96	1.00	332	<5
83D07	2005	1336	11	376314	5791003	6		1.12	0.02	0.6	82.6	0.46	<1	0.03	0.73	21.4	9.1	48.51	3.5	2.2	2.07	8.8	2.35	0.63	256	<5
83D07	2005	1338	11	376652	5790984	6		2.23	0.03	0.4	250.0	0.97	1	0.07	0.41	41.2	16.0	60.84	8.2	12.4	3.44	19.6	5.55	1.31	391	5
83D02	2005	1339	11	391026	5779495	6		0.90	0.05	1.3	56.7	0.53	1	0.14	0.38	15.8	11.6	29.89	3.3	1.1	1.79	22.5	4.64	0.42	312	8
83D02	2005	1340	11	390841	5779620	6		1.25	0.04	1.0	79.0	0.34	1	0.08	0.35	24.4	20.4	47.95	4.3	0.5	2.81	19.0	6.06	0.68	389	9
83D02	2005	1342	11	379911	5778903	6		1.26	0.04	1.0	110.0	0.30	2	0.09	0.59	20.0	8.2	31.94	4.2	0.3	2.04	21.2	4.78	0.71	286	<5
83D02	2005	1343	11	379949	5779070	6	10	1.14	0.03	1.8	145.5	0.46	<1	0.04	0.35	32.9	11.0	73.05	4.6	0.8	2.25	20.6	3.40	0.54	303	<5
83D02	2005	1344	11	379949	5779070	6	20	1.18	0.04	1.9	137.6	0.85	1	0.05	0.36	32.1	12.2	84.90	4.3	0.3	2.35	17.8	3.21	0.56	316	<5
83D02	2005	1345	11	378315	5778546	6		1.51	0.03	0.9	130.0	1.55	1	0.03	0.42	40.9	8.2	42.67	5.5	1.2	2.84	17.7	6.30	0.71	331	<5
83D02	2005	1346	11	378602	5775101	6		1.17	0.02	0.5	77.4	0.29	1	0.04	0.51	19.2	11.9	46.81	3.8	0.3	1.88	11.5	3.32	0.46	246	6
83D02	2005	1347	11	379033	5774678	6		1.50	0.03	1.0	63.9	0.22	1	0.06	0.47	24.3	13.9	46.06	5.8	0.5	2.42	12.1	7.22	0.50	317	13
83D02	2005	1349	11	382338	5774295	6		1.38	0.04	0.8	82.1	0.47	1	0.06	0.28	27.8	15.7	34.09	4.8	0.9	2.36	12.8	7.71	0.48	351	13
83D02	2005	1350	11	383074	5774204	6		0.72	0.02	0.6	44.8	0.14	<1	0.03	0.24	12.0	4.0	10.86	2.5	0.2	1.10	8.6	2.81	0.25	134	8
83D02	2005	1351	11	384049	5774430	6		1.10	0.06	1.9	63.5	1.05	1	0.11	0.37	26.6	11.2	23.22	3.5	0.6	1.70	16.6	5.79	0.34	281	12
83D02	2005	1352	11	385328	5773894	6		1.08	0.09	2.0	64.1	1.12	1	0.11	0.29	25.3	17.4	35.31	3.7	1.0	2.50	31.9	5.52	0.39	365	10
83D02	2005	1353	11	386813	5771343	6		1.02	0.03	0.6	62.9	0.40	1	0.10	0.40	30.1	10.3	45.37	3.6	0.3	1.70	12.3	5.01	0.40	271	11
83D02	2005	1354	11	387201	5771543	6		1.08	0.03	0.5	63.9	0.51	1	0.07	0.26	21.5	5.3	18.38	4.4	0.4	1.61	16.0	5.27	0.32	193	15
83D02	2005	1355	11	387487	5763759	6		1.50	0.04	0.4	65.9	0.22	1	0.15	0.69	37.7	13.3	45.25	5.8	<0.2	2.34	10.6	6.58	0.65	328	17
83D02	2005	1356	11	376337	5764852	6		1.01	0.02	0.5	54.8	0.35	<1	0.03	0.43	25.2	5.6	17.51	3.3	0.3	1.35	12.3	4.12	0.34	134	<5

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
83D02	2005	1313	11	387867	5785008	6		0.67	21.5	0.103	0.71	2.8	0.7	44	0.034	17.5	0.02	0.09	0.35	6.6	0.180	<0.1	1.1	36	48.5
83D02	2005	1314	11	386590	5783151	6		1.24	26.8	0.091	0.44	2.8	0.3	34	0.019	16.1	0.04	0.02	0.26	7.6	0.114	1.6	17.1	24	39.2
83D02	2005	1315	11	386792	5783126	6		3.28	30.2	0.128	0.64	4.3	0.9	46	0.027	27.3	0.03	0.06	0.38	9.1	0.191	1.4	5.6	43	91.0
83D02	2005	1316	11	395127	5785516	6		0.50	30.7	0.052	0.34	1.9	0.6	45	0.012	11.2	0.04	0.02	0.24	5.8	0.082	<0.1	1.6	20	31.1
83D02	2005	1317	11	395038	5785206	6		0.54	20.8	0.064	0.39	2.1	0.5	41	0.017	15.0	0.05	0.03	0.21	4.7	0.101	<0.1	2.1	22	42.1
83D02	2005	1318	11	397423	5785094	6		0.34	23.1	0.048	0.44	2.4	0.2	38	0.015	7.1	<0.01	0.02	0.30	6.2	0.096	<0.1	0.9	22	32.3
83D07	2005	1319	11	372925	5808969	6		1.03	26.6	0.180	0.84	3.5	0.3	42	0.027	19.8	0.13	0.03	0.40	4.9	0.176	0.2	1.4	40	60.4
83D07	2005	1320	11	373022	5809072	6		1.63	22.4	0.221	0.46	3.5	1.9	46	0.025	40.9	0.05	<0.02	0.27	3.0	0.149	1.1	7.8	44	76.3
83D07	2005	1322	11	373959	5804076	6		0.79	33.0	0.211	0.86	4.1	0.2	29	0.044	32.9	0.04	0.03	0.32	4.5	0.221	0.2	1.0	49	54.3
83D07	2005	1323	11	373985	5803901	6		0.65	39.7	0.259	0.64	3.2	0.4	35	0.032	35.9	0.38	0.03	0.23	5.5	0.147	0.3	1.2	36	33.4
83D07	2005	1324	11	378133	5802694	6		1.30	82.4	0.244	0.72	3.0	2.2	82	0.033	11.6	1.56	0.14	0.31	10.1	0.144	0.2	1.9	27	38.4
83D07	2005	1325	11	376964	5803408	6		0.53	28.5	0.086	0.37	3.1	0.6	239	0.011	27.4	0.05	0.02	0.21	4.0	0.133	<0.1	1.1	36	52.8
83D07	2005	1326	11	378878	5802705	6	10	0.94	40.5	0.127	0.91	4.0	0.9	49	0.042	16.2	0.21	0.12	0.35	8.9	0.182	0.1	1.8	44	64.6
83D07	2005	1327	11	378878	5802705	6	20	0.84	34.7	0.139	0.75	3.5	0.8	42	0.041	17.5	0.25	0.13	0.32	9.2	0.162	0.1	1.7	43	54.3
83D07	2005	1328	11	387069	5803246	6		0.79	31.9	0.069	0.46	3.2	0.8	69	0.016	14.9	0.03	0.03	0.35	6.1	0.130	<0.1	1.7	34	70.2
83D07	2005	1329	11	389722	5799203	6		1.11	46.2	0.115	1.04	4.2	0.6	73	0.031	16.2	0.09	0.07	0.51	15.7	0.199	<0.1	2.4	48	83.4
83D07	2005	1330	11	383953	5792775	6		1.01	45.9	0.081	0.46	2.4	0.8	57	0.014	17.5	0.03	0.02	0.25	4.9	0.120	0.1	1.8	27	57.2
83D07	2005	1331	11	383529	5793346	6		0.29	12.4	0.046	0.14	2.6	0.6	47	0.005	31.2	0.03	0.02	0.09	1.7	0.096	0.2	0.7	30	26.0
83D07	2005	1332	11	383296	5793416	6		0.82	23.4	0.107	0.62	2.6	0.4	40	0.038	32.1	0.42	0.05	0.22	6.5	0.125	0.2	1.2	28	27.5
83D07	2005	1333	11	382924	5790920	6		0.69	25.4	0.163	0.82	2.8	0.7	35	0.037	21.5	0.21	0.07	0.30	7.0	0.171	<0.1	1.0	34	39.5
83D07	2005	1334	11	380391	5791602	6		0.85	14.6	0.123	1.25	3.5	0.8	69	0.035	13.0	0.20	0.09	0.48	11.6	0.231	<0.1	1.8	38	62.3
83D02	2005	1335	11	378525	5789514	6		1.41	25.0	0.103	0.79	3.8	0.2	38	0.040	17.8	0.16	0.03	0.38	4.5	0.184	0.6	1.1	42	50.5
83D07	2005	1336	11	376314	5791003	6		0.72	13.7	0.254	0.56	2.6	0.3	33	0.037	15.4	0.16	0.08	0.22	3.9	0.108	0.3	1.9	30	24.0
83D07	2005	1338	11	376652	5790984	6		1.15	27.1	0.121	1.46	4.8	0.6	54	0.046	16.9	0.12	0.08	0.44	7.0	0.282	0.2	4.8	53	65.6
83D02	2005	1339	11	391026	5779495	6		1.14	15.4	0.124	0.27	2.3	0.6	47	0.016	11.4	0.04	0.02	0.17	6.0	0.094	1.1	2.8	25	48.0
83D02	2005	1340	11	390841	5779620	6		1.20	25.3	0.091	0.43	3.1	0.6	45	0.025	16.8	0.14	0.04	0.24	5.4	0.126	0.3	1.7	35	54.9
83D02	2005	1342	11	379911	5778903	6		0.93	13.6	0.077	0.61	2.8	0.2	40	0.036	9.0	0.03	0.03	0.34	7.5	0.159	0.1	1.2	25	50.4
83D02	2005	1343	11	379949	5779070	6	10	1.40	18.7	0.117	0.75	3.7	0.2	35	0.028	11.9	0.11	0.02	0.35	7.8	0.192	0.6	1.9	33	48.4
83D02	2005	1344	11	379949	5779070	6	20	1.29	21.8	0.116	0.74	3.4	0.3	35	0.025	12.4	0.17	0.02	0.34	7.1	0.172	0.7	2.0	35	48.6
83D02	2005	1345	11	378315	5778546	6		1.92	14.7	0.114	0.69	4.2	0.3	42	0.034	13.0	0.10	0.02	0.40	6.4	0.207	0.4	4.3	40	51.3
83D02	2005	1346	11	378602	5775101	6		1.02	12.3	0.980	0.37	3.0	0.3	28	0.042	14.3	0.03	0.02	0.18	4.4	0.139	0.3	2.5	33	37.3
83D02	2005	1347	11	379033	5774678	6		1.26	15.4	0.077	0.34	3.6	0.5	39	0.028	12.3	0.04	0.02	0.20	4.0	0.169	0.3	1.3	38	58.5
83D02	2005	1349	11	382338	5774295	6		1.59	16.9	0.054	0.42	2.8	0.5	33	0.023	10.2	0.06	<0.02	0.27	4.1	0.168	0.2	2.2	34	57.7
83D02	2005	1350	11	383074	5774204	6		0.55	5.1	0.056	0.21	1.6	0.3	10	0.020	6.7	<0.01	<0.02	0.12	2.7	0.095	0.1	0.8	20	23.6
83D02	2005	1351	11	384049	5774430	6		1.22	13.4	0.080	0.29	2.5	0.8	35	0.033	11.9	0.03	0.02	0.21	3.8	0.115	2.4	3.9	27	37.9
83D02	2005	1352	11	385328	5773894	6		2.54	21.9	0.069	0.33	2.9	0.8	44	0.018	13.1	0.11	0.02	0.21	7.9	0.119	0.3	4.5	31	59.8
83D02	2005	1353	11	386813	5771343	6		1.18	16.5	0.083	0.21	2.2	0.6	33	0.028	19.3	0.02	0.03	0.15	3.2	0.109	0.3	2.3	30	41.8
83D02	2005	1354	11	387201	5771543	6		2.60	10.9	0.055	0.27	2.7	0.8	35	0.014	12.2	0.05	0.02	0.18	3.3	0.134	0.1	1.8	30	44.6
83D02	2005	1355	11	387487	5763759	6		0.96	33.2	0.085	0.26	3.7	1.4	50	0.027	26.5	0.09	0.02	0.14	2.7	0.171	0.3	3.8	51	61.7
83D02	2005	1356	11	376337	5764852	6		0.68	13.5	0.071	0.28	2.3	0.2	27	0.031	28.5	0.01	<0.02	0.16	4.6	0.100	0.1	2.4	21	30.4

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
83D02	2005	1357	11	376565	5765133	6		1.04	0.02	1.0	61.5	0.20	1	0.09	0.53	23.4	8.1	27.17	3.8	0.2	1.61	7.7	3.81	0.38	230	9
83D02	2005	1358	11	379310	5764559	6		1.61	0.02	0.8	70.9	0.25	1	0.07	0.62	38.4	10.2	35.68	5.6	0.7	2.06	11.1	6.03	0.55	246	10
83D02	2005	1359	11	369981	5763137	6		1.87	0.06	1.2	82.9	0.24	2	0.18	0.20	56.4	35.4	25.75	5.2	1.2	2.05	12.6	12.88	0.57	767	45
83D02	2005	1360	11	369525	5763818	6		1.71	0.03	0.4	111.5	0.28	1	0.11	0.08	64.4	70.1	35.79	6.2	0.3	2.73	11.5	6.80	0.61	1063	29
83D11	2005	1362	11	351621	5825695	6		1.09	<0.02	0.3	46.3	0.20	<1	0.04	0.21	21.1	11.9	27.30	3.5	0.5	2.00	17.1	3.91	0.71	175	<5
83D11	2005	1363	11	353307	5824199	6	10	1.45	0.02	0.8	130.2	0.24	1	0.06	0.23	34.0	14.6	31.76	4.5	1.7	2.39	31.4	4.49	0.82	236	<5
83D11	2005	1364	11	353307	5824199	6	20	1.47	0.02	0.7	140.6	0.26	<1	0.06	0.25	35.0	14.4	31.62	4.7	0.4	2.42	35.8	4.67	0.81	238	7
83D11	2005	1366	11	351622	5825334	6		1.49	0.04	0.7	87.8	0.29	1	0.15	0.33	34.5	19.4	37.06	4.8	1.2	2.79	30.4	5.46	0.90	491	13
83D11	2005	1367	11	351105	5824360	6		1.68	0.06	0.3	89.9	0.33	1	0.27	0.20	30.4	38.1	32.64	4.8	0.5	2.86	56.0	8.27	0.83	1025	25
83D11	2005	1368	11	351192	5826634	6		1.72	0.05	<0.1	74.7	0.51	2	0.07	0.14	34.1	15.7	47.08	5.7	1.0	3.31	46.4	6.85	0.92	481	19
83D11	2005	1369	11	349436	5822341	6		1.46	0.04	0.2	55.8	0.27	1	0.10	0.23	29.6	15.8	34.26	4.8	0.5	3.00	14.6	5.97	0.98	517	7
83D11	2005	1370	11	349591	5828145	6		1.38	0.02	0.2	68.7	0.43	1	0.09	0.31	31.1	11.4	29.86	4.3	1.2	2.63	37.8	5.49	0.66	451	11
83D11	2005	1371	11	350503	5827698	6		1.10	0.03	<0.1	56.2	0.46	1	0.06	0.20	22.8	11.0	25.77	3.6	1.1	2.15	36.1	4.31	0.49	361	16
83D11	2005	1372	11	346242	5827252	6		1.63	0.03	0.1	67.8	0.36	1	0.06	0.20	33.6	23.3	40.86	5.3	0.5	2.80	30.5	6.97	1.05	311	8
83D11	2005	1373	11	345344	5827812	6		0.93	<0.02	<0.1	36.0	0.19	1	0.02	0.24	17.2	12.5	28.11	2.6	0.7	1.95	15.1	3.94	0.64	191	<5
83D11	2005	1374	11	345569	5827307	6		0.96	<0.02	<0.1	44.7	0.21	1	0.05	0.27	18.6	12.2	31.92	2.9	<0.2	2.08	10.7	3.33	0.72	207	<5
83D06	2005	1375	11	362465	5816769	6		2.15	0.02	0.4	328.7	0.04	1	0.09	0.87	77.4	21.1	51.20	8.9	8.8	3.99	6.3	4.71	1.39	723	13
83D06	2005	1376	11	363394	5816573	6		1.85	<0.02	0.2	250.0	0.06	1	0.05	0.98	66.1	18.3	42.23	8.1	0.7	3.50	9.7	4.33	1.23	565	5
83D07	2005	1377	11	364794	5816423	6		1.94	0.03	0.5	272.5	0.07	1	0.13	0.73	89.5	23.0	71.84	7.8	0.5	3.41	5.5	9.96	1.30	635	18
83D07	2005	1378	11	364813	5816262	6		1.26	<0.02	<0.1	142.8	0.06	<1	0.04	0.78	34.5	11.3	24.18	5.8	1.1	2.64	18.0	2.93	0.80	409	<5
83D06	2005	1379	11	362225	5813066	6		1.45	<0.02	0.4	136.5	0.18	1	0.04	0.89	33.0	13.0	27.29	7.4	0.5	2.95	23.1	4.53	0.86	481	5
83D06	2005	1380	11	362299	5812865	6		2.01	<0.02	0.3	211.4	0.27	<1	0.06	0.59	56.2	19.2	34.54	8.1	0.9	3.76	15.0	4.49	1.22	459	<5
83D06	2005	1382	11	361041	5810185	6		1.77	0.02	0.5	203.1	0.24	1	0.09	0.73	53.1	16.7	36.98	7.5	0.4	3.44	9.7	6.40	1.10	461	10
83D06	2005	1383	11	360671	5810656	6		1.93	<0.02	0.5	237.3	0.12	1	0.05	0.88	40.7	12.5	18.06	10.5	0.2	4.09	15.3	5.96	1.00	668	14
83D06	2005	1384	11	360282	5810509	6		2.32	<0.02	0.1	228.7	0.67	1	0.07	0.38	58.5	26.0	70.54	8.7	0.7	4.32	13.2	6.07	1.27	348	<5
83D06	2005	1385	11	357177	5805381	6	10	1.89	0.02	0.5	196.2	0.25	2	0.11	0.58	53.4	16.9	40.93	6.6	1.3	2.90	20.7	5.39	0.92	415	29
83D06	2005	1386	11	357177	5805381	6	20	2.06	0.03	0.6	214.2	0.25	2	0.12	0.57	59.7	19.0	45.77	7.2	0.8	3.13	18.9	5.95	1.03	461	34
83D06	2005	1387	11	360470	5804555	6		2.10	<0.02	0.1	280.9	0.29	1	0.02	0.40	68.1	17.8	70.70	7.7	4.4	3.50	9.7	3.13	1.14	260	<5
83D06	2005	1388	11	359557	5804784	6		2.50	0.04	1.0	262.2	0.39	2	0.18	0.73	65.0	26.7	63.84	9.1	1.4	4.13	18.5	8.83	1.21	569	27
83D06	2005	1389	11	356234	5802226	6		2.38	0.03	0.7	234.8	0.47	1	0.03	0.16	60.3	13.9	49.44	8.3	0.8	4.56	14.9	9.64	1.19	340	19
83D06	2005	1390	11	357273	5802031	6		2.14	0.02	<0.1	201.0	0.49	<1	0.01	0.12	53.4	10.4	45.91	7.5	1.4	4.19	17.4	6.57	1.06	263	5
83D06	2005	1391	11	346958	5802751	6		1.35	0.03	0.4	62.9	0.20	1	0.08	0.54	29.1	12.3	34.11	4.5	<0.2	2.57	18.3	5.38	0.87	422	10
83D06	2005	1392	11	347401	5802252	6		1.15	0.02	0.5	44.8	0.37	1	0.10	0.45	25.9	12.0	30.04	3.6	0.5	2.76	15.1	5.71	0.73	312	8
83D06	2005	1393	11	342358	5799864	6		1.34	0.03	0.5	79.6	0.73	1	0.26	0.47	24.2	16.4	44.38	4.5	0.5	2.94	14.2	8.23	0.80	465	15
83D06	2005	1395	11	342412	5800093	6		0.83	0.03	0.4	46.2	0.46	<1	0.09	0.35	14.4	11.9	51.25	2.7	0.9	1.95	11.6	4.24	0.47	218	<5
83D06	2005	1396	11	335946	5803940	6		1.29	<0.02	0.2	58.9	0.23	<1	0.05	0.32	30.3	11.6	24.63	3.9	0.2	1.91	20.8	4.34	0.64	143	<5
83D06	2005	1397	11	335855	5804199	6		1.20	0.03	1.2	47.5	0.43	<1	0.12	0.44	27.4	13.2	26.40	3.4	0.5	2.07	22.0	5.61	0.58	236	8
83D06	2005	1398	11	338697	5805147	6		1.04	0.04	0.5	35.4	0.38	<1	0.12	0.31	20.7	13.2	29.31	2.8	0.9	2.65	20.1	7.87	0.62	370	10
83D03	2005	1399	11	331803	5777335	6		1.91	0.10	0.5	45.1	0.37	3	0.47	0.49	32.8	20.9	25.88	5.2	0.3	2.47	15.1	18.21	0.50	702	61
83D03	2005	1400	11	330866	5777971	6		2.62	0.09	0.7	62.4	0.69	1	0.28	0.36	40.3	19.6	25.99	8.2	0.9	3.15	20.2	16.17	0.56	555	46

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
83D02	2005	1357	11	376565	5765133	6		0.48	16.5	0.135	0.25	2.3	0.8	26	0.024	25.2	0.02	0.02	0.12	2.1	0.113	0.6	2.7	27	36.1
83D02	2005	1358	11	379310	5764559	6		0.69	26.1	0.091	0.34	3.2	0.5	40	0.033	49.0	0.03	<0.02	0.18	3.4	0.145	0.3	2.4	34	44.9
83D02	2005	1359	11	369981	5763137	6		2.24	30.3	0.049	0.33	2.8	0.9	65	0.025	18.8	0.06	0.03	0.34	2.8	0.126	0.1	2.0	33	59.5
83D02	2005	1360	11	369525	5763818	6		2.41	16.7	0.040	0.61	3.9	1.1	631	0.013	13.5	0.09	0.04	0.72	2.7	0.191	<0.1	7.3	40	58.8
83D11	2005	1362	11	351621	5825695	6		0.31	22.5	0.071	0.45	1.8	0.3	34	0.012	8.8	0.05	<0.02	0.22	7.0	0.085	<0.1	1.2	23	47.7
83D11	2005	1363	11	353307	5824199	6	10	0.69	32.7	0.094	0.62	2.8	0.6	47	0.014	14.7	0.05	0.02	0.33	9.4	0.135	<0.1	1.9	32	52.9
83D11	2005	1364	11	353307	5824199	6	20	0.80	31.2	0.106	0.63	3.0	0.6	47	0.014	16.2	0.04	0.03	0.32	10.4	0.143	<0.1	2.1	32	54.7
83D11	2005	1366	11	351622	5825334	6		0.70	41.2	0.095	0.47	3.3	0.9	66	0.012	15.1	0.04	0.02	0.28	6.7	0.119	0.2	3.9	40	64.0
83D11	2005	1367	11	351105	5824360	6		0.67	63.1	0.065	0.52	2.0	0.8	92	0.011	13.4	0.08	0.02	0.44	7.4	0.097	<0.1	2.8	29	96.8
83D11	2005	1368	11	351192	5826634	6		0.70	33.8	0.061	0.57	3.2	0.4	85	0.020	8.0	0.05	0.02	0.36	13.5	0.112	<0.1	3.1	30	69.4
83D11	2005	1369	11	349436	5822341	6		0.56	28.7	0.051	0.43	2.6	0.6	50	0.009	10.3	0.05	<0.02	0.24	3.9	0.980	<0.1	2.3	41	62.0
83D11	2005	1370	11	349591	5828145	6		0.83	35.1	0.109	0.35	2.6	0.7	51	0.011	14.1	0.05	<0.02	0.22	11.4	0.087	<0.1	2.3	26	53.0
83D11	2005	1371	11	350503	5827698	6		0.53	30.9	0.073	0.31	1.9	0.5	73	0.011	10.1	0.03	<0.02	0.24	9.6	0.081	<0.1	2.2	20	42.0
83D11	2005	1372	11	346242	5827252	6		0.51	37.9	0.081	0.69	2.2	0.3	46	0.015	11.0	0.04	0.02	0.39	11.0	0.113	<0.1	2.2	32	76.3
83D11	2005	1373	11	345344	5827812	6		0.25	21.4	0.068	0.33	1.3	0.1	33	0.009	10.3	0.03	<0.02	0.18	6.3	0.065	<0.1	1.3	18	38.9
83D11	2005	1374	11	345569	5827307	6		0.36	22.9	0.062	0.47	1.6	0.1	45	0.015	7.3	0.09	0.02	0.19	4.4	0.064	<0.1	0.9	25	34.1
83D06	2005	1375	11	362465	5816769	6		0.75	40.2	0.255	1.11	5.0	0.5	47	0.021	18.0	<0.01	<0.02	0.44	2.8	0.293	0.3	4.1	72	80.9
83D06	2005	1376	11	363394	5816573	6		0.67	31.4	0.347	1.09	5.7	0.2	30	0.019	17.7	0.01	<0.02	0.45	7.4	0.247	0.3	2.5	69	66.5
83D07	2005	1377	11	364794	5816423	6		0.85	58.8	0.234	0.92	4.5	0.4	60	0.015	20.7	0.02	0.02	0.43	3.1	0.254	0.4	3.9	69	75.6
83D07	2005	1378	11	364813	5816262	6		0.88	17.5	0.262	0.75	3.5	0.1	20	0.017	15.2	<0.01	<0.02	0.29	14.7	0.165	0.6	2.7	41	59.3
83D06	2005	1379	11	362225	5813066	6		0.72	16.7	0.343	0.83	3.8	0.3	24	0.011	12.7	0.03	<0.02	0.45	18.3	0.193	0.3	12.9	43	63.7
83D06	2005	1380	11	362299	5812865	6		1.71	36.6	0.211	1.16	4.3	0.3	41	0.029	14.4	0.05	0.02	0.56	4.8	0.234	0.3	2.9	54	82.1
83D06	2005	1382	11	361041	5810185	6		1.92	27.8	0.266	0.85	4.0	0.3	42	0.028	16.4	0.03	<0.02	0.39	2.5	0.229	0.2	1.0	54	80.1
83D06	2005	1383	11	360671	5810656	6		1.19	13.3	0.336	1.26	7.4	0.2	48	0.011	9.1	0.01	<0.02	0.48	8.7	0.305	0.4	3.9	54	79.7
83D06	2005	1384	11	360282	5810509	6		2.40	50.9	0.126	1.36	4.8	0.3	69	0.037	18.7	0.21	0.06	0.63	4.8	0.256	<0.1	1.9	57	83.8
83D06	2005	1385	11	357177	5805381	6	10	0.91	42.3	0.160	0.73	3.9	1.1	50	0.025	43.3	0.10	0.05	0.29	5.0	0.191	0.1	1.5	52	66.6
83D06	2005	1386	11	357177	5805381	6	20	1.01	48.2	0.146	0.79	4.2	1.3	59	0.024	43.8	0.11	0.04	0.34	4.0	0.205	<0.1	1.5	57	72.7
83D06	2005	1387	11	360470	5804555	6		1.37	42.6	0.156	1.30	5.2	0.2	44	0.036	21.2	0.31	0.03	0.42	3.6	0.256	0.2	0.8	55	56.9
83D06	2005	1388	11	359557	5804784	6		2.30	57.8	0.127	1.02	4.9	2.1	87	0.041	72.7	0.24	0.07	0.49	4.4	0.268	0.2	3.4	66	95.0
83D06	2005	1389	11	356234	5802226	6		1.36	29.5	0.094	1.24	5.2	0.6	88	0.029	14.0	0.22	0.03	0.51	5.2	0.244	<0.1	1.6	57	60.4
83D06	2005	1390	11	357273	5802031	6		1.06	22.6	0.085	1.23	4.7	0.4	80	0.026	9.0	0.18	0.03	0.56	5.9	0.251	<0.1	1.4	52	64.0
83D06	2005	1391	11	346958	5802751	6		0.31	21.3	0.096	0.39	2.9	0.4	39	0.007	25.2	0.01	0.03	0.22	6.5	0.120	<0.1	0.9	38	47.4
83D06	2005	1392	11	347401	5802252	6		0.51	24.2	0.064	0.33	2.8	0.4	56	0.009	22.0	0.03	0.02	0.22	6.2	0.082	<0.1	1.2	31	46.2
83D06	2005	1393	11	342358	5799864	6		1.30	24.8	0.097	0.49	3.1	0.6	60	0.032	29.0	0.18	0.05	0.28	4.9	0.109	2.2	3.4	36	56.6
83D06	2005	1395	11	342412	5800093	6		0.74	17.8	0.090	0.32	1.9	0.3	45	0.016	15.2	0.22	0.02	0.18	5.2	0.078	2.8	1.7	22	32.2
83D06	2005	1396	11	335946	5803940	6		0.40	27.9	0.078	0.46	1.8	0.2	33	0.020	17.2	0.04	0.02	0.26	7.3	0.081	0.2	1.7	21	36.3
83D06	2005	1397	11	335855	5804199	6		0.43	28.3	0.119	0.34	1.8	0.3	32	0.021	28.2	0.10	0.02	0.24	8.3	0.081	3.9	3.4	21	43.3
83D06	2005	1398	11	338697	5805147	6		0.68	27.6	0.070	0.24	1.9	0.6	43	0.009	21.5	0.05	0.02	0.21	6.2	0.061	0.3	1.5	23	47.6
83D03	2005	1399	11	331803	5777335	6		1.83	36.9	0.074	0.16	1.6	2.7	124	0.008	29.8	0.10	0.02	0.19	1.0	0.071	<0.1	30.3	33	102.9
83D03	2005	1400	11	330866	5777971	6		2.81	31.0	0.072	0.23	3.0	1.5	188	0.011	22.1	0.07	0.03	0.29	1.4	0.113	0.1	12.9	39	100.2

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
83D03	2005	1402	11	330698	5777745	6		1.72	0.05	0.7	64.8	0.49	1	0.11	0.35	44.8	12.9	27.47	7.2	0.3	3.09	15.0	17.16	0.78	344	16
83D03	2005	1403	11	334065	5782482	6		1.31	0.04	0.7	57.6	0.37	1	0.18	0.50	20.8	8.1	14.50	4.8	0.4	1.49	15.4	8.30	0.33	350	21
83D03	2005	1404	11	334091	5782803	6		1.62	0.08	0.9	60.7	0.46	2	0.51	0.64	25.7	20.2	19.85	4.9	0.5	1.78	13.8	12.88	0.37	930	55
83D03	2005	1405	11	334169	5784329	6		1.66	0.08	1.0	56.0	0.45	1	0.24	0.60	31.0	9.4	16.10	5.7	<0.2	1.58	13.9	11.98	0.47	438	47
83D03	2005	1406	11	334463	5784380	6		1.27	0.02	0.4	46.5	0.19	1	0.19	0.58	25.2	14.5	21.51	4.1	0.3	1.69	21.1	6.79	0.43	304	12
83D03	2005	1407	11	333569	5786829	6		1.65	0.03	0.5	50.2	0.21	2	0.27	0.81	31.1	37.5	34.66	4.7	0.4	2.19	19.9	9.02	0.50	459	20
83D03	2005	1408	11	333354	5787841	6		2.25	0.07	1.1	102.6	0.52	2	0.38	0.98	51.2	18.9	32.58	7.9	0.7	2.75	18.5	15.33	0.77	408	45
83D03	2005	1410	11	331867	5788941	6		1.22	0.10	1.0	35.4	1.27	1	0.29	0.19	13.6	9.0	22.76	3.9	2.0	1.20	8.4	13.55	0.18	665	53
83D03	2005	1411	11	331629	5789023	6		1.75	0.04	0.5	91.8	0.42	1	0.14	0.55	46.1	14.3	29.52	6.6	<0.2	2.78	16.6	7.78	0.84	289	10
83D11	2005	1412	11	348615	5839138	6	10	1.35	0.02	<0.1	72.3	0.29	1	0.12	0.44	31.6	36.4	42.25	4.6	0.9	2.39	33.3	8.19	0.71	478	16
83D11	2005	1413	11	348615	5839138	6	20	1.44	0.02	<0.1	72.3	0.25	2	0.12	0.45	32.3	36.2	44.17	4.7	0.4	2.52	33.1	7.91	0.75	491	18
83D11	2005	1414	11	352582	5834846	6		1.11	0.02	<0.1	71.5	0.24	<1	0.08	0.38	25.8	16.2	25.65	3.8	0.7	1.87	38.8	5.05	0.57	239	11
83D11	2005	1415	11	354228	5832422	6		1.58	<0.02	<0.1	68.7	0.27	<1	0.05	0.22	34.9	15.0	35.84	5.1	0.7	2.93	33.4	7.12	0.80	338	12
83D11	2005	1416	11	355523	5831307	6		0.91	0.02	<0.1	57.3	0.21	<1	0.05	0.31	22.9	9.2	20.41	2.8	0.9	1.51	25.0	3.77	0.42	215	16
83D11	2005	1417	11	356427	5830410	6		1.19	0.02	0.2	57.4	0.20	1	0.08	0.24	26.7	11.0	18.55	4.0	<0.2	1.87	21.6	5.76	0.53	364	21
83D11	2005	1418	11	356546	5824648	6		1.12	<0.02	<0.1	69.3	0.29	<1	0.08	0.25	24.0	10.3	20.45	3.8	0.8	1.91	36.2	4.85	0.51	357	18
83D11	2005	1419	11	357202	5822316	6		1.81	0.05	0.6	106.6	0.21	2	0.94	0.67	37.7	15.9	32.69	7.5	0.5	2.91	17.0	29.62	0.75	641	38
83D06	2005	1420	11	354224	5810312	6		1.92	0.02	0.3	116.0	0.24	2	0.23	0.60	38.4	122.5	46.02	5.7	0.8	2.50	31.2	5.95	0.82	1268	27
83D06	2005	1422	11	352668	5806948	6		1.81	<0.02	0.3	256.8	0.21	<1	0.02	0.41	58.9	15.0	51.05	7.5	1.1	2.95	7.3	2.90	1.07	220	<5
83D03	2005	1423	11	352926	5785186	6		2.07	0.02	0.3	179.6	0.25	1	0.09	0.31	47.0	15.3	47.23	8.0	0.8	3.71	15.1	7.39	1.09	493	9
83D03	2005	1424	11	354367	5784698	6		1.86	0.02	0.4	185.2	0.26	1	0.08	0.47	66.4	28.8	45.05	7.5	0.4	3.52	26.8	7.17	1.01	464	12
83D03	2005	1425	11	339028	5766089	6		0.80	0.02	0.1	92.8	0.12	<1	0.10	0.29	6.5	3.7	4.14	2.4	0.2	1.37	33.1	8.35	0.14	499	24
83D06	2005	1426	11	353075	5809087	6		0.83	0.04	0.4	53.3	0.22	<1	0.05	0.39	16.0	11.4	29.30	3.3	0.3	1.94	27.7	4.62	0.40	229	<5
83D14	2005	1427	11	343759	5863959	6		0.93	0.08	6.4	11.5	0.26	<1	0.03	0.35	14.7	9.5	16.69	2.7	0.6	2.21	20.4	7.55	0.41	389	8
83D03	2005	1428	11	357671	5777566	6		1.54	<0.02	0.5	160.7	0.23	<1	0.05	0.68	55.5	18.3	41.28	6.4	0.4	3.10	23.2	5.23	0.83	329	9
83D03	2005	1430	11	358394	5777310	6		1.44	0.03	0.6	99.9	0.26	2	0.04	0.49	44.6	10.7	45.57	5.5	1.1	2.42	9.9	5.62	0.71	244	7
83D03	2005	1431	11	361200	5777454	6		1.69	0.03	0.9	75.4	0.24	1	0.03	0.51	58.1	13.9	50.95	6.9	1.0	2.98	8.5	7.08	1.00	320	11
83D03	2005	1432	11	359638	5778043	6	10	1.37	<0.02	0.2	92.8	0.18	1	0.05	0.48	35.0	19.1	41.94	5.3	<0.2	2.30	11.4	4.18	0.61	302	<5
83D03	2005	1433	11	359638	5778043	6	20	1.62	0.02	0.2	109.7	0.20	1	0.07	0.45	37.8	22.3	49.47	6.3	0.5	2.64	9.9	5.07	0.71	362	7
83D03	2005	1434	11	362460	5777905	6		1.44	0.02	<0.1	70.0	0.31	3	0.09	0.57	23.1	13.4	51.96	5.9	0.4	2.53	6.4	7.67	0.65	302	6
83D02	2005	1435	11	364853	5776310	6		1.49	0.04	0.9	76.0	0.56	1	0.05	0.47	42.1	10.9	25.29	5.7	0.4	2.35	11.8	7.25	0.85	230	9
83D02	2005	1436	11	365229	5776552	6		2.09	0.05	0.7	137.0	0.37	1	0.03	0.52	58.2	9.1	35.19	8.0	0.7	3.14	7.8	9.21	1.06	272	15
83D02	2005	1437	11	367098	5780115	6		1.87	0.03	0.4	139.9	0.57	1	0.03	0.54	59.1	10.4	40.46	7.3	1.6	3.00	11.8	7.26	1.04	314	9
83D02	2005	1438	11	369672	5782318	6		1.06	<0.02	0.2	75.8	0.56	1	0.04	0.45	48.8	13.2	38.96	4.3	0.3	2.09	13.5	3.96	0.71	221	7
83D02	2005	1439	11	370083	5782050	6		1.50	0.03	0.5	127.1	1.17	3	0.02	0.32	32.4	8.5	46.63	5.5	0.7	2.74	8.4	5.73	0.66	287	7
83D02	2005	1440	11	371548	5784473	6		1.03	<0.02	0.2	96.3	1.00	<1	0.04	0.30	41.7	8.7	39.24	4.0	0.3	2.07	7.3	4.02	0.56	199	<5
83D02	2005	1442	11	371514	5784824	6		0.75	<0.02	0.5	79.5	0.36	<1	0.01	0.32	30.5	5.8	33.36	2.7	0.3	1.40	5.8	2.33	0.40	134	<5
83D03	2005	1444	11	360966	5783488	6	10	0.92	<0.02	<0.1	41.4	0.32	2	0.03	0.65	13.3	8.2	56.07	2.8	0.9	1.55	8.7	2.88	0.31	149	5
83D03	2005	1445	11	360966	5783488	6	20	1.02	<0.02	<0.1	49.4	0.42	<1	0.03	0.66	15.2	8.0	54.58	3.3	0.6	1.62	9.3	2.96	0.36	165	6
83D03	2005	1446	11	360754	5783726	6		1.72	0.02	0.7	165.6	0.52	<1	0.06	0.32	62.4	12.7	57.10	7.0	0.5	3.53	21.3	8.98	0.92	309	11

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
83D03	2005	1402	11	330698	5777745	6		1.14	31.0	0.063	0.37	3.1	0.9	71	0.014	21.6	0.03	0.05	0.25	4.4	0.117	<0.1	6.4	39	86.1
83D03	2005	1403	11	334065	5782482	6		1.15	16.4	0.060	0.14	1.8	0.4	43	0.011	34.6	0.03	<0.02	0.10	4.1	0.079	0.3	5.5	19	49.3
83D03	2005	1404	11	334091	5782803	6		1.66	25.4	0.080	0.16	2.1	1.8	79	0.014	43.2	0.07	<0.02	0.22	1.9	0.077	0.8	22.1	24	72.0
83D03	2005	1405	11	334169	5784329	6		0.70	19.2	0.081	0.14	2.4	0.8	119	0.012	42.0	0.06	<0.02	0.13	2.3	0.087	0.4	6.2	27	54.0
83D03	2005	1406	11	334463	5784380	6		0.40	34.0	0.093	0.24	2.0	0.7	36	0.039	68.6	0.01	0.03	0.16	7.0	0.082	1.8	3.1	21	64.4
83D03	2005	1407	11	333569	5786829	6		0.39	84.9	0.108	0.27	2.5	1.1	54	0.046	69.7	0.05	0.02	0.21	5.1	0.093	1.7	4.2	25	81.6
83D03	2005	1408	11	333354	5787841	6		0.90	41.1	0.111	0.43	4.0	1.6	116	0.023	59.4	0.06	<0.02	0.43	3.4	0.147	6.5	18.9	43	113.0
83D03	2005	1410	11	331867	5788941	6		0.86	8.2	0.069	0.09	1.0	0.7	97	0.008	10.4	0.06	0.02	0.20	0.3	0.048	0.4	20.8	23	43.3
83D03	2005	1411	11	331629	5789023	6		0.79	33.3	0.109	0.49	3.2	0.5	77	0.028	35.7	0.05	0.02	0.28	5.6	0.137	0.4	10.7	42	81.7
83D11	2005	1412	11	348615	5839138	6	10	0.62	50.9	0.155	0.45	2.8	0.8	102	0.014	11.9	0.03	0.03	0.25	9.7	0.119	<0.1	2.2	28	103.1
83D11	2005	1413	11	348615	5839138	6	20	0.56	51.0	0.163	0.47	2.6	0.7	54	0.014	11.9	0.06	0.02	0.26	10.0	0.119	<0.1	2.1	29	105.2
83D11	2005	1414	11	352582	5834846	6		0.58	26.0	0.146	0.41	2.3	0.7	43	0.012	11.1	0.02	0.03	0.19	11.7	0.980	0.1	2.1	23	53.4
83D11	2005	1415	11	354228	5832422	6		0.59	38.5	0.074	0.47	3.2	0.5	48	0.011	8.9	0.03	0.03	0.27	10.1	0.127	<0.1	1.9	32	92.9
83D11	2005	1416	11	355523	5831307	6		0.36	24.5	0.113	0.28	1.8	0.4	36	0.009	11.8	0.01	<0.02	0.16	6.7	0.071	<0.1	1.4	18	37.0
83D11	2005	1417	11	356427	5830410	6		0.45	22.1	0.067	0.25	2.1	0.3	43	0.008	10.0	0.01	<0.02	0.16	5.1	0.088	<0.1	1.3	23	67.4
83D11	2005	1418	11	356546	5824648	6		0.50	21.9	0.082	0.32	2.1	0.4	75	0.010	13.5	0.01	0.02	0.20	8.2	0.088	<0.1	2.0	23	40.6
83D11	2005	1419	11	357202	5822316	6		2.52	30.4	0.117	0.44	4.0	1.2	207	0.014	18.0	0.02	0.02	0.30	3.1	0.151	0.4	9.2	47	194.5
83D06	2005	1420	11	354224	5810312	6		1.76	137.4	0.183	0.59	3.3	1.2	55	0.024	33.4	0.05	0.03	0.35	4.8	0.140	0.1	1.8	39	201.4
83D06	2005	1422	11	352668	5806948	6		0.99	35.5	0.149	1.33	4.7	0.3	30	0.036	21.2	0.19	0.03	0.39	2.8	0.242	0.1	0.7	47	52.3
83D03	2005	1423	11	352926	5785186	6		1.09	30.6	0.078	0.92	4.5	0.9	48	0.021	24.5	0.11	0.08	0.36	5.0	0.207	<0.1	1.3	45	66.4
83D03	2005	1424	11	354367	5784698	6		2.02	38.7	0.169	0.86	4.3	0.8	45	0.024	33.1	0.10	0.04	0.33	10.5	0.200	0.3	1.9	46	78.8
83D03	2005	1425	11	339028	5766089	6		0.84	3.9	0.100	0.10	1.5	0.2	33	0.007	19.3	0.02	<0.02	0.07	7.5	0.014	<0.1	3.4	14	58.2
83D06	2005	1426	11	353075	5809087	6		0.82	16.0	0.111	0.26	2.4	0.3	24	0.011	9.6	0.03	0.03	0.14	10.0	0.089	<0.1	1.6	27	43.8
83D14	2005	1427	11	343759	5863959	6		0.23	22.0	0.059	0.05	1.0	0.7	36	0.002	15.5	0.01	0.03	0.04	8.4	0.016	<0.1	1.6	7	52.6
83D03	2005	1428	11	357671	5777566	6		1.78	35.1	0.241	0.66	3.6	0.4	38	0.041	64.2	0.06	0.04	0.29	7.8	0.171	0.2	1.2	54	58.4
83D03	2005	1430	11	358394	5777310	6		1.16	21.2	0.110	0.67	3.8	0.4	30	0.037	27.6	0.13	0.02	0.32	4.1	0.166	0.2	1.9	38	52.9
83D03	2005	1431	11	361200	5777454	6		1.03	35.6	0.085	0.50	4.4	0.5	31	0.024	15.5	0.15	0.02	0.24	3.8	0.181	0.2	1.6	49	58.2
83D03	2005	1432	11	359638	5778043	6	10	1.80	27.9	0.112	0.48	3.7	0.4	44	0.038	20.8	0.08	0.03	0.24	5.3	0.148	0.4	2.2	41	50.8
83D03	2005	1433	11	359638	5778043	6	20	1.93	31.9	0.105	0.57	4.1	0.5	38	0.037	22.3	0.08	0.03	0.26	4.5	0.176	0.4	1.5	47	61.1
83D03	2005	1434	11	362460	5777905	6		0.70	19.0	0.090	0.45	3.6	0.5	45	0.029	24.6	0.14	0.02	0.22	3.1	0.170	0.2	2.0	38	57.7
83D02	2005	1435	11	364853	5776310	6		0.87	40.5	0.093	0.52	3.2	0.5	44	0.035	30.9	0.08	0.03	0.24	4.4	0.142	0.7	2.5	31	45.2
83D02	2005	1436	11	365229	5776552	6		1.31	28.9	0.052	0.97	5.0	0.4	58	0.037	49.7	0.18	0.02	0.44	3.2	0.232	0.5	2.4	47	66.1
83D02	2005	1437	11	367098	5780115	6		1.33	28.1	0.097	0.88	5.6	0.3	54	0.051	26.7	0.28	0.03	0.38	4.1	0.221	0.3	3.3	51	58.4
83D02	2005	1438	11	369672	5782318	6		1.21	29.2	0.143	0.55	2.8	0.4	43	0.031	19.1	0.27	0.03	0.24	5.4	0.118	0.6	3.9	31	39.3
83D02	2005	1439	11	370083	5782050	6		1.42	15.4	0.069	0.83	3.4	0.3	36	0.035	14.7	0.24	0.02	0.42	3.1	0.202	0.2	5.4	33	60.2
83D02	2005	1440	11	371548	5784473	6		1.34	22.0	0.092	0.53	2.7	0.2	37	0.021	9.0	0.36	0.02	0.25	3.1	0.137	0.2	2.5	29	39.9
83D02	2005	1442	11	371514	5784824	6		1.14	16.6	0.096	0.35	2.0	0.2	30	0.021	14.5	0.19	<0.02	0.17	2.3	0.097	0.2	0.9	21	22.6
83D03	2005	1444	11	360966	5783488	6	10	0.70	16.5	0.154	0.24	1.9	0.3	34	0.034	22.2	0.28	<0.02	0.11	3.6	0.089	<0.1	2.3	21	20.5
83D03	2005	1445	11	360966	5783488	6	20	0.82	16.4	0.147	0.28	2.2	0.3	33	0.037	23.0	0.22	0.03	0.14	4.1	0.103	0.1	2.4	22	24.9
83D03	2005	1446	11	360754	5783726	6		3.69	32.5	0.142	0.73	4.2	0.5	62	0.023	34.2	0.22	0.04	0.36	6.2	0.194	0.4	2.3	47	62.9

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
83D03	2005	1447	11	358720	5785183	6		1.67	0.03	0.8	201.7	0.35	1	0.08	0.43	66.0	24.4	54.76	6.1	0.5	3.06	17.1	9.57	0.95	442	16
83D03	2005	1448	11	347625	5784629	6		1.71	0.03	0.7	123.0	0.19	1	0.10	0.27	42.3	15.2	24.87	6.8	0.9	2.93	19.0	6.69	0.75	508	24
83D03	2005	1449	11	349473	5785834	6		1.84	0.04	0.3	123.2	0.21	1	0.20	0.35	34.1	21.9	28.91	6.2	2.9	3.12	14.5	7.83	0.65	921	45
83D03	2005	1450	11	353517	5790998	6		2.35	0.02	0.4	205.9	0.36	1	0.12	0.39	61.1	22.0	40.98	8.5	0.8	3.88	14.1	7.33	1.14	468	20
83D06	2005	1451	11	343091	5791450	6		1.94	0.02	0.7	85.3	0.42	1	0.13	0.86	47.8	14.6	29.59	6.4	0.6	2.78	12.5	6.94	0.90	369	12
83D06	2005	1452	11	339368	5793135	6		2.17	0.02	1.6	88.9	0.58	1	0.08	0.97	55.0	14.1	35.97	7.7	0.6	2.94	15.0	9.08	0.89	325	<5
83D03	2005	1453	11	330732	5771763	6		1.69	0.04	0.6	99.8	0.18	2	0.37	0.35	30.1	9.8	15.10	5.6	0.3	1.99	17.3	13.25	0.40	450	45
83D06	2005	1454	11	333910	5796010	6		1.70	0.02	0.6	98.2	0.37	2	0.08	0.43	42.9	15.6	35.47	6.3	0.4	2.66	17.0	6.43	0.71	273	10
83D06	2005	1455	11	333330	5796776	6		1.33	<0.02	<0.1	73.7	0.22	<1	0.03	0.43	34.9	10.1	30.72	4.6	0.3	1.92	13.0	3.83	0.59	134	<5
83D06	2005	1456	11	336570	5794601	6		1.66	<0.02	0.5	102.4	0.27	1	0.08	0.98	42.1	13.4	35.99	5.8	<0.2	2.53	12.5	5.38	0.87	248	<5
83D06	2005	1457	11	334595	5795328	6		1.83	0.02	0.8	106.3	0.40	1	0.14	0.63	46.8	15.0	38.02	6.0	0.5	2.91	13.1	7.32	0.79	298	9
83D06	2005	1458	11	333606	5796867	6		1.24	0.02	0.9	51.0	0.88	<1	0.10	0.26	27.2	9.3	17.75	4.0	0.3	1.86	19.1	8.10	0.54	200	6
83D11	2005	1459	11	357503	5819860	6		1.86	0.02	0.1	195.0	0.05	1	0.25	1.05	54.5	17.4	27.60	9.1	0.2	4.26	9.3	11.22	1.24	873	11
83D06	2005	1460	11	357940	5817850	6		1.07	0.02	0.2	103.9	0.08	4	0.15	1.04	30.1	8.8	21.91	4.9	1.0	2.21	17.2	4.22	0.61	379	19
83D06	2005	1462	11	358277	5817082	6	10	1.56	<0.02	0.4	154.7	0.13	<1	0.04	0.79	37.4	12.8	20.01	8.1	0.3	3.04	16.3	3.38	1.02	398	6
83D06	2005	1463	11	358277	5817082	6	20	1.43	<0.02	0.2	137.6	0.11	<1	0.04	0.77	34.6	11.9	17.80	7.6	<0.2	2.75	15.1	3.06	0.92	365	<5
83D06	2005	1464	11	358437	5817332	6		0.67	<0.02	0.3	61.8	0.05	1	0.03	0.89	16.4	5.8	14.74	3.3	<0.2	1.60	16.2	1.93	0.40	219	<5
83D06	2005	1465	11	352507	5802774	6		1.77	<0.02	0.3	184.8	0.43	<1	0.03	0.20	43.8	12.5	43.79	6.6	1.3	2.96	18.4	4.81	0.92	245	6
83D06	2005	1466	11	351985	5798548	6		1.60	0.02	0.3	188.3	0.29	1	0.07	0.30	42.8	16.3	29.08	5.8	1.0	2.84	21.4	4.97	0.85	333	10
83D06	2005	1467	11	352052	5795281	6		1.14	0.03	0.7	224.9	0.16	1	0.08	0.38	59.6	11.6	25.27	4.0	0.2	2.07	25.1	4.85	0.56	292	12
83D06	2005	1468	11	355343	5796814	6		1.91	0.02	0.7	195.9	0.34	1	0.10	0.25	49.1	27.4	50.37	6.9	0.5	3.25	23.6	6.33	0.97	425	12
83D06	2005	1469	11	356406	5795990	6		2.08	0.05	1.6	141.9	0.35	5	0.36	0.35	53.8	28.2	33.82	7.7	0.7	3.16	14.1	11.39	0.82	849	45
83D06	2005	1470	11	356491	5795742	6		2.35	0.05	0.5	262.2	0.46	1	0.11	0.25	56.1	20.7	55.51	8.8	0.9	4.22	10.1	6.97	1.22	385	13
83D06	2005	1471	11	359868	5792882	6		1.91	0.03	0.4	203.0	0.36	<1	0.07	0.31	51.5	17.9	36.87	7.0	0.6	3.18	11.3	5.09	0.98	327	8
83D03	2005	1472	11	358298	5763080	6		1.53	<0.02	0.3	124.3	0.12	<1	0.05	0.47	34.5	9.0	18.66	6.1	<0.2	1.91	12.6	6.61	0.58	250	<5
83D03	2005	1473	11	356996	5766187	6		2.11	0.04	0.6	110.0	0.15	2	0.23	0.85	43.3	14.2	27.29	6.6	0.2	2.48	9.9	14.56	0.64	479	30
83D02	2005	1474	11	364067	5769450	6		1.02	0.02	0.1	49.7	0.10	1	0.04	0.79	16.2	7.5	31.52	3.3	<0.2	1.18	5.4	3.47	0.26	126	<5
83D07	2005	1476	11	367375	5794025	6		1.35	0.03	2.0	165.3	0.26	1	0.02	0.30	37.8	7.9	55.29	4.7	0.6	2.69	6.8	3.05	0.68	265	<5
83D07	2005	1477	11	372629	5795687	6		2.48	0.06	1.3	117.8	0.59	1	0.06	0.14	34.9	12.4	57.30	7.2	0.5	4.00	31.5	11.81	0.90	304	41
83D07	2005	1478	11	372844	5795590	6		1.96	0.04	0.3	186.2	0.90	<1	0.07	0.35	35.7	10.9	44.17	6.7	0.5	3.07	29.1	6.11	1.12	308	<5
83D03	2005	1479	11	361708	5768974	6		1.48	<0.02	0.4	76.3	0.17	1	0.04	0.61	54.1	8.8	30.72	4.8	0.4	1.92	9.3	4.40	0.59	195	<5
83D03	2005	1480	11	352847	5764324	6		1.15	0.03	0.9	38.1	0.36	2	0.09	0.42	21.4	7.1	11.21	4.3	0.4	1.70	17.9	9.28	0.36	357	6
83D07	2005	1482	11	367927	5799422	6		1.74	0.02	0.3	127.4	0.46	1	0.03	0.24	32.3	8.2	38.69	6.1	1.1	3.03	22.3	5.75	0.99	231	<5
83D07	2005	1483	11	368042	5799387	6	10	1.39	<0.02	0.4	165.0	0.22	1	0.02	0.45	38.6	14.3	53.52	5.1	0.7	2.26	9.1	2.36	0.74	194	<5
83D07	2005	1484	11	368042	5799387	6	20	1.51	<0.02	0.4	184.7	0.21	1	0.02	0.44	42.5	14.1	52.70	5.6	0.8	2.41	8.1	2.44	0.83	210	<5
83D03	2005	1485	11	356150	5769014	6		1.06	0.03	1.4	44.0	0.28	1	0.10	0.46	35.5	12.1	28.67	3.9	0.5	1.93	16.8	8.69	0.60	297	<5
83D03	2005	1487	11	356682	5769794	6		1.12	0.02	0.5	55.8	0.23	1	0.04	0.46	33.2	10.0	22.06	4.2	0.7	1.87	11.2	5.02	0.86	194	<5
83D03	2005	1488	11	356486	5769915	6		1.72	0.02	0.8	92.3	0.19	<1	0.07	0.32	33.8	10.9	36.23	6.0	0.5	2.22	12.8	5.38	0.71	260	7
83D03	2005	1489	11	360934	5768096	6		1.78	<0.02	0.2	125.0	0.19	<1	0.05	0.78	41.2	12.0	37.54	6.2	<0.2	2.49	9.5	4.94	0.84	259	<5
83D02	2005	1490	11	363727	5768607	6		1.05	<0.02	0.3	71.4	0.26	<1	0.05	0.43	31.6	7.1	26.36	3.9	0.2	1.41	8.4	5.52	0.43	168	<5

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
83D03	2005	1447	11	358720	5785183	6		3.84	41.5	0.180	0.80	4.2	0.7	55	0.023	37.3	0.15	0.04	0.36	4.9	0.195	0.4	1.3	49	58.6
83D03	2005	1448	11	347625	5784629	6		1.14	30.1	0.066	0.46	3.2	0.6	56	0.013	17.4	0.04	0.03	0.22	4.5	0.154	0.2	1.1	51	70.8
83D03	2005	1449	11	349473	5785834	6		1.24	31.8	0.075	0.45	3.3	1.5	87	0.013	16.7	0.08	0.03	0.25	3.3	0.144	0.1	1.4	47	72.7
83D03	2005	1450	11	353517	5790998	6		1.42	52.8	0.110	1.01	4.9	0.8	91	0.026	22.0	0.12	0.02	0.45	3.9	0.235	0.2	1.7	54	77.7
83D06	2005	1451	11	343091	5791450	6		0.52	38.6	0.138	0.43	3.0	0.7	61	0.035	53.4	0.11	0.03	0.24	4.1	0.180	0.8	3.9	41	60.1
83D06	2005	1452	11	339368	5793135	6		0.44	43.6	0.159	0.43	3.6	0.4	57	0.032	69.1	0.11	0.02	0.23	6.2	0.160	3.9	4.1	40	60.3
83D03	2005	1453	11	330732	5771763	6		0.82	21.7	0.075	0.16	2.1	0.7	71	0.010	29.2	0.04	<0.02	0.13	2.3	0.074	0.1	4.0	31	86.9
83D06	2005	1454	11	333910	5796010	6		0.54	38.2	0.110	0.52	3.1	0.5	43	0.023	25.3	0.09	0.03	0.25	6.0	0.155	1.4	2.0	36	54.6
83D06	2005	1455	11	333330	5796776	6		0.42	27.5	0.106	0.41	2.0	0.2	29	0.024	20.9	0.15	0.02	0.18	5.0	0.103	0.2	1.7	23	41.4
83D06	2005	1456	11	336570	5794601	6		0.43	35.8	0.121	0.49	3.0	0.3	43	0.033	48.3	0.17	0.02	0.27	4.9	0.140	3.2	1.4	33	55.4
83D06	2005	1457	11	334595	5795328	6		0.68	35.8	0.113	0.48	3.2	0.6	55	0.027	47.0	0.09	0.03	0.28	4.6	0.154	0.5	1.7	39	59.5
83D06	2005	1458	11	333606	5796867	6		0.44	19.3	0.073	0.35	1.7	0.4	40	0.017	14.7	0.04	0.02	0.26	6.0	0.078	1.4	9.8	20	44.6
83D11	2005	1459	11	357503	5819860	6		1.08	27.5	0.299	0.95	5.5	0.8	49	0.029	20.5	0.03	0.02	0.28	2.2	0.234	0.3	4.7	72	116.0
83D06	2005	1460	11	357940	5817850	6		1.02	13.9	0.374	0.47	2.9	1.0	40	0.016	17.8	0.02	<0.02	0.22	10.2	0.144	1.2	4.8	36	51.0
83D06	2005	1462	11	358277	5817082	6	10	0.98	23.1	0.292	0.95	4.4	0.1	20	0.019	13.5	0.02	<0.02	0.43	10.3	0.225	0.3	3.2	47	64.8
83D06	2005	1463	11	358277	5817082	6	20	0.97	20.5	0.300	0.87	4.0	0.2	19	0.016	12.7	0.01	<0.02	0.40	9.1	0.213	0.3	2.7	43	60.2
83D06	2005	1464	11	358437	5817332	6		0.56	8.3	0.345	0.32	2.1	0.2	12	0.011	14.0	0.02	<0.02	0.13	13.0	0.094	0.8	2.3	22	27.8
83D06	2005	1465	11	352507	5802774	6		0.99	23.7	0.101	1.00	4.2	0.4	40	0.024	10.4	0.12	0.03	0.41	5.8	0.214	<0.1	1.4	41	54.9
83D06	2005	1466	11	351985	5798548	6		1.30	28.9	0.123	0.79	3.7	0.6	38	0.023	32.8	0.08	0.02	0.36	4.9	0.194	0.2	1.1	42	54.4
83D06	2005	1467	11	352052	5795281	6		2.13	26.9	0.114	0.33	2.8	0.4	34	0.020	72.7	0.03	<0.02	0.19	6.1	0.134	0.4	1.0	44	43.3
83D06	2005	1468	11	355343	5796814	6		0.78	39.2	0.115	1.01	4.6	0.6	51	0.027	19.6	0.08	<0.02	0.43	6.8	0.216	<0.1	1.5	46	66.7
83D06	2005	1469	11	356406	5795990	6		1.44	50.1	0.091	0.65	3.5	1.5	94	0.020	25.0	0.07	0.02	0.37	2.1	0.195	<0.1	1.3	44	79.3
83D06	2005	1470	11	356491	5795742	6		1.02	33.7	0.101	1.42	5.5	0.8	84	0.035	17.3	0.18	0.06	0.57	3.4	0.307	<0.1	1.0	58	86.2
83D06	2005	1471	11	359868	5792882	6		0.82	29.7	0.116	1.02	4.5	0.6	44	0.032	20.1	0.12	0.03	0.39	3.5	0.222	0.1	1.0	44	60.6
83D03	2005	1472	11	358298	5763080	6		0.77	21.0	0.076	0.53	3.7	0.4	30	0.024	36.3	0.03	<0.02	0.24	4.7	0.145	<0.1	3.5	32	50.6
83D03	2005	1473	11	356996	5766187	6		0.79	40.4	0.140	0.41	4.2	1.4	98	0.026	64.7	0.07	<0.02	0.26	2.1	0.163	0.1	8.7	43	84.4
83D02	2005	1474	11	364067	5769450	6		0.27	21.0	0.089	0.25	1.7	0.2	35	0.049	61.9	0.21	<0.02	0.11	2.3	0.074	<0.1	3.5	15	20.7
83D07	2005	1476	11	367375	5794025	6		1.96	14.5	0.084	0.65	3.7	0.4	36	0.033	16.7	0.12	0.02	0.33	2.8	0.174	0.4	0.8	41	40.0
83D07	2005	1477	11	372629	5795687	6		2.04	17.9	0.065	0.68	3.7	1.4	91	0.024	12.5	0.10	0.02	0.34	7.0	0.207	0.1	2.9	44	54.2
83D07	2005	1478	11	372844	5795590	6		1.09	17.0	0.137	1.11	4.2	0.6	48	0.031	10.4	0.10	0.05	0.43	10.1	0.252	0.2	3.0	43	60.9
83D03	2005	1479	11	361708	5768974	6		0.50	32.2	0.107	0.40	2.9	0.3	30	0.047	51.3	0.06	0.02	0.20	3.3	0.128	0.2	2.1	29	35.0
83D03	2005	1480	11	352847	5764324	6		0.47	14.3	0.090	0.11	1.7	0.5	32	0.014	57.5	0.03	<0.02	0.12	4.7	0.057	0.7	8.3	19	53.1
83D07	2005	1482	11	367927	5799422	6		0.92	13.8	0.107	0.99	3.9	0.5	47	0.027	7.0	0.13	0.02	0.37	8.2	0.218	<0.1	1.8	40	51.5
83D07	2005	1483	11	368042	5799387	6	10	1.13	36.3	0.149	0.80	3.5	0.4	33	0.038	23.7	0.31	0.04	0.27	4.1	0.180	0.2	0.8	34	37.5
83D07	2005	1484	11	368042	5799387	6	20	0.83	36.6	0.144	0.92	3.8	0.4	29	0.037	23.6	0.32	0.05	0.30	3.5	0.199	0.2	0.7	39	40.4
83D03	2005	1485	11	356150	5769014	6		0.76	51.0	0.121	0.15	2.2	0.5	41	0.025	56.0	0.13	<0.02	0.10	6.2	0.067	0.6	11.1	24	46.0
83D03	2005	1487	11	356682	5769794	6		0.91	41.9	0.137	0.33	2.8	0.4	23	0.025	28.7	0.04	<0.02	0.18	4.1	0.108	0.2	2.0	25	40.7
83D03	2005	1488	11	356486	5769915	6		0.48	22.1	0.064	0.40	3.8	0.5	33	0.022	20.9	0.02	0.03	0.26	4.1	0.161	0.1	1.6	42	51.5
83D03	2005	1489	11	360934	5768096	6		0.51	33.1	0.990	0.65	3.8	0.2	31	0.033	38.7	0.07	0.02	0.32	3.4	0.189	0.3	3.5	37	52.9
83D02	2005	1490	11	363727	5768607	6		0.31	26.1	0.092	0.40	2.7	0.1	24	0.027	22.4	<0.01	0.02	0.22	3.2	0.126	0.2	3.2	22	35.8

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
83D02	2005	1491	11	365625	5768407	6		1.02	<0.02	<0.1	79.6	0.11	<1	0.02	0.28	25.1	6.0	17.53	3.7	0.2	1.33	7.8	3.30	0.38	145	<5
83D02	2005	1492	11	367833	5769050	6		1.68	<0.02	0.5	71.3	0.26	1	0.09	2.93	34.9	12.7	84.74	5.5	0.4	2.48	6.8	4.48	0.65	285	<5
83D02	2005	1493	11	369576	5769764	6		2.49	<0.02	0.1	173.0	0.24	1	0.04	0.69	70.7	15.7	45.50	8.3	<0.2	3.62	7.8	5.53	1.04	207	<5
83D02	2005	1494	11	370143	5769114	6		1.93	0.02	0.5	74.2	0.36	1	0.10	1.36	33.3	13.1	47.55	6.0	0.6	2.34	9.3	5.48	0.55	281	7
83D02	2005	1495	11	379370	5769632	6		0.83	0.02	0.1	63.8	0.32	1	0.09	0.69	13.4	8.5	49.91	3.4	0.7	1.63	5.5	2.59	0.35	255	8
83D02	2005	1496	11	377922	5770326	6		1.30	0.03	0.6	95.6	0.14	<1	0.02	0.38	30.3	7.7	47.36	5.0	<0.2	2.11	8.2	4.37	0.49	190	6
83D02	2005	1497	11	377912	5770032	6		1.31	<0.02	0.5	70.8	0.15	1	0.04	0.53	29.5	9.7	29.54	4.6	0.8	1.80	7.0	3.43	0.40	138	<5
83D02	2005	1498	11	379160	5769228	6		1.61	0.02	0.6	57.9	0.44	1	0.06	0.71	41.1	13.2	29.70	5.5	0.7	2.14	8.6	6.12	0.56	217	<5
83D02	2005	1499	11	381610	5768391	6		1.20	0.03	6.7	84.1	0.24	1	0.13	0.37	20.4	10.5	31.79	4.8	0.6	1.91	9.1	4.36	0.53	276	13
83D02	2005	1500	11	382076	5767682	6		0.69	0.02	<0.1	51.2	0.16	1	0.06	0.54	13.3	6.0	29.98	2.6	0.8	1.23	8.7	2.72	0.29	193	11
83D01	2005	1502	11	412933	5766665	6		1.95	0.04	1.1	122.0	0.29	1	0.25	0.57	31.7	37.2	30.70	5.1	0.9	2.56	23.0	8.30	0.78	572	20
83D01	2005	1503	11	426925	5761839	6		0.67	0.13	6.0	19.7	0.28	3	0.07	0.86	12.6	17.5	22.40	1.8	1.7	2.61	16.0	10.02	0.45	983	12
83D01	2005	1504	11	428713	5762399	6		1.30	0.17	15.3	15.3	0.42	1	0.06	0.31	25.0	19.9	45.26	4.0	1.7	3.56	18.6	12.12	0.69	626	9
83D01	2005	1505	11	428753	5762236	6		0.51	0.20	8.9	68.1	0.31	1	0.30	1.78	10.7	18.6	20.42	1.3	1.5	3.08	13.1	23.10	0.75	1342	15
83D12	2005	1506	11	349805	5855515	6	10	1.10	0.07	3.7	28.9	0.26	1	0.15	0.27	17.8	10.7	20.65	3.4	1.1	2.54	67.8	6.13	0.51	349	11
83D12	2005	1507	11	349805	5855515	6	20	0.96	0.06	3.6	24.1	0.24	1	0.12	0.21	15.4	9.7	17.38	2.9	0.9	2.27	55.7	5.55	0.43	298	9
83D11	2005	2002	11	358689	5846010	6		0.73	0.05	3.8	13.2	0.27	3	0.09	0.17	11.5	20.7	26.41	2.2	1.0	1.85	78.5	5.85	0.39	375	6
83D11	2005	2003	11	361774	5841746	6	10	1.30	0.02	0.4	12.3	0.23	1	0.05	0.11	17.4	9.3	24.63	3.8	0.2	2.79	22.8	3.62	0.76	314	<5
83D11	2005	2004	11	361774	5841746	6	20	1.14	0.02	0.8	14.4	0.27	1	0.07	0.14	15.4	11.0	26.67	3.3	0.6	2.67	31.3	4.55	0.67	333	7
83D11	2005	2006	11	363146	5839818	6		0.79	0.02	1.2	40.3	0.16	<1	0.04	0.27	15.6	8.4	21.98	2.5	0.9	1.71	34.2	4.58	0.47	127	<5
83D10	2005	2007	11	372594	5830539	6		0.83	0.02	0.4	28.3	0.25	1	0.04	0.05	13.0	6.2	16.86	2.5	0.7	2.00	34.8	2.51	0.46	137	8
83D11	2005	2008	11	333969	5843703	6		1.73	0.03	0.7	224.7	0.22	<1	0.04	0.18	51.0	17.7	42.35	6.4	1.9	3.15	26.4	4.51	1.09	277	8
83D11	2005	2009	11	337306	5844528	6		1.21	<0.02	0.1	70.0	0.25	<1	0.01	0.26	24.7	8.3	44.59	4.0	1.1	2.07	43.7	3.02	0.81	78	6
83D07	2005	2010	11	390564	5808900	6		0.90	0.02	0.6	31.9	0.17	<1	0.06	0.31	15.2	13.0	19.24	2.8	1.3	1.80	32.4	6.25	0.49	225	15
83D07	2005	2011	11	389645	5810410	6		0.96	<0.02	0.6	20.3	0.25	2	0.04	0.22	15.6	14.5	29.72	3.0	1.3	2.05	35.4	6.01	0.61	170	5
83D07	2005	2012	11	388477	5811881	1		1.40	0.03	1.1	123.5	0.15	1	0.15	0.58	30.5	12.2	28.64	4.8	0.5	2.39	20.6	9.12	0.72	477	22
83D07	2005	2013	11	397688	5807559	6		0.52	0.04	3.6	24.7	0.18	2	0.02	0.12	8.3	7.6	14.70	1.6	6.4	1.32	18.1	9.01	0.22	234	<5
83D08	2005	2014	11	399082	5808061	6		0.56	0.04	4.1	15.5	0.15	1	0.04	0.29	9.2	6.5	10.22	1.8	0.5	1.49	20.7	7.05	0.29	315	8
83D08	2005	2015	11	400165	5807610	6		0.40	<0.02	0.6	14.6	0.13	1	0.04	1.07	8.7	13.1	23.38	1.2	1.5	1.51	55.1	3.83	0.71	366	<5
83D07	2005	2016	11	393503	5805341	6		0.81	0.05	5.8	37.6	0.18	<1	0.05	0.50	12.5	15.7	41.36	2.3	1.3	2.13	25.0	6.28	0.53	402	12
83D07	2005	2017	11	394696	5805489	6		0.36	<0.02	0.9	16.9	0.09	<1	0.01	0.47	5.8	7.8	11.77	1.1	0.8	1.07	22.7	3.25	0.35	196	5
83D07	2005	2018	11	397259	5806730	6		0.46	0.02	1.5	18.9	0.27	1	0.07	3.90	8.5	19.3	29.95	1.4	1.1	2.71	38.0	8.28	0.77	288	<5
83D08	2005	2019	11	402450	5808586	6		0.88	0.02	2.1	14.9	0.27	<1	0.05	0.27	14.6	10.6	25.25	2.7	1.8	2.23	30.6	7.21	0.48	315	<5
83D08	2005	2020	11	402561	5810648	6		0.93	0.02	3.3	11.8	0.32	<1	0.07	0.41	18.1	11.4	21.70	2.9	2.2	2.24	37.6	5.31	0.61	439	10
83D08	2005	2022	11	402352	5808364	6		1.14	0.08	7.2	14.5	0.22	2	0.04	0.12	21.3	10.7	26.76	3.3	109.7	2.66	22.7	10.34	0.56	322	8
83D07	2005	2023	11	386535	5811966	1		2.10	0.02	0.4	224.7	0.12	2	0.14	0.77	66.5	20.2	50.09	8.0	1.0	3.77	15.5	12.22	1.44	675	17
83D07	2005	2024	11	382907	5812631	6		0.81	<0.02	0.8	77.5	0.08	<1	0.04	0.41	22.0	6.8	16.73	3.2	0.2	1.54	16.0	4.59	0.44	201	10
83D07	2005	2025	11	380476	5816421	6		1.08	0.02	1.2	58.4	0.11	4	0.04	0.54	23.0	11.5	18.84	3.8	0.7	2.19	19.5	4.96	0.61	220	8
83D10	2005	2026	11	378660	5819822	6		1.15	0.02	0.6	63.5	0.19	2	0.04	0.59	21.3	10.0	22.99	3.6	0.4	1.88	29.1	5.47	0.57	216	27
83D10	2005	2027	11	376462	5822791	6		1.06	0.02	1.2	58.7	0.15	2	0.06	0.46	17.8	8.0	17.06	3.3	0.3	1.69	28.6	4.69	0.45	224	25

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
83D02	2005	1491	11	365625	5768407	6		0.52	15.9	0.055	0.42	2.2	0.1	18	0.025	17.6	0.06	<0.02	0.20	3.0	0.116	<0.1	2.3	20	28.5
83D02	2005	1492	11	367833	5769050	6		0.70	31.6	0.147	0.42	3.4	0.4	39	0.049	180.5	0.08	0.03	0.17	2.3	0.141	<0.1	1.2	36	42.3
83D02	2005	1493	11	369576	5769764	6		0.52	44.6	0.980	1.08	5.0	0.3	48	0.059	53.7	0.30	<0.02	0.41	2.7	0.262	<0.1	1.3	55	69.0
83D02	2005	1494	11	370143	5769114	6		0.66	32.5	0.258	0.37	2.9	0.6	46	0.091	140.2	0.09	0.03	0.19	3.6	0.132	0.1	2.6	31	43.6
83D02	2005	1495	11	379370	5769632	6		0.52	11.1	0.205	0.17	2.0	0.9	32	0.020	15.5	0.03	<0.02	0.10	1.4	0.094	0.1	0.9	31	30.8
83D02	2005	1496	11	377922	5770326	6		1.37	12.6	0.068	0.47	3.9	0.4	30	0.031	13.9	0.09	<0.02	0.23	3.5	0.169	0.3	0.8	35	44.6
83D02	2005	1497	11	377912	5770032	6		0.67	20.7	0.060	0.41	2.9	0.2	31	0.045	32.9	0.20	0.02	0.19	2.8	0.140	0.4	1.0	26	35.8
83D02	2005	1498	11	379160	5769228	6		0.58	29.3	0.082	0.32	3.2	0.4	37	0.053	37.2	0.03	<0.02	0.19	3.0	0.136	0.4	2.0	38	48.6
83D02	2005	1499	11	381610	5768391	6		0.71	17.4	0.073	0.42	2.5	0.4	30	0.023	17.3	0.05	0.02	0.24	2.7	0.151	0.2	2.4	32	50.9
83D02	2005	1500	11	382076	5767682	6		0.44	10.5	0.156	0.17	1.7	0.5	25	0.016	16.2	0.03	<0.02	0.09	2.4	0.081	0.2	1.7	23	32.4
83D01	2005	1502	11	412933	5766665	6		0.53	73.7	0.085	0.47	2.8	0.5	64	0.025	39.0	0.06	0.03	0.41	5.6	0.104	<0.1	2.2	29	80.4
83D01	2005	1503	11	426925	5761839	6		0.69	37.7	0.110	0.06	1.0	1.5	57	0.002	23.7	0.06	0.02	0.05	4.5	0.017	<0.1	2.3	5	44.1
83D01	2005	1504	11	428713	5762399	6		0.38	43.8	0.075	0.02	1.5	0.2	60	0.002	10.1	0.04	0.04	0.02	10.7	0.003	<0.1	3.1	10	72.8
83D01	2005	1505	11	428753	5762236	6		0.89	31.6	0.124	0.06	1.3	0.5	58	0.002	33.3	0.09	<0.02	0.04	4.7	0.009	0.2	1.8	4	59.1
83D12	2005	1506	11	349805	5855515	6	10	0.39	98.5	0.047	0.05	1.4	0.5	82	0.003	9.2	0.01	<0.02	0.04	10.2	0.018	<0.1	1.7	11	73.0
83D12	2005	1507	11	349805	5855515	6	20	0.35	82.3	0.044	0.05	1.3	0.4	63	0.003	7.7	<0.01	0.02	0.04	9.7	0.018	<0.1	1.4	9	64.6
83D11	2005	2002	11	358689	5846010	6		0.34	37.1	0.050	0.05	1.1	0.2	27	0.001	5.3	0.15	0.02	0.05	8.8	0.024	<0.1	1.7	8	58.5
83D11	2005	2003	11	361774	5841746	6	10	0.56	20.3	0.050	0.05	1.2	0.2	31	0.002	4.4	0.05	0.02	0.05	8.0	0.013	<0.1	1.8	10	73.6
83D11	2005	2004	11	361774	5841746	6	20	0.65	25.2	0.061	0.06	1.2	0.3	37	0.002	5.2	0.02	0.02	0.06	10.5	0.015	<0.1	2.5	7	69.8
83D11	2005	2006	11	363146	5839818	6		0.19	20.1	0.119	0.30	1.2	<0.1	23	0.004	4.9	0.03	<0.02	0.25	14.6	0.072	<0.1	2.4	11	41.4
83D10	2005	2007	11	372594	5830539	6		0.58	12.0	0.027	0.24	1.7	0.3	39	0.006	2.7	0.05	<0.02	0.29	10.9	0.051	<0.1	2.0	12	19.8
83D11	2005	2008	11	333969	5843703	6		1.19	34.8	0.085	1.11	4.5	0.3	45	0.020	13.2	0.05	<0.02	0.39	8.1	0.225	<0.1	1.3	46	64.0
83D11	2005	2009	11	337306	5844528	6		0.55	17.6	0.117	0.77	2.0	0.2	35	0.017	4.1	0.08	<0.02	0.30	18.5	0.120	<0.1	3.0	25	44.2
83D07	2005	2010	11	390564	5808900	6		0.34	34.7	0.077	0.14	1.0	1.0	45	0.004	10.7	0.06	<0.02	0.19	7.6	0.053	<0.1	10.0	11	51.7
83D07	2005	2011	11	389645	5810410	6		0.41	33.3	0.102	0.11	1.0	0.2	60	0.003	5.5	0.06	0.02	0.14	15.4	0.024	<0.1	4.4	8	63.2
83D07	2005	2012	11	388477	5811881	1		1.30	24.3	0.111	0.52	2.4	0.6	128	0.010	20.9	0.03	0.02	0.38	6.0	0.110	<0.1	7.5	28	54.5
83D07	2005	2013	11	397688	5807559	6		0.11	14.1	0.040	0.09	0.7	<0.1	33	0.003	6.1	0.04	<0.02	0.07	8.8	0.019	<0.1	0.8	4	70.6
83D08	2005	2014	11	399082	5808061	6		0.19	14.3	0.048	0.08	0.5	0.9	19	0.002	24.6	0.01	<0.02	0.10	9.2	0.030	<0.1	3.2	5	27.3
83D08	2005	2015	11	400165	5807610	6		0.20	24.8	0.088	0.07	0.8	0.1	25	0.002	22.4	0.07	<0.02	0.06	21.9	0.024	<0.1	2.5	3	19.0
83D07	2005	2016	11	393503	5805341	6		0.32	35.3	0.114	0.23	1.4	0.3	38	0.005	13.9	0.08	<0.02	0.15	9.6	0.053	<0.1	3.1	11	22.9
83D07	2005	2017	11	394696	5805489	6		0.20	13.2	0.091	0.11	0.5	0.1	18	0.002	9.3	0.05	<0.02	0.08	9.9	0.029	<0.1	2.2	4	7.7
83D07	2005	2018	11	397259	5806730	6		0.40	44.7	0.096	0.06	1.3	0.3	84	0.005	120.2	0.26	0.03	0.09	13.7	0.026	<0.1	2.5	2	42.2
83D08	2005	2019	11	402450	5808586	6		0.24	24.6	0.118	0.04	1.1	0.1	42	0.001	11.7	<0.01	0.02	0.04	17.3	0.020	0.2	2.8	3	50.3
83D08	2005	2020	11	402561	5810648	6		0.19	32.7	0.103	0.03	1.2	0.3	23	0.001	10.8	<0.01	<0.02	0.04	14.8	0.026	<0.1	2.5	8	54.4
83D08	2005	2022	11	402352	5808364	6		0.25	25.1	0.044	0.02	0.9	0.1	52	0.002	5.7	0.08	<0.02	0.02	13.1	0.008	<0.1	2.3	6	55.5
83D07	2005	2023	11	386535	5811966	1		0.79	36.2	0.191	1.20	4.8	0.9	89	0.012	16.0	0.03	0.03	0.67	8.1	0.260	0.2	4.2	65	88.1
83D07	2005	2024	11	382907	5812631	6		0.78	13.2	0.103	0.31	1.7	0.4	46	0.010	10.3	0.06	<0.02	0.15	5.6	0.082	<0.1	1.0	18	39.7
83D07	2005	2025	11	380476	5816421	6		0.35	29.2	0.102	0.32	1.6	0.9	44	0.019	31.9	0.07	<0.02	0.26	7.0	0.085	<0.1	1.7	21	44.1
83D10	2005	2026	11	378660	5819822	6		0.36	25.6	0.065	0.34	1.7	1.4	60	0.009	22.6	0.09	0.02	0.32	6.8	0.066	<0.1	3.2	17	51.1
83D10	2005	2027	11	376462	5822791	6		0.33	20.7	0.048	0.22	1.5	1.0	63	0.006	15.8	0.08	0.02	0.24	4.8	0.063	<0.1	2.9	16	39.6

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
83D11	2005	2028	11	338018	5845002	6		0.72	<0.02	0.2	37.1	0.15	1	0.04	0.11	17.7	5.4	14.82	2.4	1.6	1.21	23.8	2.70	0.34	88	<5
83D11	2005	2029	11	340266	5845826	6	10	0.68	<0.02	<0.1	38.3	0.15	2	0.06	0.17	15.5	7.2	10.36	2.2	0.3	1.17	22.0	2.51	0.32	224	8
83D11	2005	2030	11	340266	5845826	6	20	0.69	<0.02	0.3	38.5	0.16	1	0.07	0.17	16.3	7.1	10.58	2.3	0.2	1.21	19.4	2.77	0.33	227	17
83D14	2005	2031	11	332752	5859085	6		1.04	<0.02	0.2	80.0	2.93	1	0.05	0.25	23.4	10.6	35.97	3.5	1.5	2.10	31.5	4.54	0.60	162	5
83D14	2005	2033	11	333043	5859557	6		0.98	<0.02	0.4	59.1	0.18	3	0.08	0.29	23.1	10.9	12.55	3.2	0.4	1.95	24.6	3.60	0.44	400	13
83D14	2005	2034	11	335966	5858192	6		0.90	<0.02	<0.1	47.9	1.46	1	0.02	0.38	21.2	8.8	56.55	2.9	1.9	1.70	43.7	3.07	0.54	130	<5
83D14	2005	2035	11	337099	5857808	6		1.59	0.02	0.2	98.8	0.43	2	0.18	0.49	28.0	16.3	29.49	5.1	1.0	2.88	35.3	12.75	1.08	457	19
83D14	2005	2036	11	339411	5856545	6		1.27	0.02	0.2	80.2	0.29	2	0.16	0.42	23.5	43.4	33.09	3.9	0.4	2.20	40.7	6.56	0.76	460	10
83D14	2005	2037	11	340836	5853856	6		1.89	0.02	0.3	127.7	0.38	1	0.02	0.38	46.3	14.2	49.75	6.2	1.5	2.82	45.2	5.41	1.06	169	<5
83D07	2005	2038	11	384043	5804377	6		0.98	<0.02	0.6	82.4	0.28	<1	0.05	0.56	20.7	13.8	77.47	3.5	0.9	2.22	16.1	2.95	0.60	138	<5
83D07	2005	2039	11	381302	5810324	6		1.09	<0.02	0.4	91.3	0.17	2	0.07	0.66	25.0	10.7	24.23	4.6	0.6	2.47	13.5	3.27	0.63	216	<5
83D07	2005	2040	11	379207	5814483	6		1.53	0.02	1.3	90.9	0.39	1	0.06	0.63	32.8	12.4	36.25	6.0	0.9	3.11	18.0	6.08	0.90	268	<5
83D07	2005	2042	11	377707	5817002	6	10	1.34	0.05	2.7	76.9	0.18	3	0.15	0.82	27.5	10.0	22.26	5.5	0.7	2.43	22.0	7.21	0.68	415	25
83D07	2005	2043	11	377707	5817002	6	20	1.36	0.05	2.6	84.0	0.18	5	0.15	0.78	29.7	10.6	22.19	5.7	1.6	2.41	20.3	7.20	0.75	427	21
83D07	2005	2044	11	376551	5818174	6		1.60	0.03	2.1	98.8	0.26	3	0.17	0.63	35.4	13.3	27.45	6.9	0.7	2.93	22.8	9.00	0.84	443	21
83D10	2005	2045	11	375478	5820083	6		2.20	0.04	1.9	166.0	0.21	2	0.31	0.79	50.6	18.4	34.08	10.9	0.9	4.16	19.3	17.12	1.30	722	16
83D10	2005	2046	11	374824	5821026	6		1.35	0.02	1.0	74.2	0.23	2	0.16	0.40	24.0	13.0	24.43	5.0	0.3	2.42	20.4	6.07	0.67	319	17
83D10	2005	2047	11	372165	5825444	6		1.28	0.02	0.8	102.8	0.12	2	0.19	0.68	26.4	10.9	18.19	6.1	0.5	2.30	11.7	5.95	0.61	362	16
83D12	2005	2048	11	321150	5832579	6		1.38	0.03	1.5	28.6	0.18	1	0.09	0.21	29.7	12.2	32.69	3.6	0.8	2.44	18.0	15.99	0.74	490	14
83D12	2005	2049	11	322574	5831386	6		0.93	0.03	1.2	11.9	0.19	1	0.05	0.19	24.1	11.5	27.64	3.0	3.7	2.42	19.2	6.99	0.61	317	<5
83D12	2005	2050	11	325053	5828962	6		0.92	0.03	0.9	18.5	0.15	1	0.04	0.21	28.9	11.1	26.28	2.9	0.3	2.23	18.5	5.10	0.60	263	<5
83D12	2005	2051	11	320416	5834843	6		0.59	<0.02	0.7	29.3	0.17	1	0.03	0.21	13.5	8.8	25.57	1.9	0.3	1.44	17.5	3.79	0.41	149	<5
83D12	2005	2052	11	325651	5831478	6		0.74	<0.02	0.4	51.6	0.37	<1	0.05	0.43	17.1	14.4	48.53	2.4	1.0	2.00	22.8	4.94	0.54	216	<5
83D12	2005	2054	11	325891	5831690	6		1.17	<0.02	0.2	53.2	0.19	<1	0.03	0.23	25.6	12.0	33.06	3.7	0.9	2.11	19.9	3.11	0.80	181	<5
83D12	2005	2055	11	326400	5831175	6		0.59	0.02	0.8	17.6	0.12	1	0.06	0.17	13.7	7.7	15.19	1.8	0.4	1.55	11.6	4.73	0.36	306	<5
83D12	2005	2056	11	327760	5828481	6		0.59	0.02	0.3	13.9	0.12	2	0.04	0.11	12.4	8.8	11.19	1.8	0.2	1.58	13.9	4.57	0.32	494	5
83D12	2005	2057	11	328934	5827731	6		0.68	0.03	0.4	10.1	0.21	1	0.05	0.12	14.6	9.8	21.34	2.0	0.4	1.85	20.4	3.76	0.41	366	<5
83D12	2005	2058	11	328619	5828050	6		1.23	0.02	<0.1	56.6	0.29	2	0.07	0.25	27.3	15.0	32.52	3.9	0.9	2.42	30.8	5.04	0.76	265	<5
83D12	2005	2059	11	330181	5825005	6		1.08	0.02	0.1	32.6	0.15	2	0.08	0.39	27.2	10.7	20.59	3.9	0.6	2.19	14.9	4.18	0.64	309	14
83D03	2005	2060	11	336006	5764649	6		0.79	0.03	0.2	52.4	0.09	1	0.08	0.21	8.1	3.9	4.26	2.6	0.2	0.88	19.4	4.92	0.19	502	25
83D03	2005	2062	11	339895	5764692	6		0.60	<0.02	0.6	28.6	0.19	2	0.04	0.40	11.6	4.7	9.76	2.4	0.4	1.09	17.3	3.76	0.28	187	5
83D03	2005	2063	11	339990	5766390	6		1.32	0.04	0.7	167.0	0.23	1	0.18	0.47	17.5	5.6	9.53	3.6	<0.2	1.59	25.0	11.60	0.24	779	41
83D03	2005	2064	11	340769	5770768	6		1.08	0.05	1.0	60.1	0.19	<1	0.08	0.38	27.6	8.7	15.87	3.8	0.5	1.78	14.1	6.78	0.47	295	10
83D03	2005	2065	11	343902	5772841	6		1.46	0.02	1.4	59.4	0.40	1	0.11	0.48	47.4	10.4	21.63	5.8	0.5	2.55	20.1	11.38	0.71	344	5
83D03	2005	2066	11	345356	5776016	6		1.02	<0.02	<0.1	80.9	0.23	1	0.15	0.40	27.4	7.3	21.70	3.6	0.3	1.41	9.8	5.29	0.44	139	8
83D03	2005	2067	11	349897	5775733	6		1.50	0.02	2.0	65.1	0.22	5	0.17	0.64	36.5	10.2	22.21	5.5	0.2	2.21	14.1	9.00	0.57	329	18
83D03	2005	2068	11	348967	5776006	6		1.51	0.03	0.3	81.1	0.22	4	0.27	0.66	38.0	11.6	17.90	5.5	0.4	2.26	12.9	7.68	0.50	930	37
83D03	2005	2069	11	348477	5776101	6		1.32	0.03	0.6	70.2	0.35	1	0.21	0.49	32.8	10.0	17.63	4.6	0.4	1.95	14.0	7.14	0.47	413	23
83D03	2005	2070	11	334239	5783116	6		1.37	0.02	0.6	100.4	0.13	3	0.07	0.55	35.3	8.4	15.57	4.5	<0.2	1.74	17.4	3.73	0.60	240	8
83D03	2005	2071	11	334770	5779879	6		1.60	0.02	0.6	37.8	0.89	2	0.08	0.76	32.3	9.9	10.64	5.4	0.5	1.43	16.3	8.25	0.43	221	11

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
83D11	2005	2028	11	338018	5845002	6		0.30	17.0	0.046	0.21	1.5	0.6	36	0.006	3.5	0.02	<0.02	0.13	6.0	0.064	<0.1	1.2	15	29.9
83D11	2005	2029	11	340266	5845826	6	10	0.25	12.5	0.050	0.17	1.3	0.4	28	0.006	6.2	0.04	<0.02	0.11	5.2	0.059	<0.1	1.2	13	25.1
83D11	2005	2030	11	340266	5845826	6	20	0.29	13.1	0.045	0.17	1.3	0.4	28	0.006	6.3	0.01	0.03	0.12	4.4	0.062	<0.1	1.0	14	26.9
83D14	2005	2031	11	332752	5859085	6		0.49	18.6	0.090	0.47	2.1	0.6	52	0.013	5.8	0.13	0.09	0.22	10.6	0.115	0.3	5.2	23	39.0
83D14	2005	2033	11	333043	5859557	6		0.35	23.6	0.050	0.22	1.6	0.6	64	0.006	11.7	0.04	0.02	0.20	5.3	0.088	<0.1	1.3	19	42.0
83D14	2005	2034	11	335966	5858192	6		0.43	20.8	0.159	0.40	1.8	0.3	48	0.013	6.4	0.12	<0.02	0.23	15.9	0.080	<0.1	3.0	16	33.7
83D14	2005	2035	11	337099	5857808	6		1.28	48.0	0.092	0.41	2.4	1.6	104	0.011	18.2	0.07	0.06	0.33	7.4	0.132	0.2	5.0	27	89.6
83D14	2005	2036	11	339411	5856545	6		0.93	46.0	0.140	0.40	2.1	0.8	35	0.008	11.6	0.04	0.03	0.29	9.8	0.117	0.7	3.1	23	91.0
83D14	2005	2037	11	340836	5853856	6		0.78	31.8	0.124	0.85	3.5	0.3	52	0.029	15.7	0.03	<0.02	0.41	12.2	0.180	<0.1	2.5	37	64.9
83D07	2005	2038	11	384043	5804377	6		1.27	30.1	0.191	0.54	2.2	0.7	41	0.025	15.1	0.41	0.04	0.21	6.2	0.117	0.1	1.0	22	31.0
83D07	2005	2039	11	381302	5810324	6		0.66	19.5	0.228	0.54	2.4	0.2	33	0.022	20.3	0.02	0.03	0.23	4.9	0.126	0.6	1.0	30	41.8
83D07	2005	2040	11	379207	5814483	6		0.88	24.2	0.209	0.55	3.2	0.3	53	0.017	21.2	0.02	0.04	0.32	8.6	0.129	0.5	3.0	35	41.9
83D07	2005	2042	11	377707	5817002	6	10	1.07	20.4	0.183	0.31	3.1	1.7	75	0.014	19.9	0.01	<0.02	0.20	5.4	0.117	0.5	19.0	36	55.7
83D07	2005	2043	11	377707	5817002	6	20	1.06	21.8	0.161	0.36	3.2	1.7	73	0.014	19.2	0.01	0.03	0.21	5.0	0.129	0.3	18.0	37	57.9
83D07	2005	2044	11	376551	5818174	6		1.61	25.0	0.142	0.45	3.5	1.1	76	0.010	14.6	<0.01	0.03	0.31	6.4	0.151	0.4	32.6	41	78.2
83D10	2005	2045	11	375478	5820083	6		1.96	28.2	0.192	0.86	6.3	0.8	70	0.013	15.9	<0.01	0.03	0.47	8.2	0.270	0.2	15.6	71	147.1
83D10	2005	2046	11	374824	5821026	6		1.11	24.1	0.091	0.34	2.6	0.7	66	0.008	9.7	0.03	0.02	0.25	5.4	0.114	0.1	3.8	32	53.5
83D10	2005	2047	11	372165	5825444	6		1.97	15.3	0.167	0.32	2.9	0.8	53	0.012	13.7	0.01	<0.02	0.19	3.8	0.145	0.2	8.0	41	78.1
83D12	2005	2048	11	321150	5832579	6		0.30	36.3	0.078	0.05	1.2	0.6	44	0.002	14.7	0.02	0.02	0.03	8.8	0.007	<0.1	4.0	12	60.4
83D12	2005	2049	11	322574	5831386	6		0.44	31.5	0.068	0.06	1.2	0.3	38	0.002	8.1	0.01	0.03	0.07	9.3	0.024	<0.1	1.9	14	44.4
83D12	2005	2050	11	325053	5828962	6		0.38	29.7	0.071	0.09	1.3	0.2	27	0.002	8.8	0.04	0.03	0.10	7.5	0.037	<0.1	1.5	16	42.3
83D12	2005	2051	11	320416	5834843	6		0.18	18.6	0.063	0.24	0.9	0.1	31	0.005	6.1	0.11	<0.02	0.17	7.8	0.052	<0.1	1.1	12	27.9
83D12	2005	2052	11	325651	5831478	6		0.39	31.7	0.100	0.37	1.3	0.1	46	0.006	10.6	0.38	<0.02	0.22	13.2	0.070	0.2	1.9	14	34.1
83D12	2005	2054	11	325891	5831690	6		0.33	26.5	0.065	0.52	1.7	0.1	29	0.011	6.1	0.15	0.02	0.31	9.9	0.095	<0.1	1.5	20	55.7
83D12	2005	2055	11	326400	5831175	6		0.26	19.5	0.044	0.12	0.7	0.5	28	0.002	7.8	0.02	<0.02	0.15	4.7	0.041	<0.1	1.8	10	31.5
83D12	2005	2056	11	327760	5828481	6		0.34	17.3	0.030	0.07	0.6	0.4	24	0.001	6.6	0.07	<0.02	0.10	3.7	0.025	<0.1	0.9	6	31.3
83D12	2005	2057	11	328934	5827731	6		0.51	33.0	0.038	0.07	0.7	0.8	27	0.001	7.9	0.03	0.04	0.11	6.7	0.025	<0.1	1.7	8	37.9
83D12	2005	2058	11	328619	5828050	6		0.38	31.0	0.076	0.48	1.9	0.4	48	0.010	11.0	0.06	0.03	0.32	10.5	0.106	<0.1	2.3	23	56.8
83D12	2005	2059	11	330181	5825005	6		0.47	20.8	0.051	0.15	2.5	0.7	44	0.004	21.1	0.05	0.03	0.12	4.0	0.084	<0.1	1.3	31	50.3
83D03	2005	2060	11	336006	5764649	6		0.37	4.0	0.062	0.07	1.0	0.4	31	0.007	16.7	0.01	<0.02	0.07	2.5	0.024	<0.1	1.8	18	36.6
83D03	2005	2062	11	339895	5764692	6		0.33	8.6	0.123	0.09	1.5	0.2	20	0.009	22.0	0.01	0.03	0.09	6.9	0.043	0.1	2.8	20	26.8
83D03	2005	2063	11	339990	5766390	6		0.48	15.7	0.062	0.09	2.0	0.7	160	0.009	50.7	0.02	0.02	0.12	3.2	0.033	<0.1	4.5	19	50.6
83D03	2005	2064	11	340769	5770768	6		0.37	19.7	0.073	0.18	2.2	0.3	36	0.012	25.0	0.02	<0.02	0.16	4.4	0.089	<0.1	3.6	27	41.9
83D03	2005	2065	11	343902	5772841	6		0.64	31.8	0.094	0.22	2.8	0.5	43	0.013	85.9	<0.01	0.02	0.17	6.9	0.980	<0.1	6.8	30	75.0
83D03	2005	2066	11	345356	5776016	6		0.57	20.4	0.084	0.18	2.2	0.5	47	0.014	24.8	0.03	<0.02	0.14	3.1	0.088	0.2	2.5	30	43.1
83D03	2005	2067	11	349897	5775733	6		0.57	25.1	0.070	0.24	2.9	1.3	62	0.017	40.1	0.02	0.03	0.21	3.7	0.131	0.1	11.3	34	65.0
83D03	2005	2068	11	348967	5776006	6		0.84	27.9	0.058	0.19	2.5	1.2	94	0.010	39.8	0.05	<0.02	0.22	2.6	0.117	0.2	7.4	34	72.6
83D03	2005	2069	11	348477	5776101	6		0.68	24.8	0.080	0.18	2.5	1.0	46	0.013	27.1	0.04	<0.02	0.15	3.6	0.106	0.2	9.1	29	59.2
83D03	2005	2070	11	334239	5783116	6		0.32	23.8	0.147	0.28	2.7	0.3	26	0.023	29.8	0.04	<0.02	0.13	6.1	0.125	0.4	2.9	36	38.2
83D03	2005	2071	11	334770	5779879	6		0.51	27.7	0.044	0.09	2.1	0.7	39	0.010	70.6	<0.01	<0.02	0.07	5.5	0.091	0.2	10.7	23	61.0

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
83D03	2005	2072	11	338506	5775548	6		1.29	0.02	0.4	104.4	0.24	3	0.14	0.73	71.7	11.9	27.37	4.7	0.3	2.48	10.4	5.31	0.71	242	5
83D03	2005	2073	11	340310	5776957	6		1.69	0.05	0.9	89.6	0.25	6	0.19	0.38	27.3	9.1	15.02	4.9	0.5	1.92	17.3	11.99	0.50	432	31
83D03	2005	2075	11	341037	5778197	6	10	0.92	<0.02	0.4	37.0	0.13	2	0.05	0.46	16.8	4.8	8.87	2.8	0.4	1.14	17.0	4.28	0.33	153	7
83D03	2005	2076	11	341037	5778197	6	20	1.06	0.02	0.5	43.3	0.12	3	0.05	0.49	19.7	5.9	9.92	3.2	0.4	1.35	18.3	4.94	0.39	177	8
83D03	2005	2077	11	338685	5772247	6		0.96	0.02	0.9	66.7	0.38	2	0.15	0.26	14.2	4.8	5.01	3.1	0.5	1.23	19.5	6.86	0.24	537	26
83D03	2005	2078	11	329103	5769986	6		1.88	0.04	1.2	234.9	0.16	5	0.60	0.77	46.9	15.3	50.61	6.5	0.4	2.61	29.6	13.92	0.69	411	30
83D03	2005	2079	11	332269	5771462	6		1.03	0.03	0.5	60.7	0.08	2	0.12	0.29	15.9	5.8	8.16	3.2	<0.2	1.23	15.6	6.97	0.27	316	22
83D03	2005	2080	11	333507	5771735	6		0.66	0.02	0.6	32.6	0.12	2	0.09	0.23	8.2	3.1	4.84	2.1	<0.2	0.80	14.9	5.42	0.14	237	18
83D03	2005	2082	11	335711	5772806	6		0.87	0.02	1.0	49.9	0.23	2	0.12	0.30	10.9	5.0	6.40	2.7	1.4	1.10	20.0	6.65	0.25	445	23
83D06	2005	2083	11	334583	5795740	6		1.22	0.02	0.8	52.3	1.08	2	0.10	0.40	29.2	7.7	14.45	4.2	0.5	1.60	15.8	7.43	0.45	180	9
83D06	2005	2084	11	336740	5794905	6		2.00	<0.02	0.4	32.9	2.04	3	0.05	3.56	31.5	13.6	31.96	5.0	0.6	2.65	13.0	6.04	0.55	243	<5
83D06	2005	2085	11	340455	5793154	6		1.25	0.03	0.9	55.5	0.49	3	0.12	0.52	23.6	10.8	25.76	3.7	0.5	2.23	16.6	5.75	0.58	271	10
83D06	2005	2086	11	342068	5792369	6		0.65	<0.02	0.5	29.0	0.48	2	0.05	0.31	13.5	4.9	13.20	2.0	0.2	1.16	12.4	2.95	0.28	123	6
83D06	2005	2087	11	343792	5791729	6	10	1.28	<0.02	0.3	69.3	0.37	5	0.08	0.39	30.4	9.0	19.44	4.3	0.3	1.88	12.8	5.46	0.56	223	7
83D06	2005	2088	11	343792	5791729	6	20	1.34	0.02	0.2	78.5	0.37	6	0.09	0.39	34.3	10.2	20.69	4.8	0.4	2.05	11.7	5.70	0.63	232	8
83D07	2005	2089	11	365088	5795185	6		0.62	<0.02	<0.1	61.1	0.69	2	0.03	0.36	14.6	9.0	30.44	2.1	0.5	1.50	6.7	3.10	0.29	98	<5
83D06	2005	2090	11	363208	5793498	6		1.20	<0.02	0.1	108.8	0.22	2	0.04	0.13	27.7	9.5	20.23	3.8	0.4	2.22	11.9	2.99	0.57	204	<5
83D02	2005	2091	11	365065	5788834	6		1.37	0.02	0.5	165.2	0.50	4	0.01	0.33	121.9	8.0	37.51	4.6	0.2	2.46	13.4	2.94	0.94	235	<5
83D14	2005	2092	11	345444	5861117	6		0.85	0.07	8.9	12.5	0.32	2	0.04	0.24	13.4	10.9	20.45	2.6	1.0	2.22	31.8	8.05	0.42	296	<5
83D03	2005	2093	11	363142	5789576	6		1.38	<0.02	0.3	138.3	0.32	1	0.05	0.41	75.2	11.3	33.75	5.3	1.2	2.54	13.4	4.51	0.88	266	5
83D06	2005	2094	11	360396	5791906	6		1.73	0.02	0.6	126.8	0.91	5	0.10	0.14	34.1	15.8	28.49	6.2	3.5	2.57	16.8	7.25	0.72	471	30
83D06	2005	2095	11	358654	5792711	6		2.20	0.02	0.8	288.0	0.30	6	0.13	0.65	41.8	35.6	33.14	7.7	0.4	3.59	13.6	6.44	1.04	659	19
83D06	2005	2096	11	347178	5797560	6		0.87	0.06	3.2	29.7	0.23	3	0.08	0.40	15.6	8.6	15.95	2.6	0.3	1.90	15.5	5.92	0.47	228	8
83D06	2005	2097	11	344643	5797240	6		0.80	0.04	0.3	36.7	0.86	2	0.15	0.17	10.3	11.1	11.15	2.5	0.5	1.08	12.0	6.33	0.26	417	22
83D06	2005	2099	11	345177	5797157	6		0.50	0.02	<0.1	24.9	5.14	3	0.09	0.18	7.8	5.3	13.08	1.4	53.0	0.95	13.1	3.98	0.15	192	8
83D06	2005	2100	11	347756	5795770	6		0.94	0.03	0.5	56.1	0.42	2	0.15	0.32	15.2	8.3	18.25	2.8	0.5	1.52	12.6	4.58	0.41	372	11
83D01	2005	2102	11	413817	5767567	6	10	2.04	0.11	3.3	49.9	0.16	3	0.52	0.97	21.8	11.2	11.96	5.2	1.1	2.34	17.7	34.95	0.56	501	14
83D01	2005	2103	11	413817	5767567	6	20	2.39	0.13	4.0	54.9	0.20	3	0.49	1.13	29.3	13.5	13.96	6.3	0.9	2.91	17.7	41.73	0.70	601	15
83D01	2005	2104	11	412514	5768961	6		4.41	0.10	3.0	59.0	0.18	3	0.14	2.72	40.7	16.9	19.38	10.3	0.2	3.22	16.7	24.97	0.91	475	12
83D01	2005	2105	11	410095	5770715	6		2.45	0.07	2.4	54.8	0.12	6	0.10	2.09	35.1	11.4	15.57	6.5	<0.2	2.14	13.3	15.12	0.79	444	19
83D08	2005	2106	11	419590	5790228	6		2.27	0.10	12.0	11.3	0.49	1	0.08	0.29	43.5	23.0	67.70	7.4	1.0	5.61	38.3	14.45	1.17	564	6
83D01	2005	2108	11	418943	5789061	6		1.50	0.09	7.8	11.0	0.47	2	0.05	0.23	28.7	19.7	52.16	4.8	2.3	3.51	30.0	10.93	0.72	406	<5
83D01	2005	2109	11	419295	5785248	6		1.23	0.05	5.0	27.8	0.32	2	0.08	0.24	21.2	12.8	25.09	3.9	0.4	2.59	29.1	11.42	0.54	535	15
83D01	2005	2110	11	420164	5784931	6		1.03	0.08	4.4	86.3	0.18	1	0.05	0.36	15.7	8.6	14.03	3.0	191.0	1.98	17.8	10.35	0.46	428	18
83D01	2005	2111	11	420577	5782773	6		1.20	0.11	15.2	48.0	0.39	2	0.06	0.25	23.8	17.2	52.67	3.9	1.0	3.81	15.2	18.76	0.62	479	<5
83D01	2005	2112	11	420360	5780564	6		1.32	0.05	5.5	19.1	0.30	2	0.08	0.30	22.5	13.2	27.76	4.1	0.3	2.81	24.3	18.15	0.58	451	12
83D01	2005	2113	11	419635	5779036	6		1.22	<0.02	5.5	14.4	0.26	1	0.04	0.23	19.1	14.0	26.95	3.9	0.3	2.87	26.2	9.24	0.69	435	6
83D01	2005	2114	11	417618	5777492	6		1.25	0.02	2.1	14.3	0.28	1	0.03	0.26	20.4	15.0	32.35	3.9	170.4	2.99	24.8	7.92	0.68	362	8
83D01	2005	2115	11	416273	5776876	6		0.95	0.03	1.7	15.6	0.34	1	0.04	0.50	46.6	18.2	33.98	3.1	2.9	3.31	32.5	4.30	0.70	479	5
83D01	2005	2116	11	412895	5776627	6		1.28	0.27	63.6	32.3	0.22	1	0.11	0.86	19.1	18.3	27.35	3.3	5.7	2.76	28.6	68.68	0.63	274	<5

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
83D03	2005	2072	11	338506	5775548	6		0.63	44.5	0.152	0.22	2.9	0.4	39	0.024	35.7	0.01	<0.02	0.10	3.3	0.109	0.4	2.4	49	49.6
83D03	2005	2073	11	340310	5776957	6		0.57	20.6	0.074	0.19	2.4	0.3	63	0.013	26.9	0.03	0.02	0.18	3.4	0.080	0.3	4.1	27	82.4
83D03	2005	2075	11	341037	5778197	6	10	0.27	11.7	0.100	0.15	1.4	0.2	18	0.027	46.7	0.01	<0.02	0.10	5.9	0.057	1.5	1.3	16	29.0
83D03	2005	2076	11	341037	5778197	6	20	0.31	14.2	0.095	0.18	1.7	0.2	20	0.032	49.7	0.01	<0.02	0.12	5.8	0.070	1.9	1.5	19	32.5
83D03	2005	2077	11	338685	5772247	6		0.57	8.0	0.060	0.10	1.3	0.2	56	0.009	22.2	0.02	<0.02	0.12	3.1	0.041	0.1	4.5	15	47.1
83D03	2005	2078	11	329103	5769986	6		1.56	49.0	0.169	0.35	3.6	1.5	209	0.015	55.4	0.05	0.04	0.16	4.1	0.118	<0.1	4.3	57	132.5
83D03	2005	2079	11	332269	5771462	6		0.39	11.5	0.056	0.12	1.3	0.2	44	0.011	27.8	0.03	<0.02	0.08	2.8	0.049	<0.1	1.3	17	49.6
83D03	2005	2080	11	333507	5771735	6		0.24	5.6	0.056	0.06	0.8	0.2	27	0.007	17.7	0.03	<0.02	0.05	2.2	0.026	<0.1	4.4	10	36.5
83D03	2005	2082	11	335711	5772806	6		0.47	6.7	0.075	0.09	1.1	0.3	39	0.010	23.2	0.05	<0.02	0.08	3.4	0.036	<0.1	3.7	19	52.3
83D06	2005	2083	11	334583	5795740	6		0.15	20.8	0.072	0.33	1.9	0.4	37	0.018	25.3	0.04	0.02	0.17	4.2	0.090	0.3	45.9	21	43.4
83D06	2005	2084	11	336740	5794905	6		0.18	35.9	0.135	0.41	2.0	0.2	51	0.142	172.0	0.12	0.02	0.23	5.0	0.111	1.6	1.3	26	42.6
83D06	2005	2085	11	340455	5793154	6		0.78	23.6	0.102	0.34	2.1	0.6	43	0.030	35.7	0.06	0.04	0.19	4.8	0.090	2.8	4.1	26	43.3
83D06	2005	2086	11	342068	5792369	6		0.27	12.2	0.083	0.16	1.3	0.2	22	0.014	15.5	0.03	<0.02	0.09	4.0	0.056	1.0	2.4	14	20.0
83D06	2005	2087	11	343792	5791729	6	10	0.40	22.6	0.087	0.37	2.0	0.4	35	0.015	17.3	0.01	0.02	0.18	4.5	0.111	0.3	7.3	26	42.0
83D06	2005	2088	11	343792	5791729	6	20	0.44	25.9	0.086	0.43	2.1	0.3	35	0.014	17.6	<0.01	0.02	0.20	4.2	0.115	0.4	7.3	29	46.8
83D07	2005	2089	11	365088	5795185	6		0.25	23.5	0.144	0.33	1.5	0.5	31	0.018	9.7	0.37	0.02	0.12	2.0	0.072	<0.1	0.8	13	15.8
83D06	2005	2090	11	363208	5793498	6		0.77	17.3	0.055	0.57	2.5	0.3	24	0.012	10.2	<0.01	0.03	0.22	3.4	0.158	0.2	0.8	30	30.6
83D02	2005	2091	11	365065	5788834	6		2.19	28.5	0.104	0.76	3.9	0.3	30	0.027	16.0	0.12	0.02	0.36	4.4	0.198	0.4	2.3	41	41.3
83D14	2005	2092	11	345444	5861117	6		0.20	24.2	0.078	0.07	0.9	0.2	33	0.001	13.8	<0.01	0.02	0.09	14.4	0.032	0.1	2.0	7	51.3
83D03	2005	2093	11	363142	5789576	6		1.75	23.6	0.119	0.81	3.8	0.4	44	0.035	21.4	0.17	0.03	0.34	4.5	0.171	0.3	2.0	41	53.8
83D06	2005	2094	11	360396	5791906	6		1.02	19.8	0.074	0.75	3.3	0.6	66	0.018	8.1	0.01	0.03	0.31	3.9	0.181	0.1	1.6	37	51.4
83D06	2005	2095	11	358654	5792711	6		1.43	49.9	0.236	1.11	4.0	0.9	57	0.024	23.0	0.07	0.02	0.37	3.0	0.249	0.1	1.2	51	97.1
83D06	2005	2096	11	347178	5797560	6		0.60	21.4	0.063	0.18	1.3	0.8	36	0.007	33.6	0.05	0.02	0.13	4.9	0.056	0.1	1.1	16	35.7
83D06	2005	2097	11	344643	5797240	6		0.90	7.4	0.036	0.17	1.1	0.7	43	0.008	6.2	0.05	<0.02	0.15	1.9	0.066	0.3	4.8	16	26.6
83D06	2005	2099	11	345177	5797157	6		0.38	6.3	0.059	0.11	0.9	0.5	47	0.008	3.9	0.02	0.04	0.07	3.3	0.044	0.4	7.1	15	22.2
83D06	2005	2100	11	347756	5795770	6		0.67	13.1	0.052	0.24	1.8	0.8	42	0.014	11.6	<0.01	0.02	0.14	2.4	0.082	0.3	4.6	23	39.9
83D01	2005	2102	11	413817	5767567	6	10	0.33	21.7	0.092	0.19	2.6	0.3	71	0.052	75.4	<0.01	<0.02	0.17	6.7	0.063	<0.1	0.9	20	338.0
83D01	2005	2103	11	413817	5767567	6	20	0.39	26.9	0.122	0.23	3.1	0.1	63	0.073	93.7	<0.01	0.03	0.23	8.2	0.074	<0.1	1.0	24	373.6
83D01	2005	2104	11	412514	5768961	6		0.58	37.7	0.092	0.29	3.8	0.9	76	0.195	279.9	<0.01	0.02	0.28	8.7	0.074	<0.1	1.5	32	88.6
83D01	2005	2105	11	410095	5770715	6		0.45	30.3	0.113	0.26	2.5	1.9	35	0.092	125.7	0.05	<0.02	0.22	3.4	0.063	<0.1	1.1	25	73.3
83D08	2005	2106	11	419590	5790228	6		0.35	53.0	0.107	0.02	2.2	0.1	93	0.003	7.4	0.06	0.03	<0.02	17.9	0.003	<0.1	3.4	17	119.4
83D01	2005	2108	11	418943	5789061	6		0.31	41.4	0.109	0.02	1.4	0.3	70	0.003	6.5	0.05	0.03	<0.02	16.2	0.003	<0.1	4.3	11	77.0
83D01	2005	2109	11	419295	5785248	6		0.34	30.8	0.073	0.05	1.0	0.4	60	0.003	11.7	0.01	0.03	0.05	7.4	0.014	<0.1	2.7	11	73.7
83D01	2005	2110	11	420164	5784931	6		0.25	17.8	0.046	0.05	1.1	0.5	51	0.003	13.4	0.02	<0.02	0.03	4.6	0.007	<0.1	4.4	11	43.6
83D01	2005	2111	11	420577	5782773	6		0.37	40.6	0.086	0.02	1.8	0.4	62	0.003	10.3	0.05	0.04	<0.02	10.1	0.003	<0.1	4.5	11	85.6
83D01	2005	2112	11	420360	5780564	6		0.34	31.3	0.084	0.04	1.2	0.9	53	0.002	16.6	0.03	0.02	0.03	10.7	0.014	<0.1	6.7	11	77.0
83D01	2005	2113	11	419635	5779036	6		0.40	30.6	0.092	0.05	1.0	0.2	25	0.001	11.4	<0.01	0.02	0.05	11.7	0.024	<0.1	3.4	10	70.1
83D01	2005	2114	11	417618	5777492	6		0.31	35.3	0.119	0.05	1.0	0.2	73	0.002	10.9	0.02	0.03	0.05	11.6	0.018	<0.1	3.1	9	64.3
83D01	2005	2115	11	416273	5776876	6		0.30	53.5	0.129	0.04	1.2	0.3	43	0.002	12.0	0.02	0.03	0.03	13.5	0.022	<0.1	2.4	19	48.8
83D01	2005	2116	11	412895	5776627	6		0.40	51.1	0.980	0.19	1.9	0.3	222	0.033	56.4	0.08	<0.02	0.22	10.6	0.037	<0.1	1.9	12	40.0

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
83D01	2005	2117	11	409953	5776189	6		1.70	0.09	15.4	45.4	0.31	1	0.11	1.37	22.7	13.1	17.91	4.9	1.2	2.28	21.2	18.78	0.74	551	15
83D02	2005	2118	11	392208	5779953	6		1.61	0.03	0.6	137.9	0.25	2	0.08	0.31	29.5	10.6	32.22	5.2	1.7	2.24	14.8	6.61	0.96	290	6
83D02	2005	2119	11	395176	5779309	6		1.40	0.09	2.5	151.8	0.28	3	0.23	0.45	22.9	9.8	23.34	4.8	0.8	1.98	23.8	8.28	0.88	358	13
83D02	2005	2120	11	392664	5779264	6		0.64	0.04	1.5	46.7	0.17	3	0.08	0.36	13.7	7.8	32.33	2.9	0.2	1.77	17.2	3.62	0.37	223	<5
83D02	2005	2122	11	396180	5775482	6	10	0.76	0.05	1.0	48.8	0.23	2	0.06	0.38	14.9	7.1	23.61	2.9	0.7	1.61	16.7	4.11	0.45	239	<5
83D02	2005	2123	11	396180	5775482	6	20	0.78	0.05	1.0	48.5	0.20	3	0.05	0.39	15.9	7.2	24.89	3.1	3.5	1.65	17.7	4.21	0.46	244	<5
83D02	2005	2124	11	392871	5773032	6		1.22	0.07	4.1	78.1	0.51	2	0.19	0.41	56.8	18.3	35.49	4.8	0.3	2.46	26.9	7.69	0.55	381	13
83D02	2005	2126	11	388461	5769558	6		1.01	0.03	0.9	64.2	0.45	3	0.10	0.51	29.3	10.2	25.35	4.1	0.4	1.82	20.6	5.39	0.47	287	8
83D02	2005	2127	11	385339	5763815	6		2.12	0.03	0.9	77.2	0.33	2	0.11	0.54	45.7	12.5	24.04	7.8	1.3	2.58	13.5	10.13	0.66	342	19
83D02	2005	2128	11	384491	5764877	6		1.50	<0.02	0.4	69.7	0.16	2	0.03	0.78	34.5	9.3	23.99	5.3	<0.2	2.08	28.0	4.92	0.49	183	9
83D02	2005	2129	11	392468	5764547	6		1.08	0.02	0.5	93.7	0.26	3	0.08	0.31	25.6	8.7	16.51	4.1	0.7	1.60	19.1	4.71	0.44	251	15
83D02	2005	2130	11	396059	5763682	6		1.26	0.03	0.4	92.8	0.23	2	0.10	0.16	26.6	11.3	19.29	4.8	0.2	1.97	20.4	5.14	0.48	362	16
83D02	2005	2131	11	393832	5763979	6		1.44	0.02	0.5	100.7	0.37	3	0.10	0.29	32.7	13.8	22.14	5.5	0.5	2.22	21.3	5.66	0.59	390	16
83D01	2005	2132	11	408256	5767474	6		1.87	0.03	1.2	147.8	0.39	3	0.02	0.20	52.3	16.0	52.64	7.9	0.9	3.64	11.3	7.29	1.14	213	<5
83D01	2005	2133	11	407227	5770560	6		2.04	<0.02	0.3	161.6	0.30	3	0.04	0.37	48.1	16.8	48.72	7.3	1.0	3.17	18.1	5.32	1.18	243	<5
83D01	2005	2134	11	404391	5770570	6		1.59	0.03	0.7	143.9	0.63	3	0.09	0.42	42.1	20.0	33.05	6.0	1.0	3.05	31.8	6.94	0.89	332	10
83D01	2005	2135	11	403102	5770824	6		1.43	0.03	0.6	115.1	1.05	2	0.22	0.26	28.8	12.3	21.31	5.4	0.7	2.43	21.1	7.74	0.57	343	18
83D02	2005	2136	11	395806	5772167	6		1.74	<0.02	0.3	125.1	0.35	2	0.06	0.25	36.3	16.1	28.58	6.6	0.5	2.81	15.9	5.67	0.98	250	8
83D02	2005	2137	11	393156	5769512	6		1.65	0.04	0.7	127.2	0.43	2	0.13	0.34	37.9	15.2	27.17	6.5	0.8	2.84	19.7	9.08	0.79	387	19
83D03	2005	2138	11	355129	5775708	6		2.53	0.05	1.5	142.1	0.29	5	0.51	0.98	79.4	28.8	54.96	8.4	1.0	3.88	13.2	11.41	1.20	1046	60
83D03	2005	2139	11	353809	5777630	6		1.66	0.02	0.5	153.1	0.15	2	0.11	0.48	47.2	13.3	26.30	6.8	0.5	2.71	18.9	5.89	0.81	427	20
83D03	2005	2140	11	348385	5777733	6		1.68	0.04	0.4	167.8	0.11	5	0.17	0.36	40.1	19.3	25.38	6.4	0.2	3.11	16.1	6.53	0.66	707	34
83D14	2005	3002	11	354432	5850917	6		1.43	0.06	8.6	24.1	0.33	1	0.09	0.60	23.2	17.3	32.91	4.4	1.9	3.18	38.9	10.25	0.73	461	8
83D14	2005	3003	11	364678	5851532	6		2.03	0.02	0.3	18.0	0.22	1	0.15	0.19	16.4	65.2	60.87	2.7	1.1	2.18	693.4	5.87	0.57	813	11
83D14	2005	3004	11	364007	5851275	6		1.26	0.04	7.7	23.0	0.29	1	0.06	0.23	19.1	15.5	33.41	3.7	1.3	2.74	38.3	6.18	0.66	288	10
83D14	2005	3005	11	362136	5848764	6		1.37	0.07	2.1	26.2	0.26	2	0.09	0.54	22.6	13.6	23.20	4.2	1.4	2.92	38.3	8.66	0.63	408	22
83D14	2005	3006	11	344588	5862613	6		0.89	0.13	9.1	9.3	0.40	1	0.05	0.37	12.6	12.9	25.23	2.5	13.0	2.31	31.6	9.67	0.40	372	<5
83D14	2005	3007	11	357446	5847624	6	10	0.81	0.06	1.4	23.9	0.25	1	0.08	0.45	15.6	9.7	18.10	2.7	1.3	2.10	29.7	5.76	0.39	329	10
83D14	2005	3008	11	357446	5847624	6	20	0.76	0.05	1.1	18.9	0.26	2	0.06	0.36	12.7	8.5	15.48	2.3	0.8	2.11	27.2	7.18	0.36	315	13
83D10	2005	3010	11	382991	5826780	6		0.77	<0.02	1.6	20.6	0.27	1	0.05	0.18	12.2	9.0	18.57	2.3	1.4	1.59	17.4	3.13	0.36	233	9
83D10	2005	3011	11	377529	5828765	6		1.50	<0.02	0.1	6.5	0.31	<1	0.04	0.13	19.4	14.8	35.27	4.4	0.3	3.11	33.3	4.89	0.77	372	<5
83D10	2005	3012	11	377926	5828474	6		0.80	<0.02	0.3	27.5	0.29	2	0.04	0.21	11.7	13.3	22.51	2.5	0.5	1.65	32.7	3.51	0.39	302	19
83D10	2005	3013	11	376883	5827885	6		0.76	0.05	1.0	11.7	0.29	1	0.07	0.26	10.4	14.4	34.45	2.2	0.8	1.89	44.5	5.42	0.40	303	<5
83D11	2005	3014	11	354988	5845149	6		1.21	<0.02	0.1	110.6	0.11	<1	0.07	0.73	33.8	11.3	19.95	5.6	0.4	2.70	15.8	3.65	0.72	499	6
83D11	2005	3015	11	356613	5844348	6		1.56	0.02	0.1	188.1	0.02	<1	0.12	0.98	50.4	16.3	31.09	7.8	0.6	3.41	11.3	4.86	1.05	685	11
83D11	2005	3016	11	357179	5843842	6		1.75	0.02	0.1	230.4	0.08	<1	0.08	0.75	55.4	17.7	36.92	7.1	0.5	3.14	9.0	4.56	1.17	505	5
83D11	2005	3017	11	361095	5838453	6		1.82	0.02	0.1	211.4	0.13	<1	0.10	0.84	50.9	17.9	30.52	6.9	0.3	3.23	12.9	6.15	1.20	561	11
83D11	2005	3018	11	362352	5837028	6		1.31	<0.02	0.1	169.3	0.05	<1	0.07	0.91	37.3	12.1	20.11	5.4	0.3	2.68	10.6	3.83	0.85	462	6
83D11	2005	3019	11	364204	5834503	6		0.81	0.04	0.8	67.7	0.08	<1	0.09	0.43	15.7	6.1	8.65	2.9	1.3	1.37	14.0	4.10	0.33	330	15
83D10	2005	3020	11	364952	5833741	6		1.40	<0.02	0.3	154.7	0.10	<1	0.09	0.74	46.9	13.9	23.38	7.0	0.5	2.67	9.5	6.08	0.93	443	7

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
83D01	2005	2117	11	409953	5776189	6		0.28	29.1	0.148	0.20	1.9	0.9	75	0.046	88.7	0.02	<0.02	0.20	6.0	0.054	<0.1	2.0	16	80.7
83D02	2005	2118	11	392208	5779953	6		0.34	19.4	0.080	0.62	2.6	0.7	23	0.014	16.3	<0.01	0.08	0.27	4.6	0.170	<0.1	1.7	35	50.0
83D02	2005	2119	11	395176	5779309	6		0.48	23.8	0.079	0.51	2.2	1.3	70	0.011	16.4	0.04	0.07	0.23	5.2	0.125	<0.1	2.0	26	52.2
83D02	2005	2120	11	392664	5779264	6		0.87	11.4	0.080	0.23	2.0	0.3	27	0.015	12.3	0.07	0.02	0.11	5.6	0.082	0.2	1.3	24	31.2
83D02	2005	2122	11	396180	5775482	6	10	0.42	10.8	0.075	0.22	2.1	0.4	27	0.012	10.1	0.01	<0.02	0.11	5.0	0.082	0.2	0.9	25	30.2
83D02	2005	2123	11	396180	5775482	6	20	0.44	11.5	0.080	0.23	2.2	0.5	26	0.013	10.7	0.02	<0.02	0.12	5.3	0.089	0.2	1.0	27	32.0
83D02	2005	2124	11	392871	5773032	6		8.22	37.1	0.990	0.45	3.0	1.1	49	0.015	35.4	0.08	0.02	0.29	5.0	0.134	5.3	3.1	34	66.6
83D02	2005	2126	11	388461	5769558	6		1.36	15.5	0.103	0.26	2.7	0.4	29	0.020	47.2	0.04	0.03	0.15	5.1	0.120	0.9	5.3	31	49.3
83D02	2005	2127	11	385339	5763815	6		0.73	29.4	0.056	0.42	3.5	0.4	45	0.016	31.6	<0.01	<0.02	0.20	3.9	0.147	0.2	4.4	39	67.8
83D02	2005	2128	11	384491	5764877	6		0.36	27.3	0.164	0.38	2.7	0.5	27	0.044	36.8	0.01	0.02	0.14	8.9	0.117	0.1	1.9	30	38.5
83D02	2005	2129	11	392468	5764547	6		0.49	18.7	0.087	0.42	2.2	0.6	37	0.017	14.1	0.02	0.02	0.15	5.1	0.108	0.3	1.9	24	36.3
83D02	2005	2130	11	396059	5763682	6		0.35	25.0	0.041	0.42	2.7	0.4	59	0.012	13.5	0.03	0.02	0.19	4.7	0.128	0.2	1.3	27	44.3
83D02	2005	2131	11	393832	5763979	6		0.54	32.2	0.088	0.50	2.7	0.6	48	0.016	15.1	0.05	0.02	0.20	5.1	0.133	<0.1	2.0	31	50.3
83D01	2005	2132	11	408256	5767474	6		0.77	42.8	0.091	1.16	3.3	0.2	51	0.035	6.7	0.22	0.03	0.46	4.2	0.184	<0.1	1.2	38	82.3
83D01	2005	2133	11	407227	5770560	6		0.66	37.2	0.141	1.18	3.8	0.2	47	0.039	11.0	0.07	0.02	0.44	5.1	0.229	0.1	1.3	44	80.7
83D01	2005	2134	11	404391	5770570	6		1.01	39.6	0.156	0.79	3.5	0.5	49	0.029	15.9	0.04	0.03	0.29	8.8	0.168	0.5	3.7	36	60.2
83D01	2005	2135	11	403102	5770824	6		0.73	27.9	0.078	0.53	2.6	1.5	65	0.017	15.3	0.03	0.03	0.24	3.9	0.144	<0.1	1.9	31	54.2
83D02	2005	2136	11	395806	5772167	6		0.69	28.1	0.088	1.01	3.1	0.3	32	0.033	9.7	0.04	0.03	0.38	4.4	0.201	<0.1	1.3	38	72.7
83D02	2005	2137	11	393156	5769512	6		0.90	31.2	0.090	0.58	3.1	0.8	56	0.022	16.5	0.06	0.05	0.25	5.0	0.165	0.2	1.8	40	60.9
83D03	2005	2138	11	355129	5775708	6		1.58	67.2	0.129	0.53	5.1	1.5	101	0.042	54.9	0.09	0.04	0.35	4.5	0.202	0.5	4.6	65	160.4
83D03	2005	2139	11	353809	5777630	6		1.67	28.9	0.108	0.53	3.4	1.0	61	0.022	29.6	0.04	0.03	0.24	4.8	0.177	0.2	1.1	45	61.6
83D03	2005	2140	11	348385	5777733	6		2.03	29.8	0.079	0.45	3.1	1.5	79	0.019	32.0	0.04	0.03	0.25	3.7	0.129	0.1	1.0	38	62.9
83D14	2005	3002	11	354432	5850917	6		0.29	45.8	0.075	0.11	1.9	0.3	47	0.003	24.8	0.03	<0.02	0.14	15.1	0.038	<0.1	2.6	12	81.2
83D14	2005	3003	11	364678	5851532	6		0.29	139.9	0.072	0.10	1.7	1.7	34	0.002	6.4	0.04	0.03	0.14	12.3	0.033	<0.1	8.6	9	187.6
83D14	2005	3004	11	364007	5851275	6		0.27	32.6	0.081	0.11	1.4	0.2	35	0.002	9.1	0.02	0.03	0.18	15.0	0.040	<0.1	2.9	12	71.7
83D14	2005	3005	11	362136	5848764	6		0.45	43.9	0.076	0.07	1.5	1.5	61	0.004	19.8	0.05	<0.02	0.07	8.8	0.015	<0.1	4.1	13	71.5
83D14	2005	3006	11	344588	5862613	6		0.25	28.1	0.083	0.04	1.0	0.3	38	0.001	14.3	<0.01	0.03	0.04	14.6	0.016	<0.1	1.9	7	52.0
83D14	2005	3007	11	357446	5847624	6	10	0.42	23.9	0.070	0.06	1.4	1.0	39	0.003	21.8	0.03	0.02	0.05	8.4	0.018	<0.1	2.2	10	49.1
83D14	2005	3008	11	357446	5847624	6	20	0.36	22.0	0.058	0.05	1.2	0.6	52	0.003	17.0	0.02	<0.02	0.04	7.9	0.017	<0.1	1.6	8	43.0
83D10	2005	3010	11	382991	5826780	6		0.30	19.3	0.046	0.07	0.9	0.1	31	0.001	9.2	<0.01	0.03	0.09	4.1	0.030	<0.1	1.4	7	43.3
83D10	2005	3011	11	377529	5828765	6		0.28	28.7	0.061	0.03	1.5	0.2	38	0.001	4.4	0.06	0.02	0.03	11.3	0.011	<0.1	2.2	9	85.1
83D10	2005	3012	11	377926	5828474	6		0.27	39.2	0.073	0.11	0.9	0.4	46	0.003	6.3	0.02	0.02	0.16	5.1	0.029	<0.1	1.8	8	53.2
83D10	2005	3013	11	376883	5827885	6		0.26	30.0	0.077	0.05	0.9	0.2	33	0.002	9.9	0.04	0.02	0.06	12.7	0.023	<0.1	2.1	5	54.6
83D11	2005	3014	11	354988	5845149	6		0.97	20.7	0.238	0.49	2.9	0.2	22	0.020	13.8	0.02	<0.02	0.19	4.1	0.129	<0.1	0.9	36	61.4
83D11	2005	3015	11	356613	5844348	6		1.01	26.9	0.270	0.63	3.9	0.5	27	0.033	18.1	0.01	0.02	0.20	1.4	0.178	<0.1	1.2	58	94.4
83D11	2005	3016	11	357179	5843842	6		0.70	30.1	0.224	0.82	3.0	0.3	28	0.020	18.6	0.01	<0.02	0.34	2.8	0.182	0.1	1.4	54	78.9
83D11	2005	3017	11	361095	5838453	6		0.93	31.0	0.285	0.92	3.7	0.3	39	0.012	16.3	0.03	0.02	0.39	5.8	0.213	0.2	1.6	52	81.8
83D11	2005	3018	11	362352	5837028	6		0.62	18.7	0.338	0.66	3.4	0.1	23	0.013	20.1	0.02	<0.02	0.23	5.4	0.166	0.2	1.3	43	59.7
83D11	2005	3019	11	364204	5834503	6		0.46	9.4	0.085	0.21	1.7	0.7	35	0.007	11.2	0.03	<0.02	0.13	3.8	0.072	<0.1	3.5	17	35.2
83D10	2005	3020	11	364952	5833741	6		0.76	22.8	0.234	0.67	3.9	0.2	26	0.019	15.8	0.01	0.02	0.30	4.7	0.177	0.5	2.4	49	78.4

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
83D10	2005	3022	11	367478	5830750	6		1.68	<0.02	1.2	153.1	0.07	2	0.13	1.04	49.9	15.2	19.35	8.0	0.6	3.51	13.3	4.97	1.15	671	14
83D10	2005	3023	11	368491	5829890	6	10	1.22	0.02	0.8	88.5	0.09	1	0.15	0.64	28.0	10.1	12.47	5.7	0.7	2.33	17.8	6.34	0.63	496	16
83D10	2005	3024	11	368491	5829890	6	20	1.24	0.02	0.9	92.3	0.08	1	0.15	0.64	27.5	10.6	12.46	5.9	0.7	2.37	19.7	6.23	0.64	516	18
83D14	2005	3025	11	352600	5846129	6		0.63	<0.02	0.8	31.8	0.07	1	0.04	0.38	11.4	4.6	6.82	2.7	99.7	1.42	19.3	2.95	0.27	265	7
83D11	2005	3027	11	348930	5846560	6		0.59	<0.02	0.8	32.0	0.19	<1	0.03	0.31	11.6	4.5	7.45	2.2	0.9	1.14	16.8	2.68	0.25	198	<5
83D11	2005	3028	11	346685	5842691	6		1.25	<0.02	0.2	67.3	0.23	<1	0.10	0.28	28.0	17.9	27.01	4.3	1.4	2.25	36.9	5.15	0.63	285	10
83D11	2005	3029	11	348866	5840168	6		1.30	<0.02	0.3	114.8	0.09	<1	0.03	0.47	32.8	10.0	17.58	5.0	0.6	2.12	12.2	4.01	0.74	317	7
83D11	2005	3030	11	350732	5838465	6		1.10	<0.02	0.2	106.5	0.06	1	0.06	0.77	30.3	10.6	18.62	4.4	4.9	2.08	10.7	3.53	0.74	334	8
83D11	2005	3031	11	337015	5830261	6		1.46	<0.02	<0.1	76.3	0.35	<1	0.03	0.38	30.0	9.9	48.03	5.0	15.3	2.42	67.0	4.74	0.99	122	<5
83D11	2005	3032	11	336938	5830017	6		1.52	0.03	0.3	56.1	0.25	1	0.09	0.18	31.6	18.7	23.67	5.3	1.2	2.43	36.9	5.96	0.91	221	14
83D11	2005	3033	11	337704	5828848	6		1.62	0.03	0.3	95.5	0.30	1	0.11	0.16	47.0	23.8	31.75	5.6	0.3	2.81	27.6	7.09	1.01	505	9
83D11	2005	3034	11	337778	5828375	6		1.57	0.03	0.6	64.7	0.28	<1	0.11	0.21	33.5	17.1	32.34	5.4	0.6	2.94	24.1	7.48	0.99	355	13
83D11	2005	3035	11	337696	5826404	6		1.18	0.02	0.3	49.0	0.19	1	0.09	0.49	28.7	14.3	29.11	4.2	2.0	2.77	13.9	7.98	0.79	578	11
83D11	2005	3036	11	336595	5826273	6		1.61	0.02	0.5	66.5	0.29	1	0.10	0.45	38.0	15.7	34.15	6.0	0.6	3.42	18.3	7.98	1.09	589	11
83D11	2005	3037	11	338380	5821682	6		1.20	0.02	0.1	63.0	0.17	<1	0.07	0.33	30.8	13.3	29.68	4.9	0.5	2.59	14.8	5.24	0.84	308	<5
83D11	2005	3038	11	339389	5820382	6		1.58	0.02	0.5	52.8	0.22	<1	0.09	0.27	32.9	12.5	22.10	5.5	0.4	2.74	15.9	5.91	0.86	195	9
83D11	2005	3039	11	341492	5819344	6		1.30	0.02	0.7	67.2	0.17	<1	0.07	0.50	32.2	14.8	33.32	5.0	0.3	2.70	10.1	4.64	1.07	392	<5
83D03	2005	3040	11	333019	5777196	6		1.35	0.03	0.4	54.5	0.45	<1	0.10	0.22	29.7	10.6	18.22	5.2	0.4	2.09	17.1	10.44	0.49	336	15
83D03	2005	3042	11	334382	5778725	6		1.89	0.03	0.7	75.8	0.66	1	0.08	0.15	42.8	11.3	20.80	7.7	0.2	2.80	21.1	10.29	0.67	253	18
83D03	2005	3044	11	334853	5778449	6		0.84	<0.02	0.4	32.7	0.18	<1	0.07	0.43	17.8	4.7	8.34	2.9	0.5	1.04	19.2	3.52	0.28	170	<5
83D03	2005	3045	11	343054	5778574	6		0.90	<0.02	0.2	44.4	0.11	<1	0.02	0.21	17.4	4.1	4.05	2.8	0.5	1.16	11.6	3.63	0.28	129	<5
83D03	2005	3046	11	344047	5781027	6		1.07	0.02	0.4	36.8	0.12	1	0.07	0.39	22.7	6.8	12.27	3.7	0.5	1.49	20.6	5.20	0.36	282	9
83D03	2005	3047	11	346580	5783911	6		2.40	0.03	0.4	117.1	0.70	2	0.11	0.72	71.3	19.6	39.06	8.8	0.9	3.87	15.6	11.55	1.07	384	13
83D03	2005	3048	11	347103	5788216	6		1.72	0.02	0.5	65.8	0.45	1	0.07	0.73	44.3	11.1	19.99	5.9	0.6	2.17	11.3	6.79	0.70	328	13
83D11	2005	3049	11	335198	5820584	6		1.18	0.05	0.7	72.9	0.28	1	0.12	0.35	18.5	10.8	27.11	4.3	0.7	2.31	19.1	6.90	0.89	613	17
83D06	2005	3050	11	333301	5812919	6		1.00	0.02	0.2	44.7	0.30	<1	0.07	0.50	23.5	10.8	32.29	3.4	0.6	2.31	20.1	4.11	0.81	265	9
83D06	2005	3051	11	336134	5816938	6		1.08	0.02	0.1	35.1	0.22	1	0.15	0.32	19.7	18.0	25.38	3.0	<0.2	2.19	66.6	4.59	0.55	611	17
83D06	2005	3052	11	334235	5813947	6		1.03	0.03	<0.1	41.8	0.22	1	0.10	0.29	22.8	13.6	26.36	3.2	0.2	2.28	28.3	3.96	0.61	352	18
83D06	2005	3053	11	341727	5817652	6	10	0.97	0.04	0.8	66.7	0.25	<1	0.11	0.31	15.9	9.9	23.59	3.3	0.7	1.85	21.2	5.01	0.67	375	6
83D06	2005	3054	11	341727	5817652	6	20	0.96	0.04	0.9	61.3	0.24	<1	0.12	0.31	16.2	9.1	22.22	3.2	0.7	1.82	19.0	4.53	0.69	323	7
83D06	2005	3055	11	336811	5817630	6		0.96	0.03	0.3	62.5	0.25	<1	0.12	0.31	19.8	11.6	25.63	3.3	1.3	2.18	20.0	6.96	0.66	354	8
83D06	2005	3056	11	340043	5810792	6		0.71	0.04	<0.1	20.9	0.39	<1	0.17	0.34	10.6	10.3	23.11	1.9	0.9	2.39	25.5	9.31	0.40	391	18
83D06	2005	3057	11	340281	5810754	6		0.86	0.02	<0.1	37.9	0.43	<1	0.06	0.28	20.1	11.1	25.54	2.7	1.6	1.82	25.7	3.57	0.57	223	5
83D06	2005	3058	11	342423	5811892	6		0.75	0.03	0.1	26.6	0.36	1	0.19	0.26	12.0	13.3	27.35	2.1	0.5	2.54	29.3	7.76	0.43	673	19
83D06	2005	3059	11	344345	5812700	6		0.75	0.03	0.7	21.7	0.17	<1	0.12	0.27	13.0	9.7	13.69	2.2	1.1	1.65	18.9	4.61	0.43	410	11
83D06	2005	3060	11	345167	5813372	6		1.00	0.03	0.3	67.2	0.23	<1	0.11	0.23	17.6	9.1	19.16	3.3	0.6	1.75	20.0	6.66	0.68	298	10
83D06	2005	3062	11	344910	5814403	6		0.93	0.03	0.4	47.2	0.21	1	0.11	0.27	18.1	10.1	18.78	3.1	<0.2	2.06	16.7	5.58	0.64	350	6
83D06	2005	3063	11	340740	5818098	6		0.80	0.03	3.2	61.0	0.21	1	0.17	0.28	12.5	7.8	17.71	2.4	0.6	1.40	23.4	4.64	0.43	303	16
83D02	2005	3064	11	364864	5788379	6	10	1.44	0.02	0.4	112.8	0.24	1	0.04	0.60	57.0	19.3	59.15	5.1	0.9	2.63	9.5	4.41	0.89	328	8
83D02	2005	3065	11	364864	5788379	6	20	1.88	0.03	0.6	158.2	0.32	1	0.06	0.58	81.0	29.3	72.19	6.6	0.7	3.51	11.9	5.84	1.18	486	11

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
83D10	2005	3022	11	367478	5830750	6		1.03	27.5	0.277	0.67	4.3	0.8	31	0.019	21.8	0.01	<0.02	0.26	4.0	0.195	0.2	11.9	60	92.3
83D10	2005	3023	11	368491	5829890	6	10	1.49	14.2	0.166	0.34	3.0	0.6	34	0.021	13.0	0.01	0.02	0.19	5.6	0.125	0.4	4.1	37	68.9
83D10	2005	3024	11	368491	5829890	6	20	1.59	14.6	0.158	0.35	3.3	0.5	30	0.022	13.2	<0.01	0.02	0.19	5.8	0.130	0.2	4.2	38	72.2
83D14	2005	3025	11	352600	5846129	6		0.82	8.0	0.087	0.13	1.9	0.3	27	0.011	9.1	<0.01	<0.02	0.09	5.8	0.061	0.1	1.0	16	24.8
83D11	2005	3027	11	348930	5846560	6		0.88	9.8	0.079	0.14	1.5	0.3	16	0.010	9.3	<0.01	<0.02	0.07	5.7	0.052	0.3	1.0	13	21.5
83D11	2005	3028	11	346685	5842691	6		0.45	36.8	0.105	0.39	2.3	0.5	42	0.012	8.0	0.03	0.02	0.25	11.8	0.102	0.4	2.2	24	64.9
83D11	2005	3029	11	348866	5840168	6		1.79	16.8	0.085	0.45	2.6	0.4	32	0.017	12.0	0.01	<0.02	0.23	3.5	0.137	0.2	0.8	34	41.5
83D11	2005	3030	11	350732	5838465	6		0.51	18.8	0.238	0.48	2.6	0.4	21	0.018	14.4	0.03	0.02	0.21	3.3	0.114	0.6	1.4	34	51.8
83D11	2005	3031	11	337015	5830261	6		0.75	21.8	0.172	0.86	2.4	0.3	43	0.025	4.6	0.05	0.04	0.41	28.6	0.124	<0.1	4.6	29	54.4
83D11	2005	3032	11	336938	5830017	6		0.47	31.1	0.064	0.53	2.1	0.9	46	0.012	6.2	0.02	<0.02	0.29	8.3	0.119	<0.1	2.1	31	64.0
83D11	2005	3033	11	337704	5828848	6		0.65	37.2	0.070	0.64	2.7	0.7	70	0.012	10.6	0.06	0.03	0.36	7.6	0.125	<0.1	1.8	34	73.4
83D11	2005	3034	11	337778	5828375	6		0.61	37.5	0.055	0.53	2.1	0.8	56	0.011	14.8	0.04	0.03	0.36	7.2	0.109	<0.1	3.2	30	83.4
83D11	2005	3035	11	337696	5826404	6		0.43	26.9	0.077	0.32	2.3	1.1	45	0.007	31.5	0.03	0.02	0.23	4.5	0.100	<0.1	1.6	29	64.6
83D11	2005	3036	11	336595	5826273	6		0.61	31.1	0.066	0.46	3.4	0.5	48	0.007	29.9	0.02	0.02	0.33	8.0	0.140	<0.1	2.4	40	72.8
83D11	2005	3037	11	338380	5821682	6		0.54	24.8	0.067	0.47	3.2	0.4	34	0.009	21.1	0.04	0.02	0.17	5.2	0.094	<0.1	0.8	38	50.9
83D11	2005	3038	11	339389	5820382	6		0.56	26.4	0.052	0.36	2.6	0.3	21	0.006	13.5	0.01	0.03	0.21	4.8	0.104	<0.1	2.0	33	54.7
83D11	2005	3039	11	341492	5819344	6		0.50	24.7	0.063	0.41	3.2	0.5	42	0.012	19.2	0.07	<0.02	0.17	3.8	0.092	<0.1	0.7	42	49.2
83D03	2005	3040	11	333019	5777196	6		0.98	23.2	0.043	0.28	2.2	0.7	50	0.011	13.2	0.04	0.02	0.20	4.5	0.095	0.1	4.8	27	67.2
83D03	2005	3042	11	334382	5778725	6		0.66	34.3	0.029	0.32	3.1	0.4	81	0.008	14.1	<0.01	<0.02	0.23	5.0	0.139	<0.1	5.4	39	81.7
83D03	2005	3044	11	334853	5778449	6		0.38	11.8	0.103	0.13	1.6	0.3	12	0.017	25.5	<0.01	0.02	0.08	6.6	0.058	1.0	3.1	16	29.2
83D03	2005	3045	11	343054	5778574	6		0.32	9.4	0.043	0.09	1.5	0.2	19	0.009	15.2	<0.01	<0.02	0.08	2.7	0.051	0.2	1.2	16	28.1
83D03	2005	3046	11	344047	5781027	6		0.62	16.8	0.076	0.15	2.0	0.5	23	0.011	22.0	0.03	<0.02	0.10	6.6	0.065	0.4	2.7	20	36.4
83D03	2005	3047	11	346580	5783911	6		0.65	49.7	0.095	0.64	4.5	0.5	57	0.030	43.7	0.08	0.03	0.31	6.0	0.187	1.1	3.8	50	85.4
83D03	2005	3048	11	347103	5788216	6		0.34	28.6	0.088	0.31	2.8	0.4	37	0.028	59.8	0.02	0.03	0.16	3.6	0.119	0.3	2.5	32	56.6
83D11	2005	3049	11	335198	5820584	6		0.99	17.8	0.079	0.36	2.0	0.6	51	0.010	16.7	0.04	0.04	0.22	5.3	0.079	0.1	1.7	26	59.3
83D06	2005	3050	11	333301	5812919	6		0.52	24.5	0.089	0.33	2.0	0.3	36	0.010	16.1	0.06	0.02	0.18	7.7	0.064	0.1	1.3	26	42.6
83D06	2005	3051	11	336134	5816938	6		0.83	72.4	0.068	0.23	1.6	1.1	68	0.006	17.5	0.05	<0.02	0.24	6.9	0.058	<0.1	3.3	18	68.6
83D06	2005	3052	11	334235	5813947	6		0.84	47.1	0.056	0.27	1.5	1.4	54	0.009	15.6	0.05	0.02	0.29	6.9	0.052	<0.1	2.6	19	50.2
83D06	2005	3053	11	341727	5817652	6	10	0.92	17.3	0.066	0.39	1.9	0.5	42	0.008	14.9	0.04	0.02	0.24	7.3	0.081	0.1	1.4	18	50.4
83D06	2005	3054	11	341727	5817652	6	20	0.93	15.0	0.068	0.39	1.7	0.3	29	0.008	14.2	0.03	0.03	0.24	6.9	0.080	<0.1	1.3	18	46.8
83D06	2005	3055	11	336811	5817630	6		0.95	27.2	0.057	0.32	1.9	0.5	41	0.007	17.2	0.02	0.03	0.22	6.8	0.072	<0.1	1.6	22	51.3
83D06	2005	3056	11	340043	5810792	6		0.81	21.7	0.081	0.13	1.1	0.7	61	0.003	17.3	0.03	0.04	0.15	7.7	0.037	<0.1	2.3	10	46.7
83D06	2005	3057	11	340281	5810754	6		0.44	24.2	0.083	0.29	1.5	0.3	28	0.008	10.7	0.01	0.02	0.19	7.4	0.059	0.2	1.4	17	41.1
83D06	2005	3058	11	342423	5811892	6		0.81	39.6	0.055	0.17	1.1	1.0	74	0.005	17.4	0.02	0.04	0.20	5.4	0.035	<0.1	2.5	11	48.7
83D06	2005	3059	11	344345	5812700	6		0.46	26.1	0.064	0.16	1.1	0.7	36	0.004	15.9	<0.01	<0.02	0.16	5.1	0.047	<0.1	1.9	12	40.0
83D06	2005	3060	11	345167	5813372	6		0.63	18.0	0.058	0.38	1.7	0.3	33	0.007	6.1	<0.01	<0.02	0.23	5.9	0.080	<0.1	1.3	21	48.6
83D06	2005	3062	11	344910	5814403	6		0.76	20.1	0.054	0.29	1.6	0.4	35	0.006	13.4	<0.01	0.02	0.20	5.5	0.080	<0.1	1.6	21	46.3
83D06	2005	3063	11	340740	5818098	6		1.03	13.9	0.059	0.21	1.3	0.5	48	0.006	9.5	0.01	0.02	0.17	4.4	0.054	<0.1	2.3	13	44.8
83D02	2005	3064	11	364864	5788379	6	10	1.83	29.2	0.122	0.65	3.7	0.4	44	0.055	23.3	0.20	0.03	0.31	4.9	0.156	0.4	1.9	41	50.3
83D02	2005	3065	11	364864	5788379	6	20	2.38	38.7	0.112	0.88	5.0	0.5	53	0.060	26.0	0.17	0.03	0.45	5.3	0.208	0.5	2.9	55	68.3

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
83D13	2005	1002	11	328797	5871617	6	10	<0.1	<0.5	350	0.8	3	250	3	72	12	3.9	<2	19	6.79	145.0	1.40	<3	67	66
83D13	2005	1003	11	328797	5871617	6	20	<0.1	0.7	160	0.7	3	240	2	58	11	4.0	<4	17	6.97	143.0	1.50	<3	67	55
83D14	2005	1004	11	332106	5869555	6		<0.1	<1.0	250	<1.2	2	423	<1	39	19	6.8	<6	34	6.26	271.0	1.10	<6	110	42
83D14	2005	1005	11	332910	5864436	6		<0.1	<1.1	330	<1.0	3	643	2	130	17	5.9	<7	33	8.71	355.0	2.00	<7	230	65
83D14	2005	1006	11	332476	5865572	6		<0.1	<1.1	300	1.8	4	419	4	77	21	5.9	<6	32	7.37	271.0	1.20	<6	110	63
83D13	2005	1007	11	320967	5875516	6		<0.1	0.5	930	0.6	<1	160	5	110	17	2.4	<2	14	4.17	87.4	0.51	<3	56	150
83D13	2005	1009	11	321634	5869879	6		<0.1	<0.5	940	2.2	<1	200	7	120	17	3.0	<2	16	4.66	108.0	0.48	<3	62	180
83D13	2005	1010	11	322226	5871396	6		<0.1	<0.5	690	1.8	<1	120	9	100	17	2.0	<2	8	4.01	62.1	0.36	<3	38	150
83D11	2005	1011	11	331486	5824164	6		<0.1	<0.5	130	0.7	1	200	2	30	11	3.0	<2	32	4.58	112.0	0.70	<2	59	37
83D11	2005	1012	11	333084	5822589	6		<0.1	<0.5	240	0.6	<1	130	2	39	8	1.8	<2	14	3.07	64.9	0.46	<2	39	62
83D06	2005	1013	11	343745	5817846	6		0.1	<0.5	240	2.4	2	110	2	48	11	2.0	<2	10	3.44	53.0	0.49	<1	38	47
83D06	2005	1014	11	344728	5817238	6		0.2	0.8	310	8.3	2	94	4	61	16	1.9	<2	13	4.09	47.0	0.60	<1	35	76
83D06	2005	1015	11	346859	5817360	6		0.2	0.7	170	5.2	1	140	2	43	14	2.4	<2	15	3.95	70.3	0.59	<1	47	42
83D06	2005	1016	11	349198	5817872	6		0.1	<0.5	180	4.5	<1	110	2	44	12	2.0	<2	11	3.68	54.2	0.45	<1	40	50
83D06	2005	1017	11	350382	5817549	6		<0.1	<0.5	160	4.3	<1	86	2	42	11	1.5	<2	8	3.18	43.0	0.34	<1	31	55
83D06	2005	1018	11	352231	5817614	6		<0.1	<0.5	260	7.2	<1	110	3	40	11	1.6	<2	10	3.04	54.9	0.44	<2	39	59
83D06	2005	1019	11	355150	5817172	6		<0.1	<0.5	420	3.0	<1	120	4	51	9	1.5	<2	11	2.64	60.8	0.53	<2	39	73
83D12	2005	1020	11	319526	5835380	6		<0.1	<0.5	430	<0.5	<1	130	3	51	10	2.0	<2	15	2.79	62.7	0.57	<2	43	81
83D11	2005	1022	11	357866	5825586	6		<0.1	<0.5	390	1.5	2	260	<1	46	14	3.2	<4	19	4.70	140.0	1.00	<3	84	68
83D11	2005	1024	11	362423	5826489	6		<0.1	<0.5	290	3.9	4	280	1	53	16	4.2	<2	38	5.47	154.0	1.60	<4	94	59
83D11	2005	1025	11	362310	5826340	6		<0.1	<1.0	490	0.9	2	533	<1	120	15	6.4	<7	62	5.23	278.0	2.50	<6	200	63
83D11	2005	1026	11	358224	5828783	6		<0.1	<0.5	440	12.0	3	210	2	82	17	3.2	<2	18	4.44	105.0	1.00	<4	70	87
83D12	2005	1027	11	319373	5832487	6		0.4	7.8	480	3.0	<1	130	3	92	19	2.1	<2	19	5.18	68.1	0.58	<3	40	92
83D12	2005	1028	11	317126	5835751	6		0.2	11.0	320	11.0	<1	120	2	58	12	2.0	<2	17	3.18	68.6	0.62	<3	40	62
83D12	2005	1029	11	319027	5832570	6		0.4	5.3	410	14.0	<1	110	3	58	14	1.9	<2	11	3.33	59.8	0.43	<3	39	74
83D12	2005	1030	11	317127	5835983	6		0.3	10.0	270	<0.5	<1	97	2	52	10	1.6	<2	17	2.75	50.6	0.56	<1	30	49
83D12	2005	1031	11	323595	5826108	6		0.1	1.6	520	10.0	<1	170	5	75	35	2.5	<2	8	5.05	94.0	0.47	<3	54	110
83D03	2005	1032	11	352125	5785990	6		<0.1	2.4	610	7.5	<1	350	6	110	22	3.8	<4	17	6.05	187.0	1.00	<5	100	160
83D06	2005	1033	11	349665	5811412	6		0.2	1.0	490	4.0	1	81	5	45	11	1.4	<2	8	3.13	40.0	0.68	<2	30	92
83D06	2005	1034	11	350012	5812972	6		1.1	3.1	400	23.0	1	190	7	55	9	3.6	<2	8	3.17	103.0	1.20	<4	74	100
83D06	2005	1035	11	346857	5807075	6		<0.1	0.6	290	2.7	<1	93	3	44	9	1.5	<2	10	2.96	47.0	0.48	<1	34	59
83D06	2005	1036	11	345209	5807024	6		<0.1	<0.5	330	5.1	<1	130	4	40	10	1.9	4	12	3.11	64.5	0.48	<2	46	75
83D06	2005	1037	11	343571	5806637	6		0.1	0.8	320	6.3	1	110	4	63	18	2.3	<2	12	5.13	63.5	0.75	<1	47	68
83D06	2005	1038	11	347243	5804445	6		<0.1	0.6	320	3.6	<1	120	3	34	8	1.5	<2	13	2.34	55.9	0.49	<2	41	72
83D06	2005	1039	11	350469	5814976	6	10	1.2	2.2	520	5.8	1	240	6	42	6	3.1	<2	11	3.10	126.0	1.10	<4	75	93
83D06	2005	1040	11	350469	5814976	6	20	1.1	1.8	550	4.9	<1	210	5	36	6	3.2	<2	10	2.79	115.0	1.00	<3	64	93
83D14	2005	1042	11	345121	5871658	6		0.3	7.1	630	1.8	<1	326	3	58	13	4.2	83	27	4.08	173.0	0.92	<4	100	120
83D14	2005	1043	11	347883	5874177	6		0.4	11.0	870	3.8	<1	190	5	72	15	2.3	45	10	4.29	99.0	0.58	<3	62	160
83D12	2005	1044	11	322904	5825805	6		<0.1	0.7	410	1.2	1	110	2	100	15	2.0	<2	16	5.50	60.8	0.58	<1	41	64
83D12	2005	1045	11	322638	5826046	6		0.2	3.2	560	2.3	1	120	5	100	20	2.0	<2	12	5.26	61.6	0.53	<3	46	110

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
83D13	2005	1002	11	328797	5871617	6	10	19.9	22.7	1.10	5.7	2.3	40.9	3	8.3	8.8	130	19.31	820	1.80	0.03	73.0	7.34
83D13	2005	1003	11	328797	5871617	6	20	19.4	23.0	1.06	4.7	1.9	40.1	4	8.3	9.3	110	20.53	750	1.70	0.03	71.0	7.32
83D14	2005	1004	11	332106	5869555	6		34.7	17.6	1.05	6.4	2.3	79.8	4	15.0	7.2	110	19.16	570	1.40	0.03	50.0	7.02
83D14	2005	1005	11	332910	5864436	6		46.4	30.0	0.89	10.0	4.2	108.0	6	22.0	15.0	<50	2.40	1020	1.80	0.10	112.0	7.83
83D14	2005	1006	11	332476	5865572	6		32.5	26.1	1.00	7.6	3.6	74.4	5	17.0	8.5	130	17.39	780	3.50	0.05	115.0	7.69
83D13	2005	1007	11	320967	5875516	6		13.0	16.6	0.94	1.7	1.4	24.3	3	6.4	3.3	80	12.16	720	3.00	0.06	102.0	7.20
83D13	2005	1009	11	321634	5869879	6		15.4	17.3	0.95	1.1	1.5	31.1	3	7.7	3.0	110	14.09	1125	4.49	0.03	63.0	7.34
83D13	2005	1010	11	322226	5871396	6		9.0	13.4	1.15	1.3	1.0	17.0	2	8.0	2.4	100	14.00	850	3.60	0.03	61.0	7.34
83D11	2005	1011	11	331486	5824164	6		15.2	10.0	0.74	6.6	1.5	24.0	1	6.6	4.4	<50	21.53	490	1.70	0.06	172.0	8.15
83D11	2005	1012	11	333084	5822589	6		9.4	9.0	0.77	3.0	0.9	15.0	1	3.7	2.8	<50	18.27	430	2.20	0.06	144.0	7.99
83D06	2005	1013	11	343745	5817846	6		9.4	11.3	0.94	2.5	1.1	12.0	1	3.0	3.1	55	18.50	630	3.80	0.04	147.0	8.09
83D06	2005	1014	11	344728	5817238	6		8.7	13.7	1.00	3.2	1.2	12.0	2	3.5	3.8	72	15.81	820	5.70	0.06	204.0	8.29
83D06	2005	1015	11	346859	5817360	6		11.8	11.5	0.73	3.4	1.2	15.0	3	3.4	3.9	<50	19.11	670	3.80	0.06	233.0	8.31
83D06	2005	1016	11	349198	5817872	6		9.3	10.8	0.71	2.8	1.0	11.0	2	2.8	2.8	<50	18.78	660	3.50	0.07	242.0	8.34
83D06	2005	1017	11	350382	5817549	6		7.1	9.0	0.60	1.7	0.8	8.9	<1	2.2	2.2	<50	20.51	600	3.50	0.08	172.0	8.18
83D06	2005	1018	11	352231	5817614	6		8.4	8.6	0.64	2.1	0.9	12.0	1	4.9	2.8	<50	16.00	430	4.50	0.05	116.0	7.78
83D06	2005	1019	11	355150	5817172	6		9.1	9.3	1.12	1.7	1.0	16.0	1	4.9	3.3	54	16.42	460	4.40	0.04	73.0	7.55
83D12	2005	1020	11	319526	5835380	6		10.0	9.2	1.02	1.4	1.3	21.2	2	5.7	3.6	<50	18.65	380	1.70	0.03	58.8	7.45
83D11	2005	1022	11	357866	5825586	6		19.0	17.6	2.61	4.8	1.9	21.4	<1	5.7	6.5	150	20.54	1380	1.80	0.26	73.0	7.45
83D11	2005	1024	11	362423	5826489	6		24.6	18.9	2.36	7.2	3.0	20.5	3	5.7	10.0	180	19.47	930	3.60	0.45	71.0	7.44
83D11	2005	1025	11	362310	5826340	6		40.2	26.2	2.64	11.0	6.4	56.6	3	13.0	19.0	<50	3.12	1120	0.80	0.29	74.0	7.58
83D11	2005	1026	11	358224	5828783	6		16.7	19.5	1.62	4.0	2.1	24.5	1	7.7	6.2	110	13.91	900	6.89	0.07	51.0	7.39
83D12	2005	1027	11	319373	5832487	6		9.4	12.2	0.94	2.0	1.0	18.0	2	6.4	3.5	66	17.56	510	3.69	0.02	35.0	7.38
83D12	2005	1028	11	317126	5835751	6		9.4	7.8	1.00	1.6	1.1	17.0	2	7.9	3.8	<50	15.53	300	5.50	0.04	175.0	7.85
83D12	2005	1029	11	319027	5832570	6		8.5	8.6	0.94	1.6	0.9	13.0	1	10.0	2.5	64	12.24	360	13.20	0.02	55.0	7.65
83D12	2005	1030	11	317127	5835983	6		7.5	6.6	0.94	2.1	1.1	16.0	3	4.9	3.5	<50	21.68	300	2.00	<0.02	57.5	7.23
83D12	2005	1031	11	323595	5826108	6		12.5	12.5	0.57	1.6	1.3	19.0	2	5.9	3.1	69	13.47	750	8.50	0.02	58.8	7.11
83D03	2005	1032	11	352125	5785990	6		25.9	17.8	0.92	1.4	3.0	57.2	<1	13.0	6.4	76	13.16	780	8.90	0.11	103.0	7.09
83D06	2005	1033	11	349665	5811412	6		6.8	11.8	1.64	1.1	1.0	11.0	2	3.1	4.2	66	16.29	480	6.21	0.05	33.8	7.15
83D06	2005	1034	11	350012	5812972	6		18.0	10.0	1.19	2.2	2.7	22.9	3	13.0	7.7	<50	9.97	430	12.30	0.10	104.0	7.98
83D06	2005	1035	11	346857	5807075	6		7.5	9.4	0.87	2.0	1.0	11.0	2	3.4	3.0	<50	17.77	420	4.00	0.03	118.0	7.80
83D06	2005	1036	11	345209	5807024	6		10.2	10.1	0.88	2.8	1.0	16.0	3	4.0	3.2	<50	16.56	550	3.80	0.02	163.0	7.60
83D06	2005	1037	11	343571	5806637	6		11.4	15.6	1.43	2.9	1.6	15.0	2	4.9	4.8	66	15.02	730	6.09	<0.02	163.0	8.27
83D06	2005	1038	11	347243	5804445	6		8.9	8.1	0.79	2.8	1.0	14.0	3	3.8	3.0	<50	16.59	370	4.70	<0.02	188.0	8.10
83D06	2005	1039	11	350469	5814976	6	10	16.7	10.0	1.64	1.2	2.2	25.7	4	9.2	7.2	<50	16.06	340	3.40	0.06	85.0	7.87
83D06	2005	1040	11	350469	5814976	6	20	15.3	9.1	1.63	0.9	2.0	23.3	2	8.3	6.4	<50	18.91	330	3.20	0.06	90.0	7.93
83D14	2005	1042	11	345121	5871658	6		22.1	11.7	0.88	3.6	2.1	40.8	5	7.3	5.8	59	17.49	300	3.90	<0.02	213.0	8.19
83D14	2005	1043	11	347883	5874177	6		13.2	14.2	0.79	2.0	1.5	28.9	2	6.8	3.8	57	13.75	400	4.70	<0.02	1.9	8.18
83D12	2005	1044	11	322904	5825805	6		8.4	15.4	0.93	2.8	0.8	16.0	2	4.8	3.5	<50	21.56	280	1.50	<0.02	66.3	7.60
83D12	2005	1045	11	322638	5826046	6		9.4	14.9	0.83	1.5	1.2	20.0	2	5.5	3.1	63	14.80	490	3.96	<0.02	40.0	7.48

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
83D06	2005	1046	11	351423	5798556	6		0.1	<0.5	370	3.4	2	110	6	45	12	2.0	<2	9	3.82	50.9	0.65	<3	39	72
83D06	2005	1047	11	351507	5805808	6		<0.1	<0.5	290	0.9	2	96	4	44	12	1.7	<2	8	3.23	49.0	0.47	<1	36	72
83D06	2005	1048	11	353650	5811637	6		0.5	4.5	420	8.7	2	140	6	36	7	2.4	<2	7	2.46	66.0	0.68	<3	55	83
83D06	2005	1049	11	354888	5812824	6		<0.1	1.1	320	7.3	4	334	4	83	16	5.2	<5	24	5.99	174.0	1.30	<3	100	73
83D06	2005	1051	11	355451	5814275	6		<0.2	<1.3	<170	<1.3	4	900	<1	140	18	7.5	<8	54	8.61	496.0	2.60	<9	320	57
83D11	2005	1052	11	356233	5831308	6		0.2	1.0	430	18.0	2	422	3	77	21	4.8	<5	12	5.31	217.0	0.80	<5	130	94
83D11	2005	1053	11	353512	5835031	6		0.1	1.3	550	14.0	3	220	3	53	12	3.4	<2	17	4.62	111.0	0.83	<4	73	85
83D12	2005	1054	11	326725	5828154	6		<0.1	0.7	270	29.0	<1	92	2	37	8	1.3	<2	10	2.68	48.0	0.38	<2	34	51
83D13	2005	1055	11	306859	5874449	6		0.2	4.6	540	4.2	<1	130	3	90	10	2.0	<2	11	4.45	66.9	0.59	<1	44	100
83D13	2005	1056	11	307194	5874013	6		0.2	0.6	300	<0.5	<1	210	2	54	4	2.6	<2	10	3.98	118.0	0.58	<2	64	63
83D13	2005	1057	11	304983	5872593	6	10	0.2	1.9	800	1.4	<1	120	6	110	14	1.6	<2	8	4.70	61.1	0.46	<3	39	160
83D13	2005	1058	11	304983	5872593	6	20	<0.1	1.1	730	1.5	<1	120	5	99	13	1.8	<2	8	4.59	64.4	0.49	<3	43	140
83D13	2005	1059	11	303311	5871488	6		0.4	2.4	510	1.6	<1	140	5	73	14	2.1	<2	12	4.13	74.1	0.54	<2	49	110
83D13	2005	1060	11	308475	5869869	6		<0.1	<0.5	590	<0.5	<1	170	4	77	14	2.3	<2	16	3.80	85.2	0.61	<3	53	110
83D13	2005	1062	11	307985	5868109	6		0.1	0.8	660	10.0	<1	96	4	85	14	1.6	5	8	3.66	49.0	0.43	<2	39	130
83D13	2005	1063	11	307067	5865738	6		0.1	0.9	1000	<0.5	<1	88	6	140	16	1.5	<2	6	5.10	47.0	0.47	<1	33	220
83D13	2005	1064	11	307422	5865050	6		<0.1	<0.5	880	<0.5	<1	120	4	100	11	1.9	<2	7	3.94	63.0	0.41	<3	47	150
83D13	2005	1065	11	303970	5871054	6		0.2	0.9	430	1.4	<1	210	3	69	14	3.0	<2	25	3.55	99.0	0.72	<3	65	78
83D13	2005	1066	11	302496	5871010	6	10	0.4	5.9	600	<0.5	<1	130	3	100	16	2.1	<2	10	4.61	67.7	0.56	<3	46	110
83D13	2005	1067	11	302496	5871010	6	20	0.4	5.8	630	<0.5	<1	130	4	110	17	2.1	<2	9	4.69	66.4	0.54	<1	50	110
83D13	2005	1068	11	320133	5867645	6		<0.1	0.9	960	1.4	<1	230	7	110	30	3.4	<2	12	4.23	117.0	0.45	<4	78	180
83D14	2005	1069	11	331691	5859616	6		<0.1	<0.5	370	<0.5	2	470	2	30	9	6.8	<5	25	3.24	239.0	1.50	<6	140	50
83D13	2005	1070	11	322995	5861274	6		<0.3	1.6	340	<1.4	<1	1020	5	160	16	11.0	<9	107	6.17	559.0	1.90	<12	380	130
83D13	2005	1071	11	322411	5861238	6		<0.1	<0.5	540	2.8	<1	320	5	86	16	4.0	<2	17	4.70	172.0	0.64	<4	94	120
83D13	2005	1072	11	323729	5862014	6		<0.1	<0.5	570	2.8	<1	303	6	96	21	4.8	<4	15	4.24	182.0	0.50	<4	110	120
83D13	2005	1073	11	325042	5862866	6		<0.1	0.6	570	1.2	2	210	6	82	15	3.1	<2	15	4.25	113.0	0.64	<2	67	120
83D13	2005	1074	11	325839	5862963	6		<0.1	<0.5	1200	<0.5	1	140	9	140	21	2.2	<2	10	4.89	70.9	0.29	<3	46	240
83D13	2005	1075	11	326653	5863858	6		<0.1	<0.5	750	1.1	2	260	6	100	19	3.6	<2	14	5.18	136.0	0.73	<3	80	160
83D13	2005	1076	11	326122	5864020	6		<0.1	<0.5	480	<1.0	2	450	3	63	15	6.9	<6	38	5.07	260.0	1.80	<7	140	98
83D13	2005	1077	11	327217	5864566	6		<0.2	<1.3	250	0.8	<1	765	3	140	18	7.4	<8	30	11.90	427.0	2.90	<8	280	68
83D13	2005	1078	11	318097	5865722	6		<0.1	0.9	810	0.6	<1	290	5	110	17	4.0	<2	18	4.63	159.0	0.42	<4	87	170
83D13	2005	1080	11	317063	5865426	6		<0.1	<0.5	710	1.6	<1	190	6	95	14	2.7	<2	14	4.31	101.0	0.45	<3	62	140
83D13	2005	1082	11	315444	5863116	6		<0.1	<0.5	1300	0.8	<1	94	6	140	16	1.6	<2	6	3.25	49.0	0.19	<2	34	200
83D13	2005	1083	11	315163	5863808	6		<0.1	0.7	730	11.0	<1	150	5	96	15	2.4	<2	10	3.52	77.7	0.39	<3	53	140
83D13	2005	1085	11	314193	5874235	6	10	<0.1	0.6	810	0.9	<1	150	4	93	15	2.8	<2	13	4.14	87.3	0.60	<3	56	130
83D13	2005	1086	11	314193	5874235	6	20	<0.1	<0.5	420	0.8	<1	250	3	60	11	3.7	<2	23	4.34	139.0	0.90	<4	80	81
83D13	2005	1087	11	314063	5874149	6		<0.1	<0.5	490	<0.5	2	110	3	52	10	1.8	<2	12	2.39	56.5	0.59	<2	35	80
83D13	2005	1088	11	302237	5869167	6		0.1	0.9	1200	<0.5	<1	83	7	140	11	1.4	<2	7	4.99	44.0	0.47	<3	30	230
83D13	2005	1089	11	300903	5867540	6		0.2	3.5	620	1.7	<1	150	4	100	16	2.3	<2	11	4.32	74.7	0.57	<3	50	140
83D13	2005	1090	11	300890	5866676	6		0.2	5.6	440	1.9	<1	160	4	89	16	2.4	<2	11	4.13	81.3	0.54	<1	55	110

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
83D06	2005	1046	11	351423	5798556	6		10.0	13.4	1.51	2.5	1.2	13.0	4	4.0	4.1	<50	18.22	420	4.30	0.10	150.0	8.19
83D06	2005	1047	11	351507	5805808	6		8.2	10.4	1.00	1.7	1.0	12.0	2	3.1	2.9	<50	19.35	340	3.00	0.04	163.0	8.25
83D06	2005	1048	11	353650	5811637	6		12.8	10.5	0.86	1.1	1.6	21.3	3	6.6	4.6	64	12.22	750	10.30	0.14	200.0	8.13
83D06	2005	1049	11	354888	5812824	6		24.4	21.2	2.01	7.1	2.6	27.2	<1	8.2	8.4	110	14.50	940	8.99	0.35	61.3	7.44
83D06	2005	1051	11	355451	5814275	6		66.6	31.0	1.58	10.0	8.3	139.0	9	29.0	20.7	<50	3.03	430	0.30	0.21	61.3	7.33
83D11	2005	1052	11	356233	5831308	6		31.3	19.5	1.00	2.1	2.5	63.4	4	13.0	5.0	<50	10.69	480	11.30	0.05	61.3	7.60
83D11	2005	1053	11	353512	5835031	6		15.9	20.3	1.47	2.9	1.4	24.9	<1	11.0	5.2	<50	12.98	490	9.39	0.03	62.5	7.71
83D12	2005	1054	11	326725	5828154	6		6.8	7.2	0.64	2.0	0.7	11.0	2	4.7	2.3	<50	15.50	270	7.79	0.02	188.0	7.98
83D13	2005	1055	11	306859	5874449	6		10.0	12.6	1.00	1.3	1.1	17.0	1	4.4	3.7	64	14.32	270	3.60	0.12	138.0	7.28
83D13	2005	1056	11	307194	5874013	6		14.3	11.0	0.59	3.4	1.2	24.1	2	3.2	3.6	50	19.74	400	1.90	0.09	75.0	5.95
83D13	2005	1057	11	304983	5872593	6	10	8.2	16.7	0.76	1.9	0.7	17.0	2	3.8	2.8	66	11.96	330	4.10	0.02	43.8	6.87
83D13	2005	1058	11	304983	5872593	6	20	8.6	15.5	0.77	1.6	0.9	17.0	2	4.0	2.9	59	14.00	330	3.80	0.02	43.8	6.89
83D13	2005	1059	11	303311	5871488	6		10.6	12.2	0.68	1.9	1.2	21.3	1	5.0	3.4	<50	15.80	280	3.60	0.03	43.8	7.33
83D13	2005	1060	11	308475	5869869	6		12.4	12.3	0.77	1.9	1.5	20.7	3	6.4	3.8	<50	17.14	210	2.41	0.04	144.0	7.44
83D13	2005	1062	11	307985	5868109	6		7.7	12.5	0.78	1.6	1.0	15.0	2	4.1	2.6	56	11.06	540	8.26	<0.02	32.5	7.25
83D13	2005	1063	11	307067	5865738	6		7.5	22.0	0.66	1.3	1.1	16.0	3	4.6	3.0	76	12.15	390	4.40	0.02	52.5	6.78
83D13	2005	1064	11	307422	5865050	6		10.0	16.8	0.67	1.2	1.2	18.0	3	5.0	2.6	54	16.03	320	3.49	0.05	150.0	6.76
83D13	2005	1065	11	303970	5871054	6		14.4	10.9	0.73	3.0	1.4	24.2	2	6.1	4.4	<50	16.44	240	2.50	0.04	105.0	7.87
83D13	2005	1066	11	302496	5871010	6	10	10.0	13.1	0.94	1.3	1.2	17.0	1	4.2	3.6	66	14.97	270	2.71	<0.02	62.5	7.71
83D13	2005	1067	11	302496	5871010	6	20	10.0	13.2	0.95	0.9	1.1	17.0	<1	3.7	3.4	63	15.71	300	2.33	<0.02	65.0	7.67
83D13	2005	1068	11	320133	5867645	6		18.1	17.0	0.93	1.8	2.2	29.7	3	8.7	2.9	87	13.91	370	3.40	0.06	150.0	7.83
83D14	2005	1069	11	331691	5859616	6		36.2	12.2	1.35	3.6	4.4	74.8	<1	15.0	10.0	<50	24.01	180	0.80	0.04	62.5	6.86
83D13	2005	1070	11	322995	5861274	6		78.2	19.8	1.00	8.1	8.0	182.0	7	43.0	14.0	<50	1.99	340	2.04	0.06	70.0	6.26
83D13	2005	1071	11	322411	5861238	6		24.0	14.9	1.05	3.8	2.0	52.9	3	9.2	3.8	90	15.13	390	4.08	0.03	38.8	6.68
83D13	2005	1072	11	323729	5862014	6		26.4	14.6	1.06	2.5	2.4	40.8	4	7.3	3.2	110	13.65	330	3.92	0.03	61.3	7.02
83D13	2005	1073	11	325042	5862866	6		16.6	14.2	1.31	2.4	1.8	33.6	1	7.3	4.0	80	14.89	320	4.13	0.03	125.0	7.72
83D13	2005	1074	11	325839	5862963	6		11.3	20.3	1.00	1.6	1.5	22.6	3	6.8	1.9	99	12.70	320	4.59	0.04	108.0	6.60
83D13	2005	1075	11	326653	5863858	6		20.0	18.9	1.07	2.3	2.4	35.6	3	8.9	4.7	78	12.33	280	3.59	0.05	82.5	6.10
83D13	2005	1076	11	326122	5864020	6		35.9	17.4	1.30	2.8	4.5	79.5	<1	19.0	12.0	120	15.82	300	3.00	0.04	77.5	6.70
83D13	2005	1077	11	327217	5864566	6		57.6	37.8	0.64	8.3	6.4	134.0	6	23.0	21.5	<50	2.54	240	3.55	0.03	92.5	6.96
83D13	2005	1078	11	318097	5865722	6		22.1	16.2	0.86	2.1	1.8	50.0	2	10.0	2.6	86	14.77	270	3.50	0.02	67.5	5.80
83D13	2005	1080	11	317063	5865426	6		14.0	15.0	0.94	2.9	1.5	31.6	3	6.1	2.8	53	14.18	300	4.17	0.02	32.5	5.65
83D13	2005	1082	11	315444	5863116	6		7.3	16.8	0.82	0.6	0.8	15.0	3	5.0	1.3	62	12.11	280	4.30	0.02	113.0	7.01
83D13	2005	1083	11	315163	5863808	6		11.9	13.3	0.82	1.8	1.1	21.8	3	6.2	2.4	50	10.68	330	7.58	0.03	43.8	5.72
83D13	2005	1085	11	314193	5874235	6	10	13.6	15.4	0.90	1.6	1.7	21.6	2	6.2	4.3	69	16.40	250	3.24	0.05	138.0	6.68
83D13	2005	1086	11	314193	5874235	6	20	19.4	12.6	0.89	3.8	2.0	37.2	2	8.3	6.0	<50	19.65	210	2.09	0.05	120.0	6.35
83D13	2005	1087	11	314063	5874149	6		8.6	10.0	1.00	1.2	1.2	17.0	<1	5.3	3.9	<50	19.95	180	2.27	0.08	213.0	6.44
83D13	2005	1088	11	302237	5869167	6		7.3	23.8	0.65	1.0	1.0	18.0	2	6.0	3.0	82	11.02	520	4.95	0.04	175.0	6.21
83D13	2005	1089	11	300903	5867540	6		11.0	15.1	0.79	1.4	1.2	19.0	2	4.9	3.6	61	12.84	190	4.81	0.02	62.5	6.57
83D13	2005	1090	11	300890	5866676	6		11.7	12.6	0.70	1.5	1.1	22.1	2	5.3	3.4	59	14.32	340	3.98	0.02	62.5	6.66

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
83D13	2005	1091	11	301225	5866637	6		0.1	1.4	750	<0.5	<1	100	4	110	15	1.6	<2	8	4.35	52.7	0.43	<1	40	150
83D13	2005	1092	11	300770	5865402	6		0.3	14.0	640	1.0	<1	170	4	100	17	2.6	<2	8	4.69	88.3	0.54	<3	60	130
83D13	2005	1093	11	301455	5863683	6		0.3	6.0	360	1.0	<1	140	3	63	14	2.2	<2	12	3.29	76.8	0.50	<2	51	81
83D13	2005	1094	11	301653	5862484	6		0.2	5.0	420	1.3	<1	100	3	73	18	1.6	<2	10	3.64	54.4	0.53	<2	35	91
83D13	2005	1095	11	301389	5861459	6		0.7	24.0	510	12.0	<1	190	4	87	20	2.9	<2	12	4.04	103.0	0.54	<4	69	110
83D13	2005	1096	11	302096	5860401	6		0.3	4.5	340	0.6	<1	110	3	65	13	1.7	<2	10	3.31	60.8	0.50	<2	38	86
83D13	2005	1097	11	302163	5858564	6		0.6	9.2	650	<0.5	<1	200	4	110	19	3.5	6	20	5.11	107.0	0.80	<2	69	130
83D13	2005	1098	11	302553	5858057	6		0.3	6.3	390	0.9	<1	140	3	68	12	2.2	<2	13	3.51	77.2	0.60	<3	51	89
83D13	2005	1099	11	299300	5852667	6		0.5	16.0	110	1.1	<1	417	2	63	31	7.4	<6	76	4.35	239.0	1.90	<4	120	37
83D13	2005	1100	11	299469	5852828	6		0.4	11.0	420	0.6	<1	200	2	75	15	2.9	<2	13	3.95	102.0	0.60	<3	61	78
83D12	2005	1102	11	325522	5821837	6		<0.1	0.9	620	4.2	<1	99	3	100	15	1.7	<2	9	3.97	52.8	0.33	<2	36	98
83D12	2005	1103	11	324253	5821698	6		<0.1	1.3	550	13.0	1	100	4	110	16	1.8	<2	8	3.99	55.8	0.33	<3	42	90
83D12	2005	1104	11	323892	5820457	6		<0.1	0.8	560	1.3	1	90	2	100	14	1.6	<2	13	5.62	48.0	0.44	<2	31	82
83D12	2005	1105	11	323017	5820544	6		0.1	0.9	750	3.3	<1	110	4	120	20	1.8	<2	8	4.99	58.4	0.37	<3	42	130
83D12	2005	1106	11	328826	5823949	6	10	<0.1	0.5	510	1.1	<1	110	3	83	11	1.8	<2	12	3.71	56.0	0.39	<1	40	80
83D12	2005	1107	11	328826	5823949	6	20	<0.1	0.9	430	0.5	<1	85	2	75	10	1.5	<2	9	3.22	45.0	0.32	<1	32	65
83D06	2005	1108	11	332387	5809511	6		0.1	0.7	380	11.0	1	88	5	65	10	1.6	<2	9	3.07	47.0	0.34	<2	33	72
83D06	2005	1109	11	332314	5809379	6		<0.1	0.7	680	<0.5	4	110	15	82	12	1.7	<2	6	3.08	53.6	0.39	<2	38	120
83D06	2005	1110	11	332625	5812922	6		<0.1	2.0	380	0.9	4	98	3	53	9	1.5	<2	10	2.79	49.0	0.41	<1	33	58
83D06	2005	1111	11	332691	5812811	6		<0.1	2.6	460	<0.5	4	130	10	65	11	2.0	<2	12	3.54	64.3	0.57	<3	46	89
83D11	2005	1112	11	331821	5820630	6		0.3	1.2	380	2.5	2	110	4	40	11	1.9	<2	9	3.14	51.7	0.57	<1	39	76
83D11	2005	1113	11	332132	5821824	6		<0.1	1.2	340	0.6	2	100	2	56	9	1.6	<2	9	2.66	50.7	0.36	<2	36	59
83D05	2005	1115	11	329027	5818152	6		0.2	1.9	450	8.2	<1	87	3	63	11	1.6	<2	9	2.89	45.0	0.29	<3	34	66
83D05	2005	1116	11	327966	5816384	6		<0.1	1.5	480	2.2	<1	170	4	76	26	2.7	<2	12	3.76	82.4	0.58	<3	57	100
83D05	2005	1117	11	327348	5816318	6		<0.1	0.8	530	3.4	<1	110	3	77	9	1.7	<2	10	2.85	56.7	0.35	<2	41	80
83D05	2005	1118	11	327505	5816155	6		<0.1	1.0	390	<0.5	3	120	2	62	8	1.9	<2	13	2.75	63.5	0.40	<2	42	61
83D11	2005	1119	11	335672	5830234	6		<0.1	<0.5	360	4.3	<1	86	3	51	14	1.7	<2	10	3.22	43.0	0.38	<1	32	61
83D11	2005	1120	11	335250	5830342	6		<0.1	0.5	310	1.3	<1	92	2	39	9	1.4	<2	10	2.43	46.0	0.35	<1	32	51
83D06	2005	1122	11	330537	5818971	6		<0.1	0.7	480	5.5	<1	110	4	64	18	1.9	<2	8	3.23	57.5	0.36	<2	40	82
83D06	2005	1123	11	349009	5812463	6		0.3	<0.5	310	2.6	3	95	6	75	23	2.4	<2	7	5.41	51.5	0.88	<1	37	76
83D06	2005	1124	11	345305	5807595	6		<0.1	<0.5	250	2.6	<1	86	3	32	7	1.3	<2	8	2.21	42.0	0.37	<1	32	50
83D06	2005	1125	11	339710	5805637	6		0.2	<0.5	440	1.8	1	94	8	45	12	1.9	<2	8	3.77	47.0	0.71	<1	35	94
83D06	2005	1126	11	340060	5805245	6	10	<0.1	0.6	450	2.0	1	170	2	80	9	2.4	<2	14	3.07	84.3	0.37	<3	56	47
83D06	2005	1127	11	340060	5805245	6	20	<0.1	0.9	480	1.6	1	230	2	85	9	3.0	<2	20	3.33	118.0	0.42	<3	64	50
83D12	2005	1128	11	310099	5846036	6		0.3	4.7	380	0.7	<1	120	3	66	12	1.7	<2	14	3.84	63.3	0.60	<2	40	87
83D12	2005	1129	11	307606	5846782	6		0.4	10.0	490	0.6	<1	200	3	93	17	3.1	<2	17	4.39	102.0	0.67	<3	61	96
83D13	2005	1130	11	305089	5849689	6		0.4	16.0	550	10.0	<1	120	4	93	14	1.8	<2	12	3.55	62.3	0.51	<3	47	100
83D13	2005	1131	11	304466	5851101	6		0.4	4.8	250	2.2	<1	260	3	51	14	3.5	<2	15	3.02	136.0	0.51	<3	77	64
83D13	2005	1132	11	303853	5851143	6		0.5	18.0	340	<0.5	<1	200	2	73	14	3.2	<2	19	3.75	106.0	0.71	<2	66	61
83D13	2005	1133	11	308623	5850180	6		0.4	5.6	610	11.0	<1	240	6	97	13	8.1	<6	8	4.78	284.0	0.78	<4	200	140

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
83D13	2005	1091	11	301225	5866637	6		8.0	16.7	0.74	1.1	0.9	15.0	2	4.4	2.8	72	15.28	240	3.62	<0.02	87.5	6.64
83D13	2005	1092	11	300770	5865402	6		12.9	14.1	0.62	1.2	1.4	23.9	2	6.2	3.5	64	14.21	300	4.22	<0.02	150.0	7.19
83D13	2005	1093	11	301455	5863683	6		10.8	9.2	0.70	1.6	1.2	18.0	1	4.9	3.3	50	19.48	160	2.55	0.02	103.0	6.64
83D13	2005	1094	11	301653	5862484	6		7.5	10.8	0.81	1.6	1.0	16.0	2	5.4	3.4	60	17.19	230	2.97	0.02	66.3	5.81
83D13	2005	1095	11	301389	5861459	6		14.3	12.6	0.67	1.6	1.3	27.1	2	16.0	3.4	52	13.59	370	6.50	<0.02	52.5	6.51
83D13	2005	1096	11	302096	5860401	6		8.2	9.5	0.77	1.8	1.0	18.0	1	4.5	3.3	51	19.45	170	2.48	0.02	144.0	6.64
83D13	2005	1097	11	302163	5858564	6		15.4	14.9	0.88	0.8	1.7	22.9	1	6.9	5.3	70	17.33	300	4.42	<0.02	73.8	7.28
83D13	2005	1098	11	302553	5858057	6		10.7	10.5	0.79	2.0	1.0	18.0	2	6.3	3.8	56	18.82	180	2.65	<0.02	80.0	5.82
83D13	2005	1099	11	299300	5852667	6		31.0	11.3	1.02	1.6	3.6	43.0	3	13.0	13.0	80	22.54	300	2.56	<0.02	75.0	6.50
83D13	2005	1100	11	299469	5852828	6		13.6	10.0	1.09	1.3	1.5	22.0	1	5.8	4.1	62	17.89	280	2.57	<0.02	62.5	7.13
83D12	2005	1102	11	325522	5821837	6		7.6	12.1	0.75	0.9	0.9	15.0	2	4.9	2.1	<50	17.43	300	3.61	<0.02	77.5	7.34
83D12	2005	1103	11	324253	5821698	6		8.3	12.1	0.80	1.2	0.9	15.0	2	7.4	2.1	70	10.65	510	12.51	<0.02	42.5	7.03
83D12	2005	1104	11	323892	5820457	6		7.2	12.8	0.84	2.3	0.8	16.0	2	4.2	2.8	<50	18.07	350	2.87	<0.02	37.5	7.39
83D12	2005	1105	11	323017	5820544	6		8.7	14.4	0.74	1.9	1.0	18.0	1	6.7	2.3	69	13.71	320	4.28	<0.02	33.8	6.81
83D12	2005	1106	11	328826	5823949	6	10	8.3	11.5	0.79	1.2	0.9	17.0	3	3.7	2.4	<50	17.36	240	2.40	<0.02	80.0	6.88
83D12	2005	1107	11	328826	5823949	6	20	6.8	10.0	0.76	1.2	0.8	14.0	1	3.2	2.0	<50	19.70	220	2.08	<0.02	72.5	6.93
83D06	2005	1108	11	332387	5809511	6		7.7	10.7	0.95	1.6	1.0	12.0	2	4.7	2.2	68	15.21	460	10.10	0.02	163.0	7.53
83D06	2005	1109	11	332314	5809379	6		8.5	12.5	0.70	1.5	1.0	16.0	5	4.1	2.5	<50	15.64	230	6.58	0.02	125.0	7.99
83D06	2005	1110	11	332625	5812922	6		7.6	9.3	0.67	1.3	0.9	14.0	11	3.9	2.6	<50	21.19	190	5.18	<0.02	105.0	7.53
83D06	2005	1111	11	332691	5812811	6		10.1	12.0	0.67	2.1	1.0	18.0	75	5.4	3.6	<50	19.73	150	5.21	0.02	138.0	7.49
83D11	2005	1112	11	331821	5820630	6		9.5	10.2	1.13	2.1	1.3	14.0	2	4.3	3.7	<50	17.48	250	4.29	0.03	175.0	7.69
83D11	2005	1113	11	332132	5821824	6		7.7	8.7	0.71	1.1	0.8	15.0	1	3.7	2.2	<50	18.74	180	3.75	0.02	123.0	7.35
83D05	2005	1115	11	329027	5818152	6		6.8	8.3	0.69	0.9	0.9	13.0	2	7.2	1.9	<50	15.27	320	5.51	<0.02	70.0	7.11
83D05	2005	1116	11	327966	5816384	6		13.0	11.9	0.59	2.3	1.6	18.0	3	5.8	3.9	55	17.36	240	3.65	<0.02	123.0	7.09
83D05	2005	1117	11	327348	5816318	6		8.3	10.3	0.71	1.4	0.8	16.0	2	4.9	2.1	<50	13.46	350	7.77	<0.02	32.5	6.83
83D05	2005	1118	11	327505	5816155	6		9.1	9.3	0.68	1.4	1.0	18.0	1	4.3	2.5	<50	21.59	160	4.81	<0.02	113.0	7.27
83D11	2005	1119	11	335672	5830234	6		7.5	9.4	0.74	2.7	1.0	11.0	2	3.5	2.4	<50	18.62	460	3.98	<0.02	43.8	6.50
83D11	2005	1120	11	335250	5830342	6		7.2	7.0	0.79	2.2	0.9	12.0	2	3.4	2.3	<50	23.76	240	2.08	<0.02	115.0	7.34
83D06	2005	1122	11	330537	5818971	6		8.7	10.4	0.73	1.2	1.1	13.0	2	5.0	2.4	<50	16.31	270	4.38	<0.02	115.0	6.42
83D06	2005	1123	11	349009	5812463	6		10.0	24.9	1.53	1.2	1.7	11.0	<1	3.0	5.7	66	15.96	180	7.21	0.03	40.0	6.38
83D06	2005	1124	11	345305	5807595	6		6.7	6.9	0.68	1.2	0.8	10.0	<1	2.9	2.3	<50	17.24	210	3.53	0.02	65.0	6.73
83D06	2005	1125	11	339710	5805637	6		8.9	13.4	1.69	1.8	1.4	15.0	6	3.6	4.5	51	19.42	240	3.38	<0.02	37.5	5.86
83D06	2005	1126	11	340060	5805245	6	10	12.2	10.3	1.22	1.3	1.2	30.3	2	5.5	2.2	<50	17.82	225	2.91	<0.02	37.5	6.82
83D06	2005	1127	11	340060	5805245	6	20	16.5	11.3	1.27	1.5	1.5	41.6	3	8.2	2.5	<50	19.23	320	2.77	<0.02	36.3	6.67
83D12	2005	1128	11	310099	5846036	6		8.4	10.0	0.85	2.2	0.9	15.0	<1	4.9	3.8	<50	17.99	180	2.27	0.03	82.5	6.70
83D12	2005	1129	11	307606	5846782	6		14.3	12.1	0.87	2.2	1.3	25.5	3	7.4	4.2	55	17.64	300	2.96	<0.02	75.0	6.45
83D13	2005	1130	11	305089	5849689	6		8.8	12.2	0.68	1.4	1.1	20.0	2	10.0	3.2	<50	11.62	480	7.76	<0.02	46.3	6.53
83D13	2005	1131	11	304466	5851101	6		17.7	7.9	0.77	2.4	1.5	26.3	2	7.1	3.2	<50	19.37	180	5.10	0.03	58.8	6.03
83D13	2005	1132	11	303853	5851143	6		14.6	8.9	1.10	2.2	1.6	23.3	2	6.1	4.6	<50	21.17	260	2.19	<0.02	58.8	7.20
83D13	2005	1133	11	308623	5850180	6		38.1	14.9	0.64	0.8	4.8	16.0	<2	5.1	5.7	<50	9.30	510	13.18	0.02	114.0	5.36

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
83D13	2005	1134	11	309789	5851217	6		0.3	12.0	410	<0.5	<1	230	4	68	17	3.4	<2	13	4.06	114.0	0.64	<3	82	100
83D12	2005	1135	11	325805	5843185	6		<0.1	0.7	230	2.9	1	190	2	36	5	2.6	<2	16	2.76	92.3	0.63	<3	59	45
83D12	2005	1136	11	326255	5843031	6		<0.1	<0.5	520	2.7	2	333	5	77	13	4.7	<4	20	5.74	171.0	0.92	<4	110	110
83D12	2005	1138	11	326082	5843172	6		<0.1	<0.5	390	<0.5	<1	120	3	50	10	1.8	<2	10	2.71	60.8	0.39	<2	44	79
83D12	2005	1139	11	325557	5846172	6		<0.1	<0.5	650	<0.5	1	345	6	130	18	4.6	<5	18	4.72	209.0	0.61	<5	100	130
83D12	2005	1140	11	323867	5846556	6		<0.1	0.6	350	2.1	2	240	3	99	19	3.9	<2	14	4.24	142.0	0.55	<3	76	73
83D12	2005	1142	11	328007	5845731	6		<0.1	<0.5	540	<1.1	1	379	5	98	14	5.6	<6	27	4.47	242.0	1.00	<6	110	97
83D12	2005	1143	11	328354	5845040	6		<0.1	1.5	320	<1.2	2	371	4	100	17	6.3	<5	19	4.85	254.0	0.70	<7	110	67
83D12	2005	1144	11	329467	5844441	6		<0.1	<1.1	290	<1.4	4	417	3	150	24	7.2	<8	19	5.58	301.0	1.10	<6	120	66
83D12	2005	1145	11	329674	5845098	6		<0.1	1.0	190	16.0	2	445	4	100	20	6.2	<6	21	4.21	301.0	0.94	<7	130	59
83D11	2005	1147	11	333038	5844831	6		<0.1	<0.5	300	1.2	2	354	5	83	11	5.2	<4	20	4.56	222.0	1.50	<6	110	70
83D11	2005	1148	11	331700	5844313	6	10	<0.1	<0.5	740	<0.5	<1	200	5	110	14	3.2	<2	22	4.09	120.0	0.62	<3	67	120
83D11	2005	1149	11	331700	5844313	6	20	<0.1	<0.5	660	0.6	<1	190	6	100	14	3.2	<2	21	3.88	115.0	0.60	<3	61	130
83D11	2005	1150	11	331030	5839589	6		<0.1	0.7	520	1.5	1	301	6	110	14	4.7	<4	22	4.85	182.0	0.63	<5	110	130
83D11	2005	1151	11	331338	5839447	6		<0.1	<0.5	450	3.0	2	342	5	140	25	5.3	<5	15	5.77	213.0	0.83	<4	110	100
83D11	2005	1152	11	331144	5839309	6		<0.1	<0.5	590	0.8	<1	170	5	86	12	2.5	<2	13	3.69	100.0	0.45	<2	58	120
83D11	2005	1153	11	336088	5844566	6		<0.1	<0.5	150	2.3	<1	68	<1	24	3	1.2	<2	6	1.25	40.0	0.42	<1	26	22
83D11	2005	1154	11	334370	5845965	6		0.2	0.5	220	0.9	2	220	3	49	9	3.5	<2	23	3.04	128.0	1.20	<4	69	45
83D11	2005	1155	11	336806	5838867	6		<0.1	<0.5	180	<1.2	2	433	4	89	11	6.7	<6	56	4.80	271.0	1.30	<7	120	91
83D11	2005	1156	11	337094	5838882	6		<0.1	<0.5	140	3.2	2	392	3	140	38	5.3	<6	29	6.06	244.0	1.30	<6	120	52
83D11	2005	1157	11	340441	5845389	6		<0.1	<1.4	<50	2.8	2	583	4	130	31	6.6	<7	31	8.54	390.0	1.70	<10	150	84
83D11	2005	1158	11	340980	5845468	6		<0.1	<0.5	640	0.9	1	230	7	120	19	3.2	<2	20	5.63	136.0	0.71	<4	83	140
83D14	2005	1159	11	341021	5851597	6		<0.1	1.1	350	7.2	2	305	3	98	14	4.5	<4	29	5.69	176.0	1.10	<4	110	68
83D14	2005	1160	11	341508	5849396	6		<0.1	<0.5	290	6.5	2	300	2	72	12	4.0	<4	25	6.06	172.0	1.10	<5	100	45
83D11	2005	1162	11	351212	5833468	6		<0.1	0.8	270	8.1	1	280	4	87	16	3.7	<4	18	5.45	168.0	0.93	<3	95	77
83D11	2005	1163	11	345535	5832780	6		<0.1	2.2	350	23.0	2	357	4	130	59	5.7	<6	14	7.06	246.0	1.00	<4	130	83
83D11	2005	1164	11	346922	5833618	6		<0.1	<0.5	410	8.8	1	210	5	98	18	2.8	<2	16	4.98	124.0	0.75	<3	73	84
83D11	2005	1165	11	343256	5833600	6		<0.1	1.1	360	<1.1	3	260	2	97	15	4.2	<5	14	6.76	187.0	1.20	<4	75	69
83D11	2005	1166	11	343284	5833173	6	10	<0.1	<0.5	420	3.4	1	190	5	90	11	3.1	<2	20	5.03	114.0	0.77	<3	70	100
83D11	2005	1167	11	343284	5833173	6	20	<0.1	<0.5	320	3.3	1	200	4	80	10	2.8	<2	20	4.65	116.0	0.79	<3	72	75
83D14	2005	1168	11	350554	5860364	6		0.2	7.2	710	10.0	<1	120	4	64	11	1.8	<2	14	3.47	74.1	0.48	<1	45	130
83D14	2005	1169	11	350908	5860219	6		0.2	4.5	550	6.3	<1	170	3	65	11	2.5	29	17	4.08	109.0	0.56	<2	69	110
83D14	2005	1170	11	352816	5860888	6		0.1	14.0	700	11.0	<1	140	7	79	14	2.1	<2	16	3.97	84.1	0.53	<3	54	150
83D14	2005	1171	11	354013	5862076	6		0.3	10.0	580	2.1	<1	210	3	67	11	2.7	<2	18	3.57	125.0	0.73	<2	69	120
83D14	2005	1172	11	354335	5865745	6		0.2	12.0	710	3.9	<1	170	4	67	12	2.3	<2	11	3.23	104.0	0.60	<2	63	150
83D14	2005	1173	11	354272	5865939	6		0.2	12.0	660	2.6	<1	190	4	72	12	2.7	<2	12	3.49	115.0	0.65	<3	72	140
83D14	2005	1174	11	356250	5860522	6		0.1	10.0	610	1.3	<1	170	5	68	12	2.3	<2	19	3.84	102.0	0.68	<2	59	130
83D14	2005	1175	11	358525	5863005	6		0.2	14.0	630	2.5	<1	210	5	84	13	3.2	<2	11	3.50	123.0	0.60	<2	76	150
83D14	2005	1176	11	358279	5862431	6		0.1	16.0	720	4.2	<1	130	5	95	19	2.1	<2	8	4.82	86.5	0.50	<2	54	150
83D14	2005	1177	11	361214	5855959	6		<0.1	5.7	990	<0.5	<1	150	7	120	19	2.0	<2	7	5.17	87.7	0.43	<2	53	190

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
83D13	2005	1134	11	309789	5851217	6		16.6	10.8	0.77	1.9	1.5	25.2	3	7.9	4.3	<50	9.19	240	2.73	<0.02	53.8	5.89
83D12	2005	1135	11	325805	5843185	6		14.1	9.4	1.10	2.1	1.4	29.3	2	7.8	3.9	<50	18.75	190	1.88	0.02	95.0	7.29
83D12	2005	1136	11	326255	5843031	6		27.4	17.5	0.81	7.5	3.0	51.7	5	11.0	5.9	<50	14.61	320	3.60	0.02	32.5	5.34
83D12	2005	1138	11	326082	5843172	6		10.0	9.0	1.09	1.9	1.0	19.0	2	4.5	2.3	<50	17.63	170	1.32	0.02	52.5	7.10
83D12	2005	1139	11	325557	5846172	6		28.8	17.4	1.10	2.8	2.7	60.4	<1	13.0	4.4	100	11.97	300	2.39	0.04	52.5	6.65
83D12	2005	1140	11	323867	5846556	6		19.6	14.5	1.23	5.1	2.0	40.9	1	8.9	4.1	75	16.65	350	2.98	<0.02	52.5	7.20
83D12	2005	1142	11	328007	5845731	6		32.9	16.0	1.38	4.2	3.4	67.8	3	16.0	7.3	88	15.54	280	2.38	0.03	48.8	5.58
83D12	2005	1143	11	328354	5845040	6		32.5	16.1	1.19	5.4	3.6	64.7	4	14.0	5.2	96	20.60	270	1.65	0.05	62.5	5.76
83D12	2005	1144	11	329467	5844441	6		34.7	20.3	1.68	7.7	3.8	67.0	4	14.0	8.1	87	18.45	300	2.08	0.03	62.5	6.30
83D12	2005	1145	11	329674	5845098	6		35.5	14.4	1.61	6.4	3.8	77.1	5	15.0	7.0	90	14.75	350	7.45	0.02	31.3	6.13
83D11	2005	1147	11	333038	5844831	6		31.1	18.0	1.19	8.4	3.5	63.2	6	14.0	11.0	77	18.25	300	3.86	0.03	57.5	6.57
83D11	2005	1148	11	331700	5844313	6	10	16.4	15.4	1.02	2.4	2.1	32.4	3	7.8	4.3	76	13.54	400	3.03	0.03	55.0	6.69
83D11	2005	1149	11	331700	5844313	6	20	15.8	14.7	1.05	3.8	1.8	30.5	2	6.8	4.3	88	16.17	420	2.89	0.03	56.3	6.43
83D11	2005	1150	11	331030	5839589	6		26.6	16.4	0.90	4.5	2.9	49.6	3	12.0	4.3	95	13.35	550	3.96	<0.02	23.8	6.50
83D11	2005	1151	11	331338	5839447	6		28.0	21.9	1.20	4.9	2.9	55.3	2	12.0	5.7	110	15.49	540	3.46	0.03	77.5	6.88
83D11	2005	1152	11	331144	5839309	6		13.6	12.4	1.00	3.4	1.5	26.9	3	5.0	2.9	63	17.56	340	2.43	0.03	61.3	6.90
83D11	2005	1153	11	336088	5844566	6		5.7	5.7	1.06	1.5	0.6	10.0	1	2.6	2.6	<50	17.58	70	3.77	0.19	77.5	6.81
83D11	2005	1154	11	334370	5845965	6		18.7	11.7	0.86	7.6	2.8	35.3	4	8.0	8.0	<50	21.35	270	2.10	0.02	26.3	6.82
83D11	2005	1155	11	336806	5838867	6		39.0	14.8	1.14	6.9	4.3	83.7	5	20.0	9.2	95	19.04	220	1.20	0.07	56.3	4.86
83D11	2005	1156	11	337094	5838882	6		33.3	21.3	1.09	6.7	3.4	69.8	3	15.0	9.2	100	19.61	220	2.68	0.03	43.8	6.59
83D11	2005	1157	11	340441	5845389	6		51.2	31.3	0.78	8.5	4.9	118.0	<3	22.0	12.0	62	19.32	270	3.04	0.03	47.5	6.61
83D11	2005	1158	11	340980	5845468	6		19.8	18.5	0.94	3.0	2.2	40.0	2	8.7	5.0	90	14.65	400	3.33	0.06	67.5	6.54
83D14	2005	1159	11	341021	5851597	6		25.3	20.8	1.19	5.4	2.7	48.1	3	12.0	7.5	61	15.02	370	7.83	0.03	40.0	7.33
83D14	2005	1160	11	341508	5849396	6		24.2	21.3	1.02	3.8	2.5	50.7	2	12.0	7.3	60	15.96	300	9.23	0.02	13.8	6.75
83D11	2005	1162	11	351212	5833468	6		23.3	18.9	0.91	4.3	2.5	52.4	3	10.0	6.3	73	15.33	290	5.92	0.06	30.0	7.26
83D11	2005	1163	11	345535	5832780	6		32.0	22.2	1.00	6.7	3.8	41.7	2	8.9	7.0	160	14.93	420	9.85	0.08	30.0	6.84
83D11	2005	1164	11	346922	5833618	6		17.7	17.2	1.00	3.6	1.9	38.0	2	7.7	5.3	72	14.87	350	6.52	0.08	37.5	7.05
83D11	2005	1165	11	343256	5833600	6		19.8	25.3	1.26	7.1	2.5	37.8	5	7.7	8.2	<50	23.71	270	2.58	0.05	37.5	6.99
83D11	2005	1166	11	343284	5833173	6	10	16.3	15.2	0.91	4.5	1.8	30.4	3	7.1	5.1	59	13.36	440	7.00	0.06	25.0	6.56
83D11	2005	1167	11	343284	5833173	6	20	16.5	14.4	1.00	5.6	1.8	30.4	3	6.9	5.4	<50	12.73	400	5.71	0.06	25.0	6.34
83D14	2005	1168	11	350554	5860364	6		10.0	11.2	1.13	2.4	1.0	21.8	1	6.8	3.3	61	13.14	250	5.58	0.03	118.0	7.97
83D14	2005	1169	11	350908	5860219	6		13.6	11.3	1.00	4.0	1.3	23.2	1	4.9	3.8	63	16.50	210	4.27	0.04	95.0	7.80
83D14	2005	1170	11	352816	5860888	6		11.0	12.7	1.11	2.2	1.2	23.3	<1	11.0	3.7	90	12.67	270	6.18	0.03	150.0	7.64
83D14	2005	1171	11	354013	5862076	6		15.9	10.7	0.84	2.7	1.8	33.4	3	7.1	4.7	70	17.31	160	3.95	0.03	150.0	7.80
83D14	2005	1172	11	354335	5865745	6		13.7	11.7	0.64	2.4	1.3	30.9	2	5.8	4.2	68	15.10	250	4.26	0.02	150.0	7.68
83D14	2005	1173	11	354272	5865939	6		15.0	12.0	0.76	1.3	1.5	33.0	3	7.6	4.3	68	13.80	230	4.30	0.03	113.0	7.41
83D14	2005	1174	11	356250	5860522	6		13.1	10.7	1.26	3.2	1.3	26.3	<1	6.5	4.5	74	17.51	250	3.07	0.02	113.0	7.63
83D14	2005	1175	11	358525	5863005	6		16.2	13.0	0.73	1.8	1.8	34.0	2	7.0	4.0	81	12.81	250	4.75	0.02	95.0	7.52
83D14	2005	1176	11	358279	5862431	6		11.2	15.7	0.88	1.2	1.2	22.5	1	6.0	3.3	94	10.84	390	6.88	0.03	65.0	6.98
83D14	2005	1177	11	361214	5855959	6		11.8	19.8	1.00	1.3	1.1	24.6	<1	5.5	3.0	110	16.30	350	3.71	0.02	80.0	7.50

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
83D14	2005	1179	11	361195	5856244	6		0.2	1.2	420	10.0	<1	230	3	84	21	3.6	<2	8	4.31	169.0	0.59	<3	110	120
83D14	2005	1180	11	358105	5853246	6		<0.1	3.6	640	3.5	<1	190	5	100	21	3.2	<2	13	4.95	131.0	0.68	<3	87	150
83D14	2005	1182	11	357579	5853244	6		0.1	4.0	570	4.7	<1	180	4	73	13	2.3	<2	14	4.01	107.0	0.52	<2	65	120
83D14	2005	1183	11	362084	5848132	6		0.2	1.8	530	5.9	1	170	3	91	15	2.5	10	12	4.58	105.0	0.56	<2	66	120
83D15	2005	1184	11	366395	5855023	6		0.3	1.3	480	4.3	<1	140	4	83	15	2.0	<2	7	4.21	96.3	0.47	<2	64	130
83D15	2005	1185	11	367145	5854860	6	10	0.2	1.6	350	2.3	<1	190	3	70	10	2.7	<2	8	4.40	109.0	0.51	<2	67	99
83D15	2005	1186	11	367145	5854860	6	20	0.2	1.9	340	2.0	<1	180	3	67	10	2.6	<2	7	4.24	104.0	0.48	<2	65	96
83D15	2005	1187	11	368430	5855523	6		<0.1	<0.5	470	5.0	<1	250	5	92	17	6.0	<4	10	4.52	160.0	1.10	<4	130	130
83D15	2005	1188	11	367289	5855689	6		0.2	7.3	570	5.5	<1	200	5	91	16	2.8	<2	13	4.32	127.0	0.68	<3	82	130
83D15	2005	1189	11	369003	5847892	6		0.1	1.8	390	4.3	<1	190	4	74	12	4.1	<2	10	3.77	118.0	0.77	<2	100	100
83D15	2005	1190	11	370154	5847813	6		<0.1	3.2	530	<0.5	<1	190	3	77	12	2.6	<2	10	3.88	115.0	0.40	<2	69	100
83D15	2005	1191	11	372969	5848838	6		<0.1	<0.5	190	<0.5	<1	150	2	34	9	2.1	<2	5	2.55	91.1	0.36	<1	55	52
83D15	2005	1192	11	371723	5850499	6		<0.1	1.1	300	17.0	<1	327	3	68	21	7.4	<4	6	3.72	187.0	1.00	<3	190	97
83D10	2005	1193	11	372358	5844223	6		<0.1	<0.5	430	10.0	<1	130	4	56	20	2.1	<2	9	3.23	87.8	0.50	<3	61	93
83D10	2005	1194	11	372715	5843632	6		<0.1	7.3	960	0.8	<1	180	6	130	19	2.4	<2	7	4.71	108.0	0.27	<2	69	190
83D10	2005	1196	11	365545	5839139	6		0.2	4.5	530	45.0	<1	313	4	78	86	4.5	<4	7	4.06	181.0	0.57	<3	140	94
83D10	2005	1197	11	366494	5837473	6		0.2	1.6	970	2.1	<1	200	4	110	17	2.9	<2	7	4.14	127.0	0.29	<3	77	180
83D10	2005	1198	11	370013	5835356	6		0.1	0.8	650	1.9	<1	130	4	83	18	2.1	<2	7	4.14	84.5	0.44	<2	56	140
83D10	2005	1199	11	369953	5834740	6		<0.1	0.7	600	1.6	<1	190	4	92	9	2.8	<2	8	4.17	108.0	0.55	<2	73	140
83D10	2005	1200	11	377673	5840816	6		<0.1	0.9	440	4.7	<1	200	4	70	25	3.3	<2	9	3.73	147.0	0.80	<3	96	130
83D10	2005	1202	11	377681	5841179	6	10	<0.1	<0.5	500	0.5	<1	130	4	69	13	2.0	<2	10	4.06	78.1	0.53	<3	49	130
83D10	2005	1203	11	377681	5841179	6	20	0.1	<0.5	510	<0.5	<1	120	4	70	13	1.8	<2	8	3.97	70.3	0.51	<3	48	120
83D10	2005	1204	11	380576	5839039	6		<0.1	<0.5	390	1.7	<1	130	5	72	4	1.9	<2	6	4.92	74.3	0.41	<2	49	120
83D10	2005	1205	11	380498	5838492	6		0.1	<0.5	480	5.4	<1	150	6	88	6	2.1	<2	10	5.72	86.0	0.52	<2	58	130
83D10	2005	1206	11	383077	5834832	6		<0.1	<0.5	480	<0.5	<1	160	5	72	18	2.6	<2	6	3.86	96.9	0.58	<2	68	110
83D10	2005	1207	11	382943	5834427	6		<0.1	0.8	400	<0.5	<1	160	3	58	13	2.3	<2	7	3.35	98.1	0.50	<2	63	100
83D10	2005	1209	11	393405	5834285	6		<0.1	1.7	350	<0.5	1	210	3	57	14	3.1	<2	16	3.47	127.0	0.72	<3	67	81
83D10	2005	1210	11	393743	5834169	6		0.3	22.0	160	2.3	<1	290	3	60	14	4.7	200	12	4.09	179.0	0.55	<4	110	63
83D10	2005	1211	11	392825	5831835	6		0.3	3.7	430	<0.5	<1	230	4	66	37	3.7	<2	15	4.06	173.0	0.75	<3	100	110
83D10	2005	1212	11	392029	5830505	6		<0.1	<0.5	600	6.0	<1	110	7	71	13	1.6	<2	12	3.91	64.8	0.49	<3	44	130
83D10	2005	1213	11	390482	5828215	6		<0.1	<0.5	570	0.6	<1	100	6	72	14	1.7	<2	9	4.05	61.5	0.39	<1	38	140
83D10	2005	1214	11	388604	5826023	6		0.2	3.0	320	2.9	<1	290	3	76	21	4.3	<2	12	4.98	179.0	0.74	<4	110	95
83D10	2005	1215	11	391286	5828537	6		0.3	1.3	490	1.1	<1	89	4	58	13	1.4	<2	9	3.40	53.8	0.43	<1	33	100
83D10	2005	1216	11	385322	5826044	6		<0.1	2.0	670	2.5	<1	358	4	96	16	5.1	<5	12	4.19	231.0	0.51	<4	120	130
83D10	2005	1217	11	387772	5827444	6		<0.1	0.7	520	14.0	<1	100	6	66	16	1.7	<2	7	3.46	64.4	0.34	<1	45	120
83D10	2005	1218	11	386018	5819741	6		<0.1	2.0	470	16.0	<1	414	4	76	36	5.9	<5	15	3.32	261.0	0.88	<5	160	93
83D10	2005	1219	11	386046	5818716	6		<0.1	1.1	630	2.5	2	260	4	130	28	3.6	<4	13	5.93	168.0	0.65	<5	97	130
83D10	2005	1220	11	385387	5819373	6		<0.1	0.9	720	8.3	<1	220	4	97	33	2.8	<2	9	3.59	134.0	0.34	<3	89	120
83D10	2005	1222	11	386614	5818884	6		<0.1	4.1	530	7.6	<1	230	4	75	58	3.2	<2	9	3.98	151.0	0.59	<4	100	120
83D07	2005	1223	11	387409	5815623	6		<0.1	<0.5	520	1.4	2	210	2	67	12	2.9	<2	26	3.94	125.0	0.80	<4	71	110

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
83D14	2005	1179	11	361195	5856244	6		20.3	13.9	0.69	2.3	1.9	26.8	3	7.1	4.3	84	11.92	300	6.56	0.03	113.0	7.32
83D14	2005	1180	11	358105	5853246	6		17.1	16.8	0.94	2.2	1.7	26.5	3	5.7	4.6	110	11.60	360	5.85	0.05	188.0	7.89
83D14	2005	1182	11	357579	5853244	6		13.3	12.5	1.00	2.6	0.9	23.5	2	5.4	3.5	76	14.93	420	4.91	0.04	120.0	7.58
83D14	2005	1183	11	362084	5848132	6		13.6	16.3	1.05	2.5	1.6	23.4	3	5.3	3.8	98	17.18	460	5.17	0.04	188.0	7.52
83D15	2005	1184	11	366395	5855023	6		12.4	14.7	0.81	1.3	1.2	20.0	2	4.7	3.2	67	12.60	400	6.38	0.03	87.5	6.69
83D15	2005	1185	11	367145	5854860	6	10	15.5	13.4	0.68	3.1	1.3	25.3	2	6.3	3.6	58	18.63	280	4.02	0.09	103.0	5.13
83D15	2005	1186	11	367145	5854860	6	20	14.6	13.0	0.66	2.8	1.3	24.4	3	6.0	3.5	59	19.49	250	3.66	0.09	103.0	5.05
83D15	2005	1187	11	368430	5855523	6		34.4	15.2	0.70	2.0	3.7	29.5	3	11.0	8.4	87	13.46	480	6.74	0.06	103.0	5.48
83D15	2005	1188	11	367289	5855689	6		16.6	14.8	0.78	1.9	1.9	28.8	3	7.9	4.6	91	11.48	450	6.17	0.03	62.5	6.89
83D15	2005	1189	11	369003	5847892	6		21.7	13.0	0.79	2.7	2.5	20.0	2	5.1	5.9	76	15.24	350	5.28	0.05	60.5	5.66
83D15	2005	1190	11	370154	5847813	6		14.4	13.0	0.94	2.5	1.4	27.2	2	5.3	2.7	67	17.36	250	2.74	0.04	65.3	6.48
83D15	2005	1191	11	372969	5848838	6		11.5	5.9	0.60	1.7	1.0	20.4	<1	4.2	2.6	<50	23.44	190	1.99	0.05	139.0	6.98
83D15	2005	1192	11	371723	5850499	6		42.7	11.0	0.60	2.2	4.8	19.0	3	7.5	8.4	65	12.06	530	16.21	0.08	60.5	5.17
83D10	2005	1193	11	372358	5844223	6		11.5	10.1	0.86	1.9	1.4	15.0	1	8.0	3.5	72	14.47	250	4.81	0.03	116.0	6.93
83D10	2005	1194	11	372715	5843632	6		14.2	17.8	0.94	1.4	1.2	26.5	2	5.3	1.9	96	13.11	420	4.94	0.03	64.1	6.96
83D10	2005	1196	11	365545	5839139	6		25.1	13.2	0.75	1.7	2.6	20.7	<1	5.9	3.9	95	8.04	510	21.17	0.03	26.0	5.78
83D10	2005	1197	11	366494	5837473	6		15.8	15.6	1.10	1.9	1.4	31.0	<1	6.2	2.2	<50	13.50	690	4.79	0.03	36.3	5.73
83D10	2005	1198	11	370013	5835356	6		11.2	14.9	1.00	1.5	1.5	18.0	2	6.1	3.2	93	14.74	280	5.30	0.03	56.9	6.91
83D10	2005	1199	11	369953	5834740	6		16.4	16.0	0.91	2.8	1.5	27.5	4	6.1	3.9	61	15.55	400	4.52	0.06	50.8	5.39
83D10	2005	1200	11	377673	5840816	6		18.4	11.9	0.94	1.1	2.4	17.0	2	6.3	5.8	93	17.10	240	4.67	0.04	66.6	6.73
83D10	2005	1202	11	377681	5841179	6	10	11.0	13.3	1.01	1.9	1.3	19.0	2	5.9	3.7	81	17.88	540	3.62	0.03	84.7	6.89
83D10	2005	1203	11	377681	5841179	6	20	10.0	13.1	1.03	2.1	1.4	17.0	3	5.2	3.5	84	16.68	510	3.58	0.04	84.7	6.82
83D10	2005	1204	11	380576	5839039	6		10.8	15.7	0.58	3.0	0.9	25.8	2	4.2	2.9	63	16.85	400	4.31	0.06	65.3	4.91
83D10	2005	1205	11	380498	5838492	6		12.6	17.7	0.70	3.4	1.0	28.3	2	5.3	3.3	80	15.67	450	5.37	0.06	104.0	5.02
83D10	2005	1206	11	383077	5834832	6		13.3	12.9	0.85	0.8	1.8	15.0	2	3.8	4.5	92	17.62	480	3.65	0.06	85.9	6.72
83D10	2005	1207	11	382943	5834427	6		13.0	10.6	0.58	1.5	1.6	23.5	1	4.7	3.7	63	17.78	360	2.27	0.07	133.0	6.99
83D10	2005	1209	11	393405	5834285	6		16.4	10.0	1.04	2.1	1.8	32.5	1	7.1	5.1	58	22.14	360	2.27	0.04	133.0	7.72
83D10	2005	1210	11	393743	5834169	6		25.9	10.2	0.63	2.3	2.3	35.5	2	9.4	4.0	60	21.56	170	3.85	0.07	145.0	6.87
83D10	2005	1211	11	392825	5831835	6		20.8	11.1	1.00	3.9	2.6	24.9	2	7.6	5.7	100	19.32	360	3.02	0.02	303.0	7.78
83D10	2005	1212	11	392029	5830505	6		8.7	13.0	1.00	2.5	1.0	18.0	2	6.2	3.4	75	14.44	480	5.61	0.03	83.5	7.50
83D10	2005	1213	11	390482	5828215	6		8.2	13.2	0.57	1.5	0.8	16.0	<1	4.2	2.6	76	15.81	320	3.33	0.04	35.1	7.21
83D10	2005	1214	11	388604	5826023	6		24.1	13.4	0.79	4.5	2.4	32.9	1	7.0	5.5	59	17.71	400	4.05	0.03	53.2	7.40
83D10	2005	1215	11	391286	5828537	6		7.3	10.4	1.02	0.7	0.9	15.0	2	4.9	3.0	66	20.15	330	3.77	0.05	163.0	6.44
83D10	2005	1216	11	385322	5826044	6		29.4	14.4	1.03	2.6	2.7	54.0	2	10.0	3.9	65	16.02	250	4.55	0.05	70.2	7.10
83D10	2005	1217	11	387772	5827444	6		8.8	11.7	0.89	1.0	1.1	16.0	2	6.1	2.5	76	13.49	320	9.93	0.04	65.3	7.02
83D10	2005	1218	11	386018	5819741	6		34.5	12.1	1.26	2.4	4.2	46.4	<1	11.0	6.9	75	13.42	250	9.87	0.03	42.4	6.42
83D10	2005	1219	11	386046	5818716	6		21.2	16.5	1.00	7.7	2.1	40.6	7	11.0	4.7	100	13.44	250	5.15	0.02	75.0	7.46
83D10	2005	1220	11	385387	5819373	6		16.4	11.6	1.03	2.0	1.9	22.4	2	4.8	2.6	100	11.31	240	7.48	0.03	46.0	6.89
83D10	2005	1222	11	386614	5818884	6		19.2	12.6	1.00	2.4	2.1	26.6	2	6.1	4.2	100	12.52	150	7.02	0.03	43.6	6.86
83D07	2005	1223	11	387409	5815623	6		17.6	17.6	1.89	4.4	2.1	30.2	<1	9.3	5.8	75	19.81	180	2.99	0.04	88.3	7.23

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
83D07	2005	1224	11	387100	5815989	6		<0.1	<0.5	800	1.4	3	220	3	93	22	3.8	<2	18	4.96	121.0	0.66	<4	72	160
83D07	2005	1225	11	392234	5816847	6		<0.1	1.7	790	2.2	<1	220	3	88	14	2.7	<2	17	4.58	132.0	0.47	<3	80	130
83D10	2005	1226	11	394098	5819145	6		0.2	7.4	330	1.1	<1	250	3	65	15	3.3	<2	12	3.70	159.0	0.58	<3	92	85
83D10	2005	1227	11	394261	5819798	6		0.2	1.5	490	22.0	<1	170	6	79	5	4.9	<2	4	4.07	71.4	1.10	<4	110	150
83D10	2005	1228	11	394057	5820046	6	10	0.3	1.3	520	<0.5	<1	95	4	60	13	1.5	<2	17	3.91	55.4	0.65	<1	34	110
83D10	2005	1229	11	394057	5820046	6	20	0.3	1.2	670	<0.5	<1	74	5	76	13	1.2	<2	10	3.98	43.0	0.51	<1	28	150
83D08	2005	1230	11	403888	5813618	6		0.2	8.3	680	6.1	<1	200	5	80	17	2.9	<2	12	4.13	118.0	0.54	<4	79	140
83D08	2005	1231	11	403463	5814249	6		0.1	7.0	790	5.7	<1	160	5	86	16	2.1	<2	11	4.18	91.6	0.48	<2	58	160
83D08	2005	1232	11	402926	5816777	6		0.2	6.7	320	2.0	<1	313	4	63	17	4.3	42	24	3.95	201.0	0.85	<3	120	77
83D09	2005	1234	11	400591	5819739	6		0.4	18.0	300	6.4	<1	300	3	64	27	3.8	<4	22	3.45	186.0	0.64	<3	120	79
83D09	2005	1235	11	399943	5820274	6		<0.1	4.3	310	1.7	<1	220	4	50	12	2.7	<2	10	3.94	126.0	0.44	<2	79	78
83D09	2005	1236	11	399819	5820025	6		0.4	9.3	300	3.0	<1	389	4	79	19	5.9	<5	11	4.49	261.0	0.89	<4	160	81
83D09	2005	1237	11	405310	5817805	6		0.2	14.0	830	2.5	<1	170	5	79	18	2.2	<2	9	4.20	98.3	0.47	<3	62	180
83D09	2005	1238	11	405324	5817954	6		0.3	13.0	610	4.9	<1	200	5	72	16	3.0	<2	10	3.45	143.0	0.48	<3	89	140
83D07	2005	1239	11	397683	5812613	6		0.3	4.2	420	<0.5	1	180	3	69	13	2.3	22	13	4.44	107.0	0.60	<2	65	79
83D08	2005	1240	11	402864	5805514	6		<0.1	2.2	530	5.6	<1	160	4	67	11	2.3	<2	14	3.78	95.4	0.49	<3	61	110
83D08	2005	1242	11	406504	5807748	6		0.1	6.7	540	6.0	<1	200	4	70	14	2.9	<2	20	3.62	119.0	0.69	<3	74	110
83D08	2005	1243	11	401912	5803044	6		<0.1	1.2	610	1.2	1	190	2	70	14	2.5	<2	30	3.34	104.0	0.67	<2	63	110
83D08	2005	1244	11	402146	5803083	6		<0.1	3.0	580	2.2	1	210	3	82	16	3.1	<2	24	6.19	125.0	0.72	<3	75	120
83D08	2005	1245	11	408462	5808670	6	10	0.3	12.0	460	2.2	<1	240	3	67	13	3.3	<2	20	3.47	144.0	0.67	<3	86	88
83D08	2005	1246	11	408462	5808670	6	20	0.2	14.0	540	3.3	<1	220	3	76	16	3.1	<2	17	4.07	130.0	0.69	<3	83	96
83D08	2005	1247	11	410582	5811036	6		0.2	16.0	470	<0.5	<1	328	3	80	15	4.5	<4	27	3.96	206.0	0.84	<3	120	94
83D07	2005	1248	11	385308	5808325	6		<0.1	2.5	300	5.8	4	417	1	76	12	5.6	<7	87	5.25	270.0	2.40	<5	140	62
83D07	2005	1249	11	386713	5806231	6		<0.1	3.7	450	6.4	3	180	2	56	13	2.9	<2	18	4.47	105.0	0.92	<3	76	92
83D07	2005	1250	11	391957	5799472	6		0.2	6.7	570	9.2	2	180	4	81	16	2.9	<2	13	4.70	105.0	0.62	<3	72	110
83D07	2005	1251	11	395073	5794519	6		<0.1	2.5	390	<0.5	3	81	<1	36	6	1.2	<2	12	1.64	41.0	0.37	<1	31	58
83D07	2005	1252	11	396513	5797608	6		0.1	3.2	400	<0.5	4	130	<1	44	8	1.8	<2	21	2.01	65.3	0.56	<1	45	62
83D07	2005	1253	11	396914	5797325	1		0.2	6.6	680	2.1	2	140	3	90	24	2.1	<2	14	3.80	71.2	0.45	<2	51	140
83D08	2005	1254	11	397629	5791673	6		<0.1	2.1	390	0.7	4	130	2	53	9	1.7	<2	15	2.49	69.4	0.44	<3	48	76
83D08	2005	1255	11	399655	5793092	6		<0.1	1.9	320	11.0	7	120	3	130	25	1.7	<2	7	4.37	64.5	0.26	<2	42	63
83D08	2005	1256	11	402355	5794791	6		0.1	2.8	700	0.9	<1	81	1	58	9	1.2	<2	9	1.89	41.0	0.31	<1	30	110
83D08	2005	1258	11	404420	5795664	6		<0.1	0.7	520	1.4	1	180	2	80	13	2.6	<2	20	3.23	97.0	0.68	<3	63	110
83D08	2005	1259	11	404073	5796129	6		<0.1	<0.5	510	<0.5	<1	71	<1	41	6	1.0	<2	9	1.49	37.0	0.26	<1	27	91
83D08	2005	1260	11	408049	5798091	6		0.1	5.5	630	1.3	<1	190	3	72	14	2.5	<2	16	3.89	108.0	0.62	<3	71	120
83D08	2005	1262	11	408079	5798246	6	10	0.2	8.0	530	1.6	<1	200	3	71	14	2.8	<2	18	3.83	117.0	0.70	<2	75	99
83D08	2005	1263	11	408079	5798246	6	20	0.2	7.9	440	1.4	<1	220	3	68	13	3.0	<2	20	3.66	128.0	0.75	<2	81	90
83D08	2005	1264	11	409128	5790939	6		<0.1	2.4	600	2.9	<1	230	3	83	16	3.3	<2	25	4.78	132.0	0.75	<3	85	120
83D08	2005	1265	11	409238	5791157	6		<0.1	6.9	220	<0.5	<1	280	1	53	13	3.9	<2	36	3.01	168.0	1.40	<4	99	53
83D08	2005	1266	11	408774	5791209	6		<0.1	1.2	310	4.0	9	71	2	44	10	1.2	<2	4	2.36	49.0	0.28	<2	36	72
83D01	2005	1267	11	405544	5787445	6		<0.1	0.9	180	2.5	16	59	2	62	11	1.0	<2	2	2.22	36.0	0.11	<1	23	41

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
83D07	2005	1224	11	387100	5815989	6		18.3	22.3	1.80	2.9	1.9	31.8	3	11.0	5.0	96	17.58	240	3.40	0.03	69.0	7.45
83D07	2005	1225	11	392234	5816847	6		16.8	13.3	1.05	3.3	1.5	33.2	2	6.7	3.2	90	13.95	180	3.28	0.03	72.6	7.21
83D10	2005	1226	11	394098	5819145	6		19.5	10.0	0.79	2.0	1.8	31.8	2	5.8	4.3	77	21.11	180	3.37	0.04	133.0	7.32
83D10	2005	1227	11	394261	5819798	6		28.1	16.9	0.82	1.4	3.0	17.0	2	13.0	8.2	74	9.06	240	15.67	0.10	121.0	4.91
83D10	2005	1228	11	394057	5820046	6	10	7.8	10.8	1.17	2.9	1.2	16.0	2	5.9	4.4	69	21.19	210	2.46	0.04	75.0	7.02
83D10	2005	1229	11	394057	5820046	6	20	6.1	13.7	1.21	1.8	0.9	14.0	2	4.9	3.5	88	18.84	210	7.35	0.03	75.8	7.13
83D08	2005	1230	11	403888	5813618	6		15.4	12.4	0.95	1.8	1.5	27.2	2	10.0	3.8	98	14.80	240	5.46	0.03	89.5	7.18
83D08	2005	1231	11	403463	5814249	6		12.0	13.7	0.93	1.2	1.3	23.5	2	7.7	3.5	110	12.18	180	5.72	0.02	102.0	7.24
83D08	2005	1232	11	402926	5816777	6		25.1	10.1	0.78	3.0	2.4	34.0	2	8.5	6.2	65	18.59	180	3.30	0.04	55.7	6.96
83D09	2005	1234	11	400591	5819739	6		22.9	10.9	0.75	0.9	2.1	32.7	<1	10.0	4.5	70	12.67	240	4.63	0.02	50.8	7.41
83D09	2005	1235	11	399943	5820274	6		15.8	8.2	0.80	1.8	1.6	23.6	1	5.6	3.3	64	19.90	200	3.55	0.03	62.9	7.14
83D09	2005	1236	11	399819	5820025	6		36.0	12.8	0.71	2.8	3.5	37.1	4	6.4	6.9	59	17.49	230	4.01	0.04	48.0	6.21
83D09	2005	1237	11	405310	5817805	6		12.5	14.4	0.76	1.0	1.3	27.0	2	10.0	3.3	91	10.73	360	5.13	0.02	145.0	7.43
83D09	2005	1238	11	405324	5817954	6		17.2	12.2	0.86	1.1	1.5	26.8	2	11.0	3.5	92	12.56	300	5.29	0.03	73.0	7.04
83D07	2005	1239	11	397683	5812613	6		14.0	9.5	1.28	2.3	1.3	28.3	1	5.5	4.2	66	20.56	230	2.87	0.02	63.0	7.13
83D08	2005	1240	11	402864	5805514	6		12.3	10.2	1.11	2.1	1.2	23.8	<1	7.7	3.3	69	15.18	280	5.72	0.02	109.0	7.79
83D08	2005	1242	11	406504	5807748	6		15.3	10.5	1.05	1.8	1.6	25.3	<1	8.5	4.8	73	14.21	240	5.00	0.03	99.0	7.20
83D08	2005	1243	11	401912	5803044	6		13.9	10.5	0.41	2.2	1.5	31.1	1	6.2	4.5	<50	17.01	230	3.19	0.03	182.0	7.97
83D08	2005	1244	11	402146	5803083	6		16.0	13.6	0.84	5.3	1.5	30.8	3	7.4	4.8	74	16.46	280	2.87	0.02	97.0	7.16
83D08	2005	1245	11	408462	5808670	6	10	18.2	10.0	1.02	1.7	1.6	26.6	1	6.6	4.7	79	19.05	260	3.68	0.02	70.0	7.26
83D08	2005	1246	11	408462	5808670	6	20	17.2	11.2	1.00	1.5	1.9	27.1	3	7.4	4.8	73	15.49	200	4.72	0.02	68.0	7.26
83D08	2005	1247	11	410582	5811036	6		25.3	11.0	1.08	1.6	2.3	32.9	4	7.5	6.0	76	21.38	230	3.20	0.02	77.0	7.13
83D07	2005	1248	11	385308	5808325	6		33.0	20.2	1.84	13.0	4.6	38.1	5	8.7	17.0	98	24.08	420	3.26	0.42	133.0	7.70
83D07	2005	1249	11	386713	5806231	6		15.5	13.8	2.01	4.7	2.1	17.0	2	6.0	6.2	89	16.16	750	6.31	1.72	139.0	7.29
83D07	2005	1250	11	391957	5799472	6		15.0	19.3	0.93	2.5	1.7	26.0	<1	5.6	4.2	82	12.08	520	10.94	0.06	44.7	6.94
83D07	2005	1251	11	395073	5794519	6		6.3	5.7	0.24	0.9	0.7	13.0	<1	2.5	2.4	<50	21.29	210	7.21	0.03	96.8	7.53
83D07	2005	1252	11	396513	5797608	6		10.0	6.8	0.23	1.2	1.2	20.0	2	3.9	3.6	<50	22.14	240	8.12	0.03	224.0	8.02
83D07	2005	1253	11	396914	5797325	1		10.5	12.5	0.51	1.3	1.1	24.5	2	4.1	3.1	<50	11.35	600	6.12	ns	ns	ns
83D08	2005	1254	11	397629	5791673	6		9.3	7.8	0.50	1.4	1.0	19.0	<1	4.0	2.8	<50	19.05	200	7.86	0.03	206.0	8.00
83D08	2005	1255	11	399655	5793092	6		8.8	12.6	0.56	1.9	1.0	18.0	1	3.7	2.1	68	14.72	540	17.28	0.02	206.0	8.04
83D08	2005	1256	11	402355	5794791	6		5.9	8.2	0.24	0.8	0.6	13.0	<1	2.4	2.0	<50	15.22	280	4.20	0.02	90.8	7.68
83D08	2005	1258	11	404420	5795664	6		13.3	11.4	0.43	1.7	1.7	29.1	1	6.3	4.6	<50	16.36	180	6.41	0.02	133.0	7.86
83D08	2005	1259	11	404073	5796129	6		5.2	6.0	0.26	0.9	0.7	13.0	<1	2.3	1.7	<50	19.80	90	2.98	0.02	85.7	7.19
83D08	2005	1260	11	408049	5798091	6		14.1	11.2	1.00	1.9	1.7	26.6	1	6.8	4.4	73	14.41	250	3.39	0.02	58.1	7.42
83D08	2005	1262	11	408079	5798246	6	10	15.3	10.5	1.00	1.3	1.5	25.2	1	5.9	4.8	75	16.25	240	3.84	0.02	46.0	7.27
83D08	2005	1263	11	408079	5798246	6	20	16.6	10.0	1.00	1.2	1.7	26.3	<1	6.5	5.1	64	19.30	230	3.66	0.02	46.0	7.32
83D08	2005	1264	11	409128	5790939	6		17.3	12.8	0.89	2.8	1.8	28.2	2	6.3	4.9	97	13.63	270	4.74	0.02	58.1	6.92
83D08	2005	1265	11	409238	5791157	6		21.7	7.6	1.09	3.0	2.8	37.5	2	12.0	10.0	<50	21.37	240	1.92	0.02	62.9	7.18
83D08	2005	1266	11	408774	5791209	6		6.4	7.6	0.39	0.6	0.8	10.0	<1	3.4	2.0	<50	14.24	60	29.42	0.02	70.2	7.27
83D01	2005	1267	11	405544	5787445	6		4.2	7.8	0.37	1.7	<0.5	10.0	1	1.6	0.8	<50	22.08	120	24.88	0.02	169.0	8.05

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
83D01	2005	1268	11	407362	5788063	6		0.2	12.0	560	12.0	4	75	4	100	21	1.3	<2	3	4.36	44.0	0.24	<1	30	140
83D01	2005	1269	11	404039	5787695	6		1.2	3.4	120	0.6	19	35	1	41	7	0.5	<2	1	1.47	22.0	0.07	<1	14	34
83D01	2005	1270	11	402463	5787638	6		0.1	1.8	420	7.7	4	140	5	100	18	2.2	<2	9	4.12	84.4	0.28	<2	55	98
83D08	2005	1271	11	429740	5800691	6		0.3	2.2	130	1.4	18	36	1	23	5	0.5	<2	2	1.38	21.0	0.12	<1	14	44
83D07	2005	1272	11	376928	5808916	6		<0.1	1.2	480	8.0	4	200	2	77	19	3.7	<2	23	4.80	107.0	0.85	<3	79	75
83D08	2005	1274	11	427059	5800086	6		<0.1	1.5	190	1.9	18	37	1	23	5	0.6	<2	2	1.42	20.0	0.13	<1	15	37
83D08	2005	1275	11	425351	5798081	6		0.1	2.6	210	5.8	11	49	2	46	9	0.7	<2	6	2.66	27.0	0.20	<1	20	49
83D08	2005	1276	11	423985	5790487	6		0.3	1.9	700	2.7	<1	130	3	54	8	1.7	<2	16	2.22	65.5	0.43	<3	46	120
83D08	2005	1277	11	423967	5790652	6		<0.1	3.0	210	0.6	18	51	1	41	10	0.8	<2	6	2.35	25.0	0.25	<1	22	51
83D07	2005	1278	11	390340	5808493	1		<0.1	<1.2	500	11.0	4	220	3	97	26	3.6	<5	22	6.73	113.0	1.10	<4	120	100
83D08	2005	1279	11	409412	5806646	6		<0.1	4.0	650	3.6	<1	260	4	84	15	3.1	<2	20	4.02	132.0	0.85	<5	120	120
83D08	2005	1280	11	410864	5805275	6		0.2	12.0	480	2.2	<1	389	4	88	14	4.1	235	29	4.09	196.0	1.10	<5	160	120
83D08	2005	1282	11	410698	5805140	6		0.3	13.0	530	1.0	<1	280	4	90	18	3.2	12	24	4.71	140.0	1.00	<4	120	120
83D08	2005	1283	11	410533	5804974	6	10	0.2	10.0	540	1.2	<1	341	4	89	16	3.5	7	29	4.40	173.0	1.10	<4	150	110
83D08	2005	1284	11	410533	5804974	6	20	0.2	9.2	570	2.0	<1	316	4	86	15	3.4	70	24	4.19	160.0	1.00	<4	140	110
83D01	2005	1285	11	406594	5781839	6		<0.1	2.3	400	21.0	13	53	3	65	16	0.6	<2	2	2.83	29.0	0.16	<2	24	69
83D01	2005	1286	11	415487	5778306	6		<0.1	0.9	590	0.9	<1	190	2	140	17	2.4	<2	19	4.07	89.9	0.79	<3	80	110
83D01	2005	1287	11	412553	5778081	6		0.2	4.3	590	4.2	1	180	2	88	13	2.2	<2	22	3.29	80.0	0.62	<3	72	87
83D01	2005	1288	11	417989	5779755	6		<0.1	2.0	540	<0.5	<1	180	3	70	14	2.0	<2	16	4.16	91.9	0.62	<3	79	110
83D01	2005	1289	11	419252	5781219	6		<0.1	6.3	440	2.7	<1	230	3	59	13	2.6	<2	17	3.51	120.0	0.68	<3	100	89
83D08	2005	1291	11	426128	5795443	6		0.1	3.7	240	2.1	15	58	3	72	13	0.7	<2	3	2.83	32.0	0.17	<2	27	78
83D08	2005	1292	11	423393	5794600	6		0.4	6.3	390	5.9	2	170	3	45	8	1.7	<2	22	2.70	79.6	0.64	<3	67	58
83D08	2005	1293	11	419467	5795804	6		0.2	14.0	520	2.0	<1	260	4	87	18	2.8	<2	21	4.54	129.0	0.89	<4	110	100
83D08	2005	1294	11	417033	5798071	6		0.3	24.0	510	<0.5	<1	280	4	100	24	3.0	7	18	5.16	144.0	0.86	<4	120	120
83D08	2005	1295	11	417062	5798373	6		0.6	38.0	650	1.9	<1	389	5	98	25	4.1	13	30	5.47	200.0	1.00	<5	170	130
83D08	2005	1296	11	410586	5813900	6		0.3	3.3	500	3.9	<1	220	3	63	9	2.2	<2	26	2.97	104.0	0.82	<4	93	100
83D08	2005	1297	11	410305	5813669	6		0.2	9.1	580	6.2	<1	200	4	59	12	2.0	<2	19	3.13	102.0	0.67	<4	91	110
83D08	2005	1298	11	410784	5812014	6		<0.2	9.3	610	12.0	<1	210	7	74	16	2.6	<5	15	3.67	112.0	0.58	<5	100	110
83D01	2005	1299	11	411087	5782175	6		<0.1	5.2	360	17.0	1	160	1	52	11	1.8	<2	23	3.20	71.1	0.67	<3	68	56
83D01	2005	1300	11	410913	5782491	6		0.2	3.6	450	2.5	2	120	2	53	12	1.5	4	13	2.77	56.4	0.45	<2	52	83
83D01	2005	1302	11	413273	5783462	6		<0.1	1.1	800	2.1	<1	92	2	98	8	1.1	<2	12	2.36	42.0	0.35	<2	36	130
83D01	2005	1303	11	413232	5784043	6		<0.1	<0.5	690	1.1	<1	200	<1	55	7	2.4	<2	31	1.54	90.2	0.70	<3	78	85
83D01	2005	1304	11	413645	5783838	6		<0.1	2.0	560	12.0	<1	150	3	71	12	1.7	<2	15	3.33	83.3	0.59	<4	69	110
83D02	2005	1305	11	396036	5789886	6		0.3	2.2	550	5.2	<1	280	6	98	18	3.0	6	12	3.92	134.0	0.59	<4	120	110
83D02	2005	1306	11	396922	5789135	6		<0.1	2.0	710	8.7	<1	200	5	110	17	2.5	<4	9	4.37	117.0	0.48	<4	100	110
83D07	2005	1307	11	391248	5791221	6		<0.2	1.5	500	4.6	1	374	5	93	15	3.9	<5	20	4.36	191.0	0.87	<5	150	110
83D07	2005	1308	11	389189	5790548	6	10	<0.1	1.3	380	<0.5	3	260	3	140	16	2.5	<2	11	3.13	145.0	1.20	<4	99	60
83D07	2005	1309	11	389189	5790548	6	20	<0.1	<1.1	400	<0.5	2	270	3	140	15	2.6	<2	10	3.17	152.0	1.20	<4	97	64
83D02	2005	1311	11	388913	5787648	6		0.7	2.6	380	5.7	1	150	3	39	14	1.8	<2	7	2.54	70.7	0.70	<3	67	61
83D02	2005	1312	11	388947	5786598	6		1.0	7.8	400	6.8	1	210	3	40	8	2.8	<2	10	2.86	95.1	1.20	<4	92	66

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
83D01	2005	1268	11	407362	5788063	6		5.9	13.2	0.48	1.1	0.6	17.0	2	2.5	1.5	63	12.72	420	16.04	0.02	84.7	7.53
83D01	2005	1269	11	404039	5787695	6		2.4	4.6	0.25	0.7	<0.5	6.0	<1	1.0	0.5	73	22.66	50	32.02	0.02	182.0	8.02
83D01	2005	1270	11	402463	5787638	6		10.8	14.5	0.74	2.2	1.2	22.8	2	4.4	2.2	90	17.13	280	10.32	0.03	230.0	7.76
83D08	2005	1271	11	429740	5800691	6		2.7	4.2	0.19	<0.5	<0.5	6.3	<1	1.0	0.8	<50	21.35	390	31.64	0.03	121.0	8.01
83D07	2005	1272	11	376928	5808916	6		17.6	25.3	1.23	3.7	1.9	24.8	2	6.5	5.8	65	17.15	370	6.99	0.05	62.9	7.60
83D08	2005	1274	11	427059	5800086	6		2.8	3.8	0.26	<0.5	<0.5	6.0	<1	1.0	0.9	<50	22.02	280	31.55	0.06	212.0	8.15
83D08	2005	1275	11	425351	5798081	6		3.6	6.9	0.27	<0.5	<0.5	8.4	<1	1.5	1.4	<50	16.98	280	26.61	0.04	133.0	8.00
83D08	2005	1276	11	423985	5790487	6		9.2	7.2	0.43	1.3	1.0	20.3	<1	5.8	2.9	<50	13.28	220	3.02	0.02	36.3	7.10
83D08	2005	1277	11	423967	5790652	6		3.9	7.3	0.17	0.5	0.6	8.8	<1	1.5	1.5	<50	16.79	330	27.32	0.08	182.0	7.80
83D07	2005	1278	11	390340	5808493	1		19.8	23.1	1.23	4.5	2.4	14.0	<2	6.6	6.5	120	11.34	1200	17.57	ns	ns	ns
83D08	2005	1279	11	409412	5806646	6		17.7	11.9	1.03	1.6	1.4	27.2	4	9.0	5.1	<50	14.40	270	3.18	0.03	96.8	7.63
83D08	2005	1280	11	410864	5805275	6		25.9	12.1	1.03	2.1	2.7	36.2	3	8.9	7.0	<50	16.14	340	3.72	0.02	52.0	6.93
83D08	2005	1282	11	410698	5805140	6		19.2	12.8	0.89	2.1	2.1	31.5	<1	8.4	6.3	55	19.65	330	3.74	0.02	97.0	7.29
83D08	2005	1283	11	410533	5804974	6	10	23.1	12.5	0.85	1.0	2.3	34.0	2	10.0	6.9	<50	18.34	300	3.35	0.02	116.0	7.23
83D08	2005	1284	11	410533	5804974	6	20	21.4	12.2	0.85	1.4	2.2	32.1	2	9.0	6.2	75	18.43	280	3.38	0.02	116.0	7.06
83D01	2005	1285	11	406594	5781839	6		3.7	7.7	0.35	0.5	<0.5	8.1	<1	1.5	1.0	51	10.48	700	31.09	0.02	254.0	8.08
83D01	2005	1286	11	415487	5778306	6		12.9	11.9	0.56	2.6	1.7	25.3	<1	5.6	4.6	<50	17.73	250	4.08	0.03	272.0	8.07
83D01	2005	1287	11	412553	5778081	6		11.8	9.3	0.77	1.5	1.2	22.7	<1	5.2	3.6	<50	18.48	320	4.52	0.05	145.0	7.83
83D01	2005	1288	11	417989	5779755	6		12.2	10.3	1.01	1.9	1.3	21.4	3	5.5	3.6	54	17.63	320	3.69	0.03	92.0	7.57
83D01	2005	1289	11	419252	5781219	6		15.6	8.7	1.14	2.9	1.7	26.8	3	6.9	4.0	<50	17.51	240	4.15	0.03	81.2	7.53
83D08	2005	1291	11	426128	5795443	6		3.3	8.9	0.34	<0.5	<0.5	10.0	<1	1.9	1.0	55	12.26	720	24.35	0.14	206.0	8.01
83D08	2005	1292	11	423393	5794600	6		11.1	6.6	0.65	1.0	1.1	20.2	<1	5.6	3.9	<50	14.21	330	8.94	0.03	54.5	7.43
83D08	2005	1293	11	419467	5795804	6		17.5	11.9	0.84	1.5	1.9	28.8	<2	7.9	5.7	68	17.54	280	4.11	0.02	87.1	7.24
83D08	2005	1294	11	417033	5798071	6		19.2	13.8	0.79	1.1	1.8	28.9	<2	6.0	5.2	62	19.13	360	3.92	0.02	133.0	7.47
83D08	2005	1295	11	417062	5798373	6		25.9	14.0	1.00	1.3	2.8	34.4	<3	9.3	6.4	<50	18.38	390	4.44	0.02	43.6	6.77
83D08	2005	1296	11	410586	5813900	6		14.9	9.0	0.80	1.8	1.6	25.8	<1	8.5	5.0	<50	16.29	360	4.33	0.02	60.5	7.20
83D08	2005	1297	11	410305	5813669	6		13.6	8.8	1.00	1.8	1.3	24.9	3	8.3	3.9	54	15.26	280	4.64	0.02	42.4	6.90
83D08	2005	1298	11	410784	5812014	6		15.0	11.6	1.00	0.7	1.5	22.8	<3	14.0	3.7	67	11.51	660	9.79	0.02	103.0	7.11
83D01	2005	1299	11	411087	5782175	6		10.9	7.3	0.61	1.5	1.5	20.0	<1	4.6	3.8	<50	18.66	360	6.17	0.02	169.0	7.42
83D01	2005	1300	11	410913	5782491	6		8.2	7.7	0.41	1.3	0.9	15.0	<1	2.7	2.7	<50	16.64	330	5.19	0.02	96.8	7.60
83D01	2005	1302	11	413273	5783462	6		5.9	7.5	0.25	1.6	0.6	15.0	<1	3.5	2.1	<50	15.34	210	4.07	<0.02	94.4	7.66
83D01	2005	1303	11	413232	5784043	6		12.4	4.5	0.15	1.1	1.4	29.3	<1	5.4	4.0	<50	20.94	80	2.72	<0.02	32.7	7.36
83D01	2005	1304	11	413645	5783838	6		11.3	10.8	0.75	2.3	1.0	20.0	<2	9.0	3.5	<50	11.06	340	8.81	<0.02	65.3	7.06
83D02	2005	1305	11	396036	5789886	6		19.7	12.7	0.85	2.1	2.2	40.3	4	8.5	3.5	59	14.12	620	5.92	0.02	50.8	6.79
83D02	2005	1306	11	396922	5789135	6		16.5	14.1	0.83	3.2	1.6	30.3	5	8.9	2.8	66	11.93	780	11.28	0.03	98.0	7.18
83D07	2005	1307	11	391248	5791221	6		26.7	12.9	0.88	3.0	2.7	55.6	3	12.0	5.2	<50	14.31	480	6.54	0.04	70.2	7.28
83D07	2005	1308	11	389189	5790548	6	10	16.3	14.7	1.94	1.0	2.1	27.4	<2	10.0	7.4	<50	24.73	180	0.84	0.03	60.5	7.01
83D07	2005	1309	11	389189	5790548	6	20	16.5	15.1	1.98	1.2	2.4	27.6	<2	8.8	7.8	<50	25.05	180	0.79	0.03	62.9	6.95
83D02	2005	1311	11	388913	5787648	6		12.0	7.3	0.89	1.2	1.5	20.2	<1	5.8	4.2	<50	17.71	280	6.07	0.02	96.8	7.47
83D02	2005	1312	11	388947	5786598	6		17.0	7.1	1.53	1.5	2.5	28.8	<2	8.5	7.2	<50	15.07	340	4.92	0.02	70.2	6.62

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
83D02	2005	1313	11	387867	5785008	6		0.3	<1.1	760	2.9	2	170	6	97	16	2.4	<2	12	4.05	77.7	0.75	<4	75	100
83D02	2005	1314	11	386590	5783151	6		<0.1	<1.2	470	<0.5	2	270	5	170	16	2.6	<4	13	3.32	145.0	1.30	<8	100	99
83D02	2005	1315	11	386792	5783126	6		0.3	4.4	720	10.0	2	270	9	79	22	3.0	<5	9	4.66	129.0	1.30	<6	110	100
83D02	2005	1316	11	395127	5785516	6		<0.1	<1.1	430	4.8	<1	160	3	75	8	1.8	<2	11	3.19	82.8	0.53	<3	72	79
83D02	2005	1317	11	395038	5785206	6		0.6	5.8	480	2.8	1	150	4	47	12	1.7	<2	8	2.94	70.9	0.69	<3	68	77
83D02	2005	1318	11	397423	5785094	6		0.2	1.6	670	1.0	<1	110	4	85	12	1.3	<2	8	2.87	51.8	0.44	<3	47	120
83D07	2005	1319	11	372925	5808969	6		<0.1	<1.5	510	<1.2	2	329	4	98	17	3.5	<5	19	5.02	159.0	1.10	<5	140	100
83D07	2005	1320	11	373022	5809072	6		<0.8	<9.1	700	37.0	<4	260	<4	95	17	4.9	<23	15	4.95	126.0	0.76	<21	140	210
83D07	2005	1322	11	373959	5804076	6		0.5	<1.7	540	1.2	2	300	4	110	19	3.2	<5	15	4.72	150.0	0.86	<6	130	97
83D07	2005	1323	11	373985	5803901	6		<0.1	<1.8	280	1.6	3	572	2	110	23	5.7	<6	27	5.38	285.0	1.50	<8	240	60
83D07	2005	1324	11	378133	5802694	6		<0.1	<1.6	300	<1.2	2	519	4	85	34	5.4	<6	25	6.11	252.0	2.80	<8	220	82
83D07	2005	1325	11	376964	5803408	6		<0.1	<1.8	340	15.0	2	533	4	97	12	5.4	<6	20	3.96	266.0	0.90	<7	230	54
83D07	2005	1326	11	378878	5802705	6	10	0.3	<1.5	570	1.7	2	351	5	89	19	4.1	<5	24	5.47	176.0	1.50	<5	160	96
83D07	2005	1327	11	378878	5802705	6	20	<0.1	<1.4	640	<1.1	2	321	6	86	17	3.6	<5	19	5.39	160.0	1.40	<5	140	90
83D07	2005	1328	11	387069	5803246	6		<0.1	<1.3	470	8.0	<1	170	5	81	18	1.9	<2	14	4.13	83.5	0.58	<4	78	100
83D07	2005	1329	11	389722	5799203	6		0.3	2.5	890	4.2	<1	250	7	120	26	3.0	<5	17	4.93	123.0	0.85	<4	110	140
83D07	2005	1330	11	383953	5792775	6		0.2	2.5	610	10.0	1	170	4	61	18	2.2	<2	16	3.39	84.2	0.70	<4	79	83
83D07	2005	1331	11	383529	5793346	6		0.4	3.0	540	10.0	3	62	2	40	10	0.9	<2	7	2.67	28.0	0.31	<1	27	52
83D07	2005	1332	11	383296	5793416	6		0.4	<1.3	790	<0.5	3	260	4	56	15	3.1	12	22	4.36	124.0	1.40	<4	120	78
83D07	2005	1333	11	382924	5790920	6		<0.1	<1.4	560	<1.1	2	332	4	84	15	4.5	<5	18	3.70	155.0	1.30	<5	140	88
83D07	2005	1334	11	380391	5791602	6		<0.1	<1.5	760	<1.2	2	310	6	69	10	4.0	<5	27	3.83	145.0	1.70	<6	130	130
83D02	2005	1335	11	378525	5789514	6		<0.1	<1.4	770	<1.0	3	170	7	110	20	2.4	<2	9	4.70	79.8	1.00	<4	73	130
83D07	2005	1336	11	376314	5791003	6		<0.1	<1.4	230	<1.0	4	210	4	100	20	3.3	8	10	5.14	98.5	1.20	<4	98	66
83D07	2005	1338	11	376652	5790984	6		<0.1	<1.7	870	<1.2	2	250	7	92	19	3.1	<5	18	5.27	113.0	1.20	<5	110	140
83D02	2005	1339	11	391026	5779495	6		0.3	<1.5	320	6.3	2	220	4	71	19	2.8	<4	9	4.99	107.0	1.50	<4	100	54
83D02	2005	1340	11	390841	5779620	6		<0.1	<1.5	330	1.6	2	170	6	85	26	2.4	<4	10	5.55	79.6	1.20	5	77	86
83D02	2005	1342	11	379911	5778903	6		<0.1	<1.7	730	<1.3	2	210	6	130	16	2.5	<5	13	3.93	94.9	1.40	<5	91	130
83D02	2005	1343	11	379949	5779070	6	10	<0.3	2.0	490	<1.3	2	280	8	100	19	2.5	<5	14	4.74	142.0	1.50	6	110	110
83D02	2005	1344	11	379949	5779070	6	20	<0.1	<1.9	580	<1.4	3	280	9	100	20	2.7	<5	15	4.88	143.0	1.60	7	120	110
83D02	2005	1345	11	378315	5778546	6		<0.1	<2.0	550	<1.4	3	290	10	130	17	2.7	<6	22	5.30	132.0	1.90	<7	130	130
83D02	2005	1346	11	378602	5775101	6		<0.1	<1.1	410	2.0	5	280	4	85	26	3.6	<6	18	5.98	155.0	1.50	<5	97	67
83D02	2005	1347	11	379033	5774678	6		<0.1	<0.5	480	4.7	4	220	7	95	25	2.5	<5	11	5.58	115.0	1.40	<4	77	85
83D02	2005	1349	11	382338	5774295	6		<0.1	<1.0	580	6.5	2	290	9	130	26	2.8	<5	16	4.97	151.0	1.80	<4	99	110
83D02	2005	1350	11	383074	5774204	6		<0.1	<0.5	290	0.9	4	190	4	110	19	2.4	<5	8	5.07	102.0	1.40	<4	69	79
83D02	2005	1351	11	384049	5774430	6		<0.1	<0.5	290	7.6	5	220	9	160	24	2.8	<2	10	5.18	114.0	2.00	<4	80	75
83D02	2005	1352	11	385328	5773894	6		<0.1	1.5	380	3.2	3	360	8	100	25	4.1	<6	11	5.08	201.0	3.90	<7	120	99
83D02	2005	1353	11	386813	5771343	6		<0.1	<1.1	320	4.0	5	260	7	160	29	2.8	<6	8	6.36	167.0	1.20	<4	85	51
83D02	2005	1354	11	387201	5771543	6		0.3	<1.1	450	4.6	3	290	8	110	16	2.5	<5	10	4.28	157.0	1.80	<4	100	69
83D02	2005	1355	11	387487	5763759	6		<0.1	<0.5	410	10.0	5	210	5	95	22	2.6	<5	10	5.72	102.0	1.20	<5	85	61
83D02	2005	1356	11	376337	5764852	6		<0.1	<0.5	410	0.9	3	200	3	130	16	2.3	<4	14	4.17	108.0	1.30	<4	68	60

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
83D02	2005	1313	11	387867	5785008	6		13.2	14.5	1.00	3.3	1.9	22.5	3	4.7	4.7	58	15.60	430	2.77	<0.02	36.3	6.33
83D02	2005	1314	11	386590	5783151	6		17.4	14.6	2.12	1.7	2.3	30.9	3	20.0	7.7	<50	20.86	280	1.31	0.03	50.8	6.56
83D02	2005	1315	11	386792	5783126	6		20.6	16.9	1.06	2.5	2.8	34.9	8	12.0	8.2	75	13.68	690	6.52	<0.02	38.7	6.38
83D02	2005	1316	11	395127	5785516	6		11.9	10.4	0.75	2.3	1.2	21.5	<2	4.5	3.2	<50	15.53	420	7.26	0.02	39.9	6.83
83D02	2005	1317	11	395038	5785206	6		11.9	10.0	0.83	2.0	1.6	19.0	5	5.1	4.3	<50	17.07	480	5.77	0.02	75.0	7.24
83D02	2005	1318	11	397423	5785094	6		8.0	12.7	1.00	1.2	0.8	15.0	3	3.1	2.7	<50	14.98	390	3.16	0.02	79.9	7.23
83D07	2005	1319	11	372925	5808969	6		24.3	17.4	1.33	4.3	2.8	46.4	8	11.0	6.6	79	18.64	460	2.05	0.03	92.0	7.47
83D07	2005	1320	11	373022	5809072	6		18.1	21.1	1.47	<3.9	2.8	23.7	<20	7.5	4.7	<330	0.38	1190	12.85	0.51	163.0	7.73
83D07	2005	1322	11	373959	5804076	6		21.1	15.6	1.56	3.3	2.4	41.4	<4	9.1	5.2	<50	17.27	490	2.02	0.02	140.0	6.89
83D07	2005	1323	11	373985	5803901	6		41.8	19.1	1.36	7.3	4.4	88.1	5	21.0	9.3	<50	19.07	360	1.29	0.03	61.7	6.27
83D07	2005	1324	11	378133	5802694	6		41.2	16.1	1.13	11.0	5.3	83.4	9	21.0	17.0	<50	22.65	390	1.81	0.06	139.0	7.12
83D07	2005	1325	11	376964	5803408	6		38.3	13.4	1.23	4.3	3.3	79.3	7	17.0	5.3	<50	12.30	620	10.78	0.03	24.2	6.43
83D07	2005	1326	11	378878	5802705	6	10	27.6	17.8	0.83	6.5	3.5	52.6	4	13.0	8.8	<50	19.30	460	3.69	0.03	76.2	6.80
83D07	2005	1327	11	378878	5802705	6	20	24.6	17.1	0.89	7.1	2.9	46.7	8	10.0	8.0	<50	18.78	450	3.42	0.03	76.2	7.14
83D07	2005	1328	11	387069	5803246	6		12.6	11.9	1.03	2.1	1.2	25.5	<3	5.7	3.4	68	12.20	620	9.96	0.04	41.1	6.54
83D07	2005	1329	11	389722	5799203	6		19.0	16.5	1.32	3.2	2.3	37.4	3	7.5	5.1	68	13.02	550	4.43	0.02	52.0	6.28
83D07	2005	1330	11	383953	5792775	6		13.4	10.3	0.92	2.2	1.8	23.6	<3	6.2	4.2	<50	15.79	330	5.89	0.02	62.9	6.75
83D07	2005	1331	11	383529	5793346	6		5.0	6.7	0.46	0.6	0.6	9.2	<1	2.6	1.8	<50	19.24	160	10.91	<0.02	116.0	7.70
83D07	2005	1332	11	383296	5793416	6		21.4	12.9	0.60	3.9	2.7	39.3	4	10.0	8.4	<50	18.97	510	4.52	0.02	151.0	7.41
83D07	2005	1333	11	382924	5790920	6		26.3	14.7	1.18	4.0	3.4	49.1	8	10.0	8.1	<50	19.12	240	1.34	<0.02	67.8	6.35
83D07	2005	1334	11	380391	5791602	6		24.0	13.8	0.90	6.8	3.4	44.4	<3	11.0	10.0	<50	13.71	360	3.02	0.02	29.0	5.49
83D02	2005	1335	11	378525	5789514	6		13.6	18.5	1.55	1.8	2.1	23.8	<3	5.0	6.1	69	18.38	280	1.77	0.05	67.8	5.64
83D07	2005	1336	11	376314	5791003	6		18.6	19.9	1.68	2.2	2.9	29.8	<3	7.9	7.3	<50	23.16	270	0.88	0.03	42.4	6.54
83D07	2005	1338	11	376652	5790984	6		19.6	17.6	1.08	3.4	2.6	37.3	<4	10.0	7.5	<50	14.85	340	2.00	0.03	39.9	6.98
83D02	2005	1339	11	391026	5779495	6		18.6	16.2	1.58	1.7	2.8	30.3	7	8.7	9.1	60	19.13	160	3.28	0.02	36.3	6.81
83D02	2005	1340	11	390841	5779620	6		14.5	19.3	1.23	2.6	2.3	21.5	5	5.6	7.1	69	18.35	220	4.31	0.04	69.0	7.07
83D02	2005	1342	11	379911	5778903	6		17.3	19.1	1.63	2.0	2.3	31.2	5	7.6	8.6	<50	16.93	270	2.05	0.03	33.4	6.32
83D02	2005	1343	11	379949	5779070	6	10	20.7	21.0	1.90	1.2	3.0	37.2	5	9.5	9.5	58	21.35	350	1.03	0.02	32.1	5.79
83D02	2005	1344	11	379949	5779070	6	20	21.1	21.7	1.85	1.2	2.9	37.7	<4	9.4	10.0	57	21.20	360	0.97	0.02	30.3	5.78
83D02	2005	1345	11	378315	5778546	6		24.2	19.7	1.76	2.4	3.4	45.2	<5	14.0	12.0	62	19.47	510	1.88	0.03	30.3	5.45
83D02	2005	1346	11	378602	5775101	6		25.8	23.5	1.67	2.5	3.4	46.2	5	11.0	10.0	140	22.53	360	2.06	0.02	30.3	6.29
83D02	2005	1347	11	379033	5774678	6		19.7	23.2	1.47	1.8	2.9	33.6	2	8.4	9.0	160	21.05	280	4.71	0.02	14.5	6.43
83D02	2005	1349	11	382338	5774295	6		24.4	19.4	1.87	1.8	3.6	45.5	4	12.0	12.0	110	15.89	390	6.24	0.02	14.5	5.97
83D02	2005	1350	11	383074	5774204	6		17.2	24.6	1.83	1.8	3.5	28.1	<1	6.9	10.0	140	21.79	150	2.23	<0.02	12.1	5.79
83D02	2005	1351	11	384049	5774430	6		20.1	23.8	1.55	3.7	3.7	34.4	7	13.0	13.0	110	17.54	220	5.74	0.02	19.4	6.40
83D02	2005	1352	11	385328	5773894	6		33.1	18.0	1.66	5.0	6.3	59.6	6	17.0	26.2	120	17.87	270	4.88	0.05	37.5	6.81
83D02	2005	1353	11	386813	5771343	6		18.3	27.3	1.78	3.2	2.5	28.2	<2	7.7	8.0	200	19.07	210	4.02	0.02	21.8	6.35
83D02	2005	1354	11	387201	5771543	6		22.7	20.1	1.89	1.3	3.7	40.5	3	11.0	12.0	150	15.51	320	6.90	0.05	46.0	7.06
83D02	2005	1355	11	387487	5763759	6		18.9	21.5	1.18	2.8	2.9	30.3	2	11.0	7.9	120	13.06	360	14.86	0.04	47.8	7.15
83D02	2005	1356	11	376337	5764852	6		18.7	18.9	1.93	1.6	3.1	34.0	2	10.0	8.5	130	24.39	160	0.67	0.03	56.7	7.17

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
83D02	2005	1357	11	376565	5765133	6		<0.1	1.4	220	3.3	5	190	4	87	23	2.5	<5	12	6.82	103.0	1.30	<4	75	50
83D02	2005	1358	11	379310	5764559	6		<0.1	<0.5	370	2.0	4	190	4	120	19	2.5	<4	16	4.69	100.0	1.20	<4	77	79
83D02	2005	1359	11	369981	5763137	6		<0.1	<0.5	340	22.0	3	240	4	280	36	2.2	<5	13	3.63	119.0	1.40	<4	98	57
83D02	2005	1360	11	369525	5763818	6		<0.1	<1.1	500	21.0	2	302	5	160	69	2.5	<5	9	3.81	148.0	2.20	<6	110	100
83D11	2005	1362	11	351621	5825695	6		<0.1	<0.5	300	0.6	<1	100	3	48	12	1.3	<2	12	3.05	51.2	0.55	<3	41	62
83D11	2005	1363	11	353307	5824199	6	10	<0.1	<0.5	540	3.2	1	200	5	83	16	2.7	<4	14	3.61	111.0	0.61	<3	73	91
83D11	2005	1364	11	353307	5824199	6	20	<0.1	<0.5	470	2.7	1	240	5	83	17	3.1	<5	16	3.79	131.0	0.72	<4	89	92
83D11	2005	1366	11	351622	5825334	6		<0.1	<0.5	280	8.5	2	170	4	71	22	2.0	10	12	4.55	91.7	0.71	<4	66	66
83D11	2005	1367	11	351105	5824360	6		<0.1	<1.1	520	15.0	1	180	6	75	38	2.6	<5	9	3.52	93.6	0.52	<4	79	96
83D11	2005	1368	11	351192	5826634	6		<0.1	<1.1	410	6.5	<1	170	7	82	16	1.6	<5	23	4.95	85.9	0.64	<4	67	120
83D11	2005	1369	11	349436	5822341	6		<0.1	<0.5	340	10.0	<1	64	4	59	18	1.1	<2	10	3.87	33.0	0.44	<3	30	79
83D11	2005	1370	11	349591	5828145	6		<0.1	<1.6	190	4.5	1	510	4	64	16	4.7	<7	32	6.91	293.0	1.20	<8	160	77
83D11	2005	1371	11	350503	5827698	6		<0.1	<1.6	<50	5.3	<1	569	3	43	15	5.1	<8	29	5.76	321.0	1.00	<6	190	48
83D11	2005	1372	11	346242	5827252	6		<0.1	<0.5	470	2.3	1	140	5	76	23	2.1	<2	12	3.80	70.9	0.58	<3	53	100
83D11	2005	1373	11	345344	5827812	6		<0.1	<0.5	250	1.1	<1	96	3	43	13	1.3	<2	9	2.77	49.0	0.46	<2	38	57
83D11	2005	1374	11	345569	5827307	6		<0.1	<0.5	240	<0.5	1	60	2	40	12	1.1	<2	7	2.48	30.0	0.36	<1	27	50
83D06	2005	1375	11	362465	5816769	6		<0.1	<1.2	710	8.8	6	170	1	130	28	3.0	<5	14	6.57	84.0	0.94	<4	72	100
83D06	2005	1376	11	363394	5816573	6		<0.1	<1.3	500	1.5	5	220	1	140	30	3.9	<6	22	6.70	116.0	1.30	<4	86	120
83D07	2005	1377	11	364794	5816423	6		<0.1	<1.2	530	5.5	6	130	2	260	42	2.7	<5	9	7.01	63.9	0.66	<4	59	100
83D07	2005	1378	11	364813	5816262	6		<0.1	<1.3	650	<1.2	4	364	2	60	18	3.9	<6	21	5.16	196.0	1.20	<5	130	160
83D06	2005	1379	11	362225	5813066	6		<0.1	<1.2	600	5.8	3	302	2	57	16	3.5	<6	22	4.80	157.0	1.70	<7	110	190
83D06	2005	1380	11	362299	5812865	6		<0.1	<1.2	760	2.0	2	260	4	94	23	3.0	<5	15	5.71	134.0	1.10	<4	100	170
83D06	2005	1382	11	361041	5810185	6		<0.1	<1.5	460	2.9	5	376	4	100	25	4.6	<7	21	6.37	202.0	1.30	<5	140	110
83D06	2005	1383	11	360671	5810656	6		<0.1	<1.4	780	1.4	2	370	2	41	14	3.9	<6	33	5.32	188.0	1.80	<5	140	160
83D06	2005	1384	11	360282	5810509	6		<0.1	<1.5	630	<1.4	2	346	6	100	29	3.3	<6	21	6.62	182.0	1.10	<7	130	170
83D06	2005	1385	11	357177	5805381	6	10	<0.1	<1.5	470	15.0	3	332	4	93	21	3.8	<6	18	5.24	174.0	1.10	<5	130	86
83D06	2005	1386	11	357177	5805381	6	20	<0.1	<1.4	590	20.0	4	240	5	100	23	3.0	<6	13	5.26	126.0	0.93	<6	97	96
83D06	2005	1387	11	360470	5804555	6		<0.1	<1.6	590	<1.5	3	442	5	120	22	4.6	<7	22	5.58	243.0	1.40	<8	160	110
83D06	2005	1388	11	359557	5804784	6		<0.1	<1.4	730	37.0	2	150	5	91	27	2.0	<5	7	5.36	80.0	0.61	<4	60	130
83D06	2005	1389	11	356234	5802226	6		<0.2	<1.8	510	5.7	<1	456	6	98	15	4.1	<7	21	5.69	235.0	1.40	<8	160	130
83D06	2005	1390	11	357273	5802031	6		<0.2	<2.0	540	<1.8	<1	582	6	93	12	4.8	<8	27	6.16	308.0	1.70	<10	220	150
83D06	2005	1391	11	346958	5802751	6		<0.1	<1.1	340	3.7	2	120	5	53	15	1.7	<4	12	3.69	60.4	0.63	<4	55	77
83D06	2005	1392	11	347401	5802252	6		<0.1	<0.5	310	1.4	2	90	4	55	11	1.3	<2	7	3.09	46.0	0.41	<2	36	70
83D06	2005	1393	11	342358	5799864	6		<0.1	<0.5	390	3.8	4	160	6	50	18	2.4	<2	9	4.65	79.5	1.20	<4	67	82
83D06	2005	1395	11	342412	5800093	6		<0.1	<0.5	280	<0.5	4	140	5	49	18	2.2	<2	10	5.32	74.0	1.10	<3	56	58
83D06	2005	1396	11	335946	5803940	6		<0.1	<0.5	540	<0.5	2	110	9	84	13	1.5	<2	9	3.20	57.5	0.54	<3	43	100
83D06	2005	1397	11	335855	5804199	6		<0.1	<0.5	330	2.2	2	140	9	66	14	1.9	<2	16	4.52	75.1	0.91	<3	55	87
83D06	2005	1398	11	338697	5805147	6		<0.1	<0.5	330	3.7	1	120	6	57	13	1.6	<2	12	3.53	62.3	0.58	<4	54	74
83D03	2005	1399	11	331803	5777335	6		<0.1	<1.2	420	48.0	1	130	8	60	21	1.6	<4	6	3.18	64.3	0.65	<10	57	100
83D03	2005	1400	11	330866	5777971	6		<0.1	<1.2	560	32.0	1	140	16	69	21	2.3	<5	7	3.83	70.2	0.75	<6	63	130

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
83D02	2005	1357	11	376565	5765133	6		18.4	25.0	1.56	5.6	3.1	27.9	5	10.0	9.0	140	19.85	200	4.63	0.03	50.8	7.18
83D02	2005	1358	11	379310	5764559	6		17.1	18.9	1.56	2.7	2.4	30.0	2	9.1	7.7	120	19.47	270	3.98	0.06	45.9	7.62
83D02	2005	1359	11	369981	5763137	6		21.1	13.3	1.47	1.8	3.0	41.3	3	10.0	8.9	85	13.26	460	12.28	0.03	8.1	6.33
83D02	2005	1360	11	369525	5763818	6		26.7	14.0	1.71	2.5	4.4	51.9	3	16.0	14.0	77	14.86	400	11.30	0.03	25.2	5.95
83D11	2005	1362	11	351621	5825695	6		8.1	10.2	0.67	1.9	1.2	14.0	2	4.0	3.3	53	21.73	190	2.09	0.06	42.6	6.72
83D11	2005	1363	11	353307	5824199	6	10	14.4	12.8	1.15	3.2	1.6	24.4	4	6.3	3.9	90	15.86	240	4.46	0.05	26.9	6.80
83D11	2005	1364	11	353307	5824199	6	20	17.0	13.1	1.17	3.6	1.5	29.2	3	6.8	4.5	61	15.62	280	4.23	0.05	26.9	6.67
83D11	2005	1366	11	351622	5825334	6		13.5	14.1	0.90	4.6	1.6	21.4	4	6.3	4.2	85	13.86	280	6.23	0.04	94.1	6.82
83D11	2005	1367	11	351105	5824360	6		15.4	11.1	0.88	2.8	2.0	17.0	4	5.4	3.2	93	10.94	330	10.96	0.04	24.6	6.52
83D11	2005	1368	11	351192	5826634	6		12.9	14.8	0.74	4.4	1.5	27.0	4	7.7	3.9	99	12.44	320	7.37	0.04	22.4	6.51
83D11	2005	1369	11	349436	5822341	6		5.6	11.3	0.64	2.2	0.9	8.6	3	4.3	2.8	78	15.90	330	5.95	0.04	179.0	7.55
83D11	2005	1370	11	349591	5828145	6		38.6	22.2	0.81	6.2	4.1	82.7	8	19.0	7.7	120	18.14	210	5.71	0.11	30.2	6.65
83D11	2005	1371	11	350503	5827698	6		44.3	17.9	0.75	4.2	4.5	96.6	<3	22.0	6.3	160	16.33	190	5.39	0.08	32.5	7.00
83D11	2005	1372	11	346242	5827252	6		10.8	11.6	0.83	2.1	1.6	19.0	3	5.6	3.5	89	15.70	280	3.71	0.03	38.1	6.78
83D11	2005	1373	11	345344	5827812	6		7.9	8.7	0.55	2.5	1.0	12.0	2	3.2	2.7	<50	21.61	190	1.78	0.04	41.4	6.60
83D11	2005	1374	11	345569	5827307	6		5.2	7.3	0.64	1.9	0.8	8.1	2	2.5	2.3	<50	22.45	130	1.78	0.05	67.2	6.70
83D06	2005	1375	11	362465	5816769	6		14.4	29.6	1.84	2.7	1.9	14.0	3	6.1	6.1	140	14.50	420	5.08	0.05	42.6	7.10
83D06	2005	1376	11	363394	5816573	6		19.5	31.6	2.01	4.4	2.9	25.5	3	8.3	8.8	170	18.39	430	2.59	0.07	43.7	6.88
83D07	2005	1377	11	364794	5816423	6		11.7	34.8	1.58	2.6	1.5	12.0	5	7.3	4.4	180	17.26	360	5.37	0.06	32.5	6.96
83D07	2005	1378	11	364813	5816262	6		24.3	19.8	2.03	5.7	3.0	42.7	5	10.0	7.7	110	17.11	500	1.80	0.16	50.4	7.26
83D06	2005	1379	11	362225	5813066	6		23.9	19.5	1.67	4.3	3.4	44.7	<3	20.0	11.0	110	17.64	1820	3.00	0.43	44.2	7.26
83D06	2005	1380	11	362299	5812865	6		19.0	20.2	1.82	5.2	2.5	26.6	<3	10.0	6.9	130	13.90	660	3.40	0.47	60.5	6.99
83D06	2005	1382	11	361041	5810185	6		28.2	23.2	1.83	5.4	3.4	41.6	<3	11.0	8.8	170	15.25	430	4.60	0.13	49.3	6.60
83D06	2005	1383	11	360671	5810656	6		29.6	21.6	1.95	4.2	4.0	37.9	4	10.0	12.0	99	17.77	1180	5.90	0.41	54.3	7.12
83D06	2005	1384	11	360282	5810509	6		26.5	21.1	1.13	3.2	3.2	53.1	4	13.0	7.1	130	12.69	430	3.50	0.27	143.0	6.88
83D06	2005	1385	11	357177	5805381	6	10	24.2	18.4	1.36	8.3	3.3	45.2	<3	13.0	7.1	72	11.68	400	8.70	0.05	60.5	7.33
83D06	2005	1386	11	357177	5805381	6	20	18.1	17.6	1.31	5.4	2.3	32.4	4	9.3	5.9	88	10.92	520	10.40	0.04	59.4	7.07
83D06	2005	1387	11	360470	5804555	6		32.1	19.3	1.51	2.9	4.0	65.6	<3	16.0	9.1	80	16.80	300	2.40	0.05	60.5	6.96
83D06	2005	1388	11	359557	5804784	6		11.2	15.7	1.26	2.0	1.2	19.0	4	5.2	3.7	100	9.76	930	14.60	0.05	87.4	7.15
83D06	2005	1389	11	356234	5802226	6		32.8	17.9	1.28	2.7	3.7	70.6	7	15.0	8.4	75	11.49	450	7.40	0.04	37.5	5.25
83D06	2005	1390	11	357273	5802031	6		42.5	20.0	1.00	2.1	4.6	95.3	<4	21.0	11.0	<50	13.36	350	4.80	0.04	29.1	5.43
83D06	2005	1391	11	346958	5802751	6		10.3	14.1	1.15	3.8	1.9	15.0	4	4.8	3.9	61	18.54	430	5.00	0.02	137.0	7.79
83D06	2005	1392	11	347401	5802252	6		7.8	11.5	0.86	1.9	1.0	12.0	3	3.3	2.7	<50	22.16	320	4.30	0.02	128.0	7.79
83D06	2005	1393	11	342358	5799864	6		14.5	14.5	1.45	2.5	2.5	21.2	10	8.7	7.3	79	17.51	330	4.70	0.03	21.3	6.86
83D06	2005	1395	11	342412	5800093	6		13.1	17.6	1.32	3.8	1.8	19.0	11	6.7	7.2	90	25.52	180	2.20	0.03	56.0	7.19
83D06	2005	1396	11	335946	5803940	6		8.6	13.0	1.10	2.2	1.3	16.0	<1	4.9	3.3	77	18.68	270	2.60	0.06	106.0	7.07
83D06	2005	1397	11	335855	5804199	6		11.4	14.4	1.01	4.5	1.7	20.4	18	9.0	5.7	88	19.46	360	3.00	0.04	54.9	7.34
83D06	2005	1398	11	338697	5805147	6		10.0	11.4	0.91	3.5	1.3	16.0	3	5.3	3.6	53	16.51	320	4.80	0.03	106.0	7.63
83D03	2005	1399	11	331803	5777335	6		11.5	11.2	1.18	1.3	1.7	20.0	<2	36.0	4.2	140	9.03	510	23.30	0.04	23.5	7.00
83D03	2005	1400	11	330866	5777971	6		13.1	12.5	1.08	1.5	2.1	22.6	5	17.0	4.5	110	9.03	620	19.00	0.03	17.9	6.26

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
83D03	2005	1402	11	330698	5777745	6		<0.1	<1.2	540	12.0	2	150	8	96	16	1.4	<2	9	4.26	75.0	0.63	<5	57	160
83D03	2005	1403	11	334065	5782482	6		<0.1	<1.1	970	8.8	3	170	7	46	10	1.3	<2	14	2.84	87.5	0.62	<4	63	97
83D03	2005	1404	11	334091	5782803	6		<0.1	<1.2	720	32.0	2	150	7	48	21	1.3	<4	10	2.99	78.4	0.59	<7	61	87
83D03	2005	1405	11	334169	5784329	6		<0.1	<1.1	850	22.0	3	130	9	73	13	1.3	<2	8	2.82	63.7	0.49	<4	50	93
83D03	2005	1406	11	334463	5784380	6		<0.1	<1.4	360	6.0	4	310	5	71	18	3.3	<5	15	4.10	165.0	1.40	<6	120	74
83D03	2005	1407	11	333569	5786829	6		<0.1	<1.3	320	18.0	4	230	7	79	38	2.6	<5	12	3.80	118.0	1.10	<5	94	71
83D03	2005	1408	11	333354	5787841	6		<0.1	<1.5	470	14.0	3	190	18	91	22	2.1	<5	8	4.35	93.6	1.00	<8	81	110
83D03	2005	1410	11	331867	5788941	6		<0.1	<1.2	230	14.0	2	86	7	43	15	1.3	<2	6	3.10	40.0	0.73	<8	40	100
83D03	2005	1411	11	331629	5789023	6		<0.1	<1.4	680	4.0	4	180	13	94	16	2.1	<5	11	4.37	90.9	0.92	<6	77	140
83D11	2005	1412	11	348615	5839138	6	10	<0.2	<2.2	340	13.0	2	449	5	78	40	4.5	<8	23	7.57	242.0	1.50	<8	170	83
83D11	2005	1413	11	348615	5839138	6	20	<0.2	<2.5	360	10.0	2	531	4	74	39	5.3	<9	25	7.88	287.0	1.60	<7	200	82
83D11	2005	1414	11	352582	5834846	6		<0.1	<2.3	230	<1.9	<1	497	3	75	21	5.2	<8	27	6.98	271.0	1.70	<9	180	70
83D11	2005	1415	11	354228	5832422	6		<0.1	<1.1	320	3.9	2	399	4	120	18	4.6	<6	38	6.54	236.0	1.00	<7	130	120
83D11	2005	1416	11	355523	5831307	6		<0.1	<1.0	110	2.8	2	346	2	110	14	4.0	<5	24	5.64	208.0	1.00	<4	110	60
83D11	2005	1417	11	356427	5830410	6		<0.1	<0.5	350	3.1	1	200	3	71	13	2.7	<2	18	4.20	114.0	0.76	<3	66	59
83D11	2005	1418	11	356546	5824648	6		<0.1	<0.5	320	4.4	1	323	4	87	13	3.7	<2	32	4.94	193.0	1.00	<5	99	58
83D11	2005	1419	11	357202	5822316	6		0.2	1.9	490	17.0	2	210	3	75	19	3.1	<4	14	4.77	119.0	0.86	<5	79	94
83D06	2005	1420	11	354224	5810312	6		<0.1	<0.5	420	19.0	3	250	4	94	116	3.7	<4	12	4.28	143.0	0.94	<4	90	76
83D06	2005	1422	11	352668	5806948	6		<0.1	<0.5	500	<0.5	2	220	4	110	16	3.1	<2	12	4.36	134.0	0.72	<3	74	90
83D03	2005	1423	11	352926	5785186	6		<0.1	<0.5	690	7.0	1	280	5	90	17	3.2	<4	17	5.30	160.0	0.84	<4	96	120
83D03	2005	1424	11	354367	5784698	6		<0.3	<2.0	280	5.5	3	686	4	190	32	6.7	<8	32	6.15	467.0	1.70	<8	190	110
83D03	2005	1425	11	339028	5766089	6		<0.1	1.3	1100	4.3	<1	130	2	23	6	1.2	<2	9	1.94	74.9	0.28	<2	45	100
83D06	2005	1426	11	353075	5809087	6		0.3	1.5	220	<1.3	4	290	4	75	25	4.8	<6	27	7.74	171.0	2.30	<5	97	66
83D14	2005	1427	11	343759	5863959	6		0.3	7.2	390	11.0	<1	170	3	58	10	1.9	<2	14	3.21	96.2	0.50	<2	59	79
83D03	2005	1428	11	357671	5777566	6		<0.3	2.0	370	4.1	4	428	4	180	23	5.7	<5	22	5.73	272.0	1.20	<5	140	64
83D03	2005	1430	11	358394	5777310	6		<0.1	<1.0	520	2.3	4	280	5	160	20	2.9	<2	10	5.48	154.0	1.40	<4	100	100
83D03	2005	1431	11	361200	5777454	6		<0.1	<0.5	550	2.6	3	150	4	200	21	2.3	<2	10	5.25	83.3	0.94	<4	57	99
83D03	2005	1432	11	359638	5778043	6	10	<0.1	<1.4	200	3.1	5	404	4	140	29	4.8	<5	14	6.60	241.0	1.80	<7	130	75
83D03	2005	1433	11	359638	5778043	6	20	<0.1	<1.2	410	3.5	4	342	5	140	31	3.8	<6	16	6.23	187.0	1.50	<6	130	95
83D03	2005	1434	11	362460	5777905	6		<0.1	<0.5	530	1.5	3	150	5	67	21	2.2	<2	10	5.20	83.4	1.00	<4	62	100
83D02	2005	1435	11	364853	5776310	6		<0.1	1.7	430	3.5	3	340	4	340	17	3.3	<4	15	4.54	186.0	1.50	<6	120	85
83D02	2005	1436	11	365229	5776552	6		<0.1	<0.5	740	1.8	2	160	8	180	13	1.8	<2	11	4.54	85.5	0.83	<3	64	160
83D02	2005	1437	11	367098	5780115	6		<0.1	1.1	560	1.1	3	140	6	170	17	2.4	<4	11	5.03	75.5	0.85	<3	60	120
83D02	2005	1438	11	369672	5782318	6		<0.1	<1.2	590	1.5	4	372	4	240	18	5.3	<6	36	3.81	213.0	2.50	<8	130	76
83D02	2005	1439	11	370083	5782050	6		<0.1	<0.5	570	<0.5	3	160	12	140	15	2.3	<2	20	4.55	89.7	1.20	<5	61	150
83D02	2005	1440	11	371548	5784473	6		<0.1	0.8	490	<0.5	3	120	6	120	16	2.0	<2	11	4.01	67.0	0.85	<4	45	96
83D02	2005	1442	11	371514	5784824	6		0.1	1.2	500	1.1	4	97	3	160	17	2.1	<2	5	4.13	58.5	0.61	<2	34	63
83D03	2005	1444	11	360966	5783488	6	10	<0.1	<1.4	220	<1.6	5	391	3	110	22	5.2	<6	25	6.44	227.0	2.30	<7	130	63
83D03	2005	1445	11	360966	5783488	6	20	<0.1	<1.3	290	<1.4	6	324	3	120	23	4.4	<5	21	6.25	193.0	1.90	<7	100	60
83D03	2005	1446	11	360754	5783726	6		<0.1	<1.5	430	2.2	3	464	6	190	16	4.9	<7	19	5.37	298.0	1.50	<8	140	83

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
83D03	2005	1402	11	330698	5777745	6		11.9	15.0	1.50	2.1	1.6	24.3	<3	11.0	4.0	110	11.09	670	8.50	0.04	30.2	5.79
83D03	2005	1403	11	334065	5782482	6		12.0	11.8	1.72	3.3	1.1	29.9	<2	10.0	3.8	52	13.82	270	9.60	0.02	16.8	6.48
83D03	2005	1404	11	334091	5782803	6		11.3	11.6	1.35	2.9	1.4	26.4	4	22.0	3.7	95	11.23	390	18.50	0.03	20.2	6.28
83D03	2005	1405	11	334169	5784329	6		9.4	12.1	1.45	3.0	1.1	19.0	<2	9.3	3.0	69	12.23	400	15.70	0.02	11.2	6.41
83D03	2005	1406	11	334463	5784380	6		25.0	18.7	1.18	2.5	3.1	50.9	5	14.0	9.1	93	17.89	330	5.00	0.03	60.5	7.51
83D03	2005	1407	11	333569	5786829	6		19.1	14.8	1.17	3.3	2.9	35.8	4	11.0	7.1	88	15.29	420	7.50	0.04	60.5	7.08
83D03	2005	1408	11	333354	5787841	6		15.9	15.2	1.23	4.8	2.3	28.2	12	26.0	6.4	120	9.75	1030	17.50	0.04	61.6	7.28
83D03	2005	1410	11	331867	5788941	6		8.3	11.2	1.81	4.0	1.5	12.0	<3	23.0	4.8	71	11.11	330	20.60	0.02	5.7	5.67
83D03	2005	1411	11	331629	5789023	6		14.4	15.6	1.34	2.8	2.1	25.9	3	18.0	5.8	120	14.87	420	4.40	0.06	38.1	7.02
83D11	2005	1412	11	348615	5839138	6	10	34.0	28.8	0.82	5.4	3.4	71.6	8	16.0	9.3	130	15.25	270	6.00	0.08	34.7	6.16
83D11	2005	1413	11	348615	5839138	6	20	40.1	30.2	0.80	5.9	4.0	85.9	10	18.0	10.0	99	14.65	250	5.10	0.08	33.6	6.41
83D11	2005	1414	11	352582	5834846	6		37.1	25.7	0.94	7.8	4.2	76.1	5	17.0	11.0	57	17.19	180	3.50	0.07	32.5	6.52
83D11	2005	1415	11	354228	5832422	6		33.2	22.2	0.86	6.1	3.0	73.4	4	15.0	7.5	120	14.72	430	4.80	0.12	29.7	6.61
83D11	2005	1416	11	355523	5831307	6		28.1	19.8	1.03	4.8	2.8	63.9	<2	12.0	7.0	65	17.06	240	3.50	0.08	29.7	6.32
83D11	2005	1417	11	356427	5830410	6		15.7	14.9	1.03	3.1	1.7	33.5	4	6.2	5.3	76	16.49	330	6.20	0.06	24.1	6.67
83D11	2005	1418	11	356546	5824648	6		24.8	17.2	1.07	4.9	2.3	54.2	3	12.0	6.8	61	14.81	390	5.80	0.06	26.9	6.79
83D11	2005	1419	11	357202	5822316	6		17.2	18.5	1.55	3.6	1.7	22.4	4	13.0	6.3	240	12.96	960	14.30	0.21	37.5	6.88
83D06	2005	1420	11	354224	5810312	6		20.0	16.7	1.52	5.7	2.5	34.4	3	10.0	6.7	210	14.45	390	8.70	0.09	65.0	6.81
83D06	2005	1422	11	352668	5806948	6		17.6	15.0	1.69	2.3	2.2	36.0	<1	7.0	5.1	68	18.30	300	1.50	0.05	70.7	7.07
83D03	2005	1423	11	352926	5785186	6		21.7	13.7	1.15	1.6	2.6	48.6	2	10.0	6.0	63	12.78	490	8.00	0.04	20.5	6.03
83D03	2005	1424	11	354367	5784698	6		51.6	18.5	1.47	2.8	5.2	118.0	<4	22.0	13.0	120	16.50	520	4.20	0.05	38.8	6.04
83D03	2005	1425	11	339028	5766089	6		10.0	7.0	2.20	2.1	0.9	26.4	1	6.0	2.0	75	17.71	450	5.90	0.04	43.3	5.41
83D06	2005	1426	11	353075	5809087	6		27.1	26.3	1.73	4.0	4.4	47.3	3	12.0	16.0	95	17.77	300	2.10	0.02	44.5	6.98
83D14	2005	1427	11	343759	5863959	6		12.3	9.2	1.00	1.7	1.2	22.3	2	4.2	3.4	68	15.56	220	4.70	0.03	52.4	6.59
83D03	2005	1428	11	357671	5777566	6		34.7	19.5	1.61	6.0	4.1	70.9	5	14.0	8.9	72	17.81	510	3.40	0.03	36.5	6.74
83D03	2005	1430	11	358394	5777310	6		27.4	22.1	1.51	2.4	3.4	55.8	4	11.0	10.0	78	13.88	330	2.40	0.03	25.1	6.03
83D03	2005	1431	11	361200	5777454	6		14.9	19.8	1.39	1.9	2.2	28.3	3	5.6	6.7	73	18.76	370	3.10	0.02	16.0	5.62
83D03	2005	1432	11	359638	5778043	6	10	38.4	26.0	1.55	3.9	5.8	76.3	<3	13.0	13.0	60	21.12	390	3.09	0.03	38.8	6.15
83D03	2005	1433	11	359638	5778043	6	20	31.8	24.2	1.64	3.3	3.9	61.8	<3	12.0	11.0	95	13.17	400	3.60	0.04	41.0	5.96
83D03	2005	1434	11	362460	5777905	6		15.7	19.3	1.73	2.3	2.6	26.8	<1	7.5	7.2	79	19.52	330	2.70	0.03	37.6	6.77
83D02	2005	1435	11	364853	5776310	6		31.0	16.8	1.48	2.5	4.5	65.9	3	14.0	11.0	68	16.65	370	4.00	0.02	18.2	5.80
83D02	2005	1436	11	365229	5776552	6		15.1	17.3	1.41	1.2	2.1	31.7	4	8.1	5.9	84	11.90	540	3.70	0.02	16.5	5.42
83D02	2005	1437	11	367098	5780115	6		13.5	19.8	1.66	1.9	1.9	25.1	<2	9.1	6.0	78	12.21	730	2.80	0.02	18.2	5.40
83D02	2005	1438	11	369672	5782318	6		35.7	15.8	1.97	3.8	5.5	71.3	<2	22.0	18.0	62	19.42	340	1.70	0.04	50.2	6.59
83D02	2005	1439	11	370083	5782050	6		15.8	18.3	1.98	1.7	2.6	30.5	<1	14.0	8.0	76	16.77	480	1.90	0.04	66.1	6.12
83D02	2005	1440	11	371548	5784473	6		12.0	15.7	2.12	1.7	1.9	21.6	<1	7.0	5.9	69	20.12	280	1.20	0.09	52.4	5.21
83D02	2005	1442	11	371514	5784824	6		8.9	17.8	2.08	0.9	1.4	15.0	<1	3.7	4.3	62	22.19	180	1.10	0.05	36.5	6.49
83D03	2005	1444	11	360966	5783488	6	10	38.8	24.8	1.69	3.2	5.3	73.1	<3	20.0	16.0	85	15.19	270	1.10	0.04	45.6	6.92
83D03	2005	1445	11	360966	5783488	6	20	32.7	24.7	1.66	4.4	4.8	61.3	4	20.0	14.0	55	21.23	250	1.10	0.04	46.7	6.69
83D03	2005	1446	11	360754	5783726	6		37.0	17.4	1.71	3.1	4.6	80.4	5	20.0	11.0	93	18.63	540	5.20	0.03	26.2	5.52

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
83D03	2005	1447	11	358720	5785183	6		0.3	<1.1	530	11.0	3	316	5	210	31	4.1	<4	13	5.12	194.0	1.10	<4	100	80
83D03	2005	1448	11	347625	5784629	6		<0.1	1.6	450	8.6	2	343	3	98	17	3.6	<2	14	5.31	212.0	0.93	<5	110	87
83D03	2005	1449	11	349473	5785834	6		<0.1	1.1	470	19.0	1	210	4	77	23	2.4	<2	12	4.59	117.0	0.68	<4	76	68
83D03	2005	1450	11	353517	5790998	6		<0.1	<1.3	560	10.0	2	415	6	140	24	4.7	<5	12	5.45	245.0	1.20	<6	140	110
83D06	2005	1451	11	343091	5791450	6		<0.1	<0.5	420	6.2	3	130	6	89	17	2.2	<2	10	4.42	70.6	0.57	<4	50	80
83D06	2005	1452	11	339368	5793135	6		<0.1	1.3	510	1.9	3	180	8	190	17	2.5	<2	13	5.08	101.0	1.00	<4	62	90
83D03	2005	1453	11	330732	5771763	6		<0.1	1.2	720	12.0	1	160	3	68	12	1.6	<2	8	2.96	88.8	0.47	<4	61	83
83D06	2005	1454	11	333910	5796010	6		<0.1	<0.5	380	3.0	2	230	8	96	19	2.8	<4	16	5.07	130.0	1.10	<5	83	84
83D06	2005	1455	11	333330	5796776	6		<0.1	<0.5	380	<0.5	2	130	6	75	12	2.0	<2	11	3.59	70.9	0.65	<2	48	83
83D06	2005	1456	11	336570	5794601	6		<0.1	<0.5	590	1.2	4	190	8	100	16	2.7	<2	13	4.24	102.0	0.87	<4	67	93
83D06	2005	1457	11	334595	5795328	6		<0.1	<0.5	510	4.8	3	150	8	99	18	2.1	<2	10	5.02	82.1	0.75	<4	60	86
83D06	2005	1458	11	333606	5796867	6		<0.1	0.9	460	2.3	1	93	14	77	11	1.4	<2	7	2.90	52.1	0.32	<4	37	160
83D11	2005	1459	11	357503	5819860	6		<0.1	<1.4	610	12.0	4	270	1	110	26	3.8	<6	14	7.36	147.0	1.00	<4	110	100
83D06	2005	1460	11	357940	5817850	6		<0.1	<1.7	440	10.0	4	452	1	110	18	5.4	<7	44	7.24	253.0	1.60	<6	160	76
83D06	2005	1462	11	358277	5817082	6	10	<0.1	<1.1	640	2.3	3	260	2	83	18	3.3	<5	16	4.95	146.0	1.10	<4	97	130
83D06	2005	1463	11	358277	5817082	6	20	<0.1	<1.1	500	<1.2	3	270	2	79	16	3.9	<5	18	4.71	154.0	1.20	<4	99	130
83D06	2005	1464	11	358437	5817332	6		<0.1	<1.6	400	<1.7	4	369	1	100	17	4.9	<5	37	6.25	227.0	1.40	<7	120	82
83D06	2005	1465	11	352507	5802774	6		<0.1	<1.5	390	2.2	2	499	4	110	15	5.4	<6	32	4.72	299.0	1.30	<8	160	100
83D06	2005	1466	11	351985	5798548	6		<0.1	<2.1	440	3.3	2	662	5	150	20	6.0	<8	24	5.01	434.0	1.80	<10	200	73
83D06	2005	1467	11	352052	5795281	6		<0.1	<1.3	460	4.7	3	339	3	240	19	4.2	<5	15	4.63	225.0	1.10	<4	99	59
83D06	2005	1468	11	355343	5796814	6		<0.2	2.2	370	6.1	2	768	5	130	29	7.4	<7	31	5.09	470.0	2.00	<11	230	94
83D06	2005	1469	11	356406	5795990	6		0.2	1.9	460	39.0	1	320	5	95	28	3.5	<5	11	4.55	181.0	1.10	<6	120	87
83D06	2005	1470	11	356491	5795742	6		<0.1	<1.4	600	3.0	2	442	6	110	21	4.7	<6	16	5.24	256.0	1.20	<7	150	120
83D06	2005	1471	11	359868	5792882	6		<0.1	<1.1	380	3.6	2	270	4	110	19	3.3	<4	16	4.42	153.0	1.10	<5	94	95
83D03	2005	1472	11	358298	5763080	6		<0.1	<0.5	810	1.9	2	180	3	63	11	1.5	<2	14	2.82	106.0	0.69	<4	67	110
83D03	2005	1473	11	356996	5766187	6		<0.1	<1.1	420	20.0	2	200	3	85	17	2.3	<2	10	3.89	110.0	0.72	<5	83	67
83D02	2005	1474	11	364067	5769450	6		<0.1	<0.5	420	<0.5	3	160	1	64	12	2.2	<2	16	3.36	90.4	0.93	<4	59	55
83D07	2005	1476	11	367375	5794025	6		<0.1	1.8	640	1.9	4	120	7	130	19	2.1	<4	10	5.98	67.6	0.82	<3	53	100
83D07	2005	1477	11	372629	5795687	6		<0.1	2.3	470	21.0	2	190	6	58	12	2.7	<4	13	4.16	102.0	1.00	<4	79	79
83D07	2005	1478	11	372844	5795590	6		<0.1	<1.1	530	<1.1	2	260	7	65	10	3.6	<4	18	3.42	140.0	1.50	<5	97	120
83D03	2005	1479	11	361708	5768974	6		<0.1	<1.1	430	1.0	3	220	3	160	17	2.8	<4	13	4.55	116.0	1.10	<3	82	54
83D03	2005	1480	11	352847	5764324	6		<0.1	<0.5	890	2.7	1	150	4	48	7	1.8	<2	9	2.44	85.3	0.50	<5	53	130
83D07	2005	1482	11	367927	5799422	6		<0.1	<1.3	340	1.5	1	324	5	73	8	4.0	<5	21	3.80	175.0	1.50	<6	120	100
83D07	2005	1483	11	368042	5799387	6	10	<0.1	<1.2	460	<1.2	3	240	3	110	18	3.6	<5	15	3.96	131.0	1.00	<5	89	78
83D07	2005	1484	11	368042	5799387	6	20	<0.1	<1.3	560	<1.3	2	220	4	110	19	3.2	<5	13	4.11	119.0	0.84	<4	80	82
83D03	2005	1485	11	356150	5769014	6		<0.1	2.7	620	3.5	2	415	3	230	16	3.2	<6	27	3.77	254.0	1.30	<8	120	82
83D03	2005	1487	11	356682	5769794	6		<0.1	<1.0	360	1.2	3	210	3	310	18	2.4	<2	9	4.19	116.0	1.20	<3	72	73
83D03	2005	1488	11	356486	5769915	6		<0.1	<1.3	390	4.9	3	300	4	98	17	2.9	<2	16	4.72	162.0	1.40	<4	100	78
83D03	2005	1489	11	360934	5768096	6		<0.1	<1.1	550	<1.1	2	240	4	98	14	2.2	<2	14	4.23	137.0	1.00	<3	83	110
83D02	2005	1490	11	363727	5768607	6		<0.1	<0.5	420	<0.5	3	120	3	110	14	1.6	<2	10	3.57	64.2	0.83	<3	42	95

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
83D03	2005	1447	11	358720	5785183	6		25.0	18.3	1.73	2.2	3.0	51.5	<2	11.0	7.7	76	15.22	630	6.80	0.04	43.3	5.40
83D03	2005	1448	11	347625	5784629	6		25.8	14.5	1.22	2.1	2.7	59.3	<2	10.0	6.7	82	15.18	430	9.10	0.04	42.2	6.41
83D03	2005	1449	11	349473	5785834	6		16.0	11.6	1.14	1.4	1.9	34.8	4	7.8	4.5	70	13.43	620	13.30	0.03	39.9	6.14
83D03	2005	1450	11	353517	5790998	6		33.4	17.8	1.18	2.8	3.8	75.7	3	16.0	8.9	85	12.85	660	7.60	0.04	37.6	6.56
83D06	2005	1451	11	343091	5791450	6		11.3	14.5	1.29	1.8	1.5	20.6	3	7.6	4.1	87	15.04	690	6.70	0.03	47.9	7.20
83D06	2005	1452	11	339368	5793135	6		15.4	17.1	1.26	2.2	2.2	31.5	11	12.0	6.9	69	18.18	580	3.60	0.03	67.3	7.66
83D03	2005	1453	11	330732	5771763	6		12.9	11.1	1.33	1.3	1.4	29.5	2	7.8	3.3	100	11.05	450	15.20	0.02	19.4	7.06
83D06	2005	1454	11	333910	5796010	6		20.2	17.8	1.14	2.8	2.8	42.8	4	10.0	7.6	75	18.01	500	4.20	0.03	27.4	6.37
83D06	2005	1455	11	333330	5796776	6		10.7	12.7	1.32	1.6	1.3	22.1	2	5.6	4.4	60	20.03	300	1.70	0.04	38.8	7.60
83D06	2005	1456	11	336570	5794601	6		16.0	15.5	1.34	1.7	2.0	31.3	9	8.1	6.0	75	17.52	450	3.40	0.04	84.4	7.80
83D06	2005	1457	11	334595	5795328	6		13.0	16.7	1.16	1.7	1.8	25.5	4	7.0	5.3	85	17.20	490	4.50	0.02	38.8	7.07
83D06	2005	1458	11	333606	5796867	6		8.1	11.0	1.83	2.0	1.1	17.0	3	13.0	2.6	62	15.42	430	3.50	0.03	19.4	6.61
83D11	2005	1459	11	357503	5819860	6		19.6	27.5	2.18	6.5	2.3	15.0	<3	7.4	6.8	160	15.99	1290	6.70	0.03	59.3	7.19
83D06	2005	1460	11	357940	5817850	6		32.7	28.1	1.81	7.0	3.6	56.8	5	15.0	11.0	92	17.98	760	5.70	0.14	38.2	7.20
83D06	2005	1462	11	358277	5817082	6	10	21.4	19.3	2.18	5.2	2.6	36.4	4	8.7	8.0	92	16.99	990	2.30	0.49	66.1	7.09
83D06	2005	1463	11	358277	5817082	6	20	22.1	19.4	2.26	4.2	2.9	36.4	<2	8.9	8.2	75	18.90	690	2.10	0.51	66.1	7.30
83D06	2005	1464	11	358437	5817332	6		27.9	26.4	1.96	6.0	3.2	49.1	5	11.0	10.0	<50	24.65	430	1.00	0.23	60.4	7.15
83D06	2005	1465	11	352507	5802774	6		40.2	16.9	1.29	1.6	4.4	95.0	<3	20.0	10.0	<50	16.52	340	3.80	0.05	34.2	6.13
83D06	2005	1466	11	351985	5798548	6		48.7	18.4	1.53	3.3	5.2	111.0	<4	23.0	14.0	97	16.12	360	4.63	0.04	34.2	6.39
83D06	2005	1467	11	352052	5795281	6		23.3	20.2	1.79	3.1	2.6	50.4	<3	8.9	8.1	55	18.05	340	5.70	0.04	37.6	7.03
83D06	2005	1468	11	355343	5796814	6		61.2	18.2	1.36	<1.0	7.0	142.0	<4	29.0	14.0	110	13.73	380	5.20	0.03	26.2	6.18
83D06	2005	1469	11	356406	5795990	6		25.8	15.2	1.14	0.8	2.9	60.1	<3	12.0	7.7	77	9.88	480	15.50	0.02	22.8	6.45
83D06	2005	1470	11	356491	5795742	6		35.7	16.2	1.18	2.9	4.1	83.1	6	16.0	8.5	68	12.15	360	5.10	0.02	28.5	6.33
83D06	2005	1471	11	359868	5792882	6		21.8	14.2	1.47	1.7	2.5	47.8	<2	10.0	7.5	62	14.92	380	4.80	0.03	34.2	6.37
83D03	2005	1472	11	358298	5763080	6		14.9	12.4	1.94	1.4	1.7	36.7	2	10.0	4.8	52	17.85	230	2.90	0.03	21.7	5.76
83D03	2005	1473	11	356996	5766187	6		17.2	15.6	1.09	1.3	2.0	37.4	<2	13.0	5.0	95	9.34	480	17.20	0.03	46.7	7.12
83D02	2005	1474	11	364067	5769450	6		14.8	14.2	1.72	1.4	2.1	30.8	<1	8.5	6.5	<50	22.62	340	1.20	0.03	66.1	7.34
83D07	2005	1476	11	367375	5794025	6		11.5	25.4	1.94	1.8	1.9	20.4	3	4.3	5.7	57	15.31	340	35.30	<0.02	56.1	8.15
83D07	2005	1477	11	372629	5795687	6		17.7	11.4	1.07	1.1	2.7	31.5	<2	9.3	7.2	<50	10.20	650	18.10	<0.02	20.7	5.85
83D07	2005	1478	11	372844	5795590	6		23.0	12.3	1.30	3.7	3.3	44.1	4	10.0	10.0	53	16.60	340	2.80	<0.02	32.9	6.22
83D03	2005	1479	11	361708	5768974	6		19.8	18.7	1.41	1.9	2.8	39.3	<2	7.9	7.5	61	18.99	360	2.40	0.04	65.0	6.80
83D03	2005	1480	11	352847	5764324	6		10.8	9.1	1.73	1.6	1.2	23.6	3	13.0	3.7	61	15.66	360	5.30	0.04	39.9	6.84
83D07	2005	1482	11	367927	5799422	6		28.1	13.6	1.26	2.8	3.3	59.6	<3	13.0	10.0	75	14.90	320	2.70	<0.02	29.3	5.40
83D07	2005	1483	11	368042	5799387	6	10	19.5	14.3	1.66	2.1	2.4	39.1	<3	7.7	6.7	53	17.60	280	1.40	<0.02	108.0	5.43
83D07	2005	1484	11	368042	5799387	6	20	17.6	14.9	1.63	2.8	2.4	34.9	<3	7.5	5.9	63	15.79	280	1.00	<0.02	107.0	5.81
83D03	2005	1485	11	356150	5769014	6		33.0	14.3	1.58	2.5	4.1	77.3	5	26.0	10.0	67	20.95	300	3.40	<0.02	342.0	7.20
83D03	2005	1487	11	356682	5769794	6		20.5	17.0	1.18	1.6	3.1	40.7	<2	7.9	8.7	53	23.81	280	2.10	<0.02	35.4	6.84
83D03	2005	1488	11	356486	5769915	6		27.7	21.0	1.29	1.8	3.8	55.8	4	11.0	10.0	57	17.77	360	4.60	<0.02	34.2	6.99
83D03	2005	1489	11	360934	5768096	6		21.6	16.5	1.66	1.4	2.8	46.8	4	12.0	6.9	63	18.52	360	2.30	<0.02	75.6	7.54
83D02	2005	1490	11	363727	5768607	6		12.1	16.0	2.05	1.0	1.7	22.7	<1	6.7	5.7	59	19.75	220	1.20	<0.02	342.0	6.95

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
83D02	2005	1491	11	365625	5768407	6		<0.1	<0.5	480	<0.5	2	160	3	53	8	1.6	<2	15	2.34	86.6	0.73	<4	56	100
83D02	2005	1492	11	367833	5769050	6		<0.1	<1.2	280	1.3	6	140	3	95	28	2.6	<2	10	7.00	83.4	0.68	<3	59	51
83D02	2005	1493	11	369576	5769764	6		<0.1	<1.0	550	<1.0	2	170	5	120	18	2.3	<2	12	4.95	96.4	0.59	<3	64	130
83D02	2005	1494	11	370143	5769114	6		<0.1	<1.4	300	4.7	5	300	4	110	20	4.0	<5	17	5.66	168.0	1.40	<6	97	60
83D02	2005	1495	11	379370	5769632	6		<0.1	<1.4	220	2.2	5	160	2	75	29	3.6	<5	8	8.76	84.0	1.00	<4	68	35
83D02	2005	1496	11	377922	5770326	6		<0.1	<1.2	570	1.3	3	220	4	120	18	2.4	<2	9	4.93	121.0	1.10	<3	76	82
83D02	2005	1497	11	377912	5770032	6		<0.1	1.9	510	1.1	3	200	3	80	14	2.4	<2	14	3.90	108.0	1.20	<4	70	74
83D02	2005	1498	11	379160	5769228	6		<0.1	<1.2	330	1.7	4	130	9	140	27	2.1	<2	10	6.06	70.3	0.82	<3	48	88
83D02	2005	1499	11	381610	5768391	6		<0.1	6.6	350	4.1	3	260	7	65	17	3.0	<5	10	4.48	136.0	1.40	<6	100	76
83D02	2005	1500	11	382076	5767682	6		<0.1	<1.7	260	2.0	5	338	3	90	25	4.5	<6	13	8.18	182.0	1.80	<7	120	34
83D01	2005	1502	11	412933	5766665	6		<0.1	<1.2	550	11.0	1	230	4	83	33	2.7	<2	13	4.11	128.0	0.64	<3	85	80
83D01	2005	1503	11	426925	5761839	6		0.4	7.1	560	29.0	<1	120	4	77	17	1.7	<2	12	3.58	59.1	0.47	<3	43	120
83D01	2005	1504	11	428713	5762399	6		0.2	17.0	700	<1.2	<1	210	3	94	19	2.9	<4	17	4.58	119.0	0.68	<3	82	130
83D01	2005	1505	11	428753	5762236	6		0.4	10.0	720	8.5	2	130	5	89	18	1.5	<4	9	4.08	64.7	0.44	<3	49	140
83D12	2005	1506	11	349805	5855515	6	10	<0.1	4.9	490	3.7	<1	200	3	73	12	2.9	<5	18	4.12	143.0	0.80	<4	97	95
83D12	2005	1507	11	349805	5855515	6	20	0.2	4.5	460	3.2	<1	210	2	71	10	2.9	<4	21	4.03	141.0	0.85	<4	91	88
83D11	2005	2002	11	358689	5846010	6		<0.1	3.1	260	0.6	<1	270	2	55	21	3.1	<2	14	4.20	160.0	0.78	<3	120	70
83D11	2005	2003	11	361774	5841746	6	10	<0.1	0.6	630	<0.5	<1	93	5	89	12	1.0	<2	5	4.27	51.3	0.36	<3	41	170
83D11	2005	2004	11	361774	5841746	6	20	<0.1	1.1	660	<0.5	<1	140	5	83	13	1.7	<2	7	4.19	75.6	0.44	<3	60	150
83D11	2005	2006	11	363146	5839818	6		<0.1	0.7	460	<0.5	<1	180	3	65	10	2.1	<2	9	3.41	90.6	0.48	<3	75	100
83D10	2005	2007	11	372594	5830539	6		<0.1	<0.5	400	2.7	<1	469	4	100	9	4.0	<5	19	6.38	239.0	0.93	<5	190	96
83D11	2005	2008	11	333969	5843703	6		<0.1	<0.5	790	0.7	1	190	5	120	21	2.2	<2	11	4.60	98.1	0.65	<3	78	110
83D11	2005	2009	11	337306	5844528	6		<0.1	<0.5	370	<0.5	<1	250	4	74	11	3.0	<2	15	3.73	123.0	0.69	<3	100	110
83D07	2005	2010	11	390564	5808900	6		<0.1	<0.5	710	21.0	<1	140	4	77	15	1.4	<2	9	3.21	78.5	0.33	<5	70	120
83D07	2005	2011	11	389645	5810410	6		<0.1	<0.5	1200	2.7	<1	170	5	120	16	2.0	<2	8	3.02	84.4	0.29	<4	75	220
83D07	2005	2012	11	388477	5811881	1		0.2	1.3	630	5.0	1	160	3	76	14	1.9	<2	11	3.73	80.9	0.55	<4	68	120
83D07	2005	2013	11	397688	5807559	6		0.2	5.1	200	<0.5	<1	180	2	36	9	2.1	<2	32	2.74	93.1	0.76	<3	72	34
83D08	2005	2014	11	399082	5808061	6		<0.1	4.6	290	11.0	<1	180	2	37	7	1.9	<2	19	2.89	91.0	0.56	<3	73	61
83D08	2005	2015	11	400165	5807610	6		<0.1	1.0	360	1.0	1	300	1	64	14	3.0	<2	34	3.57	145.0	0.88	<4	120	70
83D07	2005	2016	11	393503	5805341	6		<0.1	5.9	670	5.3	<1	110	2	79	16	1.6	275	10	3.04	54.4	0.42	<3	54	120
83D07	2005	2017	11	394696	5805489	6		0.1	1.4	530	4.6	<1	130	1	56	8	1.5	<2	14	1.86	58.7	0.41	<3	50	94
83D07	2005	2018	11	397259	5806730	6		0.2	2.1	530	2.2	3	250	3	79	20	2.6	<2	19	5.01	131.0	0.70	<4	110	83
83D08	2005	2019	11	402450	5808586	6		<0.1	2.4	440	1.0	<1	270	3	67	13	2.7	16	31	4.74	137.0	0.94	<4	110	94
83D08	2005	2020	11	402561	5810648	6		0.3	3.9	530	1.4	<1	200	4	79	13	2.1	<2	14	4.68	109.0	0.62	<3	91	100
83D08	2005	2022	11	402352	5808364	6		0.3	8.9	350	<0.5	<1	436	3	81	12	4.3	<5	56	3.84	218.0	1.40	<5	170	84
83D07	2005	2023	11	386535	5811966	1		<0.1	<1.1	740	5.7	2	160	2	100	19	2.4	<4	11	4.94	78.0	0.63	6	74	140
83D07	2005	2024	11	382907	5812631	6		<0.1	1.0	470	2.4	2	240	<1	61	9	2.5	<2	16	3.30	119.0	0.75	<3	100	68
83D07	2005	2025	11	380476	5816421	6		<0.1	<1.0	440	8.9	2	270	2	94	14	2.7	<4	24	4.73	135.0	1.10	<4	110	96
83D10	2005	2026	11	378660	5819822	6		<0.1	1.0	510	10.0	<1	160	3	71	11	1.6	<2	10	3.77	85.0	0.51	<4	72	98
83D10	2005	2027	11	376462	5822791	6		<0.1	1.7	510	8.4	1	190	3	71	10	2.4	<2	12	4.19	105.0	0.66	<3	88	86

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
83D02	2005	1491	11	365625	5768407	6		13.5	10.6	2.17	1.1	1.7	29.7	2	7.9	5.3	<50	19.71	180	1.40	<0.02	40.3	6.83
83D02	2005	1492	11	367833	5769050	6		14.0	26.5	1.28	2.0	2.0	23.7	<3	5.5	4.9	78	21.24	270	4.40	<0.02	134.0	8.06
83D02	2005	1493	11	369576	5769764	6		14.3	16.0	1.23	1.4	2.0	31.3	<2	7.1	4.2	77	16.01	430	2.50	<0.02	70.8	7.19
83D02	2005	1494	11	370143	5769114	6		28.8	22.9	1.25	3.8	3.6	56.0	<3	17.0	10.0	70	18.77	480	3.70	<0.02	53.7	7.02
83D02	2005	1495	11	379370	5769632	6		18.5	30.0	1.55	3.1	3.0	23.9	<3	5.1	7.1	78	17.70	340	5.40	<0.02	47.6	7.30
83D02	2005	1496	11	377922	5770326	6		20.3	22.0	1.79	1.4	3.0	41.2	<3	7.1	7.7	58	21.82	300	2.60	<0.02	207.0	6.37
83D02	2005	1497	11	377912	5770032	6		18.4	16.5	1.65	1.3	2.8	37.2	<2	7.3	8.1	55	19.99	220	1.50	<0.02	57.3	6.95
83D02	2005	1498	11	379160	5769228	6		12.4	26.3	1.26	2.2	2.1	22.8	3	5.6	5.8	88	20.41	330	3.50	<0.02	47.6	7.30
83D02	2005	1499	11	381610	5768391	6		25.3	17.6	1.58	1.7	3.8	46.5	7	13.0	10.0	78	13.89	420	6.30	<0.02	32.9	7.00
83D02	2005	1500	11	382076	5767682	6		34.4	28.3	1.52	3.9	5.1	58.8	<4	14.0	13.0	85	19.80	320	4.00	<0.02	51.2	7.62
83D01	2005	1502	11	412933	5766665	6		18.1	12.6	0.89	2.4	2.2	38.2	<3	8.3	4.5	110	12.94	480	11.10	<0.02	40.3	6.71
83D01	2005	1503	11	426925	5761839	6		8.9	12.0	0.46	0.8	0.9	18.0	<2	4.0	3.3	<50	9.99	620	12.80	<0.02	232.0	7.95
83D01	2005	1504	11	428713	5762399	6		15.8	13.7	0.71	1.6	2.0	30.3	3	6.3	4.6	73	16.47	300	4.70	<0.02	80.5	7.44
83D01	2005	1505	11	428753	5762236	6		9.4	14.0	0.47	0.8	0.9	19.0	<3	3.8	3.2	60	9.74	630	12.30	<0.02	120.0	7.99
83D12	2005	1506	11	349805	5855515	6	10	17.4	13.9	1.00	3.1	1.9	26.5	<3	5.1	5.6	87	14.32	390	5.10	0.11	220.0	7.74
83D12	2005	1507	11	349805	5855515	6	20	17.5	13.5	0.90	2.9	2.2	27.6	<3	5.0	5.8	80	16.41	320	4.20	0.12	220.0	7.83
83D11	2005	2002	11	358689	5846010	6		19.3	11.4	0.73	3.3	1.6	21.0	3	4.5	5.1	<50	12.43	270	2.24	0.46	147.0	7.61
83D11	2005	2003	11	361774	5841746	6	10	6.9	15.4	1.00	1.8	0.8	13.0	4	3.3	2.3	85	12.81	405	3.39	0.28	81.0	7.42
83D11	2005	2004	11	361774	5841746	6	20	10.0	14.4	1.00	2.6	1.1	18.0	3	4.2	2.8	89	11.47	375	3.55	0.27	115.0	7.39
83D11	2005	2006	11	363146	5839818	6		12.1	10.5	1.36	2.0	1.1	25.4	3	5.4	3.0	<50	13.35	435	1.86	0.25	101.0	7.26
83D10	2005	2007	11	372594	5830539	6		32.2	20.6	0.67	11.0	2.7	72.2	7	11.0	5.6	82	14.18	420	4.16	0.25	45.0	6.65
83D11	2005	2008	11	333969	5843703	6		13.2	16.5	1.25	2.7	1.7	24.7	3	5.9	4.0	56	11.06	630	3.36	0.07	34.5	6.75
83D11	2005	2009	11	337306	5844528	6		18.7	12.8	1.04	4.1	2.1	38.6	4	7.9	4.2	<50	12.95	420	1.64	0.27	58.0	5.65
83D07	2005	2010	11	390564	5808900	6		10.4	9.4	1.07	2.0	1.0	18.0	<1	12.0	2.0	57	10.00	585	7.60	0.05	101.0	7.64
83D07	2005	2011	11	389645	5810410	6		11.1	12.9	1.10	1.3	0.9	23.6	3	6.3	1.8	<50	7.41	435	4.97	0.12	101.0	7.31
83D07	2005	2012	11	388477	5811881	1		11.3	13.5	1.37	1.6	1.2	20.3	2	11.0	3.4	55	13.12	1035	7.96	ns	ns	ns
83D07	2005	2013	11	397688	5807559	6		12.2	5.7	1.06	4.0	1.3	20.7	<1	5.2	4.5	<50	18.32	150	1.38	0.40	184.0	7.41
83D08	2005	2014	11	399082	5808061	6		11.4	5.9	1.12	3.3	1.0	21.9	<1	6.1	3.4	<50	12.05	255	5.98	0.26	184.0	8.15
83D08	2005	2015	11	400165	5807610	6		19.6	9.1	0.38	2.8	2.0	39.6	2	8.1	5.6	<50	16.42	255	3.76	<0.02	167.0	7.79
83D07	2005	2016	11	393503	5805341	6		8.3	11.7	0.44	1.4	1.0	17.0	2	5.1	2.5	<50	11.21	525	4.94	0.12	141.0	7.87
83D07	2005	2017	11	394696	5805489	6		8.2	7.6	0.21	1.6	0.8	18.0	<1	4.3	2.5	<50	13.25	270	2.17	<0.02	182.0	7.98
83D07	2005	2018	11	397259	5806730	6		17.0	13.0	0.80	3.8	1.8	29.8	3	7.3	4.4	<50	16.04	285	3.26	0.09	217.0	8.05
83D08	2005	2019	11	402450	5808586	6		17.8	10.4	0.81	5.3	1.7	32.2	3	7.4	5.7	<50	13.36	240	2.26	<0.02	131.0	7.76
83D08	2005	2020	11	402561	5810648	6		14.4	10.8	1.06	3.1	1.4	25.2	<1	5.7	3.9	54	12.47	225	3.55	0.02	89.0	7.47
83D08	2005	2022	11	402352	5808364	6		28.9	10.3	1.00	2.9	2.8	37.1	3	11.0	8.5	<50	18.29	120	2.39	<0.02	85.0	7.48
83D07	2005	2023	11	386535	5811966	1		12.2	21.5	1.36	1.5	1.7	21.0	3	8.3	4.0	66	11.01	930	8.85	ns	ns	ns
83D07	2005	2024	11	382907	5812631	6		15.5	13.8	1.67	3.3	1.8	20.5	3	4.3	4.6	<50	14.97	495	3.72	0.45	202.0	7.95
83D07	2005	2025	11	380476	5816421	6		19.6	19.2	1.37	5.8	2.2	28.6	5	7.3	6.9	68	11.40	600	4.97	0.50	263.0	8.16
83D10	2005	2026	11	378660	5819822	6		11.3	12.5	1.00	2.2	0.9	21.1	2	6.2	3.2	59	10.59	615	11.51	0.35	162.0	7.88
83D10	2005	2027	11	376462	5822791	6		14.4	15.0	1.10	2.9	1.3	25.4	2	6.7	4.0	<50	11.81	600	9.62	0.27	172.0	7.89

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
83D11	2005	2028	11	338018	5845002	6		<0.1	1.0	110	2.4	1	393	2	80	9	3.6	<4	25	5.47	196.0	1.40	<5	150	55
83D11	2005	2029	11	340266	5845826	6	10	0.2	<1.1	200	4.3	<1	456	3	81	11	3.8	<5	17	5.58	231.0	1.30	<6	180	55
83D11	2005	2030	11	340266	5845826	6	20	<0.1	<1.1	150	5.0	1	489	2	82	11	4.5	<5	19	5.60	251.0	1.30	<7	190	50
83D14	2005	2031	11	332752	5859085	6		<0.1	<1.6	360	<1.5	<1	749	4	96	14	6.7	22	39	6.75	373.0	1.90	<10	300	65
83D14	2005	2033	11	333043	5859557	6		<0.1	1.5	310	6.2	2	306	3	88	14	2.8	<4	21	5.13	153.0	1.10	<5	120	68
83D14	2005	2034	11	335966	5858192	6		<0.1	<1.7	280	<1.5	<1	841	2	130	14	6.9	<8	35	8.32	425.0	1.90	<10	330	66
83D14	2005	2035	11	337099	5857808	6		<0.1	<0.5	460	12.0	2	210	6	71	17	2.5	<2	11	4.46	106.0	0.75	<4	87	84
83D14	2005	2036	11	339411	5856545	6		<0.1	1.2	400	6.3	2	270	4	73	43	2.8	<4	17	5.11	132.0	1.00	<5	110	73
83D14	2005	2037	11	340836	5853856	6		<0.1	<1.3	630	<1.2	1	412	5	130	17	4.1	<5	25	5.93	205.0	1.00	<6	160	120
83D07	2005	2038	11	384043	5804377	6		<0.1	<0.5	240	0.9	3	370	3	71	15	4.0	<4	16	3.60	180.0	1.40	<5	150	56
83D07	2005	2039	11	381302	5810324	6		<0.1	<1.4	300	<1.2	2	602	2	100	15	5.7	<6	26	6.82	303.0	1.60	<8	240	57
83D07	2005	2040	11	379207	5814483	6		<0.1	<1.4	560	1.2	2	584	3	120	16	5.3	<6	16	5.99	292.0	1.00	<7	230	110
83D07	2005	2042	11	377707	5817002	6	10	<0.1	2.2	310	23.0	2	367	2	81	14	3.8	<5	17	5.89	184.0	1.10	<9	160	72
83D07	2005	2043	11	377707	5817002	6	20	<0.1	2.5	350	23.0	3	352	3	85	15	3.6	<5	16	6.24	177.0	1.10	<9	160	81
83D07	2005	2044	11	376551	5818174	6		<0.1	2.3	460	12.0	<1	308	3	100	17	3.0	<5	15	5.97	155.0	0.94	<11	130	110
83D10	2005	2045	11	375478	5820083	6		<0.1	<1.3	520	9.0	2	230	4	90	21	2.5	<5	11	5.90	111.0	0.87	<8	99	150
83D10	2005	2046	11	374824	5821026	6		<0.2	1.8	490	7.5	2	230	3	72	15	2.4	<5	11	4.95	112.0	0.72	<4	98	96
83D10	2005	2047	11	372165	5825444	6		<0.1	<1.1	460	6.5	3	260	2	78	17	3.6	<4	19	6.19	123.0	1.10	<5	110	73
83D12	2005	2048	11	321150	5832579	6		<0.1	<0.5	550	5.9	<1	84	4	100	13	1.1	<2	9	3.69	41.0	0.40	<3	36	98
83D12	2005	2049	11	322574	5831386	6		0.2	1.8	470	1.6	<1	110	3	81	13	1.3	<2	11	3.96	54.6	0.47	<3	47	77
83D12	2005	2050	11	325053	5828962	6		<0.1	1.8	380	<0.5	<1	110	2	96	14	1.4	<2	12	4.55	54.7	0.51	<2	46	70
83D12	2005	2051	11	320416	5834843	6		<0.1	1.2	270	0.7	<1	130	2	45	9	1.6	4	12	2.69	63.5	0.52	<2	53	48
83D12	2005	2052	11	325651	5831478	6		<0.1	1.0	400	<0.5	<1	170	2	57	14	2.0	<2	18	3.09	79.9	0.74	<3	70	72
83D12	2005	2054	11	325891	5831690	6		<0.1	<0.5	680	<0.5	<1	100	4	87	13	1.3	<2	8	2.91	49.0	0.33	<3	43	120
83D12	2005	2055	11	326400	5831175	6		<0.1	0.6	280	2.9	<1	73	2	41	8	0.9	<2	9	2.17	35.0	0.33	<1	31	46
83D12	2005	2056	11	327760	5828481	6		<0.1	0.9	290	2.5	<1	70	2	43	9	0.8	<2	10	2.48	36.0	0.34	<1	29	57
83D12	2005	2057	11	328934	5827731	6		<0.1	<0.5	340	3.8	<1	93	3	56	11	1.1	<2	9	2.98	47.0	0.40	<2	39	75
83D12	2005	2058	11	328619	5828050	6		<0.1	<0.5	480	1.7	<1	150	4	75	15	1.9	<2	17	3.48	73.1	0.58	<3	63	98
83D12	2005	2059	11	330181	5825005	6		<0.1	<0.5	180	3.8	<1	99	2	47	10	1.5	<2	9	2.77	50.0	0.40	<2	49	42
83D03	2005	2060	11	336006	5764649	6		<0.1	0.8	980	4.4	2	91	2	24	6	0.9	<2	8	1.81	45.0	0.31	<3	38	91
83D03	2005	2062	11	339895	5764692	6		0.2	1.6	730	<0.5	2	180	2	46	8	1.7	<2	13	2.29	92.5	0.58	<4	70	99
83D03	2005	2063	11	339990	5766390	6		<0.1	<0.5	910	13.0	2	130	3	41	8	1.7	<2	7	2.43	70.6	0.40	<4	59	84
83D03	2005	2064	11	340769	5770768	6		0.2	1.3	690	0.7	1	110	3	77	11	1.3	<2	10	2.99	52.3	0.51	<3	45	76
83D03	2005	2065	11	343902	5772841	6		<0.1	<1.1	840	3.4	<1	230	6	94	12	2.0	<2	12	3.48	120.0	0.71	<6	95	140
83D03	2005	2066	11	345356	5776016	6		<0.1	<0.5	690	1.5	2	140	3	97	11	1.6	<2	11	2.65	69.9	0.68	<4	59	74
83D03	2005	2067	11	349897	5775733	6		<0.1	<1.2	610	7.6	1	200	6	80	12	1.9	<4	9	3.31	100.0	0.76	<6	83	100
83D03	2005	2068	11	348967	5776006	6		<0.1	<1.3	610	13.0	2	200	4	100	15	1.9	<4	9	3.59	97.0	0.82	<5	87	100
83D03	2005	2069	11	348477	5776101	6		<0.1	<1.5	650	9.3	2	240	4	120	13	2.3	<5	11	4.12	122.0	1.20	8	100	96
83D03	2005	2070	11	334239	5783116	6		<0.1	<1.1	830	2.8	3	180	4	120	15	2.1	<2	12	3.69	89.6	0.64	<4	76	71
83D03	2005	2071	11	334770	5779879	6		<0.1	<0.5	1100	5.8	1	120	5	67	12	1.1	<2	9	2.60	58.0	0.54	<5	49	99

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
83D11	2005	2028	11	338018	5845002	6		27.8	20.0	0.93	6.7	3.4	63.5	6	13.0	8.2	<50	16.83	270	3.26	0.40	66.7	7.15
83D11	2005	2029	11	340266	5845826	6	10	32.1	19.9	1.03	5.9	3.4	72.3	5	14.0	7.9	<50	15.34	315	4.15	0.14	42.4	6.82
83D11	2005	2030	11	340266	5845826	6	20	35.0	19.8	1.01	6.8	3.4	79.0	5	15.0	8.1	<50	16.96	345	4.08	0.13	39.4	6.84
83D14	2005	2031	11	332752	5859085	6		53.9	22.2	0.92	7.5	5.1	121.0	7	25.0	12.0	<50	10.13	435	2.07	0.16	56.6	6.05
83D14	2005	2033	11	333043	5859557	6		20.9	16.2	1.17	6.1	2.1	45.0	<2	10.0	6.7	58	13.77	675	7.03	0.03	66.7	7.50
83D14	2005	2034	11	335966	5858192	6		61.1	28.7	0.86	7.9	6.1	137.0	6	28.0	12.0	<50	16.99	390	1.70	0.03	74.7	6.60
83D14	2005	2035	11	337099	5857808	6		15.3	13.9	1.02	2.0	2.0	29.4	6	10.0	4.4	63	11.71	900	9.30	0.05	90.9	7.11
83D14	2005	2036	11	339411	5856545	6		19.0	17.1	0.93	3.7	1.8	34.9	4	11.0	6.4	87	13.48	585	5.70	0.03	72.7	6.37
83D14	2005	2037	11	340836	5853856	6		30.2	21.1	1.02	3.7	3.4	61.5	3	13.0	6.5	<50	10.57	540	3.60	0.04	68.7	6.30
83D07	2005	2038	11	384043	5804377	6		28.8	11.8	1.41	4.7	4.0	56.7	2	12.0	9.1	<50	19.41	255	1.40	0.04	90.9	6.90
83D07	2005	2039	11	381302	5810324	6		43.3	23.4	1.25	8.3	4.1	89.6	5	19.0	10.0	<50	18.40	330	1.20	0.18	121.0	7.37
83D07	2005	2040	11	379207	5814483	6		41.2	21.4	1.14	3.6	3.5	88.0	5	15.0	6.2	<50	16.83	540	2.80	0.32	111.0	7.33
83D07	2005	2042	11	377707	5817002	6	10	26.5	20.8	1.27	4.5	2.8	45.5	<3	26.0	6.9	94	12.01	765	8.30	0.53	111.0	7.73
83D07	2005	2043	11	377707	5817002	6	20	25.5	21.9	1.28	4.5	2.6	44.0	5	24.0	7.0	69	11.96	780	7.90	0.53	121.0	7.58
83D07	2005	2044	11	376551	5818174	6		22.4	20.3	1.18	3.9	2.1	39.5	<3	33.0	6.0	100	11.66	930	7.50	0.29	90.9	7.47
83D10	2005	2045	11	375478	5820083	6		16.8	20.0	1.58	3.0	1.8	24.7	4	19.0	5.6	130	12.41	1185	7.00	0.28	91.9	7.20
83D10	2005	2046	11	374824	5821026	6		16.8	16.8	1.01	3.2	2.0	29.2	4	8.1	4.4	91	14.06	630	7.00	0.16	88.9	7.25
83D10	2005	2047	11	372165	5825444	6		20.5	23.8	1.42	5.1	2.7	26.8	<2	12.0	7.2	90	16.93	750	6.30	0.47	88.9	7.30
83D12	2005	2048	11	321150	5832579	6		6.1	11.3	0.80	1.0	0.6	13.0	<1	5.5	2.5	55	10.37	390	6.00	<0.02	52.5	7.05
83D12	2005	2049	11	322574	5831386	6		7.7	10.5	0.77	2.1	1.1	15.0	2	3.9	2.8	<50	15.80	345	2.90	<0.02	80.8	7.40
83D12	2005	2050	11	325053	5828962	6		7.6	13.0	0.84	2.5	0.9	14.0	3	3.4	3.0	<50	16.41	360	2.60	<0.02	80.8	7.15
83D12	2005	2051	11	320416	5834843	6		9.4	8.0	0.83	2.1	1.1	17.0	2	4.2	3.3	<50	18.26	300	1.50	0.11	80.8	6.86
83D12	2005	2052	11	325651	5831478	6		12.4	10.0	0.91	2.6	1.4	23.8	3	5.6	4.6	<50	17.75	390	1.80	<0.02	76.8	7.30
83D12	2005	2054	11	325891	5831690	6		7.6	11.9	1.00	1.1	1.0	16.0	3	3.2	2.1	<50	13.76	450	2.90	<0.02	68.7	6.94
83D12	2005	2055	11	326400	5831175	6		5.2	5.5	0.66	0.9	<0.5	10.0	<1	3.1	1.9	<50	18.41	390	3.10	<0.02	76.8	7.27
83D12	2005	2056	11	327760	5828481	6		4.9	6.2	0.58	1.0	0.5	8.6	2	2.6	2.0	<50	15.21	255	3.80	0.03	88.9	7.43
83D12	2005	2057	11	328934	5827731	6		6.4	8.1	0.54	1.6	0.8	11.0	2	3.9	2.4	<50	14.49	300	4.10	0.07	131.0	7.35
83D12	2005	2058	11	328619	5828050	6		10.9	11.1	0.80	3.0	1.2	19.0	4	5.1	3.6	<50	11.38	615	3.30	<0.02	106.0	7.22
83D12	2005	2059	11	330181	5825005	6		7.9	8.5	0.89	2.2	1.1	11.0	<1	3.7	2.6	<50	16.62	720	5.90	0.03	187.0	7.63
83D03	2005	2060	11	336006	5764649	6		6.4	8.2	2.06	1.3	0.8	15.0	<1	4.1	1.9	<50	14.88	480	7.20	0.03	32.8	6.63
83D03	2005	2062	11	339895	5764692	6		12.0	11.9	1.99	2.6	1.7	29.8	3	7.9	3.5	<50	19.70	465	1.60	0.03	53.5	7.42
83D03	2005	2063	11	339990	5766390	6		10.6	8.9	1.71	1.4	1.1	22.5	4	6.0	2.4	<50	11.38	585	10.80	0.03	74.7	7.32
83D03	2005	2064	11	340769	5770768	6		7.7	10.6	1.68	1.7	0.7	16.0	<1	6.5	3.1	<50	15.34	435	3.40	0.02	116.0	7.59
83D03	2005	2065	11	343902	5772841	6		15.8	13.0	1.51	3.5	1.7	35.3	4	13.0	4.5	78	16.91	600	3.60	0.07	74.7	7.36
83D03	2005	2066	11	345356	5776016	6		10.6	10.5	1.65	1.8	1.4	20.3	3	5.9	4.2	<50	17.73	405	3.50	0.05	98.9	7.28
83D03	2005	2067	11	349897	5775733	6		14.9	12.9	1.40	1.8	1.7	31.8	<3	15.0	4.7	<50	12.96	675	8.40	0.02	111.0	7.17
83D03	2005	2068	11	348967	5776006	6		14.6	13.1	1.33	2.5	1.4	30.4	<3	13.0	5.1	<50	12.74	480	12.00	0.06	111.0	7.46
83D03	2005	2069	11	348477	5776101	6		18.2	16.5	1.44	3.3	2.4	37.2	<3	16.0	7.2	<50	13.39	690	8.10	0.03	72.7	6.88
83D03	2005	2070	11	334239	5783116	6		12.8	17.4	1.68	2.0	1.4	26.0	5	7.5	3.8	<50	16.58	525	4.50	0.03	86.9	7.30
83D03	2005	2071	11	334770	5779879	6		8.1	10.6	1.89	1.5	1.0	19.0	3	13.0	3.3	60	14.52	435	5.80	0.05	121.0	7.42

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
83D03	2005	2072	11	338506	5775548	6		<0.1	<1.0	700	2.4	3	100	5	230	26	1.7	<2	6	6.35	51.9	0.53	<3	48	70
83D03	2005	2073	11	340310	5776957	6		<0.1	<1.2	720	7.7	1	130	6	60	11	1.3	<2	8	2.96	64.6	0.56	<5	58	100
83D03	2005	2075	11	341037	5778197	6	10	<0.1	1.8	650	1.8	3	220	3	62	8	2.2	<2	13	2.83	109.0	0.90	<4	93	65
83D03	2005	2076	11	341037	5778197	6	20	<0.1	<1.0	680	1.7	2	200	4	67	9	1.6	<2	12	2.76	101.0	0.78	<4	86	81
83D03	2005	2077	11	338685	5772247	6		<0.1	<0.5	780	3.2	<1	94	4	41	7	1.0	<2	6	1.93	49.0	0.35	<3	42	130
83D03	2005	2078	11	329103	5769986	6		<0.1	<1.4	1400	17.0	1	220	3	83	17	2.9	<4	10	3.85	120.0	0.61	<4	100	61
83D03	2005	2079	11	332269	5771462	6		<0.1	<1.1	1000	5.2	<1	260	2	46	7	1.5	<2	11	2.11	130.0	0.54	5	110	68
83D03	2005	2080	11	333507	5771735	6		<0.1	<0.5	740	3.7	<1	140	1	27	4	1.2	<2	8	1.54	73.1	0.47	<4	63	77
83D03	2005	2082	11	335711	5772806	6		<0.1	<0.5	720	4.6	1	130	2	31	7	1.2	<2	9	2.13	64.2	0.47	<4	53	92
83D06	2005	2083	11	334583	5795740	6		<0.1	<0.5	340	4.2	2	83	9	57	9	1.0	<2	7	2.54	41.0	0.51	<16	41	130
83D06	2005	2084	11	336740	5794905	6		<0.1	1.9	360	1.4	7	200	7	84	13	2.6	<2	7	3.83	96.6	0.81	<4	87	90
83D06	2005	2085	11	340455	5793154	6		<0.1	<1.1	370	4.2	2	140	5	67	13	2.3	<2	13	3.78	71.0	0.78	<4	62	64
83D06	2005	2086	11	342068	5792369	6		<0.1	<1.0	240	<0.5	2	110	3	55	9	1.7	<2	11	3.81	54.3	0.93	<3	46	58
83D06	2005	2087	11	343792	5791729	6	10	<0.2	3.0	370	3.5	2	140	5	71	12	1.9	<4	13	4.48	64.5	1.00	<5	58	63
83D06	2005	2088	11	343792	5791729	6	20	<0.1	<1.3	360	3.7	1	120	6	78	13	1.6	<2	11	4.56	56.2	0.90	<5	52	81
83D07	2005	2089	11	365088	5795185	6		<0.1	1.6	160	<0.5	2	340	1	75	12	3.0	<4	20	3.40	170.0	1.60	<6	130	28
83D06	2005	2090	11	363208	5793498	6		<0.1	<1.5	430	<1.1	1	308	3	80	11	2.9	<5	14	3.08	150.0	1.30	<5	130	74
83D02	2005	2091	11	365065	5788834	6		<0.1	<1.5	670	<1.2	3	160	7	370	18	2.1	<4	8	4.84	82.9	1.00	<5	69	91
83D14	2005	2092	11	345444	5861117	6		0.2	7.2	430	<1.2	<1	250	4	60	13	2.4	<5	21	4.12	127.0	0.72	<4	100	96
83D03	2005	2093	11	363142	5789576	6		<0.1	<0.5	500	1.9	3	210	5	240	18	2.4	<2	11	4.46	102.0	1.10	<4	88	94
83D06	2005	2094	11	360396	5791906	6		<0.1	<1.4	350	7.3	<1	417	4	87	16	3.4	<5	14	3.74	207.0	1.50	<7	170	88
83D06	2005	2095	11	358654	5792711	6		<0.1	<1.4	660	8.5	2	389	6	110	37	4.3	<5	11	5.28	195.0	1.40	<6	160	110
83D06	2005	2096	11	347178	5797560	6		<0.1	3.9	270	4.4	<1	110	4	48	9	1.2	<2	11	3.19	52.5	0.54	<3	49	52
83D06	2005	2097	11	344643	5797240	6		<0.1	<0.5	290	10.0	2	140	4	44	15	1.9	<2	7	2.81	62.1	1.20	<4	59	69
83D06	2005	2099	11	345177	5797157	6		<0.1	<0.5	190	4.8	2	200	3	62	12	1.9	<2	12	3.80	90.5	2.20	<5	81	58
83D06	2005	2100	11	347756	5795770	6		<0.1	<0.5	370	7.0	2	100	5	64	16	1.2	<2	7	3.90	46.0	0.84	<4	44	77
83D01	2005	2102	11	413817	5767567	6	10	0.3	3.3	310	8.8	1	160	2	64	12	1.9	<2	19	4.02	75.0	0.61	<3	65	64
83D01	2005	2103	11	413817	5767567	6	20	0.2	3.7	300	5.5	1	170	2	63	12	1.8	<2	22	4.22	81.0	0.65	<3	70	69
83D01	2005	2104	11	412514	5768961	6		<0.1	1.5	410	26.0	2	140	3	78	14	1.6	<2	11	3.63	70.7	0.41	5	57	76
83D01	2005	2105	11	410095	5770715	6		<0.1	3.4	370	32.0	2	110	3	76	11	1.3	<2	9	3.09	55.7	0.30	<3	48	79
83D08	2005	2106	11	419590	5790228	6		<0.1	10.0	460	0.9	<1	280	4	99	20	3.3	<4	21	5.28	141.0	1.00	<4	120	130
83D01	2005	2108	11	418943	5789061	6		0.3	10.0	400	1.8	<1	301	3	89	19	3.1	<4	35	4.59	154.0	1.30	<5	120	92
83D01	2005	2109	11	419295	5785248	6		0.3	5.8	510	6.2	<1	190	3	66	13	2.2	<2	14	3.43	99.3	0.64	<3	83	93
83D01	2005	2110	11	420164	5784931	6		0.2	4.9	510	6.8	<1	160	3	52	10	1.9	<2	19	2.80	78.8	0.61	<4	71	92
83D01	2005	2111	11	420577	5782773	6		<0.1	13.0	510	1.9	<1	478	3	90	16	5.3	<6	23	4.47	249.0	1.00	<5	210	110
83D01	2005	2112	11	420360	5780564	6		<0.1	5.0	470	9.0	<1	210	3	64	13	2.5	14	17	3.53	111.0	0.67	<5	95	100
83D01	2005	2113	11	419635	5779036	6		<0.1	4.6	670	1.4	<1	200	4	85	15	2.0	<4	9	4.36	101.0	0.56	<4	88	170
83D01	2005	2114	11	417618	5777492	6		<0.1	2.1	720	1.3	<1	280	2	89	15	2.9	<5	17	4.21	145.0	0.90	<5	120	130
83D01	2005	2115	11	416273	5776876	6		<0.1	1.9	450	3.4	<1	240	3	170	21	3.1	<5	20	6.07	120.0	0.78	<5	100	97
83D01	2005	2116	11	412895	5776627	6		0.3	65.5	640	3.2	1	150	4	100	18	1.6	16	10	4.14	76.9	0.36	<3	63	130

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
83D03	2005	2072	11	338506	5775548	6		9.0	19.9	1.62	4.0	1.1	13.0	3	5.2	3.5	77	19.44	435	3.80	0.05	217.0	7.70
83D03	2005	2073	11	340310	5776957	6		10.0	11.5	1.44	1.7	1.3	20.6	<3	8.6	3.4	95	8.47	1320	11.40	0.04	53.5	7.44
83D03	2005	2075	11	341037	5778197	6	10	16.3	13.1	1.57	2.7	1.9	34.1	6	6.7	5.5	<50	17.85	840	2.40	0.03	119.0	7.67
83D03	2005	2076	11	341037	5778197	6	20	15.2	12.5	1.59	3.1	1.5	32.0	8	7.2	4.8	<50	16.79	855	2.50	0.03	119.0	7.57
83D03	2005	2077	11	338685	5772247	6		7.3	6.3	2.02	1.7	0.9	15.0	2	6.8	2.2	<50	11.89	930	6.40	0.05	98.4	7.38
83D03	2005	2078	11	329103	5769986	6		15.9	13.5	1.09	<0.5	1.7	35.0	<3	8.2	3.8	110	9.20	1290	12.40	0.02	115.0	7.47
83D03	2005	2079	11	332269	5771462	6		18.4	8.2	1.63	1.1	1.5	46.0	<2	6.2	3.2	<50	15.88	885	8.50	0.02	90.2	7.21
83D03	2005	2080	11	333507	5771735	6		10.7	6.0	1.96	1.5	1.2	25.2	<1	7.8	2.9	<50	17.12	705	5.10	0.03	107.0	7.35
83D03	2005	2082	11	335711	5772806	6		9.1	10.0	1.90	1.1	1.0	21.2	<2	6.9	2.9	<50	15.70	1095	6.40	0.03	90.2	7.15
83D06	2005	2083	11	334583	5795740	6		6.9	8.1	1.81	2.8	1.2	13.0	5	48.0	3.1	<50	16.47	990	4.50	0.04	107.0	7.26
83D06	2005	2084	11	336740	5794905	6		15.3	20.3	1.09	3.8	2.1	28.8	10	7.3	5.4	<50	22.18	1275	4.30	0.04	139.0	7.59
83D06	2005	2085	11	340455	5793154	6		11.5	13.2	1.20	3.4	1.2	20.0	9	8.5	4.8	<50	17.53	1125	4.00	0.04	139.0	7.56
83D06	2005	2086	11	342068	5792369	6		9.2	14.0	1.30	2.5	1.6	16.0	8	6.8	5.8	<50	22.31	795	1.60	0.04	107.0	7.59
83D06	2005	2087	11	343792	5791729	6	10	10.8	13.4	1.32	3.1	1.8	20.0	6	12.0	6.1	<50	10.75	1035	4.00	0.05	98.4	7.34
83D06	2005	2088	11	343792	5791729	6	20	10.0	13.7	1.35	2.8	1.5	18.0	6	11.0	5.6	56	13.22	960	4.70	0.05	98.4	7.41
83D07	2005	2089	11	365088	5795185	6		24.7	11.6	1.43	3.3	2.9	53.6	4	12.0	9.4	<50	24.56	660	1.30	0.02	82.0	5.38
83D06	2005	2090	11	363208	5793498	6		22.8	10.0	1.38	2.1	2.7	46.4	5	10.0	8.2	<50	15.78	795	3.10	0.05	90.2	6.35
83D02	2005	2091	11	365065	5788834	6		12.7	18.0	1.73	2.1	1.6	23.8	<3	6.7	5.9	<50	17.58	765	2.80	0.08	148.0	5.22
83D14	2005	2092	11	345444	5861117	6		16.3	9.4	0.93	4.5	1.8	29.5	5	5.7	4.5	<50	15.05	270	2.60	0.03	238.0	7.85
83D03	2005	2093	11	363142	5789576	6		16.5	16.7	1.67	1.9	2.1	30.6	5	8.9	7.1	<50	16.25	630	2.90	0.06	139.0	6.36
83D06	2005	2094	11	360396	5791906	6		31.0	12.6	1.19	2.2	3.7	67.2	<3	15.0	8.9	<50	8.56	570	9.00	0.02	67.2	6.13
83D06	2005	2095	11	358654	5792711	6		28.1	14.8	1.63	3.6	3.6	53.8	<3	12.0	8.8	<50	10.36	945	8.20	0.04	82.0	6.62
83D06	2005	2096	11	347178	5797560	6		8.0	8.8	0.49	2.6	0.8	13.0	3	3.2	3.2	<50	13.63	510	4.50	0.04	254.0	8.11
83D06	2005	2097	11	344643	5797240	6		11.5	10.5	1.76	1.0	2.0	18.0	<1	8.6	7.4	<50	11.10	495	10.80	0.02	67.2	6.59
83D06	2005	2099	11	345177	5797157	6		16.9	12.5	1.87	3.6	2.9	30.9	4	15.0	13.0	<50	18.22	195	3.30	0.03	77.1	7.25
83D06	2005	2100	11	347756	5795770	6		8.6	15.5	1.58	1.5	1.3	13.0	2	7.2	5.1	<50	12.78	405	6.10	0.05	94.3	7.21
83D01	2005	2102	11	413817	5767567	6	10	10.6	11.1	0.61	2.0	1.3	19.0	<1	3.6	3.7	300	13.37	615	5.70	0.02	239.0	7.93
83D01	2005	2103	11	413817	5767567	6	20	11.4	11.4	0.60	1.9	1.2	21.1	<1	3.9	4.0	270	17.76	450	4.60	0.02	239.0	8.14
83D01	2005	2104	11	412514	5768961	6		9.1	11.9	0.57	1.5	1.2	19.0	3	3.3	2.5	62	12.91	660	7.20	0.03	239.0	8.07
83D01	2005	2105	11	410095	5770715	6		7.2	10.0	0.49	1.2	0.6	14.0	<2	3.4	1.9	61	8.63	915	21.50	0.04	239.0	7.93
83D08	2005	2106	11	419590	5790228	6		18.7	14.0	0.76	1.2	1.7	31.8	3	7.4	6.2	57	12.52	255	4.10	0.02	103.0	7.30
83D01	2005	2108	11	418943	5789061	6		20.2	12.2	0.90	1.7	2.5	32.7	<3	12.0	8.4	<50	13.10	270	4.00	<0.02	68.4	7.36
83D01	2005	2109	11	419295	5785248	6		13.4	9.3	1.02	0.9	1.5	21.6	3	6.0	3.8	<50	12.58	420	6.50	0.02	50.2	7.60
83D01	2005	2110	11	420164	5784931	6		11.1	7.7	0.77	1.1	1.5	20.3	<2	8.3	3.7	<50	10.28	735	7.60	0.02	137.0	7.99
83D01	2005	2111	11	420577	5782773	6		32.6	12.1	0.89	1.8	2.8	51.1	<3	9.4	6.4	<50	11.93	330	5.20	0.02	63.8	7.19
83D01	2005	2112	11	420360	5780564	6		14.9	9.3	1.04	1.6	1.5	23.8	<3	8.7	4.1	<50	8.71	555	6.90	0.02	84.4	7.18
83D01	2005	2113	11	419635	5779036	6		13.4	12.3	1.00	1.6	1.2	27.0	<3	6.1	3.5	56	9.62	525	4.40	0.02	148.0	7.79
83D01	2005	2114	11	417618	5777492	6		19.2	11.7	1.00	2.4	1.7	38.0	<3	6.8	5.6	<50	11.51	585	3.90	0.02	84.4	7.40
83D01	2005	2115	11	416273	5776876	6		16.6	12.6	0.58	2.5	1.8	29.3	<3	6.8	4.9	<50	10.26	615	4.30	0.02	137.0	7.53
83D01	2005	2116	11	412895	5776627	6		10.0	14.7	0.60	1.7	1.0	21.2	4	3.6	2.2	59	10.72	675	5.10	0.02	160.0	7.66

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
83D01	2005	2117	11	409953	5776189	6		0.2	15.0	600	16.0	2	140	3	75	12	1.5	<2	17	3.53	66.7	0.48	<3	62	84
83D02	2005	2118	11	392208	5779953	6		0.3	1.6	520	2.2	2	140	4	74	14	1.9	<2	12	3.68	61.7	0.69	<3	61	84
83D02	2005	2119	11	395176	5779309	6		0.3	1.2	540	4.9	2	140	4	45	11	2.0	<2	14	2.75	66.9	0.79	4	67	74
83D02	2005	2120	11	392664	5779264	6		<0.1	2.1	330	1.0	3	230	3	83	19	2.7	<4	9	5.66	117.0	1.60	<4	89	47
83D02	2005	2122	11	396180	5775482	6	10	0.2	<1.4	270	<1.1	2	300	4	85	21	3.2	<4	15	5.66	157.0	1.60	<4	120	54
83D02	2005	2123	11	396180	5775482	6	20	0.2	<1.4	300	<1.2	2	304	4	87	20	3.1	<5	15	5.65	155.0	1.60	<4	120	49
83D02	2005	2124	11	392871	5773032	6		<0.2	2.9	450	8.1	3	210	12	180	25	2.5	<4	9	4.70	98.1	1.30	6	92	97
83D02	2005	2126	11	388461	5769558	6		<0.2	<2.2	380	3.8	2	701	6	170	24	4.9	<7	13	6.25	411.0	1.80	<7	240	60
83D02	2005	2127	11	385339	5763815	6		0.2	1.6	520	5.0	1	150	8	110	17	2.0	<2	11	4.31	71.8	0.86	<4	71	100
83D02	2005	2128	11	384491	5764877	6		<0.2	<2.6	240	3.1	<1	1010	2	140	17	8.4	<9	53	5.85	509.0	2.20	<11	420	52
83D02	2005	2129	11	392468	5764547	6		<0.1	<1.6	320	4.9	2	433	3	77	10	4.3	<5	19	3.60	218.0	1.10	<6	170	51
83D02	2005	2130	11	396059	5763682	6		<0.2	2.6	270	5.7	2	628	3	91	16	5.4	<6	20	4.18	318.0	1.10	<9	260	72
83D02	2005	2131	11	393832	5763979	6		<0.1	<1.9	350	6.4	2	499	5	86	15	4.7	<6	20	4.15	251.0	1.10	<7	200	51
83D01	2005	2132	11	408256	5767474	6		<0.1	<1.6	630	<1.2	<1	210	6	120	16	2.4	<5	15	4.70	110.0	0.56	<5	98	140
83D01	2005	2133	11	407227	5770560	6		<0.1	<2.1	630	<1.6	1	505	6	130	20	4.9	<6	25	6.01	256.0	1.20	<7	220	130
83D01	2005	2134	11	404391	5770570	6		<0.2	<2.5	590	3.3	1	855	6	130	21	7.4	<8	34	5.45	434.0	1.80	<11	340	74
83D01	2005	2135	11	403102	5770824	6		<0.2	2.5	480	10.0	2	290	5	66	13	3.0	<5	15	3.67	143.0	1.00	<5	120	62
83D02	2005	2136	11	395806	5772167	6		<0.1	<1.8	460	1.8	<1	349	6	87	17	3.3	<5	20	3.98	176.0	0.86	<6	150	92
83D02	2005	2137	11	393156	5769512	6		<0.1	<1.8	450	10.0	2	340	4	90	18	3.7	<5	12	4.39	169.0	1.00	7	150	80
83D03	2005	2138	11	355129	5775708	6		<0.3	3.5	420	29.0	2	210	5	200	34	2.5	<6	8	5.56	104.0	0.79	<5	89	72
83D03	2005	2139	11	353809	5777630	6		<0.1	<1.8	540	12.0	2	436	4	120	17	3.4	<5	13	4.20	227.0	1.20	<6	170	74
83D03	2005	2140	11	348385	5777733	6		<0.1	3.6	710	15.0	<1	321	3	120	22	2.6	<5	11	4.49	169.0	0.87	<6	130	67
83D14	2005	3002	11	354432	5850917	6		<0.1	11.0	750	2.5	1	160	6	87	19	2.3	<2	10	4.89	92.4	0.49	<4	72	150
83D14	2005	3003	11	364678	5851532	6		<0.3	3.9	660	8.3	<2	1120	4	90	62	20.1	<12	10	4.27	776.0	3.20	<10	638	160
83D14	2005	3004	11	364007	5851275	6		<0.1	8.8	860	0.8	<1	190	6	81	16	2.0	<2	9	4.65	100.0	0.46	<4	82	160
83D14	2005	3005	11	362136	5848764	6		0.2	4.3	560	36.0	<1	160	5	79	14	2.0	<4	10	4.44	94.7	0.48	<4	73	110
83D14	2005	3006	11	344588	5862613	6		0.3	11.0	450	2.2	<1	260	3	51	13	2.8	<2	15	4.03	136.0	0.63	<4	100	80
83D14	2005	3007	11	357446	5847624	6	10	<0.1	1.8	340	13.0	1	180	3	58	10	1.9	<2	13	4.55	100.0	0.64	<4	75	73
83D14	2005	3008	11	357446	5847624	6	20	<0.1	1.7	250	8.8	1	210	2	56	11	2.1	<2	14	5.10	111.0	0.76	<4	80	66
83D10	2005	3010	11	382991	5826780	6		<0.1	<1.4	530	<1.4	<1	743	3	61	11	7.9	<5	11	5.89	409.0	0.44	<8	290	88
83D10	2005	3011	11	377529	5828765	6		<0.1	<0.5	660	1.0	<1	130	6	81	16	1.5	<2	5	4.78	70.1	0.46	<3	56	160
83D10	2005	3012	11	377926	5828474	6		<0.3	1.6	570	7.8	<1	576	4	67	16	4.9	<5	11	5.40	328.0	0.51	<6	230	110
83D10	2005	3013	11	376883	5827885	6		<0.1	2.3	330	0.6	<1	230	3	43	15	2.3	5	9	3.56	128.0	0.51	<3	93	75
83D11	2005	3014	11	354988	5845149	6		<0.1	<1.1	600	1.1	3	383	2	79	18	4.2	<2	20	6.11	194.0	1.20	<4	150	77
83D11	2005	3015	11	356613	5844348	6		0.2	<1.1	410	7.3	5	355	<1	110	26	3.8	<4	18	7.53	177.0	1.40	<5	140	76
83D11	2005	3016	11	357179	5843842	6		<0.1	1.5	740	4.9	4	230	2	140	26	2.7	<5	15	6.38	111.0	0.91	<5	92	130
83D11	2005	3017	11	361095	5838453	6		<0.1	<1.2	700	1.5	3	327	3	110	23	4.3	<5	18	6.31	161.0	1.00	<5	130	110
83D11	2005	3018	11	362352	5837028	6		<0.1	<1.2	580	<1.1	4	413	1	93	20	5.4	<4	29	6.27	205.0	1.20	<6	160	64
83D11	2005	3019	11	364204	5834503	6		<0.1	1.2	320	9.0	2	240	1	43	9	2.6	<4	18	4.40	120.0	1.00	<5	98	58
83D10	2005	3020	11	364952	5833741	6		<0.1	<1.1	440	2.2	4	250	1	160	22	3.3	<2	15	5.76	120.0	1.20	<5	100	110

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
83D01	2005	2117	11	409953	5776189	6		10.0	10.0	0.62	2.0	0.9	19.0	3	5.0	2.8	70	10.13	855	9.80	0.03	217.0	7.85
83D02	2005	2118	11	392208	5779953	6		11.0	13.4	0.80	2.4	1.5	17.0	<3	4.6	4.1	<50	11.47	615	4.40	0.04	60.4	7.26
83D02	2005	2119	11	395176	5779309	6		11.4	9.3	0.63	2.7	1.6	19.0	<2	5.5	4.8	<50	10.70	645	8.20	0.04	60.4	6.93
83D02	2005	2120	11	392664	5779264	6		16.8	19.2	1.56	2.5	2.5	27.7	<3	5.7	10.0	<50	17.34	555	2.40	0.04	49.0	7.02
83D02	2005	2122	11	396180	5775482	6	10	21.2	19.9	1.36	2.5	3.0	36.4	<3	7.0	10.0	<50	17.49	510	3.20	0.04	68.4	7.22
83D02	2005	2123	11	396180	5775482	6	20	21.3	19.9	1.42	1.9	3.0	36.3	<3	7.4	10.0	<50	14.72	615	3.20	0.05	55.9	7.33
83D02	2005	2124	11	392871	5773032	6		16.8	16.6	1.65	1.7	2.7	26.0	14	8.8	7.9	<50	10.51	420	7.50	0.06	31.9	6.33
83D02	2005	2126	11	388461	5769558	6		34.1	26.2	1.60	2.8	3.3	53.8	<5	15.0	12.0	<50	13.31	540	5.10	0.04	27.4	6.79
83D02	2005	2127	11	385339	5763815	6		12.6	15.1	1.31	1.1	1.7	23.4	5	9.0	5.3	74	10.77	360	9.30	0.05	39.9	7.08
83D02	2005	2128	11	384491	5764877	6		73.9	22.7	1.18	2.3	7.9	162.0	<5	28.0	14.0	<50	12.89	435	4.70	0.03	39.9	6.98
83D02	2005	2129	11	392468	5764547	6		29.8	13.4	1.42	4.1	2.9	65.0	7	14.0	6.7	<50	13.67	345	5.20	0.05	86.6	7.36
83D02	2005	2130	11	396059	5763682	6		45.4	14.9	1.14	2.6	4.4	101.0	<4	20.0	6.5	<50	11.80	390	8.30	0.03	18.2	6.30
83D02	2005	2131	11	393832	5763979	6		34.7	14.8	1.34	2.6	3.5	74.6	<4	17.0	6.5	<50	9.95	390	8.00	0.04	30.8	6.70
83D01	2005	2132	11	408256	5767474	6		15.5	14.3	1.09	1.1	1.6	33.6	4	7.6	3.2	59	9.80	375	3.00	0.04	46.7	6.16
83D01	2005	2133	11	407227	5770560	6		36.0	22.0	1.07	4.9	3.9	75.5	<5	18.0	7.3	<50	10.98	360	3.00	0.06	77.5	6.99
83D01	2005	2134	11	404391	5770570	6		59.1	19.3	1.15	7.2	5.9	132.0	8	27.0	12.0	<50	11.40	420	4.40	0.04	73.0	7.00
83D01	2005	2135	11	403102	5770824	6		20.7	11.2	1.35	3.1	2.4	44.5	<3	10.0	5.9	<50	11.13	690	9.80	0.07	31.9	6.88
83D02	2005	2136	11	395806	5772167	6		25.2	13.7	1.24	2.0	2.9	53.1	<4	13.0	5.3	<50	11.38	510	4.10	0.04	30.8	6.02
83D02	2005	2137	11	393156	5769512	6		23.4	13.8	1.28	3.1	2.6	48.3	<4	11.0	6.0	<50	12.16	540	9.20	0.04	25.1	6.98
83D03	2005	2138	11	355129	5775708	6		15.8	17.1	1.02	1.5	1.8	29.8	5	9.4	4.8	140	8.86	210	15.20	0.03	29.6	6.75
83D03	2005	2139	11	353809	5777630	6		28.7	14.4	1.61	2.1	3.0	61.3	<4	12.0	7.2	<50	12.44	315	9.30	0.06	36.5	6.55
83D03	2005	2140	11	348385	5777733	6		21.3	13.4	1.29	2.6	2.3	48.2	7	8.4	5.4	<50	8.56	270	14.80	0.04	21.7	6.73
83D14	2005	3002	11	354432	5850917	6		12.2	15.6	1.00	1.7	0.8	22.2	3	5.6	3.4	88	9.55	525	5.00	0.04	221.0	7.87
83D14	2005	3003	11	364678	5851532	6		116.0	16.4	0.80	3.8	16.0	20.9	6	8.3	27.2	94	8.84	600	7.70	0.12	221.0	7.50
83D14	2005	3004	11	364007	5851275	6		13.1	14.8	1.00	2.5	0.9	23.1	2	5.5	3.3	100	9.32	555	4.50	0.03	131.0	7.31
83D14	2005	3005	11	362136	5848764	6		11.8	13.6	0.90	2.6	1.2	19.0	3	6.6	3.3	96	8.65	555	11.90	0.09	281.0	8.11
83D14	2005	3006	11	344588	5862613	6		17.0	10.0	0.82	2.8	1.8	28.9	2	5.2	4.5	58	15.79	375	2.70	0.03	330.0	8.21
83D14	2005	3007	11	357446	5847624	6	10	13.0	14.1	0.87	2.9	1.2	20.5	3	5.3	4.7	<50	9.52	345	8.80	0.02	524.0	8.35
83D14	2005	3008	11	357446	5847624	6	20	14.3	15.5	0.87	3.8	1.4	22.6	3	5.1	5.1	76	14.59	300	7.10	0.16	524.0	8.39
83D10	2005	3010	11	382991	5826780	6		52.4	14.1	0.81	6.9	3.9	107.0	<2	11.0	3.1	<50	9.38	330	4.50	0.07	155.0	7.66
83D10	2005	3011	11	377529	5828765	6		9.1	15.7	0.75	1.0	1.0	16.0	4	3.6	3.2	120	10.74	420	3.70	0.04	155.0	7.24
83D10	2005	3012	11	377926	5828474	6		39.6	16.0	1.00	7.2	2.8	87.2	5	12.0	3.4	69	11.37	405	5.90	0.10	126.0	7.09
83D10	2005	3013	11	376883	5827885	6		16.3	9.5	0.90	2.4	1.7	25.8	2	4.9	3.6	60	17.06	315	2.30	0.05	165.0	7.33
83D11	2005	3014	11	354988	5845149	6		24.5	23.6	2.31	4.6	2.7	23.9	4	4.7	8.0	72	16.55	1200	2.60	0.24	126.0	7.30
83D11	2005	3015	11	356613	5844348	6		23.8	28.0	2.21	5.6	2.6	16.0	<2	3.5	10.0	140	16.27	1350	3.70	0.02	136.0	7.50
83D11	2005	3016	11	357179	5843842	6		15.8	25.7	1.66	3.1	1.5	17.0	2	4.8	6.1	130	12.65	1335	3.50	0.31	126.0	7.55
83D11	2005	3017	11	361095	5838453	6		22.8	29.6	1.37	4.0	3.2	30.9	<2	6.8	6.9	120	12.63	1395	3.30	0.08	107.0	7.56
83D11	2005	3018	11	362352	5837028	6		28.2	33.7	1.97	4.7	2.8	33.3	3	9.1	8.6	99	18.92	1185	1.50	0.07	136.0	7.71
83D11	2005	3019	11	364204	5834503	6		16.3	18.0	1.46	3.6	1.8	22.3	<1	7.8	6.9	71	13.67	330	6.10	0.10	116.0	7.58
83D10	2005	3020	11	364952	5833741	6		19.2	25.3	2.16	5.7	2.7	20.4	4	6.4	8.4	140	15.12	1635	2.10	0.05	136.0	7.66

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
83D10	2005	3022	11	367478	5830750	6		<0.1	2.3	600	10.0	4	319	2	96	25	3.8	47	23	6.91	158.0	1.30	<8	130	97
83D10	2005	3023	11	368491	5829890	6	10	<0.1	1.5	350	4.7	4	317	1	71	20	3.6	<5	24	6.28	157.0	1.80	<6	120	76
83D10	2005	3024	11	368491	5829890	6	20	<0.1	1.5	360	5.1	3	309	1	75	19	3.8	<5	23	6.25	153.0	1.70	<6	120	84
83D14	2005	3025	11	352600	5846129	6		<0.1	<1.3	370	1.6	3	463	<1	57	11	4.2	<4	35	6.97	239.0	1.70	<6	180	44
83D11	2005	3027	11	348930	5846560	6		0.2	<0.5	320	1.6	2	260	1	53	10	2.8	<2	16	4.19	131.0	1.20	<4	100	39
83D11	2005	3028	11	346685	5842691	6		<0.2	<1.9	180	4.9	<1	987	5	71	22	7.8	<7	43	9.29	519.0	2.00	<13	370	79
83D11	2005	3029	11	348866	5840168	6		<0.1	<1.2	430	2.8	4	325	2	91	17	3.7	<2	20	5.84	164.0	1.10	<5	130	90
83D11	2005	3030	11	350732	5838465	6		<0.1	<1.2	370	4.3	4	361	1	84	18	4.0	<4	22	6.27	181.0	1.40	<5	140	60
83D11	2005	3031	11	337015	5830261	6		<0.1	<1.2	530	0.9	1	377	5	87	14	3.9	<4	36	6.06	194.0	1.10	<6	140	120
83D11	2005	3032	11	336938	5830017	6		<0.2	1.4	390	7.1	1	190	6	89	22	2.4	<2	16	5.04	95.6	0.72	<5	75	110
83D11	2005	3033	11	337704	5828848	6		<0.1	<1.0	490	5.6	<1	210	6	110	27	2.8	7	17	4.65	107.0	0.80	<4	88	100
83D11	2005	3034	11	337778	5828375	6		<0.1	<0.5	480	10.0	<1	130	5	80	19	1.7	<2	9	4.26	69.4	0.40	<4	57	100
83D11	2005	3035	11	337696	5826404	6		<0.1	<0.5	360	14.0	<1	83	3	66	15	1.2	<2	9	3.73	42.0	0.39	3	35	67
83D11	2005	3036	11	336595	5826273	6		<0.1	<0.5	400	2.8	1	100	4	80	18	1.7	<2	9	4.41	50.7	0.45	<3	49	95
83D11	2005	3037	11	338380	5821682	6		<0.1	<0.5	210	3.5	2	170	2	64	16	2.6	<2	15	5.22	85.5	0.64	6	70	54
83D11	2005	3038	11	339389	5820382	6		<0.1	2.1	380	4.5	1	110	5	65	14	1.4	<2	12	4.04	54.3	0.51	<4	44	83
83D11	2005	3039	11	341492	5819344	6		<0.1	<0.5	150	2.7	2	110	3	54	16	1.5	<2	8	4.10	51.6	0.46	<3	46	52
83D03	2005	3040	11	333019	5777196	6		<0.1	<0.5	680	7.9	1	140	7	55	11	1.6	<2	9	3.12	72.7	0.62	<5	60	130
83D03	2005	3042	11	334382	5778725	6		<0.1	<1.1	850	5.8	1	200	9	72	14	2.3	<2	11	4.10	101.0	0.79	<5	83	150
83D03	2005	3044	11	334853	5778449	6		<0.1	<1.2	550	<1.1	4	250	4	69	8	2.4	<5	13	3.67	128.0	1.20	<6	96	78
83D03	2005	3045	11	343054	5778574	6		<0.1	<0.5	880	1.3	2	100	3	44	7	1.2	<2	8	2.17	51.1	0.40	<4	40	90
83D03	2005	3046	11	344047	5781027	6		<0.1	<1.5	470	2.9	2	331	3	69	12	2.6	<5	15	4.69	166.0	1.70	<7	130	65
83D03	2005	3047	11	346580	5783911	6		<0.1	<1.5	580	1.5	2	160	7	110	21	2.1	<5	8	5.47	82.5	0.77	<6	63	120
83D03	2005	3048	11	347103	5788216	6		<0.1	<1.0	370	3.2	2	100	4	78	14	1.6	<2	8	3.90	52.0	0.55	<4	46	63
83D11	2005	3049	11	335198	5820584	6		<0.1	<0.5	480	4.5	2	110	5	49	14	1.8	<2	9	4.02	57.5	0.69	<4	51	76
83D06	2005	3050	11	333301	5812919	6		<0.1	<0.5	380	<0.5	1	120	4	64	13	1.5	<2	10	3.71	59.2	0.45	<3	50	64
83D06	2005	3051	11	336134	5816938	6		<0.1	<1.0	340	10.0	<1	210	3	54	17	3.6	<2	14	3.84	111.0	0.78	<4	100	73
83D06	2005	3052	11	334235	5813947	6		<0.1	<0.5	410	15.0	<1	98	4	57	14	1.5	<2	10	3.40	53.9	0.42	<3	41	69
83D06	2005	3053	11	341727	5817652	6	10	0.2	<0.5	310	2.5	<1	150	4	36	11	1.8	<2	9	2.86	75.6	0.78	<4	60	80
83D06	2005	3054	11	341727	5817652	6	20	<0.1	<0.5	350	1.3	1	130	5	36	10	1.7	<2	9	2.78	67.5	0.69	<3	55	70
83D06	2005	3055	11	336811	5817630	6		<0.1	<0.5	330	4.7	<1	100	4	46	12	1.4	<2	8	3.27	52.4	0.48	<3	44	75
83D06	2005	3056	11	340043	5810792	6		0.2	1.5	370	6.1	<1	130	4	44	10	1.5	<2	11	2.91	68.9	0.47	<3	54	74
83D06	2005	3057	11	340281	5810754	6		<0.1	<0.5	430	0.6	1	110	4	57	12	1.9	<2	9	3.16	58.8	0.47	<3	55	71
83D06	2005	3058	11	342423	5811892	6		<0.1	<0.5	390	10.0	<1	120	4	47	14	1.6	<2	8	3.12	63.9	0.44	<3	52	73
83D06	2005	3059	11	344345	5812700	6		<0.1	1.1	270	8.1	<1	110	3	37	10	1.4	<2	10	2.33	55.8	0.40	<3	48	48
83D06	2005	3060	11	345167	5813372	6		0.2	1.6	390	3.0	1	100	5	45	11	1.6	<2	8	2.92	50.5	0.61	<3	45	79
83D06	2005	3062	11	344910	5814403	6		0.2	<0.5	300	3.4	1	100	3	39	11	1.6	<2	9	3.01	52.7	0.55	<3	47	73
83D06	2005	3063	11	340740	5818098	6		<0.1	2.9	310	5.7	<1	140	4	32	10	1.9	<2	7	2.64	78.6	0.78	<4	59	53
83D02	2005	3064	11	364864	5788379	6	10	<0.1	<1.4	530	<1.2	5	210	4	190	31	2.4	<5	11	6.06	98.7	1.20	<6	86	89
83D02	2005	3065	11	364864	5788379	6	20	<0.1	<1.7	610	3.2	3	200	6	210	38	2.6	<4	11	6.62	96.0	1.20	6	81	110

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
83D10	2005	3022	11	367478	5830750	6		23.8	26.8	1.85	6.6	2.6	22.1	4	19.0	10.0	140	11.54	1455	7.20	0.58	165.0	7.80
83D10	2005	3023	11	368491	5829890	6	10	25.0	25.6	1.77	10.0	3.6	29.6	5	11.0	13.0	130	16.56	975	5.10	0.56	136.0	7.55
83D10	2005	3024	11	368491	5829890	6	20	23.9	24.7	1.75	6.8	3.5	29.6	8	11.0	12.0	140	11.26	1020	5.60	0.55	136.0	7.57
83D14	2005	3025	11	352600	5846129	6		29.7	27.4	1.43	8.3	3.5	40.6	4	8.5	12.0	75	17.10	345	2.40	0.34	165.0	7.73
83D11	2005	3027	11	348930	5846560	6		17.4	17.0	1.50	3.5	2.0	26.8	2	7.0	8.1	<50	19.38	285	1.90	0.54	194.0	7.83
83D11	2005	3028	11	346685	5842691	6		70.4	33.3	0.80	9.5	6.3	160.0	11	31.0	14.0	73	14.68	420	4.20	0.06	86.3	6.96
83D11	2005	3029	11	348866	5840168	6		22.7	27.7	1.56	4.5	2.6	28.6	4	6.6	7.8	85	15.26	1410	5.20	0.65	116.0	7.44
83D11	2005	3030	11	350732	5838465	6		25.4	30.6	1.59	5.4	2.8	29.7	5	7.1	10.0	100	17.25	1410	3.50	0.25	8.6	7.41
83D11	2005	3031	11	337015	5830261	6		28.8	19.8	0.85	11.0	2.9	61.3	6	16.0	7.3	67	13.62	1155	2.20	0.04	49.5	6.25
83D11	2005	3032	11	336938	5830017	6		14.0	15.2	0.89	7.4	1.5	21.4	6	6.1	4.8	90	7.44	1245	7.30	0.05	48.5	6.66
83D11	2005	3033	11	337704	5828848	6		15.2	15.4	1.00	7.6	1.7	21.6	6	5.9	5.5	63	12.13	915	6.25	0.06	45.6	6.96
83D11	2005	3034	11	337778	5828375	6		10.0	12.2	0.71	2.0	0.7	16.0	3	5.3	2.8	95	11.96	900	6.35	0.63	134.0	7.15
83D11	2005	3035	11	337696	5826404	6		7.2	11.2	0.76	1.9	1.0	10.0	3	4.0	2.9	65	12.94	945	7.01	0.02	204.0	8.12
83D11	2005	3036	11	336595	5826273	6		8.0	12.6	1.00	2.9	0.8	14.0	5	4.6	3.1	77	13.36	1245	5.50	<0.02	114.0	7.82
83D11	2005	3037	11	338380	5821682	6		14.0	15.2	0.88	5.3	1.5	16.0	3	4.4	4.5	57	16.35	810	3.00	0.05	281.0	8.19
83D11	2005	3038	11	339389	5820382	6		8.4	12.4	1.00	3.1	1.1	14.0	4	4.6	3.4	82	12.75	660	5.10	0.09	301.0	7.84
83D11	2005	3039	11	341492	5819344	6		9.1	12.5	0.86	2.5	1.3	11.0	<1	3.0	3.3	<50	13.02	645	11.70	0.05	238.0	8.06
83D03	2005	3040	11	333019	5777196	6		11.4	11.1	1.63	2.1	1.3	24.5	3	9.3	4.3	87	12.32	435	7.30	0.05	54.5	6.97
83D03	2005	3042	11	334382	5778725	6		15.8	14.0	1.38	2.1	1.9	32.0	4	11.0	5.7	73	12.91	495	7.10	0.04	52.0	6.99
83D03	2005	3044	11	334853	5778449	6		18.9	17.9	1.48	4.2	2.0	40.3	8	11.0	8.4	78	18.16	540	2.10	0.05	57.0	7.31
83D03	2005	3045	11	343054	5778574	6		7.3	9.2	1.93	0.9	0.6	14.0	<1	4.0	2.7	<50	16.80	315	3.90	0.05	78.6	7.30
83D03	2005	3046	11	344047	5781027	6		24.3	22.1	1.43	2.3	2.6	51.3	<3	13.0	11.0	57	15.48	375	4.20	0.05	94.1	7.34
83D03	2005	3047	11	346580	5783911	6		12.1	16.5	1.03	1.3	1.5	24.7	7	7.9	5.3	65	6.17	855	5.60	0.04	50.4	7.24
83D03	2005	3048	11	347103	5788216	6		8.6	12.8	1.36	2.1	0.8	15.0	4	6.1	3.9	74	10.35	630	5.60	0.05	108.0	7.30
83D11	2005	3049	11	335198	5820584	6		10.6	15.5	1.33	2.1	1.3	15.0	4	4.4	4.8	56	15.19	795	5.50	0.06	138.0	7.62
83D06	2005	3050	11	333301	5812919	6		9.3	12.5	1.10	1.8	1.4	16.0	3	3.8	3.2	58	15.97	660	3.20	0.04	144.0	7.59
83D06	2005	3051	11	336134	5816938	6		19.6	11.1	0.83	3.4	2.8	15.0	4	6.5	5.8	56	13.49	540	7.20	0.05	122.0	7.50
83D06	2005	3052	11	334235	5813947	6		7.8	10.0	0.81	2.0	0.9	13.0	2	4.5	2.7	53	11.65	525	7.10	0.08	142.0	7.50
83D06	2005	3053	11	341727	5817652	6	10	11.6	10.0	1.49	1.9	1.7	17.0	3	4.7	5.6	<50	14.76	690	4.00	0.04	88.3	7.27
83D06	2005	3054	11	341727	5817652	6	20	10.6	10.0	1.47	1.6	1.4	16.0	3	4.1	4.9	<50	15.16	600	3.20	0.05	142.0	7.67
83D06	2005	3055	11	336811	5817630	6		8.4	10.2	1.10	2.4	1.0	12.0	3	3.5	3.3	<50	14.34	615	4.10	0.05	150.0	7.68
83D06	2005	3056	11	340043	5810792	6		10.2	9.2	0.79	2.6	1.1	16.0	4	5.3	3.3	<50	16.19	720	5.50	0.03	86.3	7.22
83D06	2005	3057	11	340281	5810754	6		10.1	10.5	1.18	1.8	1.3	13.0	3	3.0	3.5	<50	16.75	435	2.20	0.03	143.0	7.55
83D06	2005	3058	11	342423	5811892	6		10.0	8.7	0.69	2.1	0.9	14.0	3	4.1	3.0	<50	15.50	600	6.90	0.04	89.2	7.27
83D06	2005	3059	11	344345	5812700	6		8.4	7.9	0.75	2.1	0.9	14.0	<1	4.3	2.7	<50	14.75	660	5.00	0.03	78.6	7.19
83D06	2005	3060	11	345167	5813372	6		9.0	11.3	1.47	1.3	1.2	13.0	2	3.9	4.2	56	15.00	660	32.00	0.05	138.0	7.21
83D06	2005	3062	11	344910	5814403	6		8.7	9.2	1.21	2.0	1.0	13.0	2	4.0	3.7	<50	14.49	690	3.10	0.04	130.0	7.70
83D06	2005	3063	11	340740	5818098	6		10.6	9.1	1.48	1.3	1.6	15.0	<1	5.2	5.4	51	14.02	480	6.00	0.06	120.0	7.47
83D02	2005	3064	11	364864	5788379	6	10	17.6	22.4	1.72	2.8	2.7	31.0	6	8.7	8.6	63	14.69	690	2.28	<0.02	48.8	6.48
83D02	2005	3065	11	364864	5788379	6	20	17.1	23.0	1.53	2.2	2.3	29.6	8	9.2	8.6	90	10.49	855	3.80	<0.02	48.8	6.69

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
83E04	2005	1402	11	316637	5884263	53.07632	-119.73738	783	6		0	2	8	0	2	220	0.5	20	2	0	3	2	5	1	1	2	1	08/29
83E04	2005	1403	11	314789	5885581	53.08751	-119.76569	798	6		0	2	8	0	1	220	0.3	20	2	0	3	2	5	1	1	2	1	08/29
83E04	2005	1404	11	312717	5887114	53.10055	-119.79749	840	6		0	2	8	0	1	310	1.0	20	2	0	3	2	5	1	1	2	1	08/29
83E04	2005	1405	11	309042	5895037	53.17038	-119.85703	887	6		0	2	8	0	1	310	0.2	10	2	0	3	2	5	1	1	1	1	08/30
83E04	2005	1406	11	311014	5893722	53.15928	-119.82678	904	6	10	0	2	8	0	1	310	0.5	20	2	0	3	1	5	1	1	1	1	08/30
83E04	2005	1407	11	311014	5893722	53.15928	-119.82678	904	6	20	0	2	8	0	1	310	0.5	20	2	0	3	1	5	1	1	1	1	08/30
83E04	2005	1408	11	311672	5893181	53.15466	-119.81663	888	6		0	2	8	0	2	130	0.8	25	2	0	3	2	5	1	1	1	1	08/30
83E04	2005	1409	11	313053	5892268	53.14694	-119.79548	903	6		0	2	8	0	1	310	0.6	20	2	0	3	2	5	1	1	2	1	08/30
83E04	2005	1410	11	314773	5890950	53.13572	-119.76902	907	6		0	2	8	0	1	310	0.4	25	2	0	3	2	5	1	1	2	1	08/30
83E04	2005	1411	11	316150	5889770	53.12559	-119.74779	867	6		0	1	8	0	1	220	0.4	15	2	0	3	1	5	1	1	1	1	09/03
83E06	2005	1413	11	342069	5906796	53.28682	-119.36922	1361	6		0	4	8	0	1	310	2.2	60	2	0	1	1	5	1	1	1	1	08/31
83E06	2005	1414	11	336512	5907925	53.29528	-119.45309	1084	6		0	1	8	0	2	310	0.2	10	7	0	3	2	5	1	1	2	1	08/31
83E06	2005	1415	11	337347	5908736	53.30282	-119.44099	1093	6		0	2	8	0	2	310	0.2	15	2	0	3	1	5	1	1	2	1	08/31
83E05	2005	1416	11	329225	5909388	53.30612	-119.56309	1039	6		0	3	8	0	1	310	5.0	40	2	0	1	1	5	1	1	3	1	08/31
83E05	2005	1417	11	325175	5911395	53.32282	-119.62492	1002	6		0	3	8	0	1	310	1.2	25	2	0	3	1	5	1	1	1	1	08/31
83E05	2005	1418	11	322662	5912928	53.33574	-119.66347	991	6		0	3	8	0	1	310	2.1	30	2	0	3	2	5	1	1	1	1	08/31
83E05	2005	1419	11	321519	5913214	53.33793	-119.68076	1001	6		0	2	8	0	1	310	1.0	15	7	0	3	1	5	1	1	1	1	08/31
83E05	2005	1420	11	319844	5913616	53.34097	-119.70612	958	6		0	3	8	0	1	310	2.0	35	2	0	3	1	5	1	1	2	1	08/31
83E04	2005	1422	11	309077	5879606	53.03185	-119.84734	1153	6		0	2	8	0	8	220	1.0	10	2	0	3	1	5	1	1	1	1	08/30
83E04	2005	1423	11	307050	5882454	53.05670	-119.87922	791	6		0	3	8	0	0	220	1.5	15	2	0	3	1	5	1	1	2	1	08/30
83E04	2005	1424	11	305156	5884342	53.07296	-119.90859	773	6		0	3	8	0	0	310	1.0	20	2	0	3	1	5	1	1	1	1	08/30
83E04	2005	1425	11	309510	5880153	53.03692	-119.84121	1152	6		0	2	8	0	6	310	0.8	5	1	0	3	1	5	1	1	1	1	08/30
83E04	2005	1426	11	313546	5879596	53.03334	-119.78076	1171	6		0	3	8	0	6	310	1.5	10	2	0	3	1	5	1	1	1	1	08/30
83E05	2005	1427	11	306783	5929806	53.48171	-119.91197	1418	6		0	3	8	0	8	310	15.0	20	1	0	1	1	5	1	1	2	1	08/31
83E05	2005	1428	11	306843	5930115	53.48451	-119.91125	1357	6		0	3	8	0	8	310	6.0	20	1	0	1	1	5	1	1	2	1	08/31
83E05	2005	1429	11	307341	5929640	53.48043	-119.90346	1327	6		0	2	8	0	8	310	1.0	7	2	0	3	1	5	1	1	1	1	08/31
83E05	2005	1430	11	310446	5927528	53.46259	-119.85547	1328	6		0	3	8	0	8	220	6.0	20	1	0	1	1	5	1	1	2	1	08/31
83E05	2005	1431	11	307084	5927361	53.45986	-119.90593	1270	6	10	0	2	8	0	8	220	1.0	5	1	1	1	1	5	1	1	1	1	08/31
83E05	2005	1432	11	307084	5927361	53.45986	-119.90593	1270	6	20	0	2	8	0	8	220	1.0	5	1	1	1	1	5	1	1	1	1	08/31
83E05	2005	1433	11	306150	5926126	53.44844	-119.91922	1181	6		0	3	8	0	8	220	6.0	15	1	0	3	1	5	1	1	1	1	08/31
83E05	2005	1434	11	304624	5922032	53.41112	-119.93964	1121	6		0	3	8	0	8	220	3.5	20	1	0	1	1	5	1	1	1	1	08/31
83E05	2005	1435	11	304273	5919604	53.38920	-119.94340	1126	6		0	2	8	0	8	310	1.0	8	2	0	3	1	5	1	1	1	1	08/31
83E05	2005	1436	11	313777	5913123	53.33445	-119.79685	1036	6		0	1	8	0	6	220	1.0	10	7	0	3	2	5	1	1	3	1	09/02
83E05	2005	1437	11	311268	5914202	53.34324	-119.83513	945	6		0	3	8	0	6	310	1.3	30	2	0	3	1	5	1	1	1	1	09/02
83E05	2005	1438	11	310075	5916005	53.35901	-119.85411	978	6		0	3	8	0	1	310	5.0	40	2	0	3	1	5	1	1	3	1	09/02
83E05	2005	1439	11	309312	5916566	53.36376	-119.86589	1029	6		0	3	8	0	1	310	2.0	30	5	0	1	1	5	1	1	1	1	09/02
83E05	2005	1442	11	317119	5913923	53.34279	-119.74719	966	6		0	3	8	0	1	310	2.0	30	2	0	3	1	5	1	1	2	1	08/31
83E06	2005	1443	11	335169	5907431	53.29042	-119.47297	1218	6	10	0	4	8	0	1	310	3.0	50	2	0	1	1	5	1	1	2	1	09/02
83E06	2005	1444	11	335169	5907431	53.29042	-119.47297	1218	6	20	0	4	8	0	1	310	3.0	50	2	0	1	1	5	1	1	2	1	09/02
83E05	2005	1445	11	307573	5916201	53.35986	-119.89177	924	6		0	2	8	0	1	311	1.1	15	2	0	3	2	5	1	1	1	1	09/02

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
83E04	2005	1446	11	331739	5875795	53.00524	-119.50776	798	6		0	2	8	0	0	310	3.0	20	1	0	1	1	5	1	1	0	1	09/10
83E04	2005	1447	11	328357	5900936	53.22994	-119.57154	1498	6		0	3	8	0	8	310	2.2	45	1	0	3	1	5	1	1	1	1	09/03
83E04	2005	1449	11	328330	5900524	53.22623	-119.57173	1495	6		0	1	8	0	1	310	2.0	30	7	0	2	2	5	1	1	2	1	09/03
83E04	2005	1450	11	327540	5901270	53.23267	-119.58395	1484	6		0	3	8	0	0	220	2.0	20	1	0	3	1	5	1	1	2	1	09/03
83E04	2005	1451	11	323105	5897375	53.19623	-119.64817	1190	6		0	3	8	0	1	220	3.0	25	2	0	3	1	5	1	1	2	1	09/03
83E04	2005	1452	11	322728	5895020	53.17497	-119.65250	1175	6		0	1	8	0	6	220	0.2	5	2	0	3	1	5	1	1	1	1	09/03
83E04	2005	1453	11	322217	5894920	53.17390	-119.66008	1112	6		0	3	8	0	6	311	2.1	27	2	0	3	1	5	1	1	2	1	09/03
83E04	2005	1454	11	322068	5892702	53.15393	-119.66108	1174	6		0	3	8	0	6	130	2.0	25	2	0	3	1	5	1	1	2	1	09/03
83E04	2005	1455	11	329784	5878813	53.03172	-119.53845	872	6		0	2	8	0	1	310	1.5	20	1	0	1	1	5	1	1	1	1	09/10
83E04	2005	1456	11	322105	5884427	53.07964	-119.65594	839	6		0	2	8	0	7	310	1.5	20	1	0	3	1	5	1	1	1	1	09/10
83E04	2005	1457	11	321138	5885351	53.08761	-119.67087	824	6		0	2	8	0	6	310	1.0	20	1	0	1	1	5	1	1	1	1	09/10
83E04	2005	1458	11	301442	5900898	53.22022	-119.97421	757	6		0	2	8	0	1	130	5.0	40	1	0	1	1	5	1	1	1	1	09/10
83E04	2005	1459	11	325388	5882355	53.06211	-119.60586	770	6		0	2	6	0	2	310	10.0	40	1	0	1	1	5	1	1	0	1	09/10
83E04	2005	1460	11	303460	5894162	53.16050	-119.93989	811	6		0	2	8	0	8	310	2.0	10	7	0	3	1	5	1	1	1	1	09/11
83E12	2005	1462	11	302071	5934134	53.51880	-119.98560	1712	6		0	3	8	0	0	311	2.0	15	2	0	1	1	5	1	1	2	1	09/11
83E06	2005	1463	11	339973	5909811	53.31327	-119.40215	1176	6		0	3	8	0	8	310	3.0	32	2	0	3	1	5	1	1	3	1	09/10
83E06	2005	1464	11	334829	5911642	53.32814	-119.48026	1735	6	10	0	2	6	0	0	220	7.0	30	7	0	3	3	5	1	1	2	1	09/10
83E06	2005	1465	11	334829	5911642	53.32814	-119.48026	1735	6	20	0	2	6	0	0	220	7.0	30	7	0	3	3	5	1	1	2	1	09/10
83E06	2005	1466	11	335010	5911660	53.32836	-119.47754	1722	6		0	2	8	0	0	310	1.1	35	0	0	3	3	5	1	1	2	1	09/10
83E05	2005	1467	11	330276	5907021	53.28520	-119.54608	1326	6		0	2	8	0	8	221	2.0	10	0	0	1	1	5	1	1	1	1	09/10
83E05	2005	1468	11	331097	5905481	53.27163	-119.53295	1381	1		0	0	8	0	8	311	1.2		1	0	3	1	5	1	2	1	2	09/10
83E05	2005	1469	11	331143	5905535	53.27213	-119.53230	1369	6		0	2	6	0	1	220	4.0	30	1	0	3	3	5	1	1	2	1	09/10
83E05	2005	1470	11	329559	5908357	53.29696	-119.55753	1057	6		0	2	8	0	0	310	0.3	10	2	0	3	1	5	1	1	1	1	09/10
83E05	2005	1471	11	328075	5908848	53.30089	-119.58005	1094	6		0	2	8	0	8	310	1.2	75	2	0	3	1	5	1	1	2	1	09/10
83E05	2005	1472	11	325303	5910310	53.31312	-119.62240	1082	1		0	0	8	0	8	310	1.5		2	0	3	1	5	1	1	1	1	09/10
83E05	2005	1473	11	324392	5911009	53.31909	-119.63644	1065	6		0	3	8	0	8	220	1.2	15	2	0	3	1	5	1	1	1	1	09/10
83E05	2005	1474	11	318720	5913070	53.33569	-119.72267	1088	6		0	3	8	0	8	130	3.5	50	2	0	3	1	5	1	1	2	1	09/10
83E05	2005	1475	11	308157	5915366	53.35258	-119.88250	950	6		0	2	8	0	8	220	1.2	30	2	0	3	1	5	1	1	1	1	09/10
83E05	2005	1476	11	301287	5912694	53.32605	-119.98389	879	6		0	2	8	0	8	130	0.5	10	2	0	3	1	5	1	1	1	1	09/10
83E05	2005	1477	11	303069	5913243	53.33165	-119.95752	888	6		0	2	8	0	0	130	2.0	15	1	0	1	1	5	1	1	1	1	09/10
83E05	2005	1479	11	303645	5914577	53.34384	-119.94972	1070	6		0	2	8	0	0	220	3.2	30	2	0	3	1	5	1	1	0	1	09/10
83E05	2005	1480	11	303807	5918799	53.38180	-119.94989	1069	6		0	3	8	0	1	310	2.0	30	2	0	1	1	5	1	1	1	1	09/10
83E05	2005	1483	11	303801	5920877	53.40045	-119.95128	1059	6		0	2	8	0	0	310	0.4	10	2	0	3	1	5	1	1	0	1	09/10
83E05	2005	1484	11	304433	5922879	53.41865	-119.94302	1080	6		0	3	8	0	0	310	1.5	15	2	0	1	1	5	1	1	1	1	09/10
83E05	2005	1485	11	304975	5924482	53.43324	-119.93588	1122	6		0	2	8	0	8	310	2.0	20	1	0	3	1	5	1	1	2	1	09/10
83E05	2005	1486	11	305840	5926503	53.45170	-119.92412	1148	6		0	3	8	0	0	310	2.0	30	2	0	3	1	5	1	1	3	1	09/10
83E05	2005	1487	11	301327	5928655	53.46935	-119.99335	1523	6		0	2	8	0	0	220	6.0	40	1	0	3	3	5	1	1	1	1	09/10
83E05	2005	1488	11	312372	5927780	53.46554	-119.82664	1373	6		0	3	8	0	0	310	5.0	30	2	0	3	1	5	1	1	2	1	09/10
83E05	2005	1489	11	315256	5922494	53.41910	-119.78014	1813	6		0	2	8	0	0	220	7.0	5	2	0	3	2	5	1	1	1	1	09/10
83E05	2005	1490	11	313790	5923371	53.42646	-119.80270	1707	6		0	2	8	0	0	310	3.0	20	2	0	1	1	5	1	1	1	1	09/10

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
83E05	2005	1491	11	311801	5920538	53.40031	-119.83091	1464	6	10	0	3	8	0	0	310	4.0	50	2	0	1	1	5	1	1	2	1	09/10
83E05	2005	1492	11	311801	5920538	53.40031	-119.83091	1464	6	20	0	3	8	0	0	310	4.0	50	2	0	1	1	5	1	1	2	1	09/10
83E05	2005	1493	11	311485	5920675	53.40143	-119.83573	1439	6		0	2	8	0	0	310	1.0	15	2	0	3	2	5	1	1	1	1	09/10
83E12	2005	1494	11	301912	5934039	53.51790	-119.98794	1704	6		0	2	8	0	0	310	15.0	45	2	0	3	1	5	1	1	2	1	09/11
83E12	2005	1495	11	301360	5934998	53.52629	-119.99686	1636	6		0	2	8	0	0	311	1.0	10	2	0	3	1	5	1	1	1	1	09/11
83E12	2005	1496	11	302058	5936201	53.53736	-119.98711	1656	6		0	2	8	0	0	220	2.0	20	2	0	3	3	5	1	1	0	1	09/11
83E12	2005	1497	11	301518	5936625	53.54096	-119.99552	1614	6		0	1	8	0	0	310	1.2	5	2	0	3	2	5	1	1	1	1	09/11
83E12	2005	1498	11	302480	5938012	53.55377	-119.98190	1523	6		0	2	8	0	0	220	15.0	23	1	0	3	2	5	1	1	2	1	09/11
83E12	2005	1499	11	305166	5938387	53.55814	-119.94163	1536	6		0	2	8	0	0	310	3.5	35	2	0	1	1	5	1	1	2	1	09/11
83E12	2005	1500	11	307724	5939537	53.56941	-119.90378	1527	6		0	2	8	0	0	310	2.0	20	0	0	3	1	5	1	1	1	1	09/11
83E04	2005	1502	11	307410	5891126	53.13469	-119.87906	853	6		0	2	8	0	1	310	1.5	20	7	0	1	1	5	1	1	1	1	09/11
83E04	2005	1503	11	310903	5888956	53.11645	-119.82563	831	6		0	3	8	0	1	310	0.8	20	7	0	1	1	5	1	1	1	1	09/11
83E05	2005	1504	11	304752	5914059	53.33960	-119.93279	1013	6		0	3	8	0	8	220	6.0	20	1	0	1	2	5	1	1	2	1	09/10
83E05	2005	1505	11	303824	5913247	53.33196	-119.94619	946	6		0	2	8	0	1	310	1.0	15	2	0	1	1	5	1	1	1	1	09/10
83E05	2005	1506	11	301674	5912394	53.32351	-119.97791	901	6	10	0	2	8	0	1	310	1.2	30	1	0	1	1	5	1	1	1	1	09/10
83E05	2005	1507	11	301674	5912394	53.32351	-119.97791	901	6	20	0	2	8	0	1	310	1.2	30	1	0	1	1	5	1	1	1	1	09/10
83E12	2005	1508	11	308181	5939721	53.57123	-119.89700	1519	6		0	2	8	0	0	220	1.2	35	2	0	3	1	5	1	1	1	1	09/11
83E12	2005	1509	11	315598	5948428	53.65206	-119.79029	1572	6		0	2	8	0	0	310	4.0	20	7	0	3	2	5	1	1	2	1	09/11
83E12	2005	1510	11	315899	5948383	53.65176	-119.78570	1566	6		0	2	8	0	0	220	1.5	30	1	0	3	1	5	1	1	2	1	09/11
83E12	2005	1511	11	316133	5948915	53.65661	-119.78249	1566	6		0	2	8	0	0	311	5.0	20	2	0	3	1	5	1	1	1	1	09/11
83E12	2005	1513	11	313180	5950411	53.66900	-119.82802	1446	6		0	2	6	0	0	130	4.0	25	1	0	3	3	5	1	1	3	1	09/11
83E12	2005	1514	11	311128	5950385	53.66803	-119.85902	1404	6		0	2	8	0	0	310	3.0	30	2	0	3	3	5	1	1	3	1	09/11
83E12	2005	1515	11	308840	5952070	53.68232	-119.89465	1446	6		0	3	6	0	0	220	10.0	35	2	0	1	1	5	1	1	2	1	09/11
83E12	2005	1516	11	308572	5952015	53.68173	-119.89867	1486	6		0	3	6	0	0	310	1.0	30	2	0	1	1	5	1	1	1	1	09/11
83E12	2005	1517	11	307167	5949334	53.65715	-119.91825	1377	6		0	2	8	0	0	310	1.3	30	7	0	3	1	5	1	1	1	1	09/11
83E12	2005	1518	11	306790	5949988	53.66288	-119.92435	1301	6		0	1	8	0	0	220	1.2	30	2	0	2	3	5	1	1	2	1	09/11
83E12	2005	1519	11	304449	5948788	53.65124	-119.95897	1265	6		0	2	8	0	0	310	1.2	15	1	0	3	1	5	1	1	2	1	09/11
83E12	2005	1520	11	302264	5947367	53.63766	-119.99108	1207	6		0	2	8	0	0	310	4.0	31	2	0	3	1	5	1	1	1	1	09/11
83E05	2005	1522	11	304321	5904870	53.25695	-119.93359	982	6		0	2	8	0	0	310	0.6	5	2	0	3	1	5	1	1	1	1	09/11
83E05	2005	1523	11	304538	5904700	53.25550	-119.93023	1022	6		0	2	8	0	0	310	3.0	15	2	0	3	1	5	1	1	0	1	09/11
83E05	2005	1525	11	306861	5905737	53.26566	-119.89609	1111	6		0	2	8	0	0	310	0.5	15	2	0	1	1	5	1	1	1	1	09/11
83E05	2005	1526	11	307574	5904799	53.25749	-119.88484	1372	6		0	3	8	0	0	310	1.5	15	2	0	1	1	5	1	1	1	1	09/11
83E05	2005	1527	11	312340	5905776	53.26798	-119.81407	1350	6		0	2	8	0	0	220	6.0	55	2	0	3	1	5	1	1	2	1	09/11
83E05	2005	1528	11	310319	5905611	53.26578	-119.84422	1337	6	10	0	3	8	0	0	310	1.5	25	2	0	1	1	5	1	1	1	1	09/11
83E05	2005	1529	11	310319	5905611	53.26578	-119.84422	1337	6	20	0	3	8	0	0	310	1.5	25	2	0	1	1	5	1	1	1	1	09/11
83E05	2005	1530	11	314517	5903914	53.25202	-119.78037	1491	6		0	2	6	0	0	310	3.0	25	0	0	3	3	5	1	1	2	1	09/11
83E05	2005	1531	11	314434	5903889	53.25177	-119.78161	1503	6		0	2	6	0	0	310	1.2	10	2	0	3	1	5	1	1	1	1	09/11
83E04	2005	1532	11	315267	5898865	53.20695	-119.76622	1649	6		0	2	8	0	0	310	2.5	20	2	0	3	1	5	1	1	1	1	09/11
83E04	2005	1533	11	315054	5898804	53.20633	-119.76937	1650	6		0	2	8	0	0	220	2.0	30	2	0	3	1	5	1	1	2	1	09/11
83E04	2005	1534	11	315247	5898790	53.20627	-119.76648	1647	6		0	2	8	0	0	310	7.0	40	2	0	3	1	5	1	1	2	1	09/11

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
83E04	2005	1535	11	311231	5899025	53.20697	-119.82667	1307	6		0	2	8	0	0	220	2.0	10	0	0	1	1	5	1	1	2	1	09/11
83E04	2005	1536	11	311264	5899555	53.21174	-119.82650	1232	6		0	3	8	0	0	310	2.5	15	2	0	1	1	5	1	1	2	1	09/11
83E04	2005	1537	11	309286	5898554	53.20205	-119.85547	1042	6		0	2	6	0	0	130	1.8	20	2	0	3	1	5	1	1	3	1	09/11
83E04	2005	1538	11	321420	5893016	53.15653	-119.67093	1109	6		0	2	8	0	6	220	2.2	7	1	0	3	1	5	1	1	0	1	09/11
83E04	2005	1539	11	320629	5891462	53.14231	-119.68188	1065	6		0	3	8	0	1	311	0.3	15	2	0	3	1	5	1	1	1	1	09/11
83E04	2005	1540	11	323818	5897805	53.20034	-119.63775	1200	6		0	3	8	0	0	220	3.0	35	0	1	3	1	5	1	1	2	1	09/11
83E04	2005	1543	11	305499	5892770	53.14875	-119.90858	849	6		0	1	8	0	1	310	0.4	5	7	0	3	1	5	1	1	1	1	09/11
83E04	2005	1544	11	310026	5889553	53.12151	-119.83908	837	6		0	2	8	0	1	310	1.2	10	1	0	1	1	5	1	1	1	1	09/11
83E04	2005	1545	11	328745	5883676	53.07507	-119.55651	1005	6		0	3	8	0	1	220	2.5	12	2	0	3	1	5	1	1	1	1	09/24
83E04	2005	1546	11	332492	5886959	53.10574	-119.50235	1096	6		0	3	8	0	6	220	3.0	25	2	0	3	1	5	1	1	2	1	09/24
83E04	2005	1547	11	308664	5890314	53.12785	-119.85985	831	6		0	3	8	0	1	220	1.5	15	2	0	3	1	5	1	1	2	1	09/24
83E04	2005	1548	11	306189	5892281	53.14461	-119.89798	836	6		0	2	8	0	1	310	0.8	20	7	0	1	1	5	1	1	1	1	09/11
83E04	2005	1549	11	325672	5902846	53.24622	-119.61277	1373	6		0	3	8	0	8	310	2.5	30	2	0	1	1	5	1	1	2	1	09/11
83E05	2005	1550	11	323770	5904436	53.25987	-119.64213	1330	6		0	2	6	0	0	220	1.2	15	2	0	2	3	5	1	1	1	1	09/11
83E05	2005	1551	11	324102	5903479	53.25138	-119.63663	1346	6		0	3	6	0	8	220	3.0	30	2	0	1	1	5	1	1	1	1	09/11
83E05	2005	1552	11	323374	5904760	53.26264	-119.64824	1345	6		0	3	8	0	0	310	2.5	30	1	0	1	1	5	1	1	1	1	09/11
83E03	2005	1553	11	344664	5878387	53.03243	-119.31654	1085	6		0	2	8	0	0	310	5.0	20	2	0	3	1	5	1	1	3	1	09/12
83E03	2005	1554	11	342844	5884373	53.08566	-119.34658	1117	6		0	2	8	0	0	220	4.0	30	1	0	3	3	5	1	1	3	1	09/12
83E03	2005	1555	11	335791	5892155	53.15343	-119.45577	1118	6		0	2	8	0	0	310	2.0	15	2	0	3	1	5	1	1	1	1	09/12
83E04	2005	1556	11	330394	5892284	53.15289	-119.53648	1563	6		0	3	8	0	0	310	3.5	30	2	0	1	1	5	1	1	2	1	09/12
83E04	2005	1557	11	330597	5890702	53.13875	-119.53260	1435	6		0	2	6	1	0	310	1.0	10	2	0	3	1	5	1	1	1	1	09/12
83E03	2005	1558	11	335735	5892810	53.15929	-119.45694	1191	6		0	3	6	0	2	310	5.0	60	2	0	1	1	5	1	1	3	1	09/12
83E04	2005	1559	11	330222	5892275	53.15276	-119.53904	1561	6	10	0	3	6	0	0	220	6.0	25	2	0	3	1	5	1	1	2	1	09/12
83E04	2005	1560	11	330222	5892275	53.15276	-119.53904	1561	6	20	0	3	6	0	0	220	6.0	25	2	0	3	1	5	1	1	2	1	09/12
83E03	2005	1562	11	337944	5893721	53.16815	-119.42440	1196	6		0	2	6	0	1	310	0.4	50	2	0	3	3	5	1	1	2	1	09/12
83E03	2005	1563	11	338123	5893600	53.16712	-119.42167	1190	6		0	2	6	0	0	220	3.0	30	2	0	3	1	5	1	1	2	1	09/12
83E03	2005	1564	11	337126	5893502	53.16593	-119.43651	1178	6		0	3	8	0	6	220	15.0	50	1	0	3	1	5	1	1	3	1	09/12
83E04	2005	1565	11	299830	5888709	53.11019	-119.99070	783	6	10	0	2	8	0	1	220	1.5	15	2	0	3	1	5	1	1	1	1	09/12
83E04	2005	1566	11	299830	5888709	53.11019	-119.99070	783	6	20	0	2	8	0	1	220	1.5	15	2	0	3	1	5	1	1	1	1	09/12
83E04	2005	1568	11	300550	5887912	53.10331	-119.97945	744	6		0	3	8	0	0	310	1.0	25	2	0	3	1	5	1	1	2	1	09/12
83E04	2005	1569	11	301447	5886624	53.09209	-119.96529	834	6		0	2	8	0	1	220	5.0	80	2	0	3	3	5	1	1	2	1	09/12
83E04	2005	1570	11	303426	5884460	53.07339	-119.93445	824	6		0	3	2	0	1	220	0.5	15	2	0	3	1	5	1	1	1	1	09/12
83E04	2005	1571	11	307084	5879994	53.03463	-119.87724	758	6		0	1	8	0	1	220	3.0	60	7	0	2	3	5	1	1	2	1	09/12
83E04	2005	1572	11	301488	5878870	53.02249	-119.95990	1697	6		0	3	6	0	0	220	1.0	20	2	0	1	1	5	1	1	0	1	09/12
83E04	2005	1573	11	301278	5878880	53.02250	-119.96303	1617	6		2	2	8	0	0	130	8.0	60	2	0	3	1	5	1	1	2	3	09/12
83E04	2005	1574	11	306427	5881116	53.04446	-119.88770	774	6		0	3	8	0	1	220	0.5	10	2	0	3	1	5	1	1	1	1	09/12
83E04	2005	1575	11	313528	5878951	53.02754	-119.78066	1157	6		0	2	8	0	0	310	2.0	15	2	0	3	3	5	1	1	1	1	09/12
83E04	2005	1576	11	315403	5877466	53.01486	-119.75189	1099	6		0	3	8	0	0	310	3.0	30	0	0	3	1	5	1	1	2	1	09/12
83E04	2005	1577	11	330627	5885183	53.08920	-119.52924	1107	6		0	3	8	0	6	220	2.0	10	2	0	3	1	5	1	1	0	1	09/24
83E04	2005	1578	11	303798	5899331	53.20703	-119.93801	870	6		0	2	8	0	8	220	0.3	7	2	0	2	1	5	1	1	1	1	09/24

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	LAT	LONG	ELEV	MAT	REP	WAT COL	FLW	SED COL	SED PPT	CON	SED COMP	STRM WDTH	STRM DPTH	BNK	BNK PPT	CHL BED	CHL PTN	PHY	DRN	TYP	ODR	SRC	DATE
83E04	2005	1579	11	305090	5898257	53.19786	-119.91803	863	1		0	0	6	0	8	310			2	0	4	1	5	1	2	1	2	09/24

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
83E04	2005	1402	11	316637	5884263	6		0.73	0.04	0.6	28.7	0.13	1	0.03	0.25	18.6	6.7	11.70	2.2	0.3	1.75	15.4	2.94	0.39	184	12
83E04	2005	1403	11	314789	5885581	6		0.71	0.03	0.9	29.2	0.10	1	0.04	0.34	15.0	7.3	10.24	2.0	0.4	1.46	14.1	2.92	0.36	173	8
83E04	2005	1404	11	312717	5887114	6		0.82	0.03	0.7	31.0	0.17	<1	0.03	0.28	20.2	10.5	16.26	2.6	0.5	1.82	22.4	3.07	0.46	196	7
83E04	2005	1405	11	309042	5895037	6		0.96	0.10	3.5	17.5	0.30	1	0.05	1.56	13.3	11.3	20.83	2.7	0.5	2.57	27.9	13.53	0.51	403	17
83E04	2005	1406	11	311014	5893722	6	10	1.27	0.08	4.6	8.9	0.35	<1	0.02	0.60	17.4	13.2	23.85	4.0	1.3	3.06	49.8	15.90	0.63	411	5
83E04	2005	1407	11	311014	5893722	6	20	1.30	0.08	4.0	9.5	0.33	1	0.03	0.62	17.8	13.3	23.41	4.0	0.4	3.07	51.4	15.93	0.63	425	<5
83E04	2005	1408	11	311672	5893181	6		1.35	0.09	5.4	9.2	0.37	1	0.02	0.94	17.9	13.0	23.61	4.0	0.2	3.05	44.2	17.17	0.67	499	<5
83E04	2005	1409	11	313053	5892268	6		0.82	0.16	8.7	9.4	0.38	<1	0.04	2.36	10.3	12.3	22.59	2.1	0.7	3.05	33.9	16.82	0.39	423	<5
83E04	2005	1410	11	314773	5890950	6		1.00	0.23	9.1	8.8	0.48	<1	0.11	0.47	13.4	13.9	27.38	2.7	0.6	3.44	47.7	24.20	0.43	504	8
83E04	2005	1411	11	316150	5889770	6		0.93	0.23	8.7	8.4	0.46	<1	0.11	0.42	13.0	13.4	26.38	2.5	0.5	3.36	50.9	22.36	0.38	409	6
83E06	2005	1413	11	342069	5906796	6		0.76	0.06	1.5	29.4	0.12	<1	0.01	0.12	12.4	5.7	7.51	2.1	1.0	1.43	14.9	8.14	0.38	230	14
83E06	2005	1414	11	336512	5907925	6		1.07	0.35	5.8	41.0	0.25	1	0.04	0.38	16.7	10.6	20.29	3.0	0.7	2.66	29.7	20.60	0.46	410	36
83E06	2005	1415	11	337347	5908736	6		1.40	0.51	7.0	35.4	0.39	3	0.06	0.46	19.8	13.0	22.60	4.1	0.6	3.43	29.0	24.05	0.58	505	27
83E05	2005	1416	11	329225	5909388	6		1.28	1.07	10.3	22.8	0.33	1	0.13	0.21	18.3	22.1	20.52	3.5	1.6	3.33	17.3	21.67	0.54	611	20
83E05	2005	1417	11	325175	5911395	6		1.16	0.93	11.1	44.4	0.34	1	0.09	0.34	17.4	12.5	24.25	3.2	1.4	2.92	14.8	27.17	0.44	505	42
83E05	2005	1418	11	322662	5912928	6		1.01	0.37	36.4	27.8	0.44	1	0.15	0.50	15.4	16.1	35.03	2.6	4.7	3.47	15.4	27.25	0.54	741	40
83E05	2005	1419	11	321519	5913214	6		0.88	0.51	19.8	13.9	0.29	1	0.06	0.18	13.3	12.2	25.56	2.4	1.7	2.73	26.1	16.45	0.38	641	13
83E05	2005	1420	11	319844	5913616	6		0.93	0.63	45.7	60.1	0.30	1	0.32	0.20	13.0	23.8	41.40	2.2	3.0	3.43	15.6	22.03	0.38	5410	26
83E04	2005	1422	11	309077	5879606	6		0.79	0.03	0.4	24.3	0.12	<1	0.07	0.09	14.7	10.5	9.57	2.5	0.7	1.79	14.9	3.34	0.36	437	22
83E04	2005	1423	11	307050	5882454	6		0.93	0.03	0.6	35.4	0.15	1	0.04	0.18	23.5	16.0	18.74	3.0	0.3	1.99	16.4	3.02	0.57	223	6
83E04	2005	1424	11	305156	5884342	6		1.02	0.02	0.3	15.1	0.22	<1	0.03	0.20	23.0	12.3	21.23	3.1	0.7	2.42	19.5	2.69	0.66	192	8
83E04	2005	1425	11	309510	5880153	6		1.02	0.03	0.3	40.5	0.16	<1	0.05	0.15	27.0	9.9	17.51	3.8	2.4	1.98	17.6	3.83	0.59	127	9
83E04	2005	1426	11	313546	5879596	6		0.77	0.02	0.2	38.9	0.08	1	0.03	0.32	16.9	7.1	11.17	2.5	0.8	1.56	13.8	2.39	0.36	257	18
83E05	2005	1427	11	306783	5929806	6		0.90	0.21	11.3	22.2	0.26	<1	0.06	0.14	10.2	12.5	21.60	2.2	1.0	2.52	25.9	19.15	0.39	604	13
83E05	2005	1428	11	306843	5930115	6		1.42	0.21	12.6	31.6	0.40	<1	0.10	0.22	19.8	15.9	24.01	4.1	1.3	3.44	23.7	27.37	0.57	873	25
83E05	2005	1429	11	307341	5929640	6		1.62	0.16	5.8	22.0	0.43	1	0.05	0.31	24.5	11.2	25.07	4.7	1.0	3.69	21.4	27.29	0.69	275	31
83E05	2005	1430	11	310446	5927528	6		1.21	0.44	17.0	24.7	0.43	1	0.07	0.18	16.6	17.8	31.99	3.2	6.2	3.55	23.1	28.82	0.55	597	16
83E05	2005	1431	11	307084	5927361	6	10	1.41	0.78	17.4	15.8	0.65	<1	0.05	0.21	18.2	20.5	37.81	3.9	2.1	3.74	31.6	32.22	0.75	716	13
83E05	2005	1432	11	307084	5927361	6	20	1.49	0.80	18.2	15.6	0.67	1	0.06	0.20	19.0	21.6	40.11	4.1	1.3	3.95	26.5	33.27	0.78	775	12
83E05	2005	1433	11	306150	5926126	6		0.59	0.31	23.4	25.3	0.25	1	0.07	0.21	7.7	13.2	25.11	1.4	1.0	2.81	25.3	21.98	0.23	872	18
83E05	2005	1434	11	304624	5922032	6		1.28	0.18	13.6	25.3	0.42	1	0.07	0.17	17.2	17.1	34.86	3.5	1.6	3.28	23.1	25.30	0.62	578	11
83E05	2005	1435	11	304273	5919604	6		0.95	0.23	17.5	30.0	0.34	1	0.11	0.65	13.4	13.9	30.93	2.4	2.5	2.93	12.0	20.61	0.41	743	31
83E05	2005	1436	11	313777	5913123	6		1.58	0.43	20.7	25.9	0.37	<1	0.05	0.39	30.6	17.5	29.19	5.2	2.4	3.84	24.3	25.80	0.56	728	22
83E05	2005	1437	11	311268	5914202	6		1.07	0.17	6.1	32.4	0.20	1	0.05	0.32	18.3	13.2	16.43	3.1	1.0	2.58	36.0	15.34	0.45	649	22
83E05	2005	1438	11	310075	5916005	6		0.84	0.25	24.5	30.9	0.27	1	0.08	0.21	11.7	13.0	21.63	2.2	2.2	2.71	22.0	19.40	0.36	835	23
83E05	2005	1439	11	309312	5916566	6		0.86	0.28	19.4	35.6	0.38	1	0.10	0.32	11.1	14.0	32.48	2.1	2.1	2.83	21.2	23.58	0.36	643	19
83E05	2005	1442	11	317119	5913923	6		0.78	0.68	35.0	22.0	0.32	1	0.10	0.20	11.5	12.5	27.74	1.8	2.8	3.08	18.3	20.73	0.32	702	31
83E06	2005	1443	11	335169	5907431	6	10	1.03	0.13	2.9	46.9	0.15	1	0.04	0.19	18.0	9.8	13.40	2.7	1.4	1.95	19.7	12.58	0.56	407	18
83E06	2005	1444	11	335169	5907431	6	20	0.97	0.13	2.8	44.3	0.12	<1	0.04	0.18	17.1	9.3	12.64	2.5	1.2	1.85	17.1	12.16	0.54	384	15
83E05	2005	1445	11	307573	5916201	6		0.91	0.36	14.0	25.0	0.33	1	0.06	0.25	14.3	9.8	21.71	2.3	1.2	2.75	21.6	17.41	0.37	358	20

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
83E04	2005	1402	11	316637	5884263	6		0.38	18.2	0.086	0.15	1.4	0.2	21	0.005	8.2	<0.01	<0.02	0.12	5.8	0.037	<0.1	1.0	14	33.1
83E04	2005	1403	11	314789	5885581	6		0.35	21.4	0.990	0.15	1.3	0.2	23	0.007	11.0	<0.01	<0.02	0.12	5.4	0.035	<0.1	0.8	12	32.9
83E04	2005	1404	11	312717	5887114	6		0.40	28.1	0.105	0.21	1.7	0.3	29	0.006	9.3	0.02	0.02	0.16	7.8	0.054	<0.1	1.5	14	37.5
83E04	2005	1405	11	309042	5895037	6		0.25	25.1	0.064	0.03	1.1	0.8	41	0.003	40.0	0.02	<0.02	0.02	10.1	0.003	<0.1	1.1	5	52.0
83E04	2005	1406	11	311014	5893722	6	10	0.24	29.4	0.096	0.02	1.1	0.2	35	0.001	39.7	0.01	0.02	<0.02	16.9	0.003	<0.1	1.4	7	68.3
83E04	2005	1407	11	311014	5893722	6	20	0.25	29.3	0.105	0.02	1.0	0.2	34	0.001	40.8	0.02	<0.02	<0.02	17.4	0.003	<0.1	1.4	7	66.6
83E04	2005	1408	11	311672	5893181	6		0.20	26.6	0.990	0.02	1.1	0.3	32	0.001	59.9	0.01	0.03	<0.02	16.1	0.003	<0.1	1.3	7	62.6
83E04	2005	1409	11	313053	5892268	6		0.32	28.8	0.088	0.01	1.0	0.5	50	0.002	122.4	0.04	0.03	<0.02	13.2	0.002	<0.1	1.7	5	58.7
83E04	2005	1410	11	314773	5890950	6		0.44	63.7	0.095	0.01	0.8	0.9	51	0.003	51.1	0.04	0.04	<0.02	15.3	0.002	<0.1	2.2	7	105.3
83E04	2005	1411	11	316150	5889770	6		0.42	57.5	0.102	0.01	0.7	0.7	45	0.003	45.6	0.03	0.05	<0.02	15.8	0.002	<0.1	2.2	6	102.5
83E06	2005	1413	11	342069	5906796	6		0.14	12.6	0.029	0.04	0.8	0.3	19	0.001	13.0	<0.01	0.02	0.03	5.9	0.002	<0.1	1.3	5	28.4
83E06	2005	1414	11	336512	5907925	6		0.23	21.4	0.073	0.06	1.5	0.3	37	0.003	37.9	0.01	0.03	0.03	12.2	0.001	<0.1	2.1	7	75.4
83E06	2005	1415	11	337347	5908736	6		0.29	26.4	0.064	0.06	1.6	0.7	49	0.004	41.6	0.01	0.03	0.03	12.1	0.001	<0.1	1.6	9	80.7
83E05	2005	1416	11	329225	5909388	6		0.31	41.1	0.064	0.02	1.3	0.5	41	0.002	14.6	0.04	0.02	<0.02	11.3	0.001	<0.1	2.9	9	91.2
83E05	2005	1417	11	325175	5911395	6		0.40	26.3	0.064	0.07	1.4	1.4	78	0.004	28.4	0.04	<0.02	0.03	10.1	0.001	<0.1	7.9	8	62.5
83E05	2005	1418	11	322662	5912928	6		0.51	34.8	0.059	0.04	1.5	1.4	56	0.003	42.2	0.13	0.05	0.02	10.3	0.001	<0.1	5.7	6	79.4
83E05	2005	1419	11	321519	5913214	6		0.36	22.7	0.035	0.03	1.1	0.7	35	0.002	20.8	0.03	0.03	<0.02	11.1	0.001	<0.1	1.7	6	79.0
83E05	2005	1420	11	319844	5913616	6		0.48	150.2	0.054	0.04	1.1	1.3	51	0.003	24.0	0.06	0.04	0.03	10.1	0.002	<0.1	5.5	5	178.5
83E04	2005	1422	11	309077	5879606	6		0.33	11.6	0.022	0.09	0.8	<0.1	41	0.003	4.8	0.02	0.02	0.12	2.7	0.026	<0.1	0.7	12	34.3
83E04	2005	1423	11	307050	5882454	6		0.43	35.8	0.052	0.25	1.5	0.4	30	0.006	9.9	0.07	0.02	0.22	6.1	0.055	<0.1	1.2	16	48.2
83E04	2005	1424	11	305156	5884342	6		0.41	34.5	0.062	0.07	1.4	0.3	28	0.003	6.7	0.04	0.02	0.09	8.6	0.023	<0.1	1.5	14	49.3
83E04	2005	1425	11	309510	5880153	6		0.38	29.2	0.046	0.28	1.5	0.2	35	0.007	7.8	0.05	<0.02	0.27	5.1	0.067	<0.1	1.2	19	51.8
83E04	2005	1426	11	313546	5879596	6		0.33	13.8	0.026	0.16	1.2	0.5	33	0.004	14.1	0.01	0.02	0.15	3.2	0.045	<0.1	1.2	13	31.5
83E05	2005	1427	11	306783	5929806	6		0.26	21.6	0.060	0.04	0.8	0.1	29	0.001	17.0	0.02	0.03	0.03	13.4	0.002	<0.1	2.1	5	57.1
83E05	2005	1428	11	306843	5930115	6		0.37	28.8	0.070	0.04	1.3	0.5	48	0.003	16.7	0.04	0.05	0.03	14.3	0.001	<0.1	5.5	10	80.6
83E05	2005	1429	11	307341	5929640	6		0.36	28.0	0.067	0.02	1.2	0.9	74	0.002	18.7	0.04	0.02	0.02	13.5	0.001	<0.1	8.8	11	80.5
83E05	2005	1430	11	310446	5927528	6		0.40	31.8	0.059	0.04	1.2	0.3	53	0.002	19.8	0.08	0.03	0.02	15.6	0.001	<0.1	4.8	6	87.5
83E05	2005	1431	11	307084	5927361	6	10	0.44	35.4	0.071	0.03	1.3	0.2	46	0.002	20.1	0.04	0.06	<0.02	13.0	0.002	<0.1	2.4	7	88.7
83E05	2005	1432	11	307084	5927361	6	20	0.47	37.3	0.069	0.02	1.4	0.2	50	0.002	19.7	0.01	0.07	<0.02	13.0	0.002	<0.1	2.6	7	92.8
83E05	2005	1433	11	306150	5926126	6		0.30	30.0	0.062	0.04	0.9	0.9	44	0.002	26.4	0.04	0.03	0.03	10.0	0.002	<0.1	3.2	3	71.4
83E05	2005	1434	11	304624	5922032	6		0.32	31.2	0.067	0.06	1.0	0.4	51	0.002	20.9	0.02	0.04	0.03	13.5	0.003	<0.1	4.6	8	82.0
83E05	2005	1435	11	304273	5919604	6		0.40	29.8	0.064	0.06	1.0	2.5	87	0.002	33.9	0.06	0.03	0.04	9.2	0.001	<0.1	4.9	4	72.2
83E05	2005	1436	11	313777	5913123	6		0.37	30.0	0.085	0.04	1.7	0.4	74	0.002	39.0	0.04	<0.02	0.03	7.9	0.003	<0.1	4.3	11	85.2
83E05	2005	1437	11	311268	5914202	6		0.37	22.8	0.071	0.07	1.3	0.5	32	0.003	22.5	0.02	<0.02	0.04	8.9	0.004	<0.1	2.8	8	50.2
83E05	2005	1438	11	310075	5916005	6		0.35	25.3	0.053	0.06	1.0	0.7	38	0.003	25.4	0.07	0.02	0.03	10.9	0.003	<0.1	4.0	4	62.2
83E05	2005	1439	11	309312	5916566	6		0.34	27.6	0.072	0.06	1.0	0.6	63	0.002	29.6	0.09	0.02	0.04	10.1	0.006	<0.1	4.3	5	65.4
83E05	2005	1442	11	317119	5913923	6		0.32	33.8	0.046	0.04	1.2	1.0	50	0.003	17.3	0.05	0.02	0.02	8.7	0.002	<0.1	2.4	4	76.9
83E06	2005	1443	11	335169	5907431	6	10	0.19	18.8	0.044	0.09	0.9	0.5	25	0.002	22.3	0.01	<0.02	0.03	7.6	0.004	<0.1	3.4	9	39.1
83E06	2005	1444	11	335169	5907431	6	20	0.15	17.8	0.043	0.07	0.8	0.4	27	0.002	21.6	<0.01	<0.02	0.03	7.5	0.003	<0.1	3.3	7	37.6
83E05	2005	1445	11	307573	5916201	6		0.34	27.3	0.051	0.04	0.9	1.1	55	0.002	16.8	0.01	0.03	0.02	9.8	0.002	<0.1	3.0	6	55.0

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
83E04	2005	1446	11	331739	5875795	6		1.15	0.19	6.3	6.3	0.25	<1	0.05	3.86	17.4	12.4	22.08	3.4	1.2	3.38	47.1	12.93	0.69	480	6
83E04	2005	1447	11	328357	5900936	6		0.95	0.11	2.7	98.1	0.11	2	0.11	0.28	17.7	10.0	12.27	2.0	1.2	1.27	13.0	9.40	0.27	446	32
83E04	2005	1449	11	328330	5900524	6		1.02	0.08	2.2	33.1	0.13	1	0.03	0.29	18.6	9.4	9.86	2.5	1.3	2.03	17.7	10.35	0.37	429	30
83E04	2005	1450	11	327540	5901270	6		0.55	0.08	1.3	25.2	0.07	<1	0.02	0.05	8.9	9.7	10.09	1.3	0.4	1.24	24.8	9.61	0.17	430	10
83E04	2005	1451	11	323105	5897375	6		1.12	0.65	16.1	26.9	0.41	<1	0.10	0.28	18.0	15.4	25.25	3.1	2.6	3.23	33.8	19.89	0.64	450	14
83E04	2005	1452	11	322728	5895020	6		1.15	0.21	13.9	15.9	0.45	1	0.11	0.21	16.4	19.4	38.14	3.1	0.6	3.07	57.0	29.39	0.47	436	25
83E04	2005	1453	11	322217	5894920	6		1.06	0.21	5.7	15.8	0.31	1	0.06	0.22	16.0	11.6	21.59	3.1	1.4	2.75	47.1	16.70	0.48	470	6
83E04	2005	1454	11	322068	5892702	6		0.81	0.27	12.5	6.6	0.40	<1	0.07	4.27	12.5	16.4	34.14	2.4	0.7	3.39	38.1	16.78	0.48	388	6
83E04	2005	1455	11	329784	5878813	6		0.55	0.09	5.6	12.0	0.34	1	0.06	5.52	7.7	11.9	22.13	1.6	0.5	2.76	32.4	13.74	0.38	425	8
83E04	2005	1456	11	322105	5884427	6		0.68	0.11	5.2	4.3	0.36	<1	0.05	4.66	9.7	11.6	22.07	2.0	0.3	2.74	31.8	13.07	0.41	274	<5
83E04	2005	1457	11	321138	5885351	6		0.59	0.12	6.8	6.7	0.33	1	0.06	6.96	9.1	12.4	24.09	1.6	0.5	2.97	24.2	14.02	0.38	328	<5
83E04	2005	1458	11	301442	5900898	6		0.93	0.11	5.6	14.0	0.30	1	0.04	0.45	13.5	11.6	20.76	2.9	0.6	2.40	42.5	15.48	0.53	374	10
83E04	2005	1459	11	325388	5882355	6		0.71	0.11	3.9	21.3	0.20	1	0.04	8.93	10.6	9.0	13.19	2.1	<0.2	2.11	26.6	12.01	1.20	464	7
83E04	2005	1460	11	303460	5894162	6		0.72	0.03	1.9	28.0	0.13	<1	0.03	0.27	15.6	7.5	11.58	2.2	0.4	1.73	15.9	4.38	0.37	242	10
83E12	2005	1462	11	302071	5934134	6		1.50	0.21	8.9	22.8	0.55	1	0.12	0.26	22.1	17.9	38.35	4.3	1.0	4.51	28.3	31.57	0.66	559	53
83E06	2005	1463	11	339973	5909811	6		0.89	0.39	4.9	328.1	0.21	4	0.11	8.16	12.2	13.9	15.61	2.5	0.6	2.50	14.6	15.99	3.43	656	54
83E06	2005	1464	11	334829	5911642	6	10	1.88	0.63	6.6	42.6	0.48	1	0.07	0.23	23.8	15.2	23.13	5.3	0.9	4.28	29.6	26.53	0.79	509	55
83E06	2005	1465	11	334829	5911642	6	20	1.84	0.62	6.8	42.6	0.45	2	0.08	0.20	24.4	14.7	23.05	5.3	0.7	4.21	34.2	25.71	0.76	576	56
83E06	2005	1466	11	335010	5911660	6		1.84	0.59	6.7	42.1	0.48	1	0.07	0.21	24.0	14.6	23.17	5.6	0.6	4.14	34.8	26.20	0.76	500	47
83E05	2005	1467	11	330276	5907021	6		1.31	0.51	9.6	51.7	0.21	1	0.09	0.68	24.7	12.2	23.35	3.8	1.3	2.73	19.6	18.04	0.62	670	47
83E05	2005	1468	11	331097	5905481	1		1.67	0.51	10.3	88.2	0.31	2	0.10	0.61	33.1	15.8	23.79	5.0	1.4	3.81	21.6	23.72	0.71	1026	54
83E05	2005	1469	11	331143	5905535	6		0.86	0.14	2.1	34.9	0.11	1	0.03	0.21	15.2	8.7	13.20	2.5	3.1	1.72	21.3	11.06	0.47	437	17
83E05	2005	1470	11	329559	5908357	6		0.79	0.31	6.1	22.8	0.19	1	0.04	0.26	12.0	8.4	17.51	2.3	1.3	2.22	43.4	16.28	0.32	425	22
83E05	2005	1471	11	328075	5908848	6		1.72	0.30	9.2	36.7	0.35	1	0.10	0.42	29.1	16.6	27.14	4.9	1.0	4.00	27.8	27.25	0.75	809	31
83E05	2005	1472	11	325303	5910310	1		1.67	0.29	6.0	23.7	0.37	<1	0.06	0.23	29.4	15.3	24.43	5.1	1.9	4.06	31.2	22.75	0.83	566	23
83E05	2005	1473	11	324392	5911009	6		1.64	0.34	6.6	29.8	0.43	1	0.08	0.46	30.6	16.3	29.15	5.1	1.3	4.06	28.1	25.51	0.81	604	31
83E05	2005	1474	11	318720	5913070	6		0.48	0.07	1.8	23.3	0.10	1	0.01	0.06	7.1	4.9	5.86	1.3	1.1	0.94	25.7	6.11	0.25	145	7
83E05	2005	1475	11	308157	5915366	6		1.19	0.16	5.2	36.5	0.25	1	0.05	0.35	18.5	21.0	32.05	3.3	1.4	3.01	40.8	20.93	0.58	681	21
83E05	2005	1476	11	301287	5912694	6		0.91	0.07	1.6	15.1	0.18	<1	0.02	0.15	13.4	9.8	13.81	2.9	<0.2	2.12	37.4	8.68	0.54	286	<5
83E05	2005	1477	11	303069	5913243	6		0.58	0.05	1.9	23.7	0.07	<1	0.02	0.13	7.9	8.2	10.04	1.5	0.5	1.47	31.9	8.61	0.26	353	<5
83E05	2005	1479	11	303645	5914577	6		0.65	0.10	6.9	32.5	0.14	1	0.03	0.11	9.1	10.1	13.36	1.7	1.0	1.76	33.2	12.38	0.24	417	8
83E05	2005	1480	11	303807	5918799	6		0.71	0.12	4.6	30.4	0.13	<1	0.04	0.15	10.7	9.2	13.73	2.1	<0.2	1.84	39.8	9.56	0.31	402	6
83E05	2005	1483	11	303801	5920877	6		1.12	0.23	12.8	17.9	0.40	<1	0.05	0.16	16.9	14.5	28.95	3.2	1.7	3.33	29.9	22.23	0.52	533	9
83E05	2005	1484	11	304433	5922879	6		1.02	0.17	12.4	15.3	0.34	<1	0.06	0.19	14.4	13.2	36.88	2.8	0.8	2.76	30.7	19.35	0.58	704	<5
83E05	2005	1485	11	304975	5924482	6		0.79	0.27	36.7	29.3	0.37	1	0.11	0.20	11.0	16.2	36.82	2.1	5.9	3.34	24.9	24.75	0.33	981	19
83E05	2005	1486	11	305840	5926503	6		0.83	0.40	15.3	52.6	0.28	2	0.22	0.33	11.4	13.1	25.06	2.0	1.2	2.68	21.0	22.54	0.28	1156	45
83E05	2005	1487	11	301327	5928655	6		0.78	0.88	30.0	21.2	0.36	1	0.08	0.11	12.6	17.4	35.81	2.2	3.2	3.46	25.4	16.74	0.30	1145	7
83E05	2005	1488	11	312372	5927780	6		1.10	0.19	9.9	31.9	0.38	1	0.08	0.22	14.2	12.0	20.46	3.1	1.8	2.93	35.4	22.89	0.43	631	30
83E05	2005	1489	11	315256	5922494	6		0.85	0.52	32.2	22.6	0.33	1	0.09	0.13	11.7	15.3	31.50	2.2	3.2	3.15	36.0	25.40	0.41	543	18
83E05	2005	1490	11	313790	5923371	6		0.91	0.13	11.0	32.9	0.31	<1	0.13	0.09	9.7	13.1	18.18	2.4	0.7	2.24	22.9	24.70	0.39	452	15

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
83E04	2005	1446	11	331739	5875795	6		0.32	30.3	0.097	0.01	1.3	0.2	44	0.001	182.5	0.01	0.02	<0.02	13.5	0.003	<0.1	1.5	6	76.0
83E04	2005	1447	11	328357	5900936	6		0.44	18.3	0.083	0.15	0.7	1.8	54	0.003	28.0	0.03	<0.02	0.05	3.4	0.003	<0.1	3.9	6	23.3
83E04	2005	1449	11	328330	5900524	6		0.24	18.6	0.060	0.09	0.9	0.7	36	0.002	18.4	0.01	<0.02	0.03	6.9	0.004	<0.1	2.9	6	37.6
83E04	2005	1450	11	327540	5901270	6		0.23	13.7	0.029	0.09	0.5	0.1	13	0.001	7.3	<0.01	<0.02	0.03	8.2	0.012	<0.1	0.8	4	21.1
83E04	2005	1451	11	323105	5897375	6		0.40	34.1	0.069	0.06	1.4	0.7	51	0.003	16.7	0.01	0.02	0.04	13.1	0.004	<0.1	6.7	8	71.5
83E04	2005	1452	11	322728	5895020	6		0.42	38.5	0.069	0.02	1.1	0.4	84	0.002	20.9	<0.01	0.02	0.02	14.0	0.004	<0.1	3.3	8	67.4
83E04	2005	1453	11	322217	5894920	6		0.37	25.3	0.078	0.02	1.0	0.3	48	0.002	20.3	<0.01	0.03	<0.02	13.9	0.003	<0.1	2.6	6	60.5
83E04	2005	1454	11	322068	5892702	6		0.40	37.1	0.076	0.01	1.2	0.3	60	0.002	168.6	0.05	0.02	<0.02	15.0	0.003	<0.1	2.2	7	65.6
83E04	2005	1455	11	329784	5878813	6		0.41	27.1	0.076	0.03	1.1	0.4	70	0.003	220.2	0.02	0.02	0.02	12.0	0.005	<0.1	1.7	5	52.4
83E04	2005	1456	11	322105	5884427	6		0.28	27.0	0.073	0.01	1.0	0.3	53	0.001	154.2	<0.01	0.03	<0.02	12.1	0.006	<0.1	1.7	5	59.8
83E04	2005	1457	11	321138	5885351	6		0.34	29.8	0.053	0.01	1.1	0.3	60	0.002	268.1	0.05	0.04	<0.02	9.8	0.004	<0.1	1.9	5	51.4
83E04	2005	1458	11	301442	5900898	6		0.20	23.2	0.108	0.04	1.1	0.2	40	0.002	25.4	0.03	0.02	0.02	14.5	0.009	<0.1	1.6	8	51.5
83E04	2005	1459	11	325388	5882355	6		0.22	19.8	0.078	0.07	1.5	0.2	26	0.003	139.0	0.03	<0.02	0.03	9.9	0.006	<0.1	1.1	6	37.7
83E04	2005	1460	11	303460	5894162	6		0.23	17.2	0.090	0.14	1.1	0.2	16	0.002	8.5	<0.01	<0.02	0.13	6.9	0.041	<0.1	1.4	12	29.0
83E12	2005	1462	11	302071	5934134	6		0.61	37.9	0.091	0.03	1.5	0.6	87	0.003	18.3	0.09	0.05	0.03	15.6	0.002	<0.1	6.9	10	98.5
83E06	2005	1463	11	339973	5909811	6		0.28	28.9	0.059	0.09	1.7	0.2	28	0.006	64.2	0.06	<0.02	0.03	6.9	0.002	<0.1	0.8	6	57.6
83E06	2005	1464	11	334829	5911642	6	10	0.24	30.4	0.075	0.06	1.9	0.2	51	0.004	18.7	0.01	0.02	0.03	12.5	0.001	<0.1	4.7	12	97.0
83E06	2005	1465	11	334829	5911642	6	20	0.26	30.5	0.071	0.06	1.9	0.3	45	0.004	19.5	0.01	0.03	0.03	12.5	0.001	<0.1	4.6	11	98.9
83E06	2005	1466	11	335010	5911660	6		0.29	31.2	0.073	0.05	1.9	0.3	49	0.004	19.9	0.02	0.02	0.03	13.5	0.001	<0.1	4.8	11	100.8
83E05	2005	1467	11	330276	5907021	6		0.30	26.1	0.092	0.07	1.4	1.9	51	0.003	70.0	0.10	0.02	0.03	7.2	0.001	<0.1	8.0	10	69.6
83E05	2005	1468	11	331097	5905481	1		0.36	29.9	0.092	0.08	2.7	0.7	73	0.004	87.0	0.06	<0.02	0.06	8.0	0.002	<0.1	2.4	14	79.4
83E05	2005	1469	11	331143	5905535	6		0.17	15.7	0.041	0.07	0.8	0.5	18	0.002	30.9	0.02	<0.02	0.03	8.2	0.004	<0.1	4.8	8	33.4
83E05	2005	1470	11	329559	5908357	6		0.17	17.5	0.074	0.04	1.1	0.2	24	0.002	24.8	0.02	<0.02	0.02	13.0	0.002	<0.1	1.1	5	50.0
83E05	2005	1471	11	328075	5908848	6		0.54	37.1	0.083	0.05	1.7	1.0	48	0.004	40.2	0.08	0.03	0.03	10.5	0.002	<0.1	5.4	10	94.4
83E05	2005	1472	11	325303	5910310	1		0.25	35.2	0.073	0.03	1.5	0.4	39	0.003	24.7	0.04	0.02	0.03	10.3	0.001	<0.1	2.3	11	88.3
83E05	2005	1473	11	324392	5911009	6		0.28	35.9	0.084	0.04	1.7	0.9	53	0.003	45.3	0.06	0.02	0.03	9.9	0.002	<0.1	3.6	10	91.5
83E05	2005	1474	11	318720	5913070	6		0.18	9.9	0.023	0.09	0.4	0.2	18	0.001	9.2	0.01	<0.02	0.03	8.7	0.011	<0.1	1.3	4	14.4
83E05	2005	1475	11	308157	5915366	6		0.40	38.2	0.089	0.12	1.1	0.7	49	0.003	25.7	0.05	0.02	0.06	11.4	0.010	<0.1	4.5	8	65.3
83E05	2005	1476	11	301287	5912694	6		0.22	18.4	0.066	0.05	0.7	0.1	13	0.001	13.3	0.03	0.02	0.02	12.9	0.014	<0.1	1.1	7	43.0
83E05	2005	1477	11	303069	5913243	6		0.20	14.9	0.055	0.09	0.5	0.1	18	0.001	13.9	0.01	<0.02	0.06	9.5	0.026	<0.1	1.0	5	22.9
83E05	2005	1479	11	303645	5914577	6		0.28	16.5	0.043	0.09	0.6	0.3	20	0.002	11.5	0.03	<0.02	0.04	9.5	0.012	<0.1	1.1	6	28.2
83E05	2005	1480	11	303807	5918799	6		0.28	18.2	0.061	0.09	0.7	0.3	21	0.002	16.2	0.03	<0.02	0.03	11.5	0.016	<0.1	2.1	6	36.1
83E05	2005	1483	11	303801	5920877	6		0.42	27.2	0.057	0.03	1.1	0.5	47	0.002	12.6	0.08	0.04	0.02	13.0	0.003	<0.1	3.4	7	67.0
83E05	2005	1484	11	304433	5922879	6		0.30	29.0	0.072	0.03	0.8	0.4	29	0.001	15.5	0.04	0.03	<0.02	13.9	0.003	<0.1	2.3	5	60.8
83E05	2005	1485	11	304975	5924482	6		0.53	33.1	0.055	0.05	1.0	1.4	63	0.002	24.3	0.05	0.07	0.03	11.6	0.002	<0.1	4.1	5	70.9
83E05	2005	1486	11	305840	5926503	6		0.43	36.2	0.081	0.07	0.9	2.3	97	0.003	33.0	0.06	0.03	0.04	9.5	0.002	<0.1	2.6	4	79.8
83E05	2005	1487	11	301327	5928655	6		0.52	42.0	0.054	0.04	1.2	0.8	40	0.002	11.5	0.06	0.03	0.02	16.0	0.002	<0.1	3.1	6	89.8
83E05	2005	1488	11	312372	5927780	6		0.42	23.3	0.072	0.06	1.1	0.5	43	0.003	21.0	0.05	0.03	0.02	13.8	0.002	<0.1	3.3	8	66.5
83E05	2005	1489	11	315256	5922494	6		0.41	33.5	0.058	0.05	1.0	0.5	34	0.002	16.3	0.01	0.03	0.02	16.3	0.001	<0.1	3.9	5	79.3
83E05	2005	1490	11	313790	5923371	6		0.30	21.7	0.046	0.08	0.7	0.4	28	0.001	13.9	0.02	0.03	0.05	14.9	0.003	<0.1	4.3	4	59.3

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
83E05	2005	1491	11	311801	5920538	6	10	0.97	0.28	36.3	30.0	0.32	1	0.09	0.20	13.1	15.6	27.63	2.4	1.4	3.33	19.7	20.07	0.41	1153	33
83E05	2005	1492	11	311801	5920538	6	20	1.00	0.30	36.0	29.1	0.33	1	0.11	0.22	13.3	15.2	28.14	2.5	3.5	3.33	22.2	20.23	0.42	1050	37
83E05	2005	1493	11	311485	5920675	6		1.02	0.14	12.1	38.4	0.25	2	0.13	0.45	12.7	8.2	16.71	2.4	389.9	2.21	22.3	16.50	0.41	602	49
83E12	2005	1494	11	301912	5934039	6		1.48	0.28	14.5	43.6	0.40	1	0.56	0.17	13.9	81.5	47.61	3.0	0.9	3.76	27.0	27.86	0.46	2179	33
83E12	2005	1495	11	301360	5934998	6		1.42	0.22	9.6	34.0	0.45	1	0.07	0.17	18.1	15.1	25.34	4.0	1.2	3.81	25.6	26.71	0.60	396	26
83E12	2005	1496	11	302058	5936201	6		1.20	0.89	13.5	25.1	0.49	1	0.13	0.24	17.7	15.4	29.50	3.3	0.8	3.89	25.8	27.92	0.49	583	34
83E12	2005	1497	11	301518	5936625	6		1.02	0.49	13.9	33.6	0.62	1	0.14	0.21	13.6	14.2	31.80	2.6	1.1	4.06	32.8	31.35	0.35	388	76
83E12	2005	1498	11	302480	5938012	6		1.19	0.30	9.5	19.1	0.40	<1	0.09	0.17	16.5	13.8	29.11	3.3	0.6	3.59	25.4	25.52	0.49	407	34
83E12	2005	1499	11	305166	5938387	6		1.37	0.30	10.4	25.4	0.47	1	0.10	0.33	18.5	15.9	27.40	3.9	0.8	3.73	32.3	29.95	0.56	661	24
83E12	2005	1500	11	307724	5939537	6		1.33	0.37	14.4	33.8	0.65	<1	0.05	0.21	18.3	17.7	33.84	3.9	0.5	4.61	17.0	28.19	0.69	568	28
83E04	2005	1502	11	307410	5891126	6		0.76	0.02	0.9	23.2	0.16	<1	0.03	0.30	17.0	7.3	11.99	2.5	0.2	1.71	18.5	3.05	0.44	217	<5
83E04	2005	1503	11	310903	5888956	6		0.91	0.02	0.5	26.2	0.21	1	0.06	0.35	19.2	12.9	17.35	2.9	0.2	1.91	26.8	4.52	0.47	226	10
83E05	2005	1504	11	304752	5914059	6		1.00	0.11	3.1	23.5	0.21	1	0.03	0.66	14.8	12.5	19.53	2.7	0.2	2.47	41.7	12.45	0.73	662	8
83E05	2005	1505	11	303824	5913247	6		1.36	0.18	4.7	21.8	0.43	1	0.06	0.23	22.3	18.2	36.58	4.1	0.4	3.55	71.2	16.43	0.73	483	9
83E05	2005	1506	11	301674	5912394	6	10	1.48	0.20	5.4	13.4	0.50	1	0.05	0.66	24.0	21.2	47.34	4.5	0.9	3.96	58.0	20.49	0.78	594	<5
83E05	2005	1507	11	301674	5912394	6	20	1.50	0.20	5.5	13.3	0.49	<1	0.04	0.66	24.6	20.6	45.63	4.6	1.1	4.01	57.3	20.23	0.81	587	<5
83E12	2005	1508	11	308181	5939721	6		1.40	0.36	18.5	24.2	0.80	<1	0.14	0.22	19.7	18.1	41.52	4.3	0.7	5.22	13.1	39.20	0.58	867	28
83E12	2005	1509	11	315598	5948428	6		1.89	0.16	4.9	49.5	0.34	1	0.07	0.18	34.4	22.0	31.72	6.2	0.9	4.47	12.1	23.60	0.76	929	44
83E12	2005	1510	11	315899	5948383	6		1.89	0.18	5.4	31.5	0.36	<1	0.08	0.15	30.9	19.3	32.33	6.2	1.0	4.77	12.0	25.54	0.82	1131	37
83E12	2005	1511	11	316133	5948915	6		1.85	0.31	6.0	67.7	0.38	2	0.08	0.18	30.7	19.9	31.65	5.8	0.4	4.40	11.7	27.64	0.70	927	43
83E12	2005	1513	11	313180	5950411	6		1.25	0.24	5.0	27.5	0.27	<1	0.07	1.95	19.7	14.5	22.59	4.0	1.0	3.15	9.3	20.24	0.63	743	16
83E12	2005	1514	11	311128	5950385	6		2.06	0.15	4.6	31.3	0.28	1	0.10	0.13	34.7	20.3	29.99	6.5	0.5	4.94	3.9	20.08	0.84	1062	24
83E12	2005	1515	11	308840	5952070	6		1.79	0.27	7.8	36.5	0.48	<1	0.10	0.22	27.8	22.8	36.98	6.1	0.6	4.61	6.7	36.47	0.78	874	53
83E12	2005	1516	11	308572	5952015	6		1.75	0.17	4.6	21.2	0.31	<1	0.06	0.12	28.3	19.4	36.11	5.7	0.5	4.19	6.3	26.54	0.72	709	23
83E12	2005	1517	11	307167	5949334	6		2.07	0.10	4.5	48.5	0.34	<1	0.11	0.19	34.5	22.6	32.08	6.9	0.9	4.45	8.7	24.55	0.74	1187	38
83E12	2005	1518	11	306790	5949988	6		1.62	0.12	3.6	34.5	0.25	1	0.07	0.17	25.6	13.9	21.75	5.1	0.6	3.71	15.5	18.01	0.61	657	29
83E12	2005	1519	11	304449	5948788	6		1.69	0.10	3.6	65.5	0.24	1	0.07	0.13	27.6	16.8	25.22	5.0	1.0	3.57	7.4	19.65	0.65	625	28
83E12	2005	1520	11	302264	5947367	6		1.29	0.23	5.4	47.3	0.23	1	0.12	0.33	24.9	15.2	22.65	3.8	1.0	3.14	19.6	16.82	0.64	911	17
83E05	2005	1522	11	304321	5904870	6		1.11	0.10	8.3	8.7	0.38	1	0.04	0.50	15.0	11.8	22.80	3.3	0.4	2.71	38.6	17.09	0.55	509	5
83E05	2005	1523	11	304538	5904700	6		1.40	0.09	4.5	6.4	0.35	<1	0.03	0.49	19.5	13.9	27.09	4.3	1.0	3.35	42.2	17.18	0.76	491	6
83E05	2005	1525	11	306861	5905737	6		1.50	0.22	5.3	10.7	0.53	<1	0.04	0.23	23.8	18.5	41.17	4.3	0.7	4.09	57.6	21.73	0.81	533	8
83E05	2005	1526	11	307574	5904799	6		1.20	0.07	5.0	9.7	0.38	<1	0.03	0.27	14.9	13.3	26.47	3.4	0.2	2.95	43.6	18.68	0.59	569	<5
83E05	2005	1527	11	312340	5905776	6		1.22	0.11	4.6	55.3	0.21	2	0.06	0.22	18.3	16.8	18.02	3.3	1.0	2.49	29.0	13.97	0.65	684	12
83E05	2005	1528	11	310319	5905611	6	10	1.11	0.14	4.4	14.4	0.41	<1	0.05	0.27	14.1	13.3	28.69	3.3	<0.2	2.86	40.8	22.03	0.53	547	7
83E05	2005	1529	11	310319	5905611	6	20	1.12	0.12	4.5	14.2	0.40	<1	0.05	0.27	13.9	13.2	28.89	3.2	0.9	2.88	37.9	22.10	0.53	552	7
83E05	2005	1530	11	314517	5903914	6		1.36	0.34	9.8	31.8	0.40	<1	0.07	0.18	19.8	22.6	31.54	3.7	1.5	3.49	40.6	21.29	0.67	548	11
83E05	2005	1531	11	314434	5903889	6		1.50	1.65	71.5	32.8	0.95	1	0.51	0.33	13.7	47.0	68.38	2.3	5.7	7.86	30.7	46.39	0.36	931	22
83E04	2005	1532	11	315267	5898865	6		1.35	0.37	13.1	13.0	0.48	1	0.10	0.27	19.4	15.7	35.10	4.0	13.4	3.78	59.4	23.45	0.65	611	6
83E04	2005	1533	11	315054	5898804	6		1.24	0.24	12.3	18.5	0.44	1	0.11	0.32	18.7	17.3	35.16	3.7	3.8	3.76	49.8	22.58	0.61	600	9
83E04	2005	1534	11	315247	5898790	6		1.68	0.13	10.3	8.6	0.47	<1	0.05	0.29	20.6	20.8	41.95	4.6	0.5	3.79	67.5	23.15	0.81	835	<5

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
83E05	2005	1491	11	311801	5920538	6	10	0.41	36.3	0.063	0.04	1.0	1.5	62	0.002	20.2	0.04	0.03	0.03	11.4	0.001	<0.1	9.4	5	86.0
83E05	2005	1492	11	311801	5920538	6	20	0.40	35.2	0.064	0.04	1.0	1.5	66	0.002	20.7	0.05	0.04	0.03	11.9	0.001	<0.1	10.2	5	84.0
83E05	2005	1493	11	311485	5920675	6		0.37	21.0	0.059	0.06	0.9	1.3	100	0.002	52.0	0.07	0.02	0.05	8.4	0.002	<0.1	7.2	6	63.7
83E12	2005	1494	11	301912	5934039	6		0.61	105.2	0.070	0.06	1.3	1.0	58	0.002	18.8	0.04	0.04	0.04	13.2	0.002	<0.1	8.3	7	201.3
83E12	2005	1495	11	301360	5934998	6		0.37	29.4	0.064	0.06	1.4	0.4	45	0.002	18.5	<0.01	0.04	0.03	18.1	0.002	<0.1	4.2	9	92.4
83E12	2005	1496	11	302058	5936201	6		0.67	32.0	0.091	0.04	1.6	0.9	73	0.003	23.1	0.06	0.03	0.03	14.9	0.001	<0.1	7.3	8	93.5
83E12	2005	1497	11	301518	5936625	6		0.81	31.6	0.080	0.04	1.5	0.7	110	0.003	13.8	0.03	0.04	0.03	14.9	0.001	<0.1	8.9	7	95.1
83E12	2005	1498	11	302480	5938012	6		0.35	28.7	0.077	0.03	1.4	0.4	57	0.002	13.7	0.03	0.03	0.02	16.1	0.002	<0.1	2.7	9	87.1
83E12	2005	1499	11	305166	5938387	6		0.53	29.7	0.108	0.04	1.4	0.6	57	0.003	25.6	0.08	0.04	0.02	16.5	0.001	<0.1	6.1	8	85.5
83E12	2005	1500	11	307724	5939537	6		0.47	33.7	0.076	0.03	2.3	0.3	50	0.005	20.0	0.15	0.07	0.02	12.9	0.001	<0.1	3.2	11	88.2
83E04	2005	1502	11	307410	5891126	6		0.19	18.3	0.097	0.11	1.2	0.4	15	0.003	9.2	0.03	0.02	0.11	7.2	0.039	<0.1	1.3	11	33.3
83E04	2005	1503	11	310903	5888956	6		0.46	40.6	0.121	0.16	1.4	0.7	27	0.005	8.5	0.01	0.03	0.15	8.5	0.040	<0.1	2.3	13	44.2
83E05	2005	1504	11	304752	5914059	6		0.22	25.9	0.080	0.07	1.0	0.4	22	0.002	21.4	0.03	<0.02	0.03	11.0	0.011	<0.1	1.5	7	45.2
83E05	2005	1505	11	303824	5913247	6		0.27	43.5	0.082	0.06	1.4	0.4	38	0.002	29.3	0.02	0.04	0.03	16.9	0.008	<0.1	2.1	9	72.7
83E05	2005	1506	11	301674	5912394	6	10	0.23	46.7	0.082	0.03	1.4	0.2	50	0.002	52.0	0.07	0.05	<0.02	17.2	0.004	<0.1	1.4	10	76.7
83E05	2005	1507	11	301674	5912394	6	20	0.24	45.8	0.083	0.02	1.4	0.2	50	0.002	51.7	0.05	0.04	<0.02	16.7	0.004	<0.1	1.4	10	80.1
83E12	2005	1508	11	308181	5939721	6		0.65	33.3	0.084	0.02	2.7	0.3	42	0.003	12.9	0.10	0.08	0.02	13.6	<0.001	<0.1	3.9	11	112.5
83E12	2005	1509	11	315598	5948428	6		0.39	40.7	0.055	0.07	2.9	0.4	48	0.006	23.2	0.02	0.02	0.04	6.3	0.002	<0.1	2.1	17	101.3
83E12	2005	1510	11	315899	5948383	6		0.43	43.2	0.059	0.05	2.8	0.2	42	0.004	13.7	0.01	0.04	0.03	8.1	0.001	<0.1	1.6	16	105.8
83E12	2005	1511	11	316133	5948915	6		0.44	37.0	0.049	0.06	2.9	0.4	43	0.005	23.1	0.01	0.03	0.05	6.8	0.002	<0.1	1.2	18	99.3
83E12	2005	1513	11	313180	5950411	6		0.30	27.5	0.053	0.04	1.8	0.1	36	0.003	97.0	0.06	0.04	0.03	7.1	0.004	<0.1	0.9	10	68.6
83E12	2005	1514	11	311128	5950385	6		0.44	46.8	0.045	0.03	2.5	0.3	37	0.003	12.2	0.02	0.03	0.02	4.9	0.001	<0.1	1.5	18	107.9
83E12	2005	1515	11	308840	5952070	6		0.40	39.4	0.058	0.04	2.9	0.1	59	0.005	17.6	0.19	0.03	0.03	8.4	0.002	<0.1	2.6	15	108.9
83E12	2005	1516	11	308572	5952015	6		0.38	34.1	0.057	0.04	2.2	0.1	47	0.003	10.2	0.07	0.03	0.02	6.9	0.002	<0.1	1.3	15	90.4
83E12	2005	1517	11	307167	5949334	6		0.44	41.0	0.070	0.07	2.6	0.4	65	0.007	14.0	0.03	<0.02	0.04	6.4	0.001	<0.1	1.7	18	114.9
83E12	2005	1518	11	306790	5949988	6		0.35	29.1	0.050	0.04	1.9	0.4	41	0.004	14.4	0.04	<0.02	0.03	7.4	0.002	<0.1	1.5	14	77.6
83E12	2005	1519	11	304449	5948788	6		0.44	31.8	0.048	0.06	2.0	0.4	39	0.004	12.6	0.01	0.02	0.03	5.3	0.001	<0.1	1.6	14	71.7
83E12	2005	1520	11	302264	5947367	6		0.37	30.6	0.057	0.07	2.0	0.2	41	0.004	19.2	0.03	0.03	0.06	8.1	0.016	<0.1	1.1	19	61.0
83E05	2005	1522	11	304321	5904870	6		0.28	25.3	0.107	0.02	1.0	0.1	26	0.001	34.3	0.02	0.03	<0.02	14.1	0.004	<0.1	1.3	7	52.3
83E05	2005	1523	11	304538	5904700	6		0.23	30.5	0.106	0.01	1.1	0.1	34	0.001	31.2	0.03	0.04	<0.02	16.8	0.003	<0.1	1.8	8	70.3
83E05	2005	1525	11	306861	5905737	6		0.26	42.2	0.090	0.02	1.3	0.2	45	0.001	21.5	0.10	0.03	<0.02	17.7	0.003	<0.1	1.7	8	76.1
83E05	2005	1526	11	307574	5904799	6		0.30	26.1	0.111	0.01	0.9	0.2	29	0.001	27.5	0.04	0.03	<0.02	15.6	0.005	<0.1	1.6	7	61.1
83E05	2005	1527	11	312340	5905776	6		0.36	30.7	0.071	0.18	1.2	0.6	35	0.003	20.9	0.05	0.02	0.08	11.4	0.013	<0.1	4.3	9	40.0
83E05	2005	1528	11	310319	5905611	6	10	0.28	27.5	0.104	0.03	1.0	0.2	48	0.001	22.8	0.03	0.02	<0.02	17.1	0.003	<0.1	1.9	6	64.3
83E05	2005	1529	11	310319	5905611	6	20	0.25	28.2	0.101	0.03	1.0	0.3	47	0.001	22.1	0.04	0.03	<0.02	16.4	0.003	<0.1	2.0	6	61.8
83E05	2005	1530	11	314517	5903914	6		0.37	39.3	0.066	0.08	1.4	0.5	40	0.002	18.2	0.06	0.04	0.05	13.3	0.006	<0.1	5.4	9	68.3
83E05	2005	1531	11	314434	5903889	6		0.73	115.4	0.078	0.03	2.3	1.3	226	0.006	16.6	0.44	0.13	0.02	11.3	0.001	<0.1	11.4	7	248.4
83E04	2005	1532	11	315267	5898865	6		0.42	35.4	0.101	0.02	1.3	0.5	71	0.002	20.9	0.04	0.04	<0.02	18.8	0.003	<0.1	3.7	9	81.9
83E04	2005	1533	11	315054	5898804	6		0.33	41.9	0.089	0.02	1.5	0.4	64	0.002	25.0	0.10	0.02	0.02	15.2	0.003	<0.1	2.9	8	77.9
83E04	2005	1534	11	315247	5898790	6		0.27	40.7	0.086	0.01	1.3	0.1	54	0.001	19.3	0.09	0.03	<0.02	15.9	0.003	<0.1	2.7	9	97.1

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
83E04	2005	1535	11	311231	5899025	6		1.32	0.21	5.6	8.6	0.33	<1	0.04	0.47	17.4	12.1	20.13	3.8	<0.2	3.13	57.1	16.26	0.68	465	<5
83E04	2005	1536	11	311264	5899555	6		1.06	0.19	8.0	7.5	0.33	<1	0.04	1.53	14.3	12.5	27.60	3.2	0.8	2.81	47.1	18.12	0.53	487	<5
83E04	2005	1537	11	309286	5898554	6		1.46	0.12	6.4	7.7	0.35	<1	0.03	1.30	19.3	14.5	31.45	4.6	<0.2	3.49	54.4	17.55	0.80	559	<5
83E04	2005	1538	11	321420	5893016	6		1.07	0.26	9.7	8.4	0.33	1	0.04	0.90	16.5	12.6	27.17	3.2	1.0	3.15	37.4	15.87	0.58	367	<5
83E04	2005	1539	11	320629	5891462	6		0.82	0.36	12.1	11.1	0.35	1	0.12	0.67	14.2	14.2	29.65	2.4	0.9	3.22	34.1	16.00	0.43	392	7
83E04	2005	1540	11	323818	5897805	6		1.39	0.39	15.1	14.3	0.50	1	0.07	0.30	20.1	17.4	30.07	4.2	2.4	4.07	79.2	22.88	0.67	456	6
83E04	2005	1543	11	305499	5892770	6		0.57	0.02	0.8	35.0	0.09	1	0.03	0.36	14.4	5.5	6.33	1.9	0.2	1.71	13.5	3.46	0.30	225	6
83E04	2005	1544	11	310026	5889553	6		0.90	0.03	0.7	21.8	0.16	1	0.04	0.23	21.6	11.8	16.45	3.0	0.9	1.87	23.4	3.60	0.50	212	<5
83E04	2005	1545	11	328745	5883676	6		0.51	0.11	5.2	7.4	0.33	1	0.06	9.47	7.9	12.4	25.78	1.4	0.7	3.04	34.3	15.59	0.41	435	5
83E04	2005	1546	11	332492	5886959	6		1.08	0.26	12.6	12.2	0.38	1	0.08	0.28	17.5	18.1	32.67	3.0	116.3	3.44	38.2	19.33	0.53	491	7
83E04	2005	1547	11	308664	5890314	6		0.85	0.04	0.8	25.6	0.20	1	0.04	0.32	21.7	9.3	13.84	2.9	<0.2	1.99	18.6	3.52	0.49	249	<5
83E04	2005	1548	11	306189	5892281	6		0.79	0.03	1.8	20.9	0.14	1	0.02	0.28	15.4	6.7	11.03	2.7	1.1	1.65	18.7	3.66	0.42	188	7
83E04	2005	1549	11	325672	5902846	6		0.77	0.07	1.5	67.6	0.10	1	0.05	0.14	10.4	9.8	8.33	1.7	1.3	1.13	10.5	8.91	0.33	359	21
83E05	2005	1550	11	323770	5904436	6		1.00	0.10	3.4	29.6	0.16	1	0.05	0.40	15.1	13.7	16.05	2.5	0.2	2.26	24.5	15.42	0.51	532	11
83E05	2005	1551	11	324102	5903479	6		0.86	0.10	3.2	27.4	0.12	1	0.04	0.74	12.3	12.0	12.38	2.1	0.2	2.02	23.7	10.02	0.77	590	<5
83E05	2005	1552	11	323374	5904760	6		1.04	0.10	3.0	29.3	0.16	1	0.05	1.47	15.0	12.7	16.70	2.6	0.6	2.39	19.2	15.35	0.78	572	9
83E03	2005	1553	11	344664	5878387	6		0.80	0.20	9.1	7.7	0.41	<1	0.09	0.24	10.4	14.5	30.78	2.3	85.9	3.18	52.8	16.48	0.38	406	10
83E03	2005	1554	11	342844	5884373	6		0.76	0.14	9.5	16.5	0.24	<1	0.08	0.58	9.9	9.0	17.97	2.0	1.9	2.24	18.0	16.09	0.55	405	8
83E03	2005	1555	11	335791	5892155	6		1.10	0.81	11.6	16.8	0.39	1	0.11	0.31	17.5	15.8	31.16	3.3	5.7	3.62	26.4	20.38	0.51	457	17
83E04	2005	1556	11	330394	5892284	6		0.96	0.15	5.2	33.4	0.23	1	0.05	0.23	14.9	12.3	15.20	2.7	1.6	2.36	31.5	13.29	0.37	608	10
83E04	2005	1557	11	330597	5890702	6		1.22	0.30	7.9	7.4	0.54	<1	0.07	2.30	19.1	19.5	42.73	4.0	1.2	3.99	85.0	26.47	0.59	493	9
83E03	2005	1558	11	335735	5892810	6		1.20	0.32	13.8	17.0	0.54	<1	0.12	0.58	17.1	19.1	39.46	3.4	1.0	4.13	60.5	23.99	0.61	539	11
83E04	2005	1559	11	330222	5892275	6	10	1.37	0.34	15.6	9.4	0.54	<1	0.13	0.54	18.5	22.7	45.34	4.1	2.8	4.30	87.1	23.29	0.68	688	7
83E04	2005	1560	11	330222	5892275	6	20	1.37	0.34	15.3	9.8	0.56	<1	0.13	0.56	18.8	22.5	43.83	4.1	0.7	4.34	88.8	23.47	0.69	666	10
83E03	2005	1562	11	337944	5893721	6		0.87	0.07	2.9	57.3	0.15	2	0.05	2.96	15.6	9.3	10.62	2.2	0.8	2.05	14.9	12.44	1.48	629	23
83E03	2005	1563	11	338123	5893600	6		0.56	0.03	1.7	9.6	0.08	<1	0.03	23.48	9.5	6.2	9.12	1.6	<0.2	1.62	8.3	8.01	2.32	291	6
83E03	2005	1564	11	337126	5893502	6		0.74	0.05	1.7	26.2	0.11	<1	0.03	0.91	11.3	7.5	8.59	1.9	0.5	1.81	12.7	11.18	0.55	350	5
83E04	2005	1565	11	299830	5888709	6	10	1.29	0.03	2.3	5.5	0.14	<1	0.04	0.20	30.5	11.1	17.07	4.1	0.3	2.44	25.3	7.20	0.78	332	5
83E04	2005	1566	11	299830	5888709	6	20	1.19	0.03	2.5	5.1	0.13	<1	0.03	0.19	28.4	10.5	18.49	3.7	0.6	2.27	25.0	7.09	0.71	309	<5
83E04	2005	1568	11	300550	5887912	6		1.18	0.03	1.6	4.9	0.16	<1	0.05	0.20	29.0	12.4	23.83	3.8	0.4	2.38	29.2	6.71	0.72	314	<5
83E04	2005	1569	11	301447	5886624	6		1.44	0.09	6.0	6.1	0.19	<1	0.04	0.19	32.9	13.1	38.46	4.6	0.7	3.00	23.2	8.70	0.84	499	<5
83E04	2005	1570	11	303426	5884460	6		2.32	0.06	1.3	4.7	0.26	<1	0.03	0.14	45.3	22.9	45.51	7.4	3.5	4.30	29.9	4.15	1.36	641	<5
83E04	2005	1571	11	307084	5879994	6		0.65	0.04	1.0	4.2	0.14	<1	0.01	0.08	12.2	4.9	15.77	1.7	0.3	1.45	14.5	1.97	0.36	96	<5
83E04	2005	1572	11	301488	5878870	6		2.13	0.09	2.8	5.5	0.30	<1	0.02	0.12	40.8	15.5	53.64	6.3	1.3	4.18	23.8	3.97	1.27	262	<5
83E04	2005	1573	11	301278	5878880	6		1.28	0.07	2.3	7.9	0.27	<1	0.03	0.12	22.0	13.9	46.32	3.4	0.9	2.89	29.3	4.51	0.78	252	<5
83E04	2005	1574	11	306427	5881116	6		0.94	0.03	0.9	8.8	0.15	<1	0.04	0.12	19.5	8.2	20.02	2.7	0.6	1.82	27.7	2.79	0.52	140	5
83E04	2005	1575	11	313528	5878951	6		1.27	0.04	0.1	26.8	0.26	1	0.01	0.06	19.1	18.2	57.46	2.6	0.9	2.30	32.8	3.91	0.42	313	26
83E04	2005	1576	11	315403	5877466	6		1.30	0.03	0.1	83.2	0.16	<1	0.05	0.16	32.9	12.8	28.30	4.4	0.4	2.28	27.0	3.88	0.86	187	<5
83E04	2005	1577	11	330627	5885183	6		0.85	0.19	12.5	7.7	0.31	<1	0.05	0.29	12.2	12.9	30.20	2.2	40.1	2.59	31.6	16.87	0.42	358	<5
83E04	2005	1578	11	303798	5899331	6		1.11	0.16	6.0	24.7	0.41	1	0.05	1.05	19.4	15.3	26.36	3.5	0.9	3.00	45.9	17.53	0.65	420	14

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
83E04	2005	1535	11	311231	5899025	6		0.24	24.6	0.110	0.01	1.1	0.1	29	0.001	29.1	0.01	0.02	<0.02	15.6	0.003	<0.1	1.3	8	62.0
83E04	2005	1536	11	311264	5899555	6		0.21	26.8	0.096	0.02	1.2	0.1	37	0.001	70.4	0.09	0.05	<0.02	16.5	0.004	<0.1	1.3	7	60.3
83E04	2005	1537	11	309286	5898554	6		0.22	28.9	0.117	0.01	1.3	0.1	43	0.001	68.4	0.02	0.02	<0.02	18.1	0.003	<0.1	1.8	8	73.2
83E04	2005	1538	11	321420	5893016	6		0.31	29.5	0.079	0.01	1.1	0.2	45	0.001	43.0	0.05	0.03	<0.02	14.4	0.003	<0.1	1.7	8	65.0
83E04	2005	1539	11	320629	5891462	6		0.49	56.4	0.078	0.02	1.0	1.3	64	0.002	33.2	0.05	0.05	<0.02	11.0	0.002	<0.1	2.8	6	77.8
83E04	2005	1540	11	323818	5897805	6		0.43	36.3	0.110	0.02	1.3	0.4	55	0.002	27.4	0.04	0.05	0.02	24.6	0.003	<0.1	2.7	9	83.9
83E04	2005	1543	11	305499	5892770	6		0.23	11.6	0.106	0.16	0.9	0.6	19	0.002	10.2	0.03	<0.02	0.12	4.2	0.039	<0.1	1.5	11	21.7
83E04	2005	1544	11	310026	5889553	6		0.26	29.2	0.083	0.13	1.3	0.4	24	0.003	5.9	<0.01	0.02	0.14	6.3	0.037	<0.1	1.7	14	42.3
83E04	2005	1545	11	328745	5883676	6		0.31	31.1	0.084	0.01	1.3	0.4	62	0.002	486.0	0.05	0.03	<0.02	12.4	0.002	<0.1	2.0	3	52.3
83E04	2005	1546	11	332492	5886959	6		0.48	43.6	0.075	0.03	1.1	0.6	67	0.003	21.0	0.03	0.04	0.02	15.0	0.003	<0.1	2.8	6	78.0
83E04	2005	1547	11	308664	5890314	6		0.45	26.6	0.081	0.13	1.4	0.5	24	0.003	9.2	0.01	0.02	0.14	7.0	0.038	<0.1	1.8	14	39.5
83E04	2005	1548	11	306189	5892281	6		0.20	16.6	0.980	0.14	1.0	0.3	18	0.002	6.3	0.02	<0.02	0.14	6.9	0.038	<0.1	1.6	10	34.5
83E04	2005	1549	11	325672	5902846	6		0.35	14.7	0.046	0.11	0.6	0.5	29	0.002	18.4	0.02	<0.02	0.05	6.2	0.003	<0.1	2.1	6	21.2
83E05	2005	1550	11	323770	5904436	6		0.26	20.8	0.087	0.08	1.2	0.2	22	0.003	17.9	0.03	<0.02	0.04	8.0	0.003	<0.1	1.3	6	48.4
83E05	2005	1551	11	324102	5903479	6		0.23	23.1	0.078	0.08	0.9	0.2	15	0.002	14.9	0.04	<0.02	0.04	8.8	0.006	<0.1	1.2	5	29.4
83E05	2005	1552	11	323374	5904760	6		0.33	21.2	0.069	0.07	1.0	0.3	25	0.002	25.5	0.06	<0.02	0.03	7.7	0.003	<0.1	1.1	6	45.5
83E03	2005	1553	11	344664	5878387	6		0.44	36.9	0.082	0.01	1.1	0.4	70	0.001	16.4	0.05	0.03	0.02	16.3	0.004	<0.1	3.2	5	75.3
83E03	2005	1554	11	342844	5884373	6		0.39	18.9	0.058	0.03	0.8	0.2	28	0.001	16.7	0.04	0.03	0.02	9.5	0.003	<0.1	1.8	4	50.1
83E03	2005	1555	11	335791	5892155	6		0.51	42.1	0.090	0.03	1.3	0.6	83	0.003	16.6	0.09	0.04	<0.02	12.0	0.002	<0.1	3.6	7	92.1
83E04	2005	1556	11	330394	5892284	6		0.32	21.7	0.980	0.09	0.9	0.5	32	0.002	22.7	0.04	0.02	0.03	11.1	0.005	<0.1	3.9	7	46.3
83E04	2005	1557	11	330597	5890702	6		0.41	41.0	0.129	0.01	1.5	0.2	80	0.002	84.9	0.17	0.04	<0.02	28.1	0.003	<0.1	2.4	9	90.4
83E03	2005	1558	11	335735	5892810	6		0.44	50.5	0.091	0.03	1.4	0.5	78	0.002	28.4	0.27	0.05	<0.02	17.4	0.002	<0.1	2.4	8	87.4
83E04	2005	1559	11	330222	5892275	6	10	0.44	60.6	0.088	0.01	1.3	0.3	70	0.002	27.4	0.11	0.05	<0.02	16.8	0.002	<0.1	2.5	8	107.3
83E04	2005	1560	11	330222	5892275	6	20	0.44	60.4	0.087	0.01	1.3	0.3	74	0.002	28.3	0.11	0.05	<0.02	17.5	0.002	<0.1	2.5	8	106.6
83E03	2005	1562	11	337944	5893721	6		0.29	14.8	0.076	0.08	2.1	0.9	32	0.003	51.2	0.04	0.02	0.04	5.2	0.003	<0.1	1.6	9	34.8
83E03	2005	1563	11	338123	5893600	6		0.26	10.2	0.025	0.02	2.6	0.3	9	0.004	585.0	0.02	0.03	<0.02	4.3	0.001	<0.1	0.4	5	23.6
83E03	2005	1564	11	337126	5893502	6		0.15	14.3	0.042	0.05	0.7	0.1	13	0.003	15.2	0.05	<0.02	<0.02	7.2	0.002	<0.1	0.6	5	33.6
83E04	2005	1565	11	299830	5888709	6	10	0.23	34.1	0.081	0.02	1.1	0.3	19	0.001	10.1	<0.01	<0.02	<0.02	9.5	0.010	<0.1	2.6	11	59.4
83E04	2005	1566	11	299830	5888709	6	20	0.22	32.1	0.081	0.01	1.1	0.3	18	0.001	9.0	<0.01	0.02	<0.02	9.2	0.010	<0.1	2.5	11	54.3
83E04	2005	1568	11	300550	5887912	6		0.21	38.9	0.095	0.01	1.1	0.2	20	0.001	8.5	<0.01	0.02	<0.02	9.9	0.012	<0.1	1.8	10	55.8
83E04	2005	1569	11	301447	5886624	6		0.23	40.7	0.068	0.01	1.2	<0.1	37	0.001	9.0	0.02	0.03	<0.02	10.2	0.006	<0.1	1.7	12	68.3
83E04	2005	1570	11	303426	5884460	6		0.39	65.6	0.055	0.01	2.1	0.1	39	0.002	3.0	<0.01	0.04	<0.02	14.0	0.007	<0.1	3.1	16	109.7
83E04	2005	1571	11	307084	5879994	6		0.26	9.5	0.034	0.02	0.6	0.1	13	0.001	2.1	<0.01	0.02	0.03	6.7	0.019	<0.1	1.5	6	28.2
83E04	2005	1572	11	301488	5878870	6		0.50	38.5	0.060	0.02	1.7	0.1	62	0.002	2.2	0.03	0.04	<0.02	14.6	0.015	<0.1	3.8	16	106.4
83E04	2005	1573	11	301278	5878880	6		0.81	32.3	0.059	0.04	1.1	0.1	41	0.001	3.2	0.14	0.03	0.05	10.6	0.019	<0.1	2.4	12	67.0
83E04	2005	1574	11	306427	5881116	6		0.24	27.6	0.045	0.03	1.0	0.4	23	0.002	3.3	<0.01	0.02	0.04	5.9	0.017	<0.1	2.5	10	46.8
83E04	2005	1575	11	313528	5878951	6		0.81	14.0	0.046	0.16	1.6	0.6	62	0.005	3.5	0.08	0.02	0.19	7.1	0.040	<0.1	8.9	13	32.8
83E04	2005	1576	11	315403	5877466	6		0.43	37.3	0.061	0.72	1.8	0.2	38	0.014	7.4	0.04	0.02	0.39	8.3	0.126	<0.1	1.8	22	65.0
83E04	2005	1577	11	330627	5885183	6		0.41	29.6	0.057	0.02	0.7	0.3	42	0.001	15.4	<0.01	0.03	<0.02	15.4	0.007	<0.1	2.1	4	55.4
83E04	2005	1578	11	303798	5899331	6		0.33	36.5	0.076	0.04	1.3	0.7	58	0.003	54.9	0.02	0.03	0.02	12.7	0.004	<0.1	1.3	8	68.4

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Al 0.01 % ICPMS	Sb 0.02 ppm ICPMS	As 0.1 ppm ICPMS	Ba 0.5 ppm ICPMS	Bi 0.02 ppm ICPMS	B 1 ppm ICPMS	Cd 0.01 ppm ICPMS	Ca 0.01 % ICPMS	Cr 0.5 ppm ICPMS	Co 0.1 ppm ICPMS	Cu 0.01 ppm ICPMS	Ga 0.1 ppm ICPMS	Au 0.2 ppb ICPMS	Fe 0.01 % ICPMS	La 0.5 ppm ICPMS	Pb 0.01 ppm ICPMS	Mg 0.01 % ICPMS	Mn 1 ppm ICPMS	Hg 5 ppb ICPMS
83E04	2005	1579	11	305090	5898257	1		0.85	0.09	3.2	17.7	0.28	1	0.04	0.83	13.7	11.1	17.76	2.3	0.6	2.51	25.0	12.15	0.50	384	11

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Mo 0.01 ppm ICPMS	Ni 0.1 ppm ICPMS	P 0.001 % ICPMS	K 0.01 % ICPMS	Sc 0.1 ppm ICPMS	Se 0.1 ppm ICPMS	Ag 2 ppb ICPMS	Na 0.001 % ICPMS	Sr 0.5 ppm ICPMS	S 0.02 % ICPMS	Te 0.02 ppm ICPMS	Tl 0.02 ppm ICPMS	Th 0.1 ppm ICPMS	Ti 0.001 % ICPMS	W 0.1 ppm ICPMS	U 0.1 ppm ICPMS	V 2 ppm ICPMS	Zn 0.1 ppm ICPMS
83E04	2005	1579	11	305090	5898257	1		0.33	24.9	0.050	0.04	1.0	0.4	40	0.002	42.4	0.02	<0.02	0.02	7.6	0.006	<0.1	1.4	5	48.1

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
83E04	2005	1402	11	316637	5884263	6		<0.1	<0.5	260	0.5	1	120	2	84	11	1.5	<2	23	5.77	63.3	1.00	<3	46	53
83E04	2005	1403	11	314789	5885581	6		<0.1	0.9	200	1.1	1	110	2	74	12	1.6	<2	15	4.57	52.7	0.70	<3	40	52
83E04	2005	1404	11	312717	5887114	6		<0.1	1.2	350	2.4	1	150	2	84	13	1.8	<2	26	5.07	74.9	0.90	<3	61	66
83E04	2005	1405	11	309042	5895037	6		0.3	4.6	360	8.7	2	190	2	62	12	2.0	<4	10	3.16	98.7	0.56	<4	78	110
83E04	2005	1406	11	311014	5893722	6	10	<0.1	4.7	430	1.1	<1	250	4	65	14	2.6	<2	14	3.68	128.0	0.63	<3	97	100
83E04	2005	1407	11	311014	5893722	6	20	<0.1	5.5	500	1.1	<1	240	4	67	14	2.2	<4	14	3.62	123.0	0.65	<4	97	120
83E04	2005	1408	11	311672	5893181	6		0.3	6.8	430	1.8	<1	210	3	59	14	1.9	<2	8	3.67	112.0	0.52	<4	87	84
83E04	2005	1409	11	313053	5892268	6		<0.1	10.0	380	3.2	3	210	3	56	14	2.0	<2	12	3.65	111.0	0.56	<4	83	90
83E04	2005	1410	11	314773	5890950	6		0.4	11.0	380	4.1	<1	260	2	67	16	2.1	<4	7	3.95	142.0	0.52	<4	100	100
83E04	2005	1411	11	316150	5889770	6		0.3	10.0	360	3.4	<1	280	3	65	14	2.8	<4	9	3.92	157.0	0.61	<4	110	110
83E06	2005	1413	11	342069	5906796	6		0.2	2.2	320	5.3	<1	110	2	41	6	1.2	<2	13	1.70	52.9	0.33	<2	46	71
83E06	2005	1414	11	336512	5907925	6		0.4	6.2	460	2.8	<1	383	3	65	11	3.5	<5	22	2.95	187.0	0.72	<4	160	63
83E06	2005	1415	11	337347	5908736	6		0.7	7.7	610	6.4	<1	394	4	76	12	3.1	<4	19	3.83	205.0	0.78	<5	160	140
83E05	2005	1416	11	329225	5909388	6		1.6	12.0	540	4.3	<1	540	4	83	20	5.0	<5	17	3.83	285.0	0.68	<5	220	100
83E05	2005	1417	11	325175	5911395	6		1.2	12.0	490	22.0	<1	319	5	69	11	3.3	<5	15	3.17	163.0	0.57	8	140	110
83E05	2005	1418	11	322662	5912928	6		0.7	38.0	610	29.0	<1	336	6	79	16	3.1	9	17	4.09	168.0	0.72	<5	140	130
83E05	2005	1419	11	321519	5913214	6		0.7	22.0	330	14.0	<1	606	2	71	11	5.7	<6	28	3.12	302.0	0.94	<5	250	100
83E05	2005	1420	11	319844	5913616	6		1.1	50.2	480	12.0	<1	318	4	74	24	3.3	<5	22	3.92	161.0	0.82	<6	130	91
83E04	2005	1422	11	309077	5879606	6		<0.1	<0.5	320	4.2	<1	140	3	66	12	1.5	<2	12	3.63	69.5	0.51	<3	53	51
83E04	2005	1423	11	307050	5882454	6		<0.1	1.1	360	3.1	1	130	3	72	17	1.7	<2	14	3.88	65.1	0.62	<3	51	72
83E04	2005	1424	11	305156	5884342	6		<0.1	<0.5	550	6.0	<1	110	2	91	12	1.5	<2	11	4.13	59.0	0.49	<3	51	110
83E04	2005	1425	11	309510	5880153	6		<0.1	<0.5	440	3.8	<1	110	5	89	12	1.2	<2	11	3.60	55.1	0.35	<3	45	110
83E04	2005	1426	11	313546	5879596	6		<0.1	0.9	260	5.9	<1	91	2	53	8	1.1	<2	11	3.00	47.0	0.47	<3	41	45
83E05	2005	1427	11	306783	5929806	6		0.4	12.0	590	1.7	<1	305	2	57	13	3.2	<4	24	3.03	152.0	0.87	<5	120	110
83E05	2005	1428	11	306843	5930115	6		0.3	12.0	500	4.6	<1	409	4	77	12	3.8	<6	24	3.91	208.0	0.88	<6	160	98
83E05	2005	1429	11	307341	5929640	6		<0.1	6.5	670	11.0	<1	314	5	83	11	2.6	<5	19	4.10	164.0	0.83	<6	120	110
83E05	2005	1430	11	310446	5927528	6		0.3	15.0	700	2.6	<1	387	4	82	15	3.3	83	22	3.70	197.0	0.80	<6	160	140
83E05	2005	1431	11	307084	5927361	6	10	0.9	19.0	820	1.8	<1	230	6	79	20	2.0	9	9	4.13	125.0	0.61	<5	97	180
83E05	2005	1432	11	307084	5927361	6	20	0.9	19.0	730	2.2	<1	210	5	83	21	2.1	<5	9	4.22	116.0	0.58	<5	86	160
83E05	2005	1433	11	306150	5926126	6		0.4	25.0	540	10.0	<1	160	4	58	13	1.7	<2	15	3.20	77.1	0.65	<4	66	110
83E05	2005	1434	11	304624	5922032	6		0.3	14.0	890	7.7	<1	160	5	82	15	1.6	<4	10	4.07	83.4	0.61	<4	69	190
83E05	2005	1435	11	304273	5919604	6		0.4	17.0	460	22.0	<1	150	3	60	14	1.5	<4	10	3.28	77.7	0.55	<4	58	83
83E05	2005	1436	11	313777	5913123	6		0.5	21.0	460	9.0	<1	240	5	87	17	2.7	46	12	4.25	119.0	0.57	<5	100	120
83E05	2005	1437	11	311268	5914202	6		0.2	7.0	400	11.0	<1	200	3	61	12	2.2	<2	20	3.11	94.5	0.67	<4	84	73
83E05	2005	1438	11	310075	5916005	6		0.5	28.0	480	7.0	<1	345	3	56	12	3.3	<5	25	3.08	174.0	0.86	<5	140	86
83E05	2005	1439	11	309312	5916566	6		0.3	21.0	520	14.0	<1	220	4	52	14	2.3	<5	17	3.25	111.0	0.70	<5	93	110
83E05	2005	1442	11	317119	5913923	6		0.9	38.0	420	10.0	<1	374	4	71	12	3.7	<5	26	3.38	189.0	0.84	<5	160	88
83E06	2005	1443	11	335169	5907431	6	10	0.3	4.6	490	12.0	<1	140	2	57	10	1.5	<2	20	2.56	65.0	0.47	<3	57	83
83E06	2005	1444	11	335169	5907431	6	20	0.3	4.6	460	14.0	<1	140	2	52	10	1.4	<2	21	2.45	63.6	0.48	<4	56	87
83E05	2005	1445	11	307573	5916201	6		0.6	15.0	380	12.0	<1	302	4	59	10	2.7	<5	18	3.11	154.0	0.69	<5	120	77

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
83E04	2005	1402	11	316637	5884263	6		8.7	16.6	1.00	4.9	1.1	14.0	3	4.2	5.8	55	14.63	240	2.17	0.09	141.0	7.82
83E04	2005	1403	11	314789	5885581	6		7.4	14.0	0.93	3.5	0.9	11.0	1	2.8	4.2	68	14.55	210	2.06	0.11	167.0	7.81
83E04	2005	1404	11	312717	5887114	6		10.1	14.2	1.29	5.1	1.2	17.0	3	5.4	5.2	<50	16.14	290	2.37	0.09	177.0	7.66
83E04	2005	1405	11	309042	5895037	6		12.1	8.9	1.05	1.2	1.3	20.6	<1	3.6	3.3	<50	9.07	435	9.51	0.10	349.0	8.30
83E04	2005	1406	11	311014	5893722	6	10	15.3	10.0	1.42	2.0	1.5	25.1	2	4.4	3.9	<50	13.25	390	3.71	0.04	335.0	8.31
83E04	2005	1407	11	311014	5893722	6	20	14.7	10.0	1.42	1.8	1.2	24.5	<1	3.9	4.2	<50	11.53	390	3.63	0.04	284.0	8.39
83E04	2005	1408	11	311672	5893181	6		12.7	10.0	1.34	2.4	1.4	23.5	2	3.8	3.3	58	10.82	390	4.30	0.04	346.0	8.25
83E04	2005	1409	11	313053	5892268	6		13.1	7.8	1.29	1.1	1.2	22.9	<1	4.1	3.6	<50	9.67	270	6.58	0.07	270.0	8.24
83E04	2005	1410	11	314773	5890950	6		15.6	8.9	1.14	<1.0	1.7	26.1	3	3.9	3.6	85	10.02	300	5.53	0.12	377.0	8.15
83E04	2005	1411	11	316150	5889770	6		17.7	8.5	1.15	1.7	1.6	27.5	<1	4.3	3.7	71	13.05	320	4.84	0.12	391.0	8.20
83E06	2005	1413	11	342069	5906796	6		7.0	5.5	0.49	<0.5	0.8	11.0	1	3.5	2.0	<50	14.33	225	2.20	<0.02	140.0	7.94
83E06	2005	1414	11	336512	5907925	6		23.4	8.6	1.19	<1.1	1.8	30.5	<1	6.3	4.5	<50	11.54	480	6.94	0.02	205.0	8.17
83E06	2005	1415	11	337347	5908736	6		23.1	11.7	1.20	<1.3	1.8	34.7	4	6.1	4.8	<50	8.15	540	9.14	0.03	456.0	8.46
83E05	2005	1416	11	329225	5909388	6		31.8	10.6	1.28	<1.3	1.8	35.7	<1	7.1	4.3	<50	15.54	340	4.69	0.02	149.0	7.84
83E05	2005	1417	11	325175	5911395	6		19.8	8.9	1.11	<1.2	1.6	26.8	2	11.0	3.6	<50	8.85	440	11.07	0.02	191.0	7.76
83E05	2005	1418	11	322662	5912928	6		22.1	11.3	0.93	1.9	1.4	33.8	2	10.0	4.5	<50	9.99	360	9.05	<0.02	126.0	7.66
83E05	2005	1419	11	321519	5913214	6		40.3	8.2	1.14	2.8	2.4	42.3	3	6.1	5.8	<50	13.62	260	4.58	0.40	237.0	8.20
83E05	2005	1420	11	319844	5913616	6		21.1	10.0	1.12	<1.1	2.5	32.6	2	11.0	5.0	140	10.40	280	7.70	0.18	153.0	7.72
83E04	2005	1422	11	309077	5879606	6		9.3	10.3	0.64	2.1	1.1	16.0	3	3.7	3.0	<50	14.06	240	6.16	0.04	38.1	6.44
83E04	2005	1423	11	307050	5882454	6		8.4	10.9	1.21	2.3	1.1	13.0	<1	4.3	3.6	53	15.83	270	3.59	0.17	186.0	7.53
83E04	2005	1424	11	305156	5884342	6		7.8	13.0	1.07	2.2	<0.5	14.0	2	3.2	3.0	<50	11.57	280	3.67	0.15	214.0	7.63
83E04	2005	1425	11	309510	5880153	6		7.1	11.1	1.16	2.6	0.7	13.0	4	2.6	2.3	<50	11.29	340	6.61	0.44	68.8	7.03
83E04	2005	1426	11	313546	5879596	6		6.4	9.0	1.08	1.7	1.0	9.0	<1	3.3	2.9	<50	13.10	250	6.13	0.58	153.0	7.76
83E05	2005	1427	11	306783	5929806	6		19.7	8.3	1.18	2.7	2.0	34.0	2	7.0	5.3	<50	13.18	210	3.80	<0.02	60.0	7.27
83E05	2005	1428	11	306843	5930115	6		26.6	11.2	1.09	1.6	2.4	38.4	4	10.0	5.3	<50	8.65	330	6.53	<0.02	74.4	7.41
83E05	2005	1429	11	307341	5929640	6		19.4	13.2	1.00	1.7	1.8	36.0	2	13.0	5.1	75	8.89	500	9.31	0.31	167.0	7.64
83E05	2005	1430	11	310446	5927528	6		24.9	11.6	0.89	<1.2	2.0	38.5	2	9.1	5.1	<50	8.84	360	5.31	0.03	138.0	7.59
83E05	2005	1431	11	307084	5927361	6	10	14.6	13.4	0.68	1.8	1.7	33.0	3	5.2	3.9	<50	6.95	360	4.87	0.06	249.0	8.03
83E05	2005	1432	11	307084	5927361	6	20	13.7	13.7	0.70	2.1	1.3	31.9	3	4.9	3.6	<50	6.23	360	4.73	0.04	228.0	8.14
83E05	2005	1433	11	306150	5926126	6		10.8	8.7	1.36	2.2	1.1	26.3	2	6.7	3.8	59	11.82	240	6.39	0.11	168.0	7.94
83E05	2005	1434	11	304624	5922032	6		11.1	13.5	0.77	0.9	1.6	25.5	3	6.3	3.8	59	8.88	320	6.55	0.02	158.0	7.75
83E05	2005	1435	11	304273	5919604	6		10.2	9.3	0.87	<0.5	0.9	21.3	2	7.1	3.5	54	7.35	400	17.98	0.40	223.0	7.99
83E05	2005	1436	11	313777	5913123	6		15.6	12.9	1.00	2.4	1.7	25.4	2	5.8	3.6	51	9.16	550	11.10	0.12	172.0	7.92
83E05	2005	1437	11	311268	5914202	6		13.3	9.1	0.88	1.9	1.9	21.2	4	5.5	4.1	<50	12.35	380	7.08	0.05	237.0	8.06
83E05	2005	1438	11	310075	5916005	6		22.7	8.2	1.17	1.7	2.1	33.1	3	8.5	5.3	<50	11.74	240	6.10	0.04	115.0	7.70
83E05	2005	1439	11	309312	5916566	6		14.3	8.1	1.10	1.6	1.7	27.7	3	7.6	4.1	<50	9.29	280	8.99	<0.02	82.8	7.54
83E05	2005	1442	11	317119	5913923	6		24.6	10.0	1.04	1.4	2.2	33.9	4	7.8	5.4	<50	11.35	270	6.99	0.20	202.0	7.85
83E06	2005	1443	11	335169	5907431	6	10	9.0	8.0	0.79	1.0	1.2	17.0	<1	6.4	2.9	<50	14.10	320	5.00	<0.02	110.0	7.63
83E06	2005	1444	11	335169	5907431	6	20	8.8	7.8	0.77	1.5	1.0	17.0	<1	6.7	2.8	<50	14.64	330	4.99	<0.02	106.0	7.58
83E05	2005	1445	11	307573	5916201	6		19.1	8.1	1.16	2.4	1.2	27.9	2	6.4	4.1	<50	10.64	290	7.99	0.24	124.0	7.83

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
83E04	2005	1446	11	331739	5875795	6		0.3	7.1	580	1.3	3	160	4	68	12	1.5	<5	6	3.99	81.6	0.48	<3	66	120
83E04	2005	1447	11	328357	5900936	6		<0.1	3.6	370	47.0	<1	69	2	46	9	0.9	<2	21	1.55	30.0	0.34	<4	28	55
83E04	2005	1449	11	328330	5900524	6		<0.1	2.6	440	16.0	<1	130	2	62	9	1.5	<2	23	2.47	59.2	0.59	<3	57	96
83E04	2005	1450	11	327540	5901270	6		<0.1	1.2	350	1.0	<1	120	<1	43	10	1.3	<2	38	1.76	51.8	0.71	<3	49	58
83E04	2005	1451	11	323105	5897375	6		0.8	16.0	440	6.8	<1	240	4	66	14	2.4	<4	14	3.61	120.0	0.55	<4	97	86
83E04	2005	1452	11	322728	5895020	6		0.3	14.0	460	3.7	<1	280	3	65	20	3.1	<5	21	3.59	157.0	0.78	<4	130	91
83E04	2005	1453	11	322217	5894920	6		0.3	5.8	400	4.4	<1	200	3	56	11	1.9	<4	17	3.24	103.0	0.62	<4	86	95
83E04	2005	1454	11	322068	5892702	6		0.4	14.0	400	<0.5	4	250	2	60	17	2.3	<4	24	3.97	127.0	0.78	7	100	94
83E04	2005	1455	11	329784	5878813	6		<0.1	6.5	370	3.4	4	180	3	49	13	1.6	<2	12	3.47	93.8	0.55	<3	75	83
83E04	2005	1456	11	322105	5884427	6		0.2	5.9	320	1.1	3	190	3	48	12	1.7	9	14	3.49	100.0	0.56	<3	76	83
83E04	2005	1457	11	321138	5885351	6		<0.1	8.4	270	1.0	6	180	3	44	13	1.9	<2	17	3.45	93.9	0.60	<3	76	64
83E04	2005	1458	11	301442	5900898	6		0.2	5.5	310	0.8	<1	280	2	54	12	2.7	16	31	3.09	138.0	0.88	<4	110	71
83E04	2005	1459	11	325388	5882355	6		0.3	4.5	310	2.6	7	160	3	44	9	1.4	<2	22	2.45	80.7	0.64	<3	70	61
83E04	2005	1460	11	303460	5894162	6		<0.1	2.2	300	1.1	<1	120	2	45	9	1.6	<2	26	3.22	61.1	0.67	<3	50	52
83E12	2005	1462	11	302071	5934134	6		<0.3	10.0	670	8.2	<1	439	6	92	18	3.8	<6	17	4.92	225.0	0.80	<6	180	140
83E06	2005	1463	11	339973	5909811	6		0.6	5.5	1900	3.8	7	280	3	54	16	2.6	<4	11	2.95	141.0	0.50	<4	110	88
83E06	2005	1464	11	334829	5911642	6	10	1.0	9.1	640	4.3	<1	230	7	77	16	1.8	<5	10	4.60	125.0	0.62	<5	93	160
83E06	2005	1465	11	334829	5911642	6	20	0.9	8.0	640	4.6	<1	250	8	79	15	2.1	<5	10	4.64	134.0	0.61	<5	100	140
83E06	2005	1466	11	335010	5911660	6		0.8	9.0	540	4.6	<1	300	8	83	15	2.5	<5	11	4.59	155.0	0.68	<5	130	140
83E05	2005	1467	11	330276	5907021	6		0.6	9.0	410	51.6	<1	150	3	59	13	1.8	<6	12	3.08	72.8	0.47	<6	64	78
83E05	2005	1468	11	331097	5905481	1		0.7	9.0	600	24.0	<1	130	5	78	15	1.5	<6	9	4.22	64.3	0.50	<5	63	130
83E05	2005	1469	11	331143	5905535	6		0.3	4.1	450	14.0	<1	140	2	51	9	1.3	<4	32	2.16	63.7	0.56	<4	56	72
83E05	2005	1470	11	329559	5908357	6		0.5	7.9	300	2.6	<1	350	2	46	9	3.3	<4	23	2.58	174.0	0.77	<4	140	56
83E05	2005	1471	11	328075	5908848	6		0.4	10.0	640	20.0	<1	306	5	81	15	3.0	<5	11	4.24	150.0	0.57	<5	130	120
83E05	2005	1472	11	325303	5910310	1		0.3	6.5	520	8.1	<1	270	4	84	15	2.3	<4	12	4.50	134.0	0.67	<4	120	110
83E05	2005	1473	11	324392	5911009	6		0.7	9.0	550	21.0	<1	230	5	83	17	2.3	<5	9	4.59	116.0	0.63	<5	98	140
83E05	2005	1474	11	318720	5913070	6		<0.1	2.0	420	2.4	<1	130	<1	36	5	1.1	<2	24	1.35	56.9	0.51	<3	49	57
83E05	2005	1475	11	308157	5915366	6		<0.1	4.8	570	18.0	<1	170	4	75	21	1.9	<4	14	3.75	78.4	0.57	<4	76	110
83E05	2005	1476	11	301287	5912694	6		0.3	2.2	440	<0.5	<1	230	2	53	10	2.5	12	21	3.04	109.0	0.70	<3	92	69
83E05	2005	1477	11	303069	5913243	6		<0.1	2.2	410	1.6	<1	170	1	49	10	2.2	<2	40	2.65	74.0	1.00	<3	66	70
83E05	2005	1479	11	303645	5914577	6		0.2	8.0	350	2.1	<1	220	2	44	11	2.4	<2	37	2.67	97.5	0.93	<4	88	63
83E05	2005	1480	11	303807	5918799	6		<0.1	5.0	330	4.0	<1	240	2	49	10	2.8	<2	44	2.86	105.0	1.20	<4	92	67
83E05	2005	1483	11	303801	5920877	6		0.5	15.0	650	3.3	<1	270	4	66	14	2.7	<5	14	3.85	138.0	0.59	<5	110	110
83E05	2005	1484	11	304433	5922879	6		0.4	15.0	520	3.6	<1	280	3	56	14	2.7	34	16	3.44	143.0	0.68	<4	120	120
83E05	2005	1485	11	304975	5924482	6		0.4	38.0	510	13.0	<1	210	4	55	15	2.1	<5	18	3.92	104.0	0.72	<5	86	110
83E05	2005	1486	11	305840	5926503	6		0.4	14.0	480	37.0	<1	200	3	52	13	2.1	<5	17	3.07	98.1	0.63	<5	94	110
83E05	2005	1487	11	301327	5928655	6		1.3	33.0	460	2.9	<1	498	4	85	17	4.1	11	26	4.13	265.0	1.00	<5	210	120
83E05	2005	1488	11	312372	5927780	6		0.4	11.0	490	6.2	<1	401	3	64	11	4.0	<6	22	3.37	204.0	0.83	6	170	110
83E05	2005	1489	11	315256	5922494	6		0.8	34.0	800	3.6	<1	220	5	80	17	2.5	<5	19	3.89	109.0	0.77	<5	94	130
83E05	2005	1490	11	313790	5923371	6		<0.2	12.0	660	3.9	<1	170	4	54	13	1.7	<2	14	3.15	86.5	0.58	<4	74	120

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
83E04	2005	1446	11	331739	5875795	6		10.2	11.1	1.24	2.0	1.4	20.7	3	3.3	2.8	67	10.56	330	7.52	0.04	350.0	8.16
83E04	2005	1447	11	328357	5900936	6		5.0	5.5	0.32	0.8	0.6	12.0	<1	5.9	2.0	<50	7.69	330	12.05	<0.02	60.7	6.99
83E04	2005	1449	11	328330	5900524	6		9.1	8.6	0.46	<0.5	0.9	18.0	<1	6.0	3.4	<50	13.31	300	7.09	0.05	82.0	7.46
83E04	2005	1450	11	327540	5901270	6		8.4	6.6	0.51	0.7	1.1	17.0	1	4.6	4.1	<50	18.20	130	1.80	0.09	90.6	7.18
83E04	2005	1451	11	323105	5897375	6		15.2	9.4	1.13	<0.5	1.5	24.6	<1	8.2	3.4	<50	13.09	350	5.61	0.08	156.0	7.77
83E04	2005	1452	11	322728	5895020	6		19.9	8.7	1.05	<0.5	1.7	29.5	2	6.3	4.7	<50	10.69	290	7.05	0.10	106.0	7.43
83E04	2005	1453	11	322217	5894920	6		12.6	8.3	1.32	1.4	1.2	22.3	2	4.8	3.6	55	9.32	230	4.80	<0.02	152.0	7.88
83E04	2005	1454	11	322068	5892702	6		15.9	8.7	1.38	1.8	1.8	27.4	<1	6.1	4.8	<50	13.22	270	7.39	0.05	440.0	8.15
83E04	2005	1455	11	329784	5878813	6		11.6	7.9	1.14	1.6	1.2	22.0	<1	4.2	3.5	<50	11.60	330	9.49	0.05	363.0	8.12
83E04	2005	1456	11	322105	5884427	6		11.6	7.2	1.29	2.3	1.2	21.5	2	4.9	3.5	<50	13.15	280	7.49	0.06	363.0	8.13
83E04	2005	1457	11	321138	5885351	6		11.9	6.7	1.20	1.6	1.1	21.4	<1	4.5	3.6	<50	14.28	200	10.31	0.06	275.0	8.33
83E04	2005	1458	11	301442	5900898	6		17.5	7.9	1.40	1.5	1.8	28.0	3	5.3	5.5	<50	13.23	400	2.50	0.03	114.0	7.60
83E04	2005	1459	11	325388	5882355	6		10.7	7.1	0.66	<0.5	1.1	20.1	<1	4.9	4.0	<50	10.17	420	13.79	0.04	163.0	7.82
83E04	2005	1460	11	303460	5894162	6		8.4	7.9	1.06	2.1	0.9	12.0	<1	4.4	4.0	<50	15.55	240	2.50	0.07	105.0	7.70
83E12	2005	1462	11	302071	5934134	6		27.1	13.7	1.12	2.2	2.4	40.8	<3	10.0	5.2	<50	10.05	600	6.68	0.03	77.5	7.44
83E06	2005	1463	11	339973	5909811	6		17.2	8.1	0.71	1.4	1.8	21.6	2	3.0	3.1	<50	12.85	480	18.76	0.04	163.0	7.78
83E06	2005	1464	11	334829	5911642	6	10	13.7	13.3	1.24	1.7	1.4	26.5	3	8.0	3.9	64	10.10	750	6.59	0.02	71.3	7.40
83E06	2005	1465	11	334829	5911642	6	20	14.5	12.9	1.25	<0.5	1.7	26.6	<3	7.6	3.8	68	9.52	780	6.38	0.02	72.5	7.29
83E06	2005	1466	11	335010	5911660	6		17.3	13.1	1.25	1.4	1.6	28.7	<3	7.9	4.1	59	10.43	750	6.59	0.02	75.0	7.45
83E05	2005	1467	11	330276	5907021	6		10.0	9.2	0.89	<0.5	1.0	17.0	<3	9.0	3.0	<50	6.10	730	18.50	0.02	97.5	7.58
83E05	2005	1468	11	331097	5905481	1		9.1	13.0	1.03	1.3	0.9	19.0	<3	3.9	3.0	<50	6.83	900	12.94	ns	ns	ns
83E05	2005	1469	11	331143	5905535	6		9.0	7.5	0.71	<0.5	1.0	17.0	<2	8.7	3.3	<50	12.75	280	4.93	0.02	200.0	8.00
83E05	2005	1470	11	329559	5908357	6		21.5	6.4	1.36	1.3	2.2	30.9	<2	5.4	4.7	<50	15.05	250	4.12	0.03	138.0	7.56
83E05	2005	1471	11	328075	5908848	6		19.3	11.7	1.12	1.2	1.8	26.3	3	8.0	3.7	53	8.18	230	9.13	0.02	87.5	7.60
83E05	2005	1472	11	325303	5910310	1		16.7	12.0	1.28	2.2	1.4	28.3	3	6.0	4.1	<50	12.58	460	5.63	ns	ns	ns
83E05	2005	1473	11	324392	5911009	6		14.2	12.6	1.09	<0.5	1.6	25.8	3	6.0	3.8	58	7.65	620	11.22	0.02	138.0	7.65
83E05	2005	1474	11	318720	5913070	6		8.2	5.0	0.53	1.2	0.9	15.0	2	3.8	3.0	<50	15.40	120	1.50	0.03	95.0	7.16
83E05	2005	1475	11	308157	5915366	6		11.2	11.1	0.82	1.3	1.2	20.4	<2	7.3	3.4	<50	9.73	460	8.63	0.03	150.0	7.70
83E05	2005	1476	11	301287	5912694	6		15.1	8.5	1.33	1.9	1.1	23.9	<2	4.7	4.3	<50	12.75	240	2.41	0.04	700.0	7.20
83E05	2005	1477	11	303069	5913243	6		11.9	7.3	0.93	1.1	1.7	21.2	2	5.4	6.4	<50	14.50	230	2.31	0.03	21.3	7.38
83E05	2005	1479	11	303645	5914577	6		14.1	7.0	1.00	1.9	1.9	23.6	<1	6.2	5.5	<50	13.69	230	3.40	0.03	21.3	7.16
83E05	2005	1480	11	303807	5918799	6		16.0	7.6	0.87	1.3	2.1	26.9	<2	7.2	7.2	<50	12.15	240	3.20	0.03	53.8	7.39
83E05	2005	1483	11	303801	5920877	6		17.2	10.0	1.18	1.1	1.7	29.1	<3	6.3	3.6	<50	9.08	280	4.41	0.02	70.0	7.47
83E05	2005	1484	11	304433	5922879	6		18.4	9.1	1.02	1.1	1.5	31.0	<2	6.0	4.4	<50	12.37	210	3.60	0.03	96.3	7.95
83E05	2005	1485	11	304975	5924482	6		13.8	9.0	1.10	2.3	1.2	29.5	<3	7.3	4.4	63	9.72	230	7.00	0.03	85.0	8.03
83E05	2005	1486	11	305840	5926503	6		13.3	7.7	1.07	1.9	1.3	25.2	4	5.0	4.0	<50	6.93	240	15.10	0.03	31.3	7.48
83E05	2005	1487	11	301327	5928655	6		30.7	12.0	1.14	2.0	2.4	40.5	4	8.0	6.3	<50	14.93	280	4.60	0.03	104.0	7.78
83E05	2005	1488	11	312372	5927780	6		26.3	9.0	1.26	2.1	1.7	37.5	<3	7.1	5.1	<50	10.71	330	5.30	0.03	70.0	7.69
83E05	2005	1489	11	315256	5922494	6		14.9	11.7	1.18	<0.5	1.4	34.0	<3	9.0	4.7	<50	10.88	480	4.29	0.03	78.8	7.78
83E05	2005	1490	11	313790	5923371	6		11.5	9.3	1.18	1.7	1.3	25.8	<3	7.5	3.7	<50	11.19	200	4.30	0.02	32.5	7.40

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
83E05	2005	1491	11	311801	5920538	6	10	0.6	43.0	520	18.0	<1	240	4	66	17	2.9	<5	21	3.88	122.0	0.82	<7	100	110
83E05	2005	1492	11	311801	5920538	6	20	0.4	36.0	440	16.0	1	220	3	64	13	2.1	<6	20	3.73	114.0	0.78	9	100	110
83E05	2005	1493	11	311485	5920675	6		<0.1	11.0	520	11.0	<1	260	3	48	8	2.9	<4	18	2.62	136.0	0.73	<4	94	110
83E12	2005	1494	11	301912	5934039	6		0.3	16.0	700	10.0	<1	160	5	62	79	2.2	<5	11	4.39	89.4	0.69	<5	64	170
83E12	2005	1495	11	301360	5934998	6		0.3	10.0	920	4.8	<1	150	6	80	15	1.9	<5	11	4.43	81.6	0.69	<4	58	210
83E12	2005	1496	11	302058	5936201	6		1.0	13.0	730	12.0	<1	220	5	70	17	2.2	<5	14	4.24	127.0	0.84	<4	87	160
83E12	2005	1497	11	301518	5936625	6		0.6	14.0	830	8.5	<1	240	6	80	14	2.7	<5	12	4.48	139.0	0.74	<4	87	180
83E12	2005	1498	11	302480	5938012	6		0.5	11.0	470	2.9	<1	210	4	51	16	2.3	<5	16	4.07	118.0	0.81	<4	73	110
83E12	2005	1499	11	305166	5938387	6		0.4	11.0	410	5.5	<1	386	3	50	16	3.7	<6	22	4.09	217.0	0.86	<5	150	120
83E12	2005	1500	11	307724	5939537	6		0.5	16.0	640	2.3	<1	210	6	75	18	2.2	<5	14	5.03	121.0	0.74	<4	77	150
83E04	2005	1502	11	307410	5891126	6		<0.1	<0.5	300	3.0	<1	120	1	40	11	2.0	<2	21	3.92	67.8	0.65	<3	52	49
83E04	2005	1503	11	310903	5888956	6		<0.1	<0.5	320	6.6	1	130	2	55	16	2.0	<4	17	4.29	71.5	0.67	<3	56	64
83E05	2005	1504	11	304752	5914059	6		<0.1	3.0	270	6.6	<1	180	2	39	14	2.1	<2	28	3.22	90.2	0.91	<3	65	59
83E05	2005	1505	11	303824	5913247	6		<0.1	4.2	330	4.5	1	220	3	59	20	2.7	<2	18	4.12	126.0	0.70	<4	84	87
83E05	2005	1506	11	301674	5912394	6	10	0.3	6.8	350	<0.5	1	230	4	57	23	2.9	<5	14	4.41	129.0	0.67	<4	88	95
83E05	2005	1507	11	301674	5912394	6	20	<0.2	5.6	400	<0.5	<1	240	4	61	23	2.8	<5	18	4.60	132.0	0.78	<4	90	100
83E12	2005	1508	11	308181	5939721	6		0.5	19.0	530	1.8	<1	315	4	60	19	3.5	<6	23	5.59	176.0	1.00	<5	120	100
83E12	2005	1509	11	315598	5948428	6		0.3	6.3	620	7.5	<1	130	3	84	23	1.6	<5	11	5.12	66.8	0.65	<4	50	130
83E12	2005	1510	11	315899	5948383	6		0.4	7.2	510	1.2	<1	140	3	74	21	1.7	<4	10	5.13	73.0	0.71	<3	57	110
83E12	2005	1511	11	316133	5948915	6		0.4	7.8	620	4.6	<1	140	6	87	20	1.4	<5	8	5.02	72.4	0.59	<4	57	110
83E12	2005	1513	11	313180	5950411	6		0.3	5.8	440	<0.5	2	93	2	53	15	1.1	<2	6	3.67	49.0	0.41	<3	34	79
83E12	2005	1514	11	311128	5950385	6		0.2	6.5	600	4.4	<1	120	4	91	23	1.7	<5	8	5.47	64.0	0.59	<3	54	100
83E12	2005	1515	11	308840	5952070	6		0.4	9.0	610	1.4	<1	130	4	74	23	1.8	<5	15	5.03	69.1	0.82	<5	52	140
83E12	2005	1516	11	308572	5952015	6		0.3	5.6	520	0.8	<1	120	3	75	22	1.5	<2	18	4.71	62.8	0.79	<3	43	120
83E12	2005	1517	11	307167	5949334	6		<0.1	5.0	610	8.0	<1	130	4	87	23	1.7	<5	9	4.88	66.0	0.60	<3	48	140
83E12	2005	1518	11	306790	5949988	6		0.4	5.7	520	5.8	<1	170	4	69	16	2.0	<2	17	4.14	90.3	0.72	<3	60	110
83E12	2005	1519	11	304449	5948788	6		<0.1	4.2	580	9.0	<1	110	4	74	16	1.5	<2	13	3.92	54.3	0.58	<3	43	120
83E12	2005	1520	11	302264	5947367	6		0.4	6.6	480	1.5	<1	170	3	64	17	2.0	<4	13	3.84	85.3	0.64	<3	59	96
83E05	2005	1522	11	304321	5904870	6		<0.1	8.4	290	1.2	<1	210	2	40	14	2.1	<4	13	3.46	124.0	0.61	<4	76	82
83E05	2005	1523	11	304538	5904700	6		<0.2	4.6	420	1.2	<1	220	4	58	15	2.3	<5	9	4.04	125.0	0.63	<4	82	100
83E05	2005	1525	11	306861	5905737	6		0.4	7.3	430	1.9	<1	280	4	59	22	2.8	<5	10	4.67	157.0	0.64	<4	100	110
83E05	2005	1526	11	307574	5904799	6		0.2	6.6	560	2.0	<1	230	3	51	15	2.3	<5	11	3.67	133.0	0.64	<4	84	130
83E05	2005	1527	11	312340	5905776	6		<0.1	5.0	640	11.0	<1	170	2	69	18	1.9	<4	19	3.59	82.7	0.65	<3	63	110
83E05	2005	1528	11	310319	5905611	6	10	0.3	5.5	450	3.7	<1	230	2	36	13	2.4	<2	15	3.35	126.0	0.66	<4	81	90
83E05	2005	1529	11	310319	5905611	6	20	<0.1	4.7	450	3.3	<1	220	3	42	14	2.3	<5	14	3.43	121.0	0.69	<4	85	100
83E05	2005	1530	11	314517	5903914	6		0.5	11.0	520	9.4	<1	230	4	66	24	2.5	<5	15	4.19	124.0	0.63	<5	87	110
83E05	2005	1531	11	314434	5903889	6		1.8	80.0	420	12.0	<1	301	6	70	49	3.6	35	6	8.19	187.0	0.61	<7	120	95
83E04	2005	1532	11	315267	5898865	6		0.3	13.0	480	5.9	<1	190	4	60	18	2.3	<5	12	4.47	109.0	0.54	<4	73	100
83E04	2005	1533	11	315054	5898804	6		0.4	13.0	560	1.9	<1	260	3	60	16	2.9	<5	13	4.26	147.0	0.74	<4	100	100
83E04	2005	1534	11	315247	5898790	6		<0.2	11.0	410	<0.5	<1	240	3	53	22	2.4	<5	8	4.48	143.0	0.60	<4	91	95

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
83E05	2005	1491	11	311801	5920538	6	10	15.9	10.2	1.07	1.7	2.0	28.3	5	14.0	5.0	<50	9.58	270	7.90	0.03	106.0	7.78
83E05	2005	1492	11	311801	5920538	6	20	14.8	10.0	1.03	2.1	1.1	26.7	<3	14.0	4.7	<50	8.18	250	8.11	0.03	103.0	7.71
83E05	2005	1493	11	311485	5920675	6		18.0	10.0	0.87	<1.1	1.7	27.4	1	12.0	4.6	51	7.41	320	14.46	0.03	77.5	7.77
83E12	2005	1494	11	301912	5934039	6		12.8	12.6	0.91	3.0	1.6	24.4	2	12.0	4.6	210	8.34	420	7.96	0.03	75.0	7.70
83E12	2005	1495	11	301360	5934998	6		10.0	15.9	0.63	<0.5	1.3	28.9	<1	8.0	4.4	120	6.61	430	6.69	0.03	150.0	7.77
83E12	2005	1496	11	302058	5936201	6		14.7	14.4	1.09	1.6	1.8	32.7	2	12.0	5.5	110	8.14	460	7.39	0.05	62.5	7.70
83E12	2005	1497	11	301518	5936625	6		16.1	14.3	0.87	1.4	1.8	31.7	2	14.0	5.3	120	8.41	500	7.36	0.05	138.0	7.70
83E12	2005	1498	11	302480	5938012	6		14.6	10.9	1.12	2.1	1.6	29.1	3	6.9	5.2	140	10.67	330	4.90	0.03	100.0	7.53
83E12	2005	1499	11	305166	5938387	6		26.9	11.9	1.25	2.9	2.3	38.4	<1	11.0	5.9	110	9.18	420	5.58	0.03	138.0	7.85
83E12	2005	1500	11	307724	5939537	6		15.2	15.2	1.39	<1.0	1.7	30.7	2	8.1	5.1	160	10.76	480	5.28	0.03	213.0	8.06
83E04	2005	1502	11	307410	5891126	6		9.1	10.0	1.23	3.9	1.5	13.0	<1	4.2	3.9	82	14.41	200	2.39	0.10	150.0	8.03
83E04	2005	1503	11	310903	5888956	6		10.0	12.2	1.11	2.8	1.1	16.0	2	4.7	4.0	92	11.39	320	3.90	0.11	125.0	7.84
83E05	2005	1504	11	304752	5914059	6		13.2	8.8	0.80	1.9	1.8	20.8	<1	5.1	5.7	58	12.86	300	4.08	0.04	175.0	7.94
83E05	2005	1505	11	303824	5913247	6		16.0	10.5	1.31	3.6	1.8	24.1	2	5.0	4.5	72	10.73	400	4.04	0.04	138.0	7.85
83E05	2005	1506	11	301674	5912394	6	10	16.1	11.3	1.31	2.8	1.9	24.7	<1	4.1	4.4	130	9.73	330	3.78	0.04	200.0	8.02
83E05	2005	1507	11	301674	5912394	6	20	16.6	12.0	1.29	<1.0	1.9	25.4	<1	4.3	4.9	100	10.54	350	3.83	0.03	200.0	8.13
83E12	2005	1508	11	308181	5939721	6		24.5	14.5	1.01	2.5	3.2	36.0	3	9.3	7.0	120	12.68	380	4.79	0.03	175.0	7.62
83E12	2005	1509	11	315598	5948428	6		10.0	16.6	1.02	1.5	1.3	19.0	3	5.1	3.9	140	8.11	580	6.89	0.04	175.0	7.40
83E12	2005	1510	11	315899	5948383	6		10.6	15.0	1.17	<0.5	2.0	20.0	2	4.5	4.6	140	10.61	480	4.76	0.04	150.0	7.10
83E12	2005	1511	11	316133	5948915	6		10.5	16.6	1.05	<0.5	1.8	19.0	2	4.4	3.8	140	8.62	660	7.85	0.04	92.5	7.26
83E12	2005	1513	11	313180	5950411	6		6.9	10.0	1.29	0.9	1.1	14.0	<1	2.6	2.7	100	16.49	290	4.81	0.05	96.3	7.45
83E12	2005	1514	11	311128	5950385	6		9.5	17.3	1.08	<0.5	1.2	17.0	<1	4.6	3.7	150	11.68	450	5.91	0.04	156.0	7.42
83E12	2005	1515	11	308840	5952070	6		10.6	15.5	1.10	1.9	2.0	21.0	<1	5.9	5.2	140	12.88	450	4.79	0.04	115.0	7.61
83E12	2005	1516	11	308572	5952015	6		10.0	15.1	1.08	1.3	1.5	19.0	2	5.4	5.0	100	15.00	390	3.93	0.03	68.8	7.24
83E12	2005	1517	11	307167	5949334	6		10.0	16.6	1.00	2.2	1.5	18.0	<1	5.0	4.0	110	8.73	600	8.87	0.04	138.0	7.34
83E12	2005	1518	11	306790	5949988	6		13.0	13.5	1.08	1.6	1.8	21.4	2	5.1	4.6	120	14.22	440	6.65	0.04	62.5	7.40
83E12	2005	1519	11	304449	5948788	6		8.3	13.4	0.76	0.9	1.2	16.0	1	5.7	3.5	96	10.44	400	6.59	0.03	48.8	7.33
83E12	2005	1520	11	302264	5947367	6		12.2	11.4	1.17	<0.5	1.3	20.0	2	3.8	4.1	110	10.00	440	5.14	0.04	100.0	7.57
83E05	2005	1522	11	304321	5904870	6		13.8	8.7	1.53	1.2	1.8	22.9	<1	2.9	4.1	92	12.68	290	3.37	0.04	200.0	8.06
83E05	2005	1523	11	304538	5904700	6		13.7	11.6	1.53	1.4	1.7	25.2	2	4.3	4.0	86	9.85	300	3.25	0.04	175.0	8.00
83E05	2005	1525	11	306861	5905737	6		18.7	11.3	1.36	<0.5	1.7	28.8	2	4.9	4.3	90	11.04	300	3.61	0.03	150.0	7.90
83E05	2005	1526	11	307574	5904799	6		15.7	10.3	1.37	1.4	1.9	28.2	2	4.2	4.2	88	12.35	240	3.02	0.03	138.0	7.67
83E05	2005	1527	11	312340	5905776	6		11.9	11.7	1.00	2.1	1.3	22.1	2	7.0	4.1	74	9.83	530	5.80	0.03	75.0	7.12
83E05	2005	1528	11	310319	5905611	6	10	15.4	8.6	1.48	2.3	1.9	27.6	3	4.5	4.2	110	11.91	270	3.22	0.03	104.0	7.42
83E05	2005	1529	11	310319	5905611	6	20	14.9	8.7	1.47	2.5	1.8	27.2	<1	5.2	4.2	99	12.25	280	3.34	0.03	100.0	7.64
83E05	2005	1530	11	314517	5903914	6		16.4	11.9	1.01	2.1	1.6	23.9	2	9.3	4.0	110	12.18	460	5.04	0.03	80.0	7.35
83E05	2005	1531	11	314434	5903889	6		21.5	12.5	1.06	1.6	2.1	28.4	2	15.0	4.0	290	10.95	550	9.74	0.04	163.0	7.66
83E04	2005	1532	11	315267	5898865	6		13.0	11.1	1.56	1.9	1.1	21.8	2	5.4	3.8	99	10.27	280	4.80	0.03	150.0	7.83
83E04	2005	1533	11	315054	5898804	6		17.6	10.9	1.25	<0.5	1.6	29.8	3	7.5	4.8	79	9.71	320	4.83	0.02	102.0	7.89
83E04	2005	1534	11	315247	5898790	6		15.9	10.5	1.39	1.5	1.5	23.8	2	5.4	3.8	110	11.66	330	3.15	0.05	188.0	7.57

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
83E04	2005	1535	11	311231	5899025	6		<0.2	7.5	320	<1.0	<1	210	3	48	14	2.1	<5	9	3.83	114.0	0.63	<4	80	100
83E04	2005	1536	11	311264	5899555	6		0.3	8.9	360	<0.5	2	230	3	37	14	2.6	<5	10	3.33	127.0	0.60	<4	88	72
83E04	2005	1537	11	309286	5898554	6		<0.1	6.0	400	<0.5	1	220	4	46	15	2.1	<5	8	4.10	126.0	0.70	<4	80	99
83E04	2005	1538	11	321420	5893016	6		0.4	10.0	440	1.5	<1	210	4	55	12	2.3	<5	19	3.71	108.0	0.76	<4	79	79
83E04	2005	1539	11	320629	5891462	6		0.3	12.0	400	17.0	<1	140	3	52	15	1.7	<4	13	3.66	80.4	0.53	<3	56	91
83E04	2005	1540	11	323818	5897805	6		0.6	17.0	510	3.2	<1	393	3	50	18	4.3	<6	18	4.55	224.0	0.80	<5	150	120
83E04	2005	1543	11	305499	5892770	6		<0.1	<0.5	340	6.6	1	110	2	35	7	1.1	<2	24	2.85	50.5	0.59	<2	41	52
83E04	2005	1544	11	310026	5889553	6		<0.1	<0.5	400	5.4	1	110	3	57	14	1.5	<2	11	3.51	60.4	0.47	<3	43	85
83E04	2005	1545	11	328745	5883676	6		0.2	5.5	420	2.9	10	140	3	43	13	1.4	<2	8	3.50	78.6	0.49	<3	56	93
83E04	2005	1546	11	332492	5886959	6		0.4	13.0	640	6.7	<1	270	5	66	18	2.8	<5	19	4.20	147.0	0.76	<4	100	130
83E04	2005	1547	11	308664	5890314	6		<0.1	<0.5	290	6.8	1	120	2	59	12	1.8	<2	17	4.47	63.5	0.71	<3	52	55
83E04	2005	1548	11	306189	5892281	6		<0.1	2.6	360	4.2	1	120	2	44	8	1.5	<2	25	3.51	68.5	0.67	<3	52	82
83E04	2005	1549	11	325672	5902846	6		<0.1	2.0	360	14.0	<1	76	1	47	12	0.8	4	26	1.62	34.0	0.44	<3	29	62
83E05	2005	1550	11	323770	5904436	6		0.2	4.8	450	5.4	<1	150	3	55	15	1.8	<2	24	2.99	67.5	0.78	<4	58	89
83E05	2005	1551	11	324102	5903479	6		0.2	4.2	390	4.7	<1	150	2	53	13	1.9	<2	27	2.82	67.0	0.91	<3	53	69
83E05	2005	1552	11	323374	5904760	6		<0.1	3.6	440	9.0	2	140	2	58	14	1.7	<2	20	3.11	67.8	0.69	<4	52	92
83E03	2005	1553	11	344664	5878387	6		0.3	11.0	380	3.7	<1	270	3	44	15	2.7	48	20	3.85	161.0	0.76	<4	100	100
83E03	2005	1554	11	342844	5884373	6		0.3	13.0	520	3.7	<1	210	3	41	10	2.0	<4	21	2.76	104.0	0.80	<3	79	94
83E03	2005	1555	11	335791	5892155	6		1.0	13.0	460	8.5	<1	250	4	72	17	2.6	<5	19	4.13	128.0	0.84	<4	94	110
83E04	2005	1556	11	330394	5892284	6		0.2	5.6	390	5.5	<1	210	3	51	14	2.5	<4	31	3.07	101.0	1.10	<5	77	87
83E04	2005	1557	11	330597	5890702	6		0.3	8.3	320	<1.2	3	365	3	55	20	3.7	<6	14	4.72	206.0	0.83	<5	140	86
83E03	2005	1558	11	335735	5892810	6		0.6	17.0	370	2.3	<1	290	3	56	19	2.8	<6	19	4.78	174.0	0.81	<5	120	100
83E04	2005	1559	11	330222	5892275	6	10	0.4	20.0	410	2.4	<1	260	4	64	24	3.2	<6	10	5.10	196.0	0.59	<5	120	120
83E04	2005	1560	11	330222	5892275	6	20	0.6	20.0	540	2.8	<1	260	4	60	24	2.7	<6	10	5.06	187.0	0.63	<5	130	100
83E03	2005	1562	11	337944	5893721	6		<0.1	2.6	370	26.0	3	110	3	52	10	1.2	<2	27	2.59	51.0	0.66	<3	41	75
83E03	2005	1563	11	338123	5893600	6		<0.1	1.9	160	2.2	26	45	2	37	7	0.6	<2	2	1.76	25.0	0.14	<1	20	46
83E03	2005	1564	11	337126	5893502	6		0.1	2.5	380	2.0	1	120	2	38	8	1.3	<2	27	2.21	55.3	0.65	<2	47	76
83E04	2005	1565	11	299830	5888709	6	10	0.2	3.0	610	3.8	<1	130	4	95	13	1.8	<2	13	3.98	66.8	0.63	<3	51	100
83E04	2005	1566	11	299830	5888709	6	20	<0.1	2.4	470	4.0	<1	130	3	87	13	1.7	<2	13	3.82	66.6	0.58	<3	51	83
83E04	2005	1568	11	300550	5887912	6		<0.1	1.6	400	1.8	<1	120	2	80	15	1.6	<2	10	3.99	65.0	0.54	<3	49	78
83E04	2005	1569	11	301447	5886624	6		0.5	8.3	400	<0.5	<1	150	3	82	15	2.0	<4	10	4.11	78.8	0.60	<3	57	84
83E04	2005	1570	11	303426	5884460	6		<0.2	2.1	870	1.5	<1	130	8	160	25	1.6	<5	4	5.90	60.9	0.40	<4	54	200
83E04	2005	1571	11	307084	5879994	6		<0.1	1.7	180	<0.5	<1	180	2	45	7	2.0	<2	14	3.41	96.1	0.60	<3	69	57
83E04	2005	1572	11	301488	5878870	6		<0.1	1.9	910	<1.2	<1	120	7	160	17	1.7	<5	7	5.91	57.2	0.59	<4	47	210
83E04	2005	1573	11	301278	5878880	6		<0.1	2.3	540	<0.5	<1	210	4	89	16	3.1	<5	13	4.87	120.0	0.87	<4	88	120
83E04	2005	1574	11	306427	5881116	6		<0.1	<0.5	320	8.7	<1	120	3	63	10	1.5	<2	9	3.55	74.6	0.47	<3	56	74
83E04	2005	1575	11	313528	5878951	6		<0.1	<1.1	320	10.0	2	200	3	62	19	3.9	<5	12	5.22	89.1	1.10	<6	97	54
83E04	2005	1576	11	315403	5877466	6		<0.1	<0.5	890	<0.5	<1	95	4	100	13	1.5	<4	8	3.35	53.9	0.44	<3	41	120
83E04	2005	1577	11	330627	5885183	6		0.3	16.0	410	3.4	<1	250	3	44	14	3.0	81	24	3.86	136.0	1.00	<4	95	110
83E04	2005	1578	11	303798	5899331	6		0.2	6.0	380	16.0	<1	200	4	58	15	2.3	<5	14	3.68	105.0	0.72	<4	82	94

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
83E04	2005	1535	11	311231	5899025	6		13.4	10.0	1.47	2.4	1.7	22.3	<1	5.1	4.0	81	9.03	330	2.96	0.04	200.0	8.10
83E04	2005	1536	11	311264	5899555	6		14.9	7.8	1.44	1.9	1.6	25.4	2	4.7	3.9	<50	10.70	240	3.81	0.05	288.0	8.29
83E04	2005	1537	11	309286	5898554	6		13.2	10.7	1.55	1.3	2.0	26.2	2	3.9	4.5	110	12.34	280	3.80	0.05	269.0	7.98
83E04	2005	1538	11	321420	5893016	6		13.7	9.4	1.42	<0.5	1.6	25.2	2	5.4	4.7	94	10.46	260	4.01	0.03	213.0	7.96
83E04	2005	1539	11	320629	5891462	6		10.0	8.7	1.49	1.0	1.3	19.0	<1	5.3	3.2	100	8.59	330	10.00	0.08	263.0	8.15
83E04	2005	1540	11	323818	5897805	6		26.8	10.9	1.18	1.6	2.0	40.1	3	6.2	5.4	68	11.44	450	4.30	0.04	206.0	7.54
83E04	2005	1543	11	305499	5892770	6		7.7	7.0	0.83	2.2	0.9	11.0	<1	3.6	3.6	<50	13.89	200	3.90	0.08	150.0	7.75
83E04	2005	1544	11	310026	5889553	6		8.2	10.3	1.26	2.4	1.1	12.0	2	4.2	2.8	88	13.96	240	3.99	0.07	77.5	7.68
83E04	2005	1545	11	328745	5883676	6		10.0	8.5	1.20	2.2	1.2	19.0	<1	4.2	3.1	95	13.67	210	14.27	0.04	51.3	7.89
83E04	2005	1546	11	332492	5886959	6		18.3	12.5	1.11	1.0	1.8	33.8	<1	7.1	4.8	120	10.62	350	4.91	0.03	194.0	7.57
83E04	2005	1547	11	308664	5890314	6		8.8	11.6	1.12	2.7	0.8	13.0	<1	4.6	4.2	82	11.59	180	3.80	0.08	137.0	7.69
83E04	2005	1548	11	306189	5892281	6		9.3	9.2	1.43	3.6	0.8	14.0	<1	5.1	3.8	55	14.65	230	3.19	0.07	85.0	7.80
83E04	2005	1549	11	325672	5902846	6		5.3	5.7	0.35	1.1	0.9	15.0	<1	4.9	2.5	<50	16.15	360	7.37	0.03	43.8	7.05
83E05	2005	1550	11	323770	5904436	6		10.5	10.1	0.61	1.2	1.4	19.0	2	4.0	4.8	<50	12.71	340	5.90	0.03	100.0	7.79
83E05	2005	1551	11	324102	5903479	6		10.8	10.0	0.53	0.6	1.5	19.0	2	5.2	5.3	<50	14.28	240	4.49	0.03	138.0	7.94
83E05	2005	1552	11	323374	5904760	6		10.4	10.3	0.62	1.4	1.3	19.0	3	4.7	4.2	58	14.95	240	7.10	0.03	200.0	7.06
83E03	2005	1553	11	344664	5878387	6		18.9	9.4	1.45	1.6	2.1	32.0	3	7.9	4.9	100	13.76	270	3.91	0.03	118.0	7.90
83E03	2005	1554	11	342844	5884373	6		14.2	8.5	0.91	1.5	1.7	26.7	2	6.3	4.7	60	11.46	240	4.20	0.03	105.0	7.99
83E03	2005	1555	11	335791	5892155	6		16.7	12.0	1.18	1.4	1.8	28.5	2	8.0	5.2	100	9.42	380	6.20	0.04	150.0	7.88
83E04	2005	1556	11	330394	5892284	6		15.0	10.0	0.74	0.9	2.0	25.0	<1	9.2	6.9	<50	14.47	360	4.30	0.03	85.0	7.76
83E04	2005	1557	11	330597	5890702	6		22.9	10.7	1.49	2.3	1.8	42.2	4	5.6	5.5	110	10.80	360	5.40	0.09	388.0	8.30
83E03	2005	1558	11	335735	5892810	6		20.3	10.7	1.31	2.1	2.1	31.6	<2	6.2	5.0	120	10.37	350	4.21	0.04	150.0	7.91
83E04	2005	1559	11	330222	5892275	6	10	20.5	11.8	1.33	0.9	2.0	30.7	<2	4.4	4.2	120	14.25	390	4.30	0.04	188.0	8.05
83E04	2005	1560	11	330222	5892275	6	20	19.9	11.6	1.31	2.6	2.2	29.9	3	4.5	4.2	110	11.74	390	4.19	0.04	175.0	7.92
83E03	2005	1562	11	337944	5893721	6		7.8	8.5	0.43	1.3	1.2	16.0	<1	5.5	3.6	<50	9.73	570	14.00	0.03	150.0	8.06
83E03	2005	1563	11	338123	5893600	6		2.9	5.6	0.21	<0.5	<0.5	7.0	<1	0.9	0.9	<50	16.41	500	32.24	0.10	225.0	8.23
83E03	2005	1564	11	337126	5893502	6		8.4	7.3	0.43	<0.5	1.4	17.0	2	4.3	3.9	<50	17.50	270	3.29	0.03	106.0	8.12
83E04	2005	1565	11	299830	5888709	6	10	9.3	12.5	1.00	1.6	1.1	15.0	3	5.0	3.7	57	11.97	320	3.31	0.03	87.5	7.90
83E04	2005	1566	11	299830	5888709	6	20	9.2	11.1	0.93	2.2	1.2	15.0	<1	4.8	3.5	85	10.38	280	3.30	0.04	95.0	7.90
83E04	2005	1568	11	300550	5887912	6		8.8	10.5	1.00	1.7	0.9	14.0	<1	3.4	3.2	59	13.59	230	2.69	0.07	118.0	7.91
83E04	2005	1569	11	301447	5886624	6		10.8	10.7	0.77	1.6	1.1	18.0	2	3.9	3.5	75	13.28	300	2.50	0.03	110.0	7.87
83E04	2005	1570	11	303426	5884460	6		8.9	23.3	0.87	1.6	1.2	18.0	4	3.8	2.5	130	7.02	580	5.13	0.04	120.0	7.88
83E04	2005	1571	11	307084	5879994	6		12.8	8.7	0.49	2.1	0.9	16.0	<1	3.7	3.5	52	17.50	180	1.40	0.07	80.0	5.13
83E04	2005	1572	11	301488	5878870	6		10.0	20.9	0.63	1.1	1.4	20.4	4	6.6	3.7	150	8.39	650	4.43	0.06	87.5	7.04
83E04	2005	1573	11	301278	5878880	6		16.6	14.1	0.62	3.0	1.7	21.6	2	5.3	5.2	78	13.82	330	2.51	0.06	77.5	6.95
83E04	2005	1574	11	306427	5881116	6		9.5	10.0	0.56	1.9	0.9	13.0	2	4.6	2.8	53	14.22	180	3.81	0.05	86.3	7.38
83E04	2005	1575	11	313528	5878951	6		24.0	15.0	0.60	3.1	2.7	18.0	3	12.0	7.0	64	11.43	380	9.22	0.19	125.0	4.73
83E04	2005	1576	11	315403	5877466	6		8.1	15.1	0.88	1.0	1.3	14.0	3	4.1	2.9	100	13.22	350	2.61	0.09	138.0	7.03
83E04	2005	1577	11	330627	5885183	6		17.3	9.1	1.03	2.7	2.3	35.8	3	6.5	6.0	76	15.02	160	2.82	0.03	342.0	8.00
83E04	2005	1578	11	303798	5899331	6		13.9	10.9	1.15	2.0	1.7	22.7	<2	5.1	4.5	74	11.25	400	8.83	0.09	399.0	8.12

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sb 0.1 ppm INAA	As 0.5 ppm INAA	Ba 50 ppm INAA	Br 0.5 ppm INAA	Ca 1 % INAA	Ce 3 ppm INAA	Cs 1 ppm INAA	Cr 5 ppm INAA	Co 1 ppm INAA	Eu 0.2 ppm INAA	Au 2 ppb INAA	Hf 1 ppm INAA	Fe 0.01 % INAA	La 0.5 ppm INAA	Lu 0.05 ppm INAA	Mo 1 ppm INAA	Nd 5 ppm INAA	Rb 15 ppm INAA
83E04	2005	1579	11	305090	5898257	1		<0.1	3.4	420	8.9	<1	160	3	42	12	1.7	<5	13	3.01	82.3	0.57	<4	61	86

MAP	YEAR	SAMPLE ID	UTM ZONE	UTM EAST	UTM NORTH	MAT	REP	Sm 0.1 ppm INAA	Sc 0.1 ppm INAA	Na 0.01 % INAA	Ta 0.5 ppm INAA	Tb 0.5 ppm INAA	Th 0.2 ppm INAA	W 1 ppm INAA	U 0.5 ppm INAA	Yb 0.2 ppm INAA	Zn 50 ppm INAA	Wt 0.01 gm GRAV	F 10 ppm ION	LOI 0.1 ppm GRAV	FW 20 mgL ION	CND 1 uS SNR	pH 0.1 SNR
83E04	2005	1579	11	305090	5898257	1		11.0	8.3	1.13	0.9	1.5	18.0	2	4.6	3.5	<50	9.61	320	6.84	ns	ns	ns

REGIONAL STREAM SEDIMENT AND WATER GEOCHEMICAL DATA

SOUTHEASTERN BRITISH COLUMBIA

(NTS 82N, 83C, 83D AND 83E)

*** SUMMARY STATISTICS ***

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Notes:

- Calculations ignore missing values and analytical results from the second (STA=20) of paired field duplicate samples.
- Data reported by the labs at less than detection limit is set at half the detection limit.

Summary Statistics

Variable	Al	Sb	As	Ba	Bi	B	Cd	Ca	Cr	Co	Cu	Ga	Au	Fe	La	Pb	Mg	Mn	Hg
Units	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppb	%	ppm	ppm	%	ppm	ppb
D.L.	0.01	0.02	0.1	0.5	0.02	1.0	0.01	0.01	0.5	0.1	0.01	0.1	0.2	0.01	0.5	0.01	0.01	1	5
Anal Mth	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS
N	1409	1409	1409	1409	1409	1409	1409	1409	1409	1409	1409	1409	1409	1409	1409	1409	1409	1409	1409
N > DL	1409	1111	1310	1409	1402	443	1379	1409	1409	1409	1409	1409	1154	1409	1409	1409	1409	1409	995
Missing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	1.13	0.19	5.13	67.91	0.30	1.56	0.12	3.71	24.26	13.43	27.58	3.53	3.28	2.53	21.75	11.07	1.15	433.2	14.67
Median	1.11	0.08	2.30	38.40	0.24	1.00	0.06	0.50	21.20	12.60	24.30	3.30	0.60	2.45	17.10	8.91	0.75	396.0	10.00
Mode	0.95	0.02	0.05	21.20	0.22	1.00	0.04	0.25	15.60	11.40	17.51	2.40	0.10	3.11	15.80	3.96	0.61	389.0	2.50
Range	4.35	4.86	160.15	1140.7	7.36	14.5	6.445	39.98	121.5	121.6	407.73	11.0	556.1	7.61	691.8	198.80	11.85	5386	839.5
St Dev	0.51	0.35	9.58	91.58	0.37	1.54	0.33	6.72	14.77	7.72	19.17	1.76	21.93	0.94	25.43	9.41	1.32	277.16	26.39
Coef Var	0.449	1.819	1.866	1.349	1.251	0.992	2.747	1.813	0.609	0.575	0.695	0.500	6.691	0.370	1.169	0.850	1.154	0.640	1.798
Log Mean	-0.004	-1.087	0.281	1.605	-0.642	0.062	-1.176	-0.047	1.310	1.075	1.360	0.483	-0.175	0.371	1.225	0.946	-0.082	2.578	0.962
Geo Mean	0.99	0.08	1.91	40.27	0.23	1.15	0.07	0.90	20.40	11.87	22.93	3.04	0.67	2.35	16.78	8.83	0.83	378.6	9.17
Log StDv	0.243	0.560	0.676	0.437	0.303	0.312	0.370	0.707	0.265	0.220	0.276	0.260	0.536	0.179	0.301	0.289	0.315	0.225	0.414
Log CVar	-60.673	-0.515	2.405	0.273	-0.472	5.034	-0.315	-15.043	0.202	0.205	0.203	0.539	-3.063	0.483	0.246	0.306	-3.845	0.087	0.430
Percntls																			
Minimum	0.06	0.01	0.05	3.4	0.01	0.5	0.005	0.02	1.4	0.9	0.71	0.2	0.1	0.25	1.6	0.86	0.05	24	2.5
10th	0.47	0.02	0.20	11.1	0.09	0.5	0.030	0.18	9.1	6.2	9.86	1.4	0.1	1.40	6.9	3.83	0.38	196	2.5
20th	0.68	0.02	0.50	16.3	0.14	0.5	0.030	0.24	12.7	8.4	14.48	2.1	0.3	1.72	9.5	4.78	0.47	249	2.5
30th	0.84	0.03	0.90	22.2	0.18	1.0	0.040	0.30	15.5	9.9	17.56	2.5	0.4	1.99	12.3	5.91	0.56	298	6.0
40th	0.98	0.05	1.60	28.6	0.21	1.0	0.050	0.38	18.3	11.3	21.14	2.9	0.5	2.22	14.8	7.18	0.65	350	7.0
50th	1.11	0.08	2.30	38.4	0.24	1.0	0.060	0.50	21.2	12.6	24.30	3.3	0.6	2.45	17.1	8.91	0.75	396	10.0
60th	1.24	0.11	3.30	54.8	0.28	1.0	0.070	0.69	24.6	13.9	28.13	3.8	0.8	2.69	19.5	10.64	0.85	440	12.0
70th	1.38	0.17	4.90	70.9	0.32	2.0	0.090	1.36	28.8	15.4	32.29	4.3	1.0	3.00	23.0	12.94	1.02	494	16.0
80th	1.54	0.27	7.30	98.2	0.37	2.0	0.120	6.29	33.2	17.2	37.84	5.0	1.3	3.32	29.1	16.09	1.32	561	21.0
85th	1.65	0.35	9.40	119.0	0.41	3.0	0.140	9.16	37.0	18.3	42.28	5.3	1.6	3.51	32.7	18.20	1.69	608	26.0
90th	1.76	0.45	12.20	151.8	0.46	3.0	0.170	13.76	42.5	20.2	47.70	5.8	2.3	3.76	37.9	21.16	2.36	682	31.0
95th	1.95	0.76	17.60	209.2	0.61	4.0	0.260	20.28	51.2	23.1	55.72	6.6	5.3	4.14	52.8	25.30	3.35	825	43.0
98th	2.18	1.17	32.20	317.1	1.00	6.0	0.580	25.93	66.0	30.8	69.83	7.9	22.8	4.61	74.3	30.28	6.13	1046	54.0
99th	2.35	1.56	40.40	390.3	1.46	8.0	1.700	28.34	76.2	37.6	77.08	8.4	82.8	4.96	95.6	36.61	7.49	1268	63.0
Maximum	4.41	4.87	160.20	1144.1	7.37	15.0	6.450	40.00	122.9	122.5	408.44	11.2	556.2	7.86	693.4	199.66	11.90	5410	842.0

Summary Statistics

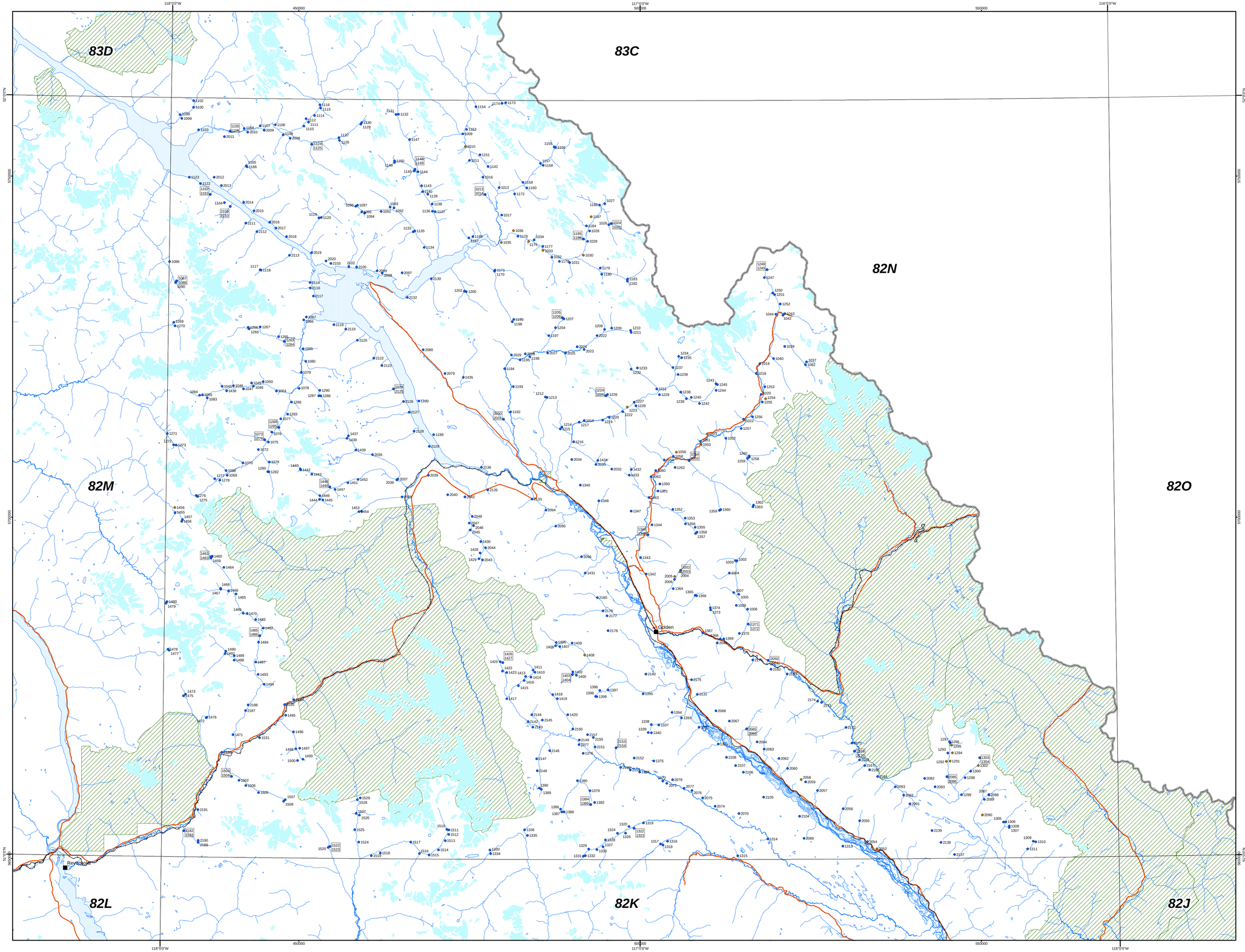
Variable	Mo	Ni	P	K	Sc	Se	Ag	Na	Sr	S	Te	Tl	Th	Ti	W	U	V	Zn
Units	ppm	ppm	%	%	ppm	ppm	ppb	%	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm
D.L.	0.01	0.1	0.001	0.01	0.1	0.1	2	0.001	0.5	0.01	0.02	0.02	0.1	.001	0.1	0.1	2	0.1
Anal Mth	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS	ICPMS
N	1409	1409	1409	1409	1409	1409	1409	1409	1409	1409	1409	1409	1409	1409	1409	1409	1409	1409
N > DL	1409	1409	1409	1327	1408	1213	1409	1263	1409	1115	502	950	1408	1293	294	1408	1389	1409
Missing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	0.78	29.47	0.11	0.20	2.14	0.52	50.5	0.01	77.18	0.06	0.02	0.12	8.00	0.05	0.29	2.57	17.4	58.51
Median	0.44	27.40	0.08	0.06	2.00	0.40	39.0	0.01	23.70	0.04	0.02	0.05	6.80	0.01	0.05	1.70	12.0	54.60
Mode	0.44	20.80	0.06	0.02	1.30	0.20	39.0	0.00	20.90	0.03	0.01	0.01	4.50	0.00	0.05	0.40	11.0	64.00
Range	27.58	148.2	1.054	1.45	7.3	4.35	1744	0.248	1284.8	1.555	0.13	0.71	107.4	0.989	37.25	45.8	225	442.1
St Dev	1.57	16.33	0.14	0.26	1.04	0.49	81.88	0.02	121.45	0.08	0.02	0.13	6.48	0.09	1.38	3.71	14.85	34.84
Coef Var	2.015	0.554	1.334	1.323	0.484	0.946	1.620	1.566	1.574	1.335	0.644	1.101	0.810	1.746	4.808	1.443	0.855	0.595
Log Mean	-0.314	1.407	-1.101	-1.066	0.277	-0.433	1.561	-2.274	1.511	-1.444	-1.704	-1.235	0.810	-1.854	-1.076	0.196	1.112	1.704
Geo Mean	0.49	25.50	0.08	0.09	1.89	0.37	36.4	0.01	32.43	0.04	0.02	0.06	6.46	0.01	0.08	1.57	12.9	50.60
Log StDv	0.358	0.244	0.280	0.572	0.227	0.362	0.318	0.469	0.556	0.466	0.248	0.555	0.293	0.777	0.458	0.420	0.336	0.244
Log CVar	-1.142	0.173	-0.255	-0.536	0.818	-0.835	0.204	-0.206	0.368	-0.323	-0.146	-0.450	0.362	-0.419	-0.426	2.153	0.303	0.143
Percntls																		
Minimum	0.04	2.0	0.010	0.01	0.1	0.05	3	0.001	0.9	0.005	0.01	0.01	0.1	0.001	0.05	0.1	1	2.8
10th	0.20	12.0	0.042	0.02	1.0	0.10	13	0.001	7.6	0.005	0.01	0.01	2.9	0.002	0.05	0.4	5	25.3
20th	0.26	16.8	0.053	0.03	1.2	0.20	20	0.002	11.4	0.010	0.01	0.02	3.9	0.002	0.05	0.6	7	33.5
30th	0.32	20.8	0.061	0.03	1.4	0.20	27	0.003	14.8	0.020	0.01	0.02	4.9	0.003	0.05	1.0	9	41.7
40th	0.37	24.1	0.069	0.04	1.7	0.30	33	0.003	18.5	0.030	0.02	0.03	5.8	0.005	0.05	1.3	10	48.4
50th	0.44	27.4	0.076	0.06	2.0	0.40	39	0.005	23.7	0.040	0.02	0.05	6.8	0.011	0.05	1.7	12	54.6
60th	0.53	30.6	0.083	0.11	2.3	0.50	44	0.007	33.1	0.050	0.02	0.10	7.8	0.030	0.05	2.1	14	61.6
70th	0.66	34.1	0.092	0.22	2.6	0.60	51	0.010	56.0	0.060	0.03	0.17	9.1	0.065	0.05	2.6	20	68.4
80th	0.85	39.3	0.111	0.37	3.0	0.70	61	0.015	124.5	0.090	0.03	0.22	11.1	0.104	0.20	3.3	27	77.9
85th	1.03	42.5	0.126	0.45	3.3	0.80	69	0.019	175.6	0.100	0.04	0.26	12.4	0.120	0.20	4.0	32	82.4
90th	1.33	47.6	0.154	0.55	3.6	1.00	79	0.025	234.5	0.130	0.04	0.32	14.4	0.145	0.40	4.8	38	89.6
95th	2.01	57.8	0.236	0.76	4.0	1.50	101	0.033	326.1	0.190	0.05	0.39	16.6	0.188	0.80	7.7	44	102.9
98th	3.84	72.6	0.980	1.01	4.6	2.00	209	0.044	446.0	0.290	0.06	0.46	20.8	0.234	2.80	12.2	55	137.6
99th	7.60	91.1	0.980	1.16	5.0	2.50	307	0.052	514.2	0.370	0.08	0.53	28.0	0.262	4.90	18.9	65	193.7
Maximum	27.62	150.2	1.064	1.46	7.4	4.40	1747	0.249	1285.7	1.560	0.14	0.72	107.5	0.990	37.30	45.9	226	444.9

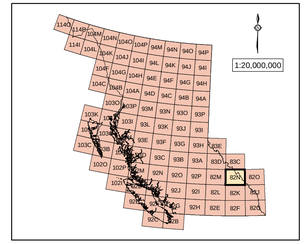
Summary Statistics

Variable	Sb	As	Ba	Br	Ca	Ce	Cs	Cr	Co	Eu	Au	Hf	Fe	La	Lu	Mo	Nd	Rb	Sm
Units	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppb	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
D.L.	0.1	0.5	50	0.5	1	3	1	5	1	0.2	2	1	0.01	0.5	0.05	1	5	15	0.1
Anal Mth	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
N	1409	1409	1409	1409	1409	1409	1409	1409	1409	1409	1409	1409	1409	1409	1409	1409	1409	1409	1409
N > DL	730	1058	1399	1204	700	1409	1261	1409	1405	1398	82	1371	1409	1409	1405	75	1406	1396	1409
Missing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	0.31	5.68	514.5	6.18	3.76	176.7	3.82	79.3	14.94	2.13	3.3	12.29	3.77	94.15	0.62	0.86	69.58	88.56	13.01
Median	0.20	2.80	440.0	3.20	1.00	140.0	4.00	75.0	14.00	1.90	1.0	11.00	3.79	74.10	0.56	0.50	58.00	87.00	10.70
Mode	0.05	0.25	380.0	0.25	0.50	110.0	3.00	110.0	14.00	1.90	1.0	4.00	3.04	49.00	1.00	0.50	120.00	110.00	10.00
Range	5.45	165.75	7385	100.75	31.5	1115	23.5	613	115.5	20.0	356	106.5	11.58	773.7	3.875	31.5	635.5	232.5	115.6
St Dev	0.48	10.13	443.75	9.21	5.39	128.82	2.37	41.73	7.57	1.44	17.90	9.03	1.39	73.19	0.42	1.99	49.26	34.17	9.81
Coef Var	1.543	1.785	0.863	1.490	1.432	0.729	0.620	0.526	0.507	0.678	5.465	0.735	0.370	0.777	0.672	2.310	0.708	0.386	0.755
Log Mean	-0.814	0.341	2.627	0.445	0.223	2.148	0.500	1.848	1.127	0.234	0.073	0.970	0.542	1.867	-0.299	-0.243	1.754	1.907	1.009
Geo Mean	0.15	2.19	423.4	2.79	1.67	140.5	3.17	70.5	13.39	1.71	1.2	9.34	3.49	73.56	0.50	0.57	56.76	80.80	10.21
Log StDv	0.499	0.652	0.270	0.593	0.537	0.307	0.288	0.215	0.215	0.304	0.319	0.354	0.186	0.314	0.304	0.250	0.285	0.206	0.315
Log CVar	-0.613	1.911	0.103	1.333	2.408	0.143	0.577	0.116	0.191	1.299	4.369	0.365	0.344	0.168	-1.018	-1.028	0.163	0.108	0.313
Percntls																			
Minimum	0.05	0.25	25	0.25	0.5	5	0.5	6	0.5	0.1	1	0.5	0.32	2.3	0.025	0.5	2.5	7.5	0.4
10th	0.05	0.25	210	0.25	0.5	57	1.0	39	7.0	0.7	1	3.0	1.95	30.0	0.190	0.5	25.0	48.0	3.8
20th	0.05	0.25	300	0.90	0.5	87	2.0	50	10.0	1.0	1	5.0	2.68	44.0	0.290	0.5	36.0	61.0	6.2
30th	0.05	1.10	350	1.50	0.5	100	3.0	58	12.0	1.3	1	7.0	3.09	52.7	0.390	0.5	43.0	70.0	7.6
40th	0.05	1.90	400	2.20	0.5	120	3.0	66	13.0	1.6	1	9.0	3.45	63.5	0.470	0.5	50.0	79.0	9.1
50th	0.20	2.80	440	3.20	1.0	140	4.0	75	14.0	1.9	1	11.0	3.79	74.1	0.560	0.5	58.0	87.0	10.7
60th	0.20	4.00	490	4.50	2.0	170	4.0	82	16.0	2.1	1	13.0	4.06	88.8	0.620	0.5	68.0	96.0	12.6
70th	0.30	5.50	540	6.20	3.0	200	4.0	89	17.0	2.5	1	15.0	4.35	106.0	0.710	0.5	79.0	100.0	14.9
80th	0.40	8.30	620	9.30	6.0	240	5.0	100	19.0	2.9	1	18.0	4.77	130.0	0.850	0.5	97.0	110.0	18.0
85th	0.60	10.00	670	11.00	8.0	280	6.0	110	20.0	3.3	1	20.0	5.05	152.0	1.000	0.5	110.0	120.0	20.2
90th	0.70	13.00	750	14.00	11.0	327	6.0	120	22.0	3.8	1	23.0	5.45	177.0	1.100	0.5	120.0	130.0	24.5
95th	1.10	18.00	990	21.00	17.0	415	8.0	140	25.0	4.8	6	28.0	6.06	234.0	1.400	2.0	150.0	140.0	31.8
98th	1.70	34.00	1800	36.00	21.0	533	10.0	190	32.0	6.0	29	35.0	6.98	298.0	1.800	6.0	200.0	170.0	39.6
99th	2.20	41.00	2400	48.00	23.0	686	13.0	230	38.0	7.2	64	39.0	7.74	409.0	2.200	10.0	240.0	190.0	48.7
Maximum	5.50	166.00	7410	101.00	32.0	1120	24.0	619	116.0	20.1	357	107.0	11.90	776.0	3.900	32.0	638.0	240.0	116.0

Summary Statistics

Variable	Sc	Na	Ta	Tb	Th	W	U	Yb	Zn	F	LOI	FW	CND	PH
Units	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	mgL	uS	
D.L.	0.1	0.01	0.5	0.5	0.2	1	0.5	0.2	50	10	0.1	0.01	1	0.1
Anal Mth	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	ION	GRAV	ION	SNR	SNR
N	1409	1409	1409	1409	1409	1409	1409	1409	1409	1409	1409	1376	1376	1376
N > DL	1409	1409	1148	1162	1409	778	1406	1408	653	1409	1409	955	1376	1376
Missing	0	0	0	0	0	0	0	0	0	0	0	33	33	33
Mean	11.99	0.91	1.94	1.45	24.18	2.37	6.54	4.07	52.7	528.0	9.86	0.05	158.29	7.45
Median	11.40	0.86	1.50	1.20	19.00	2.00	5.20	3.50	25.0	450.0	6.29	0.03	133.00	7.58
Mode	10.00	1.00	0.25	0.25	15.00	0.50	10.00	3.30	25.0	270.0	3.50	0.01	230.00	8.15
Range	37.1	2.75	13.75	15.75	181.0	102.5	64.95	27.1	405	1990	54.89	1.71	900.1	5.08
St Dev	5.28	0.48	1.84	1.15	20.01	4.19	5.82	2.87	39.40	294.37	9.02	0.09	115.61	0.68
Coef Var	0.441	0.532	0.946	0.792	0.828	1.763	0.890	0.705	0.747	0.558	0.915	1.771	0.730	0.091
Log Mean	1.034	-0.123	0.115	0.036	1.280	0.158	0.690	0.511	1.631	2.660	0.834	-1.541	2.078	0.870
Geo Mean	10.80	0.75	1.30	1.09	19.06	1.44	4.90	3.24	42.8	457.5	6.82	0.03	119.74	7.42
Log StDv	0.211	0.299	0.414	0.352	0.300	0.417	0.335	0.308	0.269	0.235	0.377	0.408	0.346	0.043
Log CVar	0.204	-2.451	3.602	9.777	0.235	2.640	0.486	0.605	0.165	0.088	0.453	-0.265	0.167	0.049
Percntls														
Minimum	0.7	0.03	0.25	0.25	1.0	0.5	0.25	0.1	25	50	0.30	0.01	1.9	3.38
10th	5.9	0.29	0.25	0.25	8.4	0.5	1.80	1.2	25	240	2.40	0.01	39.9	6.54
20th	7.9	0.50	0.70	0.60	12.0	0.5	2.50	1.9	25	280	3.39	0.01	60.5	6.96
30th	9.2	0.65	1.00	0.90	15.0	0.5	3.60	2.5	25	330	4.08	0.01	77.5	7.20
40th	10.4	0.75	1.30	1.00	16.0	1.0	4.40	3.1	25	390	5.00	0.02	100.0	7.39
50th	11.4	0.86	1.50	1.20	19.0	2.0	5.20	3.5	25	450	6.29	0.03	133.0	7.58
60th	12.4	1.00	1.80	1.40	21.7	2.0	6.00	4.0	57	530	8.10	0.03	163.0	7.77
70th	13.6	1.09	2.10	1.70	25.7	3.0	7.10	4.6	67	620	10.83	0.04	206.0	7.92
80th	15.2	1.28	2.70	2.00	30.9	3.0	8.90	5.5	78	720	15.20	0.06	242.0	8.05
85th	16.6	1.39	3.10	2.40	34.8	4.0	10.00	6.3	88	810	18.31	0.07	275.0	8.13
90th	18.7	1.56	3.80	2.80	42.3	5.0	12.00	7.5	99	930	23.98	0.10	308.0	8.18
95th	22.1	1.79	5.60	3.50	61.3	6.0	16.00	9.3	120	1095	31.49	0.16	369.0	8.27
98th	26.3	2.05	7.70	4.50	87.2	9.0	23.00	12.0	160	1365	35.53	0.35	440.0	8.34
99th	28.7	2.31	10.00	5.30	118.0	14.0	29.00	14.0	180	1455	37.89	0.47	517.0	8.40
Maximum	37.8	2.78	14.00	16.00	182.0	103.0	65.20	27.2	430	2040	55.19	1.72	902.0	8.46





LEGEND

Topography

- Community labelled with name
- BC-Alberta border
- Railroad
- Road
- River
- 83C — NTS 1:250K mapsheet with labels
- Permanent ice cover
- Lake
- Park

Symbols

- 1002 — Sample site location with sample ID
- 1013 / 1014 — Field duplicates
- Stream sediment collected
- Water and stream sediment collected

N

0 5 10 km

UTM NAD83 Zone 11N

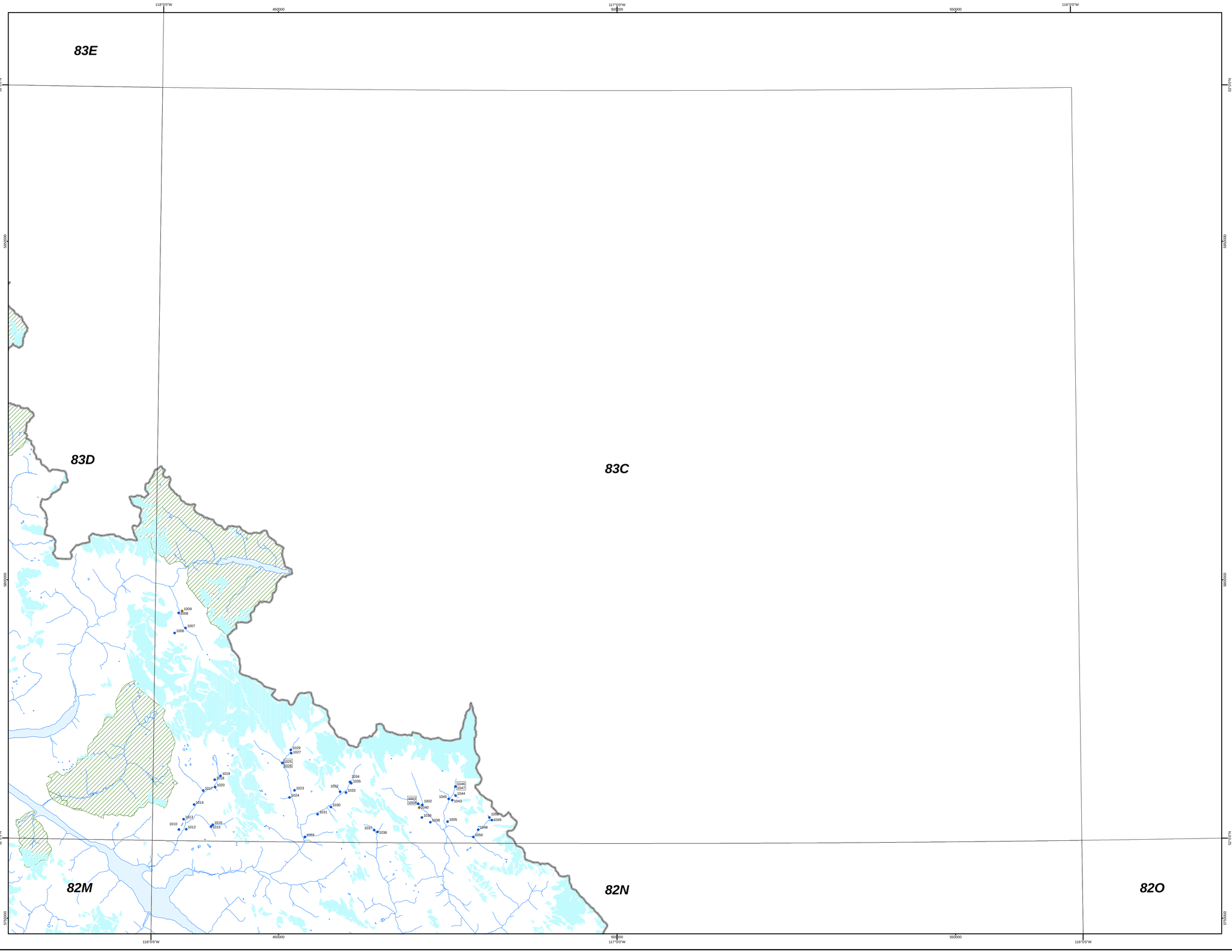
GEOSCIENCE BC

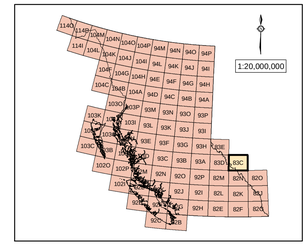
SAMPLE LOCATION MAP
Mapsheet 82N

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:250,000	Map No:	82N
Figure No:	4	Date:	March 2006

CME





LEGEND

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0 5 10 km

UTM NAD83 Zone 11N

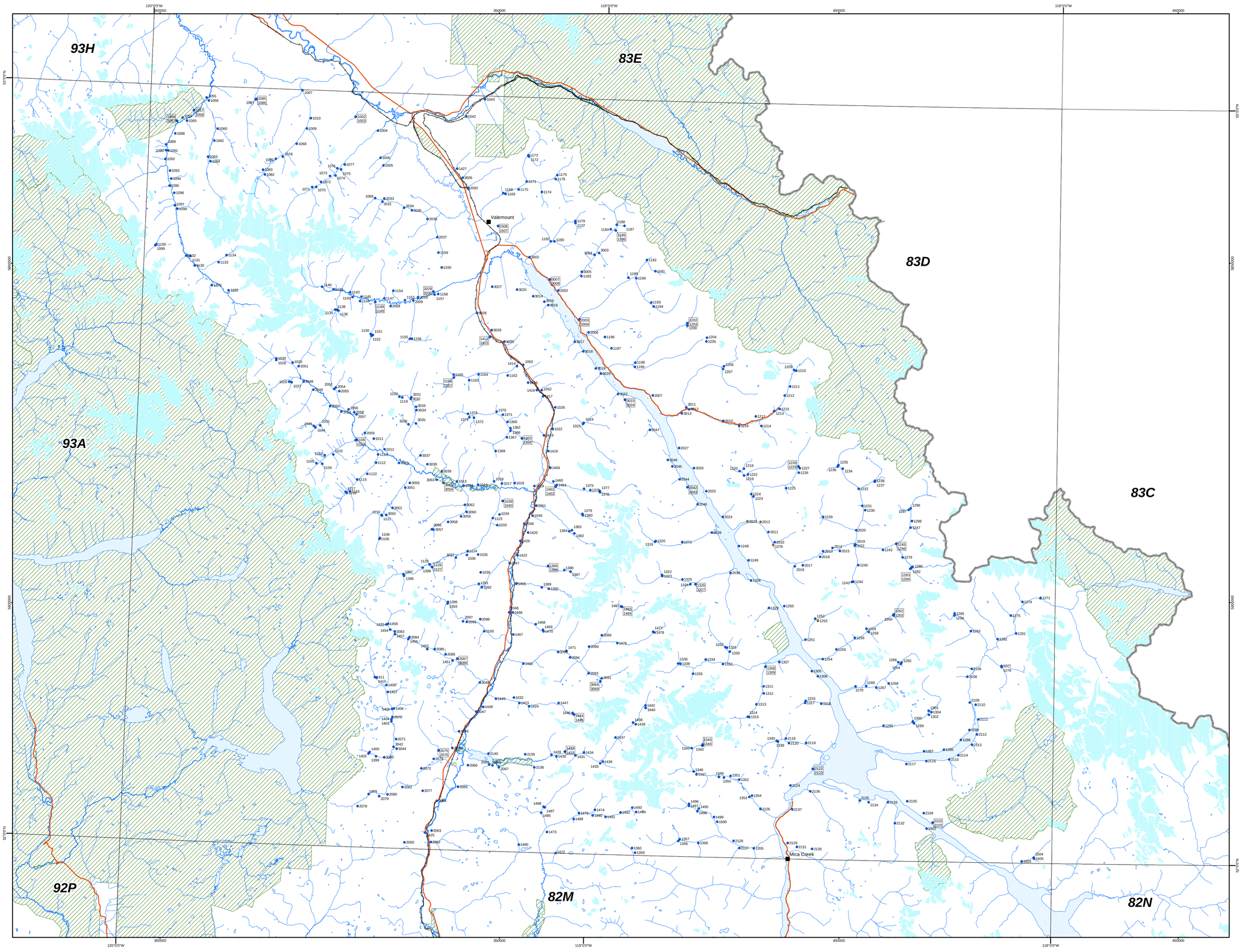
GEOSCIENCE BC

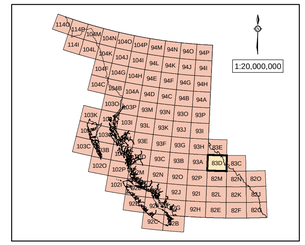
SAMPLE LOCATION MAP
Mapsheet 83C

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:250,000	Map No:	83C
Figure No:	5	Date:	March 2006

CME





LEGEND

Topography

- Community labelled with name
- BC-Alberta border
- Railroad
- Road
- River
- 83C — NTS 1:250K mapsheet with labels
- Permanent ice cover
- Lake
- Park

Symbols

- 1004 — Sample site location with sample ID
- 1003/1003 — Field duplicates
- Stream sediment collected
- Water and stream sediment collected

0 5 10km

UTM NAD83 Zone 11N

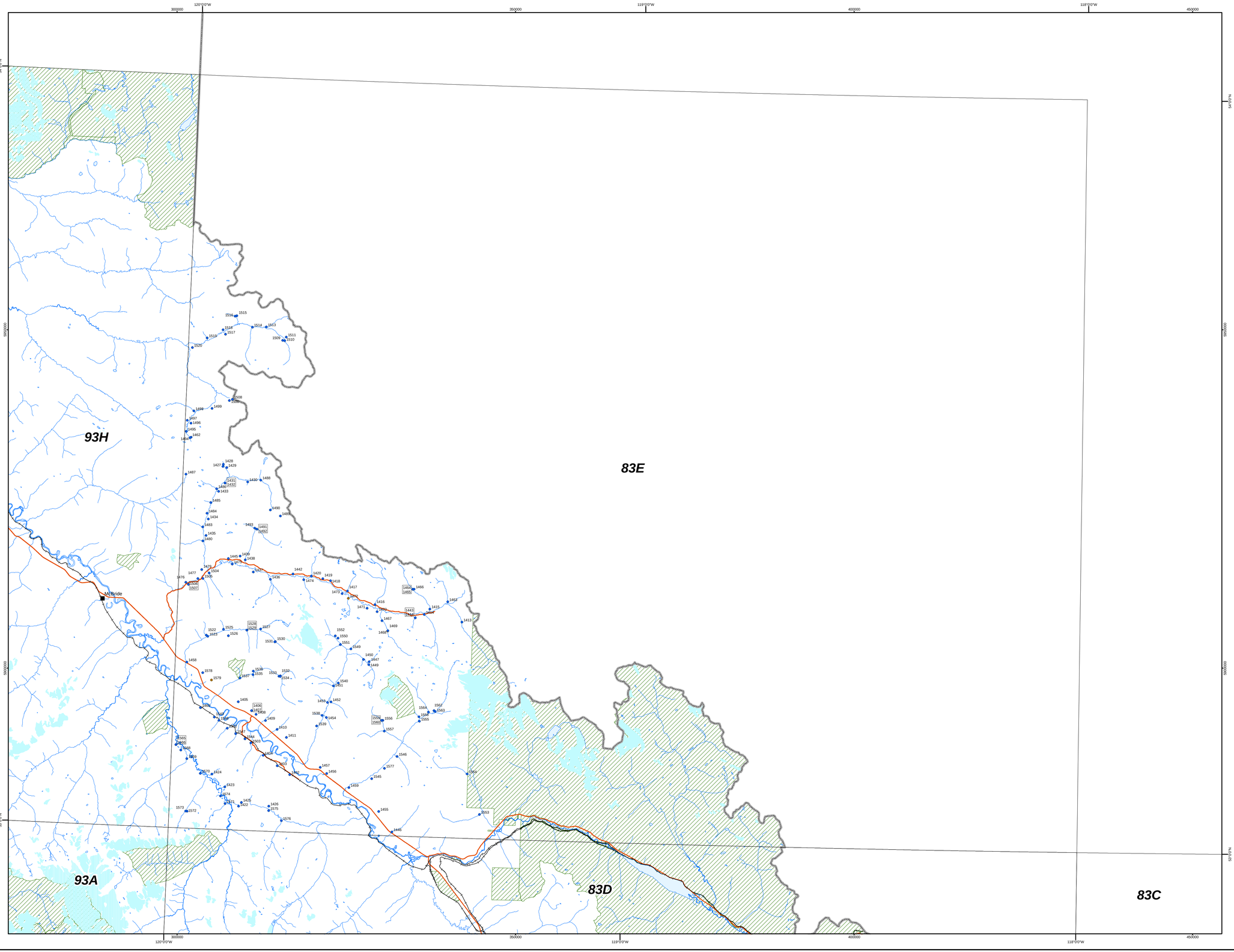
GEOSCIENCE BC

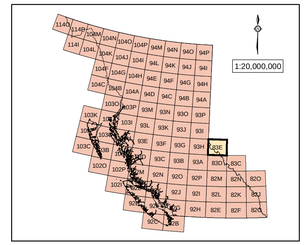
SAMPLE LOCATION MAP
Mapsheet 83D

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:250,000	Map No:	83D
Figure No:	6	Date:	March 2006

CME





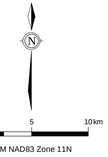
LEGEND

Topography

- Community labelled with name
- BC-Alberta border
- Railroad
- Road
- River
- 83C — NTS 1:250K mapsheet with labels
- Permanent ice cover
- Lake
- Park

Symbols

- 1402 — Sample site location with sample ID
- 1565 1566 — Field duplicates
- Stream sediment collected
- Water and stream sediment collected



UTM NAD83 Zone 11N

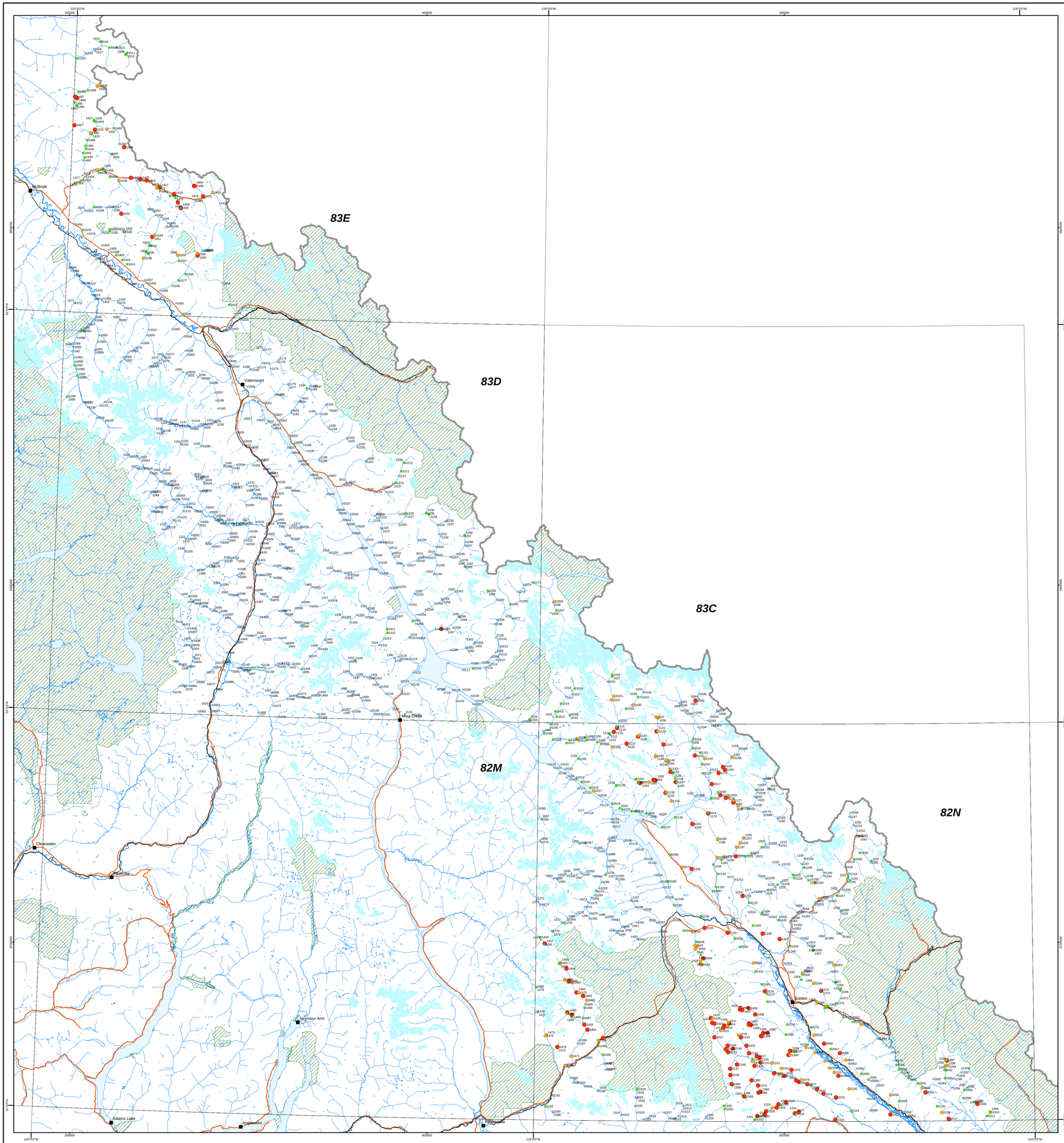
GEOSCIENCE BC

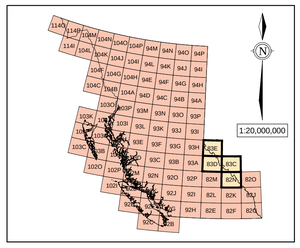
SAMPLE LOCATION MAP
Mapsheet 83E

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:250,000	Map No:	83E
Figure No:	7	Date:	March 2006

CME





LEGEND

Topography

- Community labelled with name
- BC-Alberta border
- Railroad
- Road
- River
- 83C — NTS 1:250K mapsheet with labels
- Permanent ice cover
- Lake
- Park

Symbols

- 1002 — Sample site with ID

Sample Results (Sb ppm)

- < 0.14
- 0.14 - 0.31
- 0.31 - 0.48
- > 0.48

0 5 10 15 20 km

NAD83 UTM Zone 11N

GEOSCIENCE BC

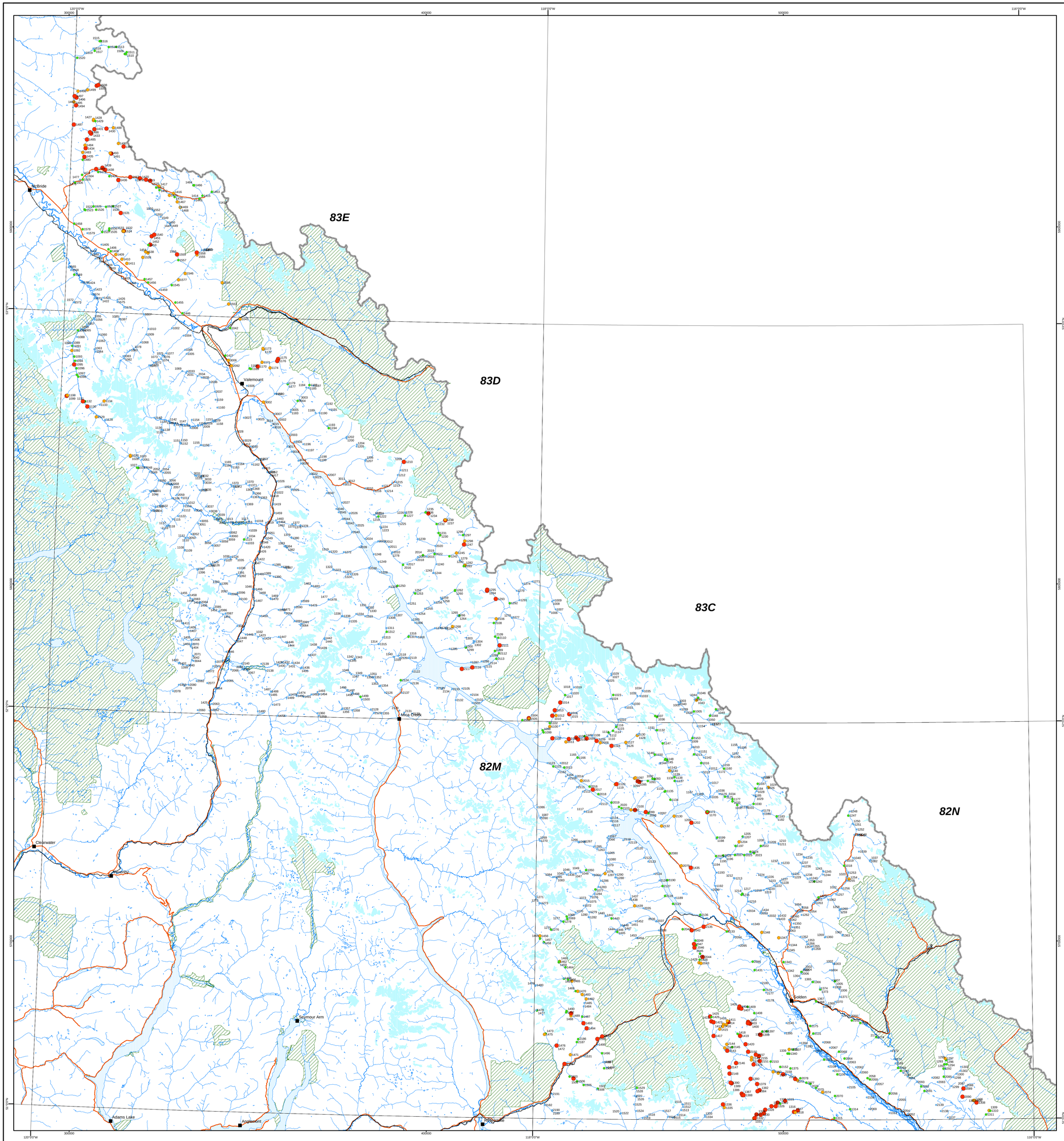
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheets 82N, 83C, 83D, 83E

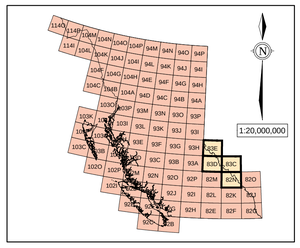
ICPMS: Sb (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:400,000	Map No:	82N, 83C, 83D, 83E
Figure No:	Appendix X-5	Date:	May 2006

CME





LEGEND

Topography

- Community labelled with name
- BC-Alberta border
- Railroad
- Road
- River
- 83C — NTS 1:250K mapsheet with labels
- Permanent ice cover
- Lake
- Park

Symbols

- 1002 — Sample site with ID

Sample Results (As ppm)

- < 3.9
- 3.9 - 8.4
- 8.4 - 12.9
- > 12.9

0 5 10 15 20km

NAD83 UTM Zone 11N

GEOSCIENCE BC

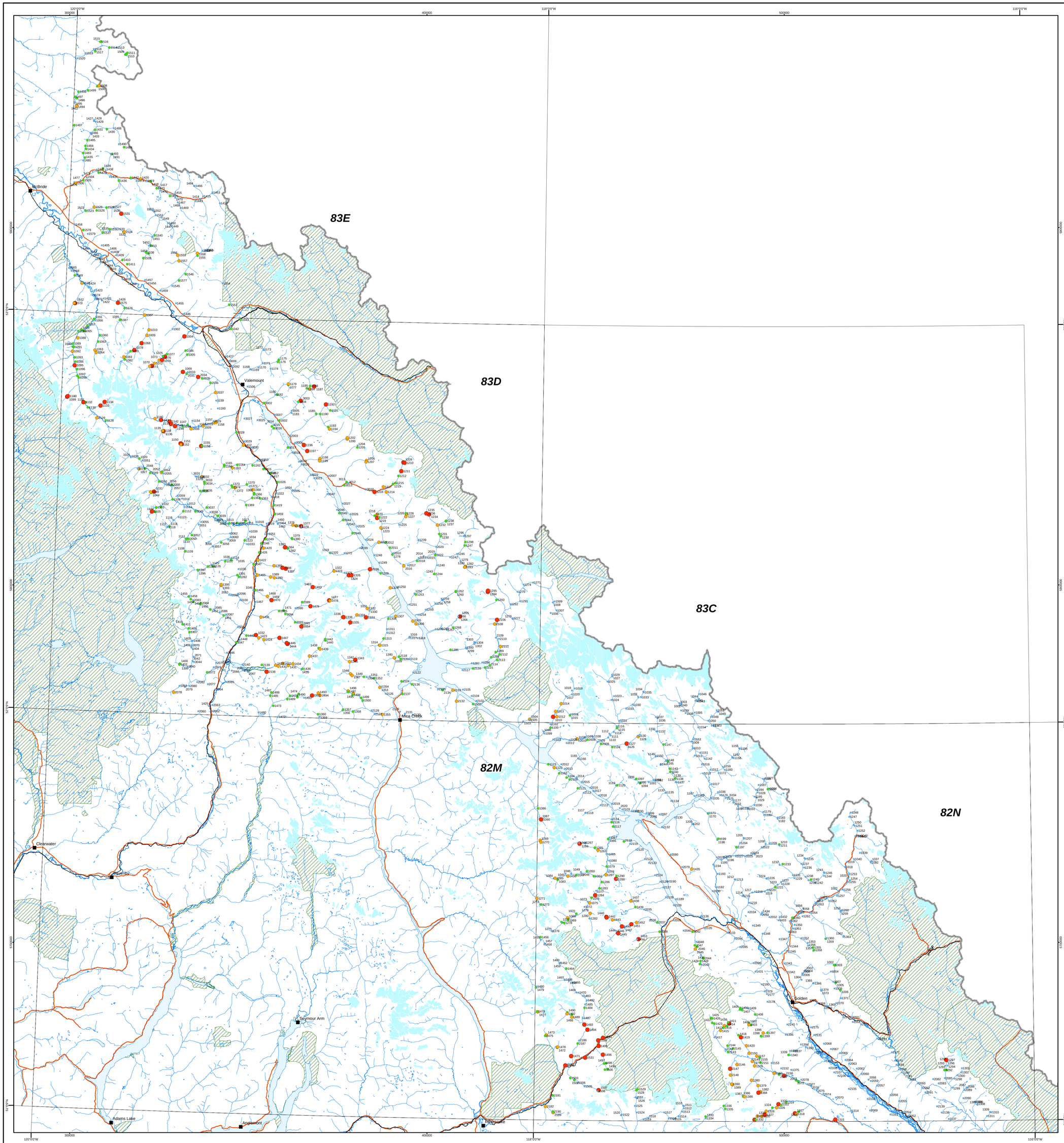
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheets 82N, 83C, 83D, 83E

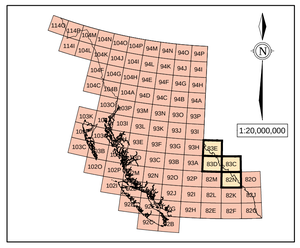
ICPMS: As (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:400,000	Map No:	82N, 83C, 83D, 83E
Figure No:	Appendix X-4	Date:	May 2006

CME





LEGEND

Topography

- Community labelled with name
- BC-Alberta border
- Railroad
- Road
- River
- 83C — NTS 1:250K mapsheet with labels
- Permanent ice cover
- Lake
- Park

Symbols

- 1002 — Sample site with ID

Sample Results (Cu ppm)

- < 25.95
- 25.95 - 39.32
- 39.32 - 52.69
- > 52.69

0 5 10 15 20 km

NAD83 UTM Zone 11N

GEOSCIENCE BC

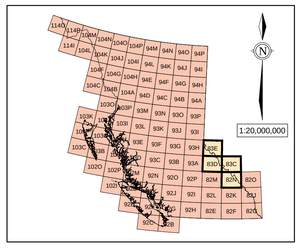
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheets 82N, 83C, 83D, 83E

ICPMS: Cu (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:400,000	Map No:	82N, 83C, 83D, 83E
Figure No:	Appendix X-1	Date:	May 2006

CME



LEGEND

Topography

- Community labelled with name
- BC-Alberta border
- Railroad
- Road
- River
- 83C — NTS 1:250K mapsheet with labels
- Permanent ice cover
- Lake
- Park

Symbols

- 1002 — Sample site with ID

Sample Results (Au ppb)

- < 1.4
- 1.4 - 4.9
- 4.9 - 8.4
- > 8.4

0 5 10 15 20km

NAD83 UTM Zone 11N

GEOSCIENCE BC

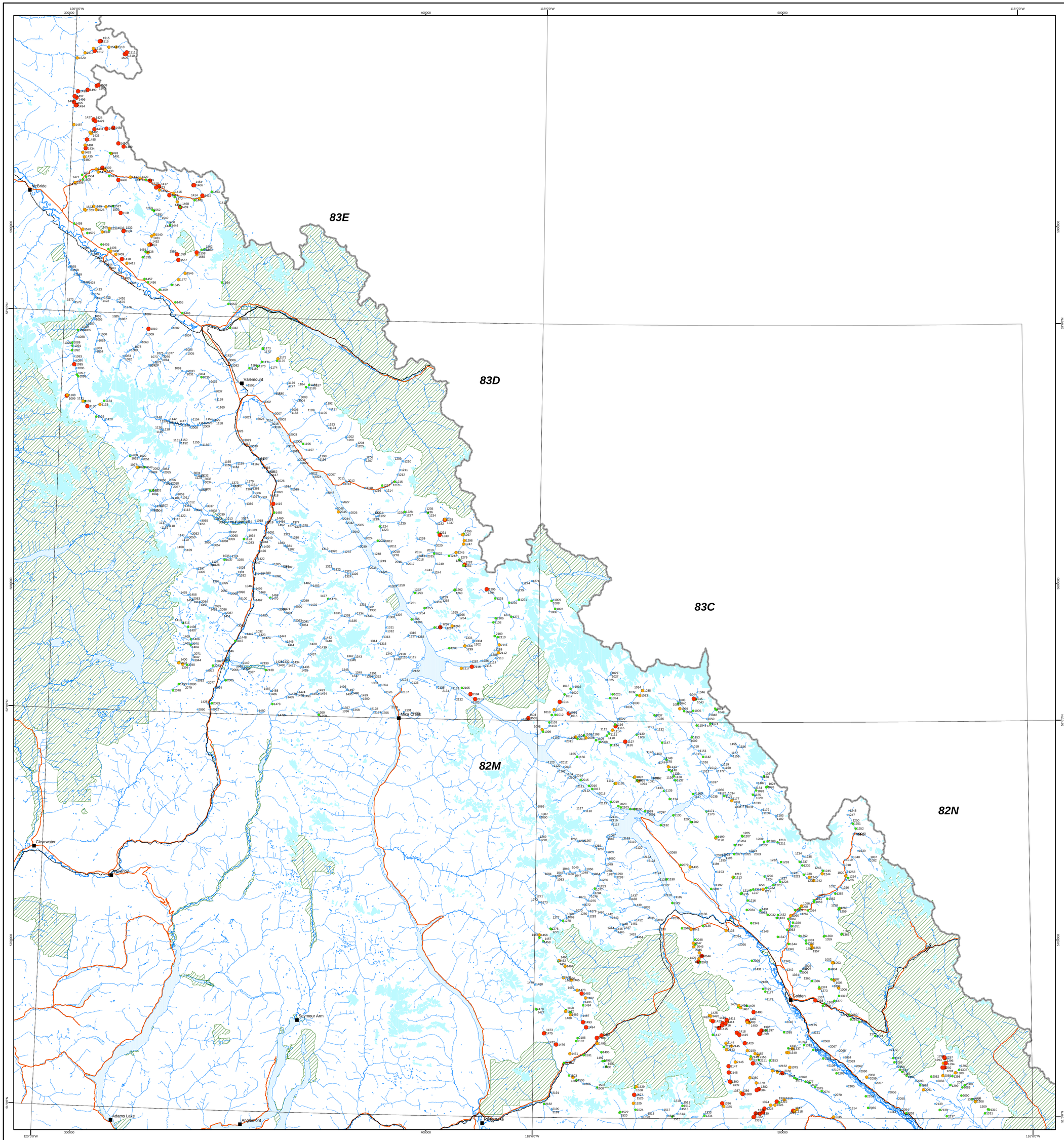
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheets 82N, 83C, 83D, 83E

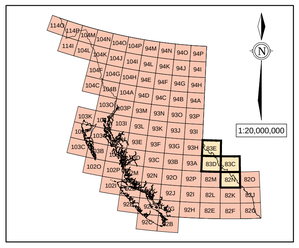
ICPMS: Au (ppb)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:400,000	Map No:	82N, 83C, 83D, 83E
Figure No:	Appendix X-6	Date:	May 2006

CME





LEGEND

Topography

- Community labelled with name
- BC-Alberta border
- Railroad
- Road
- River
- 83C — NTS 1:250K mapsheet with labels
- Permanent ice cover
- Lake
- Park

Symbols

- 1002 — Sample site with ID

Sample Results (Pb ppm)

- < 10.30
- 10.30 - 16.59
- 16.59 - 22.88
- > 22.88

0 5 10 15 20 km

NAD83 UTM Zone 11N

GEOSCIENCE BC

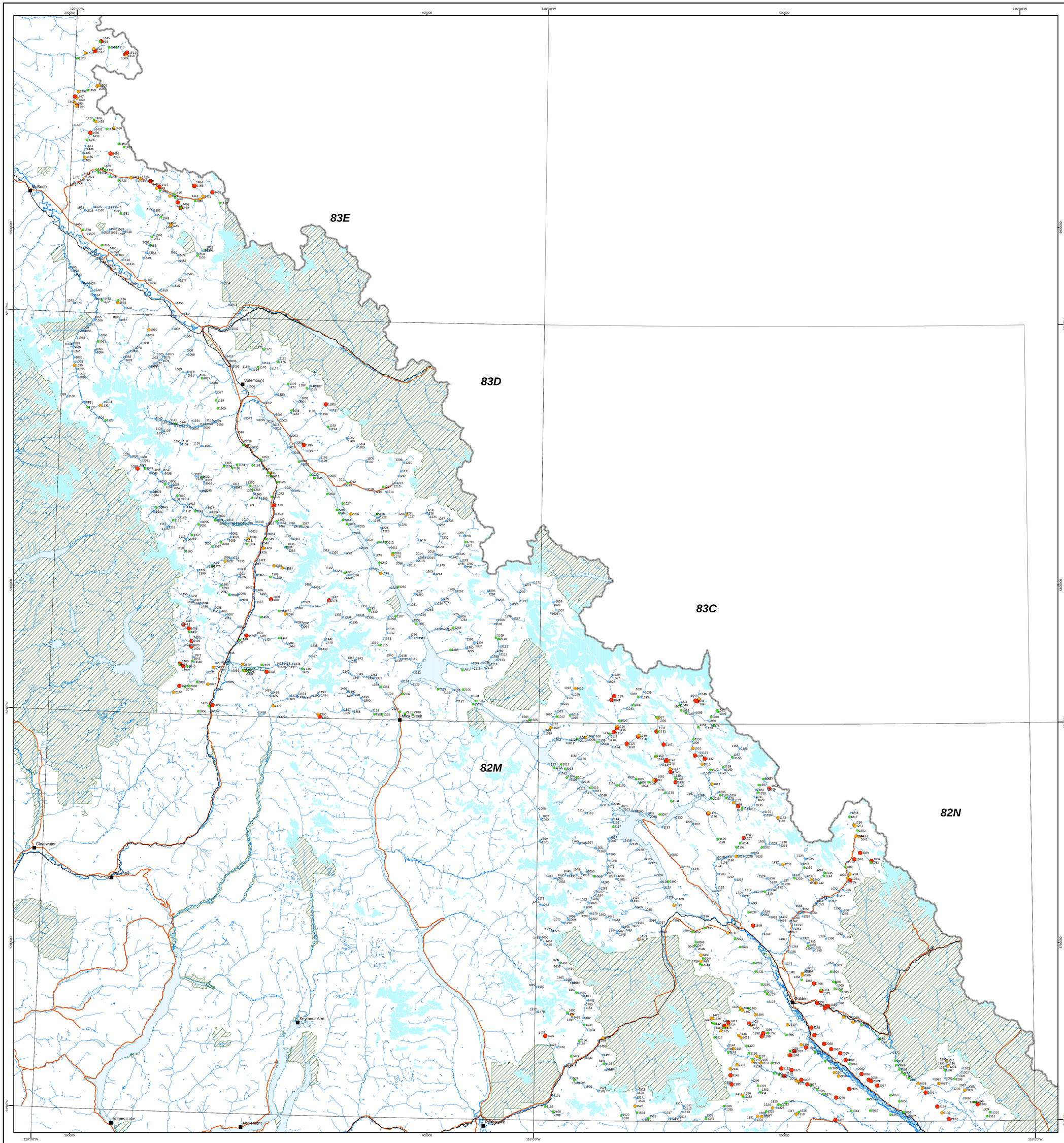
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheets 82N, 83C, 83D, 83E

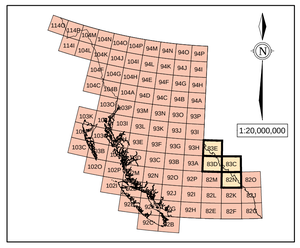
ICPMS: Pb (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:400,000	Map No:	82N, 83C, 83D, 83E
Figure No:	Appendix X-2	Date:	May 2006

CME





LEGEND

Topography

- Community labelled with name
- BC-Alberta border
- Railroad
- Road
- River
- 83C — NTS 1:250K mapsheet with labels
- Permanent ice cover
- Lake
- Park

Symbols

- 1002 — Sample site with ID

Sample Results (Hg ppb)

- < 13
- 13 - 25
- 25 - 37
- > 37

0 5 10 15 20km

NAD83 UTM Zone 11N

GEOSCIENCE BC

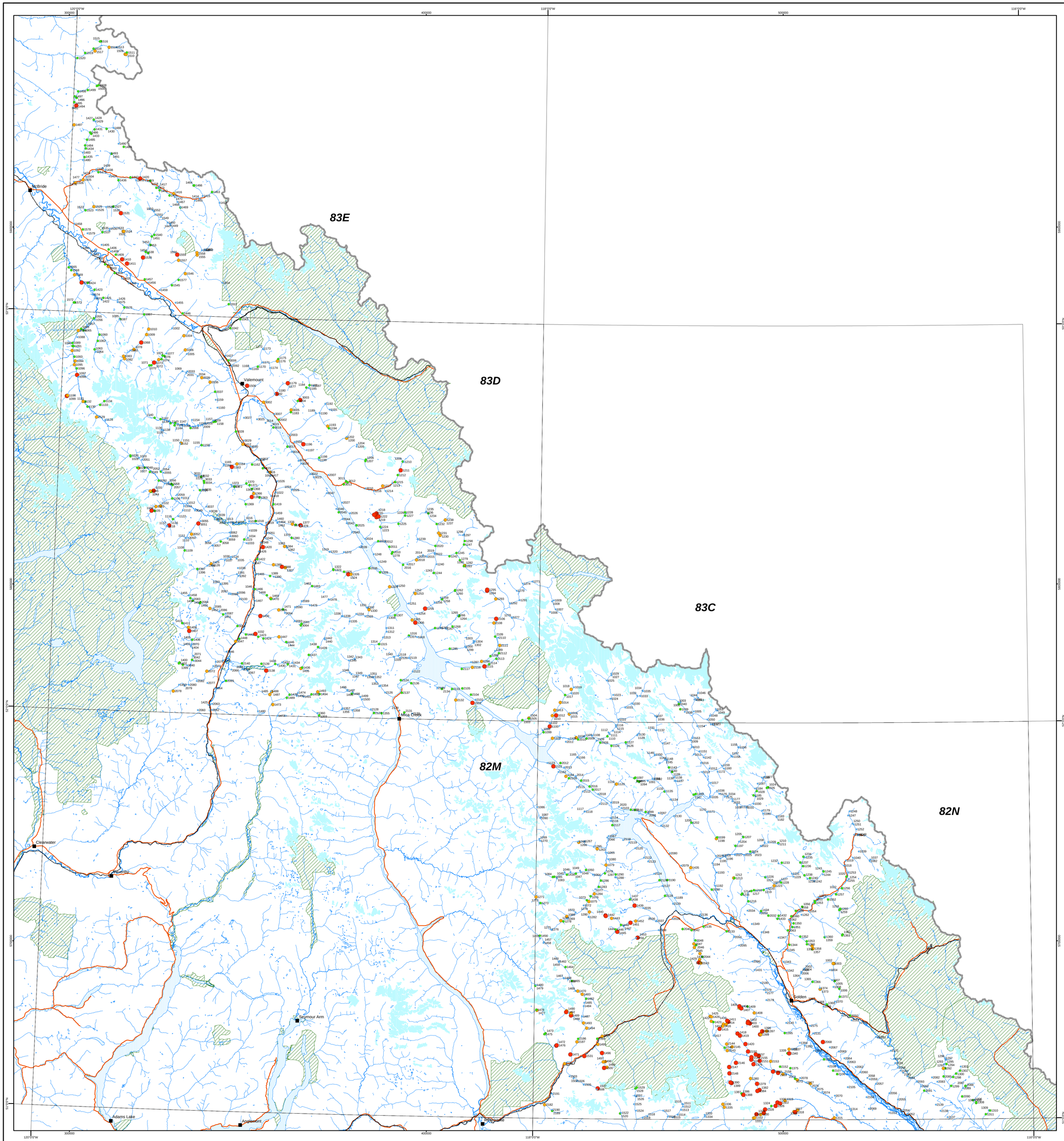
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheets 82N, 83C, 83D, 83E

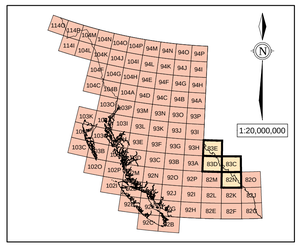
ICPMS: Hg (ppb)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:400,000	Map No:	82N, 83C, 83D, 83E
Figure No:	Appendix X-9	Date:	May 2006

CME





LEGEND

Topography

- Community labelled with name
- BC-Alberta border
- Railroad
- Road
- River
- 83C — NTS 1:250K mapsheet with labels
- Permanent ice cover
- Lake
- Park

Symbols

- 1002 — Sample site with ID

Sample Results (Ni ppm)

- < 28
- 28 - 40
- 40 - 52
- > 52

0 5 10 15 20km

NAD83 UTM Zone 11N

GEOSCIENCE BC

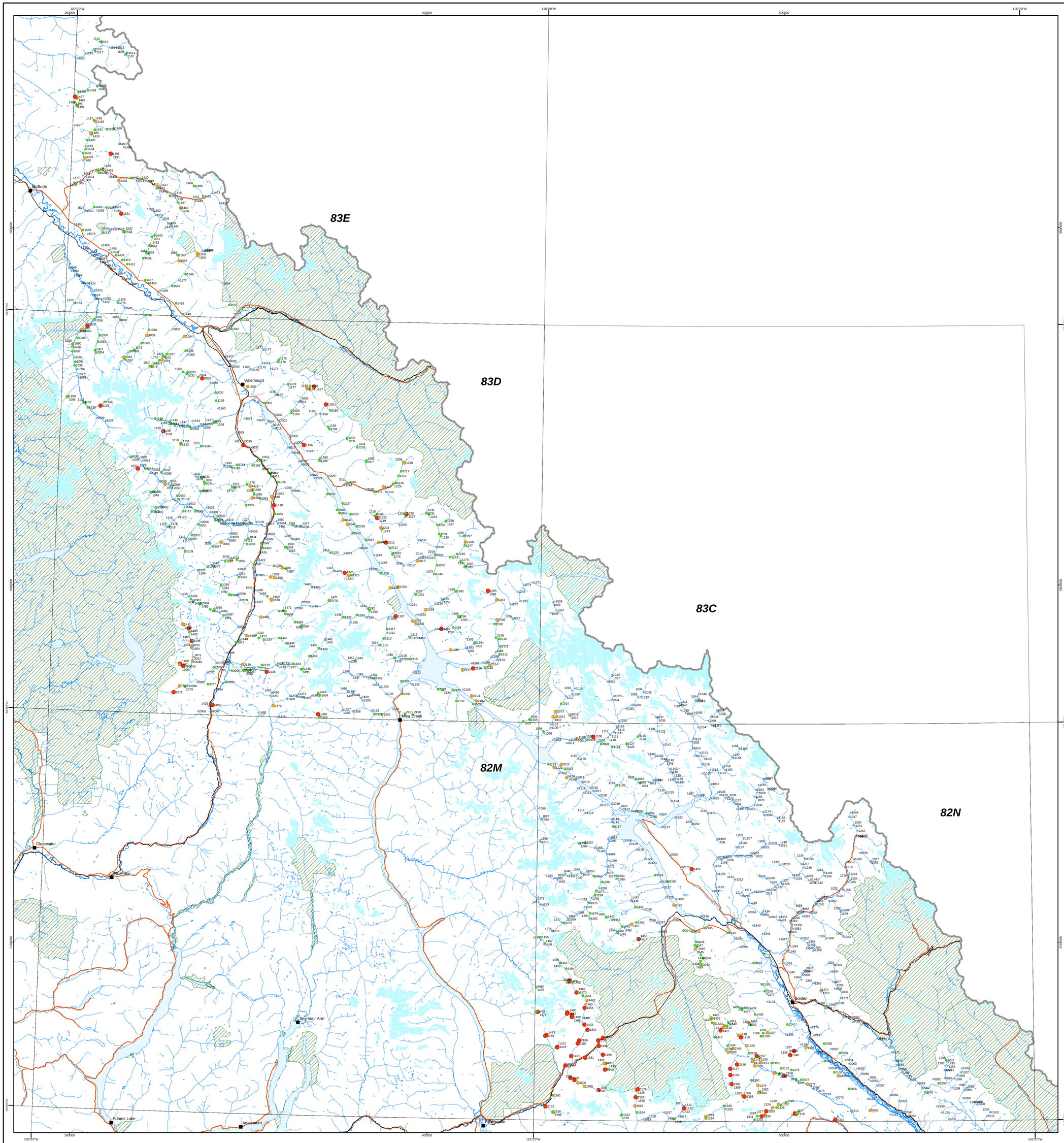
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheets 82N, 83C, 83D, 83E

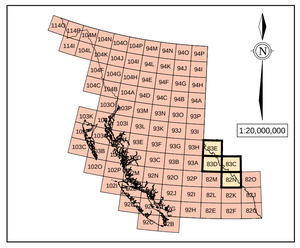
ICPMS: Ni (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:400,000	Map No:	82N, 83C, 83D, 83E
Figure No:	Appendix X-8	Date:	May 2006

CME





LEGEND

Topography

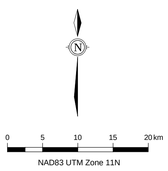
- Community labelled with name
- BC-Alberta border
- Railroad
- Road
- River
- 83C — NTS 1:250K mapsheet with labels
- Permanent ice cover
- Lake
- Park

Symbols

- 1002 — Sample site with ID

Sample Results (Ag ppb)

- < 42
- 42 - 70
- 70 - 98
- > 98



NAD83 UTM Zone 11N

GEOSCIENCE BC

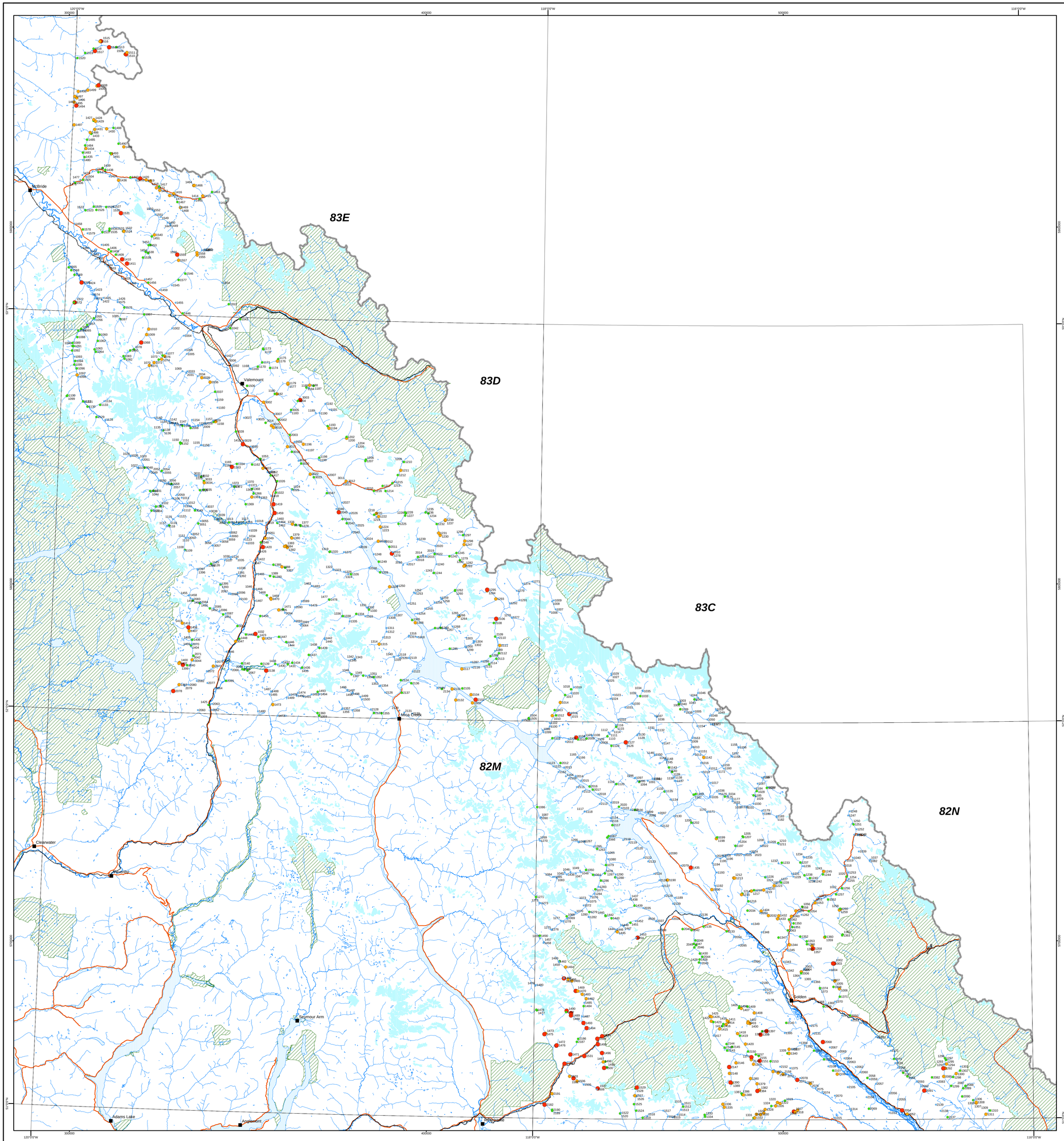
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheets 82N, 83C, 83D, 83E

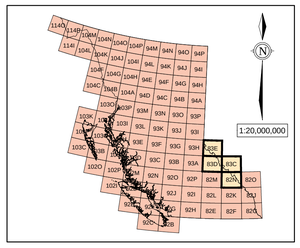
ICPMS: Ag (ppb)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:400,000	Map No:	82N, 83C, 83D, 83E
Figure No:	Appendix X-7	Date:	May 2006

CME





LEGEND

Topography

- Community labelled with name
- BC-Alberta border
- Railroad
- Road
- River
- 83C — NTS 1:250K mapsheet with labels
- Permanent ice cover
- Lake
- Park

Symbols

- 1002 — Sample site with ID

Sample Results (Zn ppm)

- < 55.0
- 55.0 - 78.5
- 78.5 - 102.0
- > 102.0

0 5 10 15 20km

NAD83 UTM Zone 11N

GEOSCIENCE BC

SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheets 82N, 83C, 83D, 83E

ICPMS: Zn (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:400,000	Map No:	82N, 83C, 83D, 83E
Figure No:	Appendix X-3	Date:	May 2006

CME

GRIDDED DATA PRESENTATION

Gridded element maps for each survey area are provided as PDF files. Survey results were gridded and colour contoured using parameters defined from the following statistical analysis of the entire 2005 geochemical database. Grid cell size is 100 metres using a linear search radius of 6.4 kilometres and weighting power of 2.

Pass No. 2 represents a statistical analysis of the sample population of less than mean plus two standard deviations. Sample results of greater than mean plus two standard deviations (Pass No. 2) are considered anomalous. This statistical analysis does not account for the various geological domains that underlie the survey area. For INAA, statistical analysis were not performed for Ni, Sn, Ir, Se, Sr, Ag and Hg due inadequate detection limits and/or precision.

Statistical Analysis of Water Samples

Element	Pass	n	min	max	mean	std dev
pH	1	1376	3.38	8.46	7.45	0.68
	2	1376	3.38	8.46	7.45	0.68
Conductivity	1	1376	1.88	902	158.29	115.61
µS	2	1324	1.88	388	145.02	92.87
F	1	1376	0.01	1.72	0.05	0.09
mg/L	2	1323	0.01	0.21	0.04	0.03

Statistical Analysis of Sediment Samples – LOI & F

Element	Pass	n	min	max	mean	std dev
LOI	1	1409	0.3	55.2	9.9	9
%	2	1304	0.3	27.9	7.9	6.1
F	1	1409	50	2040	528	294
ppm	2	1340	50	1110	485	152

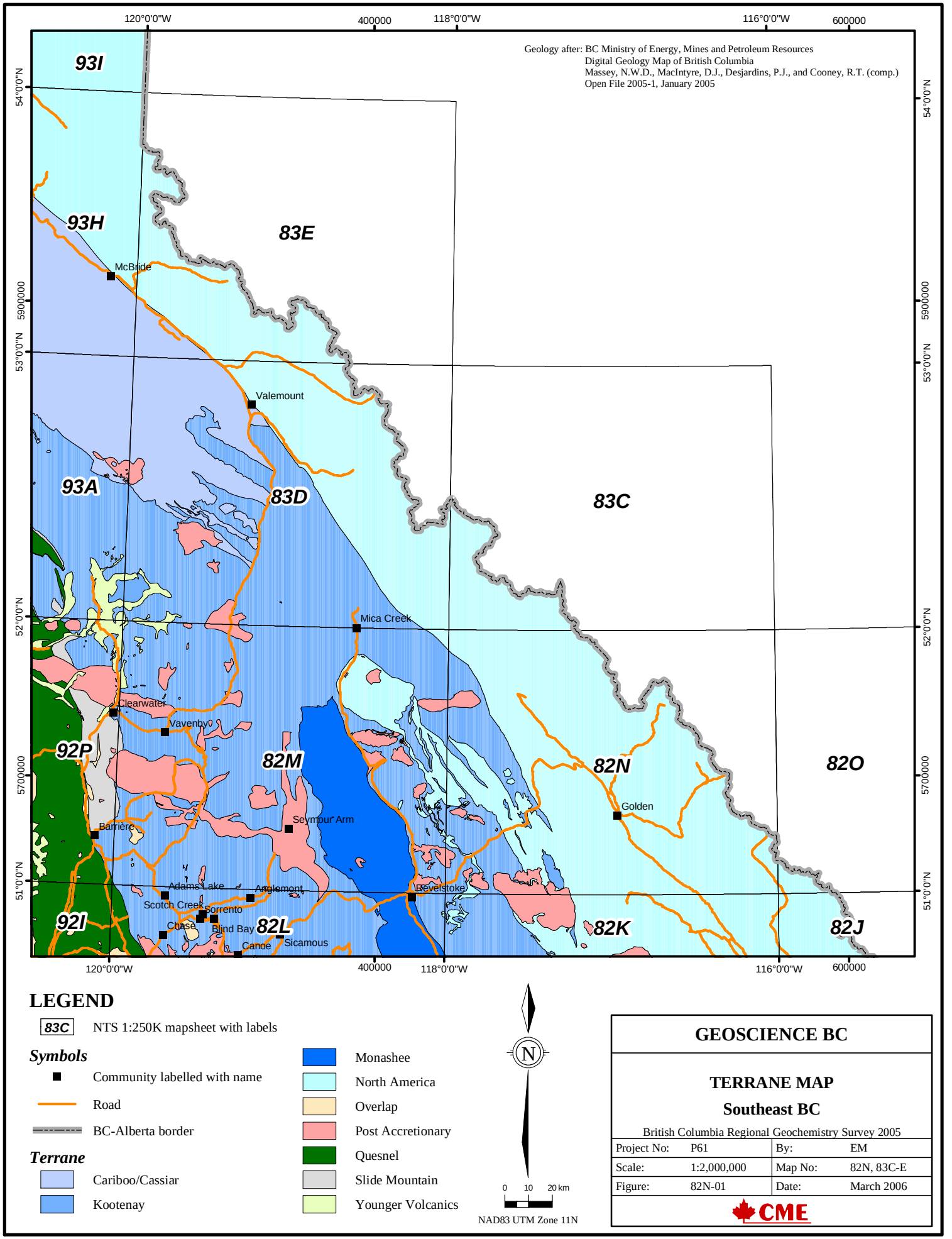
Statistical Analysis of Sediment Samples - ICPMS

Element	Pass	n	min	max	mean	std dev
Mo	1	1409	0.04	27.62	0.78	1.57
ppm	2	1381	0.04	3.84	0.6	0.54
Cu	1	1409	0.71	408.44	27.59	19.17
ppm	2	1375	0.71	65.6	25.95	13.37
Pb	1	1409	0.86	199.66	11.07	9.42
ppm	2	1379	0.86	29.62	10.3	6.29
Zn	1	1409	2.8	444.9	58.5	34.8
ppm	2	1376	2.8	123.8	55	23.5
Ag	1	1409	3	1747	51	82
ppb	2	1382	3	213	42	28
Ni	1	1409	2	150	30	16
ppm	2	1358	2	62	28	12
Co	1	1409	0.9	122.5	13.4	7.7
ppm	2	1376	0.9	28.8	12.7	5
Mn	1	1409	24	5410	433	277
ppm	2	1374	24	984	407	178
Fe	1	1409	0.25	7.86	2.53	0.94
%	2	1367	0.25	4.4	2.46	0.84
As	1	1409	0.1	160.2	5.1	9.6

ppm	2	1367	0.1	23.9	3.9	4.5
U	1	1409	0.1	45.9	2.6	3.7
ppm	2	1369	0.1	10	2.1	1.8
Au	1	1409	0.1	556.2	3.3	21.9
ppb	2	1390	0.1	42.2	1.4	3.5
Th	1	1409	0.1	107.5	8	6.5
ppm	2	1381	0.1	20.8	7.6	4.1
Sr	1	1409	0.9	1285.7	77.2	121.5
ppm	2	1332	0.9	318.5	55.3	72.1
Cd	1	1409	0.01	6.45	0.12	0.33
ppm	2	1384	0.01	0.65	0.08	0.08
Sb	1	1409	0.01	4.87	0.19	0.35
ppm	2	1356	0.01	0.89	0.14	0.17
Bi	1	1409	0.01	7.37	0.3	0.37
ppm	2	1381	0.01	1	0.26	0.15
V	1	1409	1	226	17	15
ppm	2	1346	1	46	15	11
Ca	1	1409	0.02	40	3.71	6.72
%	2	1306	0.02	17.14	2.16	3.76
P	1	1409	0.01	1.06	0.09	0.06
%	2	1353	0.01	0.21	0.08	0.03
La	1	1409	1.6	693.4	21.8	25.4
ppm	2	1377	1.6	71.2	19.5	12.3
Cr	1	1409	1.4	122.9	24.3	14.8
ppm	2	1353	1.4	53.8	22.4	11.2
Mg	1	1409	0.05	11.9	1.15	1.32
%	2	1354	0.05	3.78	0.93	0.66
Ba	1	1409	3.4	1144.1	67.9	91.6
ppm	2	1366	3.4	250.7	56.2	51.7
Ti	1	1409	0.001	0.307	0.048	0.063
%	2	1327	0.001	0.174	0.038	0.048
B	1	1409	1	15	2	2
ppm	2	1367	1	5	1	1
Al	1	1409	0.06	4.41	1.13	0.51
%	2	1378	0.06	2.14	1.09	0.46
Na	1	1409	0.001	0.249	0.01	0.015
%	2	1374	0.001	0.04	0.008	0.009
K	1	1409	0.01	1.46	0.2	0.26
%	2	1327	0.01	0.72	0.15	0.18
W	1	1409	0.1	37.3	0.3	1.4
ppm	2	1381	0.1	2.8	0.1	0.3
Sc	1	1409	0.1	7.4	2.1	1
ppm	2	1350	0.1	4.1	2	0.9
Tl	1	1409	0.01	0.72	0.12	0.13
ppm	2	1330	0.01	0.38	0.1	0.1
S	1	1409	0.01	1.56	0.06	0.08
%	2	1364	0.01	0.22	0.05	0.04
Hg	1	1409	3	842	15	26
ppb	2	1395	3	63	13	12
Se	1	1409	0.1	4.4	0.5	0.5
ppm	2	1336	0.1	1.4	0.4	0.3
Te	1	1409	0.01	0.14	0.02	0.02
ppm	2	1359	0.01	0.05	0.02	0.01
Ga	1	1409	0.2	11.2	3.5	1.8
ppm	2	1355	0.2	7	3.3	1.5

Statistical Analysis of Sediment Samples - INAA

Element	Pass	n	min	max	mean	std dev
Sb	1	1408	0.1	5.5	0.3	0.5
ppm	2	1354	0.1	1.2	0.2	0.3
As	1	1408	0.3	166	5.7	10.1
ppm	2	1365	0.3	25	4.4	4.8
Ba	1	1408	25	7410	515	443
ppm	2	1370	25	1400	458	211
Br	1	1408	0.3	101	6.2	9.2
ppm	2	1354	0.3	24	4.8	5
Ca	1	1408	1	32	4	5
%	2	1303	1	14	3	3
Ce	1	1408	5	1120	177	129
ppm	2	1354	5	433	160	91
Cs	1	1408	1	24	4	6
ppm	2	1398	1	15	4	2
Cr	1	1408	6	619	79	42
ppm	2	1367	6	160	75	30
Co	1	1408	1	116	15	8
ppm	2	1373	1	30	14	5
Eu	1	1408	0.1	20.1	2.1	1.4
ppm	2	1349	0.1	4.9	1.9	1
Au	1	1408	1	357	4	18
ppb	2	1387	1	39	2	3
Hf	1	1408	1	107	12	9
ppm	2	1354	1	30	11	7
Fe	1	1408	0.32	11.9	3.78	1.39
%	2	1365	0.32	6.54	3.65	1.21
La	1	1408	2.3	776	94.2	73.2
ppm	2	1344	2.3	239	83.1	48.8
Lu	1	1408	0.03	3.9	0.62	0.42
ppm	2	1345	0.03	1.4	0.56	0.31
Mo	1	1408	1	32	2	2
ppm	2	1369	1	6	2	1
Nd	1	1408	3	638	70	49
ppm	2	1357	3	160	63	34
Rb	1	1408	8	240	89	34
ppm	2	1357	8	150	85	30
Sm	1	1408	0.4	116	13	9.8
ppm	2	1345	0.4	32.6	11.6	6.7
Sc	1	1408	0.7	37.8	12	5.3
ppm	2	1345	0.7	22.4	11.3	4.2
Na	1	1408	0.03	2.78	0.91	0.48
%	2	1353	0.03	1.87	0.86	0.42
Ta	1	1408	0.3	14	1.9	1.8
ppm	2	1336	0.3	5.5	1.6	1.1
Tb	1	1408	0.3	16	1.5	1.2
ppm	2	1358	0.3	3.8	1.3	0.8
Th	1	1408	1	182	24	20
ppm	2	1344	1	64	21	12
W	1	1408	1	103	2	4
ppm	2	1383	1	10	2	2
U	1	1408	0.3	65.2	6.5	5.8
ppm	2	1352	0.3	18	5.7	3.6
Yb	1	1408	0.1	27.2	4.1	2.9
ppm	2	1341	0.1	9.5	3.6	2
Zn	1	1408	25	430	53	40
ppm	2	1358	25	130	48	29



LEGEND

83C NTS 1:250K mapsheet with labels

Symbols

- Community labelled with name
- Road
- BC-Alberta border

Terrane

- Cariboo/Cassiar
- Kootenay
- Monashee
- North America
- Overlap
- Post Accretionary
- Quesnel
- Slide Mountain
- Younger Volcanics

N

0 10 20 km

NAD83 UTM Zone 11N

GEOSCIENCE BC

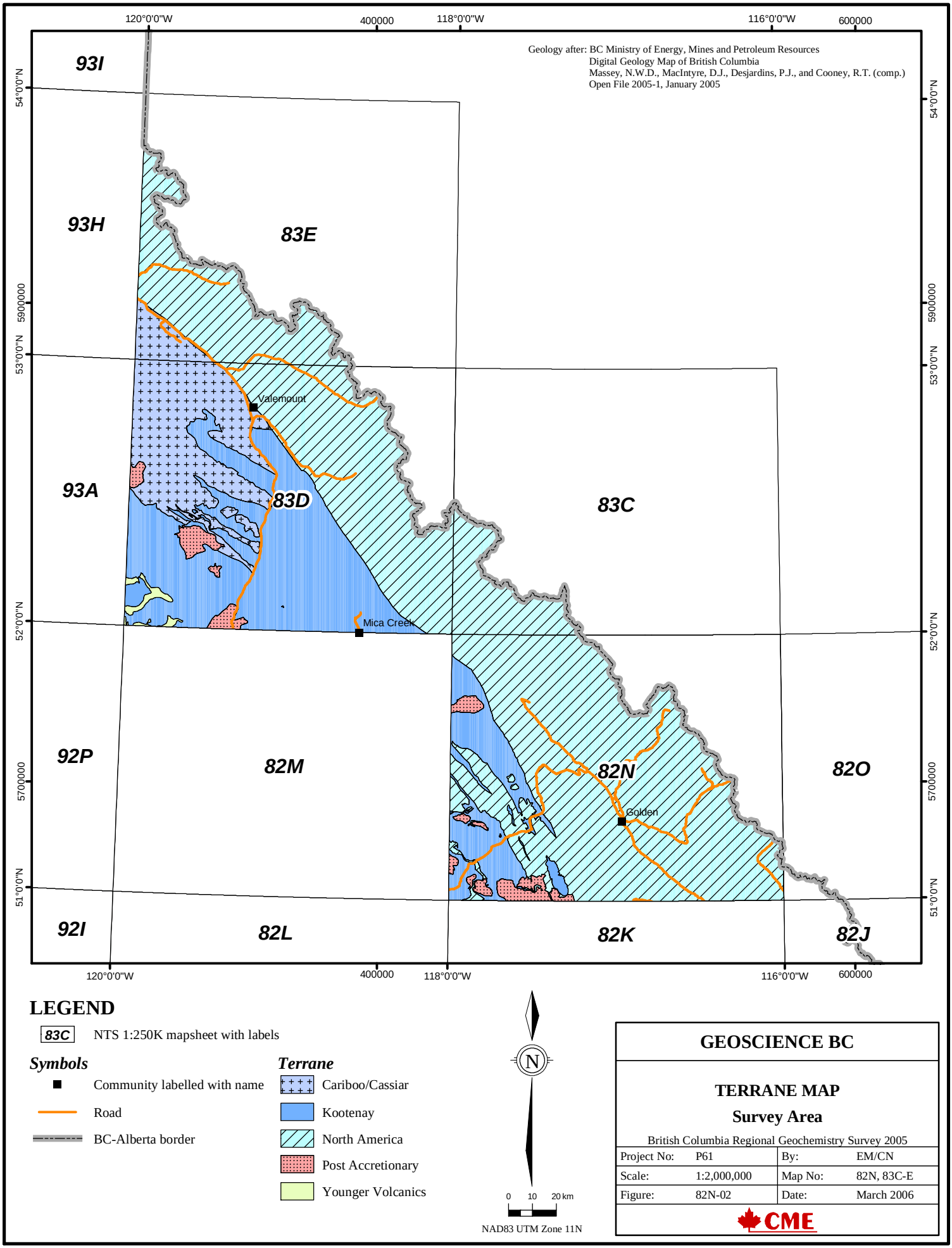
TERRANE MAP

Southeast BC

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM
Scale:	1:2,000,000	Map No:	82N, 83C-E
Figure:	82N-01	Date:	March 2006

CME



LEGEND

83C NTS 1:250K mapsheet with labels

Symbols

- Community labelled with name
- Road
- BC-Alberta border

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary
- Younger Volcanics

N

0 10 20 km

NAD83 UTM Zone 11N

GEOSCIENCE BC

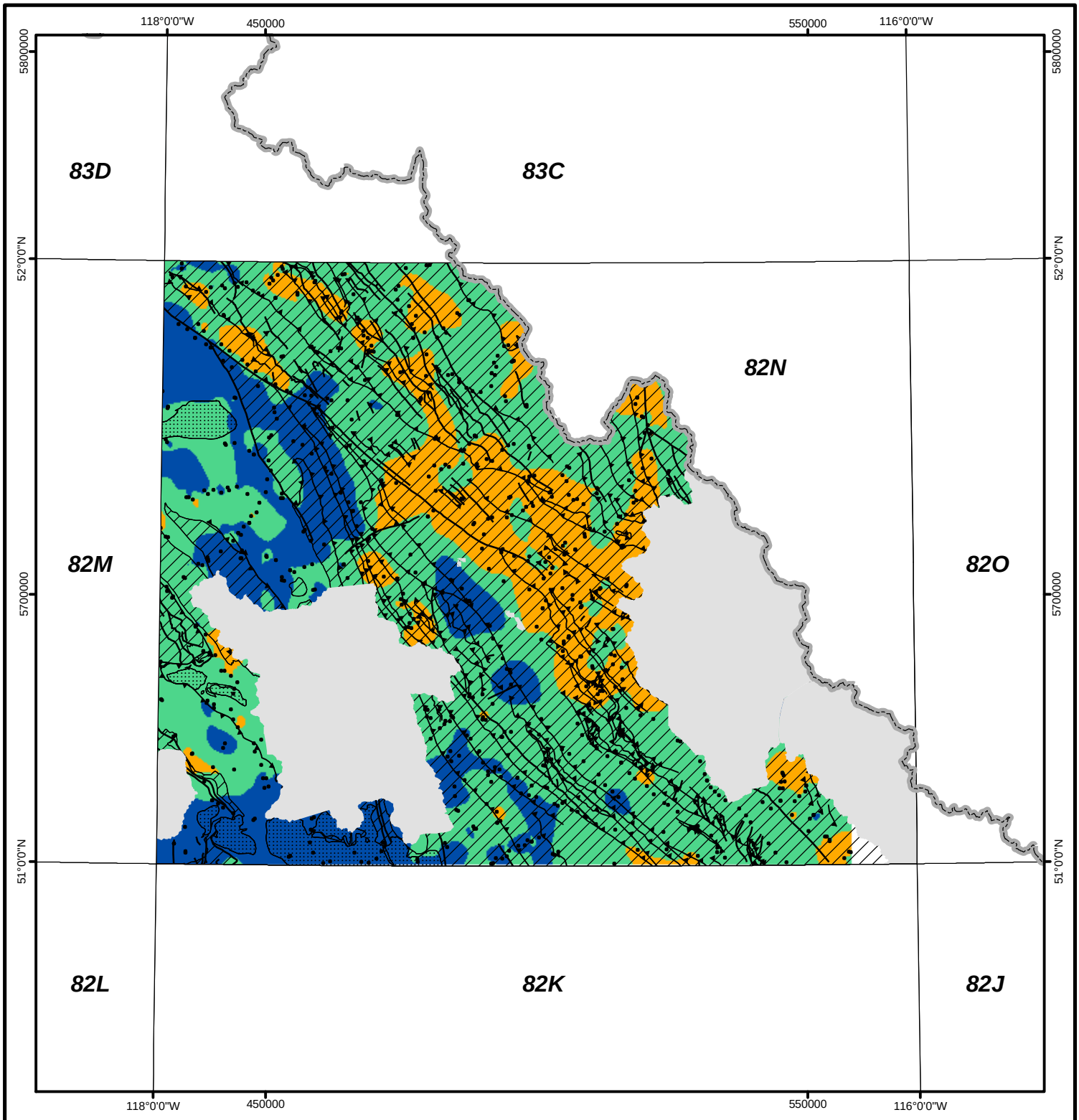
TERRANE MAP

Survey Area

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:2,000,000	Map No:	82N, 83C-E
Figure:	82N-02	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

pH

- > 8.81
- 8.13 - 8.81
- 7.45 - 8.13
- < 7.45

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

GEOSCIENCE BC

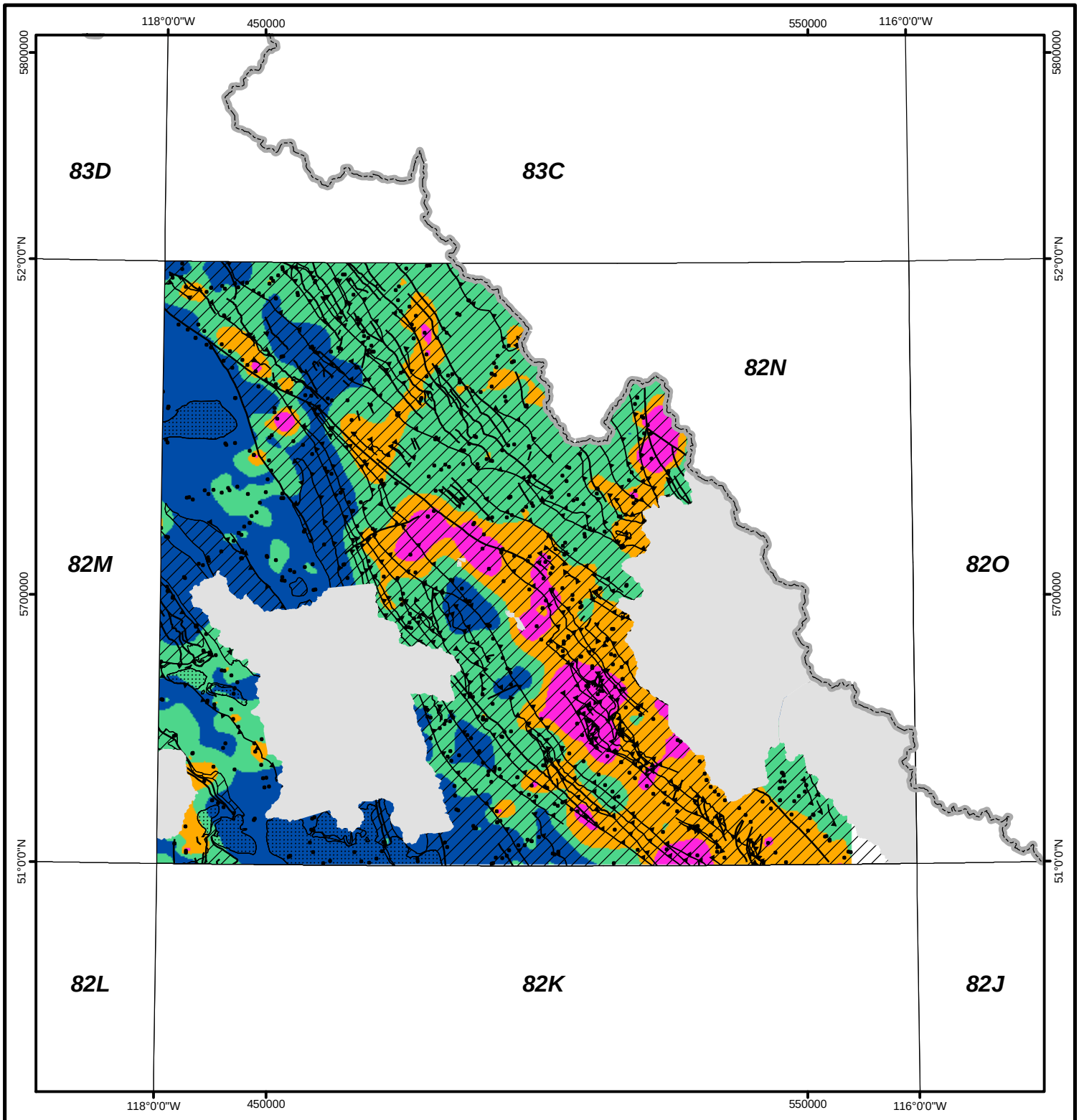
WATER GEOCHEMICAL PLAN MAP
Mapsheet 82N

pH

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-03	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

µS

- > 391.30
- 274.78 - 391.30
- 158.23 - 274.78
- < 158.26

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

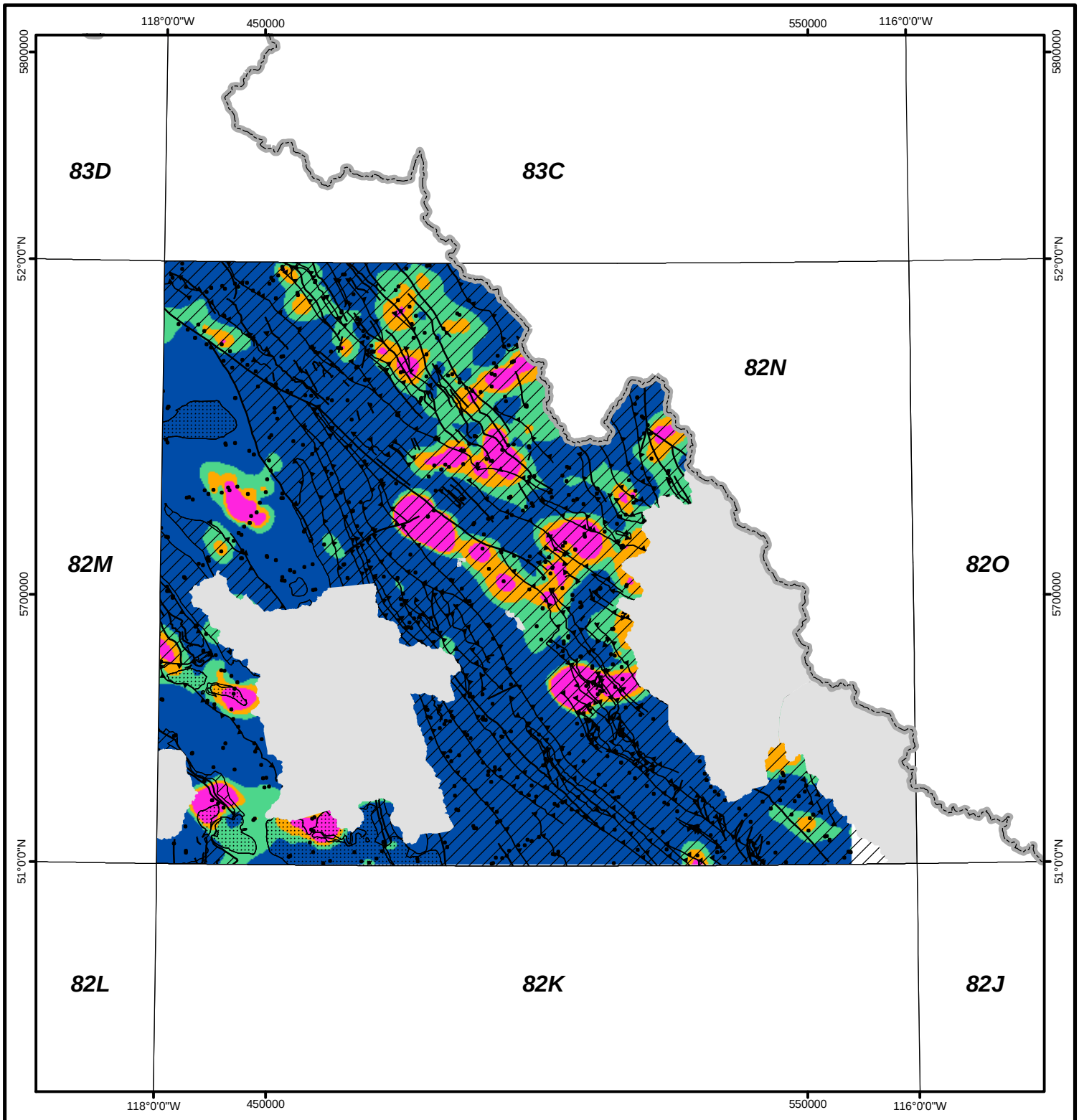
GEOSCIENCE BC

WATER GEOCHEMICAL PLAN MAP
Mapsheet 82N
Conductivity (µS)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-04	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

F (mg/L)

- > 0.10
- 0.07 - 0.10
- 0.04 - 0.07
- < 0.04

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

N

0 10 20 km

NAD83 UTM Zone 11N

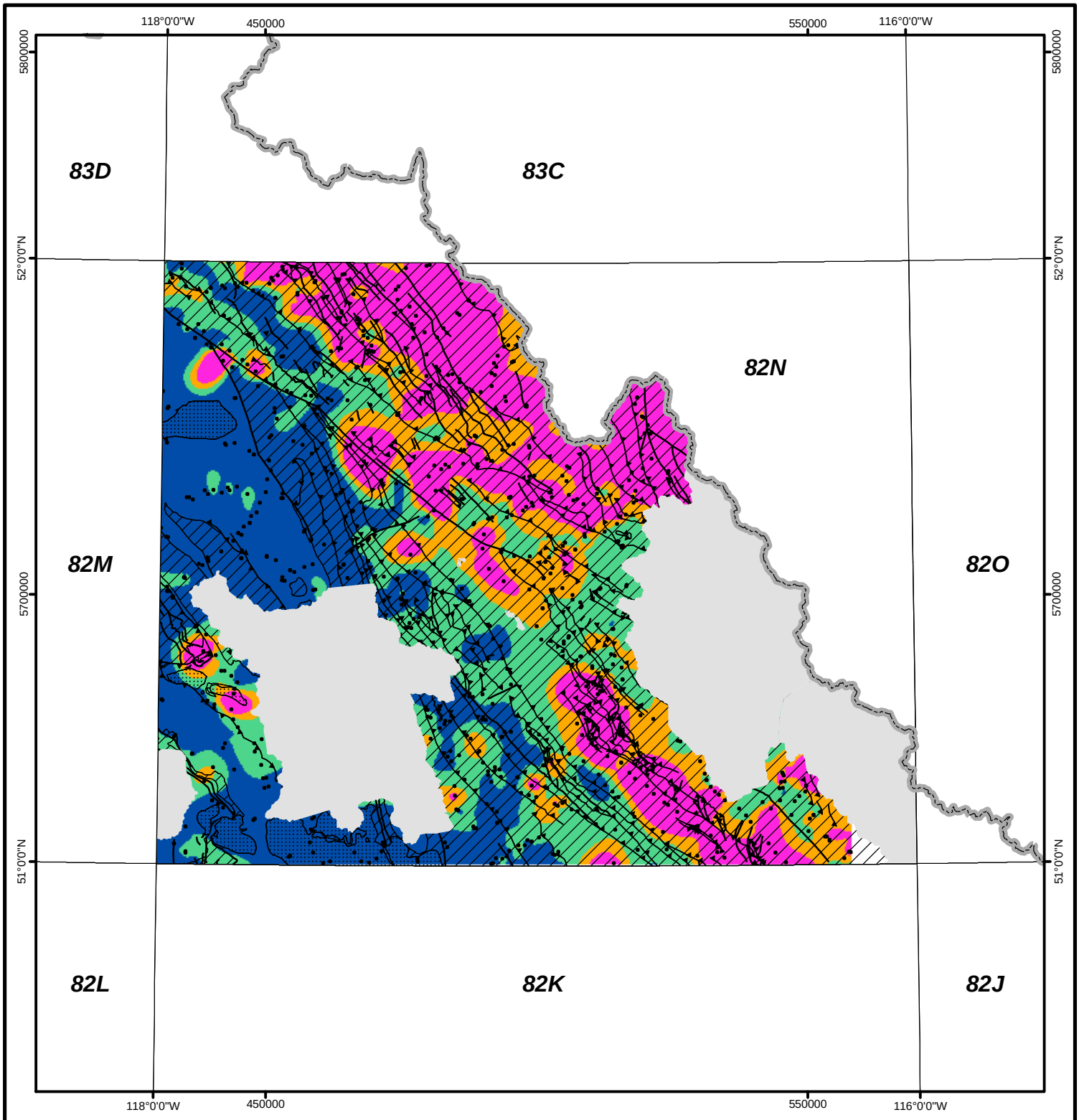
GEOSCIENCE BC

WATER GEOCHEMICAL PLAN MAP
Mapsheet 82N
F (mg/L)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-05	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

LOI (%)

- > 20.2
- 14.1 - 20.2
- 8.0 - 14.1
- < 8.0

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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GEOSCIENCE BC

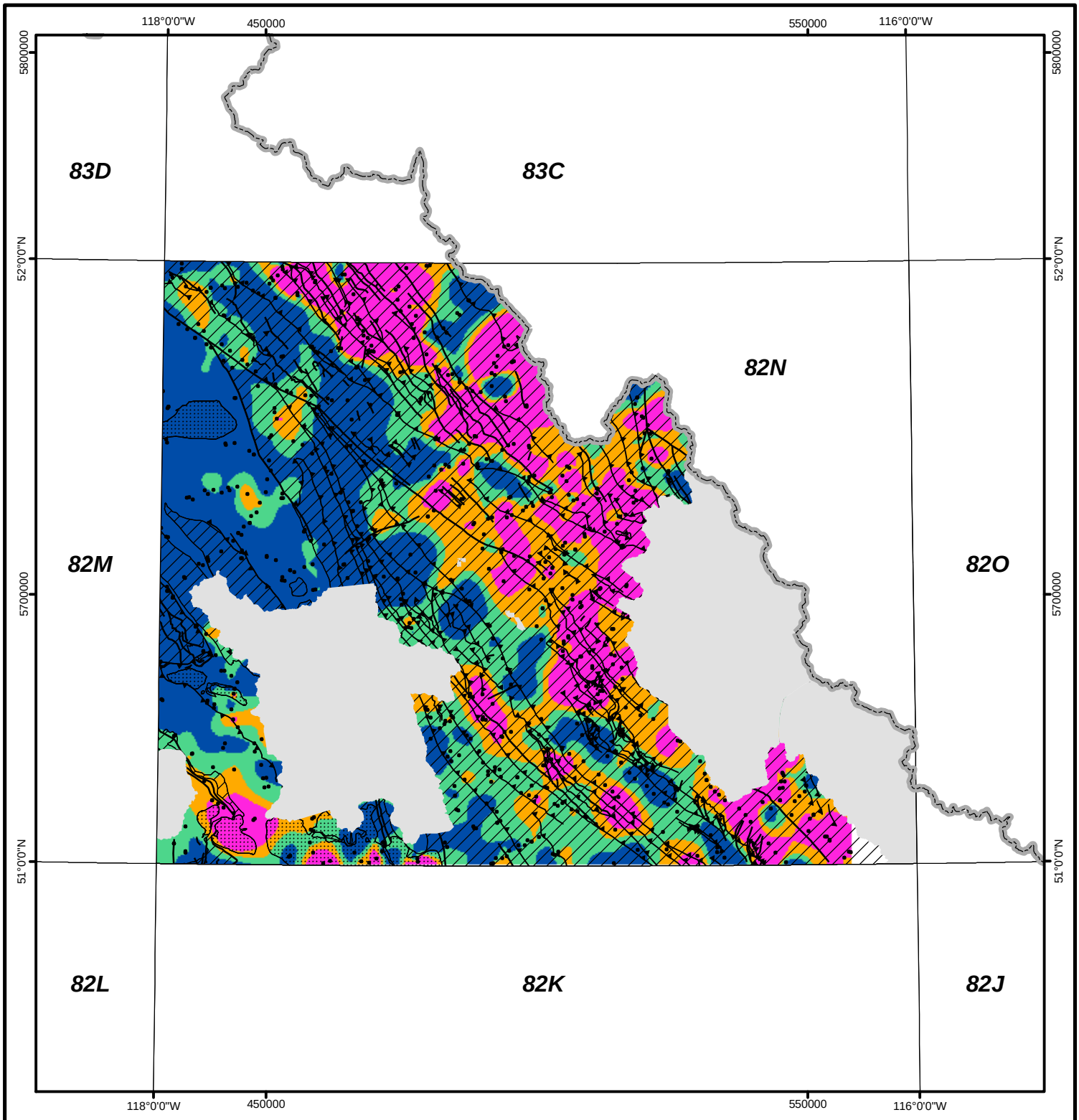
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

Loss on Ignition (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-06	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

F (ppm)

- > 789
- 637 - 789
- 485 - 637
- < 485

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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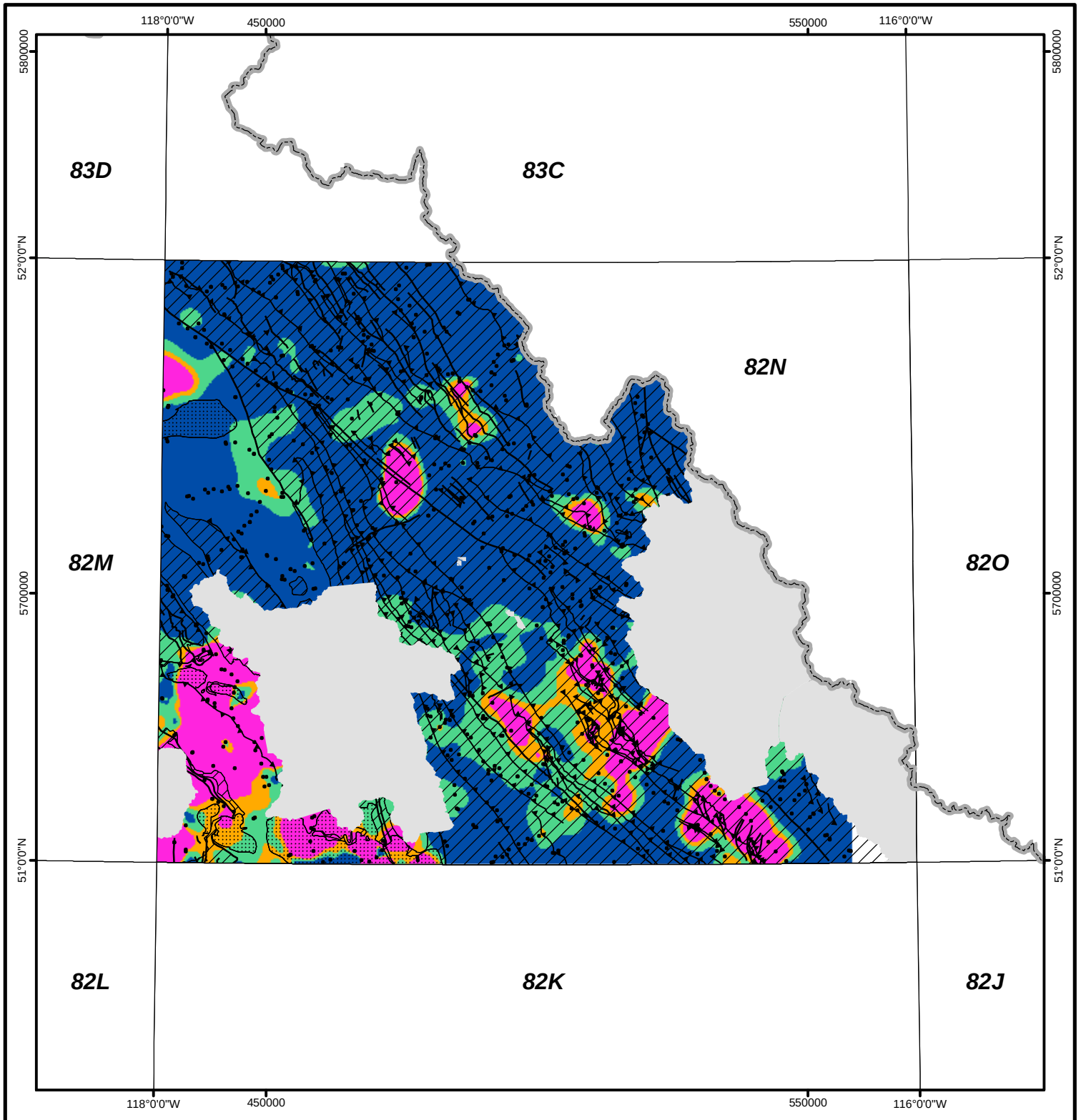
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

F (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-07	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Mo (ppm)

- > 1.68
- 1.14 - 1.68
- 0.60 - 1.14
- < 0.60

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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GEOSCIENCE BC

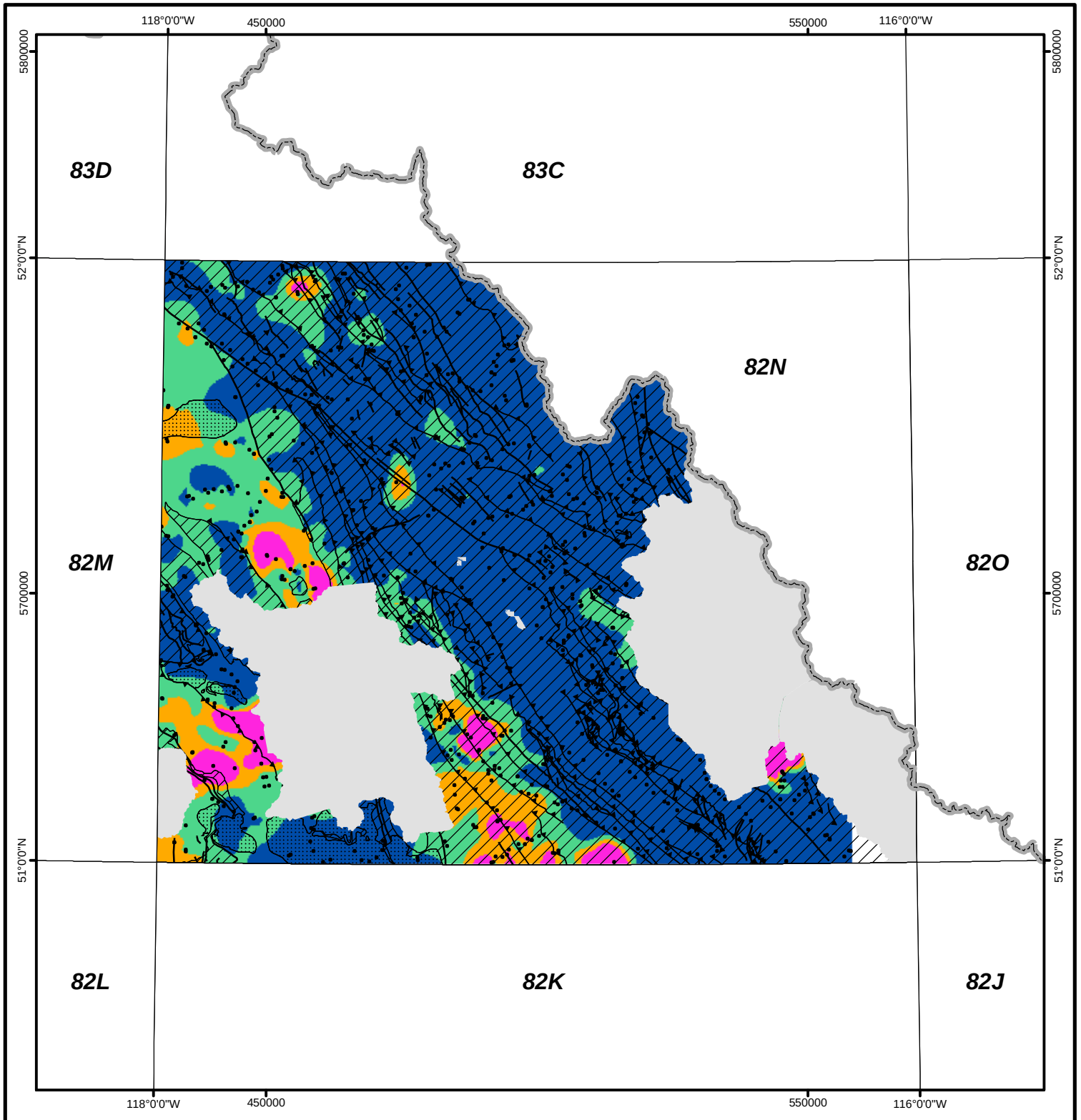
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

ICPMS: Mo (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-08	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Cu (ppm)

- > 52.69
- 39.32 - 52.69
- 25.95 - 39.32
- < 25.95

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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GEOSCIENCE BC

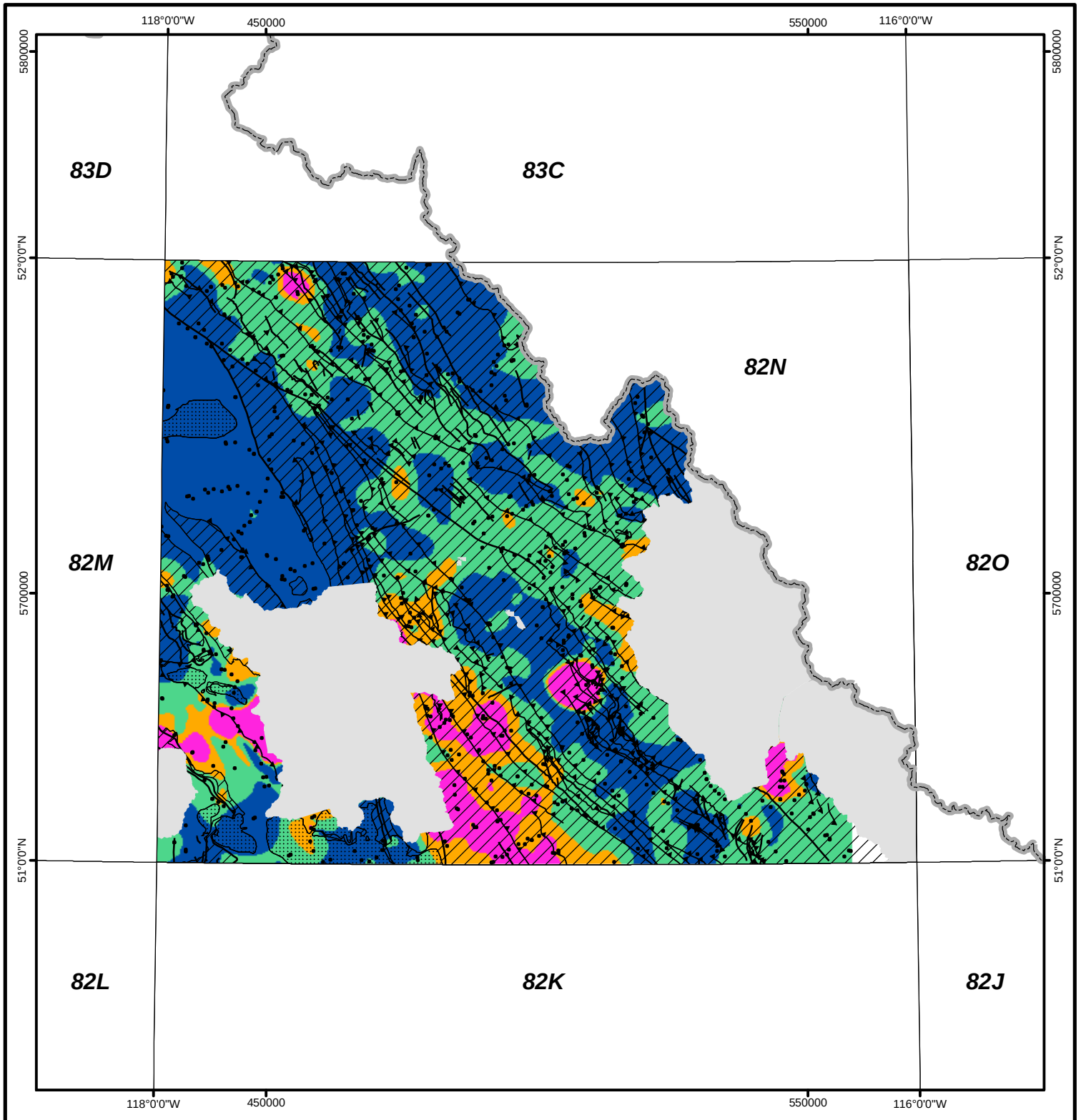
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

ICPMS: Cu (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-09	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Pb (ppm)

- > 22.88
- 16.59 - 22.88
- 10.30 - 16.59
- < 10.30

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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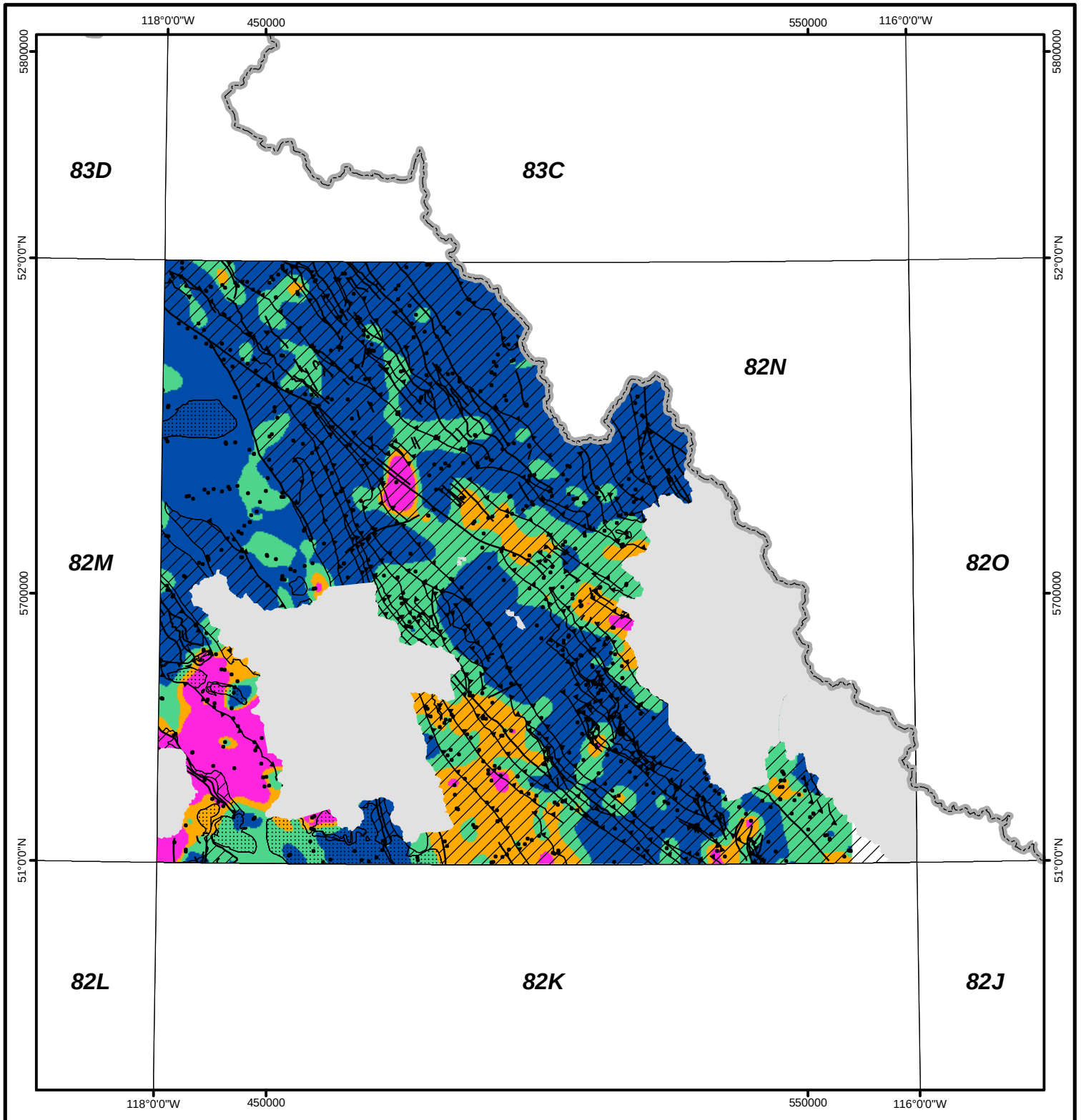
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

ICPMS: Pb (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-10	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Zn (ppm)

- > 102.0
- 78.5 - 102.0
- 55.0 - 78.5
- < 55.0

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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GEOSCIENCE BC

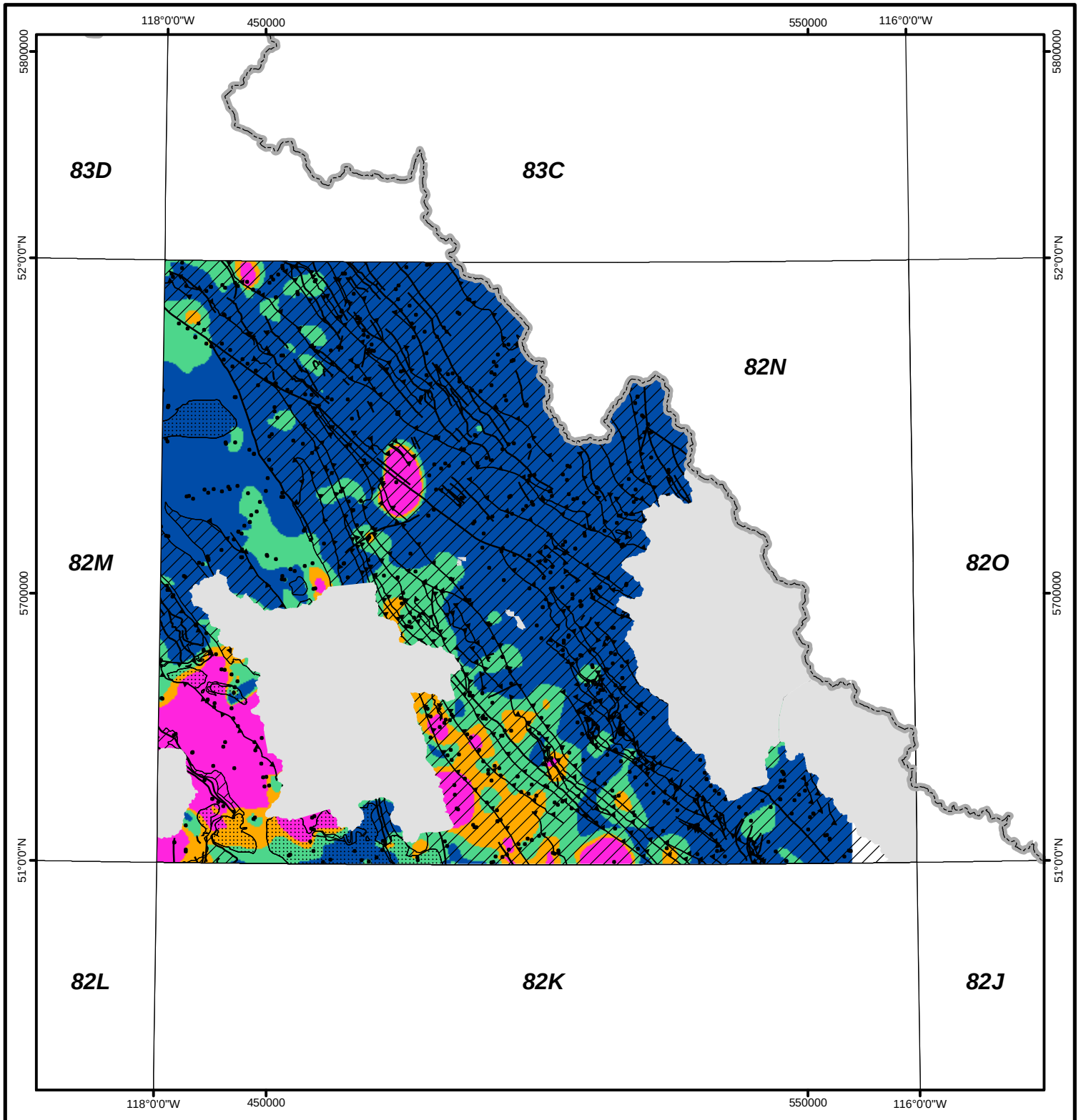
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

ICPMS: Zn (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-11	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ag (ppb)

- > 98
- 70 - 98
- 42 - 70
- < 42

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

GEOSCIENCE BC

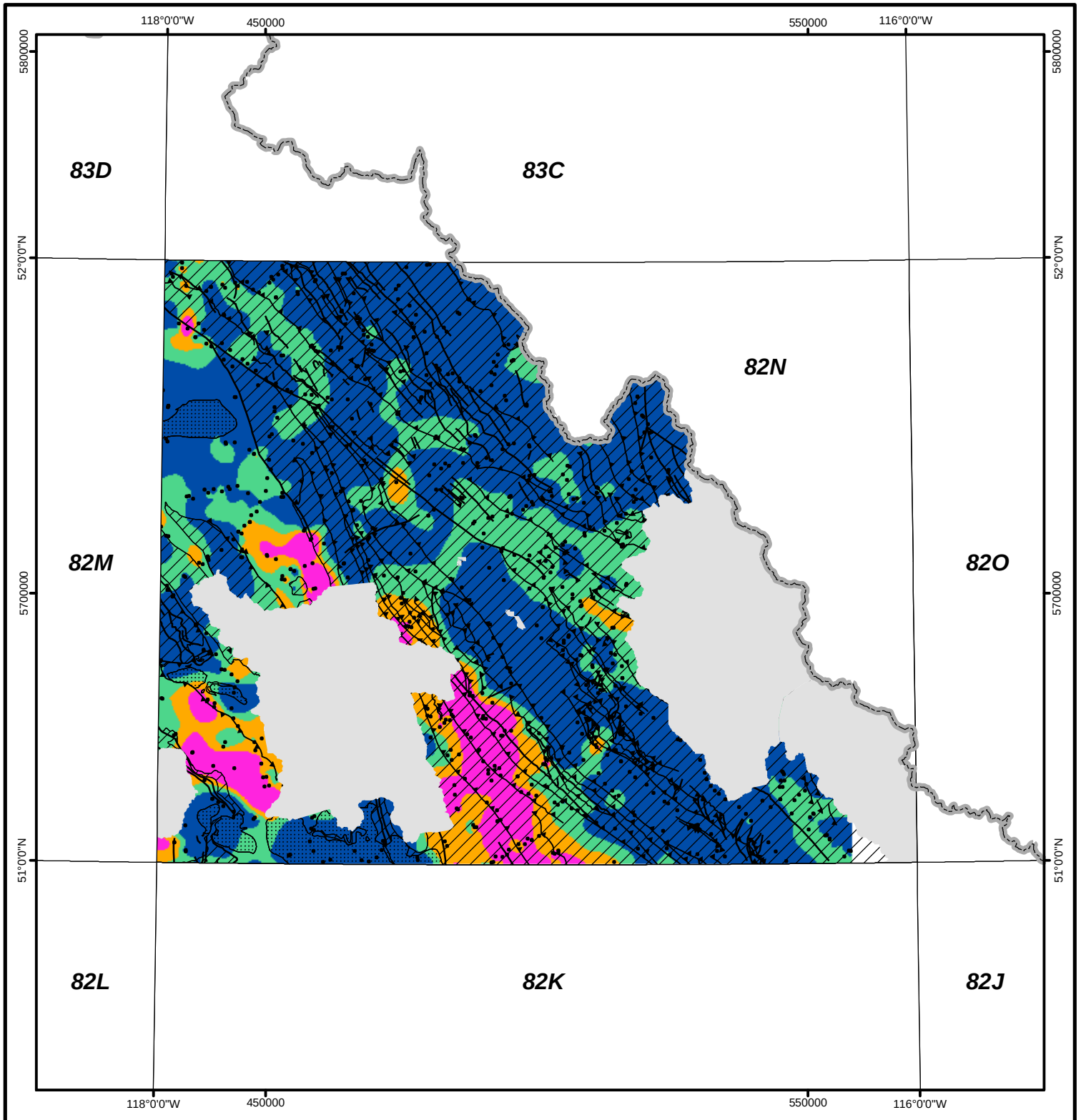
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

ICPMS: Ag (ppb)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-12	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ni (ppm)

- > 52
- 40 - 52
- 28 - 40
- < 28

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

N

0 10 20 km

NAD83 UTM Zone 11N

GEOSCIENCE BC

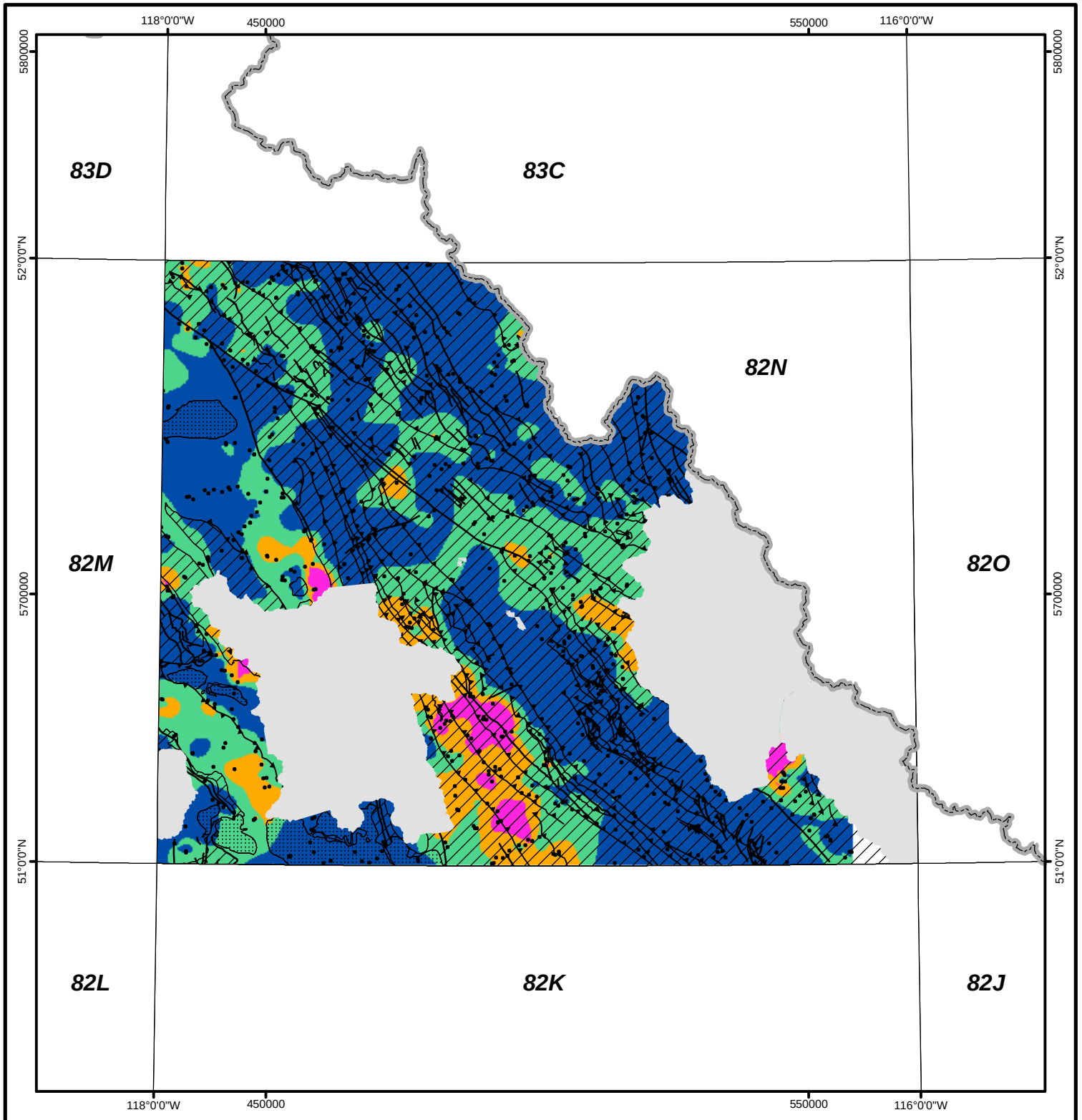
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

ICPMS: Ni (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-13	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Co (ppm)

- > 22.7
- 17.7 - 22.7
- 12.7 - 17.7
- < 12.7

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

GEOSCIENCE BC

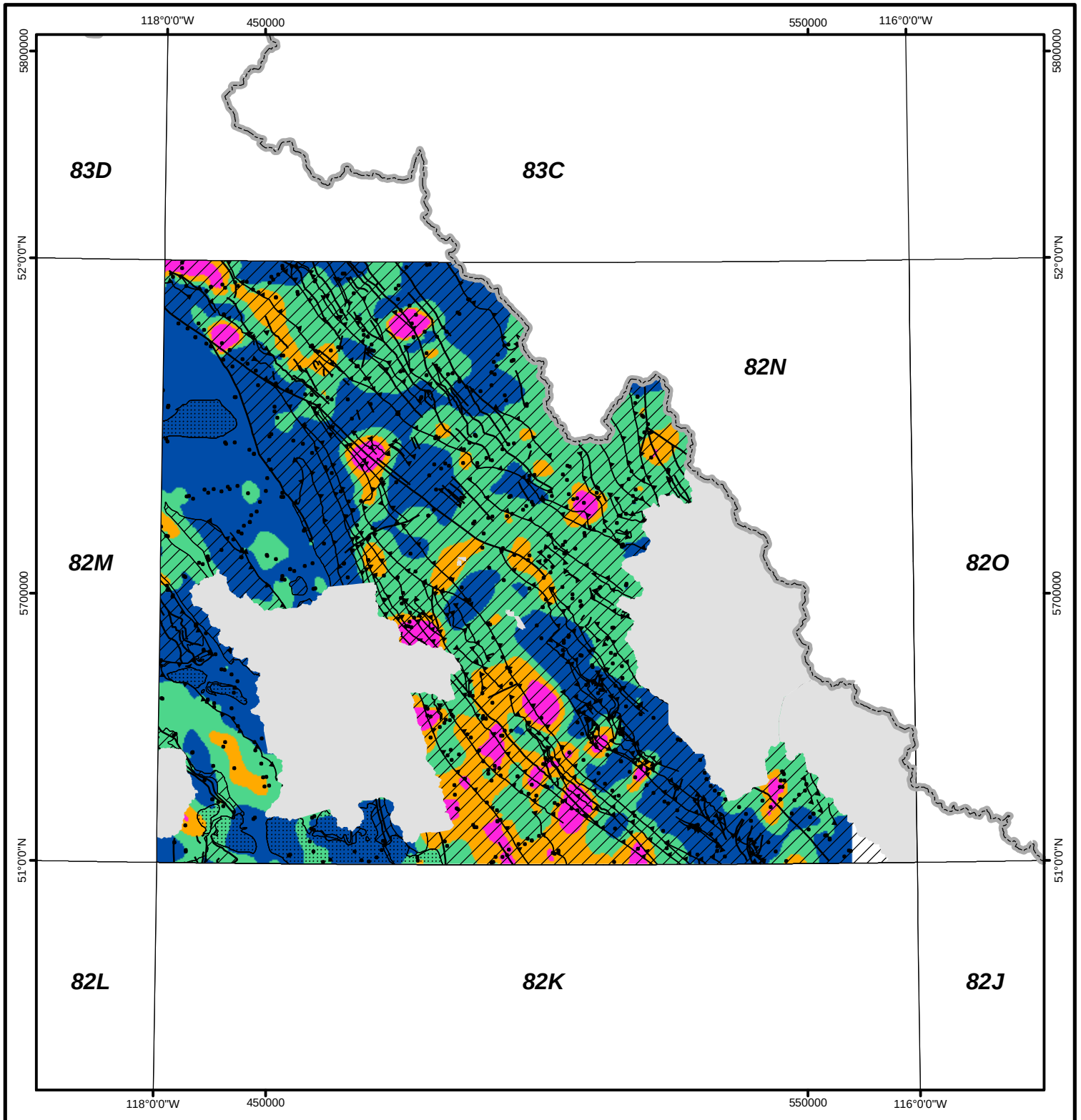
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

ICPMS: Co (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-14	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Mn (ppm)

- > 763
- 585 - 763
- 407 - 585
- < 407

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

GEOSCIENCE BC

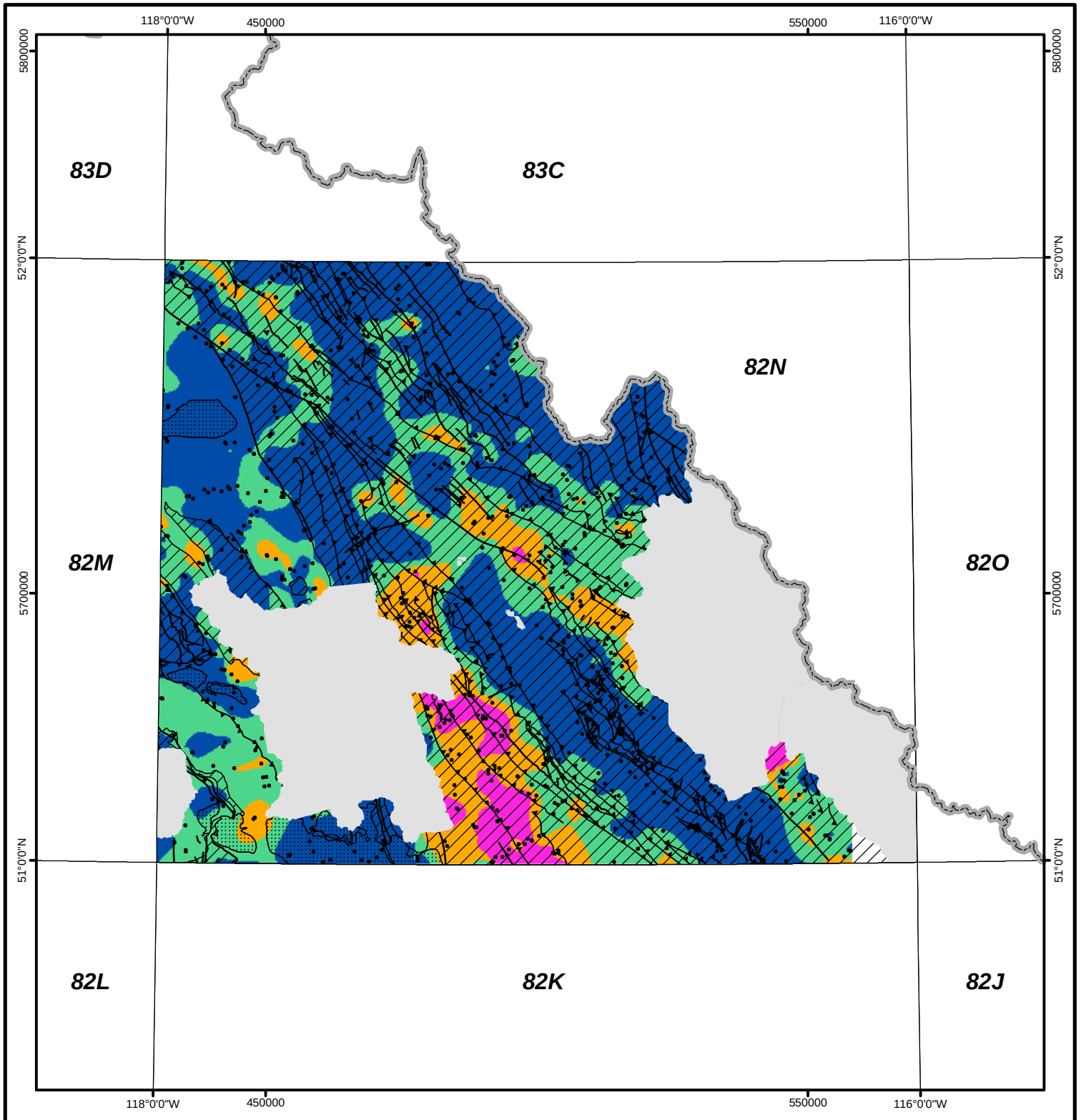
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

ICPMS: Mn (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-15	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Fe (%)

- > 4.14
- 3.30 - 4.14
- 2.46 - 3.30
- < 2.46

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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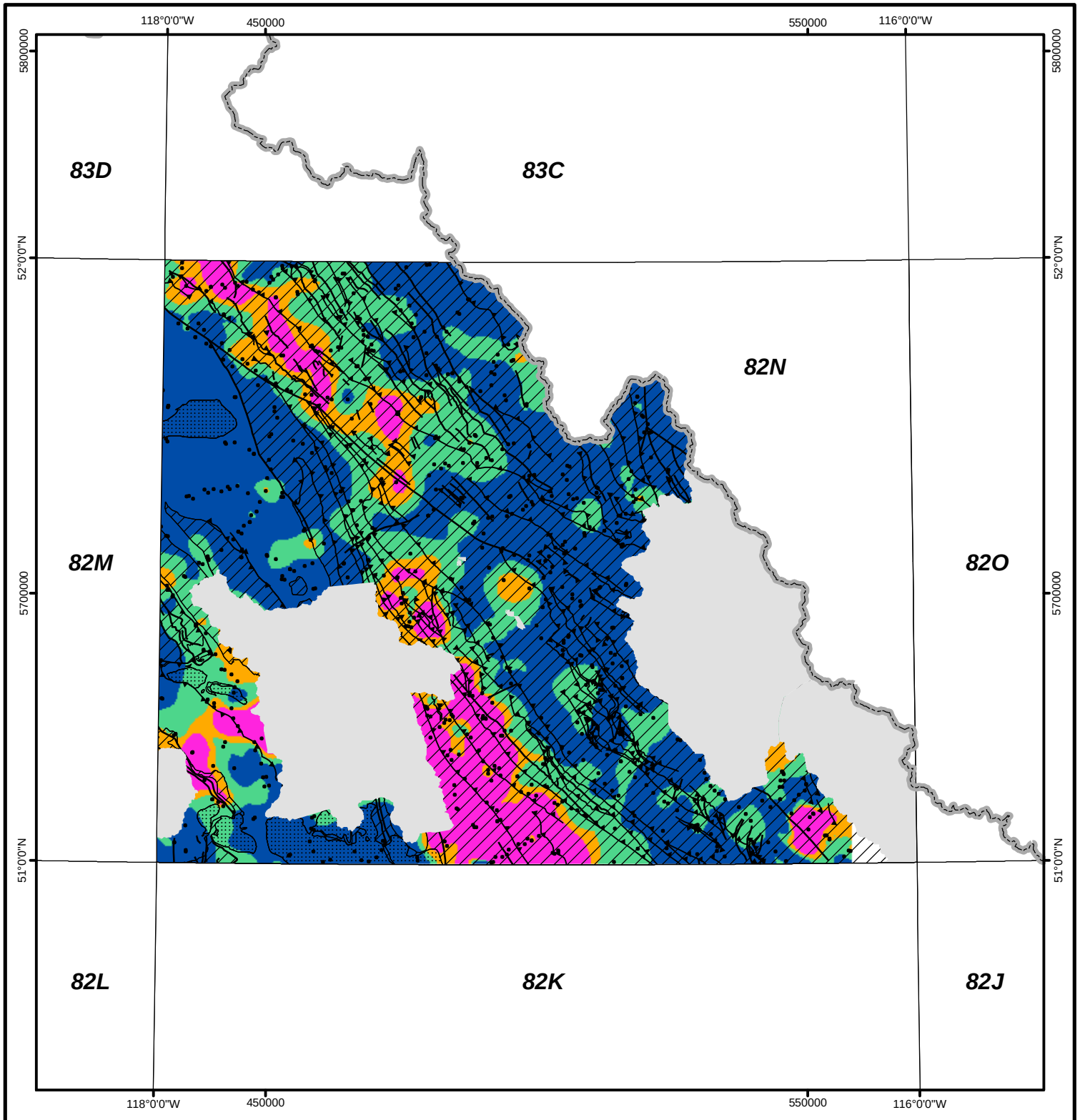
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

ICPMS: Fe (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-16	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

As (ppm)

- > 12.9
- 8.4 - 12.9
- 3.9 - 8.4
- < 3.9

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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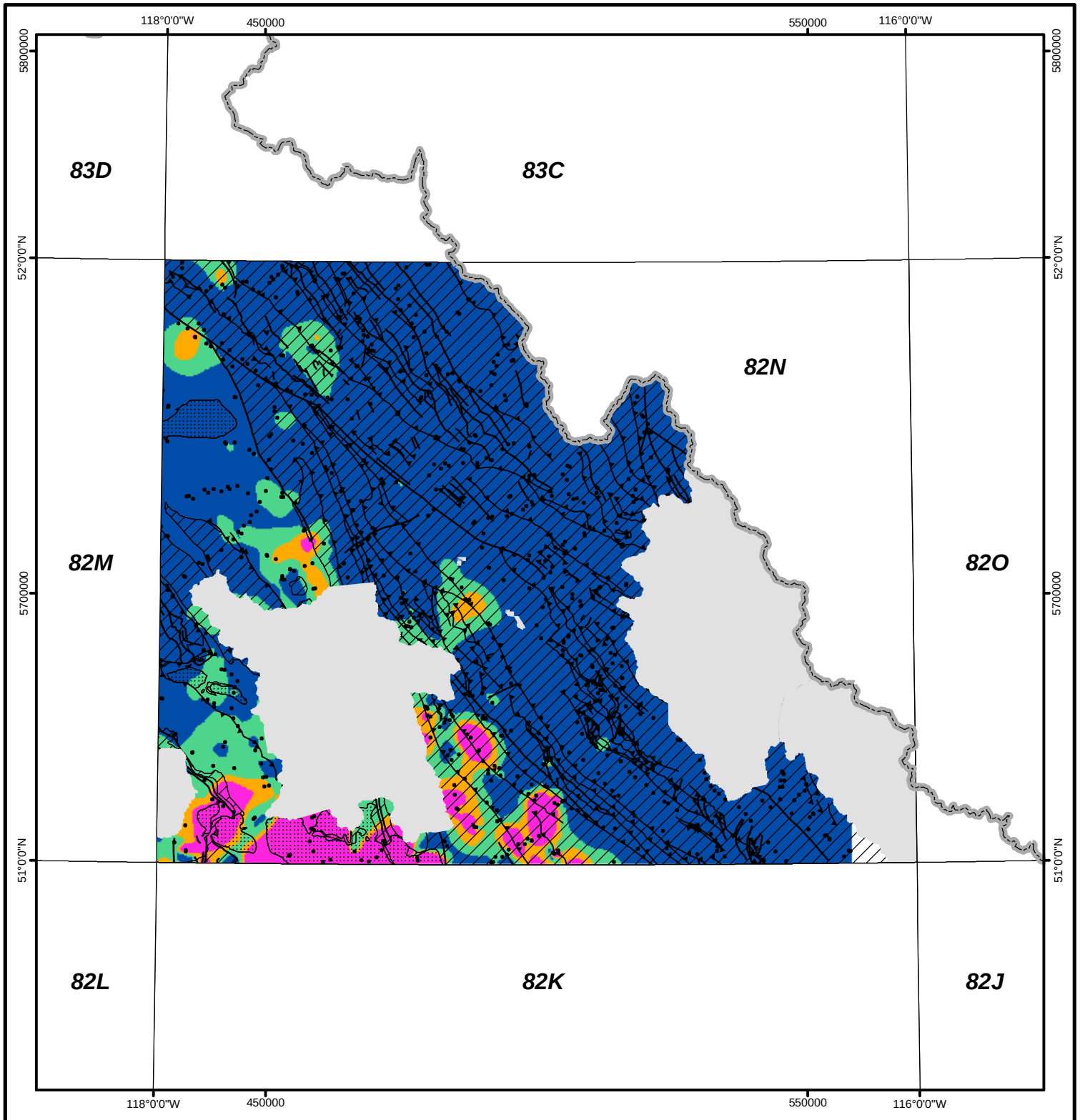
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

ICPMS: As (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-17	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

U (ppm)

- > 5.7
- 3.9 - 5.7
- 2.1 - 3.9
- < 2.1

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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N

0 10 20 km

NAD83 UTM Zone 11N

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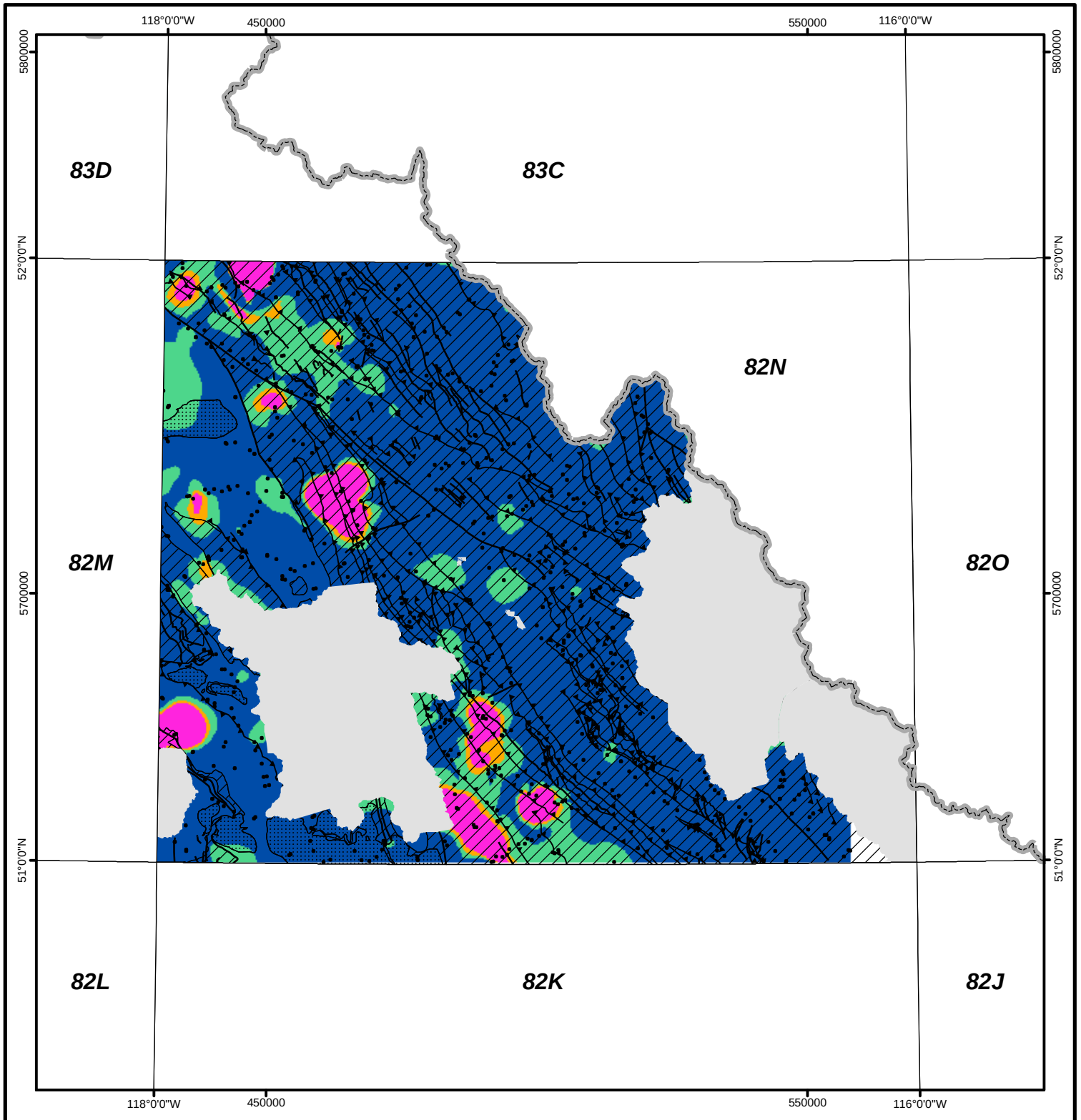
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

ICPMS: U (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-18	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Au (ppb)

- > 8.4
- 4.9 - 8.4
- 1.4 - 4.9
- < 1.4

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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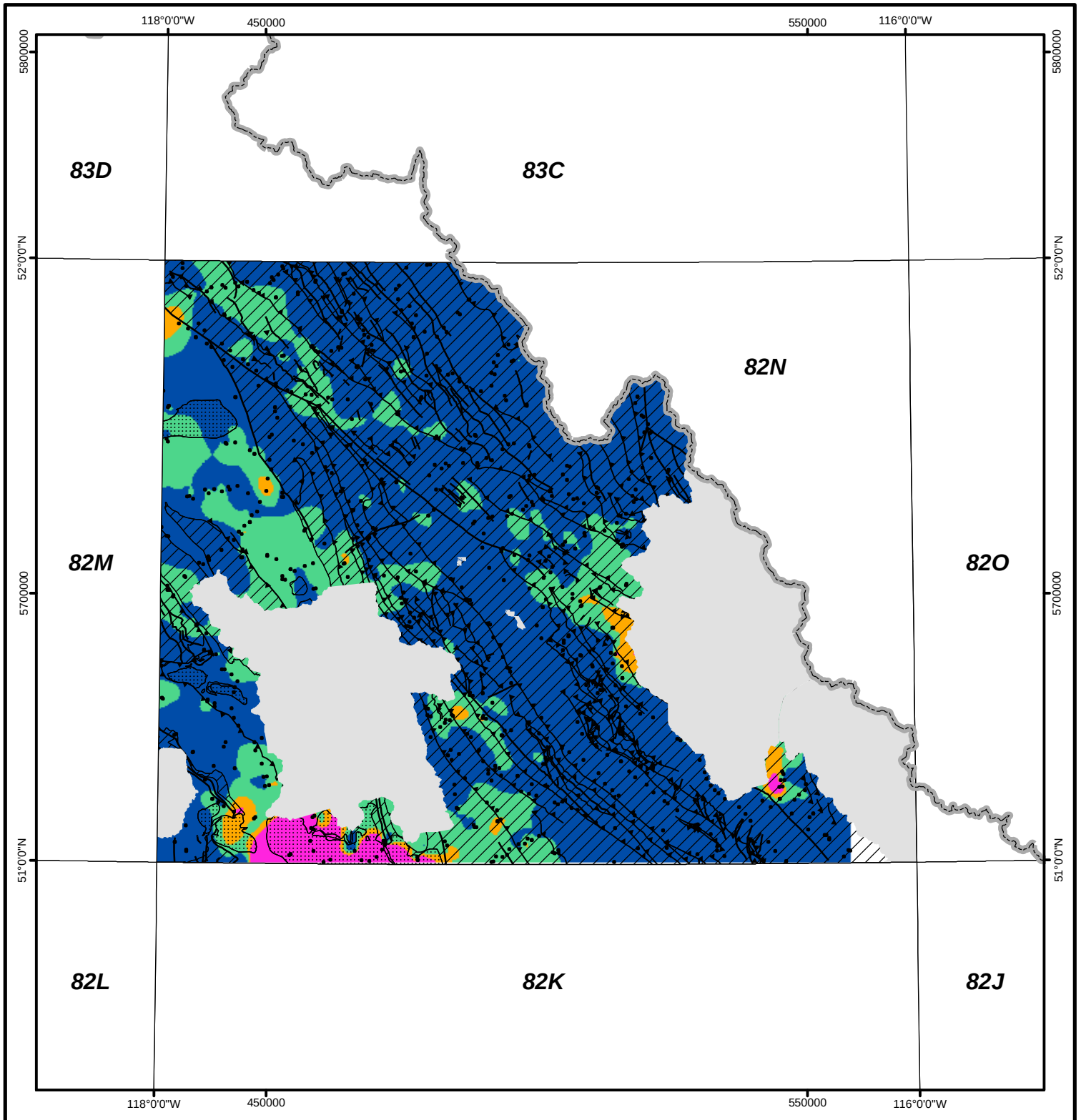
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

ICPMS: Au (ppb)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-19	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Th (ppm)

- > 15.8
- 11.7 - 15.8
- 7.6 - 11.7
- < 7.6

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
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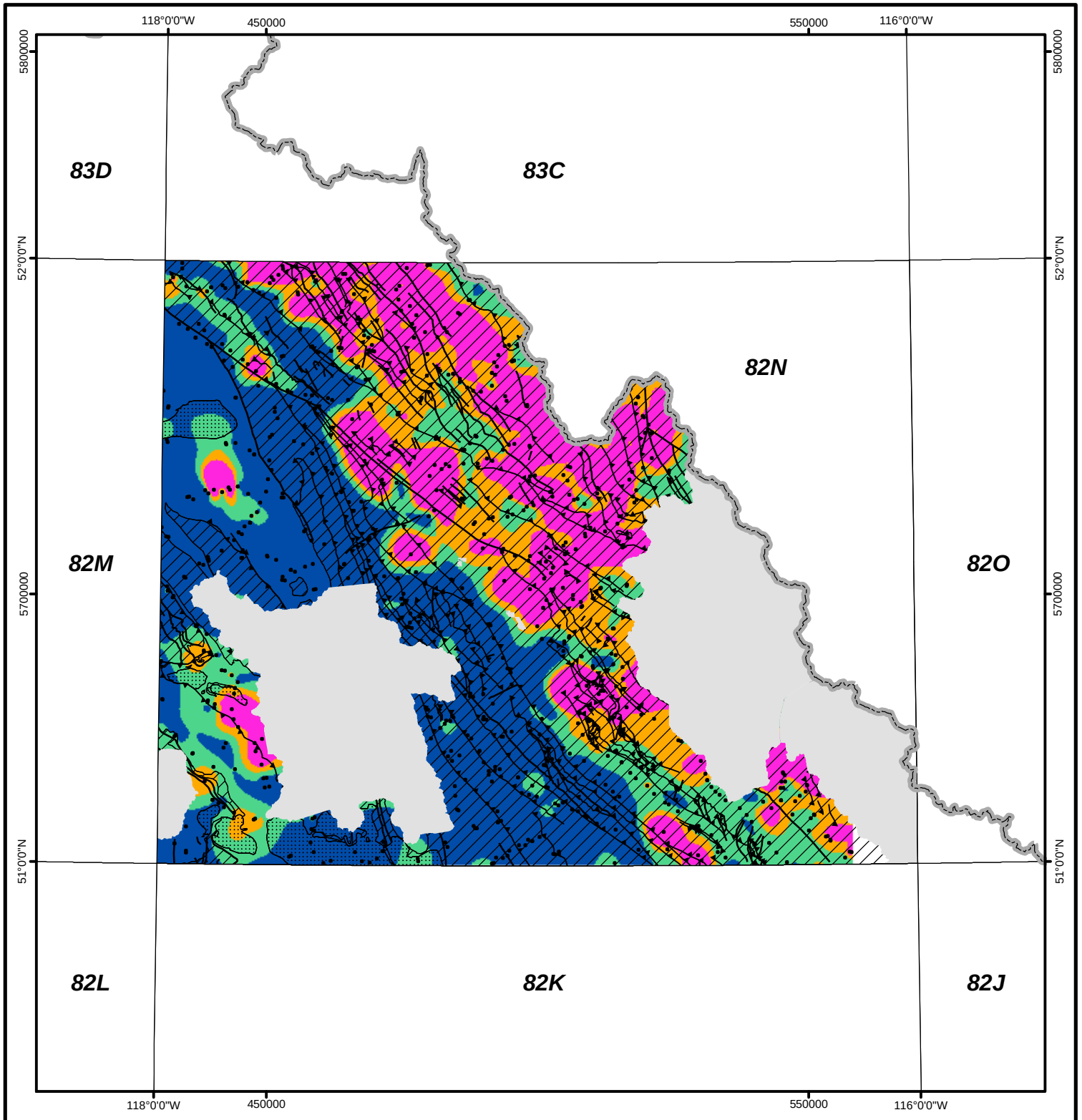
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

ICPMS: Th (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-20	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Sr (ppm)

- > 199.5
- 127.4 - 199.5
- 55.3 - 127.4
- < 55.3

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
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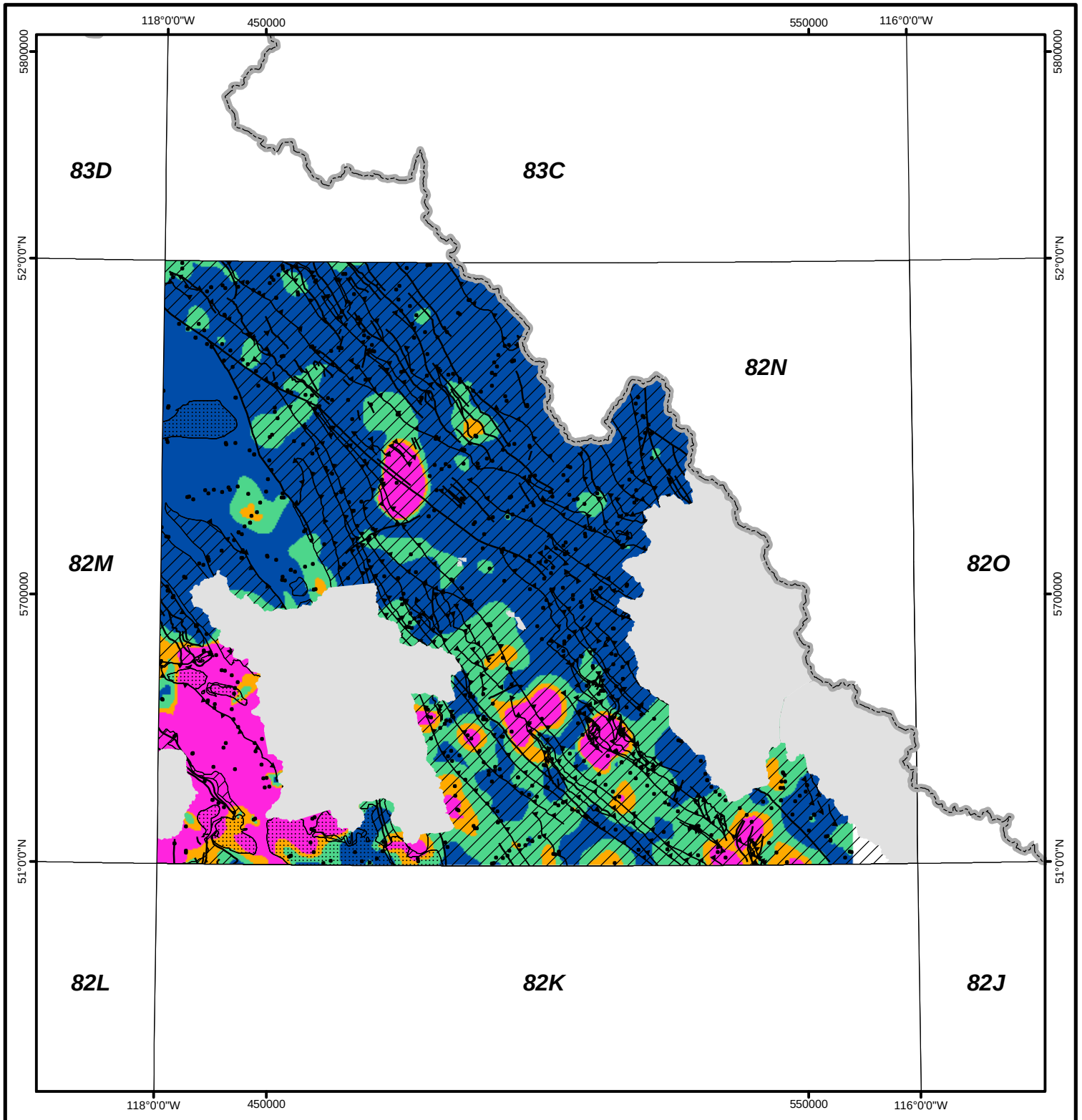
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

ICPMS: Sr (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-21	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Cd (ppm)

- > 0.24
- 0.16 - 0.24
- 0.08 - 0.16
- < 0.08

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
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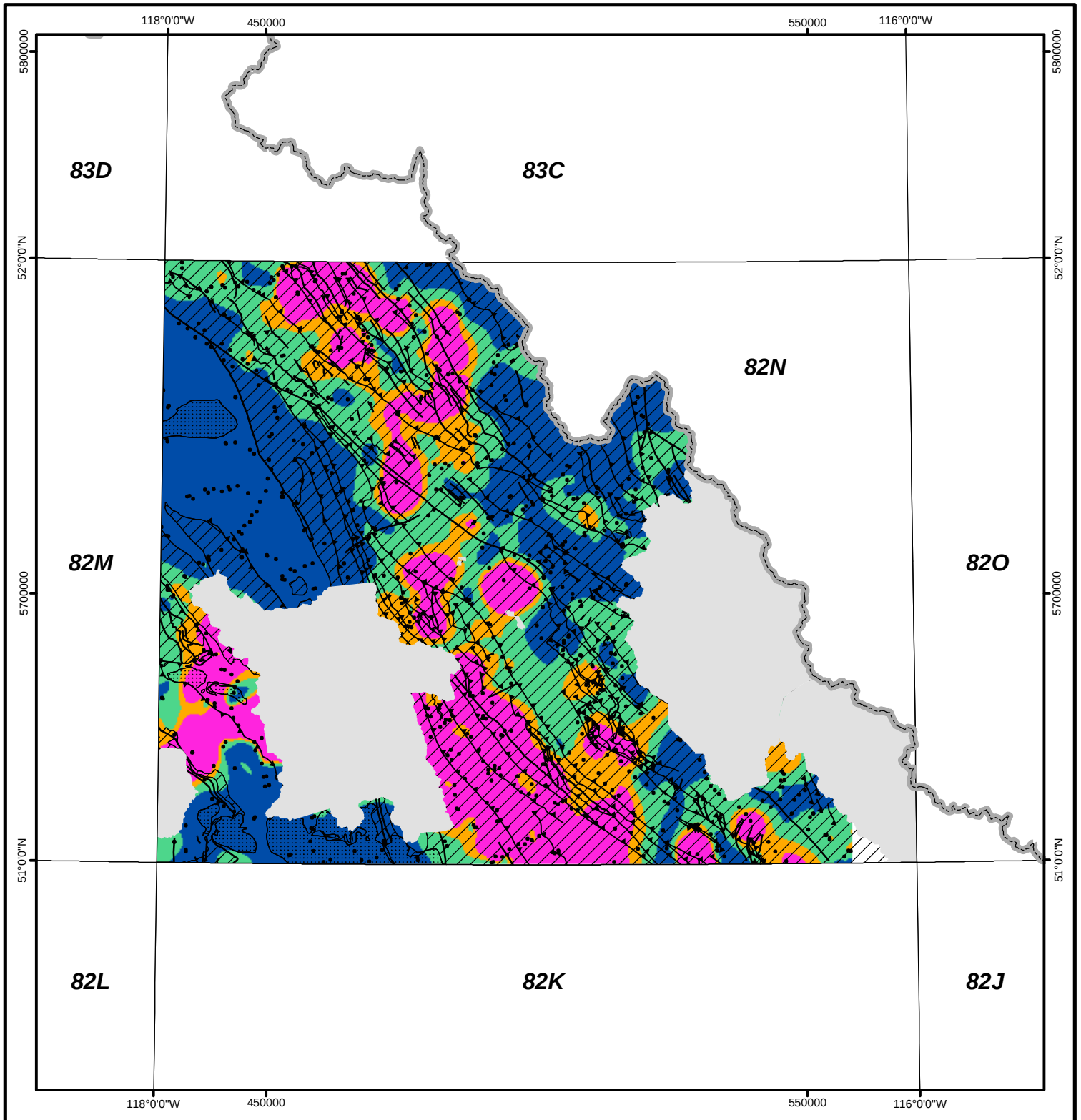
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

ICPMS: Cd (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-22	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Sb (ppm)

- > 0.48
- 0.31 - 0.48
- 0.14 - 0.31
- < 0.14

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
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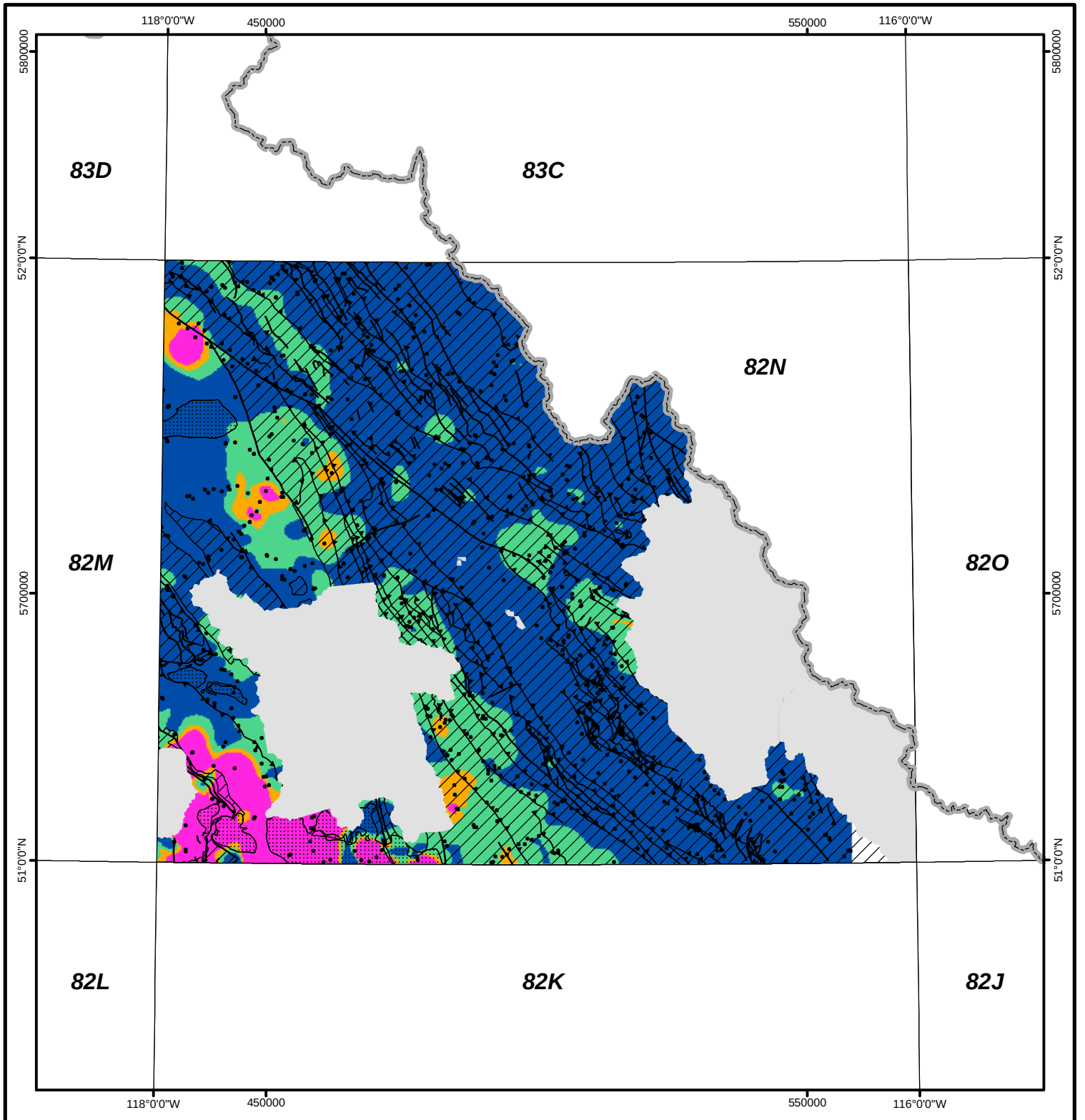
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

ICPMS: Sb (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-23	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Bi (ppm)

- > 0.56
- 0.41 - 0.56
- 0.26 - 0.41
- < 0.26

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
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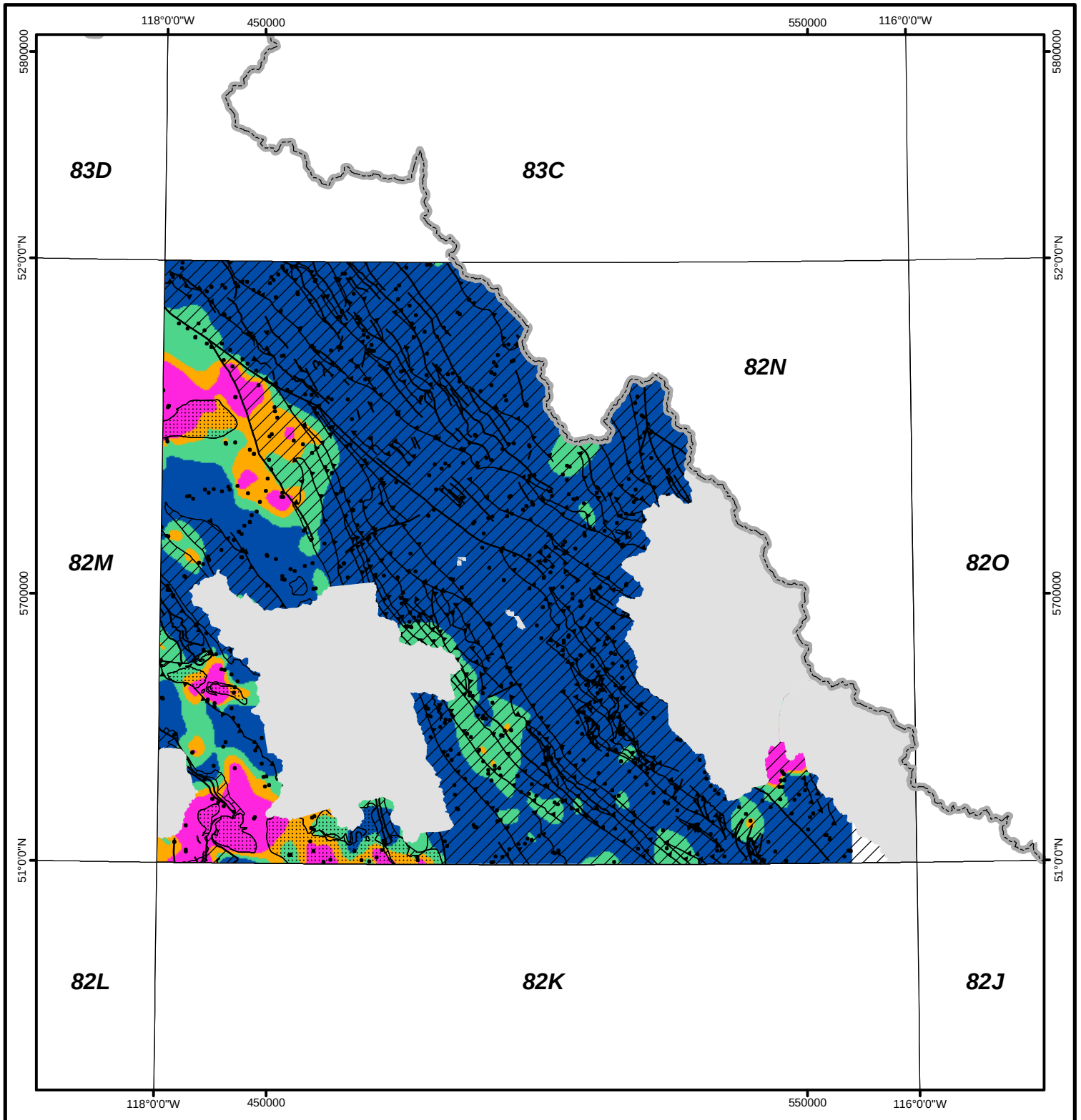
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

ICPMS: Bi (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-24	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

V (ppm)

- > 37
- 26 - 37
- 15 - 26
- < 15

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
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N

0 10 20 km

NAD83 UTM Zone 11N

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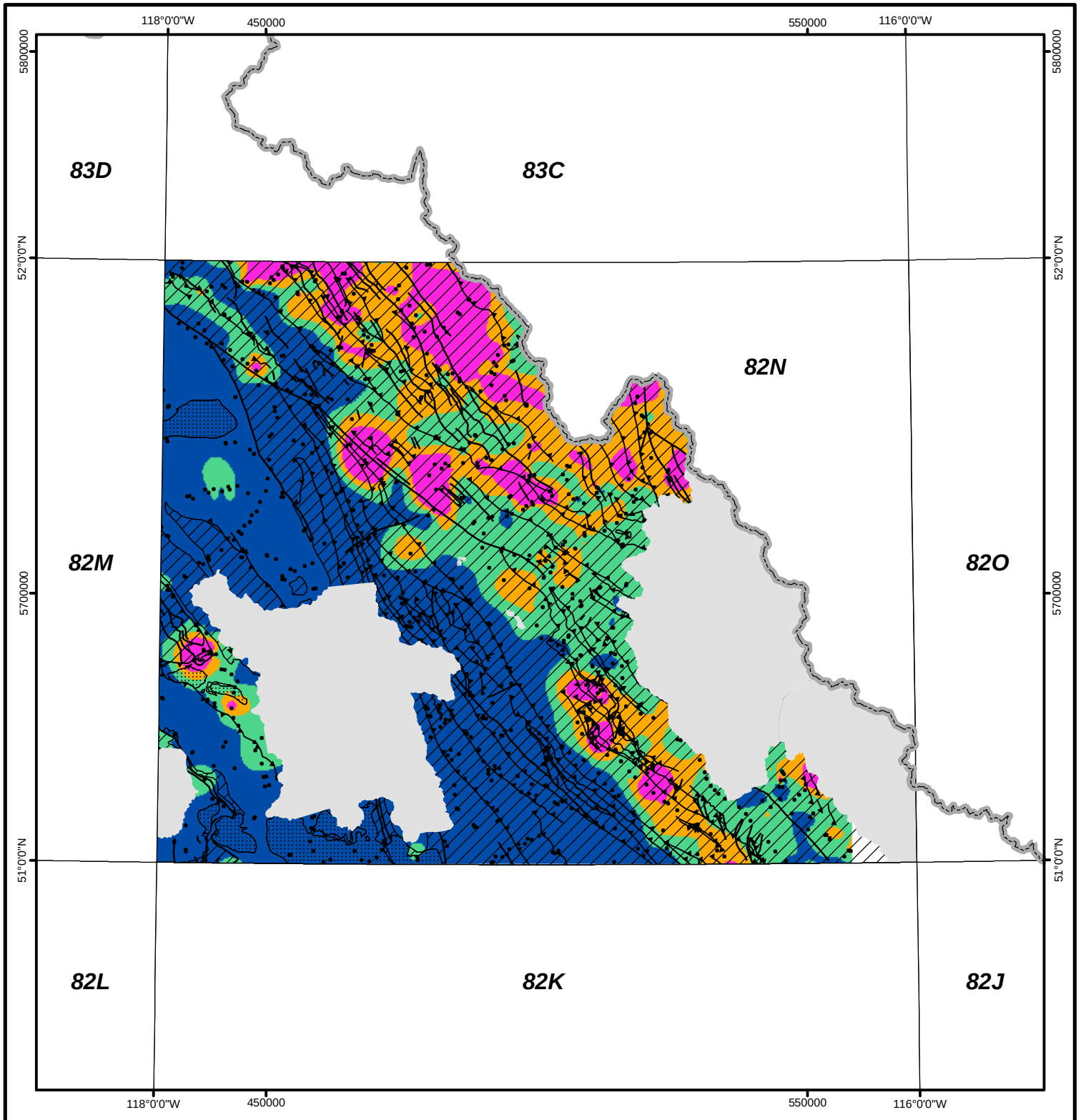
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

ICPMS: V (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-25	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ca (%)

- > 9.68
- 5.92 - 9.68
- 2.16 - 5.92
- < 2.16

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
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Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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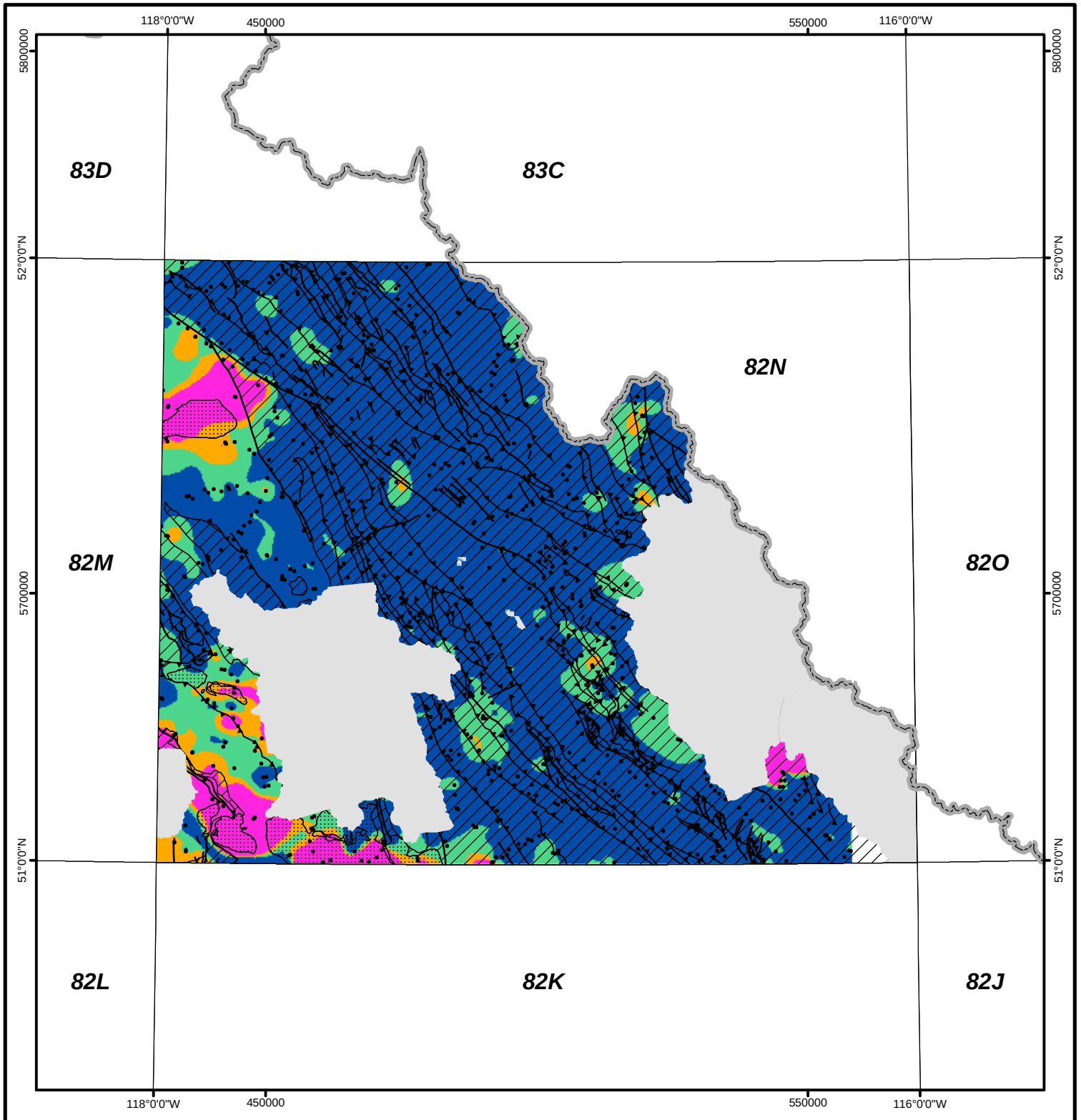
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

ICPMS: Ca (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-26	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

P (%)

- > 0.14
- 0.11 - 0.14
- 0.08 - 0.11
- < 0.08

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
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N

0 10 20 km

NAD83 UTM Zone 11N

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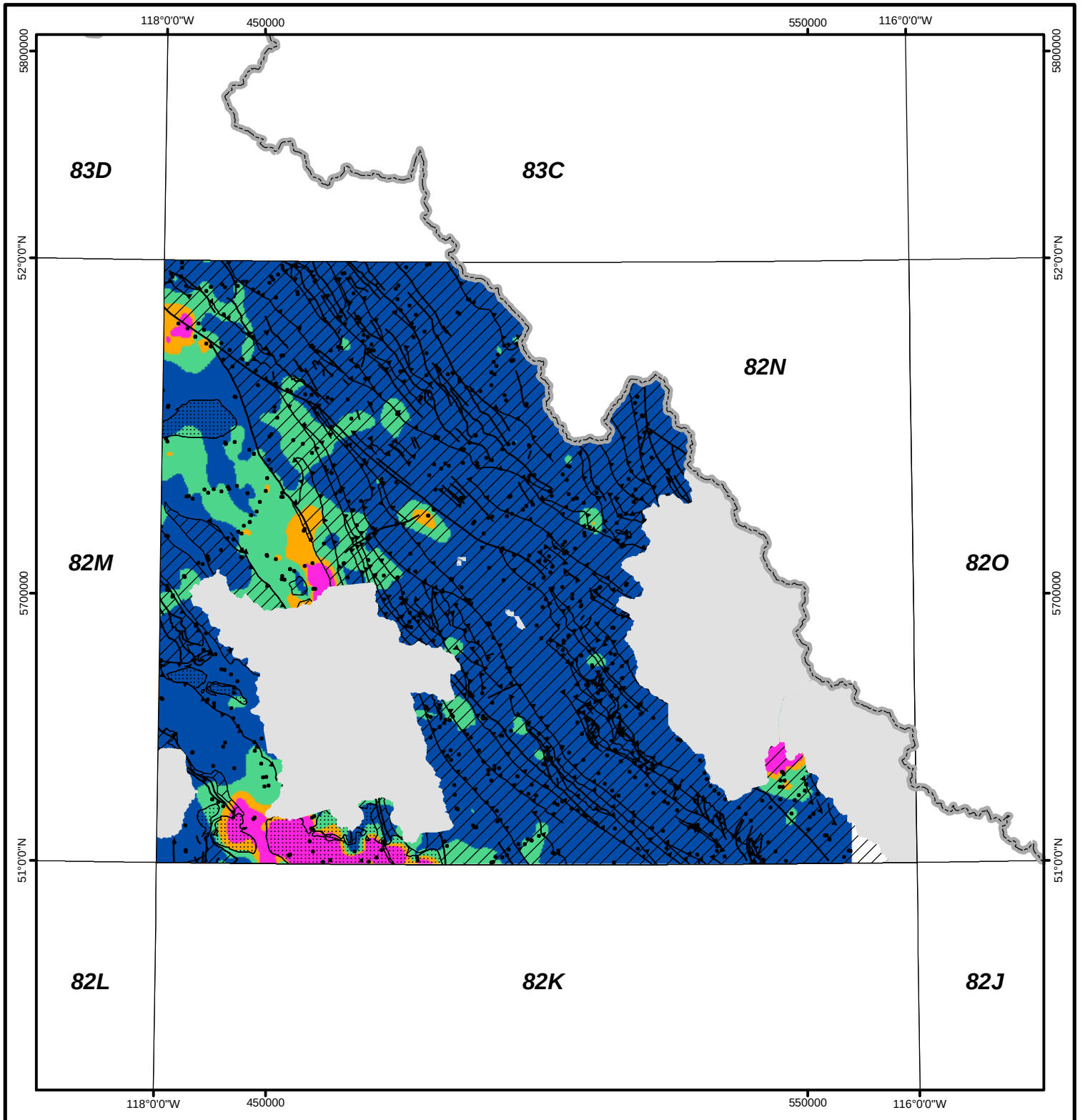
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

ICPMS: P (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-27	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

La (ppm)

- > 44.1
- 31.8 - 44.1
- 19.5 - 31.8
- < 19.5

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
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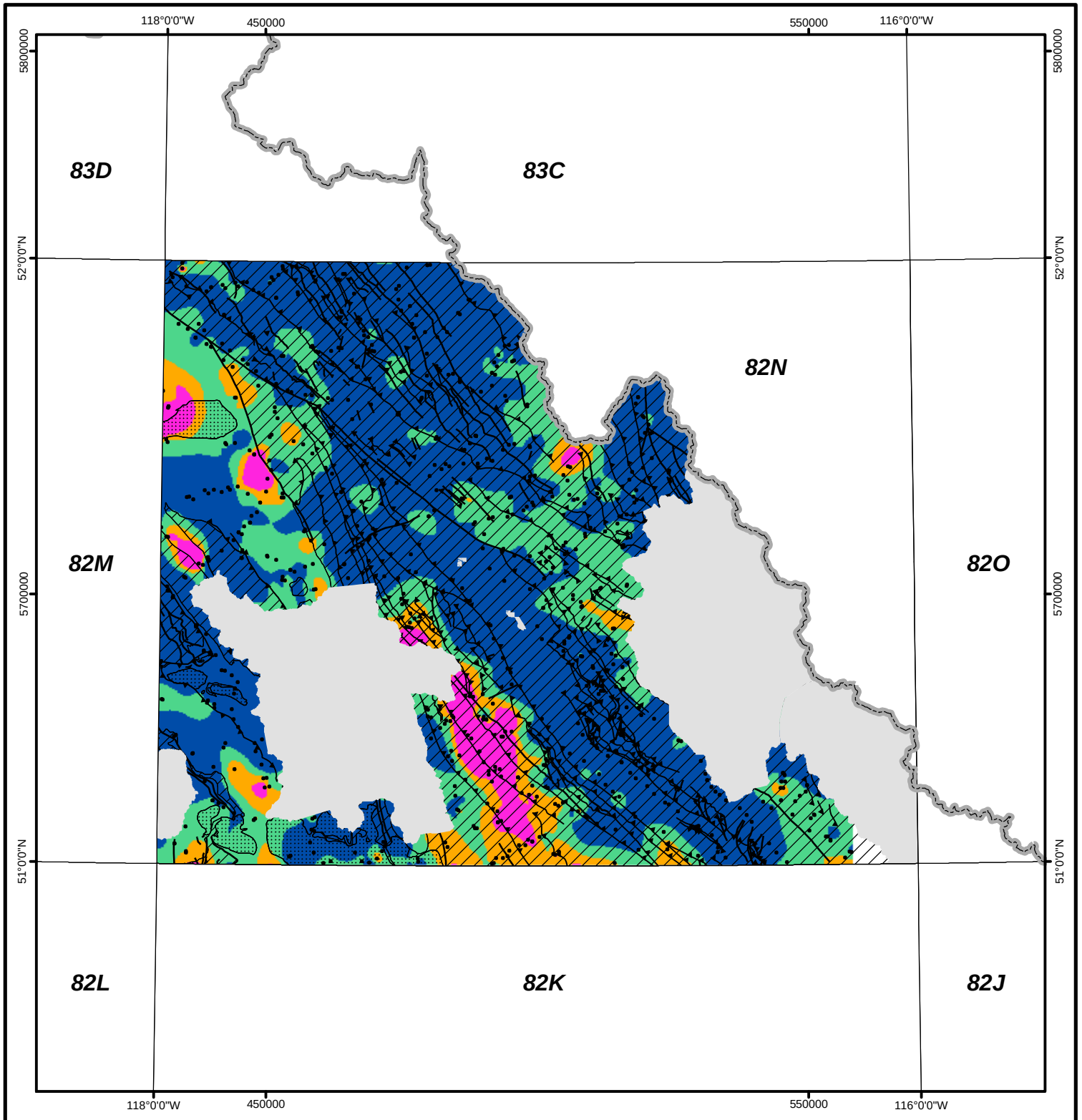
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

ICPMS: La (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-28	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Cr (ppm)

- > 44.8
- 33.6 - 44.8
- 22.4 - 33.6
- < 22.4

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
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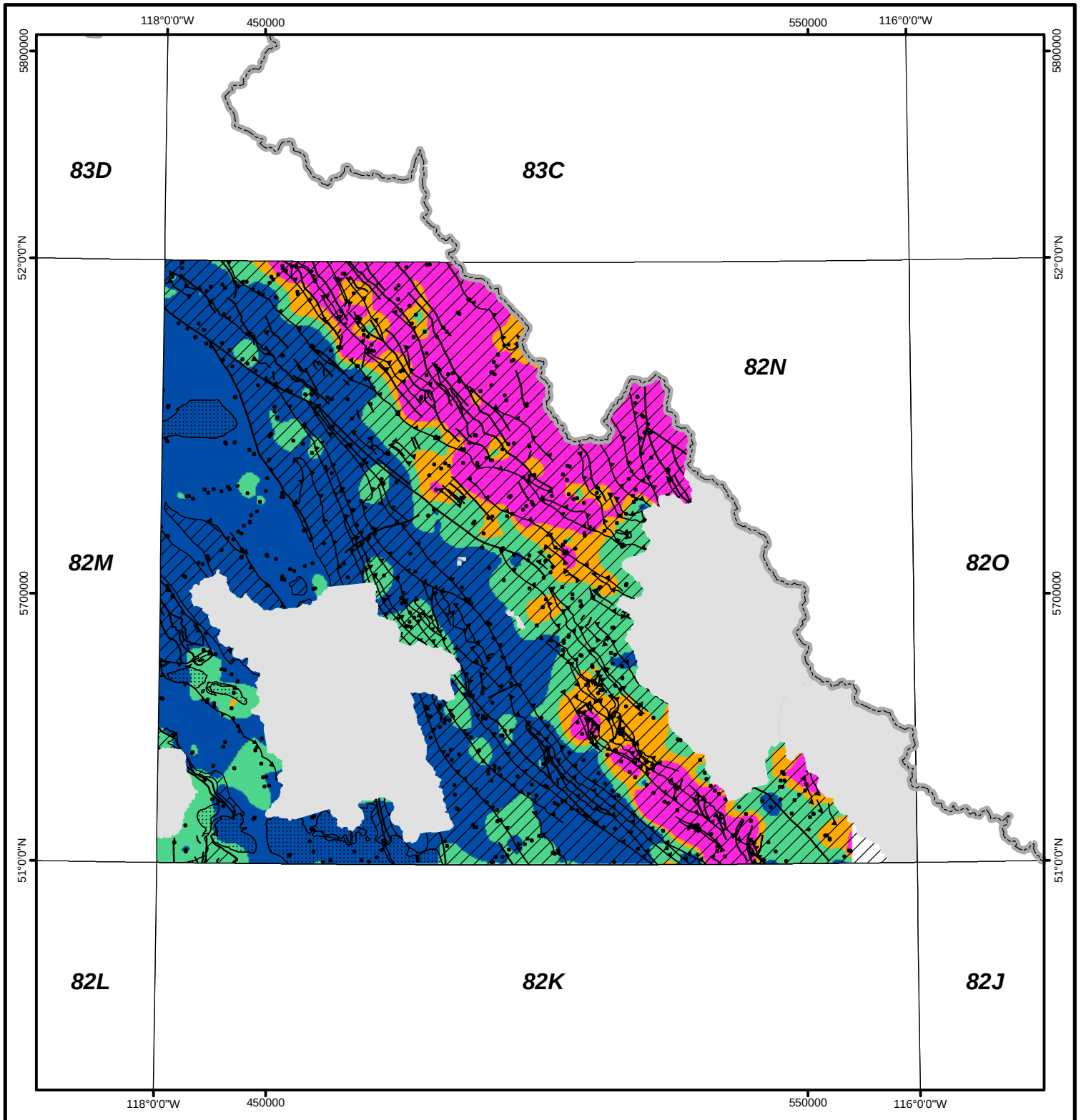
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

ICPMS: Cr (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-29	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Mg (%)

- > 2.25
- 1.59 - 2.25
- 0.93 - 1.59
- < 0.93

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
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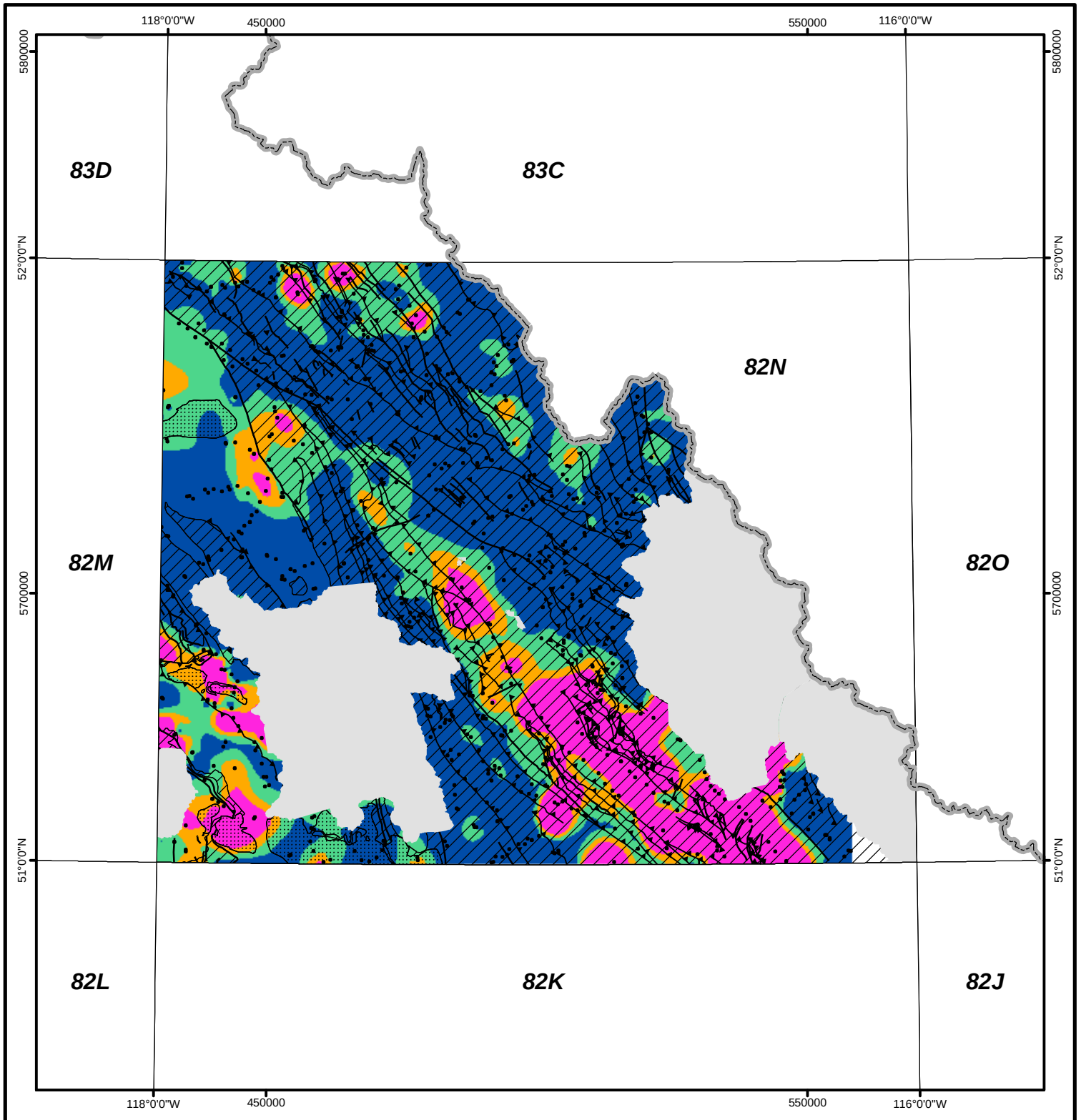
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

ICPMS: Mg (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-30	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ba (ppm)

- > 159.6
- 107.9 - 159.6
- 56.2 - 107.9
- < 56.2

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
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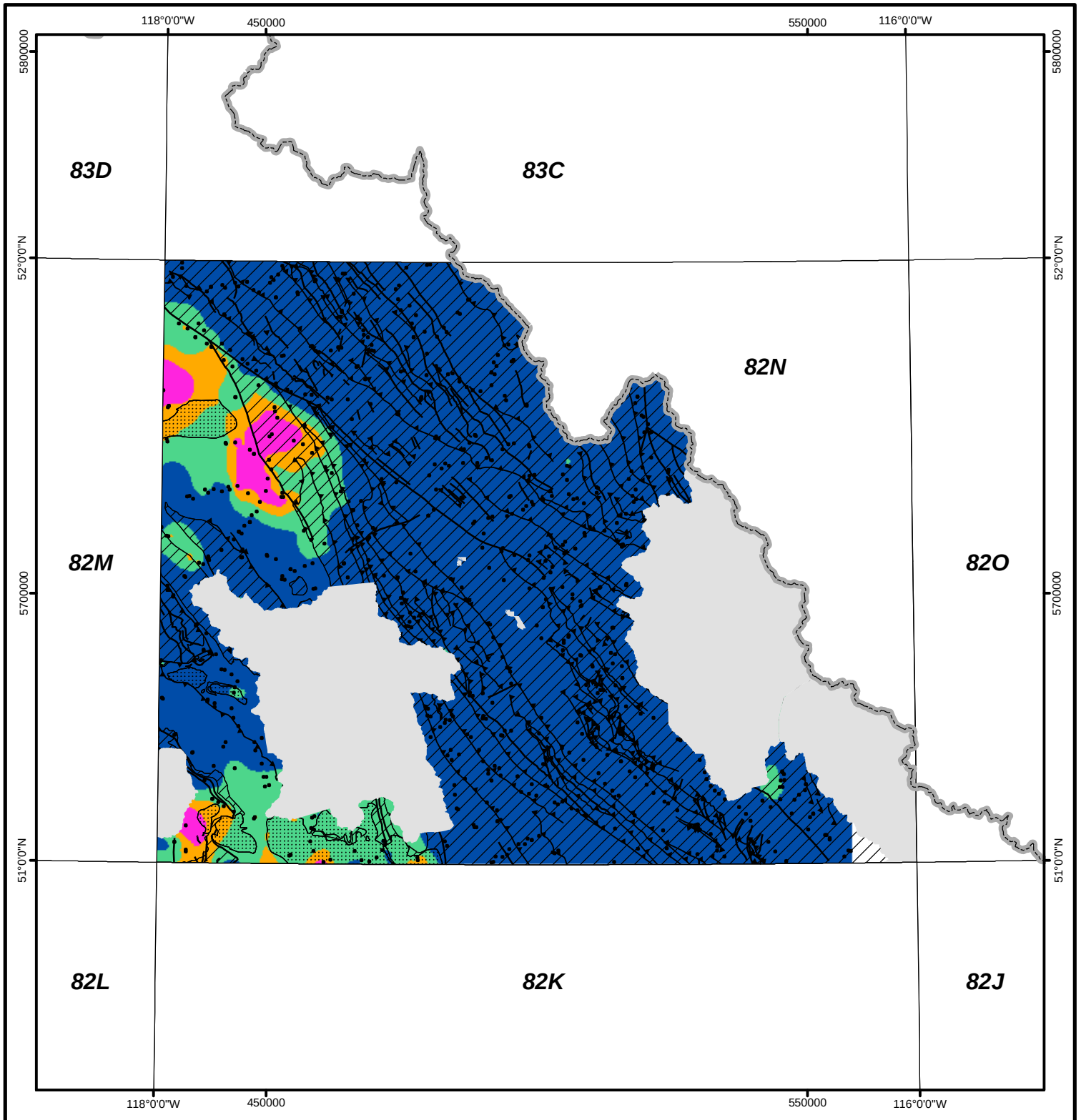
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

ICPMS: Ba (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-31	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ti (%)

- > 0.134
- 0.086 - 0.134
- 0.038 - 0.086
- < 0.038

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
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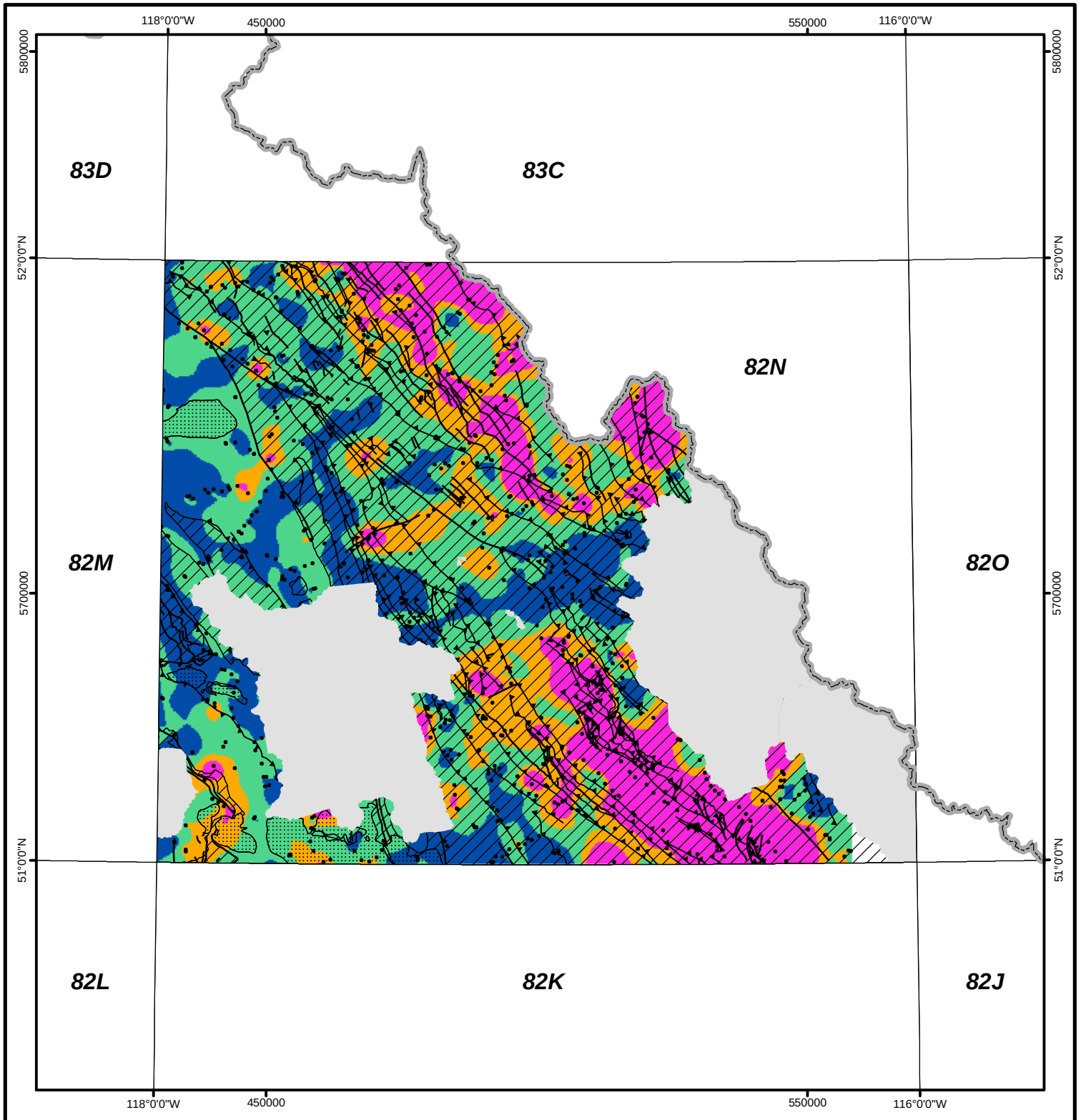
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

ICPMS: Ti (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-32	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

B (ppm)

- > 3
- 2 - 3
- 1 - 2
- < 1

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
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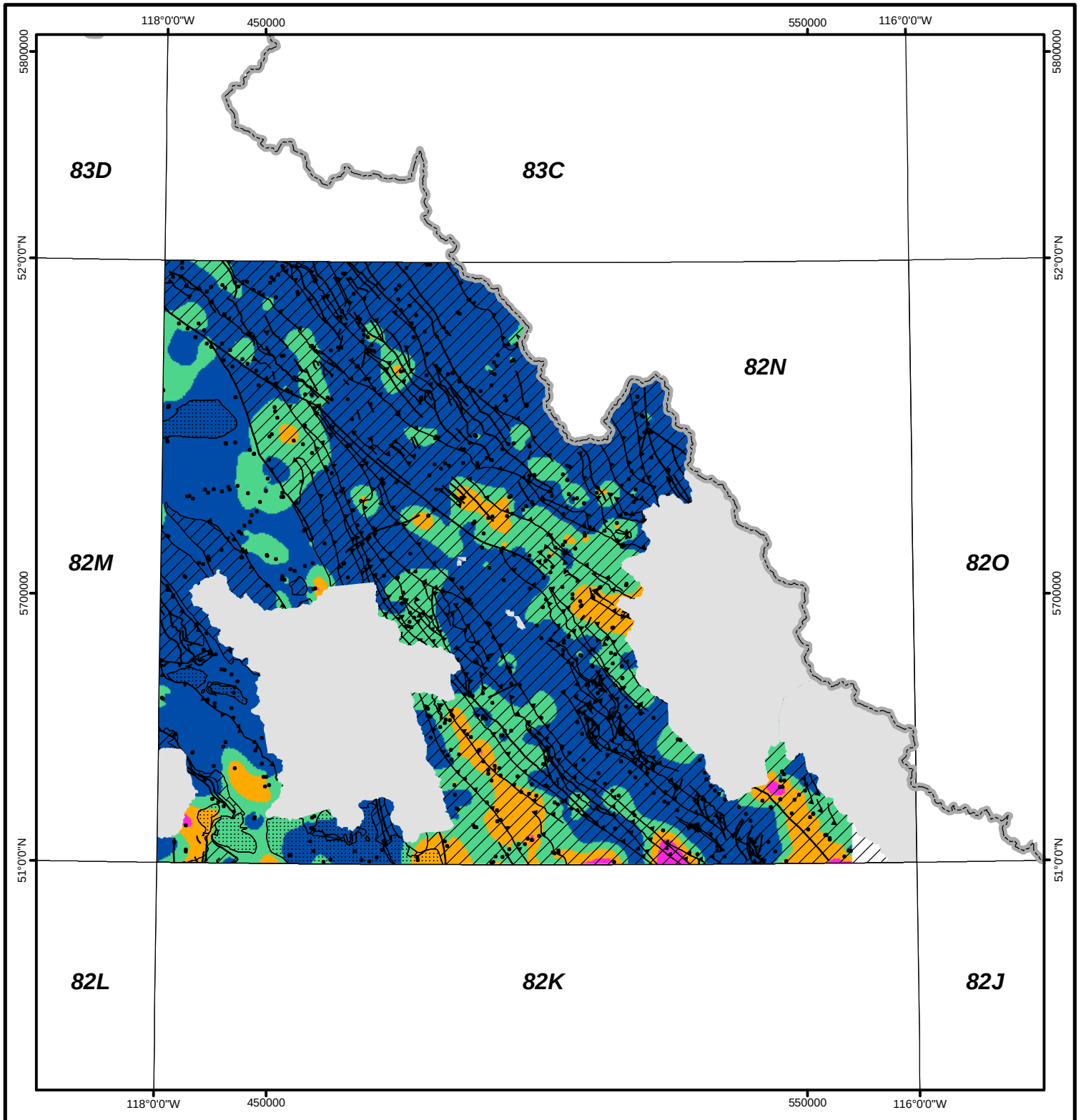
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

ICPMS: B (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-33	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Al (%)

- > 2.01
- 1.55 - 2.01
- 1.09 - 1.55
- < 1.09

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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GEOSCIENCE BC

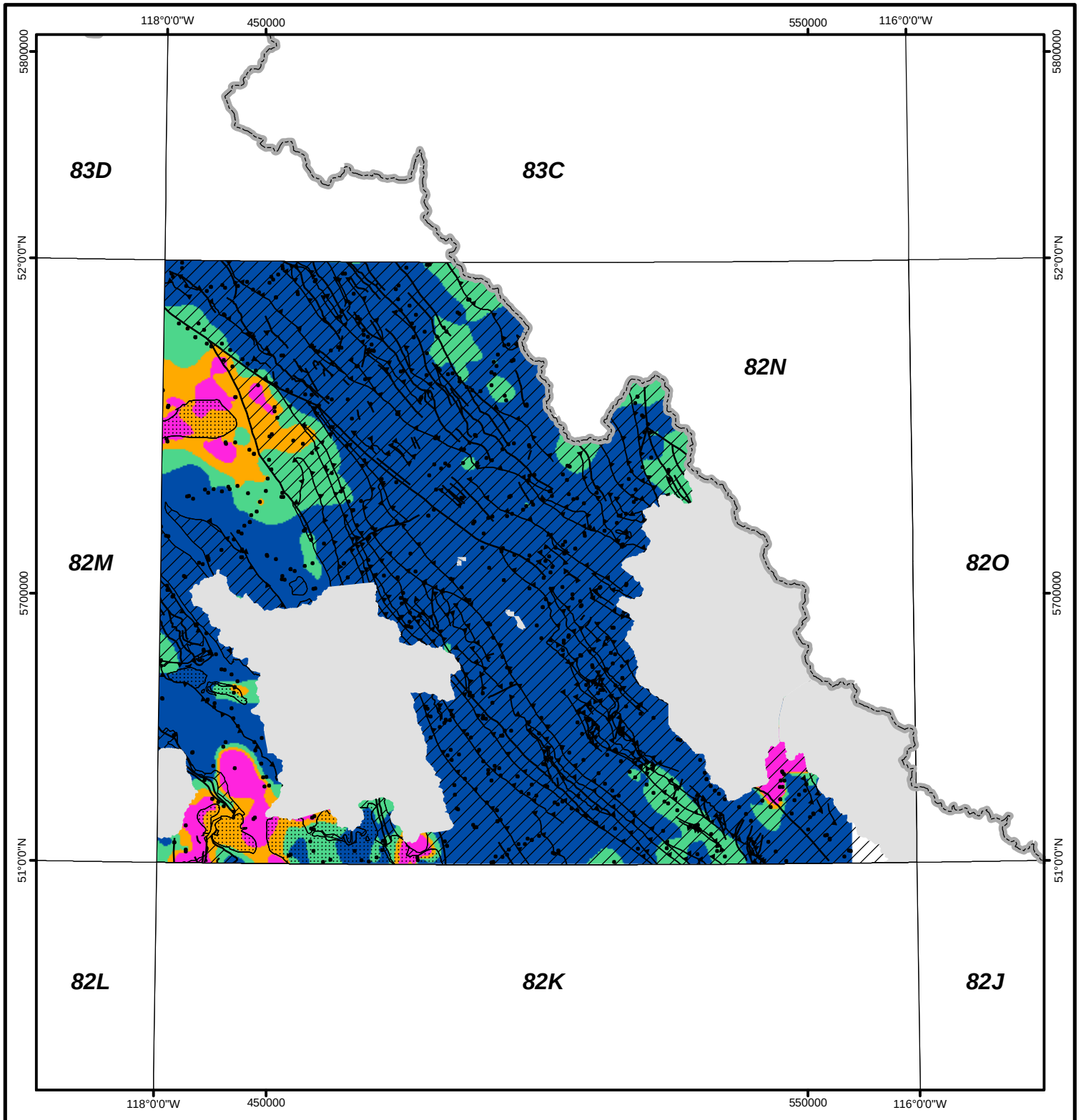
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

ICPMS: Al (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-34	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Na (%)

- > 0.026
- 0.017 - 0.026
- 0.008 - 0.017
- < 0.008

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

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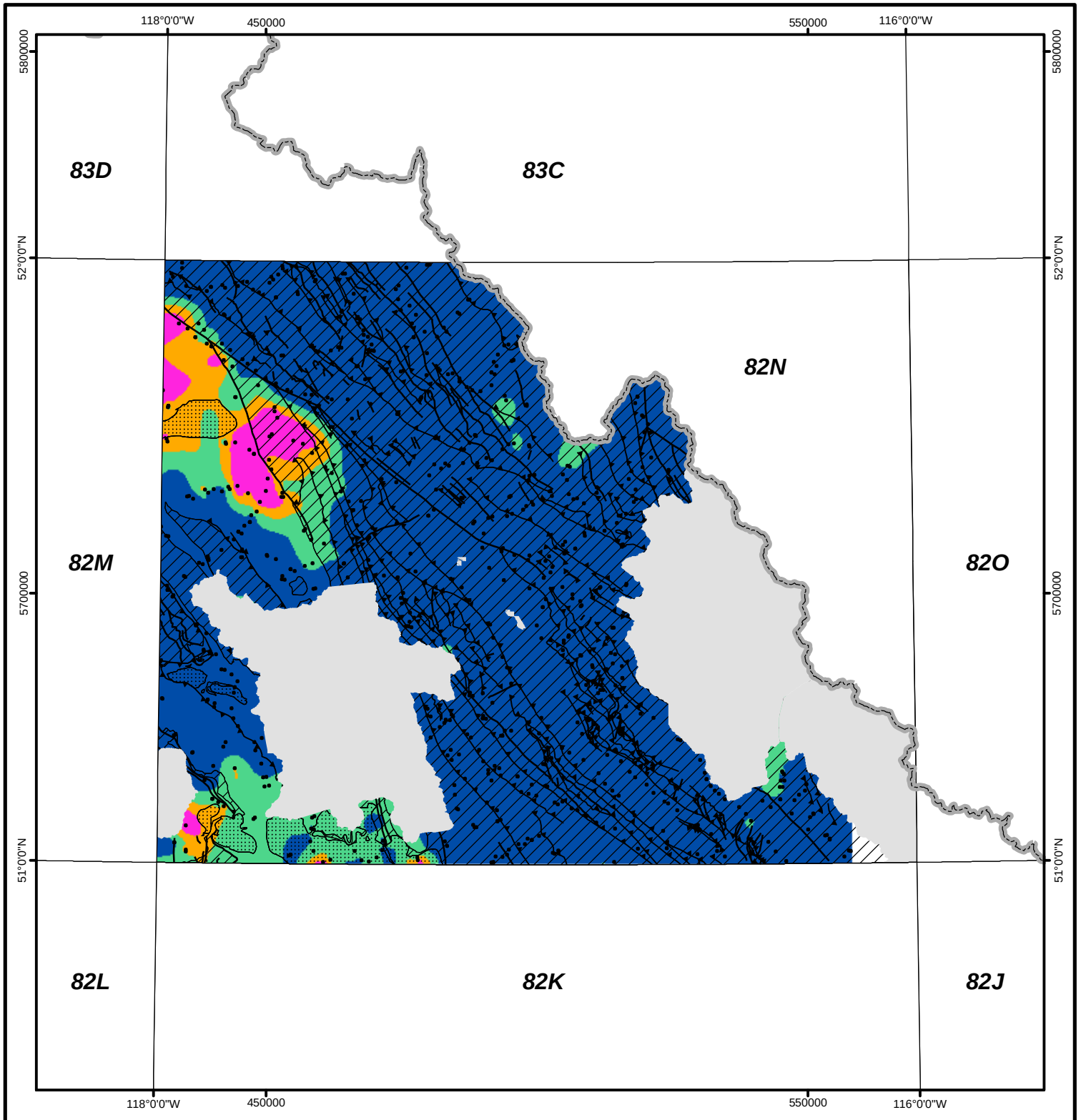
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

ICPMS: Na (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-35	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

K (%)

- > 0.51
- 0.33 - 0.51
- 0.15 - 0.33
- < 0.15

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

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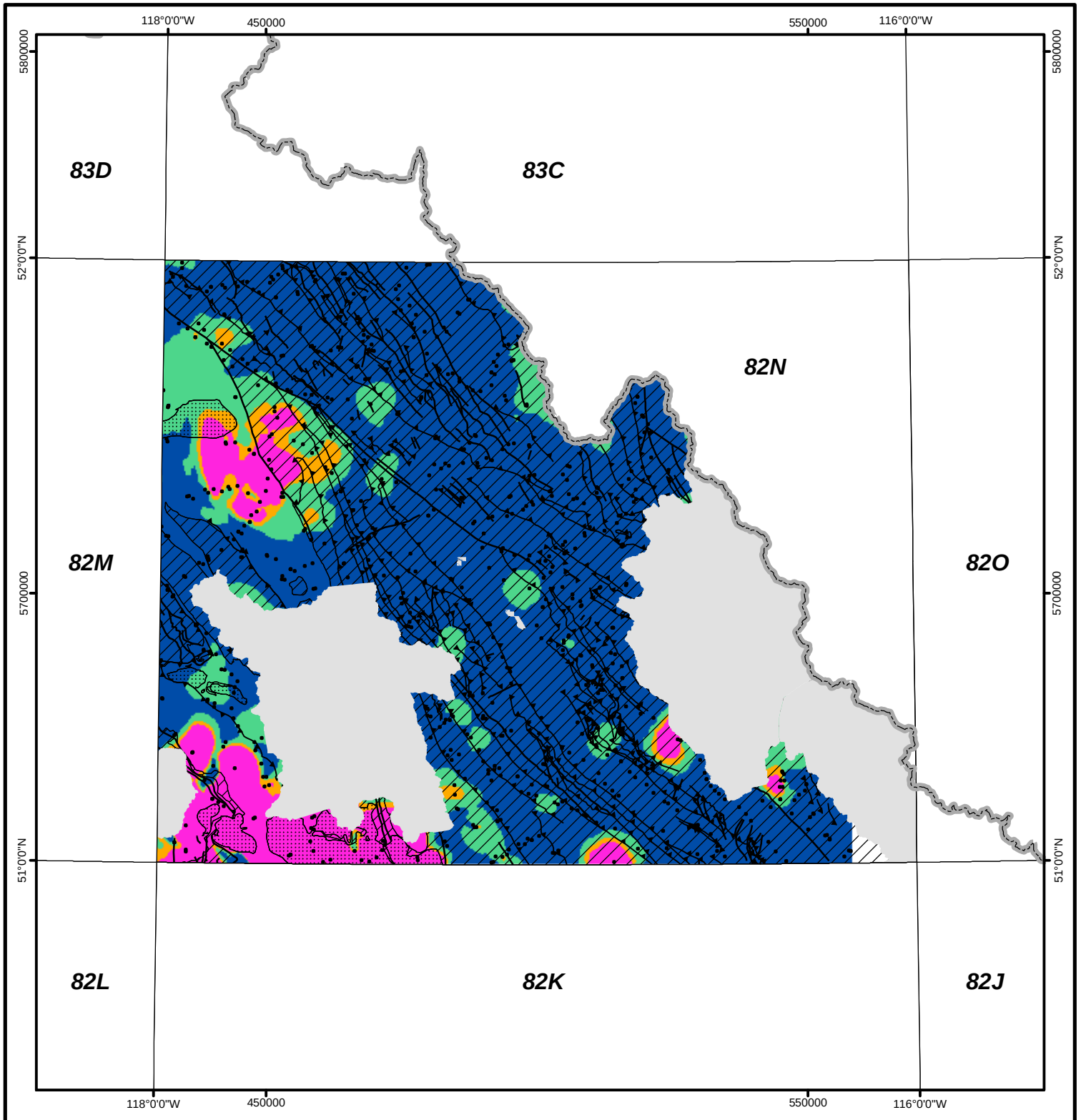
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

ICPMS: K (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-36	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

W (ppm)

- > 0.7
- 0.4 - 0.7
- 0.1 - 0.4
- < 0.1

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

N

0 10 20 km

NAD83 UTM Zone 11N

GEOSCIENCE BC

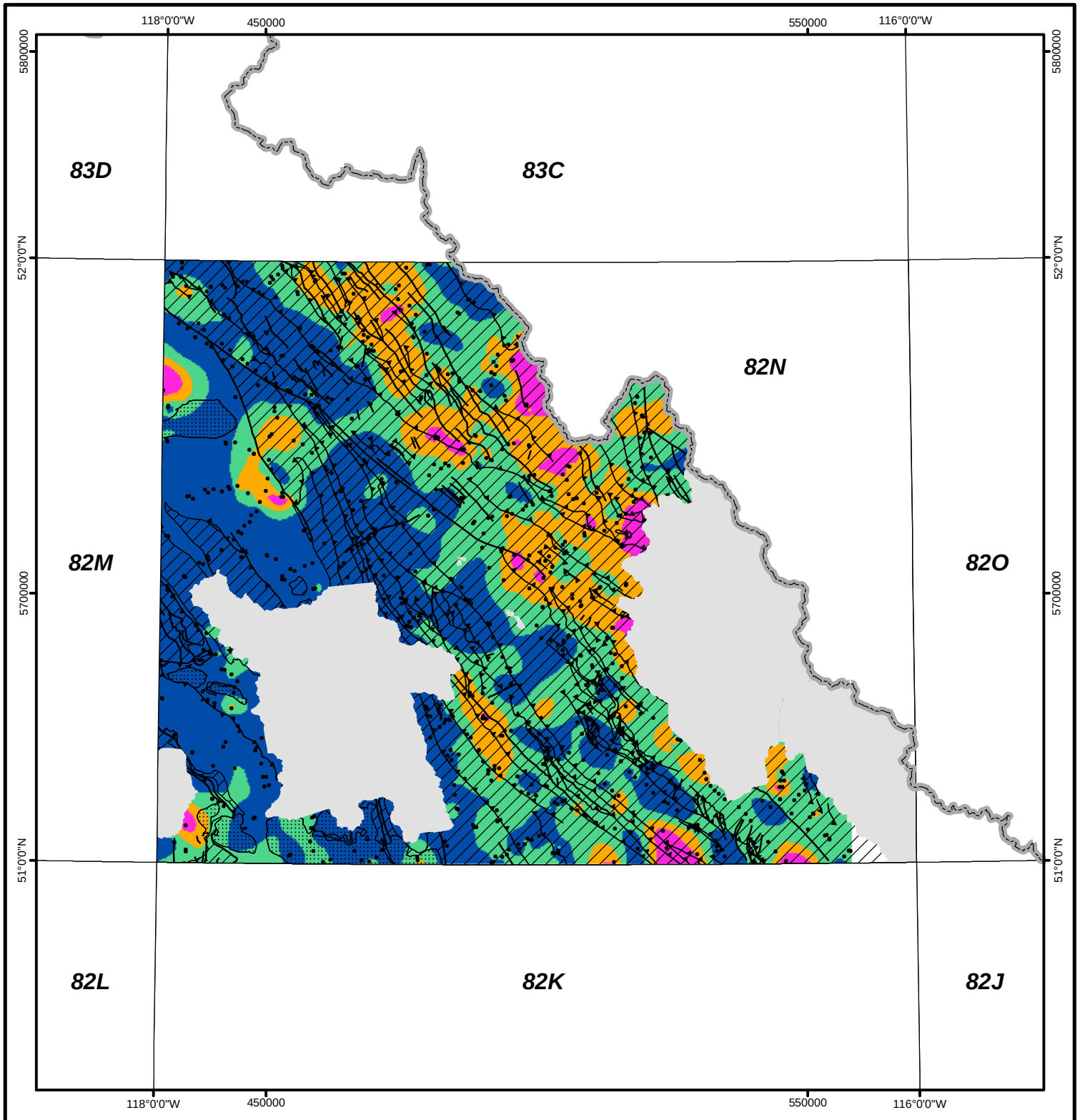
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

ICPMS: W (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-37	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Sc (ppm)

- > 3.8
- 2.9 - 3.8
- 2.0 - 2.9
- < 2.0

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

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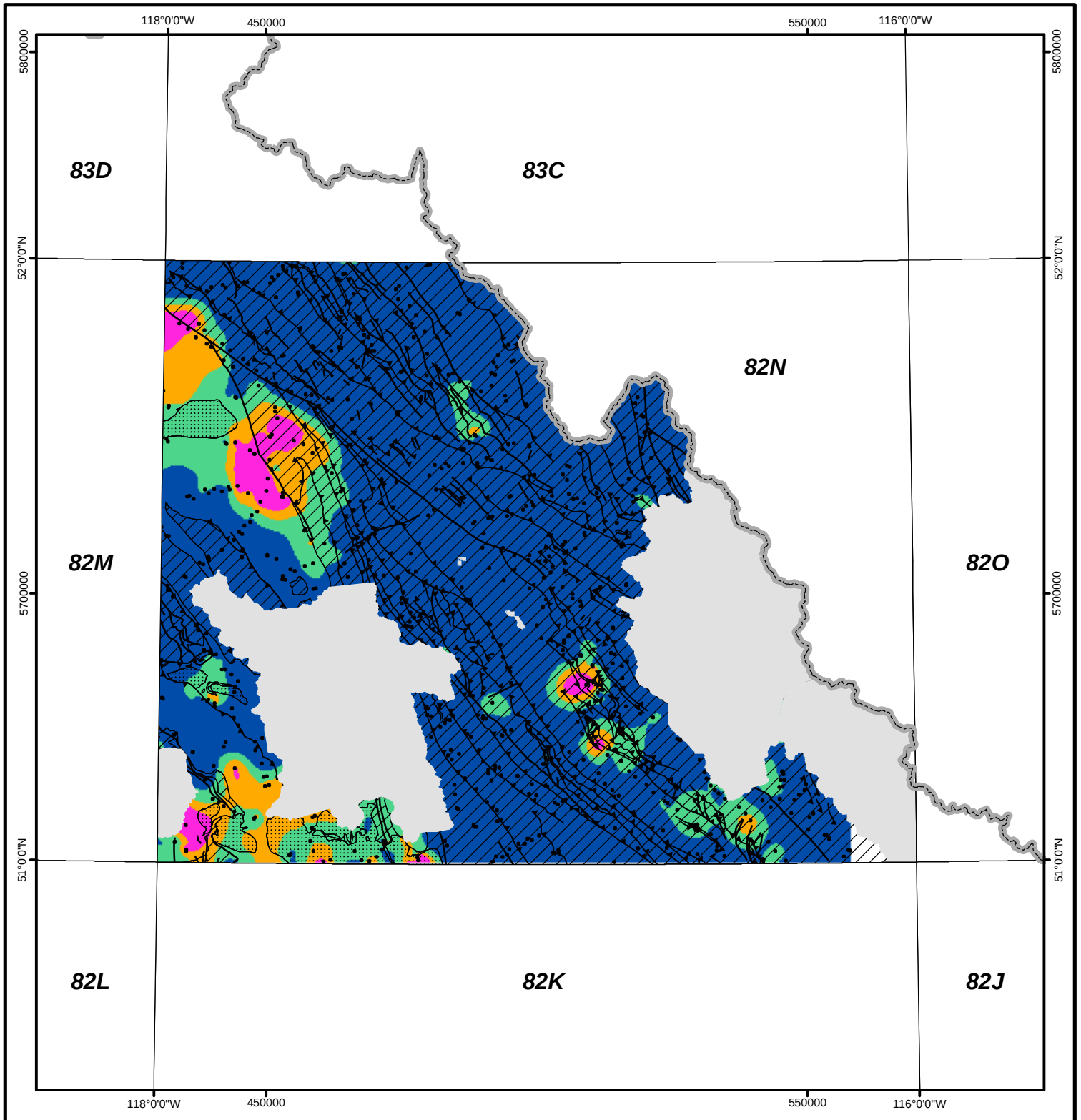
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

ICPMS: Sc (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-38	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Tl (ppm)

- > 0.30
- 0.20 - 0.30
- 0.10 - 0.20
- < 0.10

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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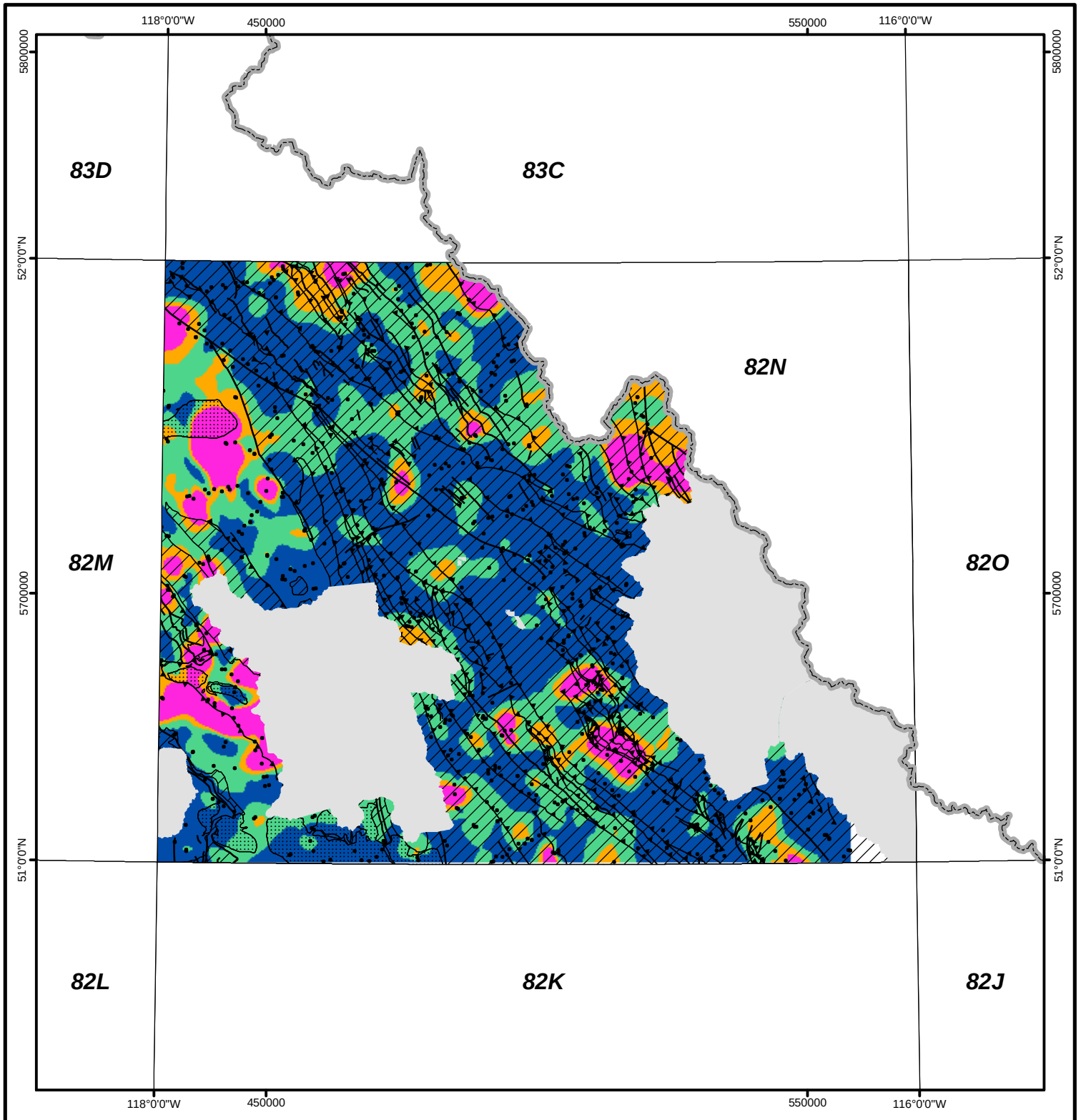
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

ICPMS: Tl (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-39	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

S (%)

- > 0.13
- 0.09 - 0.13
- 0.05 - 0.09
- < 0.05

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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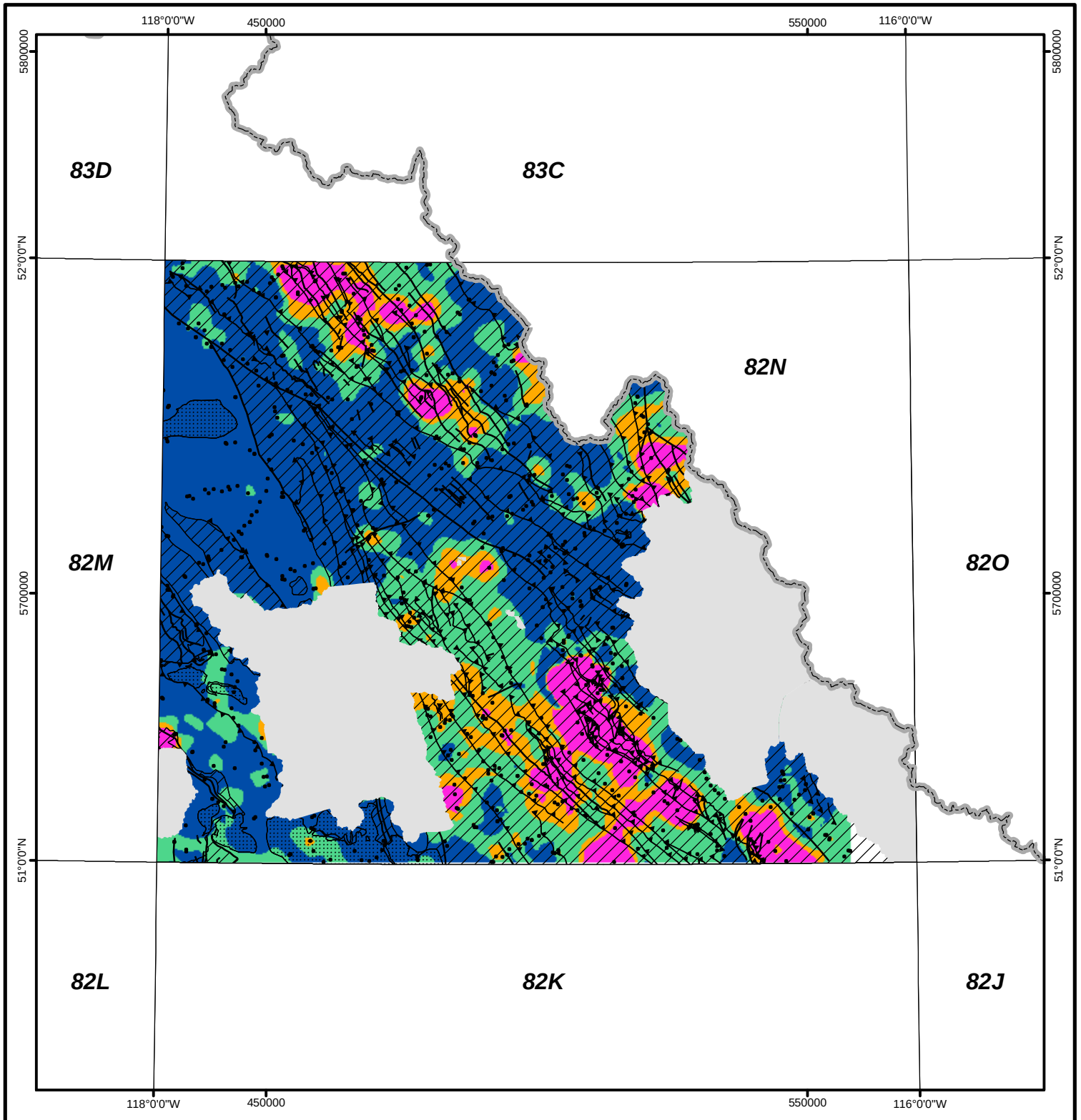
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

ICPMS: S (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-40	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Hg (ppb)

- > 37
- 25 - 37
- 13 - 25
- < 13

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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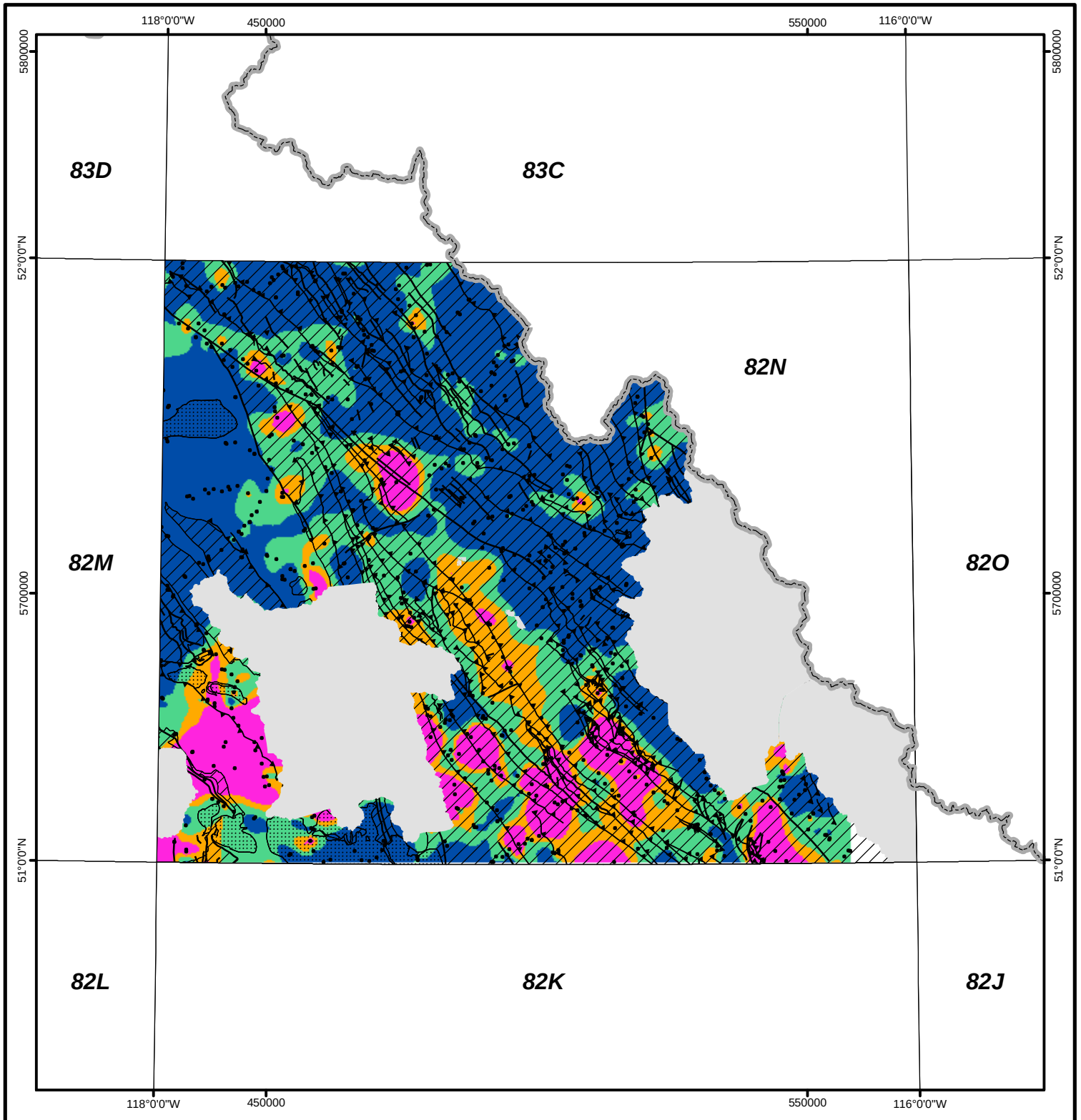
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

ICPMS: Hg (ppb)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-41	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Se (ppm)

- > 1.0
- 0.7 - 1.0
- 0.4 - 0.7
- < 0.4

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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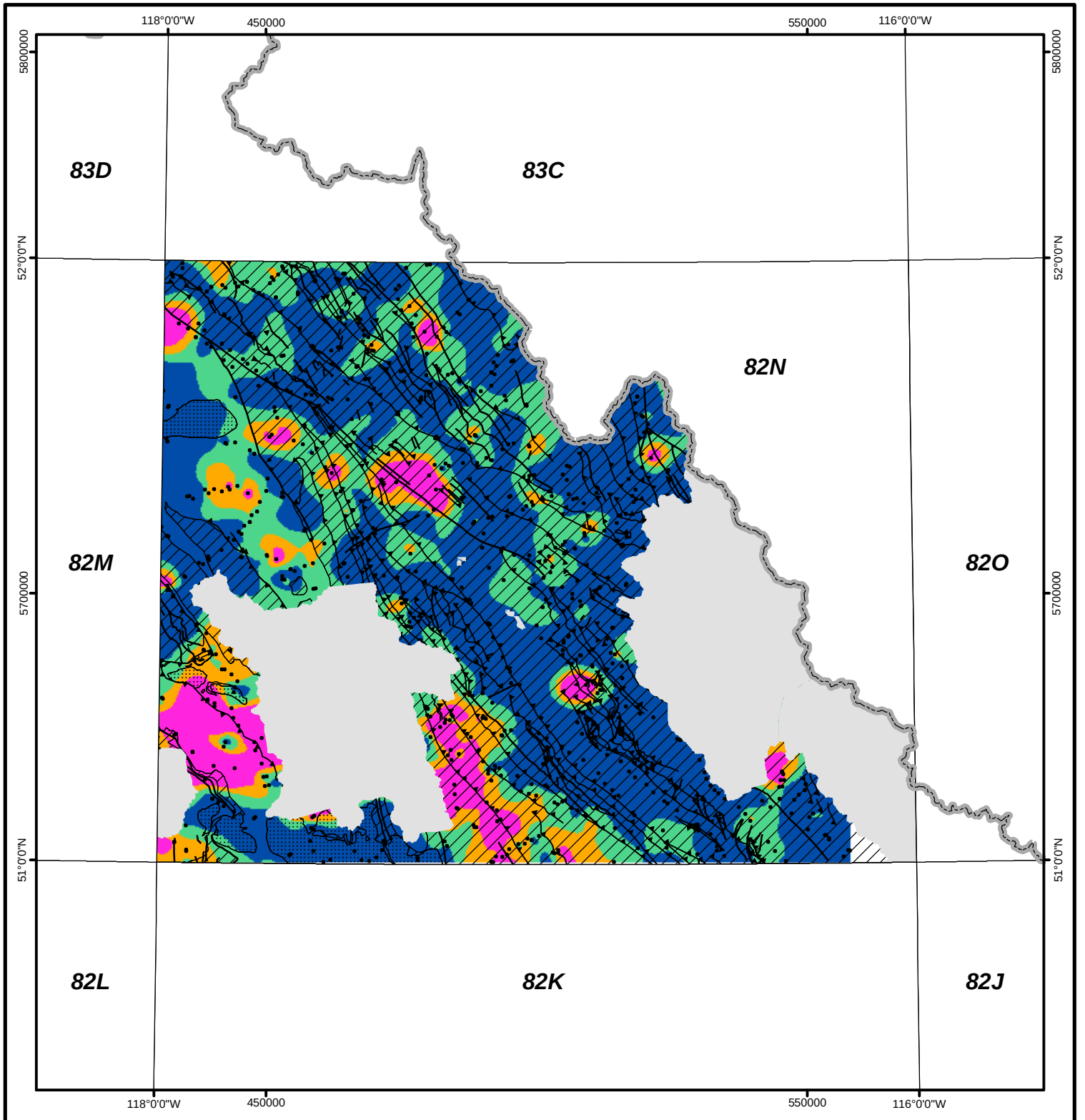
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

ICPMS: Se (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-42	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Te (ppm)

- > 0.04
- 0.03 - 0.04
- 0.02 - 0.03
- < 0.02

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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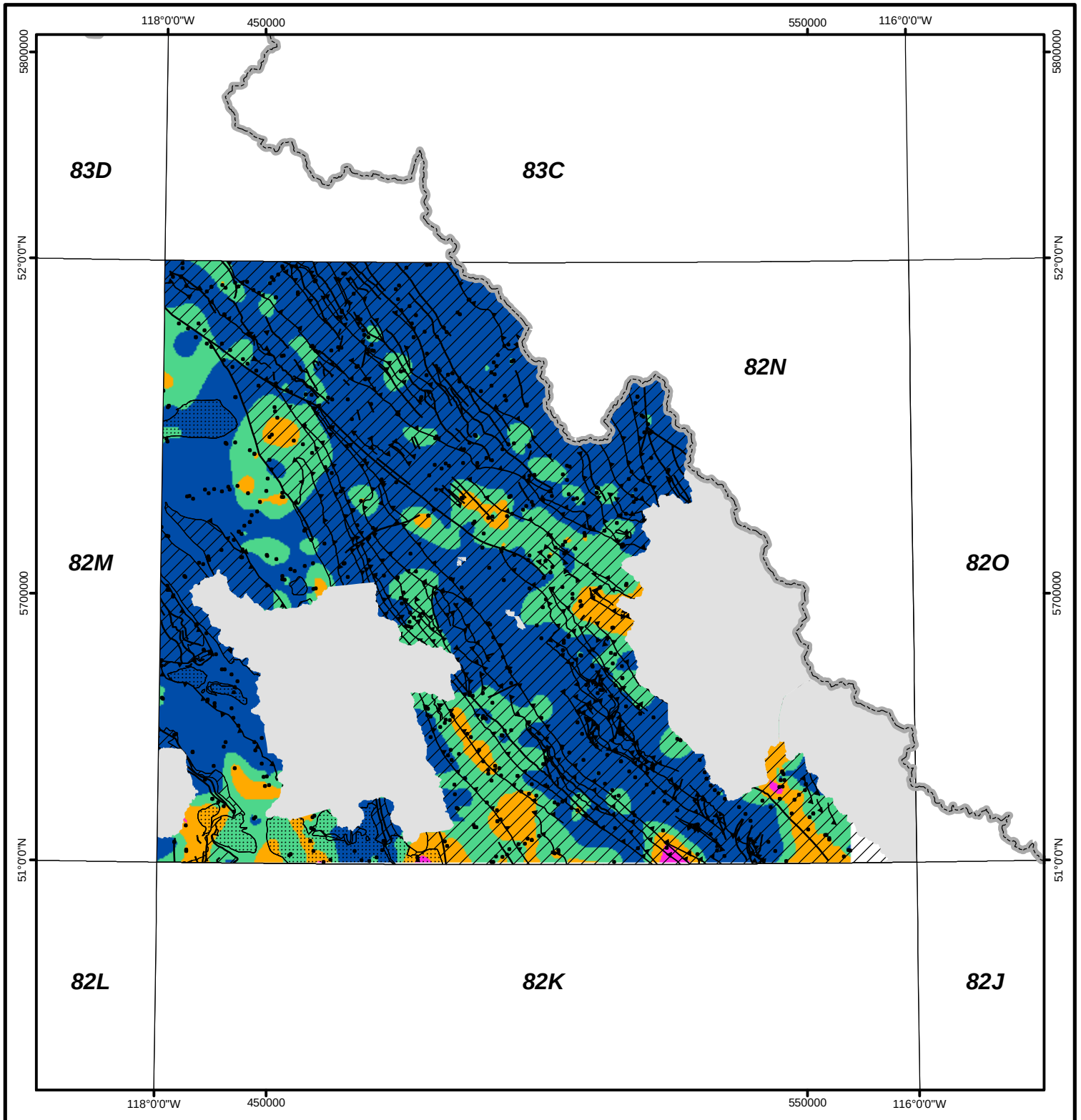
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

ICPMS: Te (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-43	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ga (ppm)

- > 6.3
- 4.8 - 6.3
- 3.3 - 4.8
- < 3.3

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

N

0 10 20 km

NAD83 UTM Zone 11N

GEOSCIENCE BC

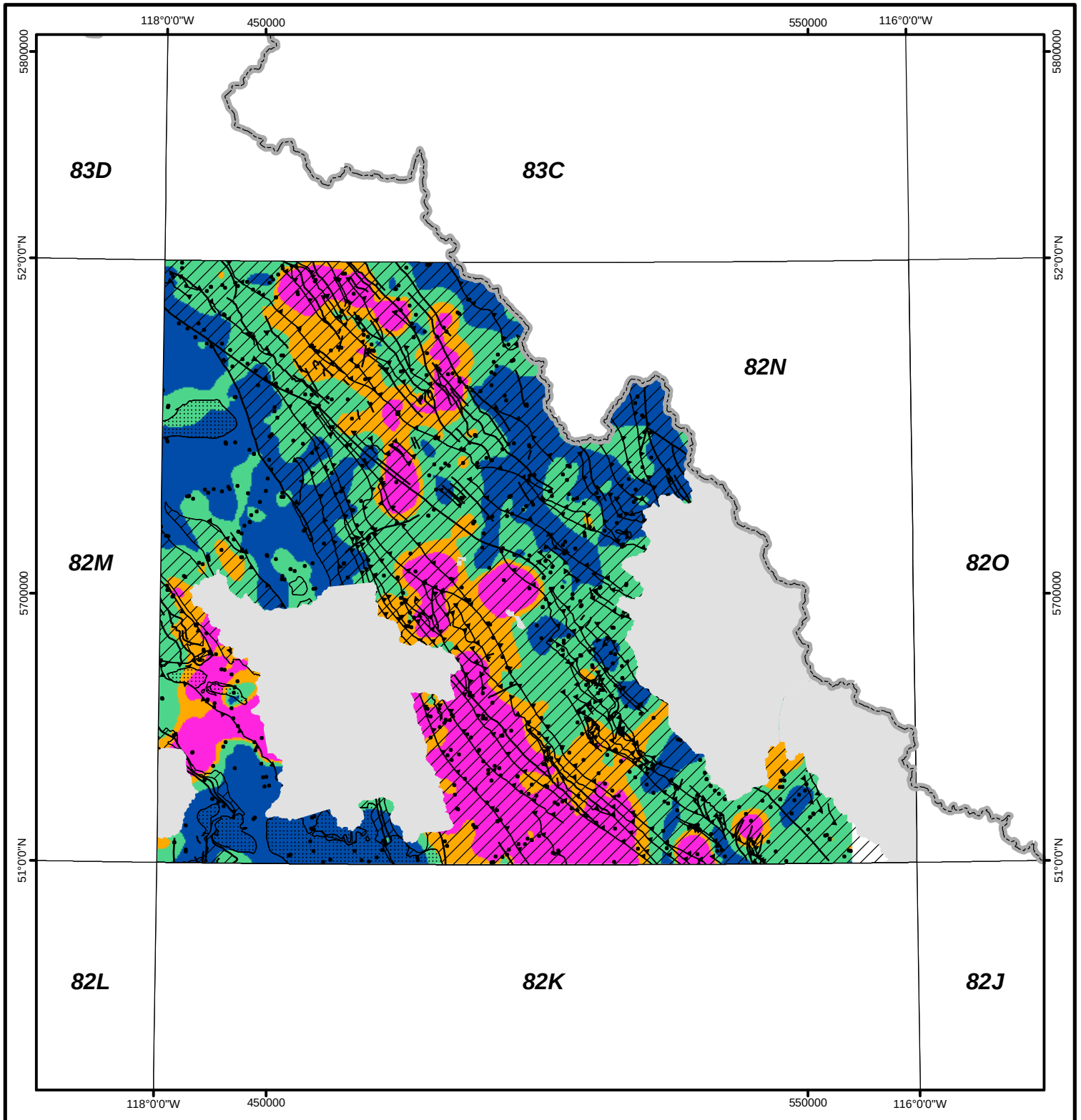
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

ICPMS: Ga (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-44	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Sb (ppm)

- > 0.8
- 0.5 - 0.8
- 0.2 - 0.5
- < 0.2

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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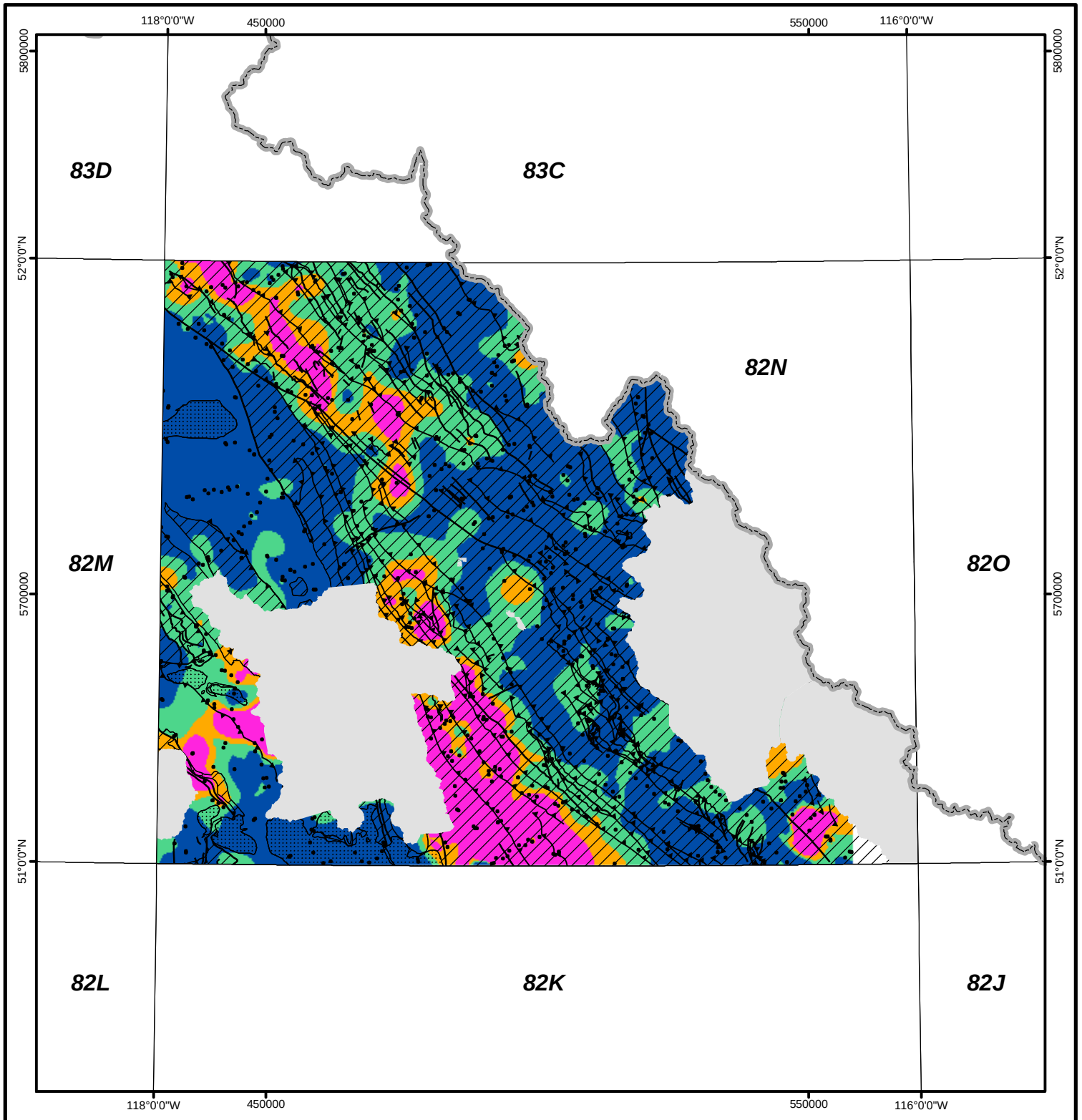
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

INAA: Sb (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-45	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

As (ppm)

- > 14.0
- 9.2 - 14.0
- 4.4 - 9.2
- < 4.4

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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N

0 10 20 km

NAD83 UTM Zone 11N

GEOSCIENCE BC

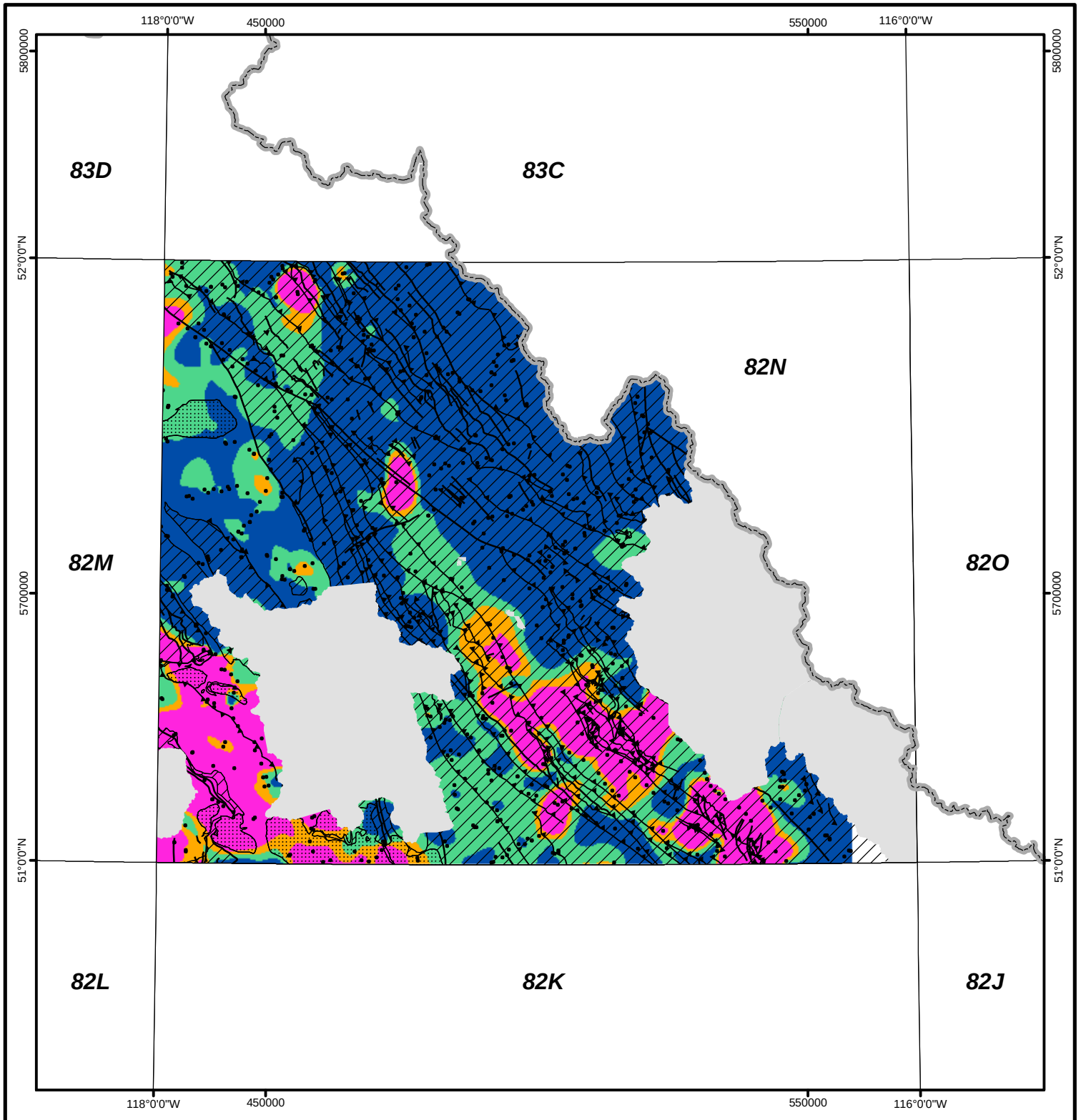
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

INAA: As (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-46	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ba (ppm)

- > 880
- 669 - 880
- 458 - 669
- < 458

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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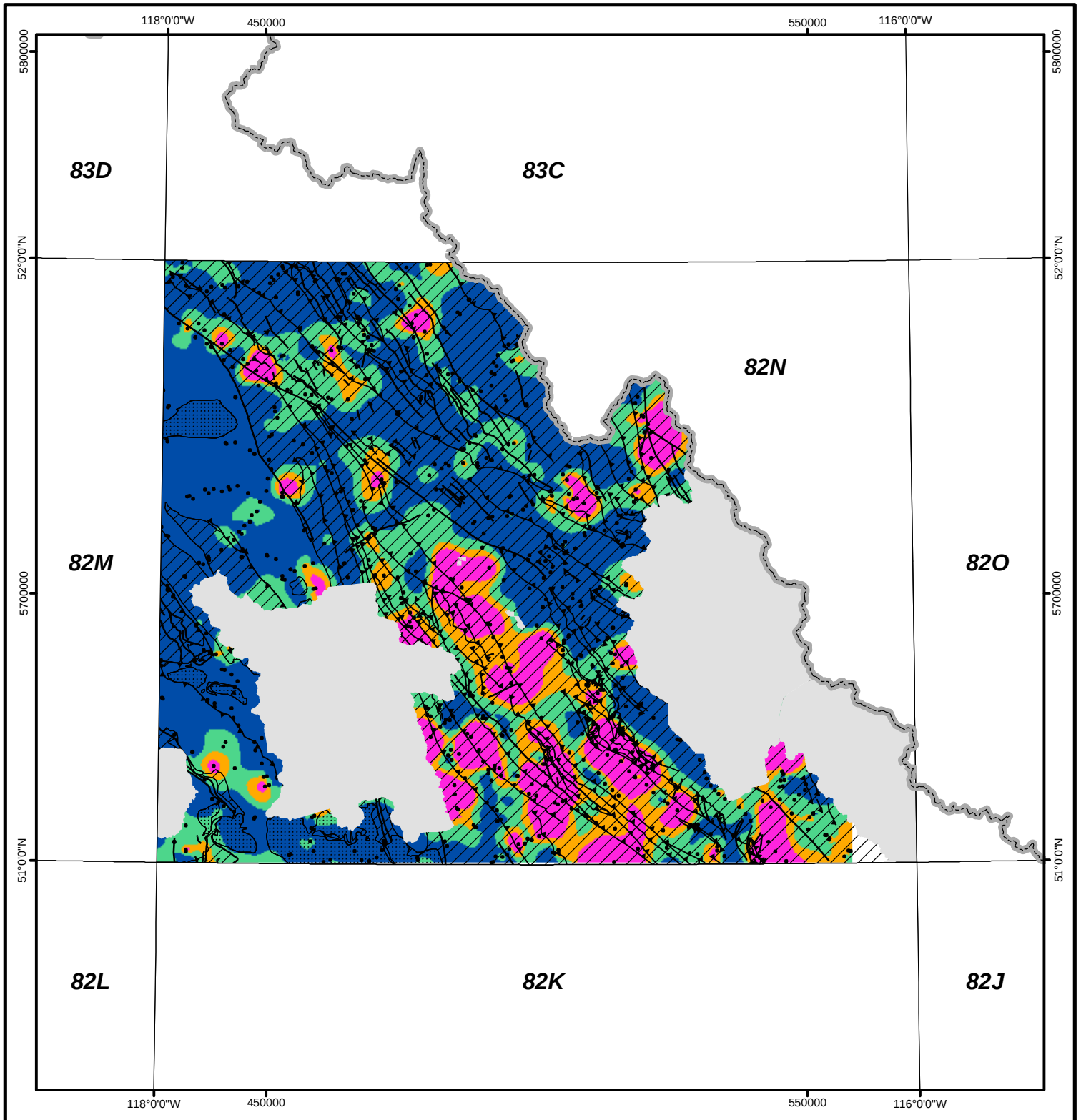
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

INAA: Ba (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-47	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Br (ppm)

- > 14.8
- 9.8 - 14.8
- 4.8 - 9.8
- < 4.8

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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N

0 10 20 km

NAD83 UTM Zone 11N

GEOSCIENCE BC

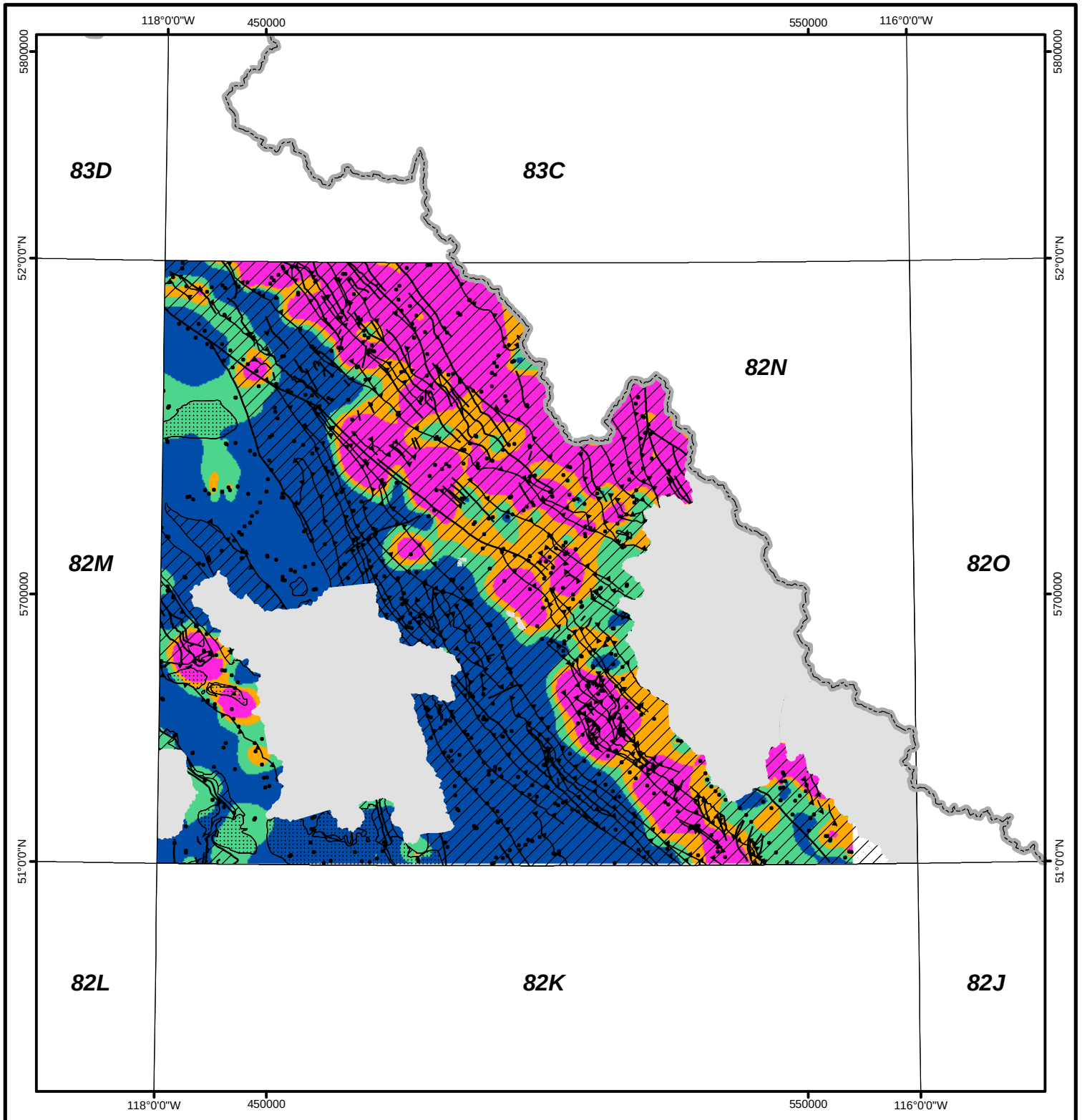
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

INAA: Br (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-48	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ca (%)

- > 9
- 6 - 9
- 3 - 6
- < 3

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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GEOSCIENCE BC

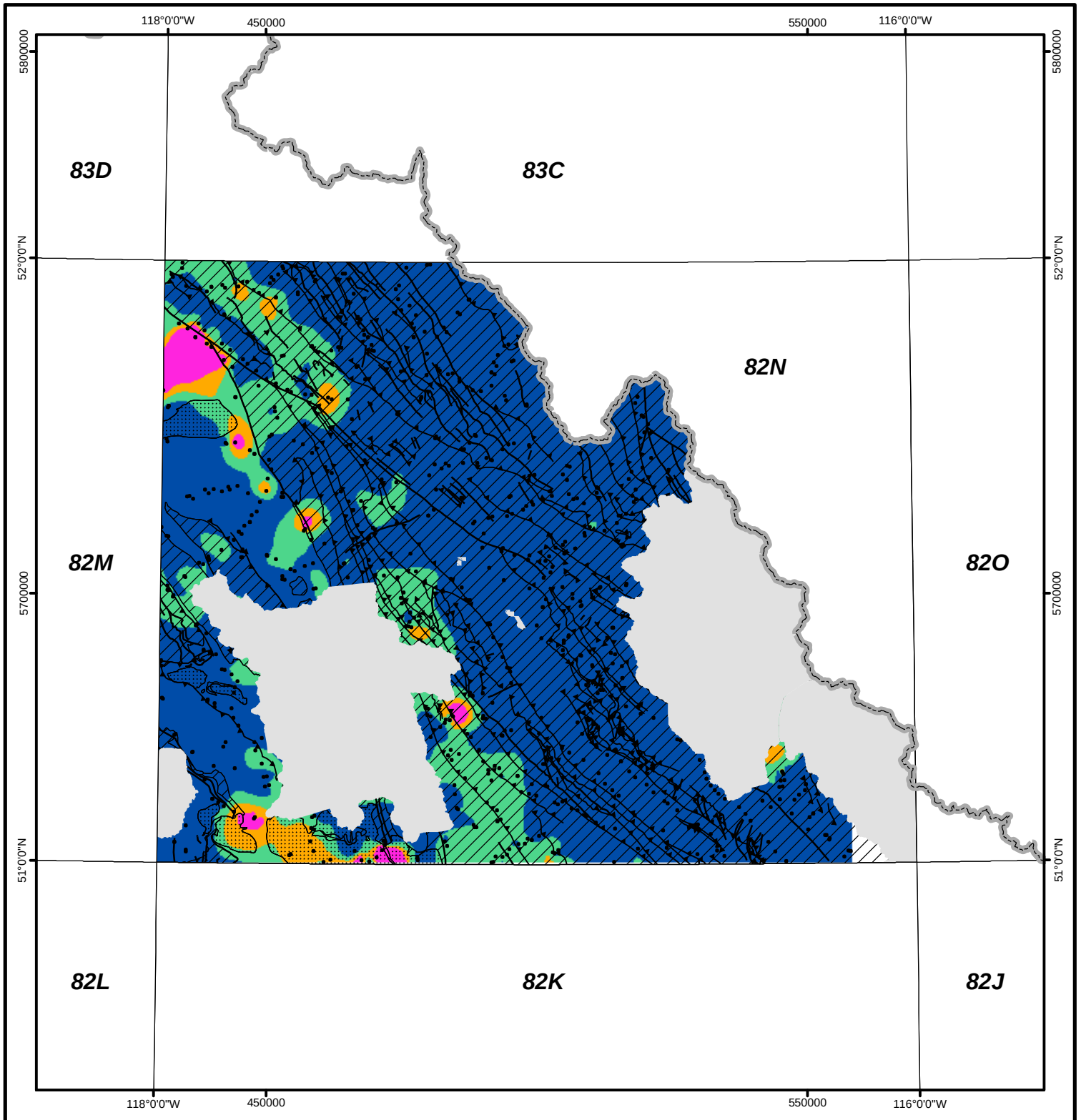
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

INAA: Ca (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-49	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ce (ppm)

- > 342
- 251 - 342
- 160 - 251
- < 160

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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GEOSCIENCE BC

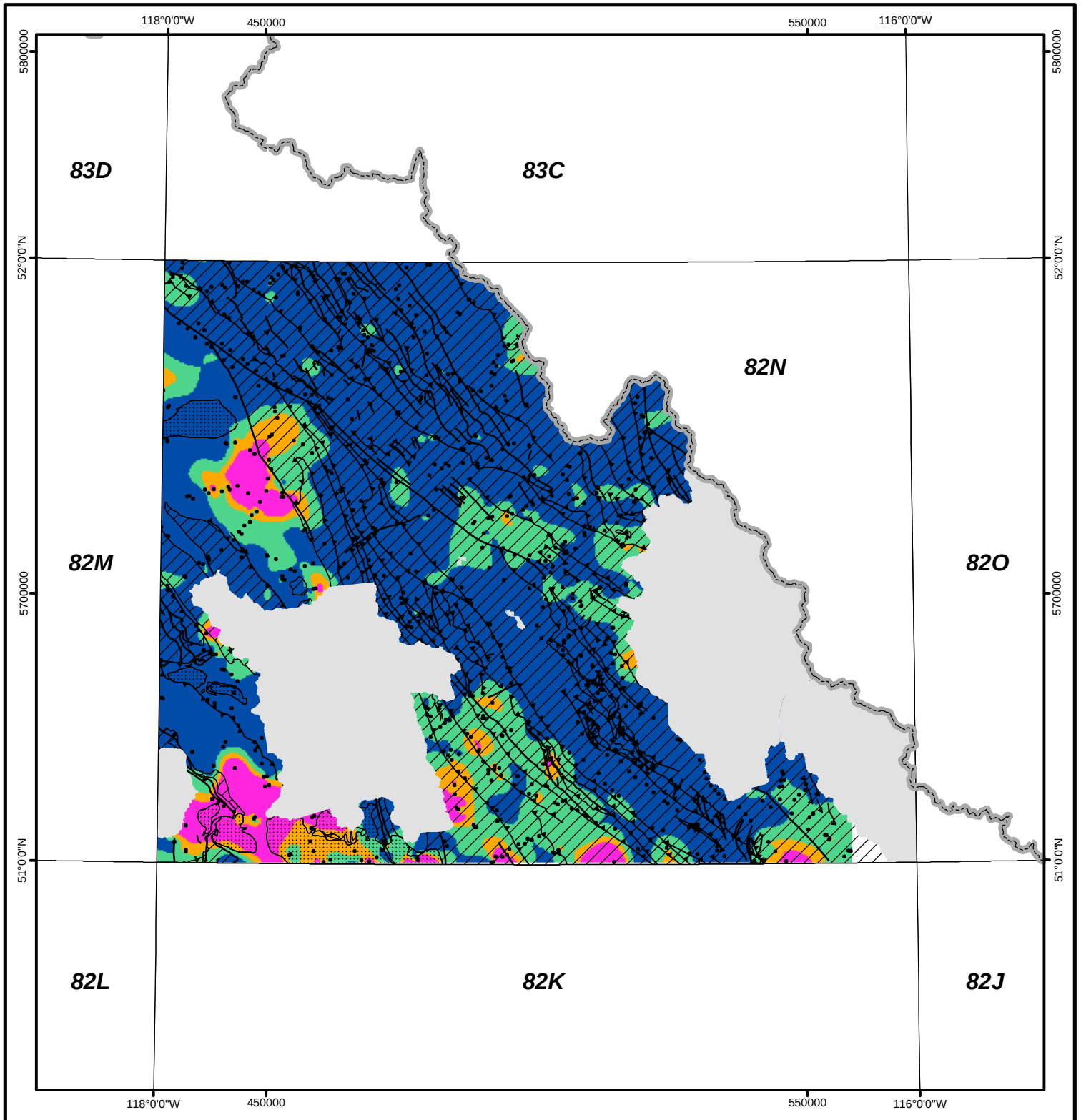
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

INAA: Ce (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-50	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Cs (ppm)

- > 8
- 6 - 8
- 4 - 6
- < 4

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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N

0 10 20 km

NAD83 UTM Zone 11N

GEOSCIENCE BC

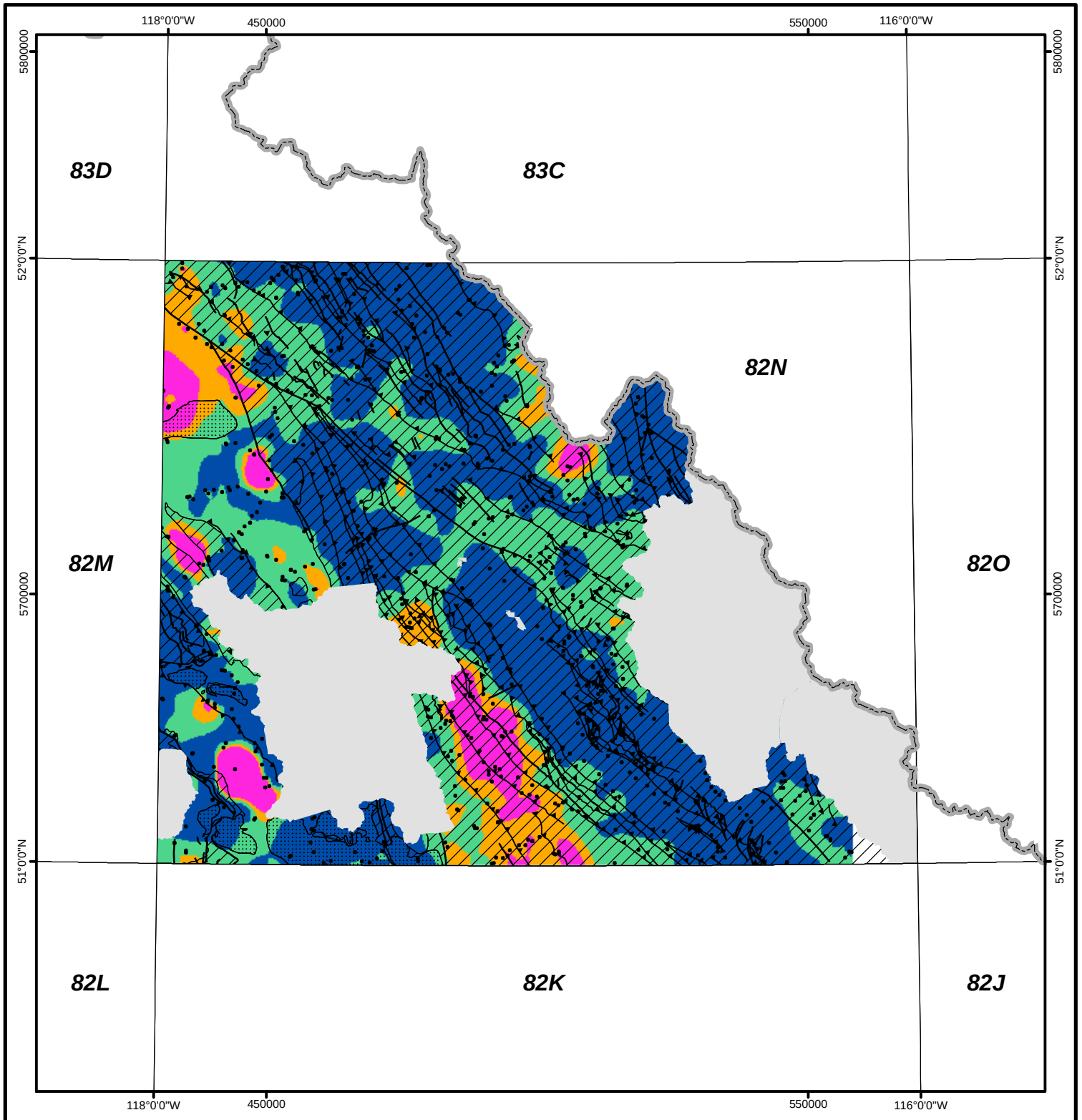
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

INAA: Cs (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-51	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Cr (ppm)

- > 135
- 105 - 135
- 75 - 105
- < 75

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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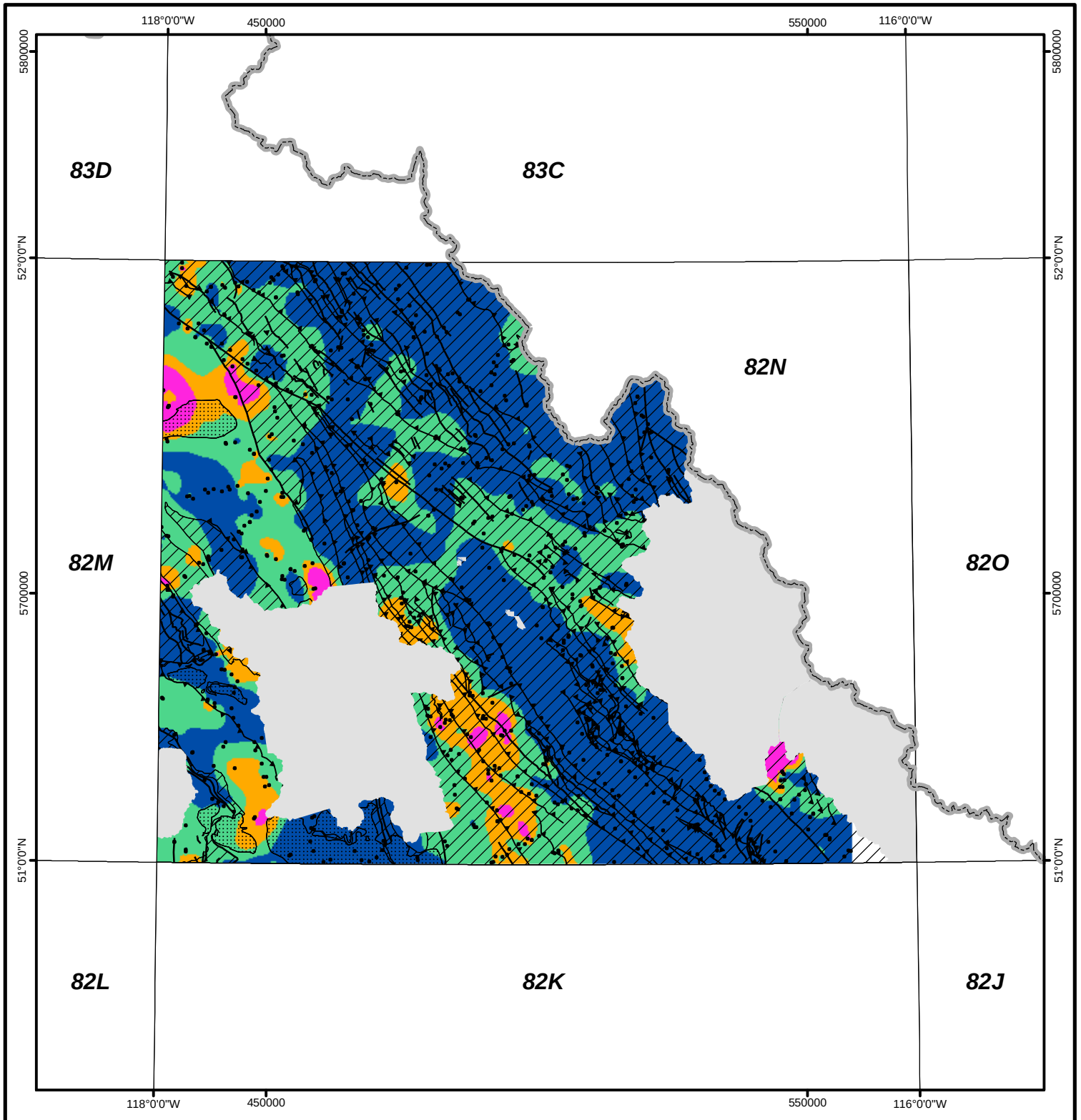
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

INAA: Cr (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-52	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Co (ppm)

- > 24
- 19 - 24
- 14 - 19
- < 14

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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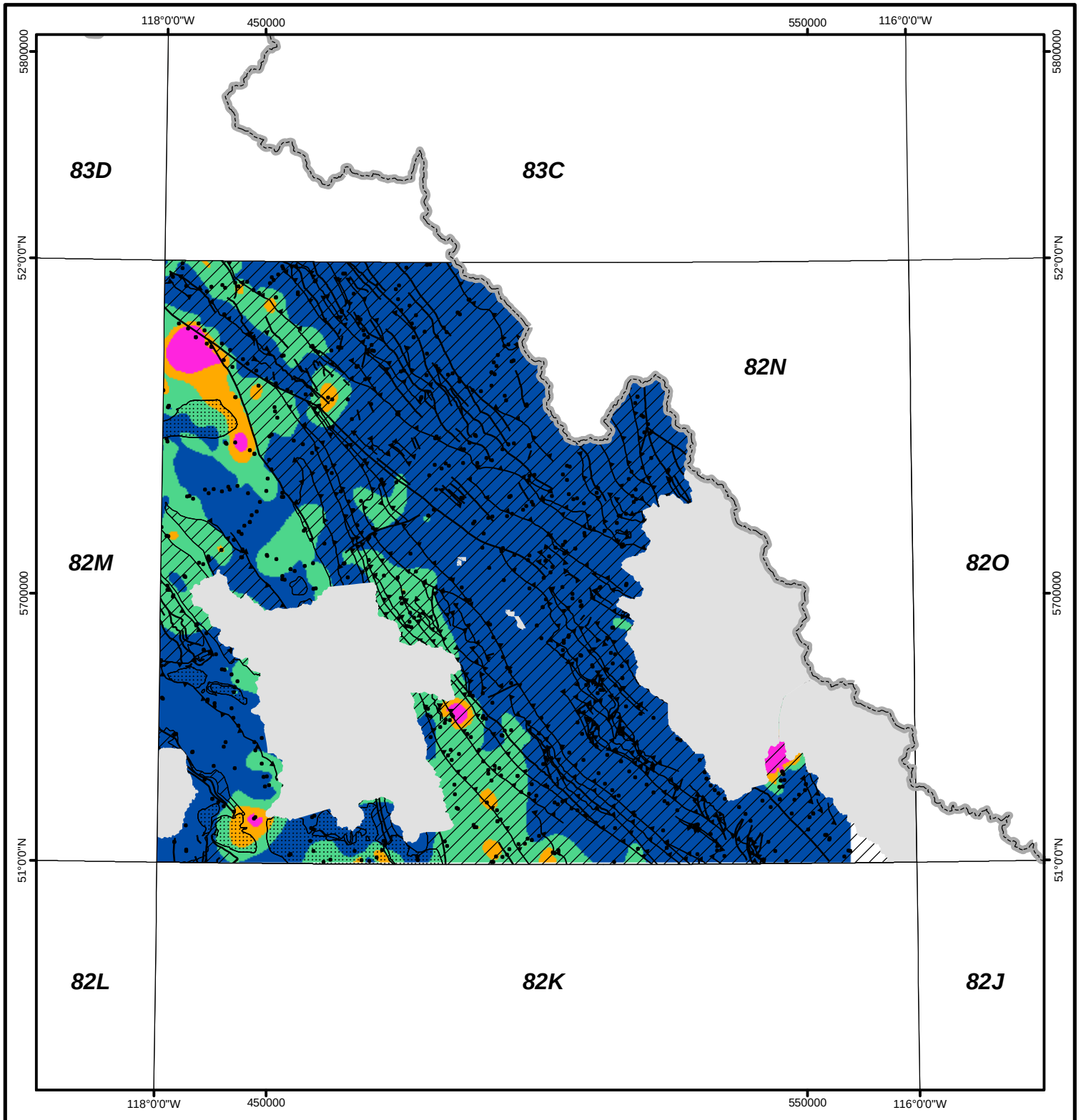
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

INAA: Co (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-53	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Eu (ppm)

- > 3.9
- 2.9 - 3.9
- 1.9 - 2.9
- < 1.9

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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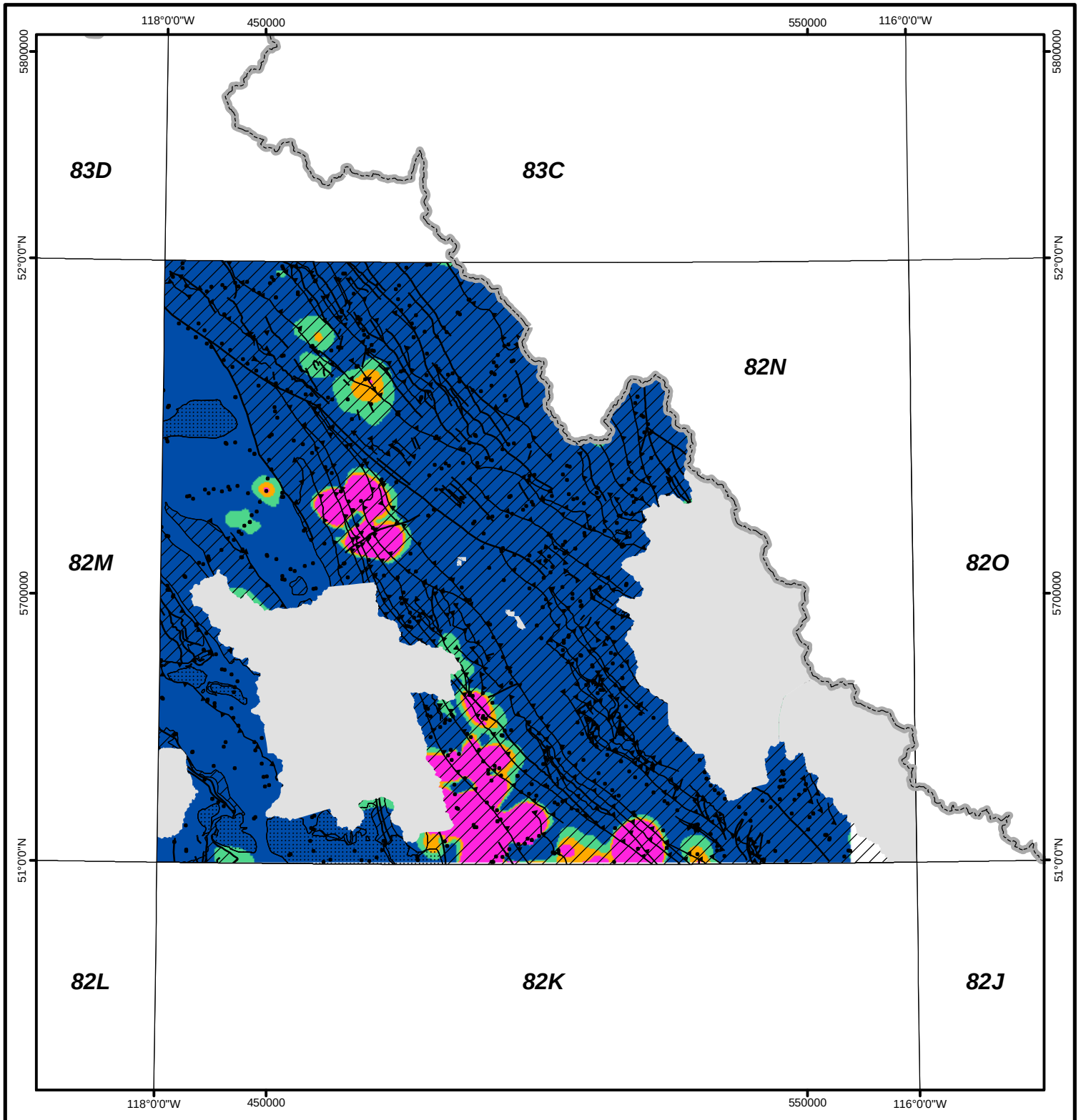
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

INAA: Eu (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-54	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Au (ppb)

- > 8
- 5 - 8
- 2 - 5
- < 2

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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N

0 10 20 km

NAD83 UTM Zone 11N

GEOSCIENCE BC

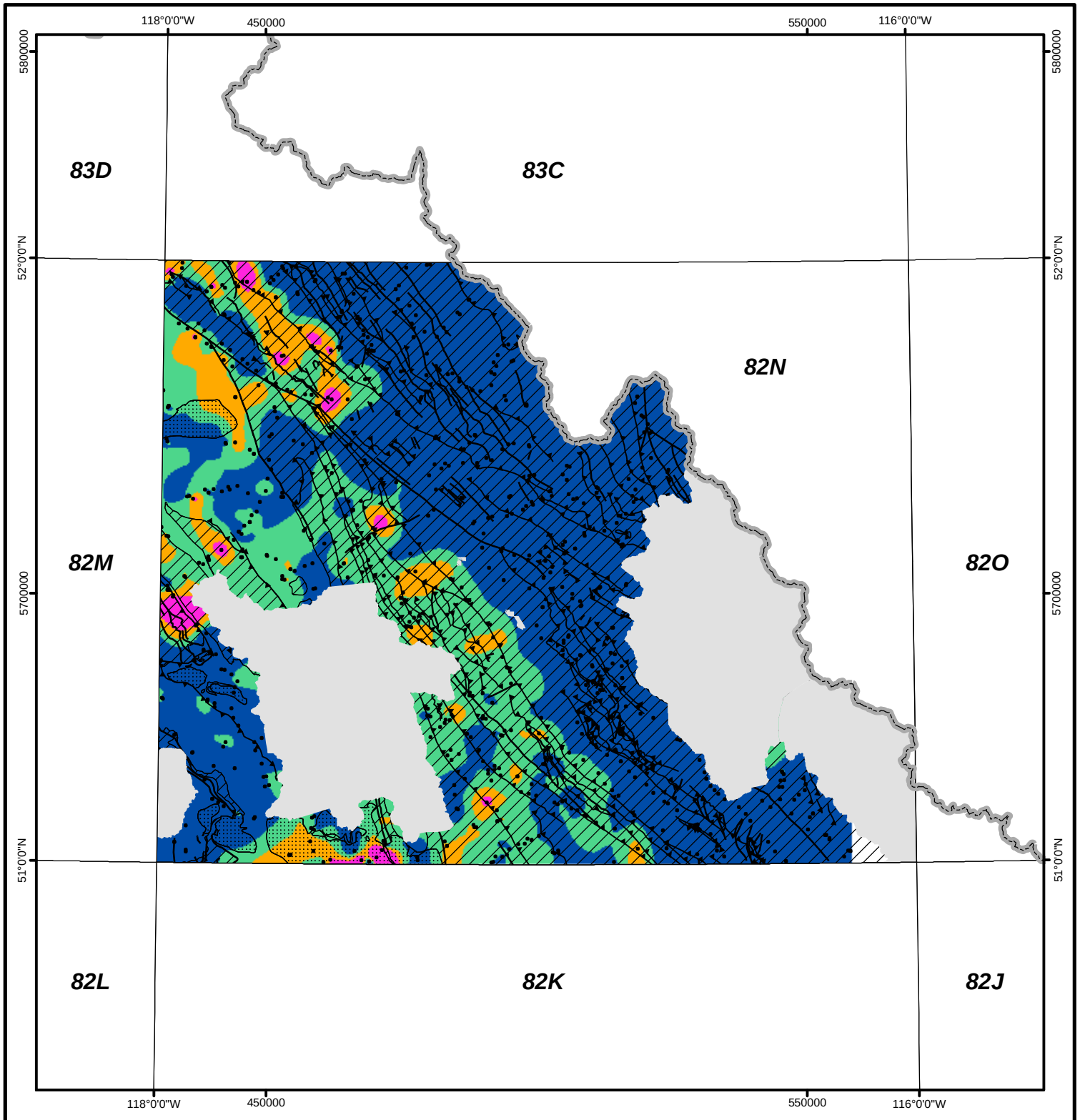
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

INAA: Au (ppb)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-55	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Hf (ppm)

- > 25
- 18 - 25
- 11 - 18
- < 11

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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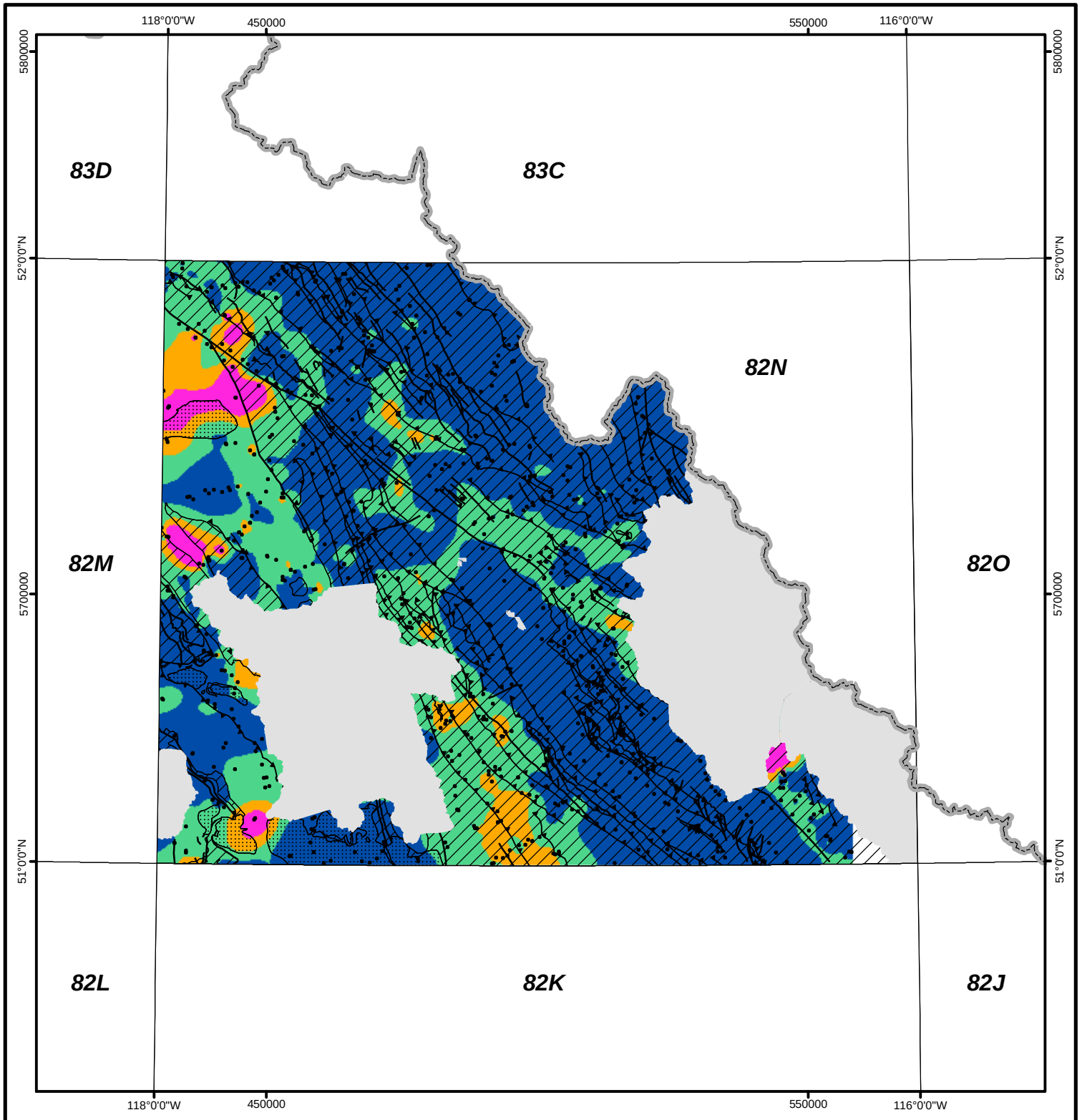
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

INAA: Hf (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-56	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Fe (%)

- > 6.07
- 4.86 - 6.07
- 3.65 - 4.86
- < 3.65

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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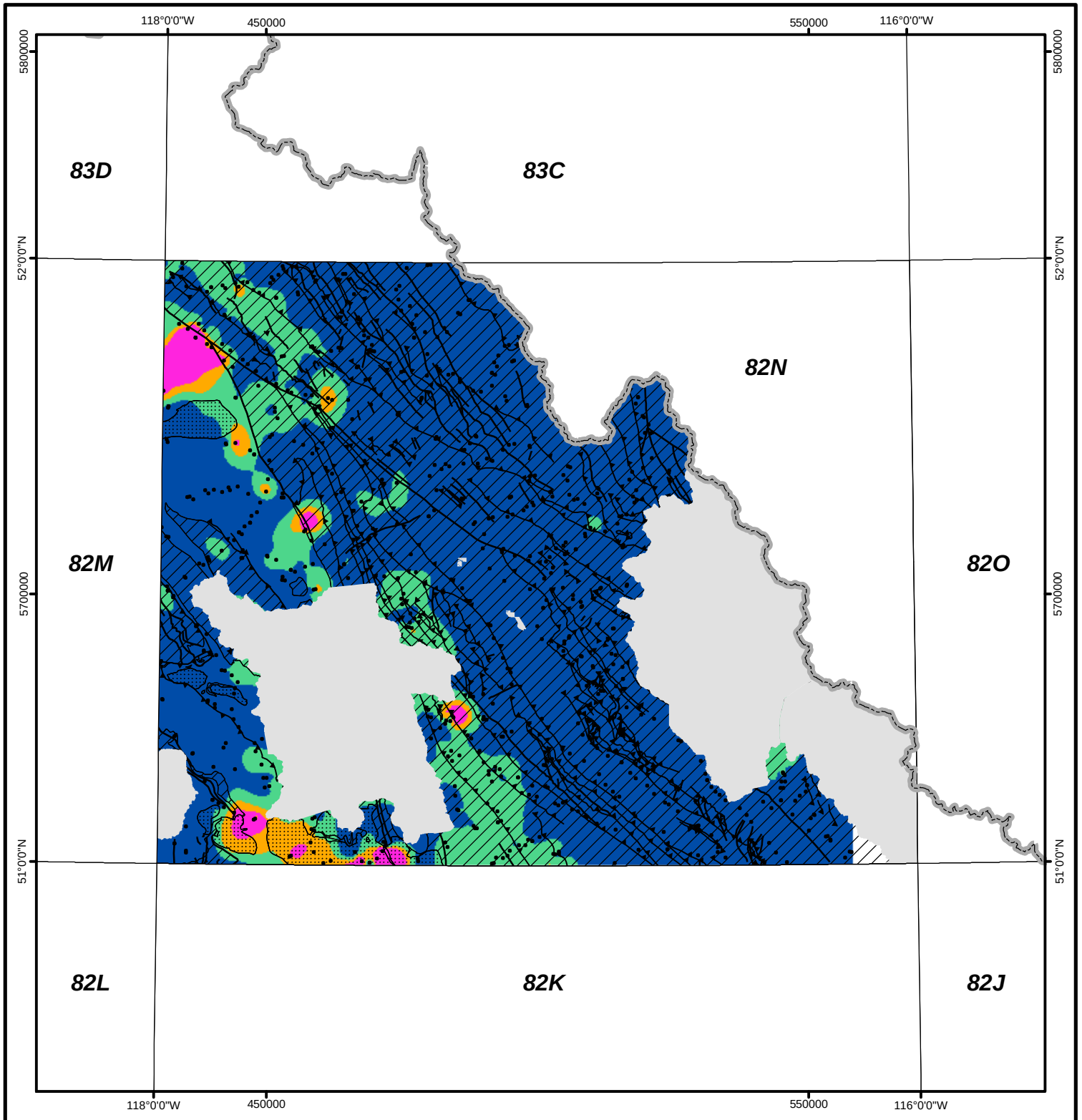
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

INAA: Fe (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-57	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

La (ppm)

- > 180.7
- 131.9 - 180.7
- 83.1 - 131.9
- < 83.1

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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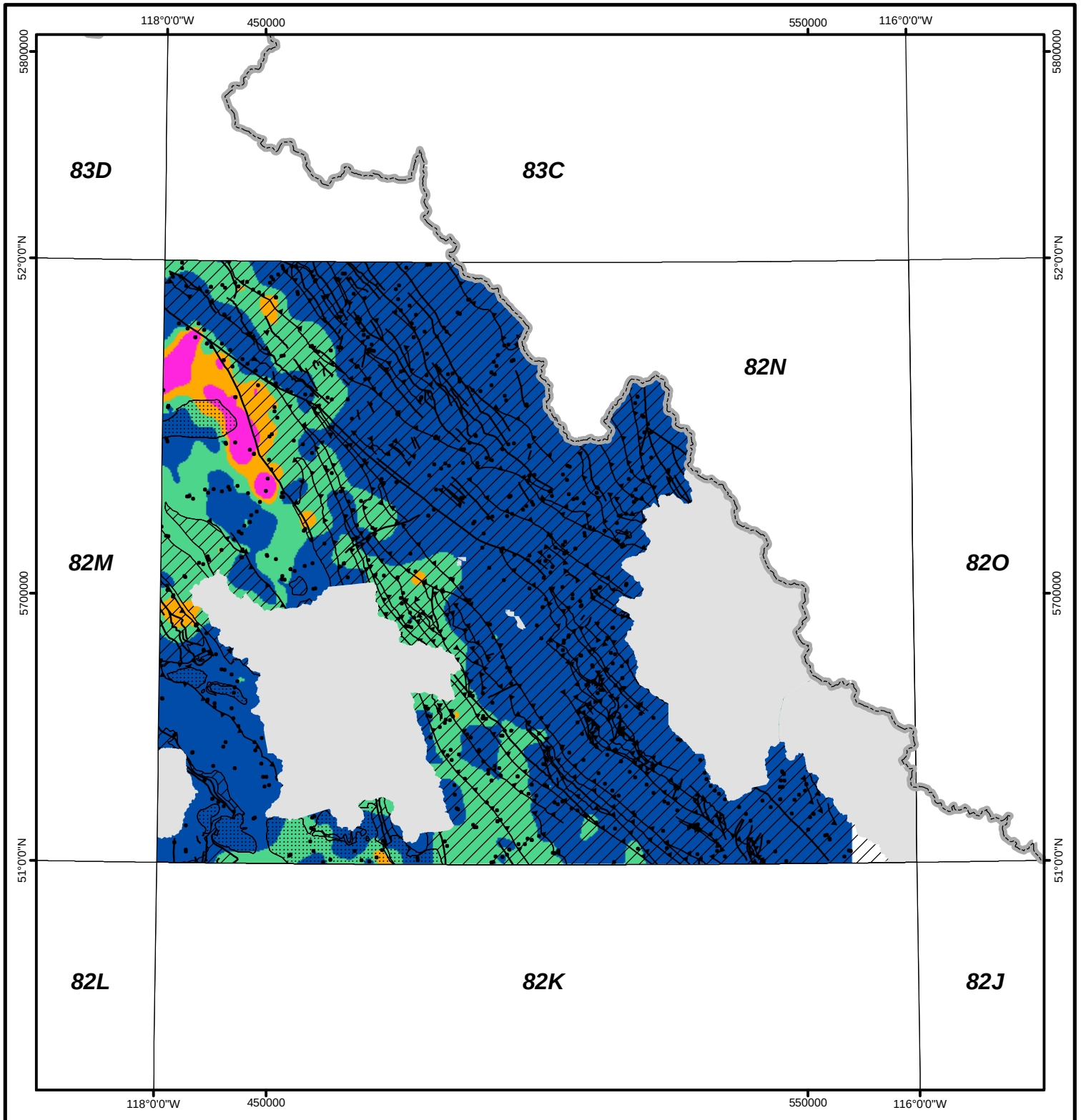
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

INAA: La (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-58	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Lu (ppm)

- > 1.18
- 0.87 - 1.18
- 0.56 - 0.87
- < 0.56

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
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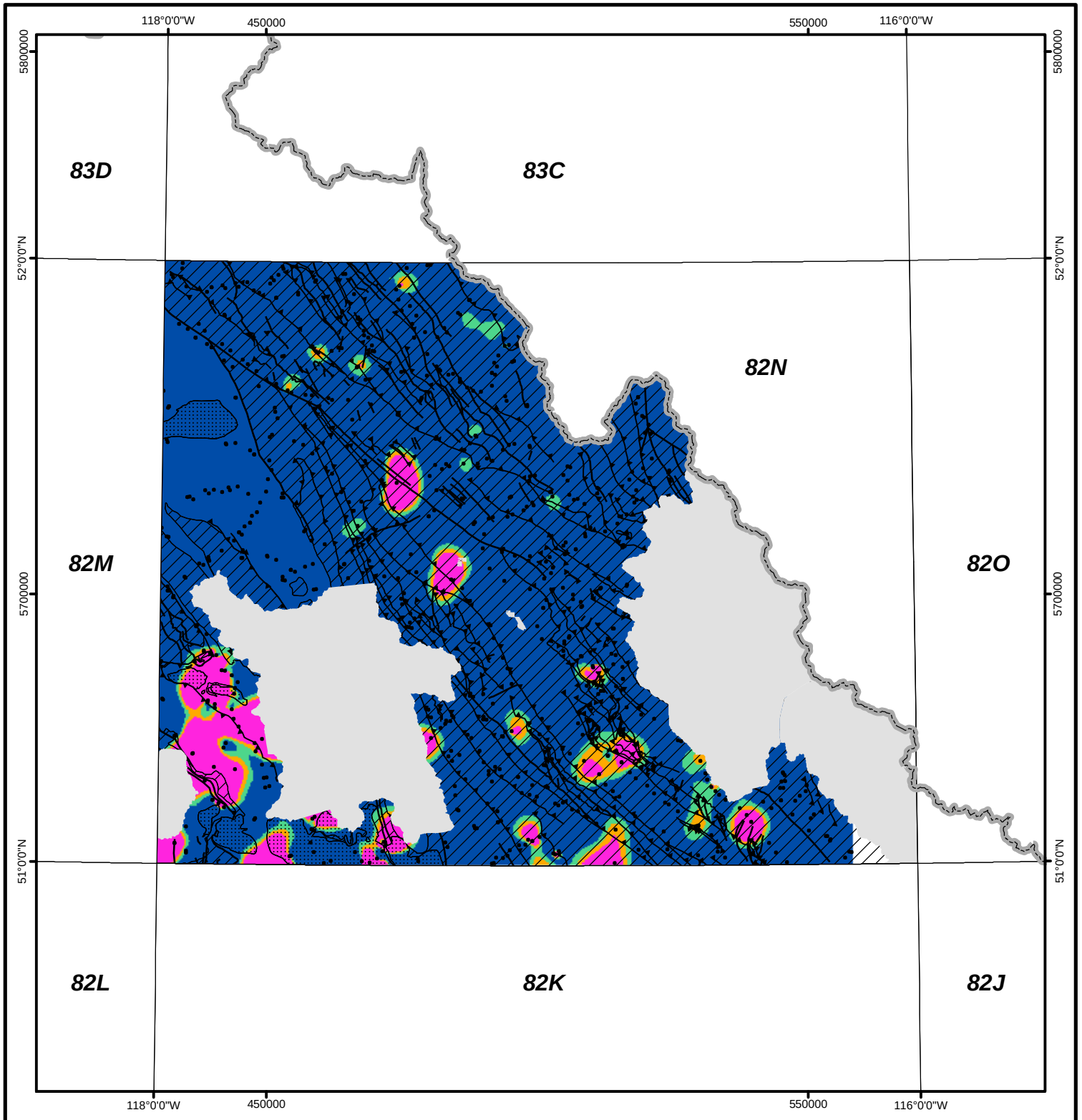
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

INAA: Lu (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-59	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Mo (ppm)

- > 4
- 3 - 4
- 2 - 3
- < 2

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
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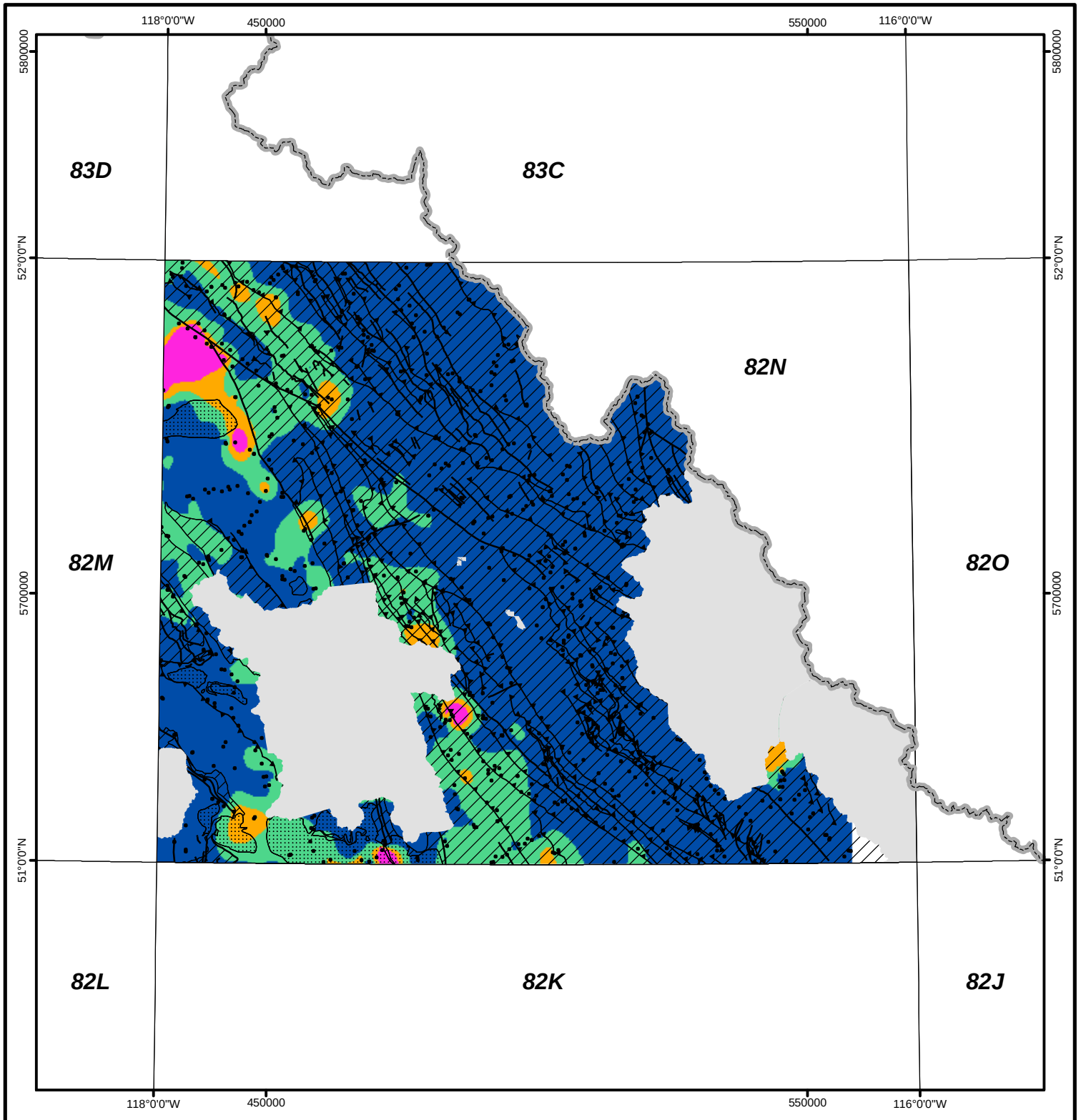
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

INAA: Mo (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-60	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Nd (ppm)

- > 131
- 97 - 131
- 63 - 97
- < 63

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
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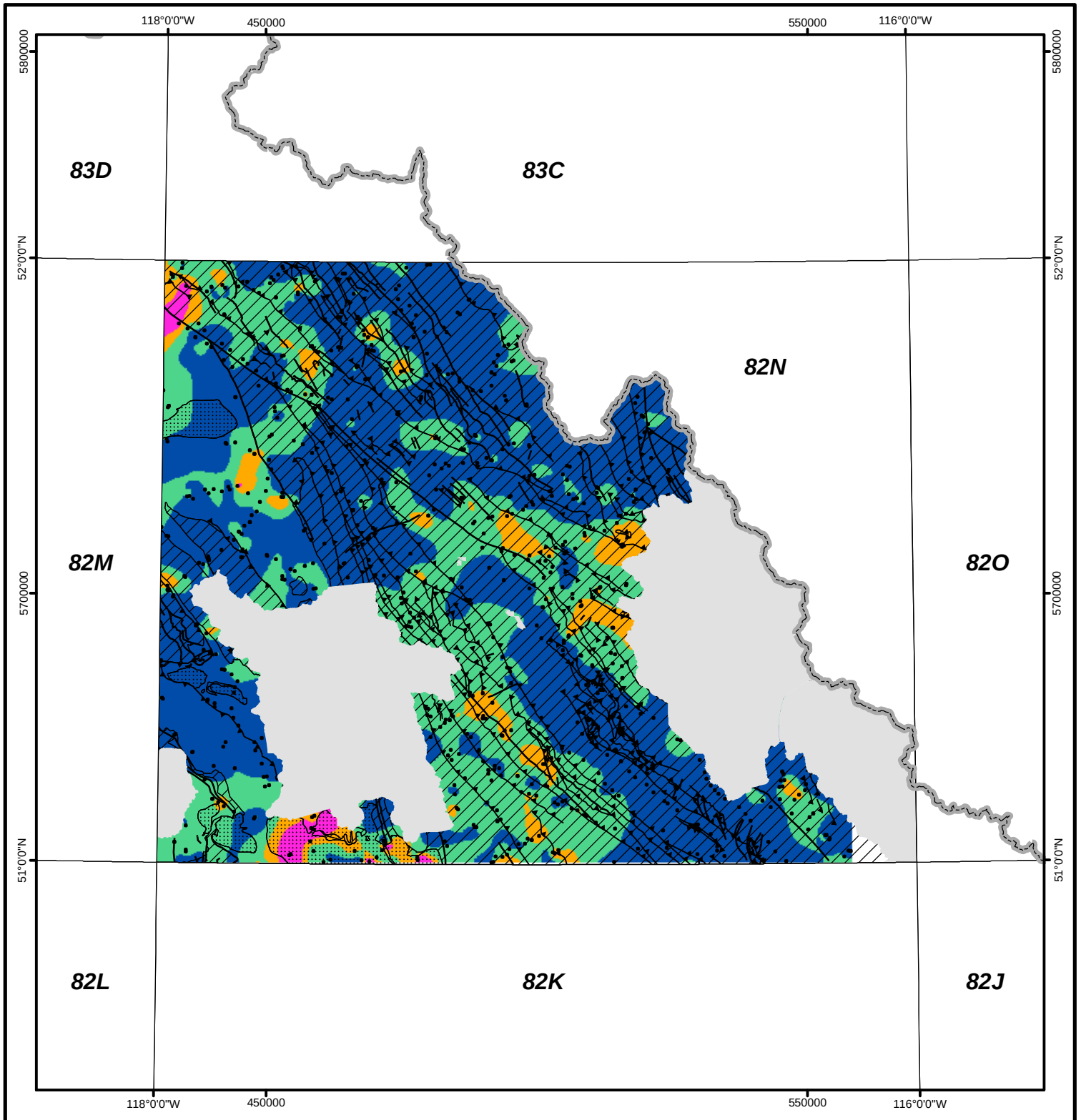
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

INAA: Nd (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-61	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Rb (ppm)

- > 145
- 115 - 145
- 85 - 115
- < 85

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
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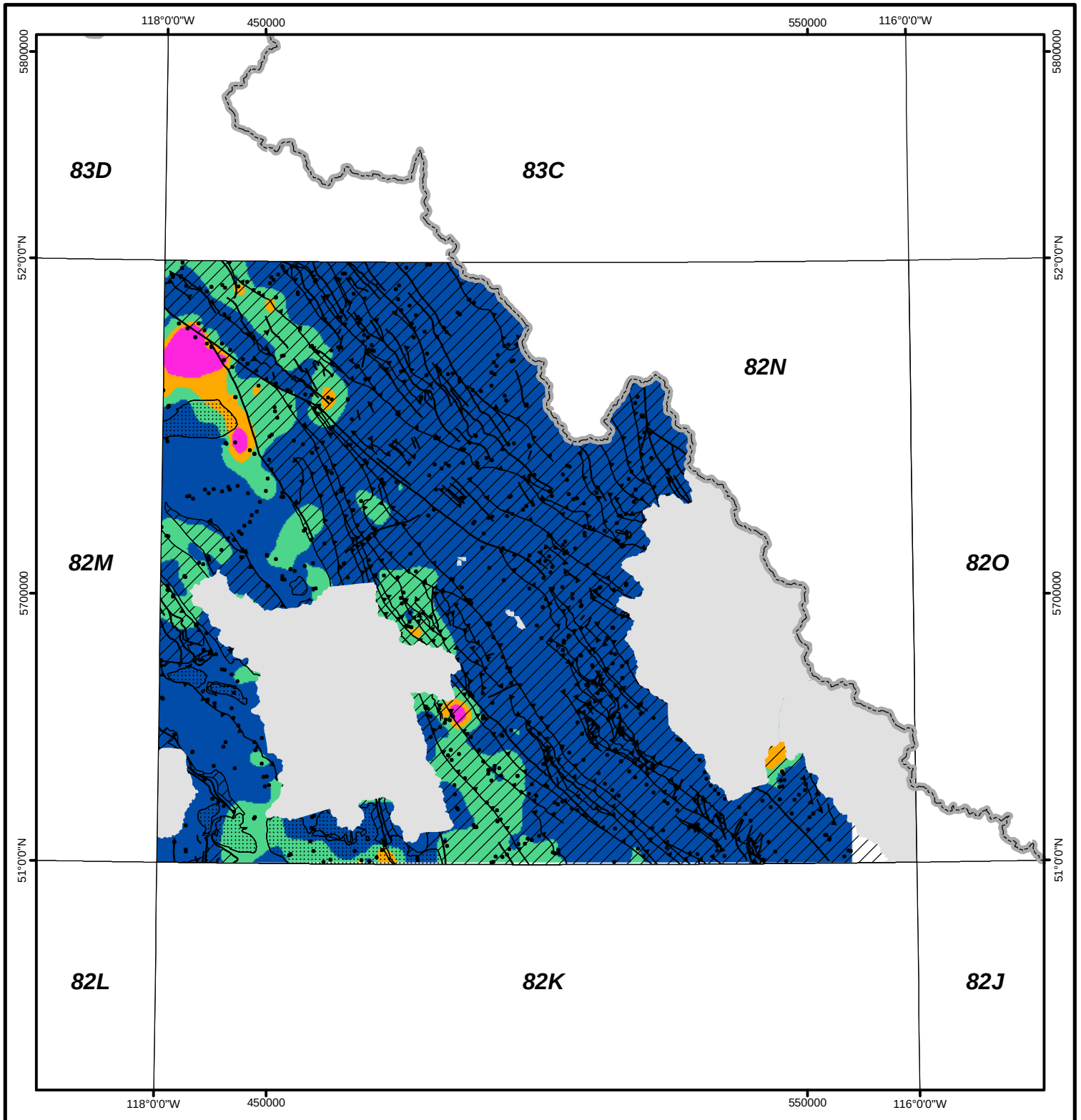
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

INAA: Rb (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-62	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Sm (ppm)

- > 25.0
- 18.3 - 25.0
- 11.6 - 18.3
- < 11.6

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
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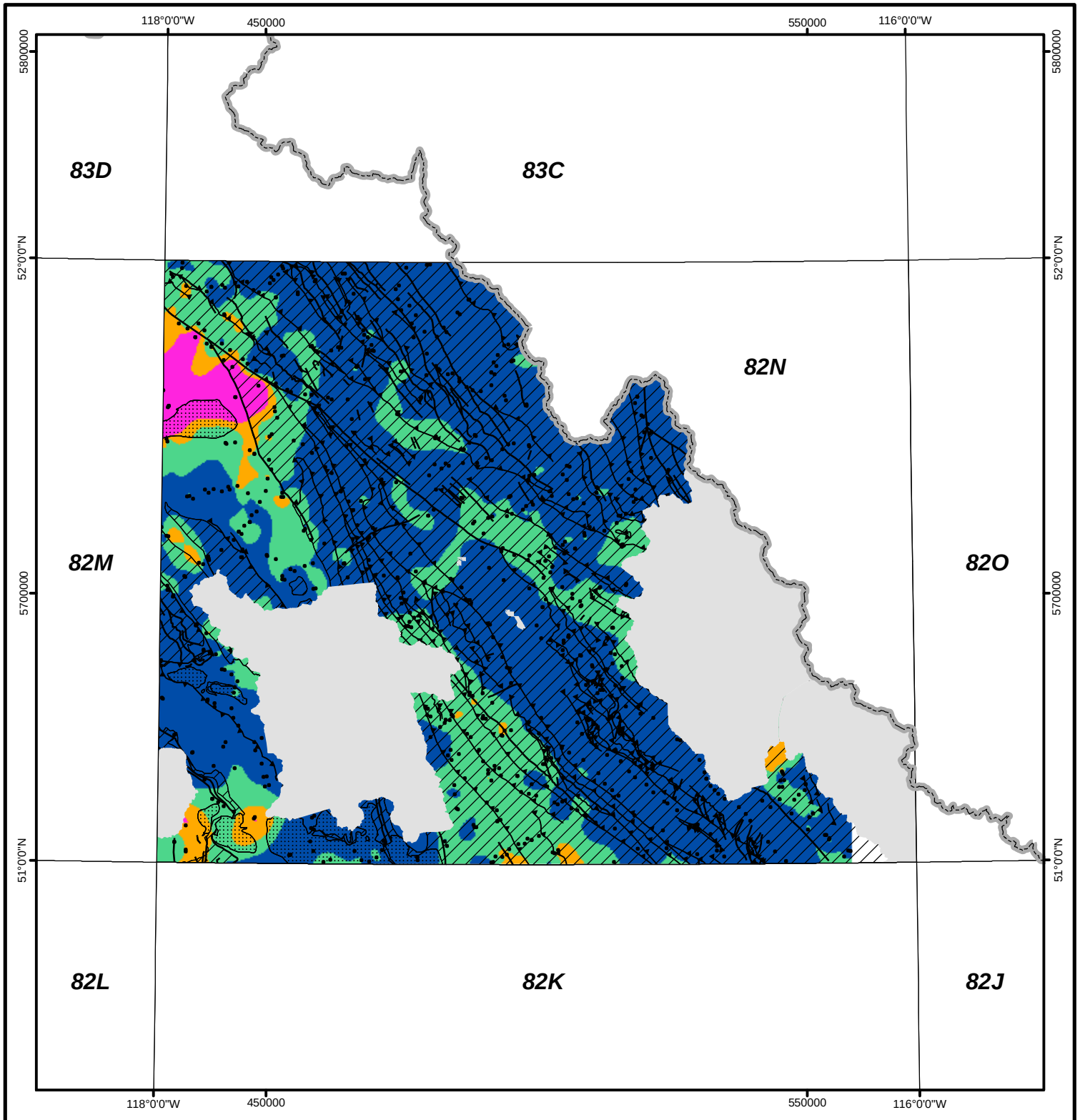
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

INAA: Sm (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-63	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Sc (ppm)

- > 19.7
- 15.5 - 19.7
- 11.3 - 15.5
- < 11.3

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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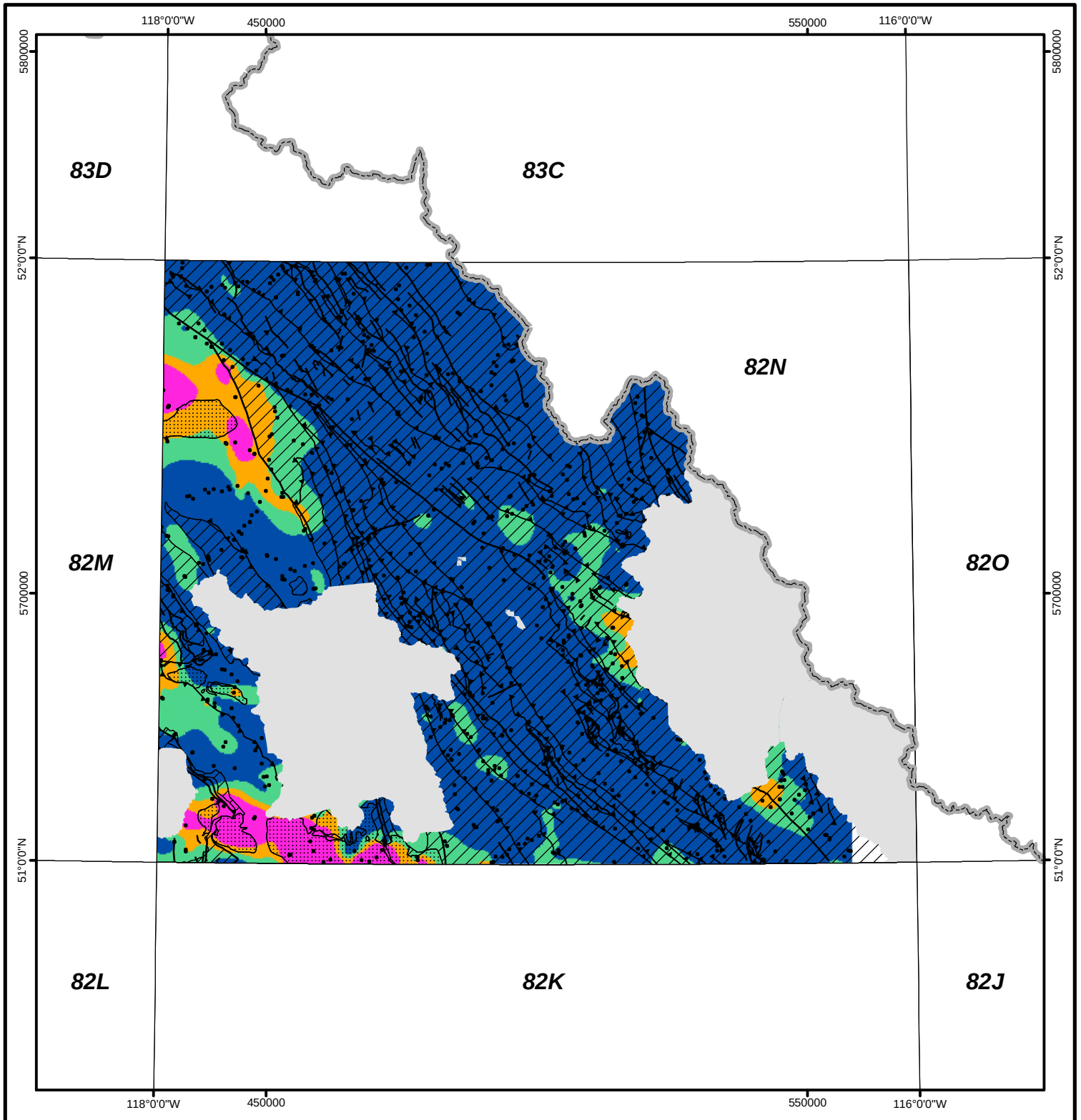
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

INAA: Sc (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-64	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Na (%)

- > 1.70
- 1.28 - 1.70
- 0.86 - 1.28
- < 0.86

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
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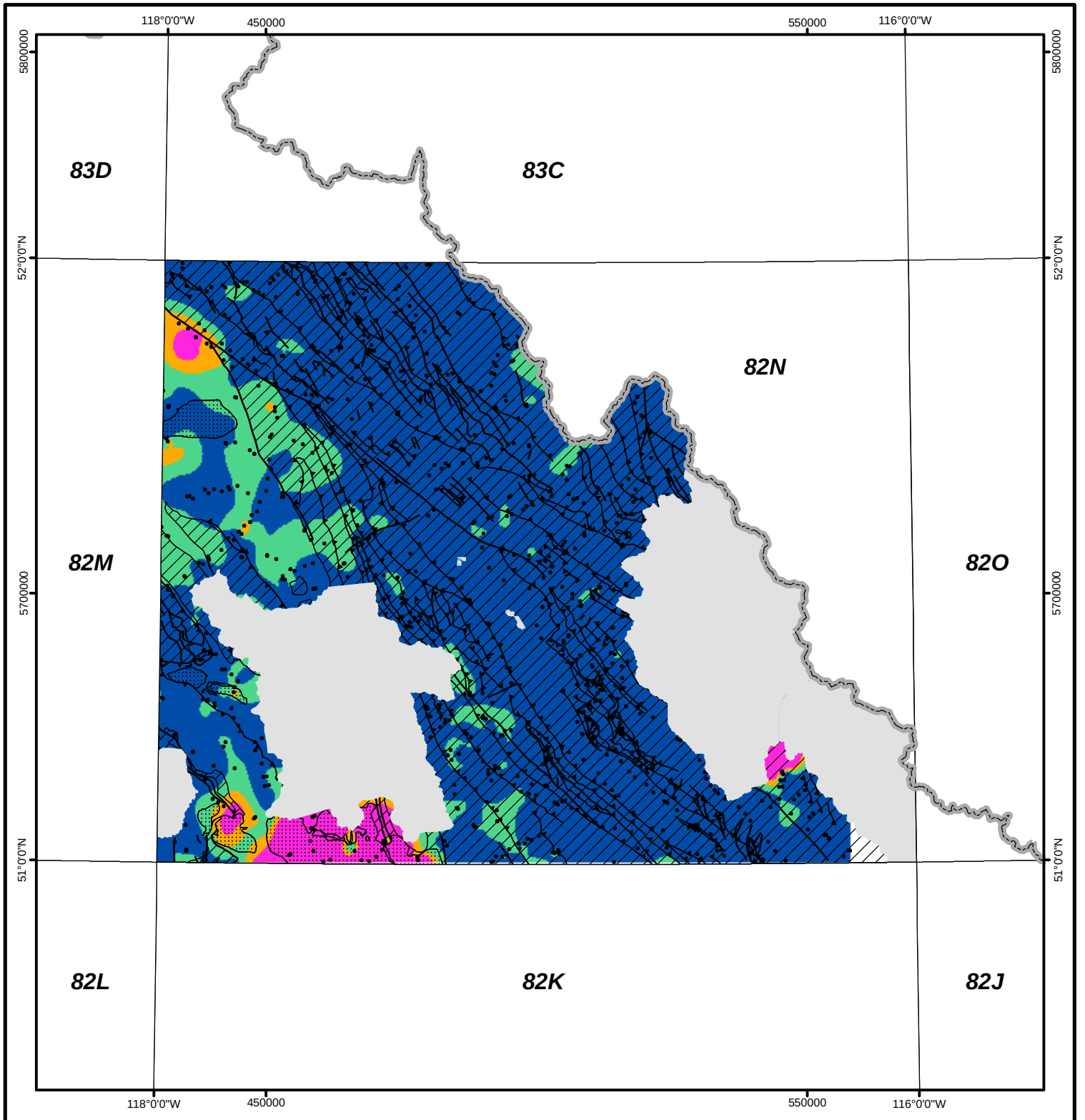
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

INAA: Na (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-65	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ta (ppm)

- > 3.8
- 2.7 - 3.8
- 1.6 - 2.7
- < 1.6

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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N

0 10 20 km

NAD83 UTM Zone 11N

GEOSCIENCE BC

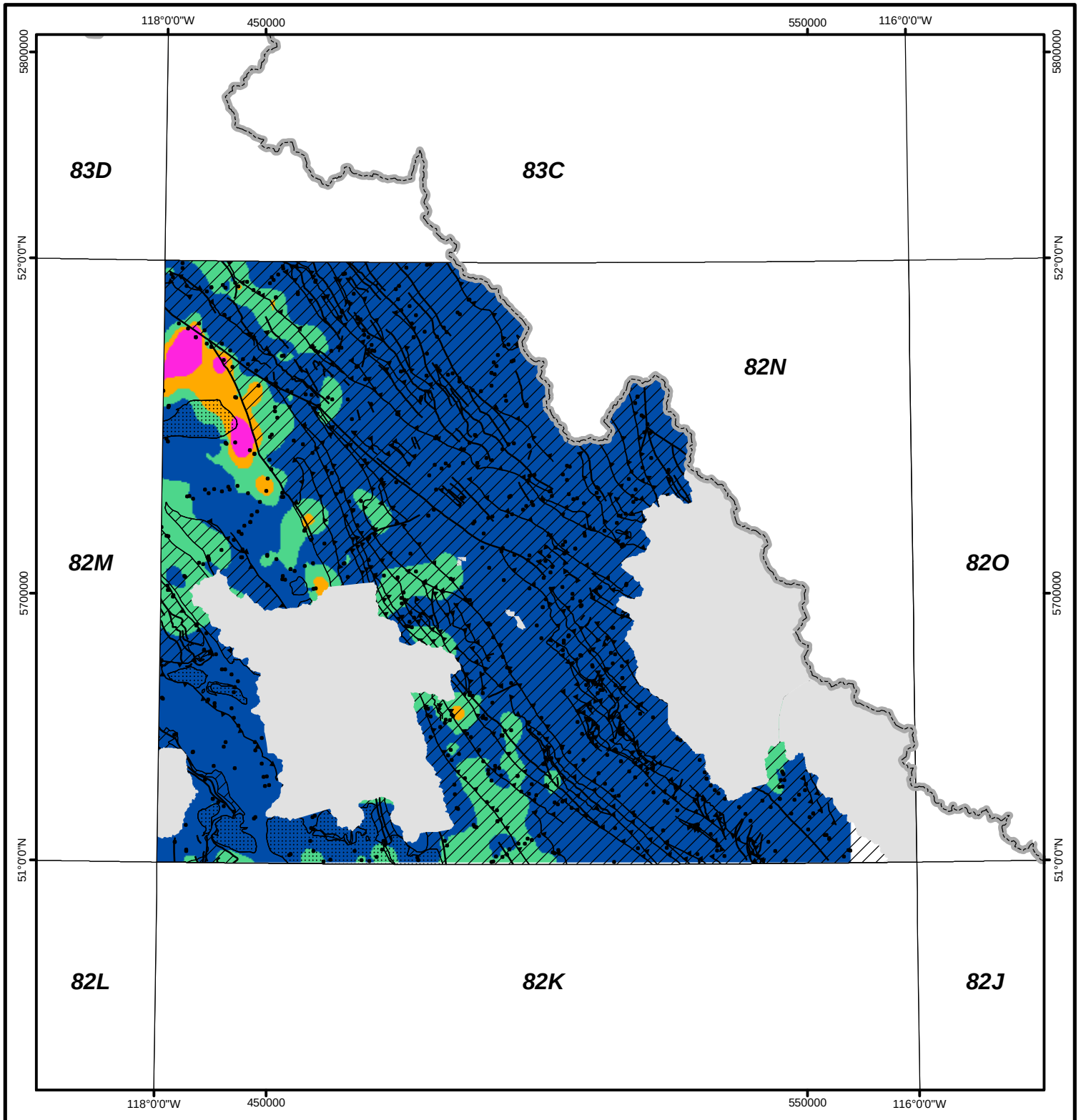
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

INAA: Ta (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-66	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Tb (ppm)

- > 2.9
- 2.1 - 2.9
- 1.3 - 2.1
- < 1.3

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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N

0 10 20 km

NAD83 UTM Zone 11N

GEOSCIENCE BC

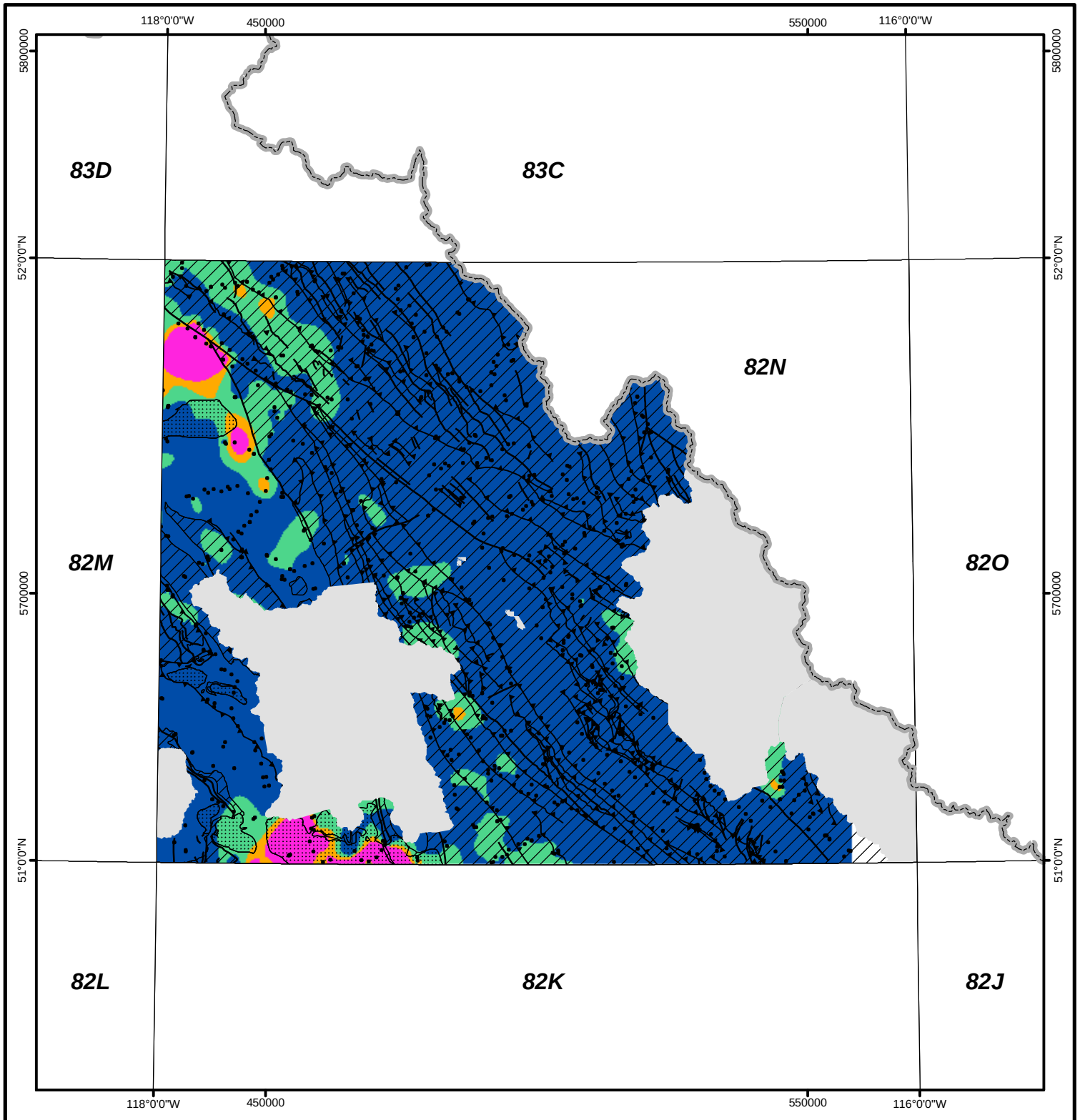
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

INAA: Tb (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-67	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Th (ppm)

- > 45
- 33 - 45
- 21 - 33
- < 21

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
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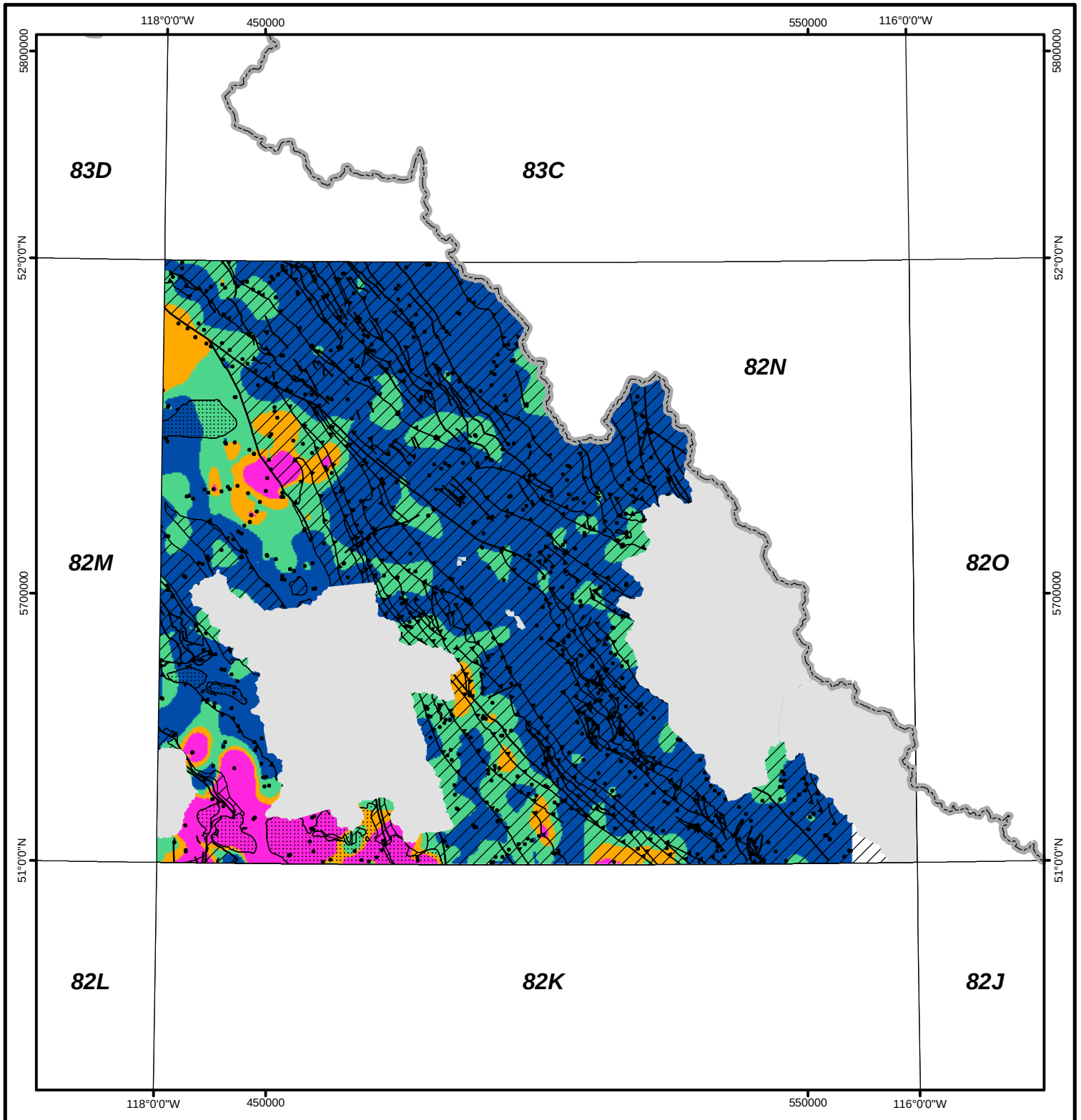
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

INAA: Th (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-68	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

W (ppm)

- > 6
- 4 - 6
- 2 - 4
- < 2

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

N

0 10 20 km

NAD83 UTM Zone 11N

GEOSCIENCE BC

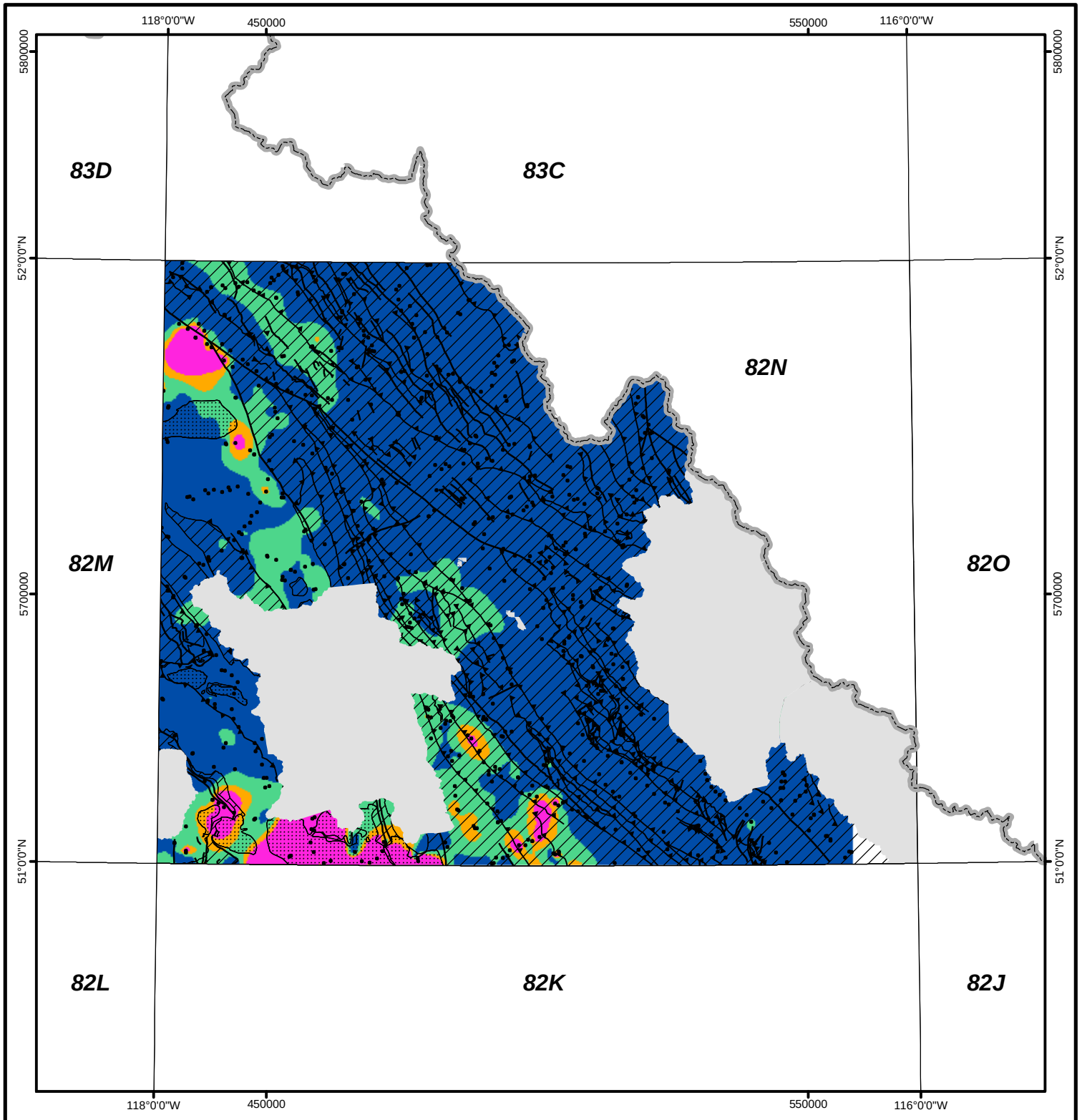
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

INAA: W (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-69	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

U (ppm)

- > 12.9
- 9.3 - 12.9
- 5.7 - 9.3
- < 5.7

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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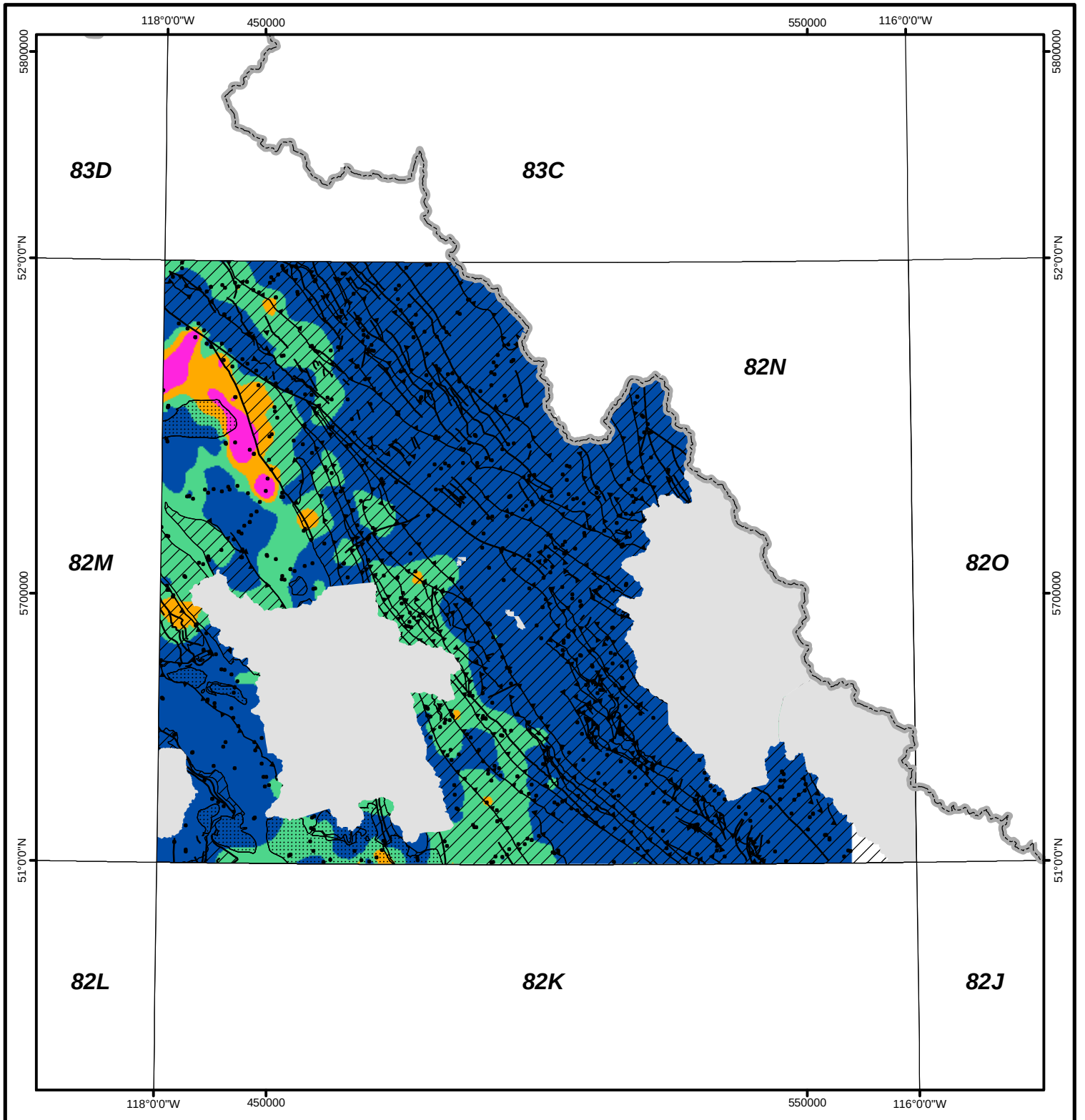
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

INAA: U (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-70	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Yb (ppm)

- > 7.6
- 5.6 - 7.6
- 3.6 - 5.6
- < 3.6

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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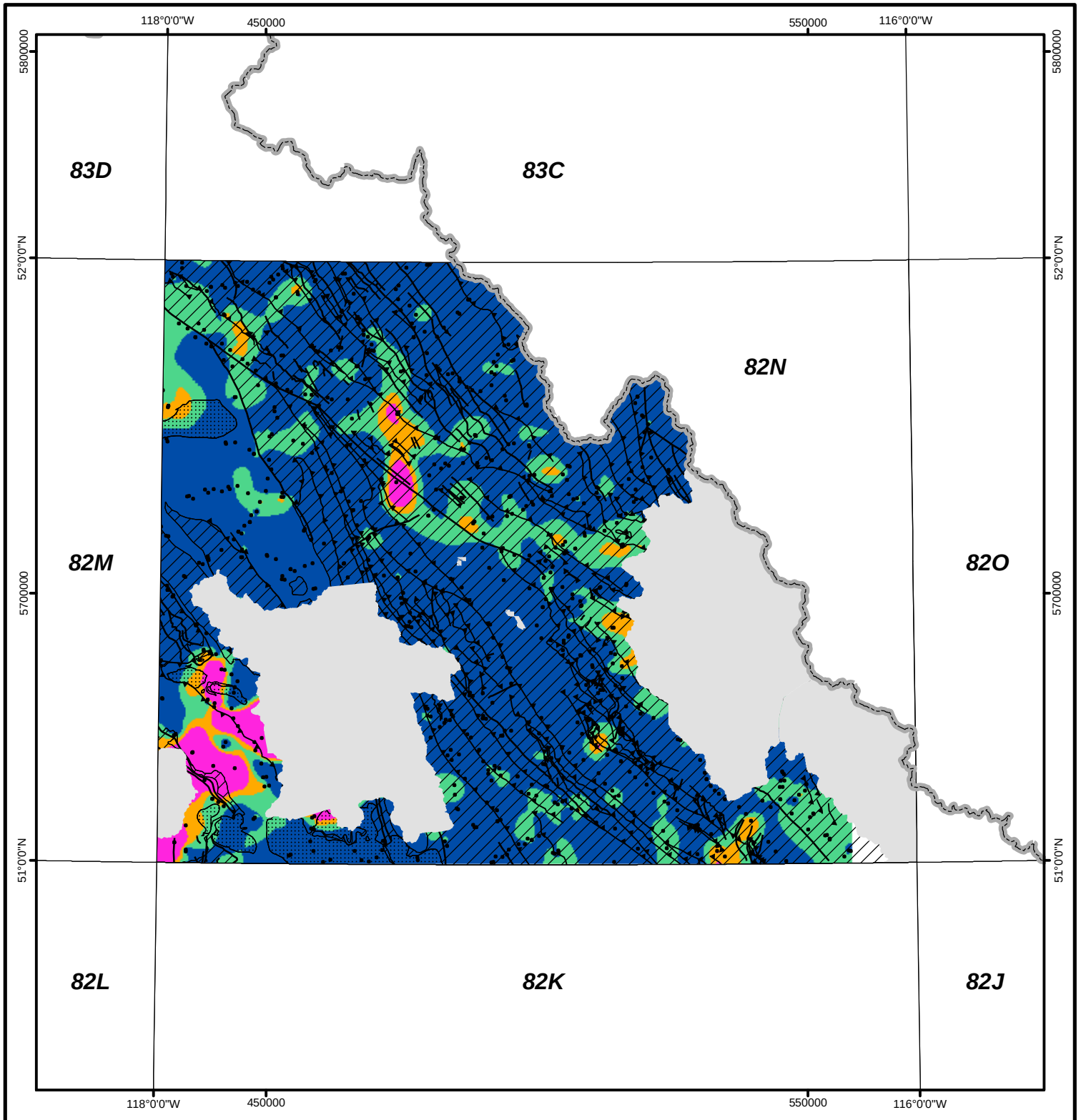
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

INAA: Yb (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-71	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Zn (ppm)

- > 106
- 77 - 106
- 48 - 77
- < 48

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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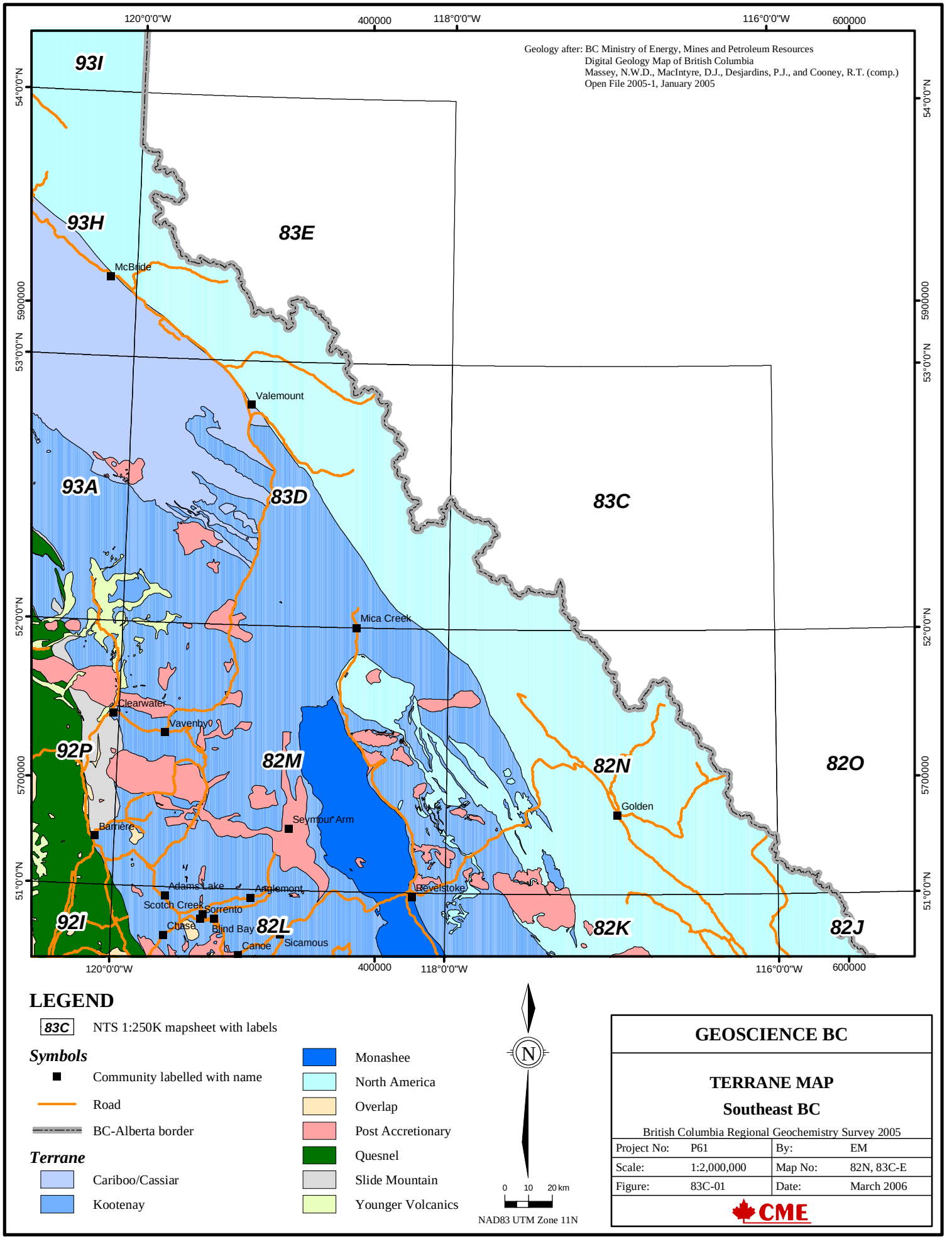
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 82N

INAA: Zn (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	82N
Figure:	82N-72	Date:	March 2006

CME



LEGEND

83C NTS 1:250K mapsheet with labels

Symbols

- Community labelled with name
- Road
- BC-Alberta border

Terrane

- Cariboo/Cassiar
- Kootenay
- Monashee
- North America
- Overlap
- Post Accretionary
- Quesnel
- Slide Mountain
- Younger Volcanics

N

0 10 20 km

NAD83 UTM Zone 11N

GEOSCIENCE BC

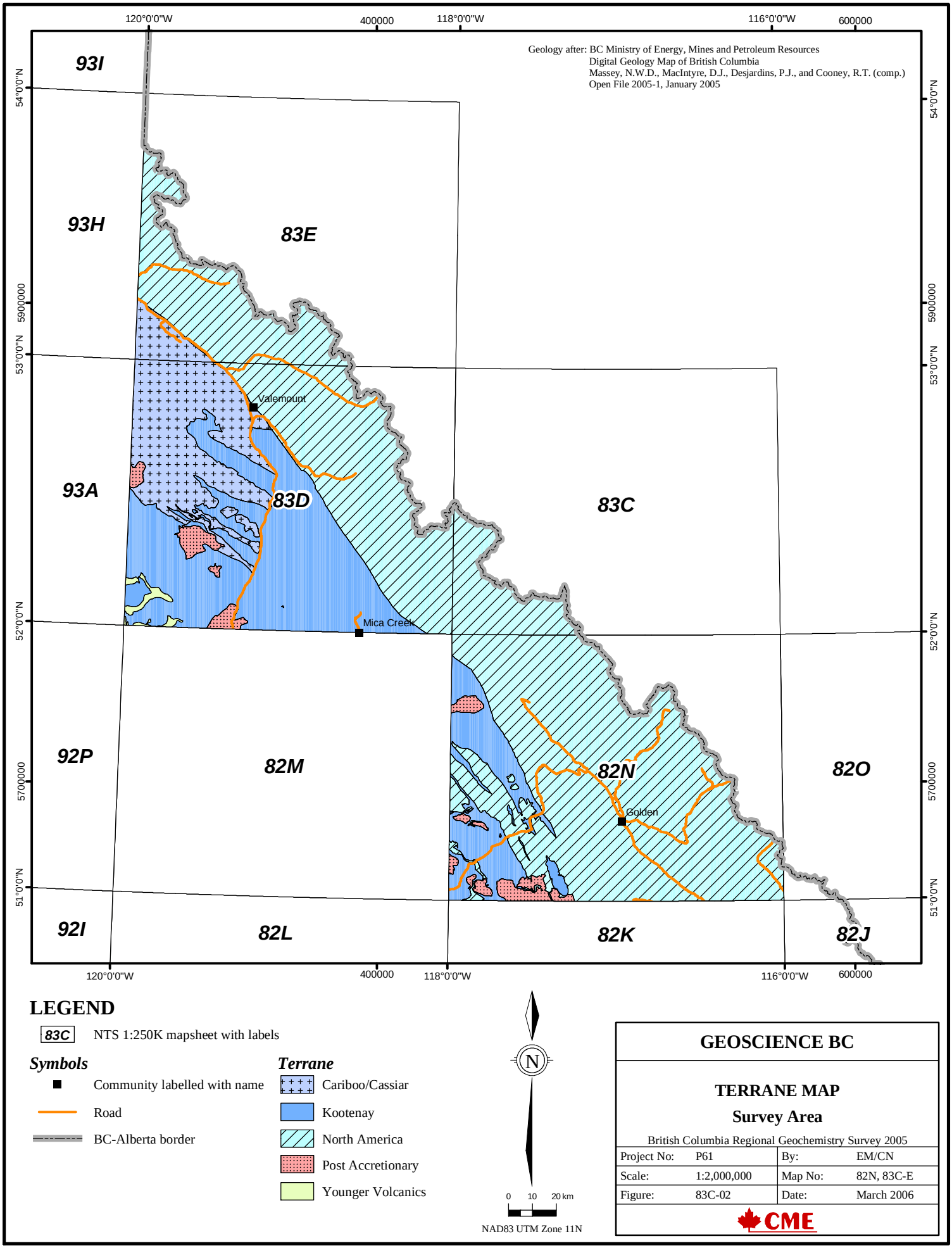
TERRANE MAP

Southeast BC

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM
Scale:	1:2,000,000	Map No:	82N, 83C-E
Figure:	83C-01	Date:	March 2006

CME



LEGEND

83C NTS 1:250K mapsheet with labels

Symbols

- Community labelled with name
- Road
- BC-Alberta border

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary
- Younger Volcanics

N

0 10 20 km

NAD83 UTM Zone 11N

GEOSCIENCE BC

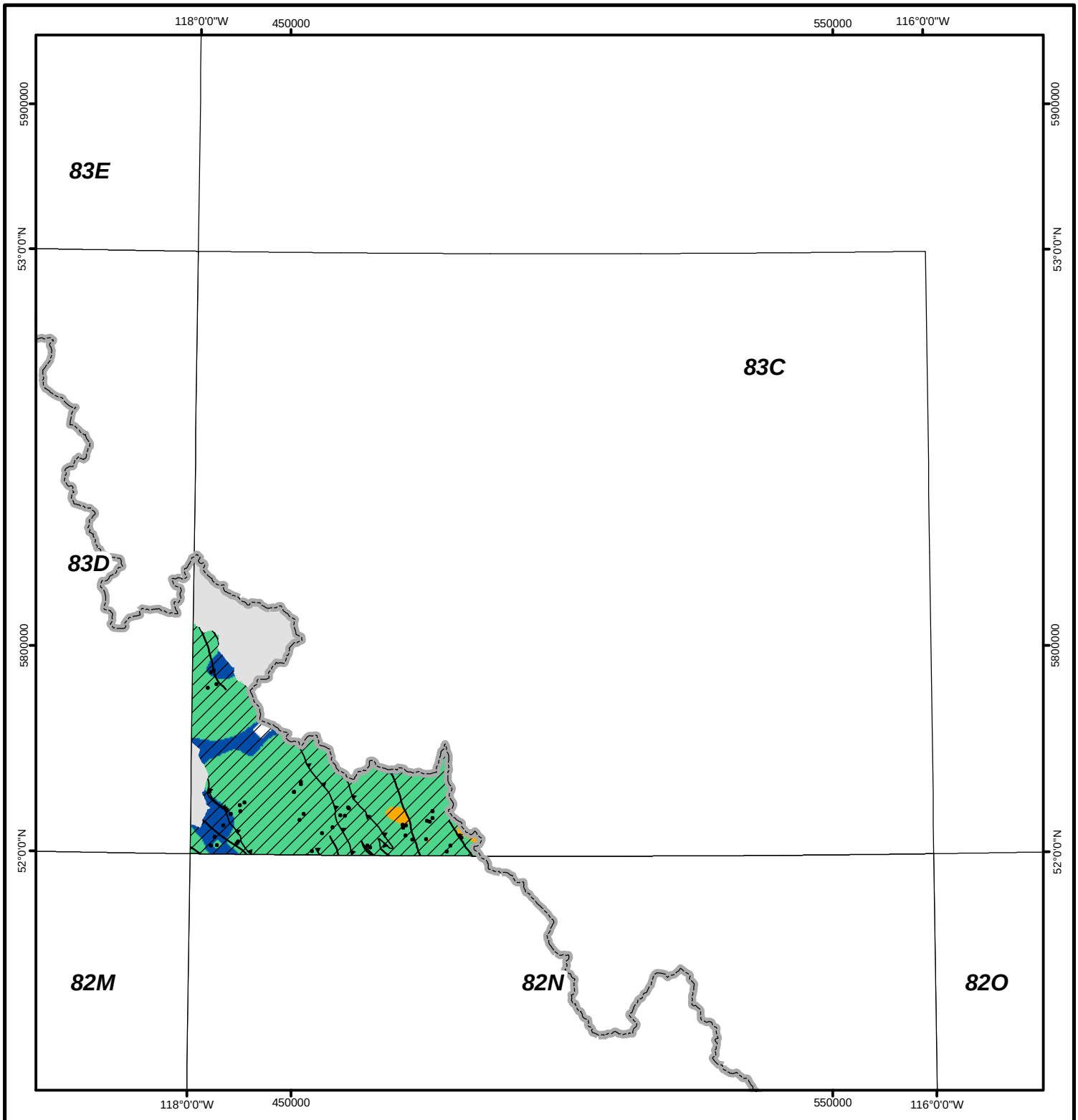
TERRANE MAP

Survey Area

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:2,000,000	Map No:	82N, 83C-E
Figure:	83C-02	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

pH

- > 8.81
- 8.13 - 8.81
- 7.45 - 8.13
- < 7.45

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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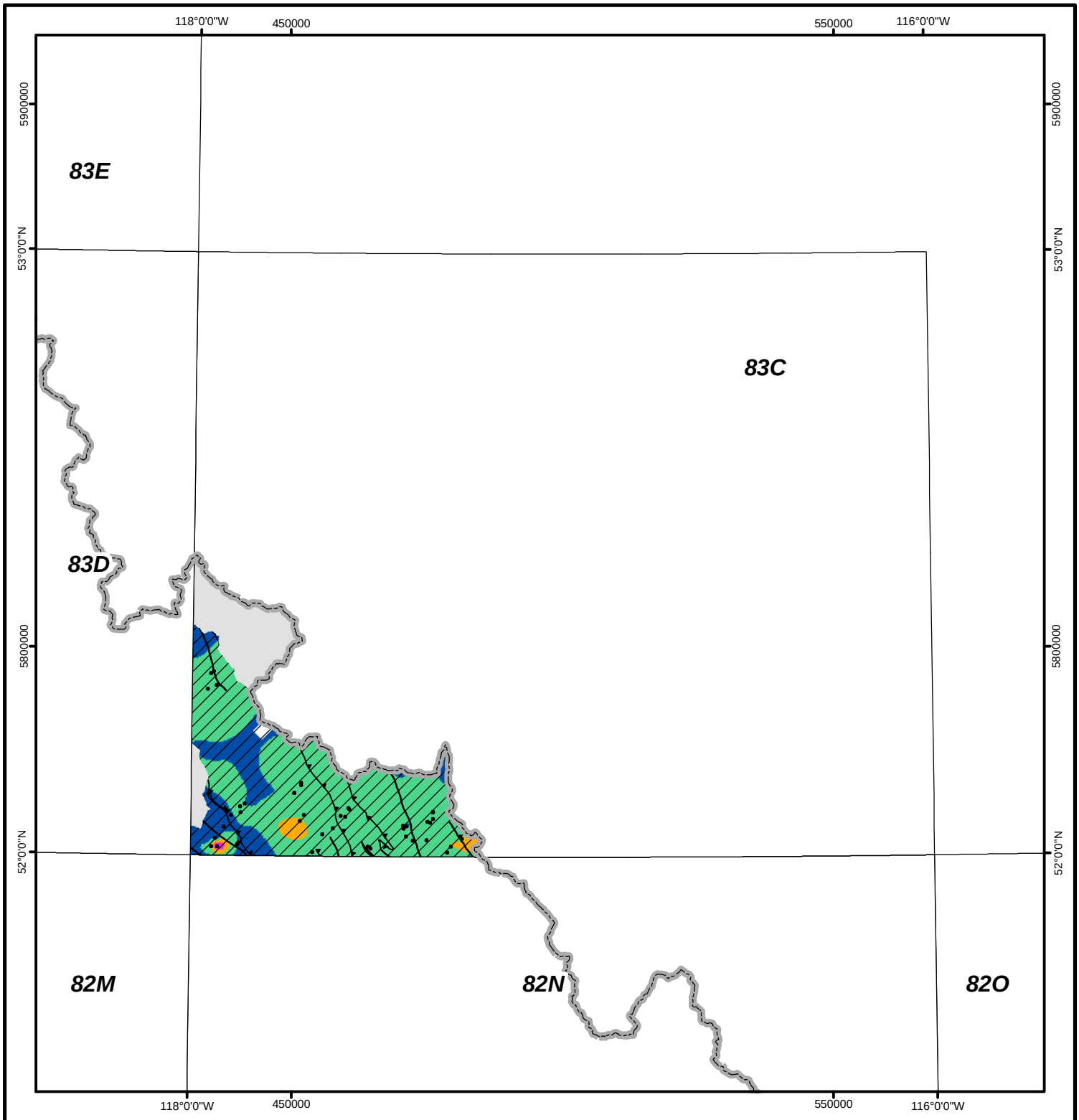
WATER GEOCHEMICAL PLAN MAP
Mapsheet 83C

pH

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-03	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

µS

- > 391.30
- 274.78 - 391.30
- 158.26 - 274.78
- < 158.26

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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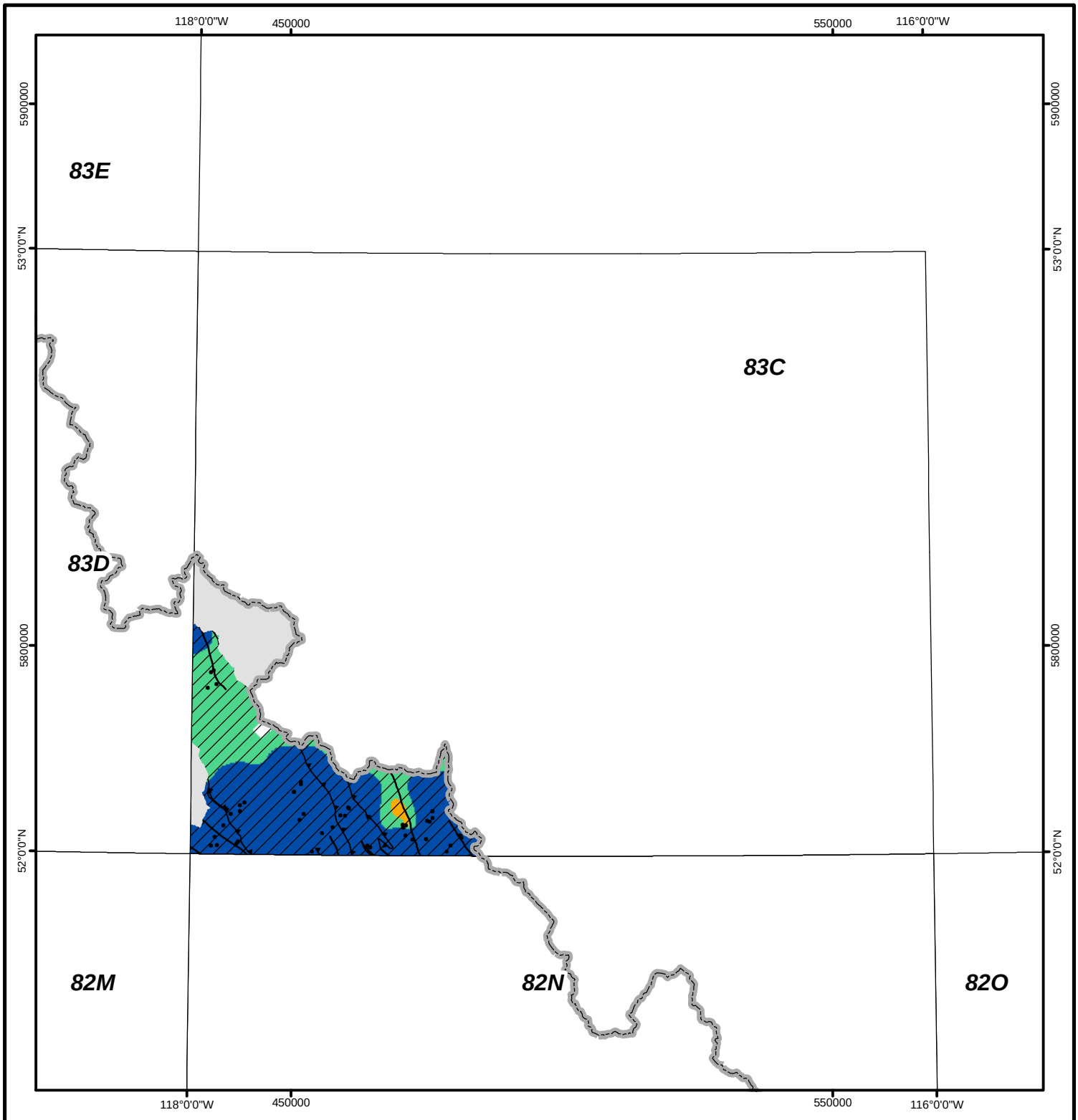
WATER GEOCHEMICAL PLAN MAP
Mapsheet 83C
Conductivity (µS)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-04	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

F (mg/L)

- > 0.10
- 0.07 - 0.10
- 0.04 - 0.07
- < 0.04

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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N

0 10 20 km

NAD83 UTM Zone 11N

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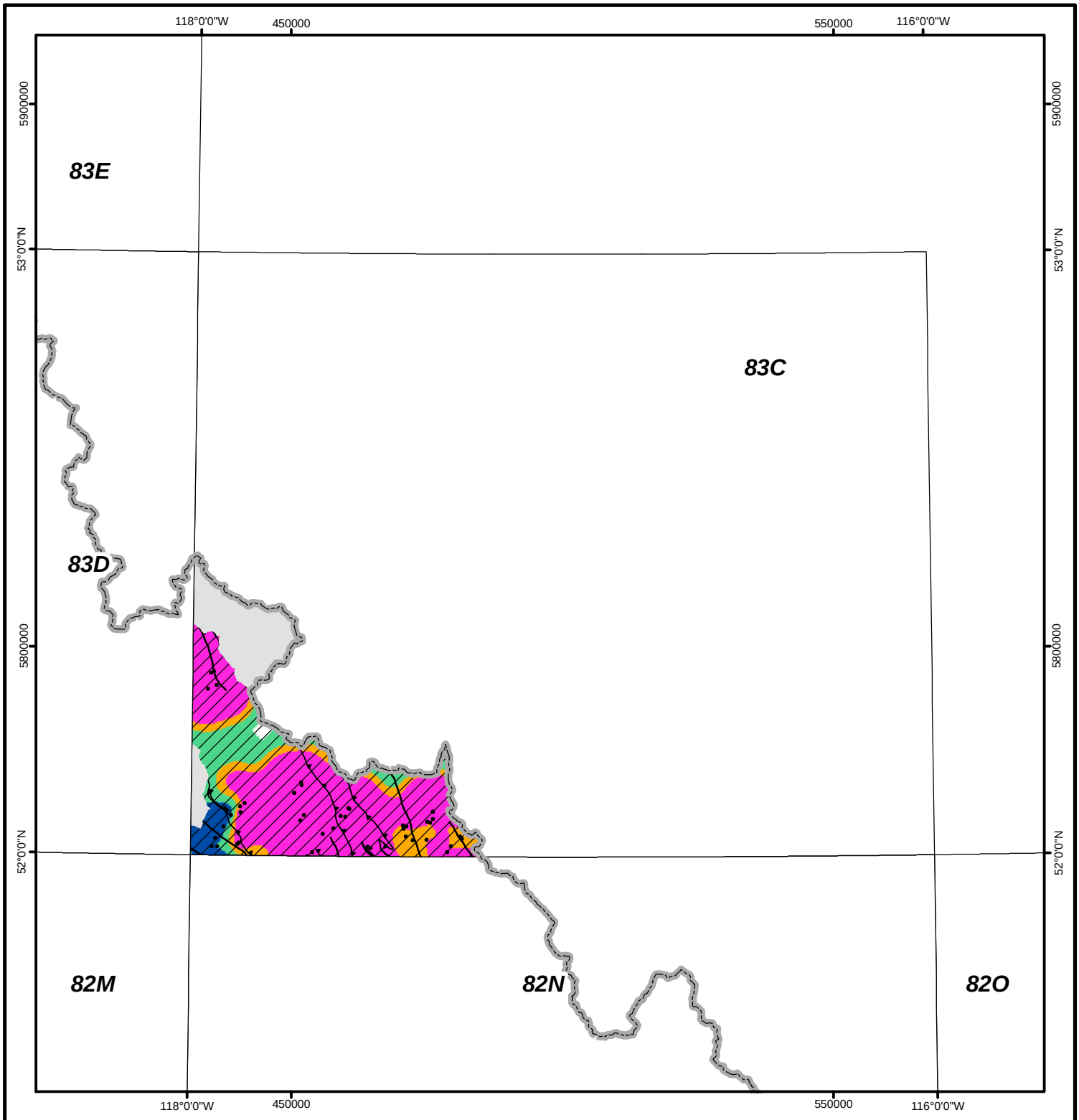
WATER GEOCHEMICAL PLAN MAP
Mapsheet 83C
F (mg/L)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-05	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

LOI (%)

- > 20.2
- 14.1 - 20.2
- 8.0 - 14.1
- < 8.0

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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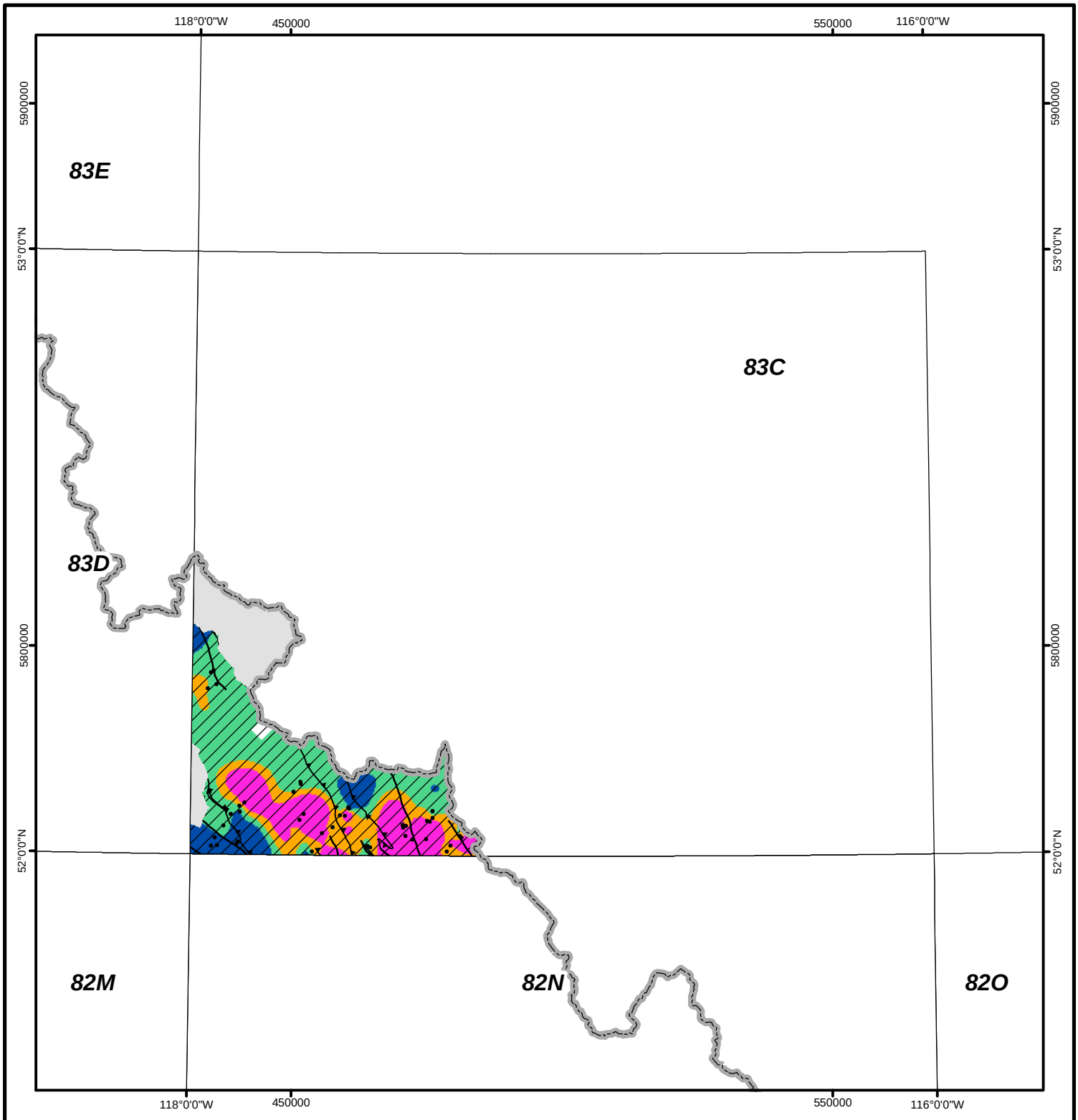
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

Loss on Ignition (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-06	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

F (ppm)

- > 789
- 637 - 789
- 485 - 637
- < 485

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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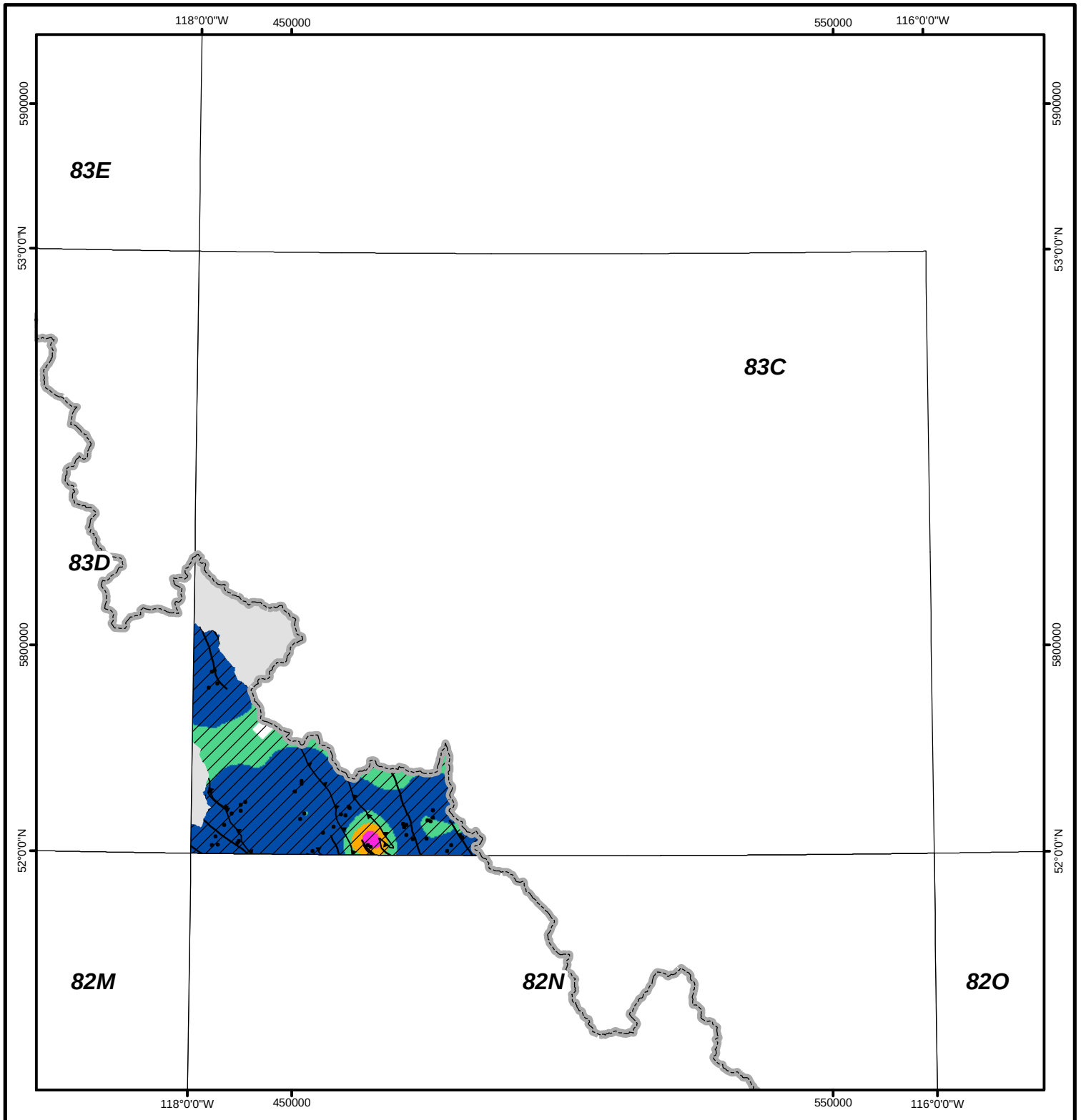
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

F (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-07	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Mo (ppm)

- > 1.68
- 1.14 - 1.68
- 0.60 - 1.14
- < 0.60

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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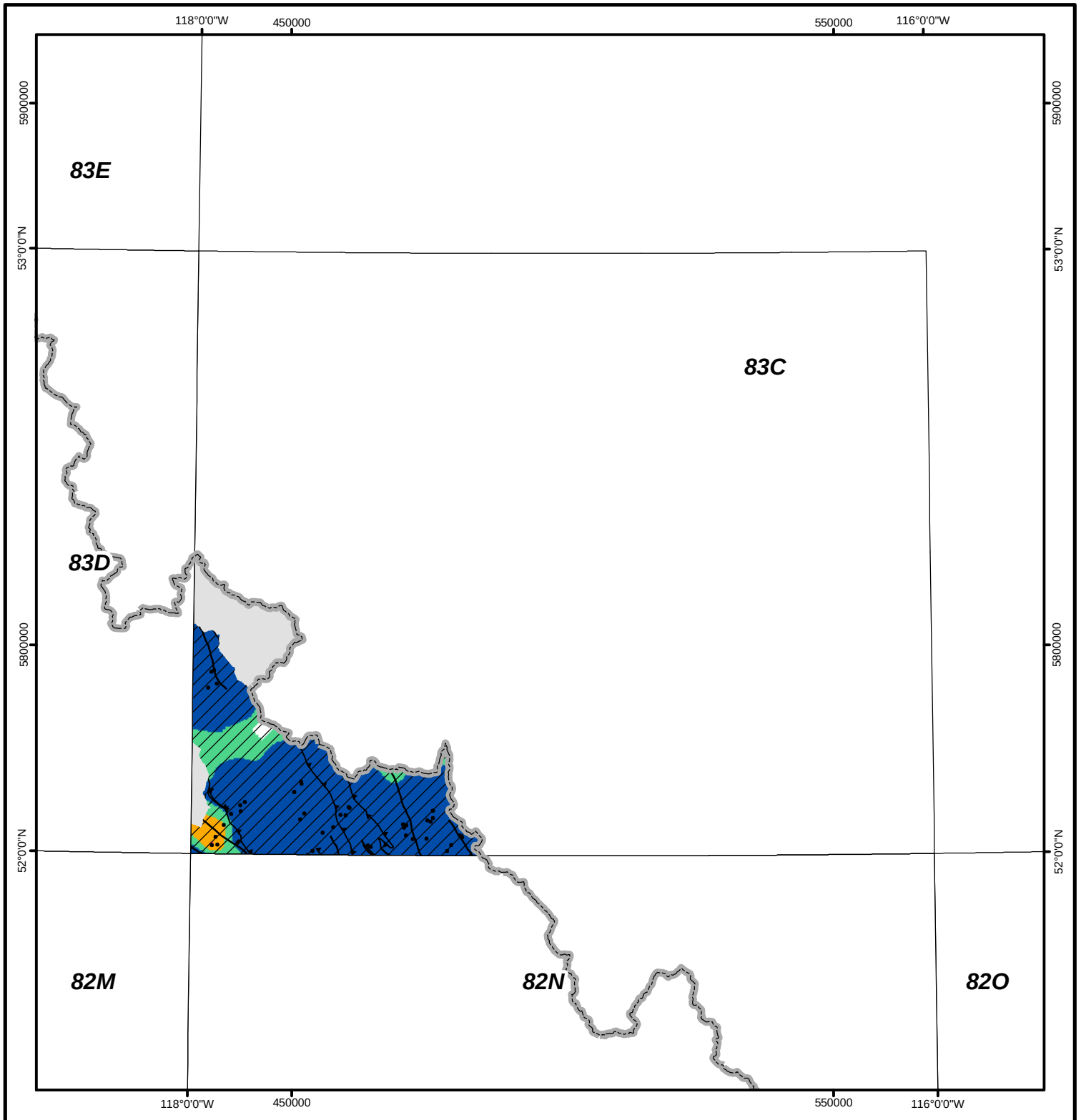
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

ICPMS: Mo (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-08	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Cu (ppm)

- > 52.69
- 39.32 - 52.69
- 25.95 - 39.32
- < 25.95

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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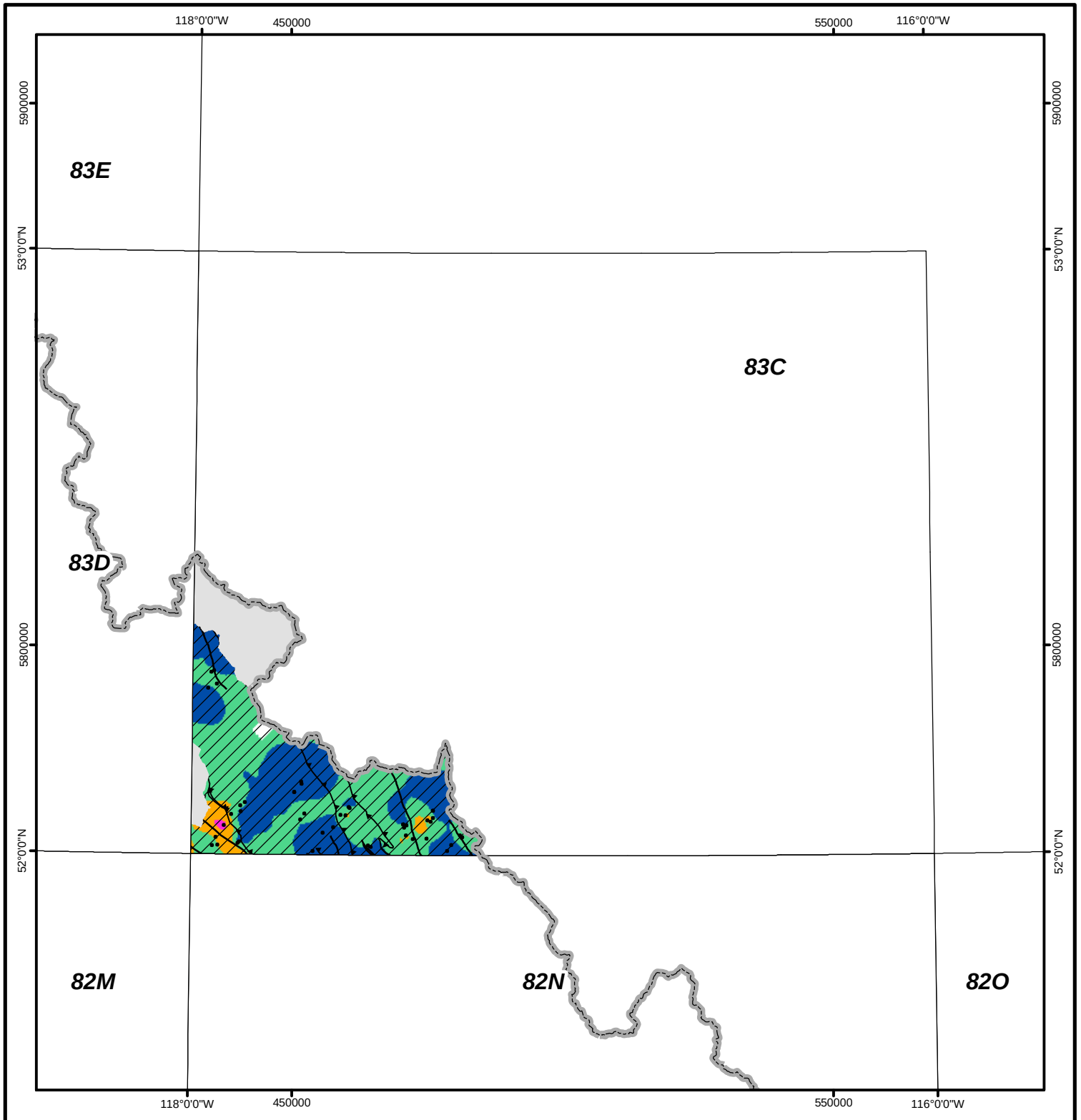
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

ICPMS: Cu (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-09	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Pb (ppm)

- > 22.88
- 16.59 - 22.88
- 10.30 - 16.59
- < 10.30

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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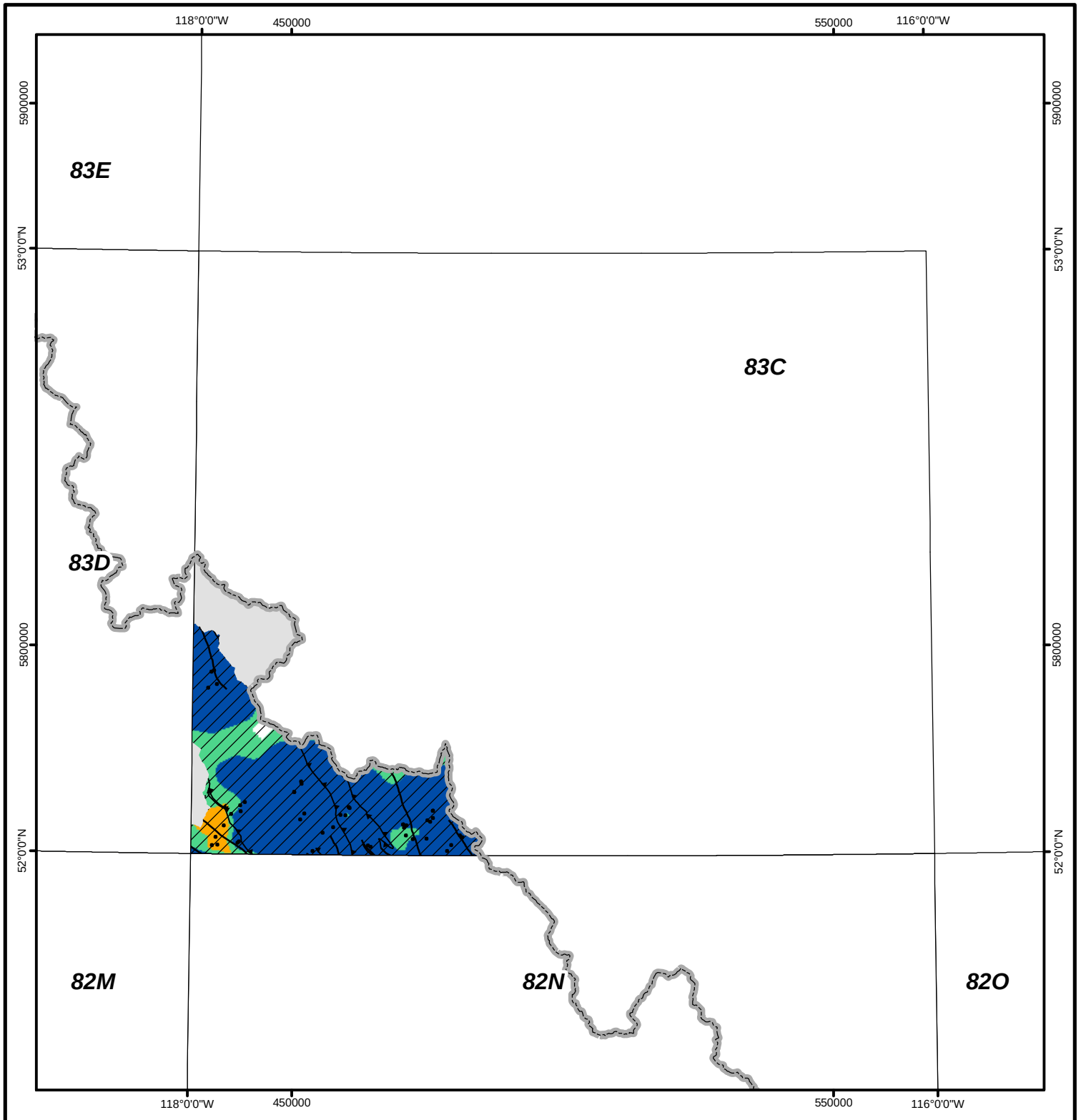
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

ICPMS: Pb (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-10	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Zn (ppm)

- > 102.0
- 78.5 - 102.0
- 55.0 - 78.5
- < 55.0

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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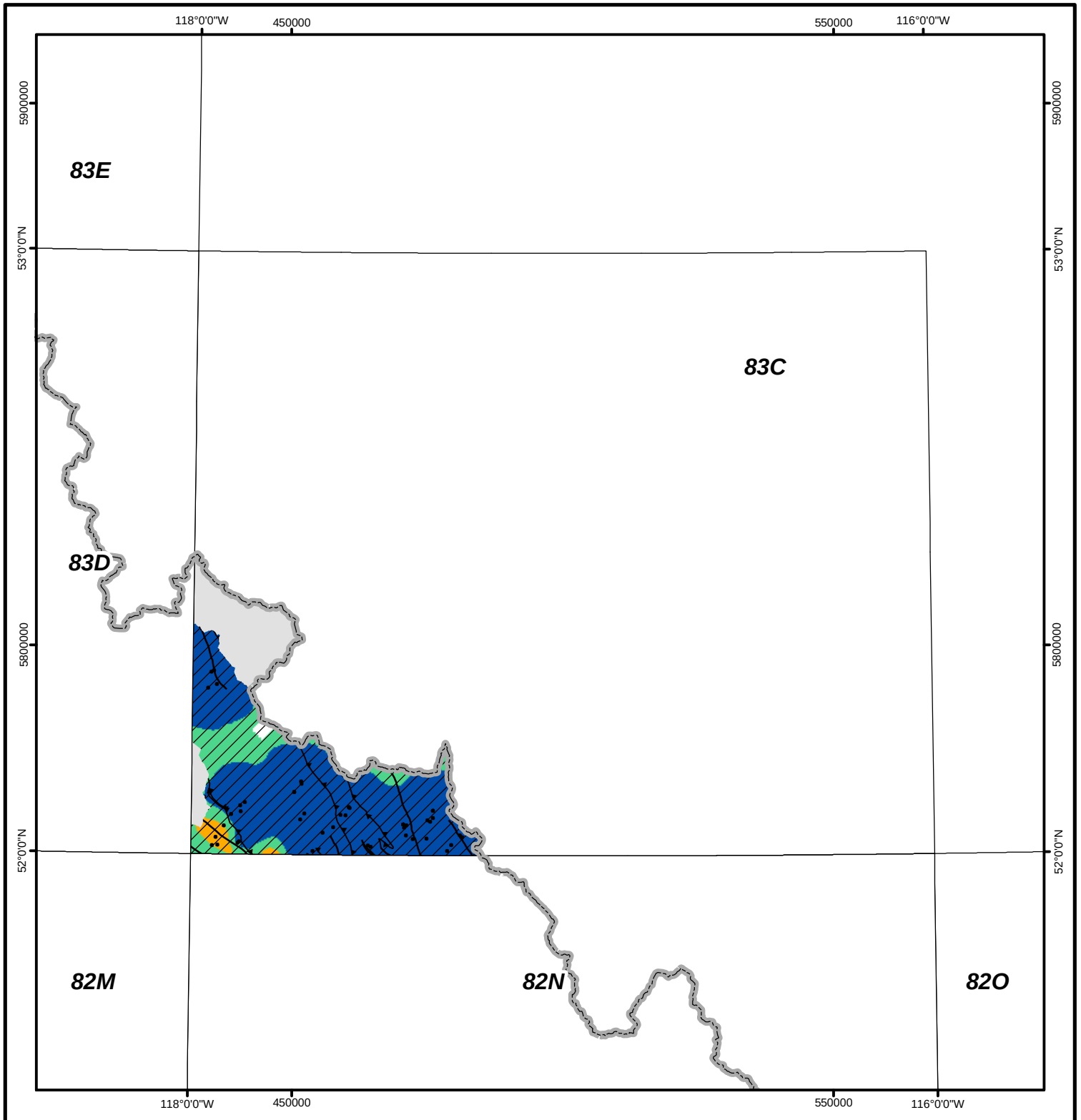
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

ICPMS: Zn (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-11	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ag (ppb)

- > 98
- 70 - 98
- 42 - 70
- < 42

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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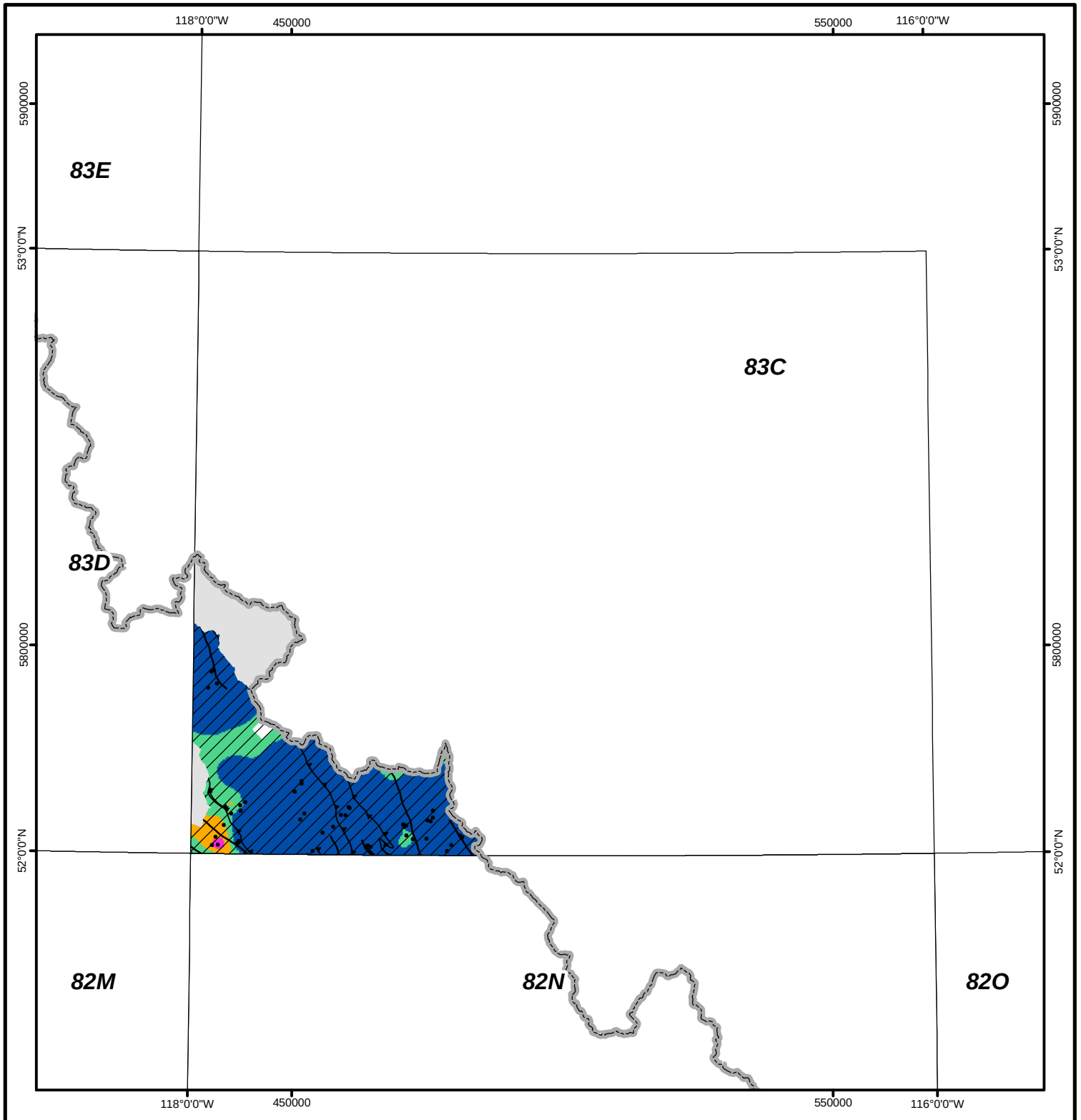
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

ICPMS: Ag (ppb)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-12	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ni (ppm)

- > 52
- 40 - 52
- 28 - 40
- < 28

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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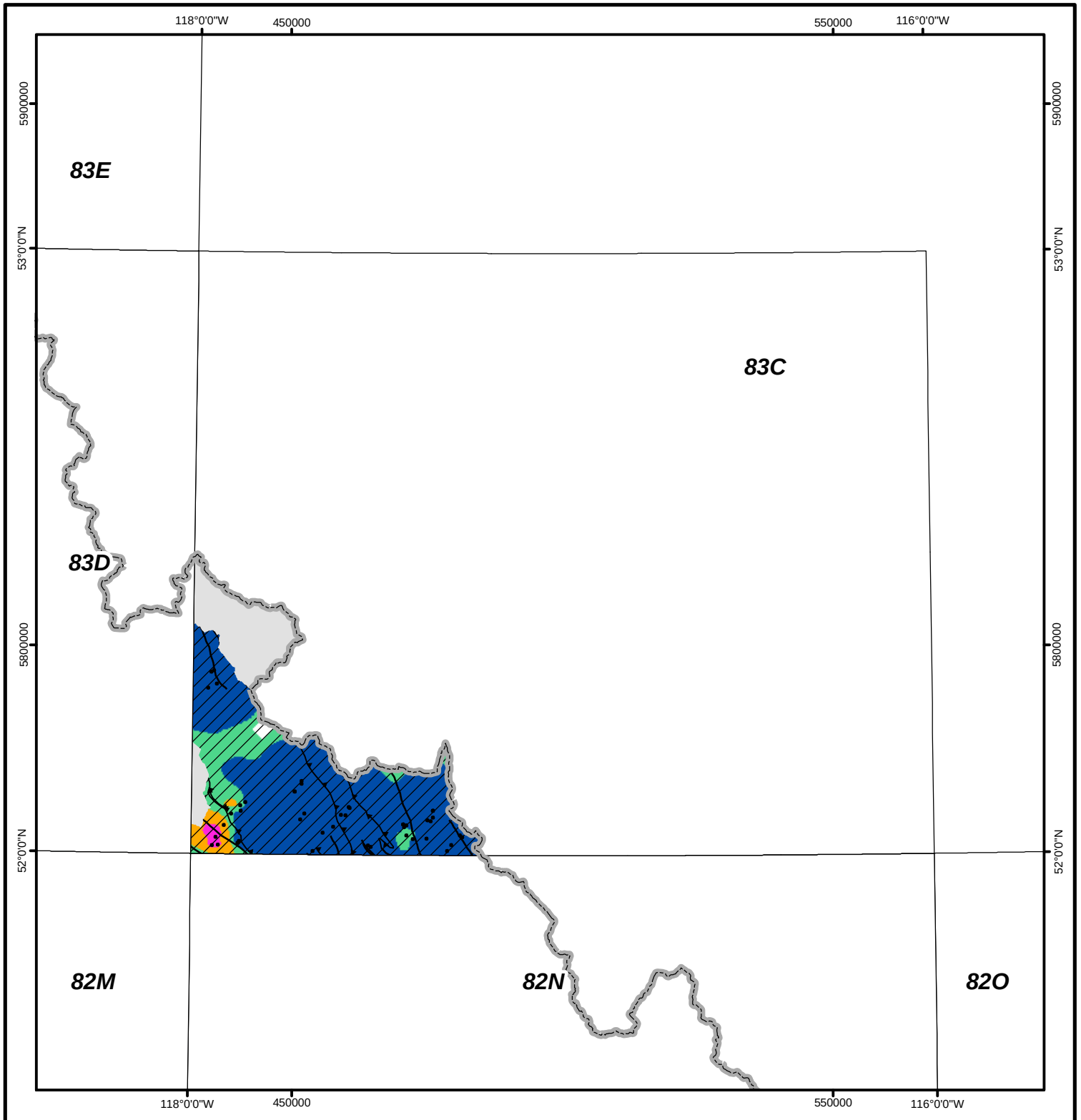
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

ICPMS: Ni (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-13	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Co (ppm)

- > 22.7
- 17.7 - 22.7
- 12.7 - 17.7
- < 12.7

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
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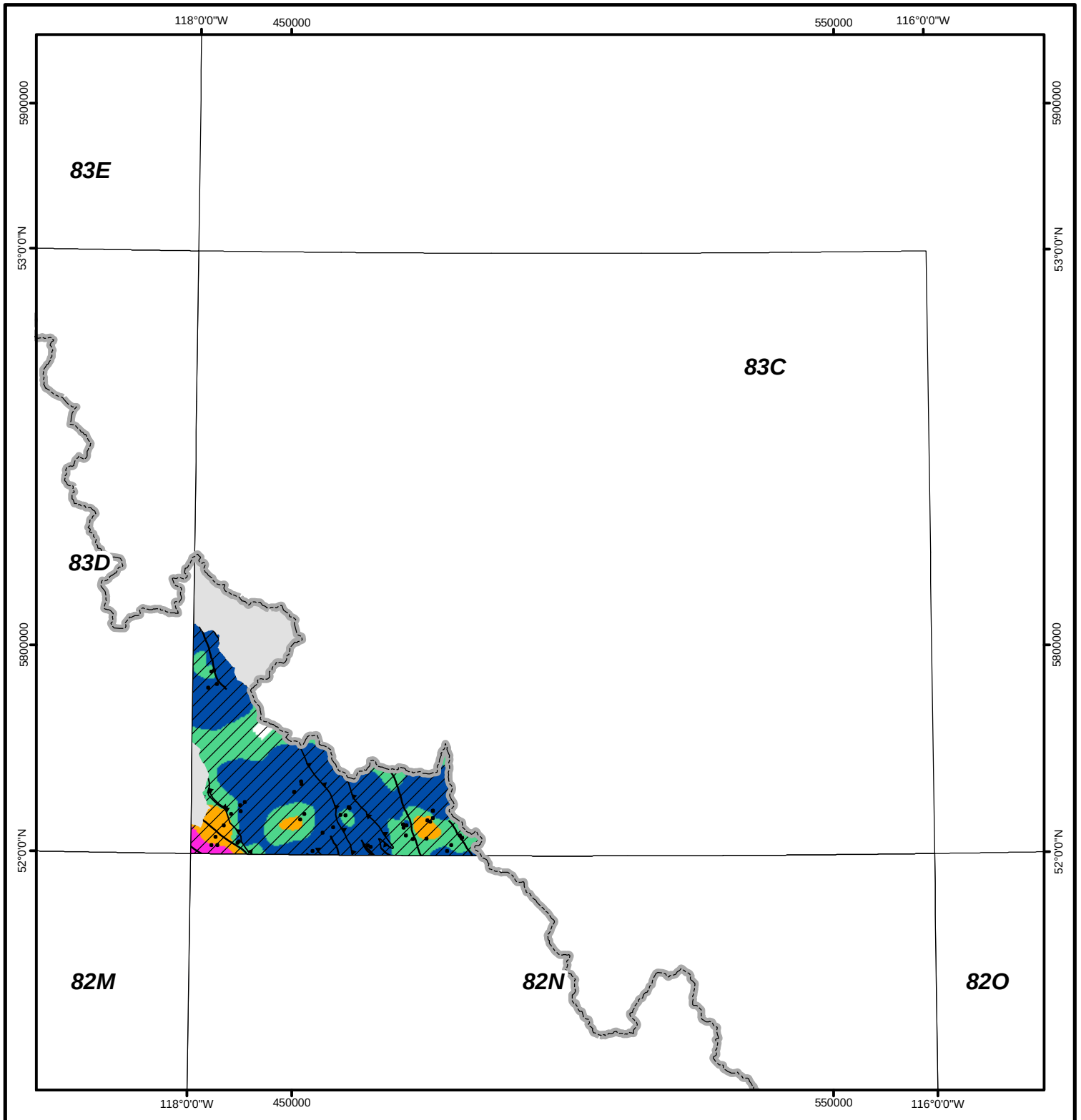
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

ICPMS: Co (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-14	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Mn (ppm)

- > 763
- 585 - 763
- 407 - 585
- < 407

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

GEOSCIENCE BC

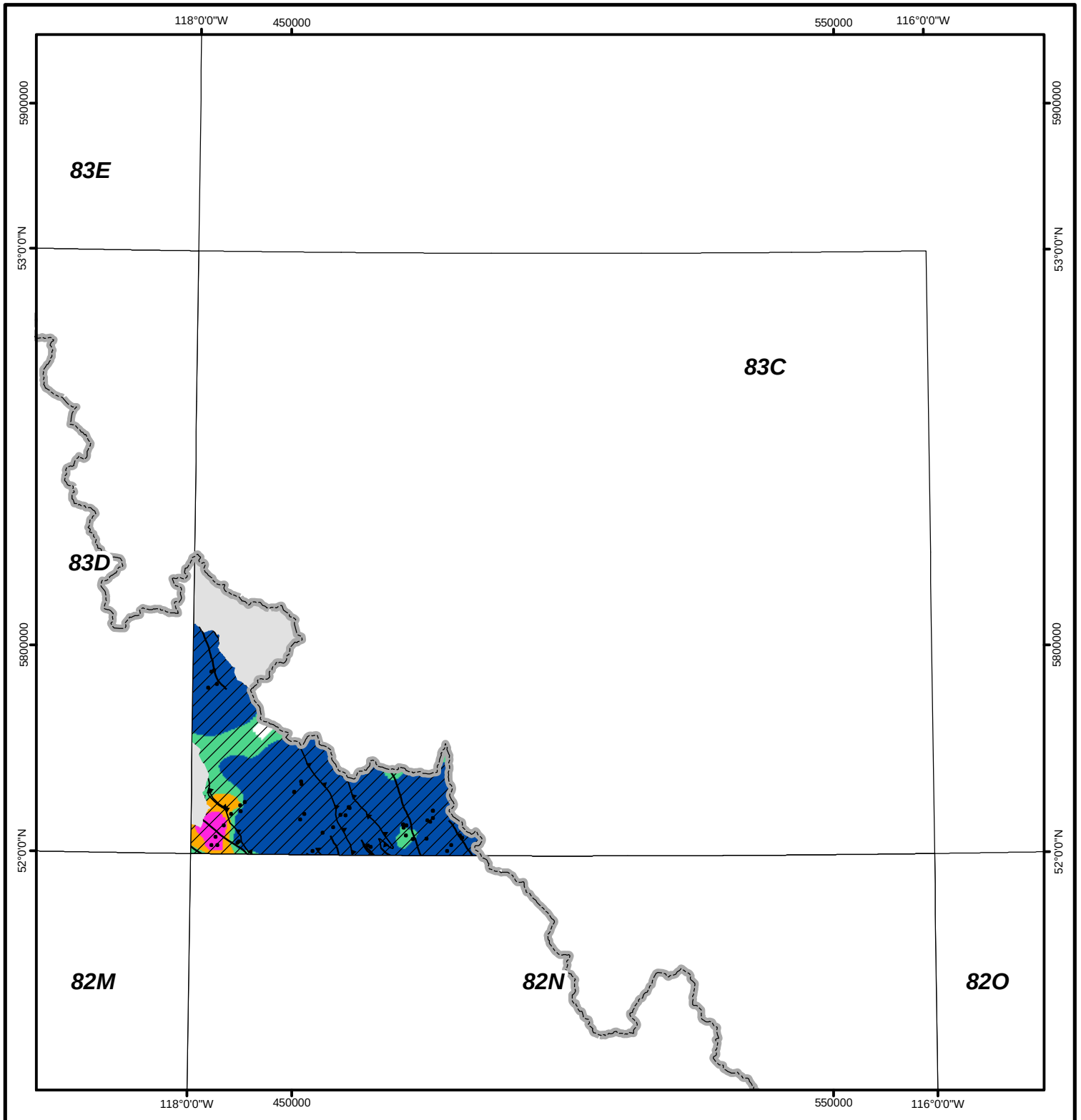
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

ICPMS: Mn (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-15	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Fe (%)

- > 4.14
- 3.30 - 4.14
- 2.46 - 3.30
- < 2.46

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

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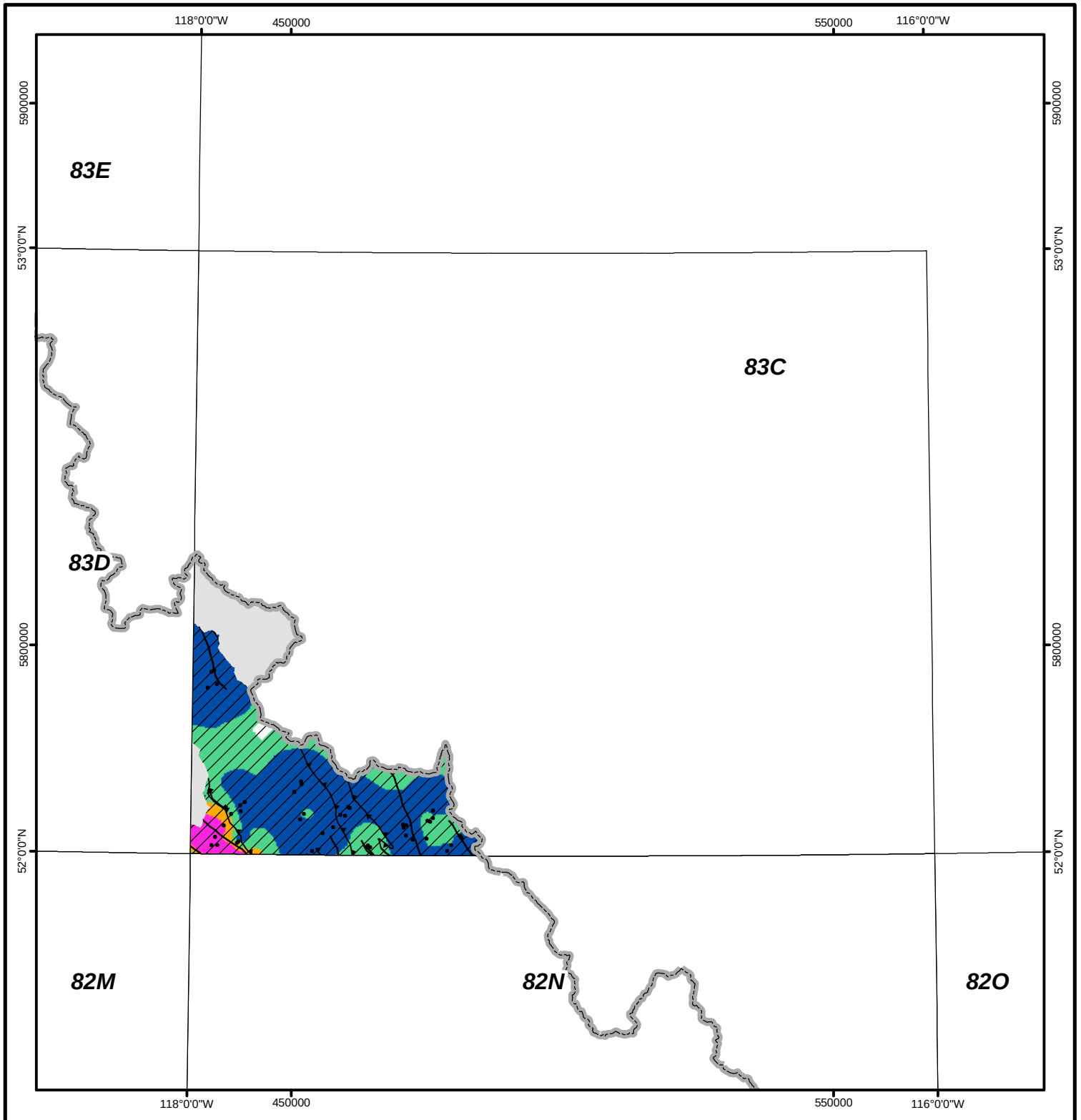
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

ICPMS: Fe (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-16	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

As (ppm)

- > 12.9
- 8.4 - 12.9
- 3.9 - 8.4
- < 3.9

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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N

0 10 20 km

NAD83 UTM Zone 11N

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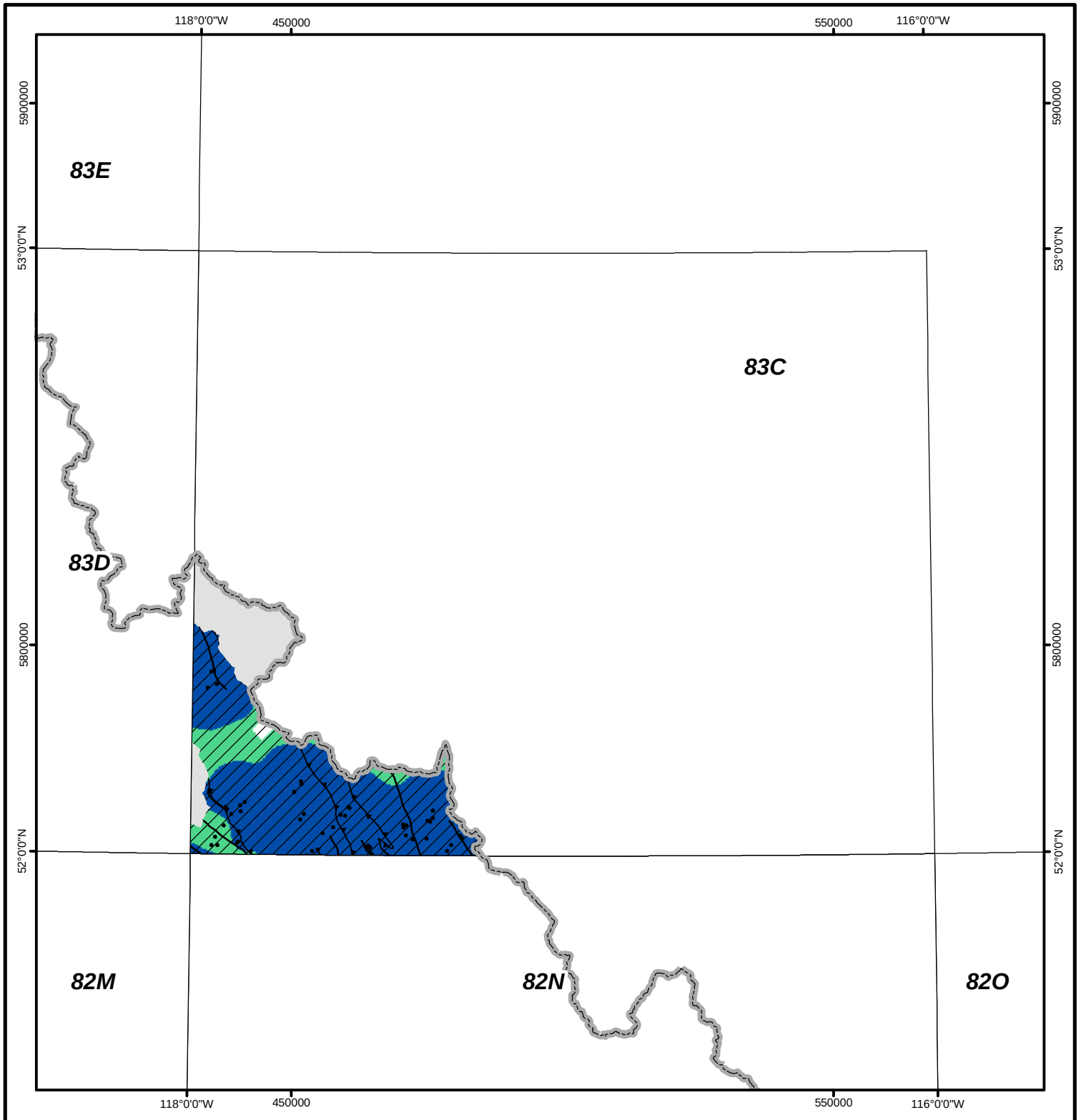
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

ICPMS: As (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-17	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

U (ppm)

- > 5.7
- 3.9 - 5.7
- 2.1 - 3.9
- < 2.1

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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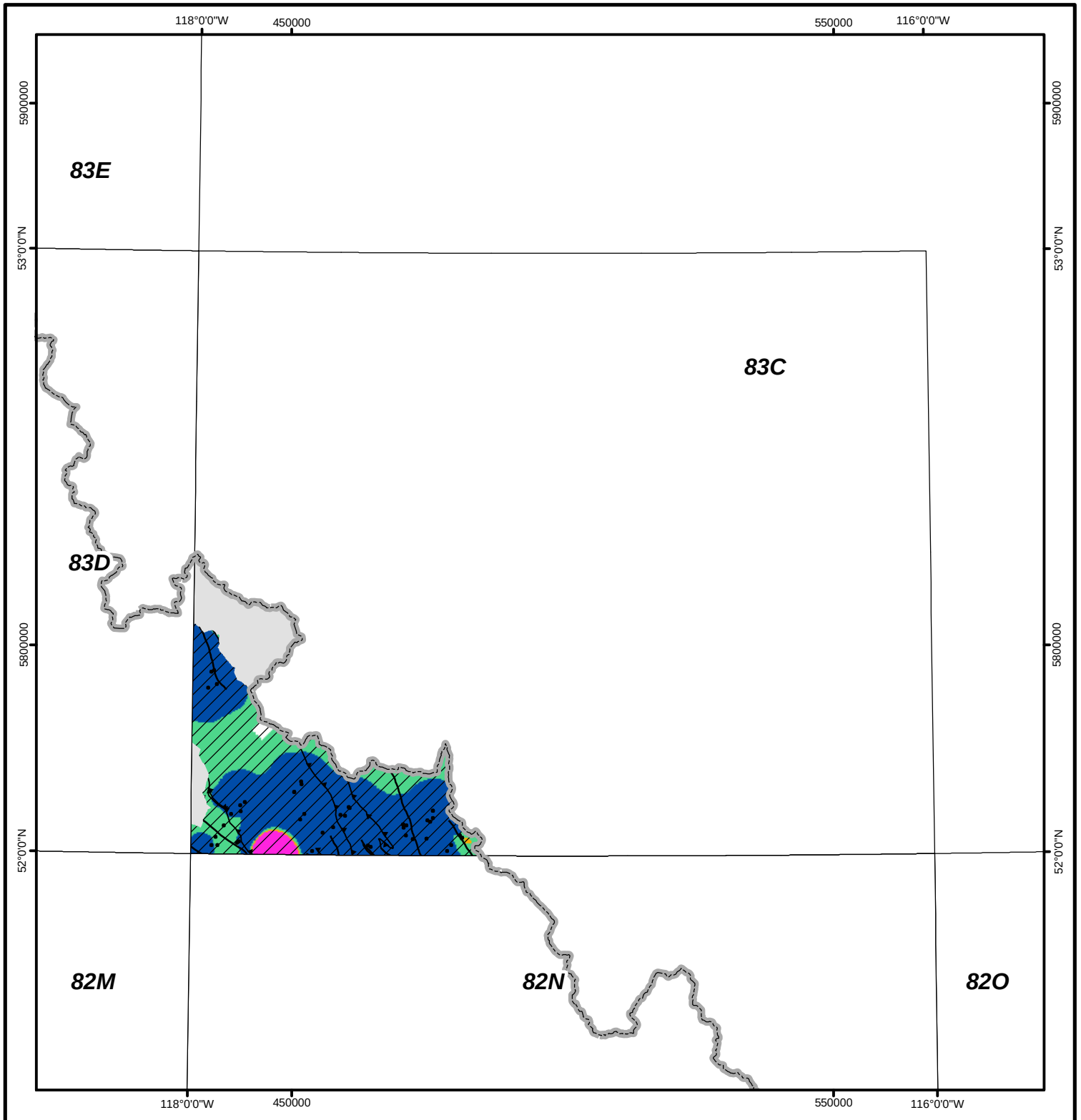
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

ICPMS: U (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-18	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Au (ppb)

- > 8.4
- 4.9 - 8.4
- 1.4 - 4.9
- < 1.4

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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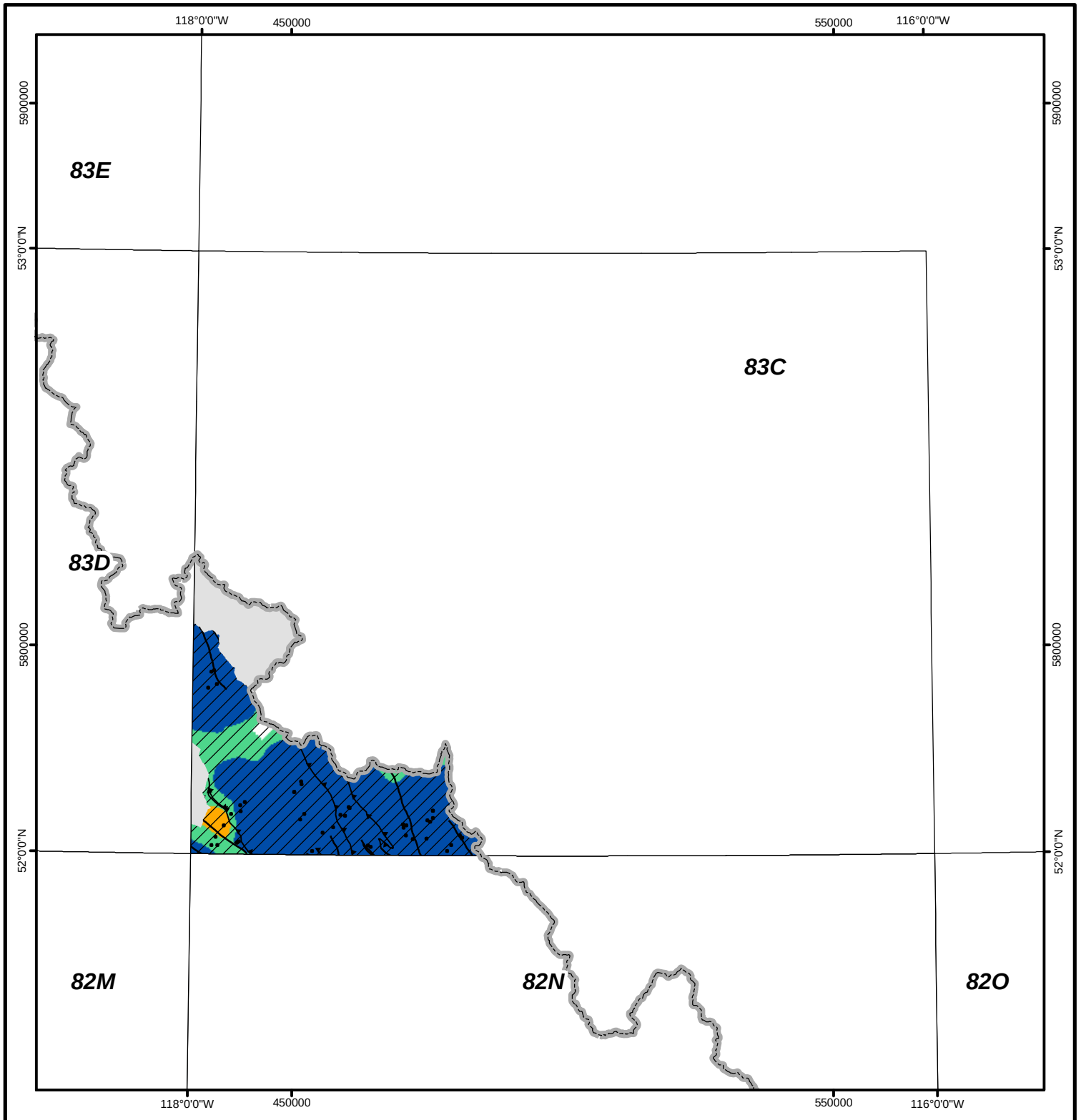
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

ICPMS: Au (ppb)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-19	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Th (ppm)

- > 15.8
- 11.7 - 15.8
- 7.6 - 11.7
- < 7.6

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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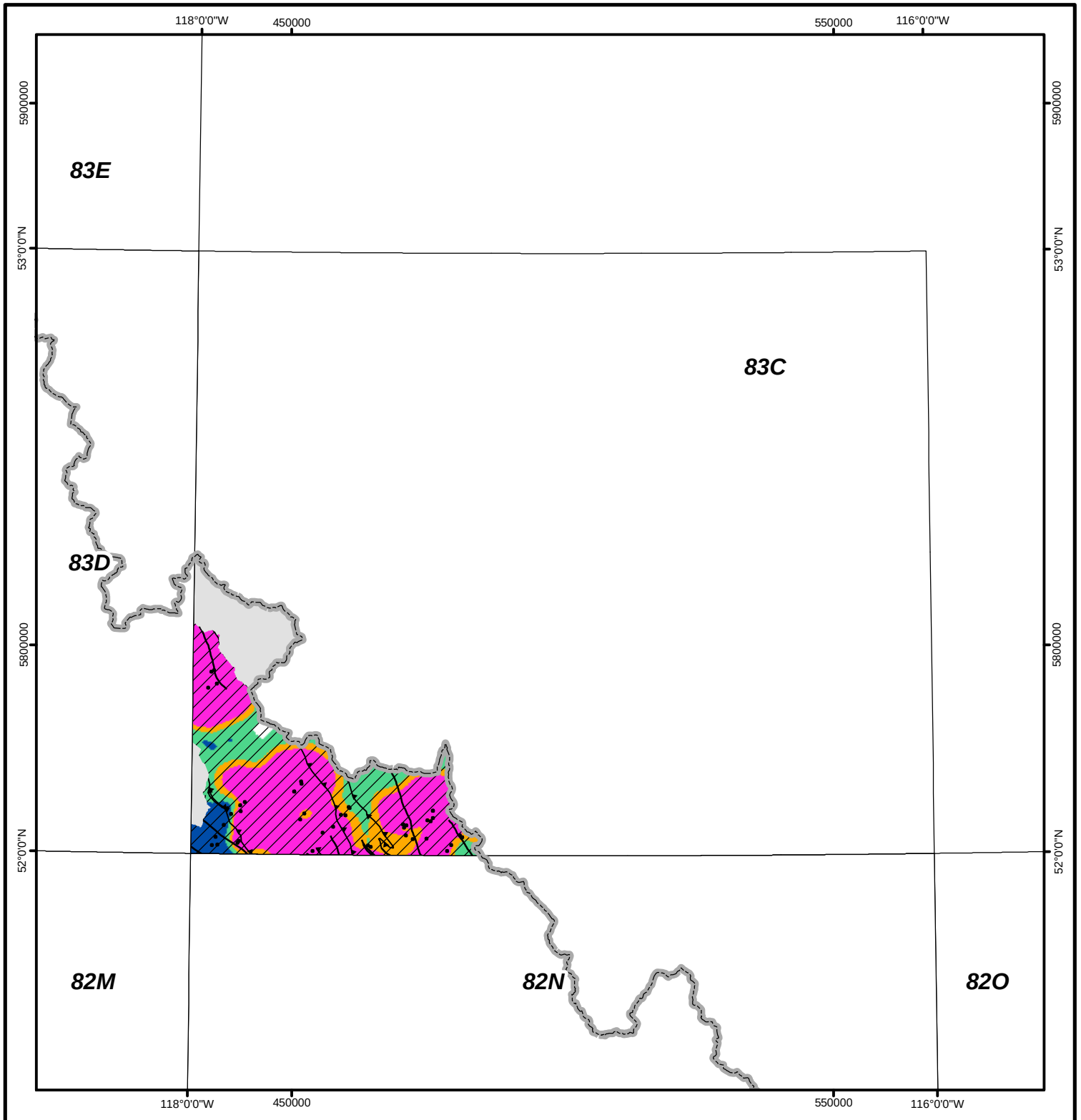
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

ICPMS: Th (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-20	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Sr (ppm)

- > 199.5
- 127.4 - 199.5
- 55.3 - 127.4
- < 55.3

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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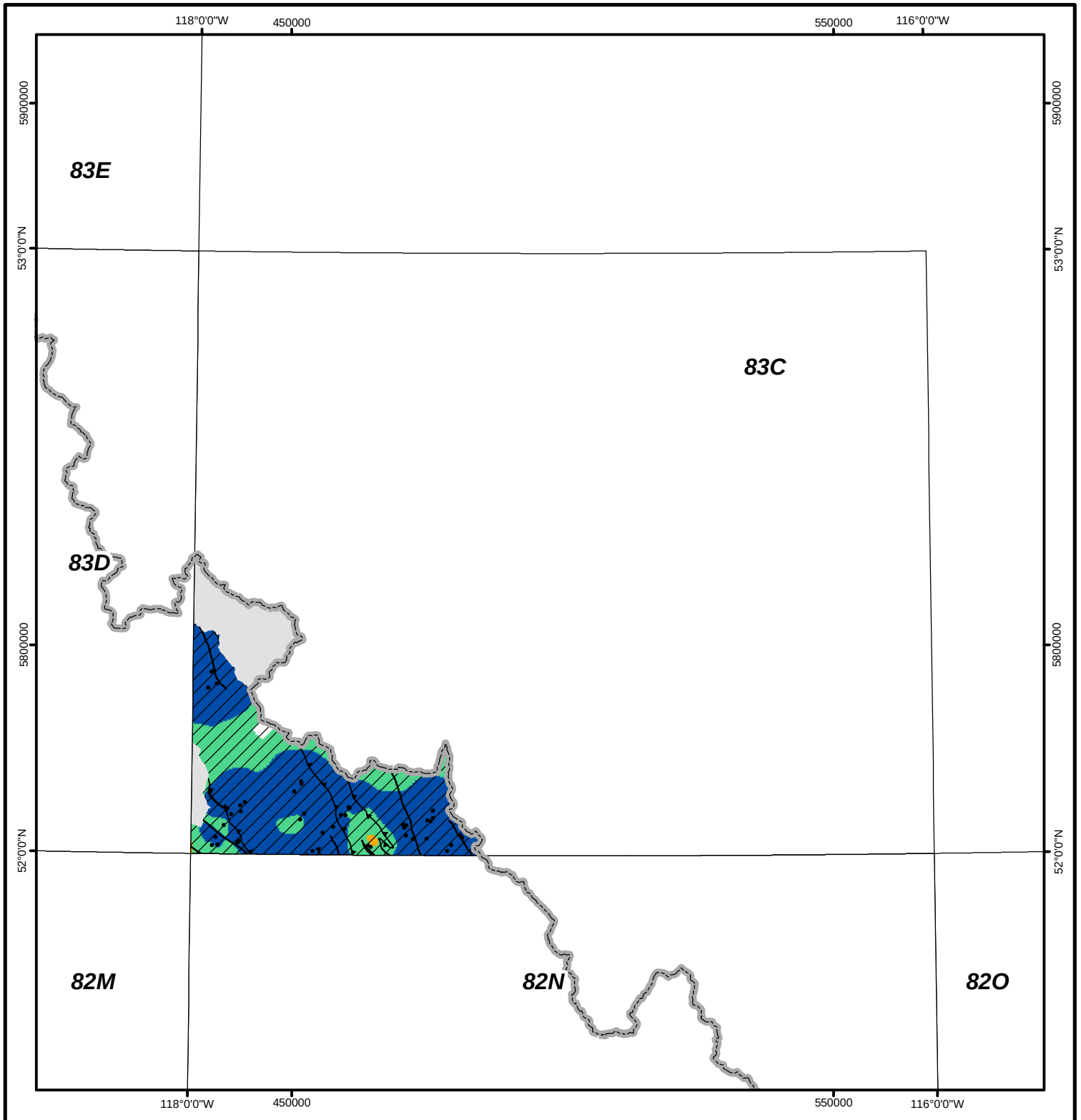
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

ICPMS: Sr (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-21	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Cd (ppm)

- > 0.24
- 0.16 - 0.24
- 0.08 - 0.16
- < 0.08

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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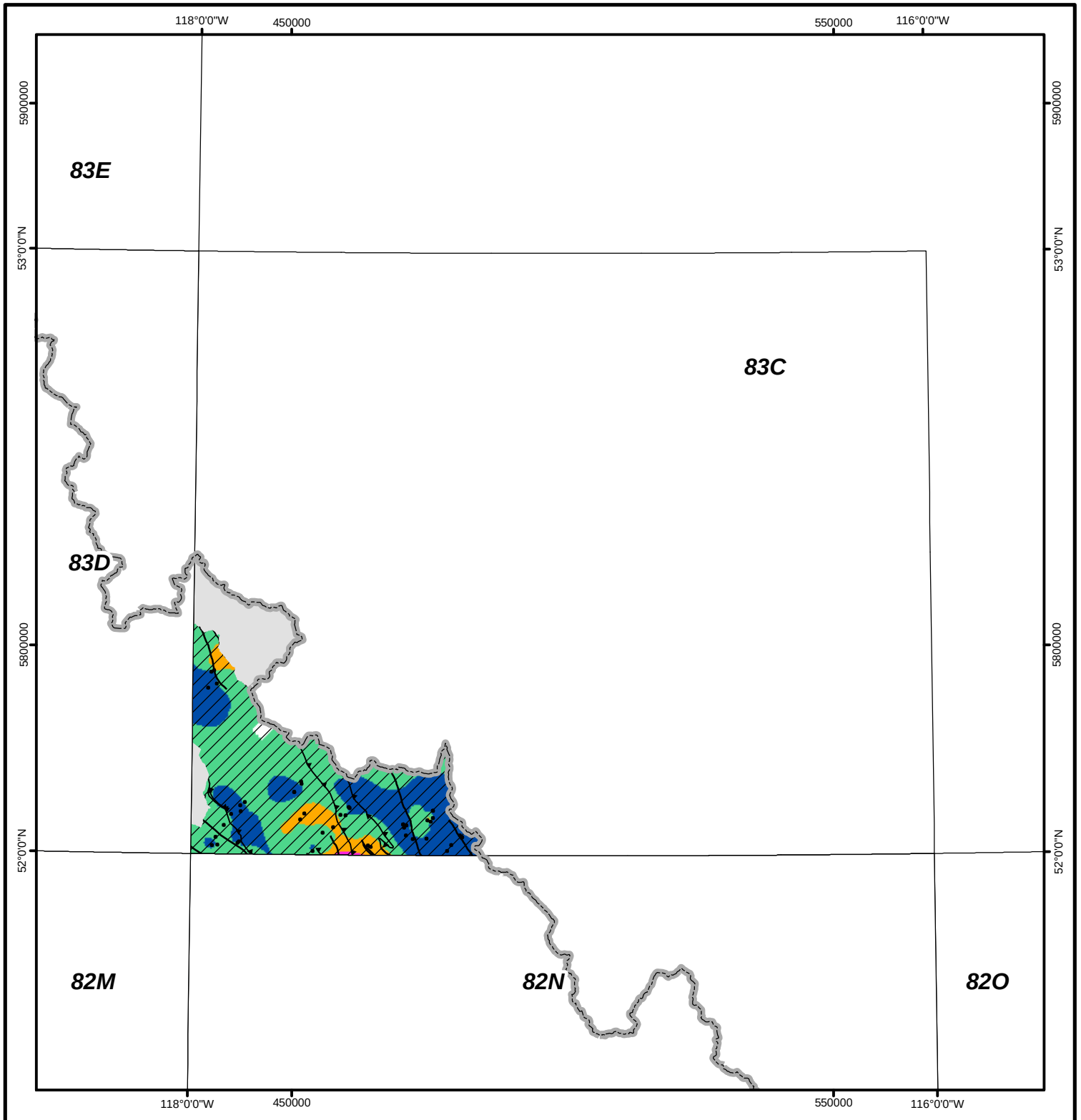
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

ICPMS: Cd (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-22	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Sb (ppm)

- > 0.48
- 0.31 - 0.48
- 0.14 - 0.31
- < 0.14

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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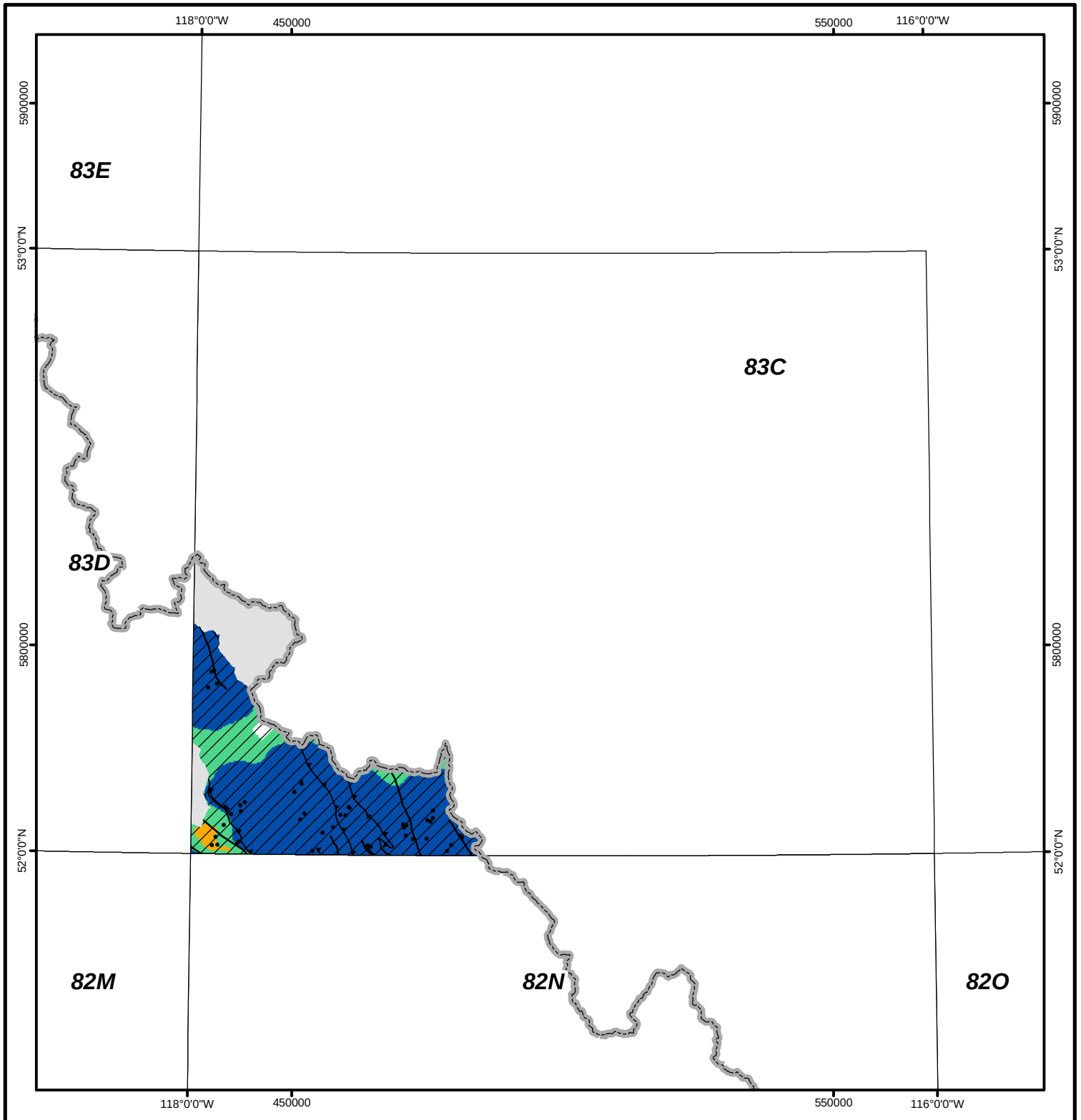
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

ICPMS: Sb (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-23	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Bi (ppm)

- > 0.56
- 0.41 - 0.56
- 0.26 - 0.41
- < 0.26

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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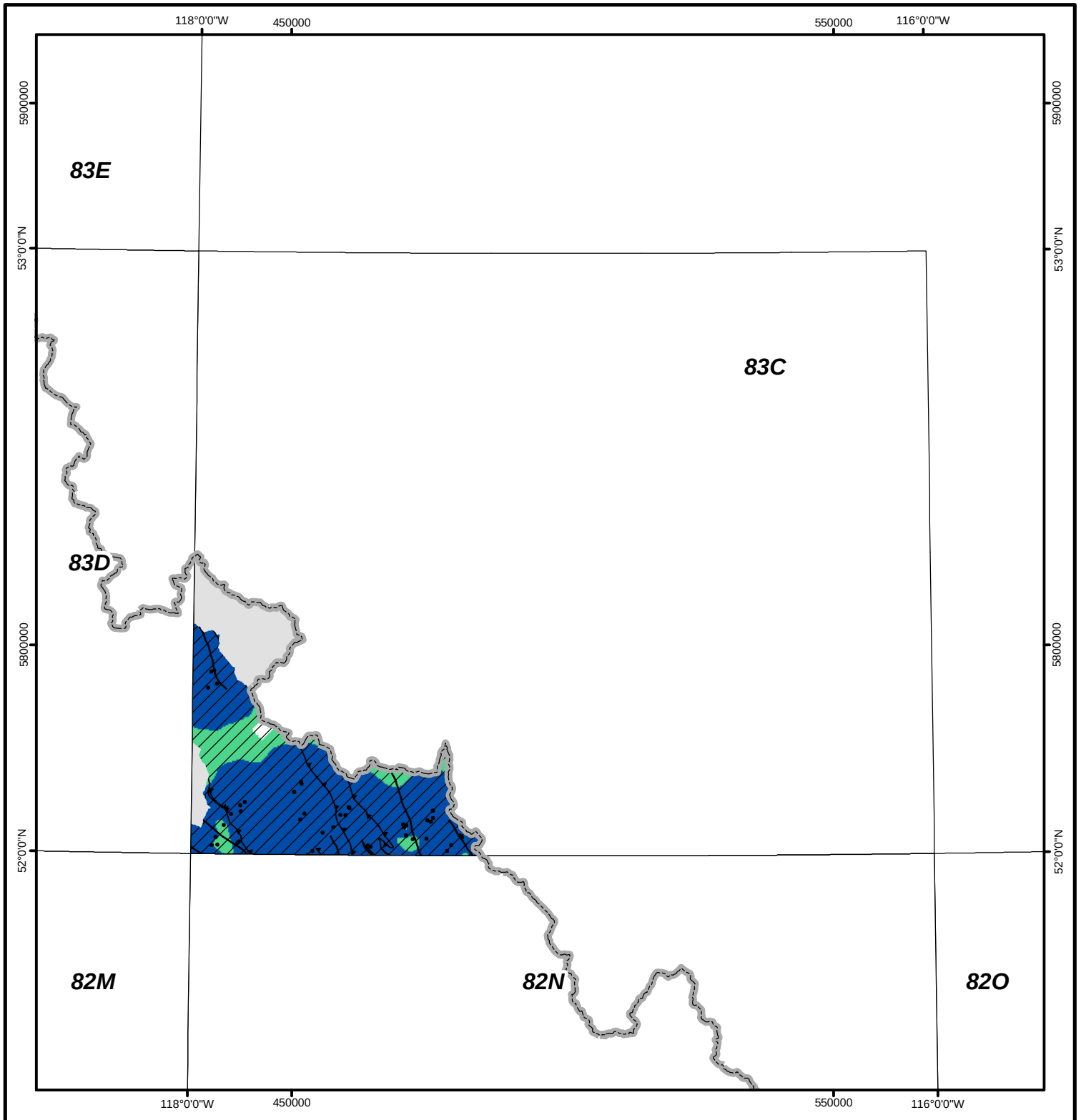
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

ICPMS: Bi (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-24	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

V (ppm)

- > 37
- 26 - 37
- 15 - 26
- < 15

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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N

0 10 20 km

NAD83 UTM Zone 11N

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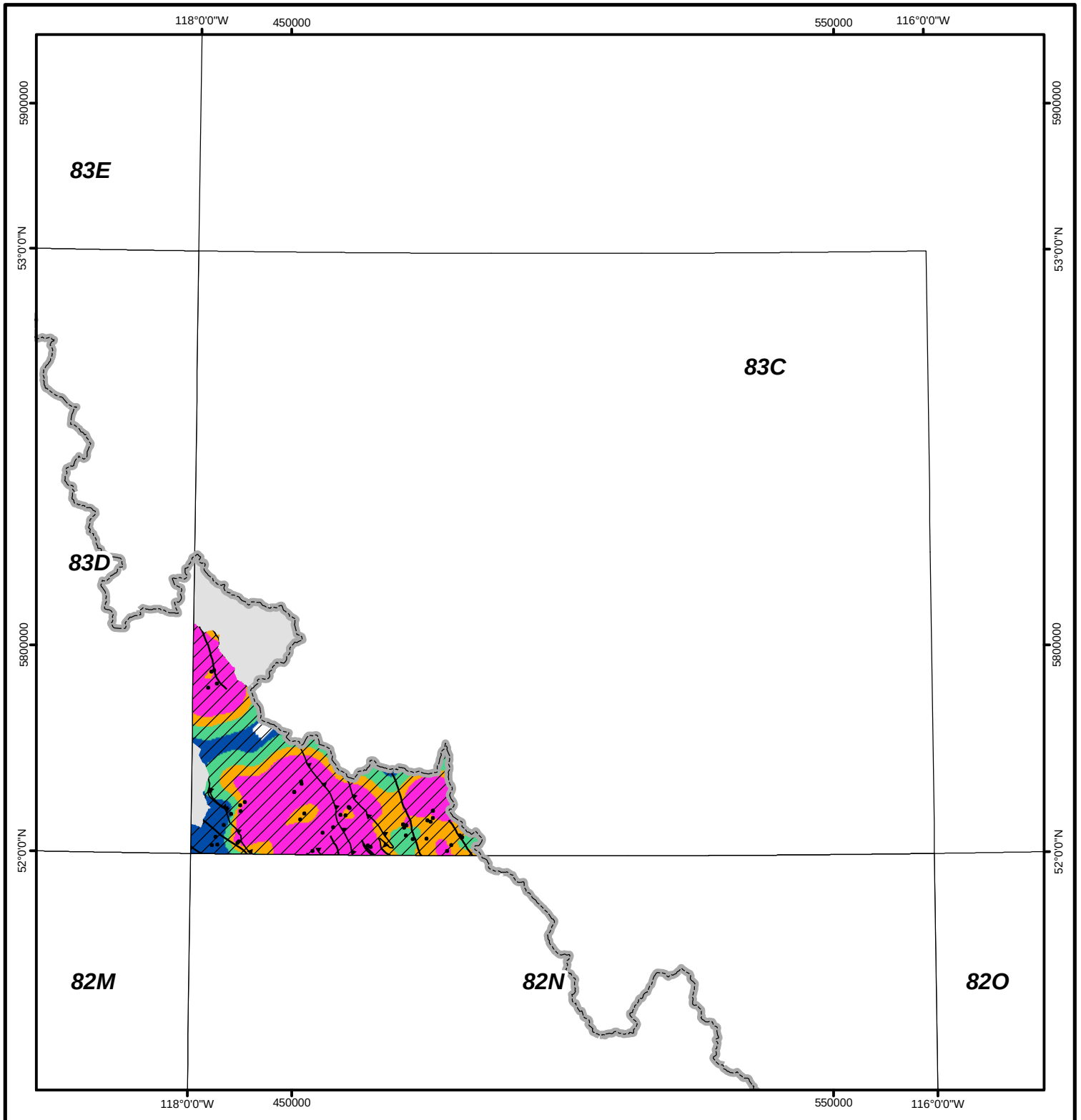
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

ICPMS: V (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-25	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ca (%)

- > 9.68
- 5.92 - 9.68
- 2.16 - 5.92
- < 2.16

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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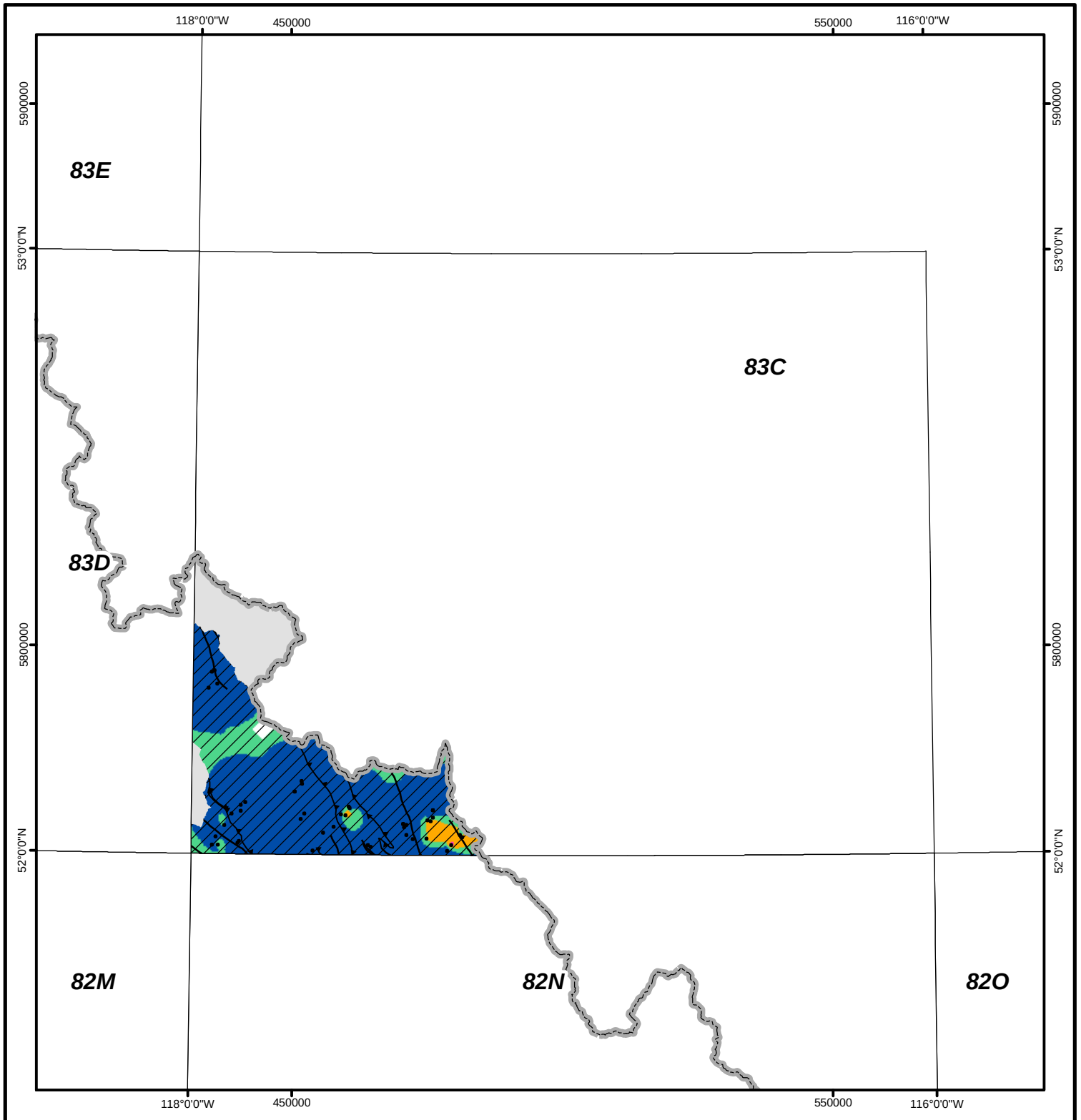
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

ICPMS: Ca (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-26	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

P (%)

- > 0.14
- 0.11 - 0.14
- 0.08 - 0.11
- < 0.08

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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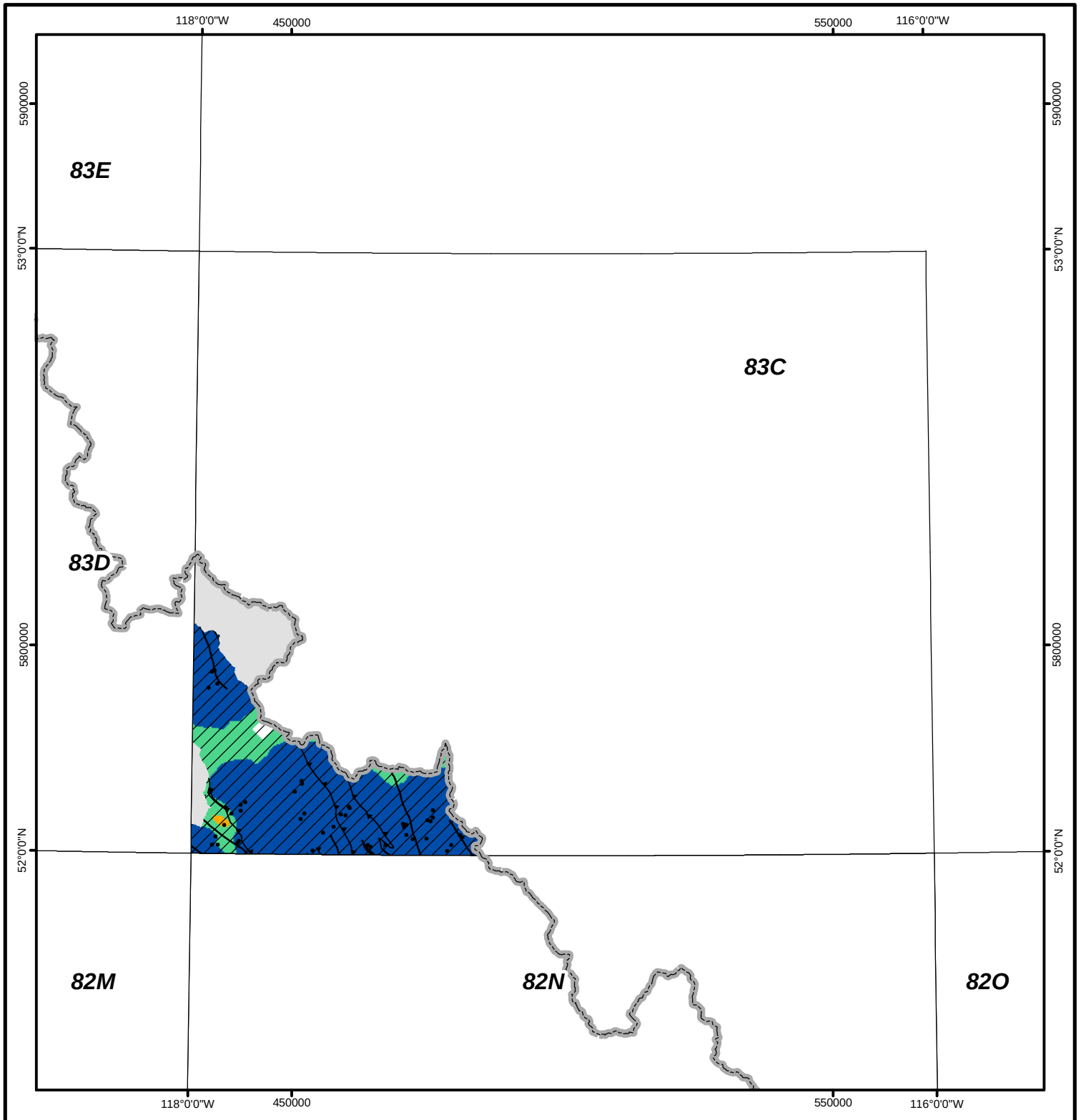
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

ICPMS: P (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-27	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

La (ppm)

- > 44.1
- 31.8 - 44.1
- 19.5 - 31.8
- < 19.5

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
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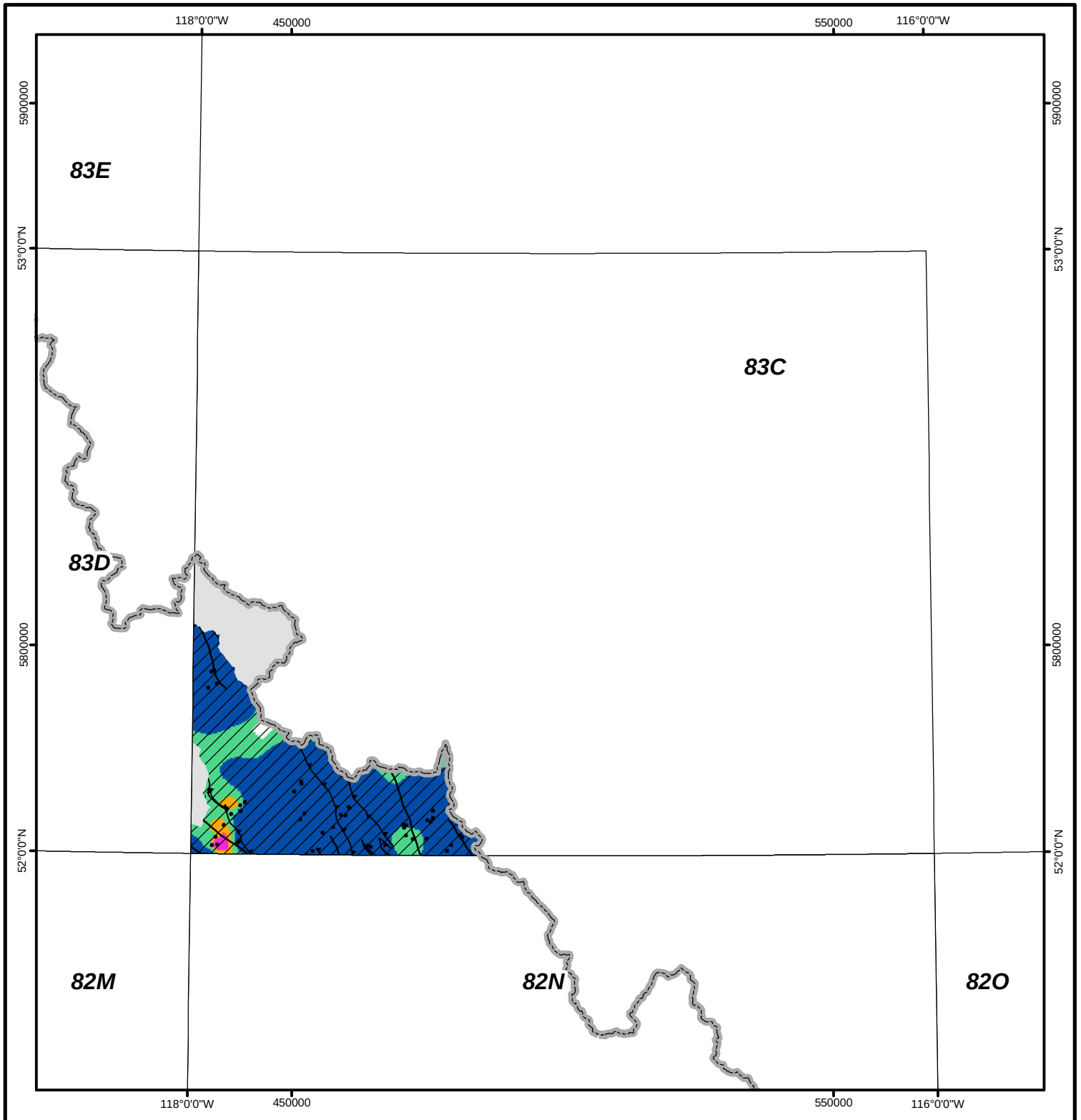
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

ICPMS: La (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-28	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Cr (ppm)

- > 44.8
- 33.6 - 44.8
- 22.4 - 33.6
- < 22.4

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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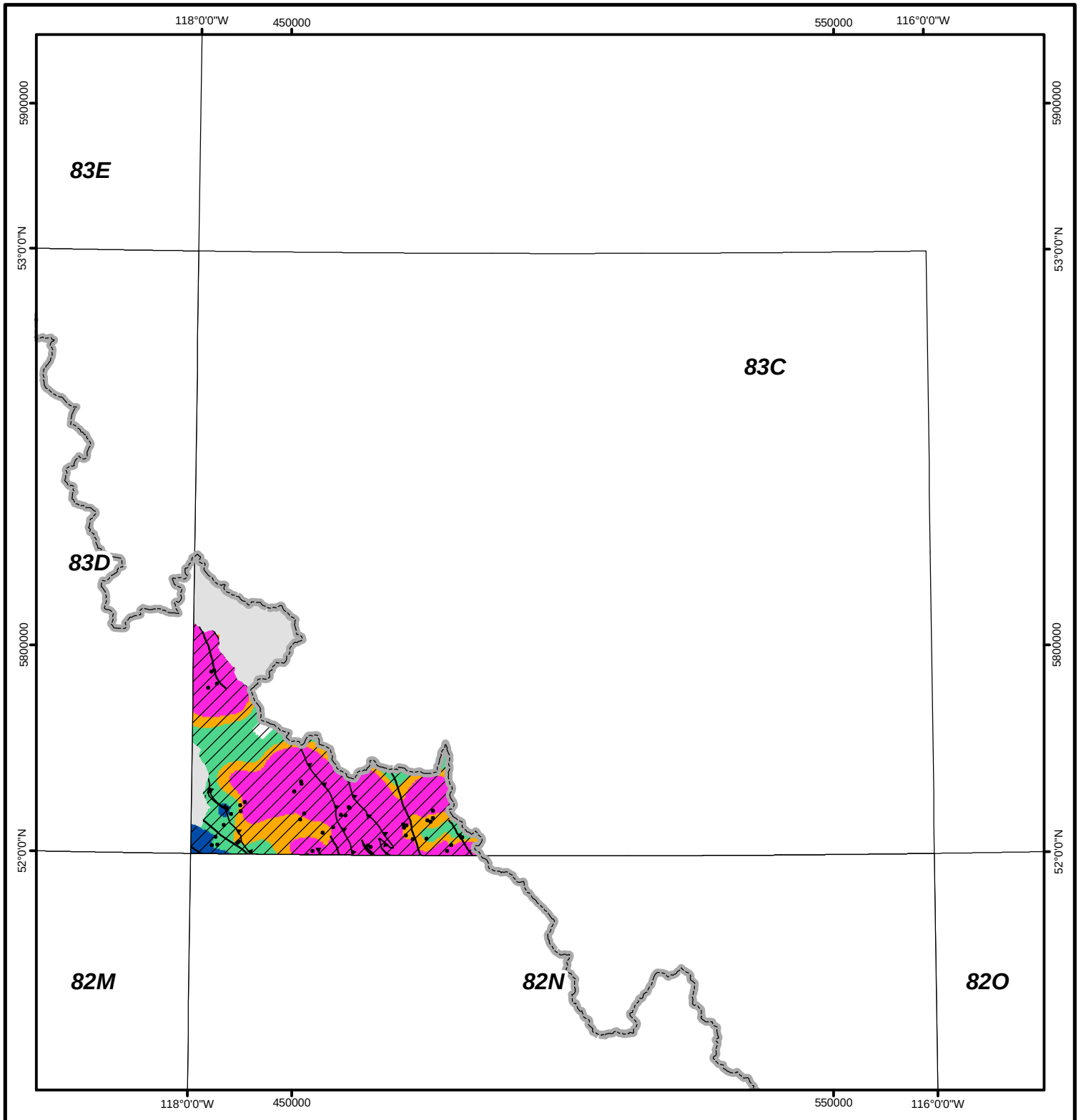
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

ICPMS: Cr (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-29	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Mg (%)

- > 2.25
- 1.59 - 2.25
- 0.93 - 1.59
- < 0.93

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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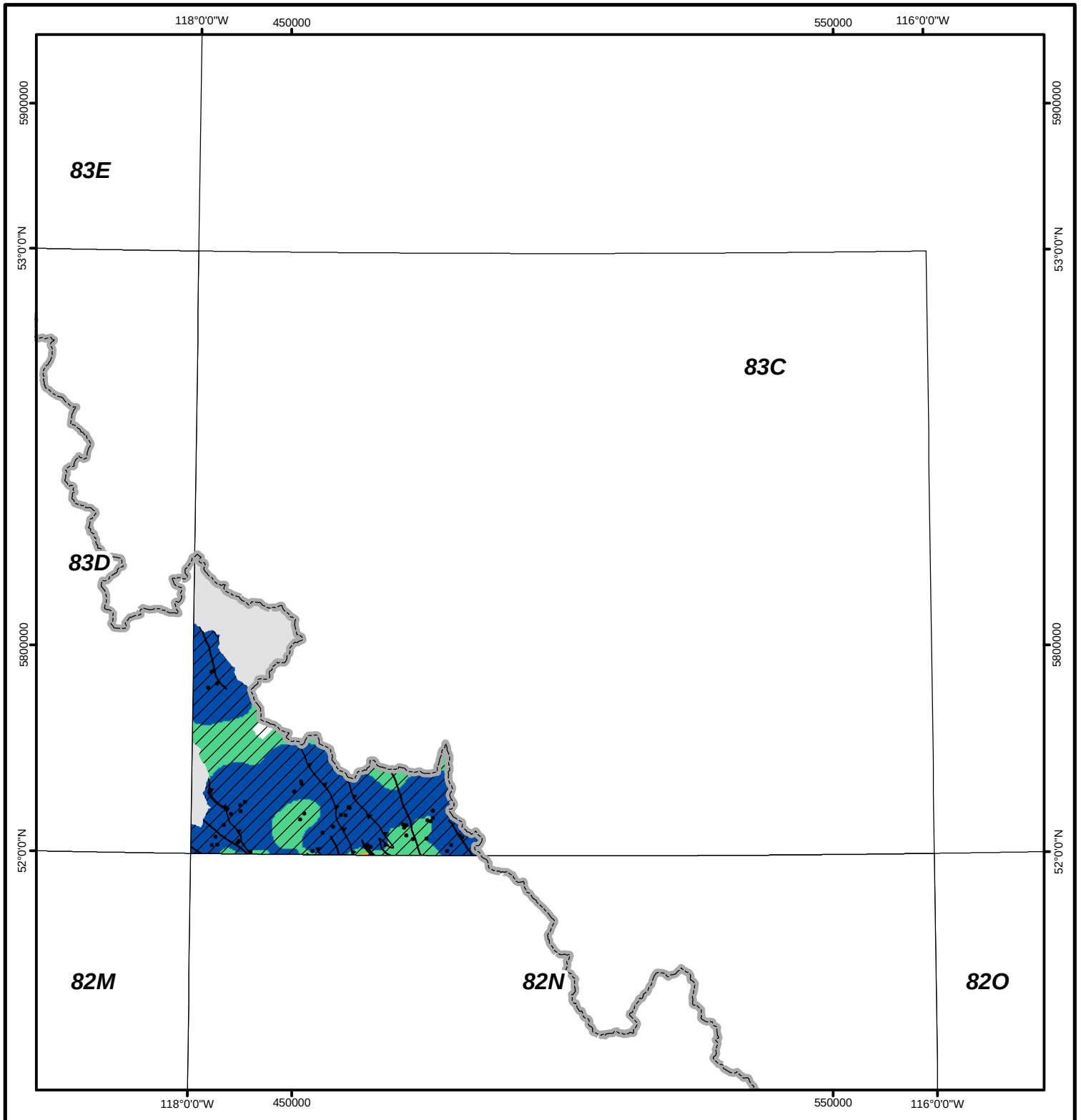
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

ICPMS: Mg (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-30	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ba (ppm)

- > 159.6
- 107.9 - 159.6
- 56.2 - 107.9
- < 56.2

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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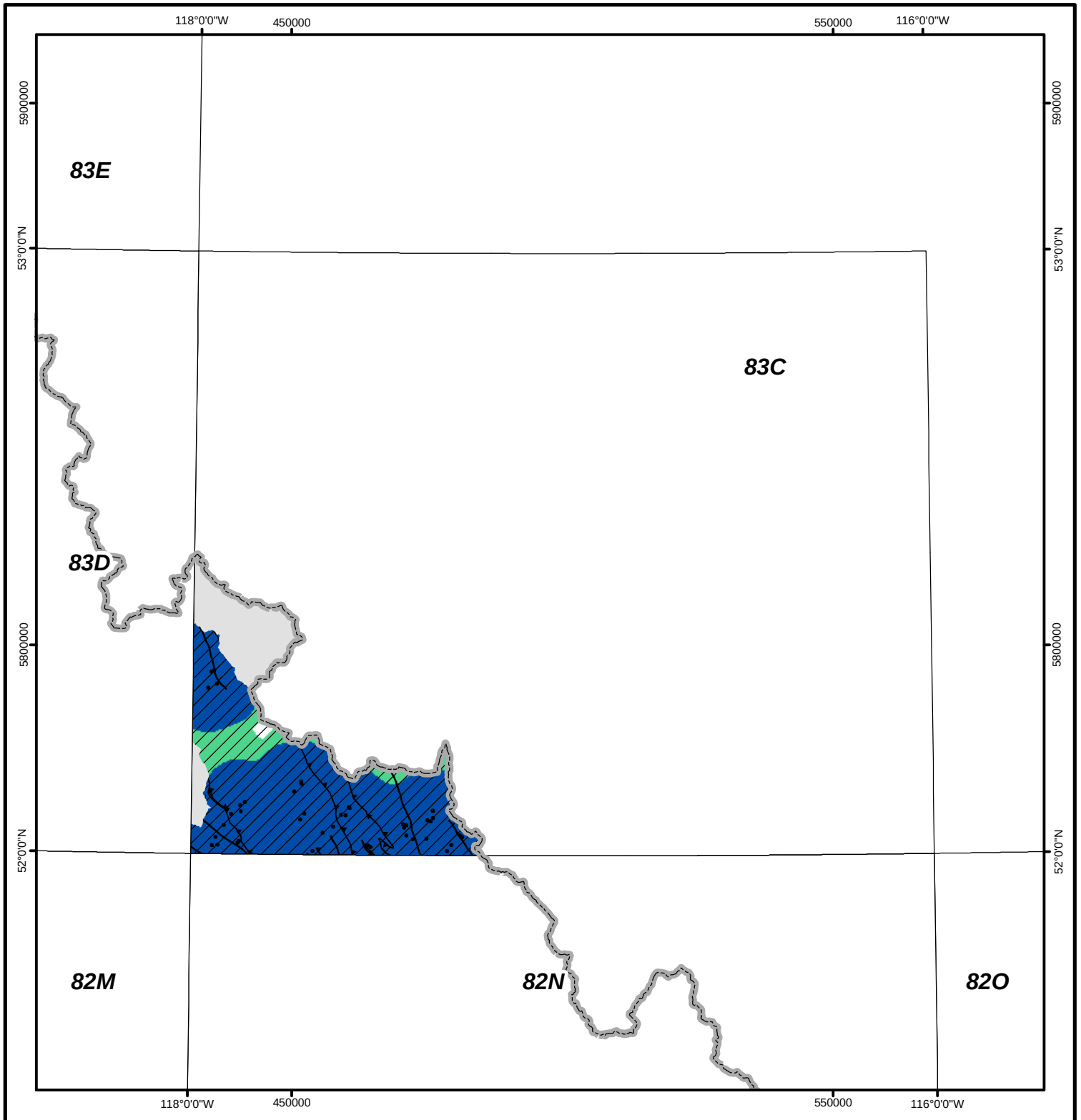
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

ICPMS: Ba (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-31	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ti (%)

- > 0.134
- 0.086 - 0.134
- 0.038 - 0.086
- < 0.038

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
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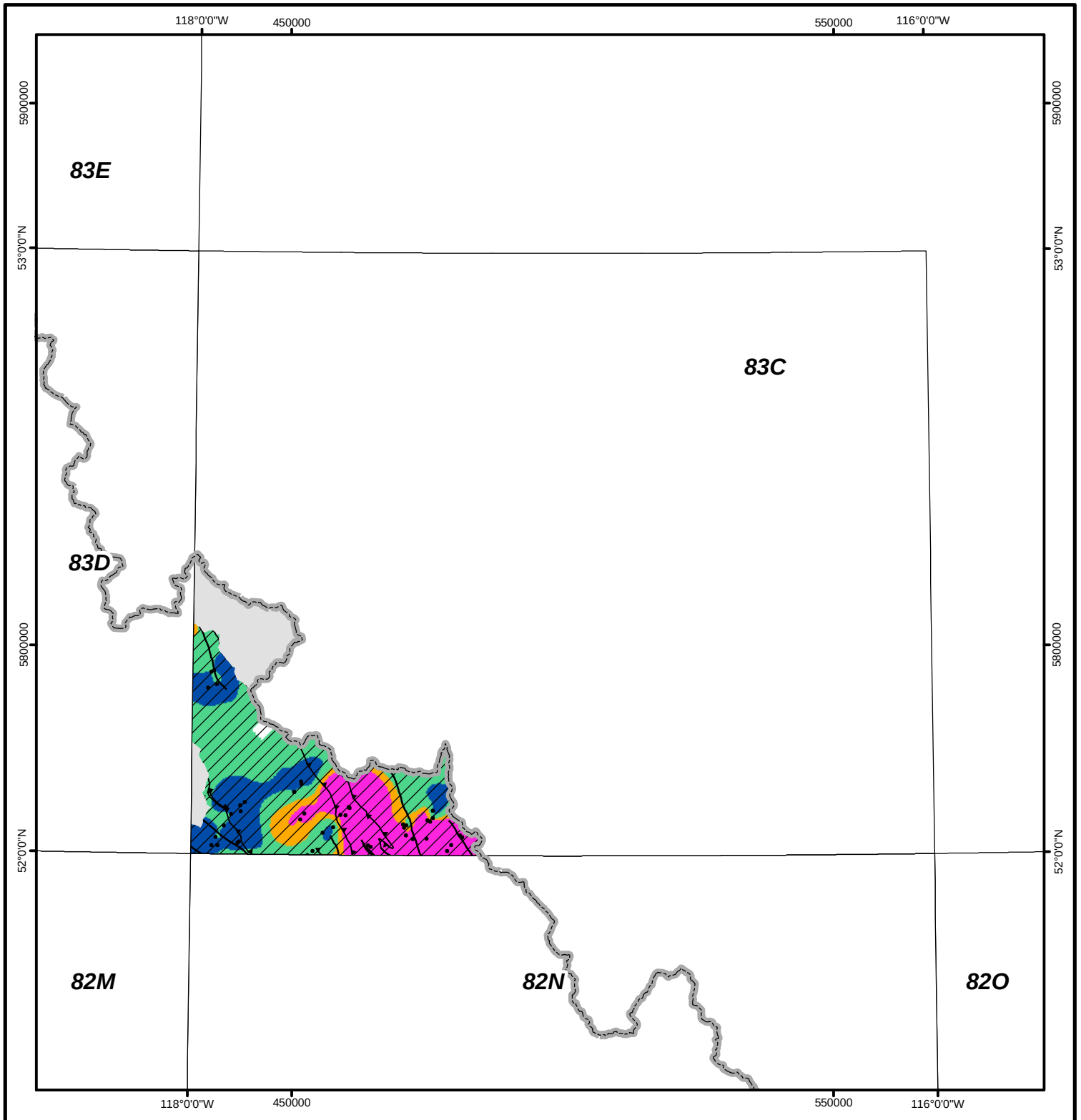
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

ICPMS: Ti (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-32	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

B (ppm)

- > 3
- 2 - 3
- 1 - 2
- < 1

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

N

0 10 20 km

NAD83 UTM Zone 11N

GEOSCIENCE BC

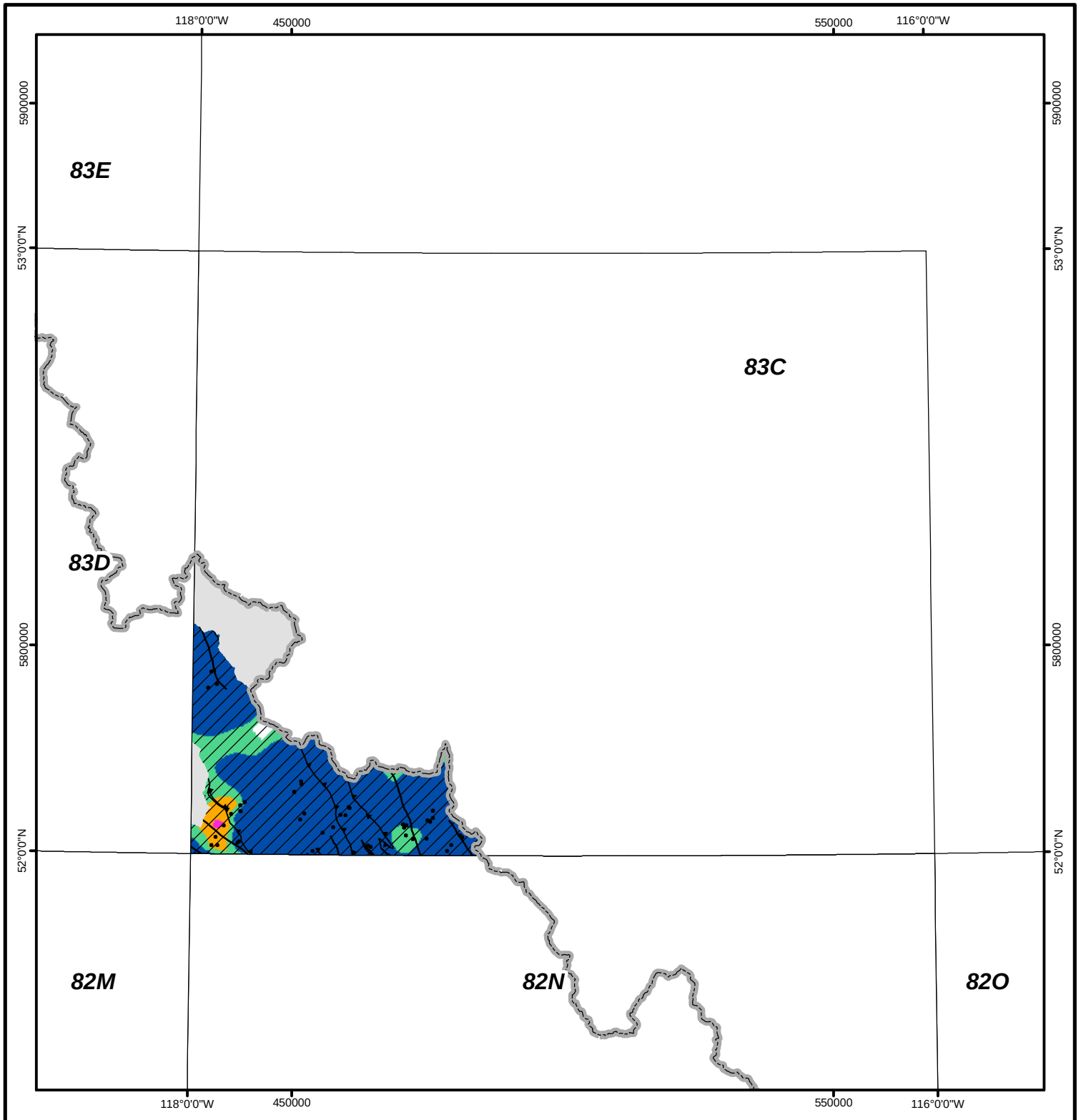
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

ICPMS: B (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-33	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Al (%)

- > 2.01
- 1.55 - 2.01
- 1.09 - 1.55
- < 1.09

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

GEOSCIENCE BC

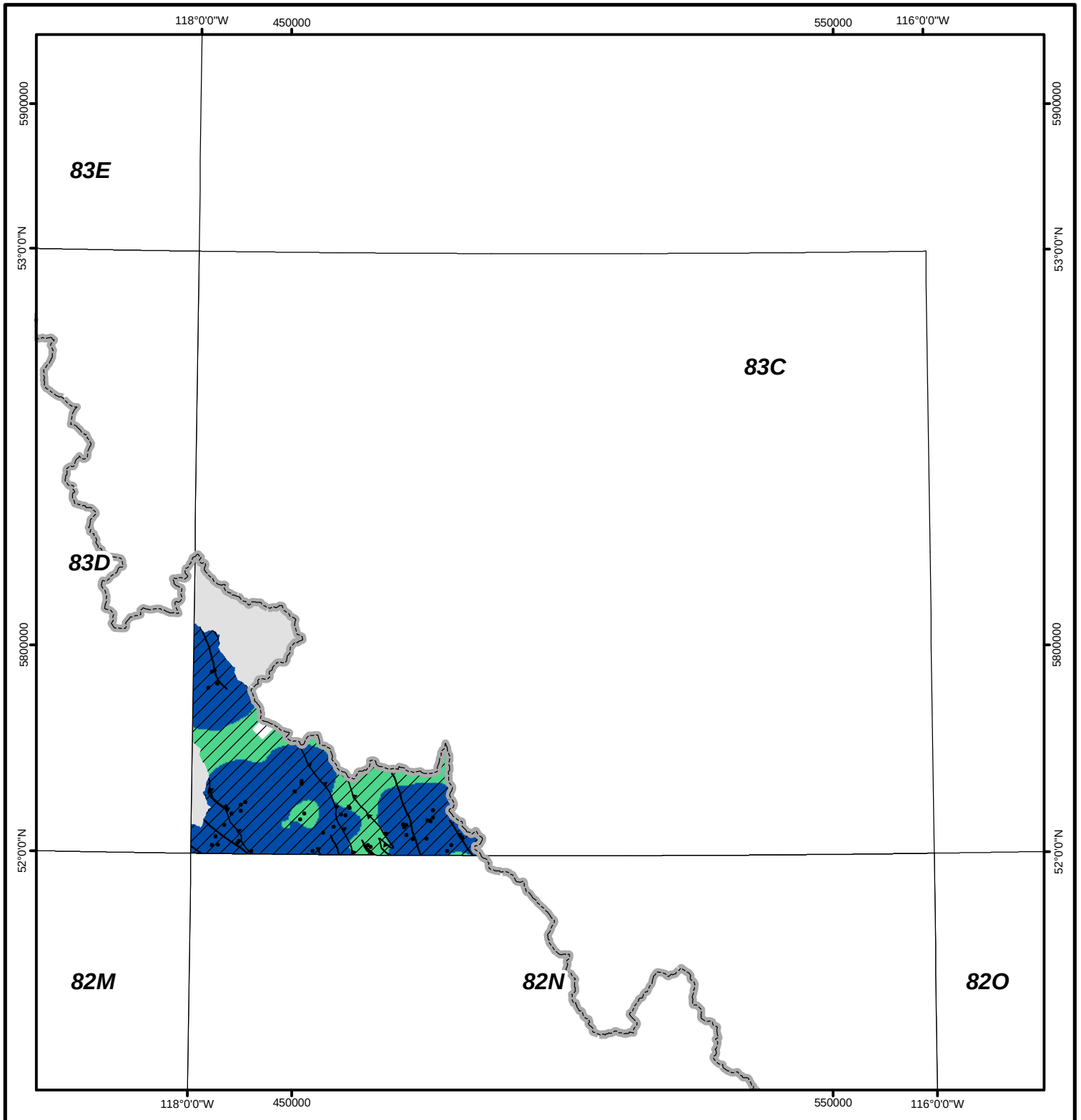
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

ICPMS: Al (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-34	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Na (%)

- > 0.026
- 0.017 - 0.026
- 0.008 - 0.017
- < 0.008

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

GEOSCIENCE BC

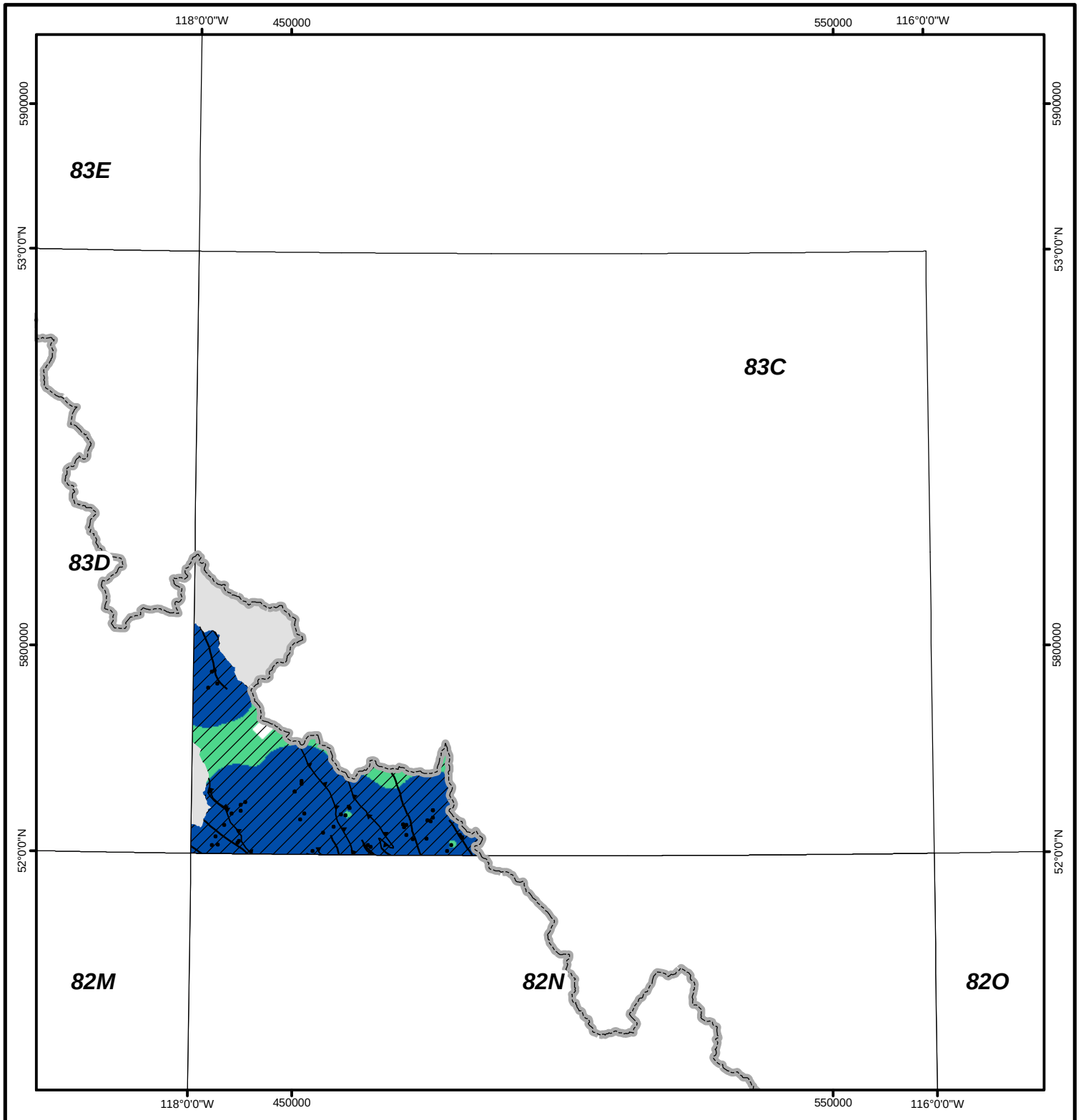
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

ICPMS: Na (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-35	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

K (%)

- > 0.51
- 0.33 - 0.51
- 0.15 - 0.33
- < 0.15

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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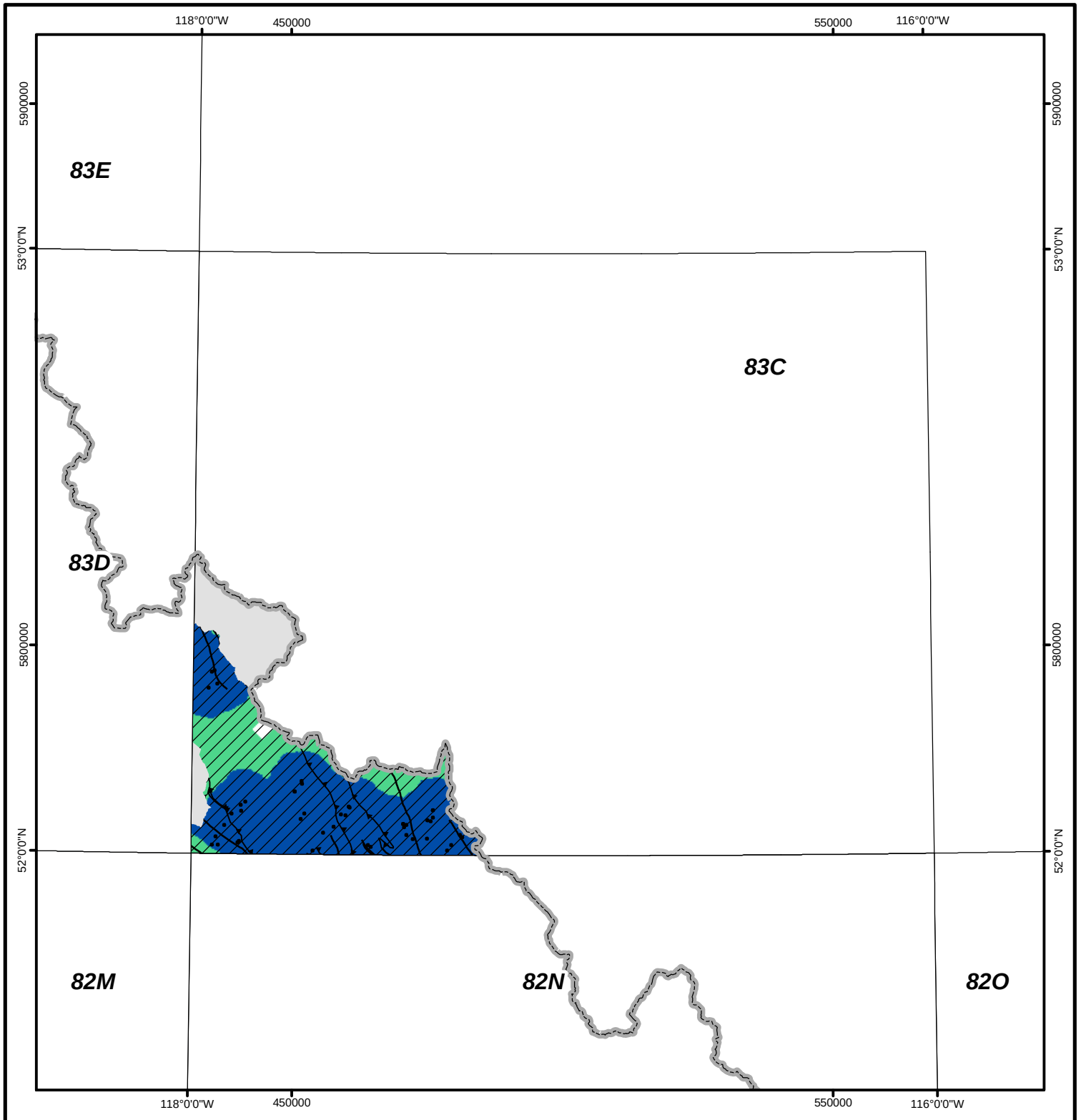
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

ICPMS: K (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-36	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

W (ppm)

- > 0.7
- 0.4 - 0.7
- 0.1 - 0.4
- < 0.1

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

N

0 10 20 km

NAD83 UTM Zone 11N

GEOSCIENCE BC

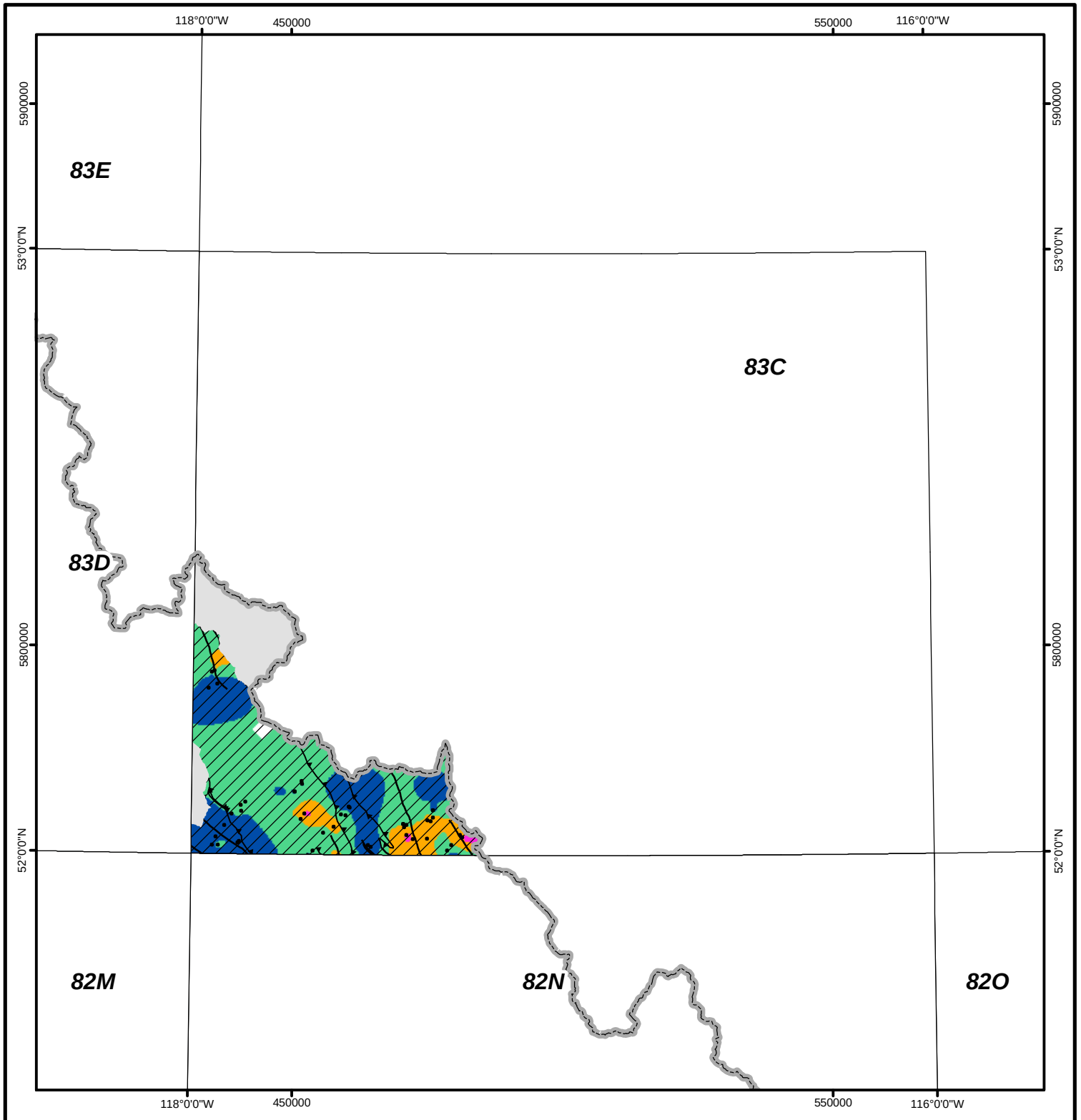
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

ICPMS: W (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-37	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Sc (ppm)

- > 3.8
- 2.9 - 3.8
- 2.0 - 2.9
- < 2.0

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

N

0 10 20 km

NAD83 UTM Zone 11N

GEOSCIENCE BC

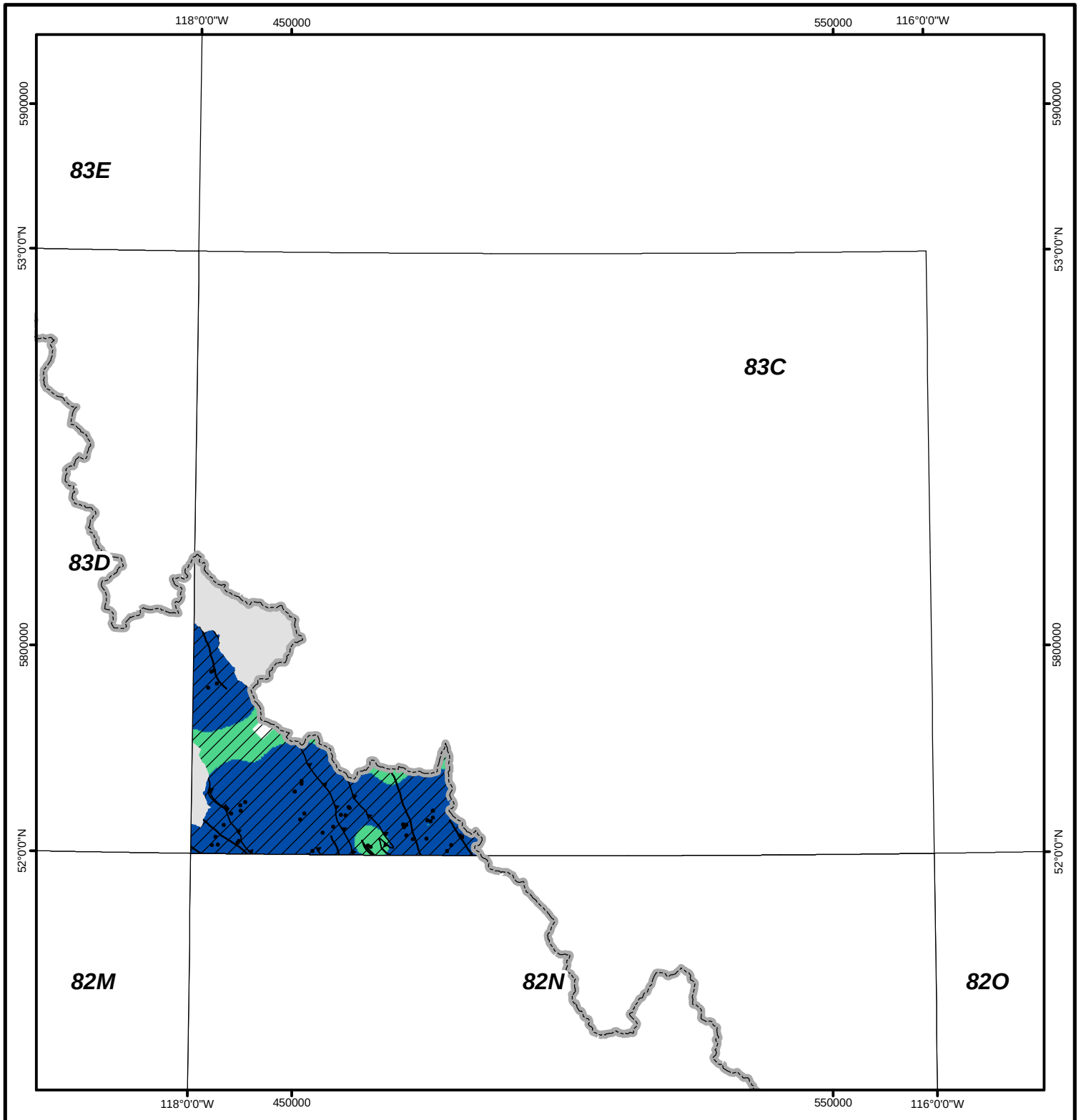
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

ICPMS: Sc (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-38	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Tl (ppm)

- > 0.30
- 0.20 - 0.30
- 0.10 - 0.20
- < 0.10

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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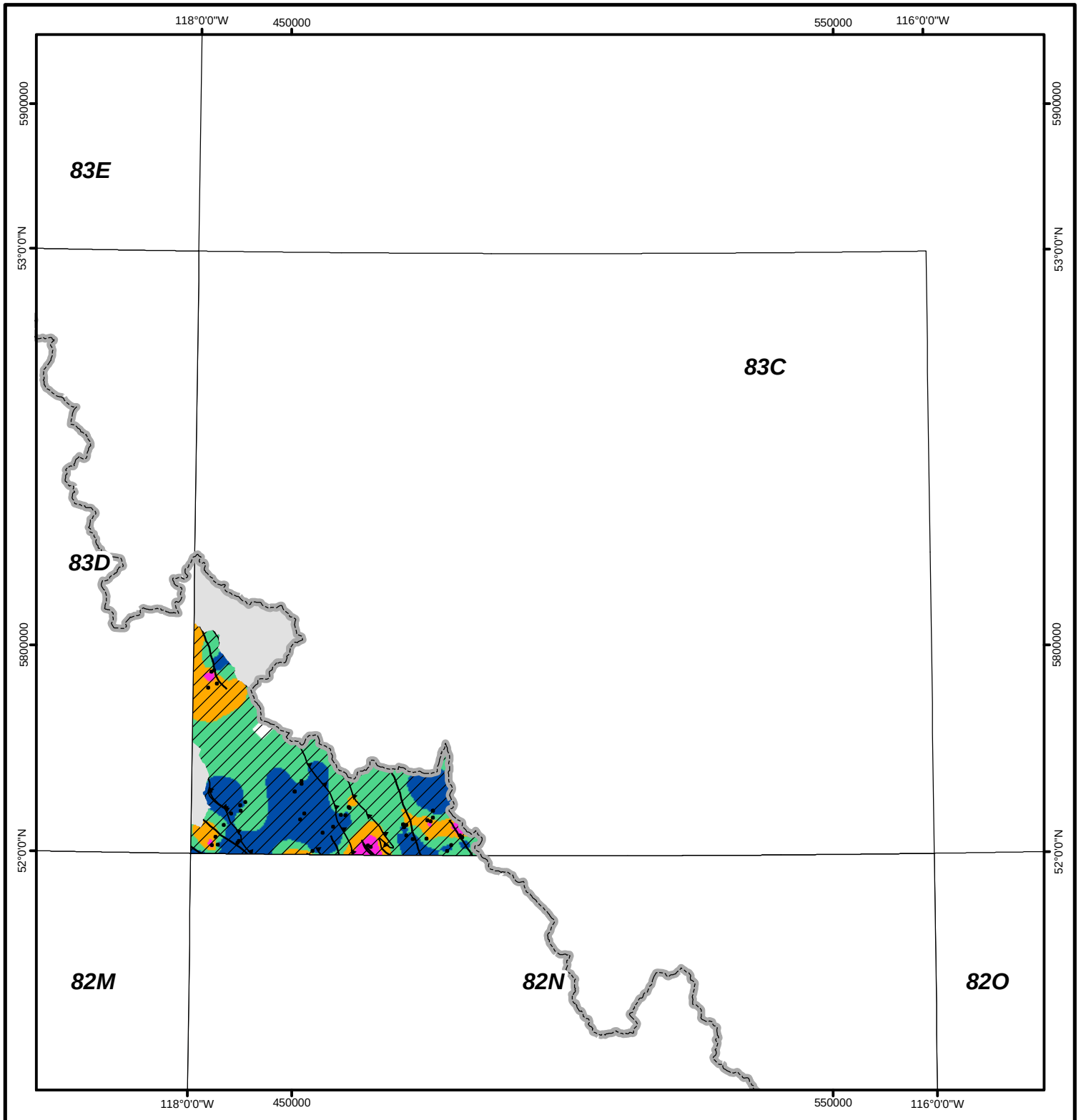
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

ICPMS: Tl (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-39	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

S (%)

- > 0.13
- 0.09 - 0.13
- 0.05 - 0.09
- < 0.05

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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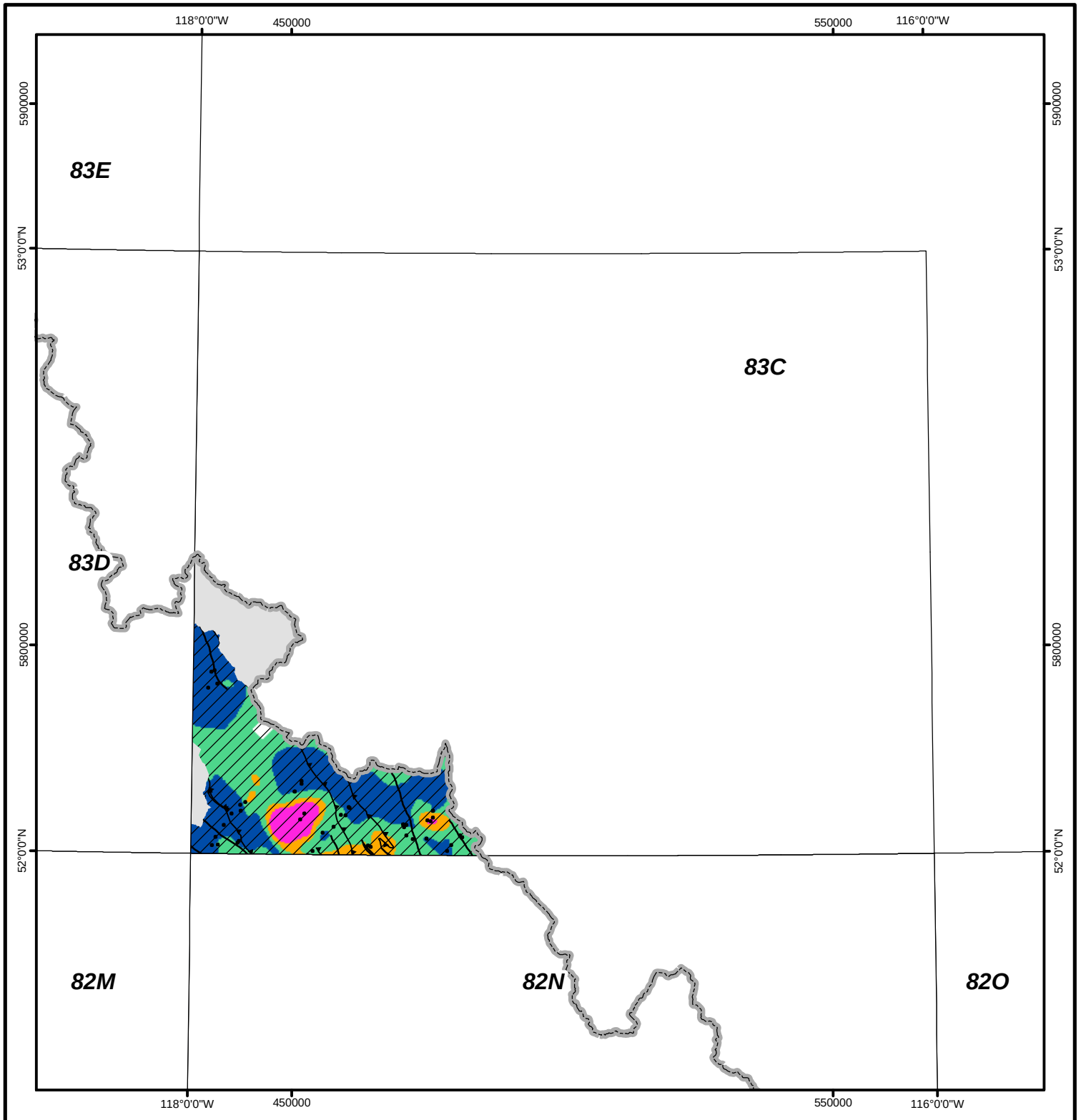
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

ICPMS: S (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-40	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Hg (ppb)

- > 37
- 25 - 37
- 13 - 25
- < 13

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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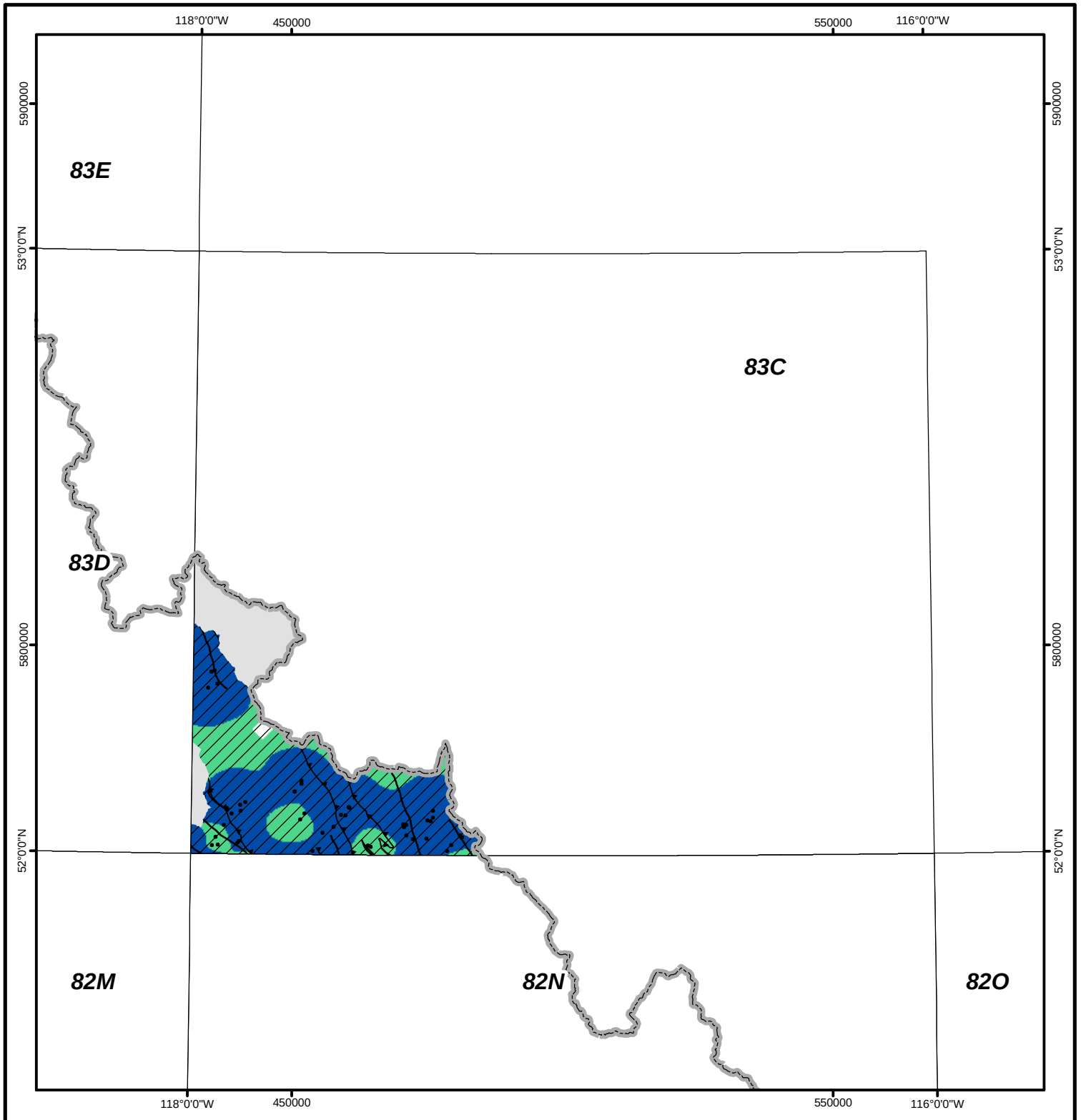
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

ICPMS: Hg (ppb)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-41	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Se (ppm)

- > 1.0
- 0.7 - 1.0
- 0.4 - 0.7
- < 0.4

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

N

0 10 20 km

NAD83 UTM Zone 11N

GEOSCIENCE BC

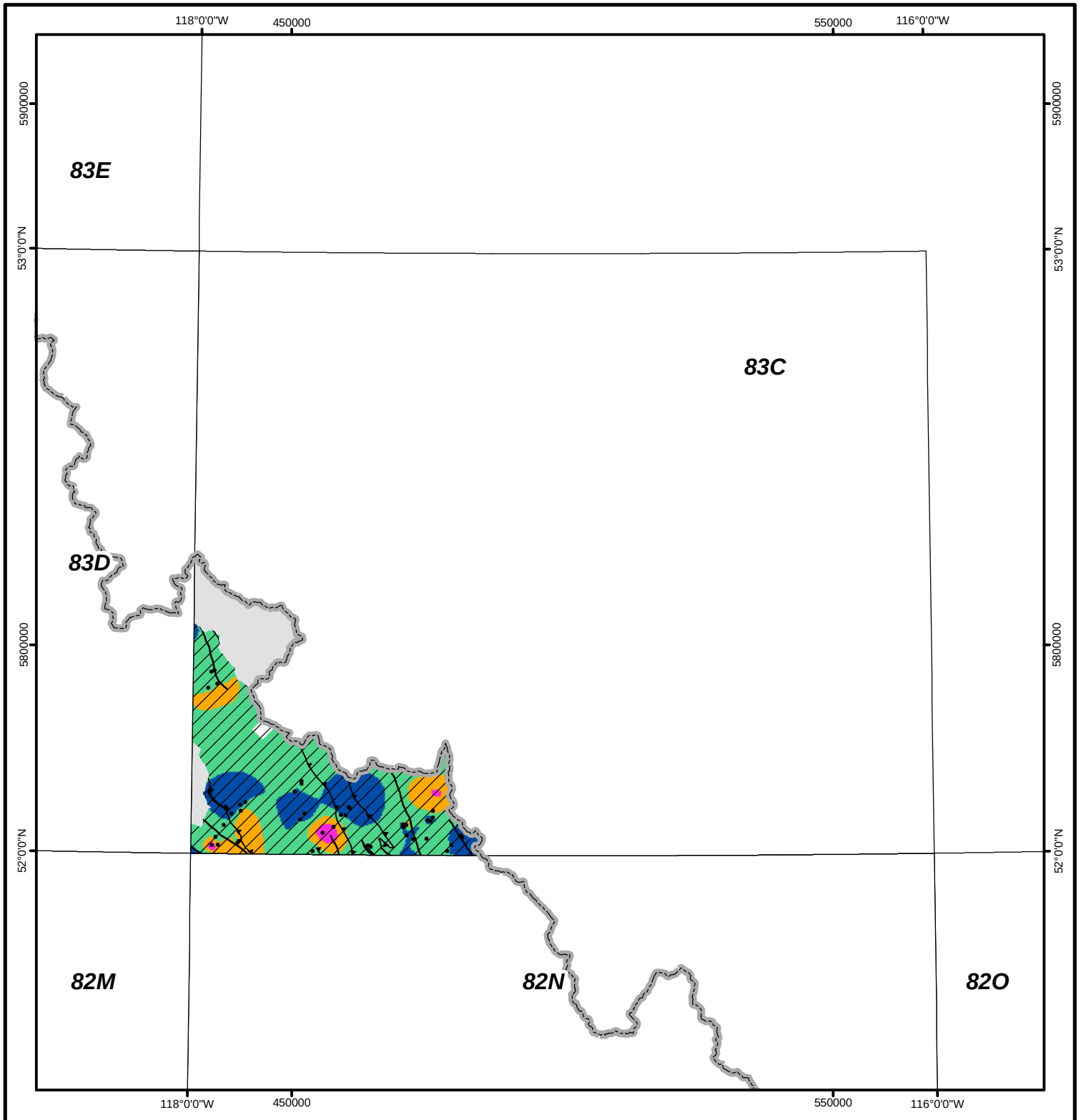
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

ICPMS: Se (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-42	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Te (ppm)

- > 0.04
- 0.03 - 0.04
- 0.02 - 0.03
- < 0.02

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

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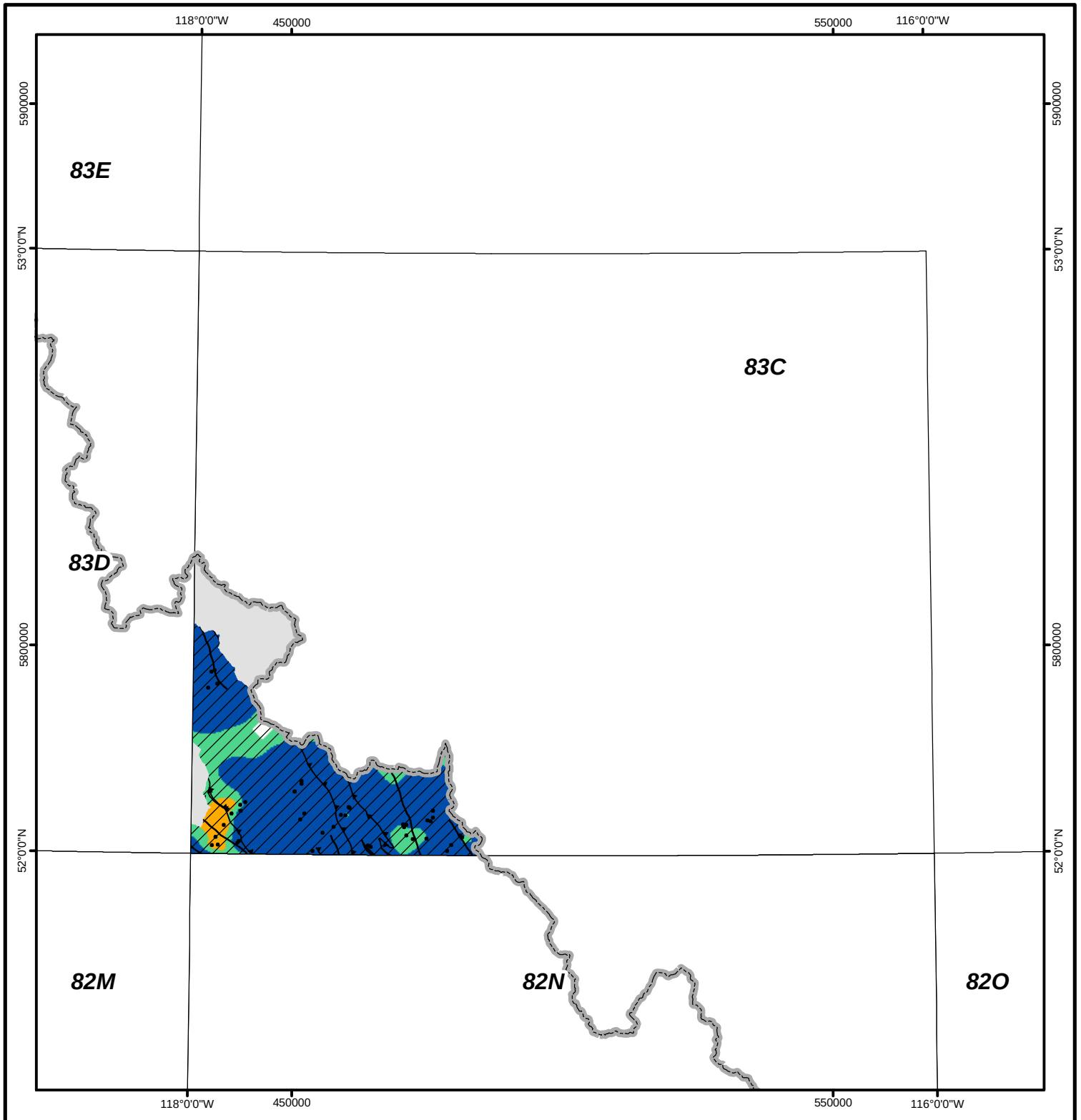
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

ICPMS: Te (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-43	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ga (ppm)

- > 6.3
- 4.8 - 6.3
- 3.3 - 4.8
- < 3.3

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

N

0 10 20 km

NAD83 UTM Zone 11N

GEOSCIENCE BC

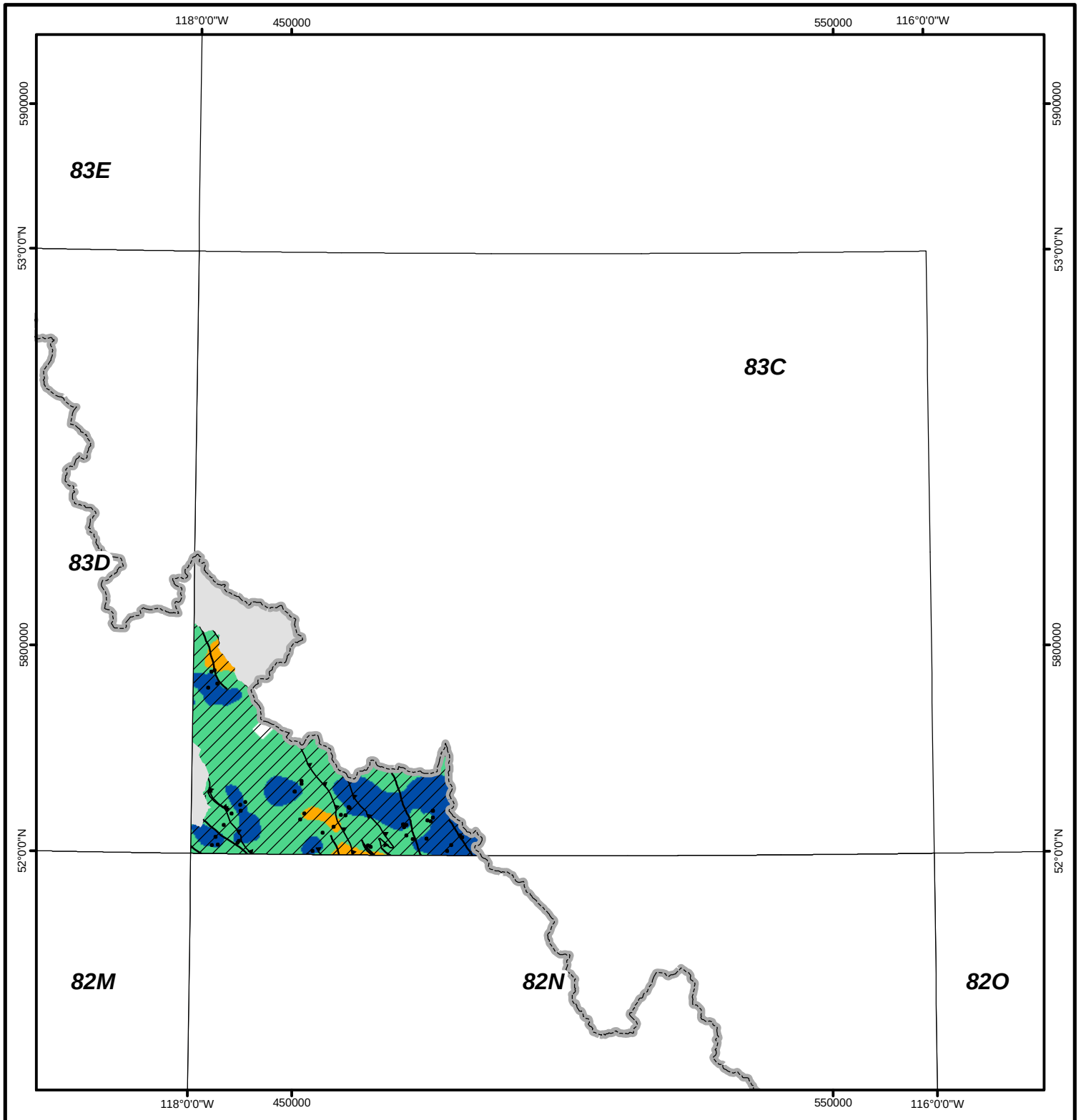
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

ICPMS: Ga (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-44	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Sb (ppm)

- > 0.8
- 0.5 - 0.8
- 0.2 - 0.5
- < 0.2

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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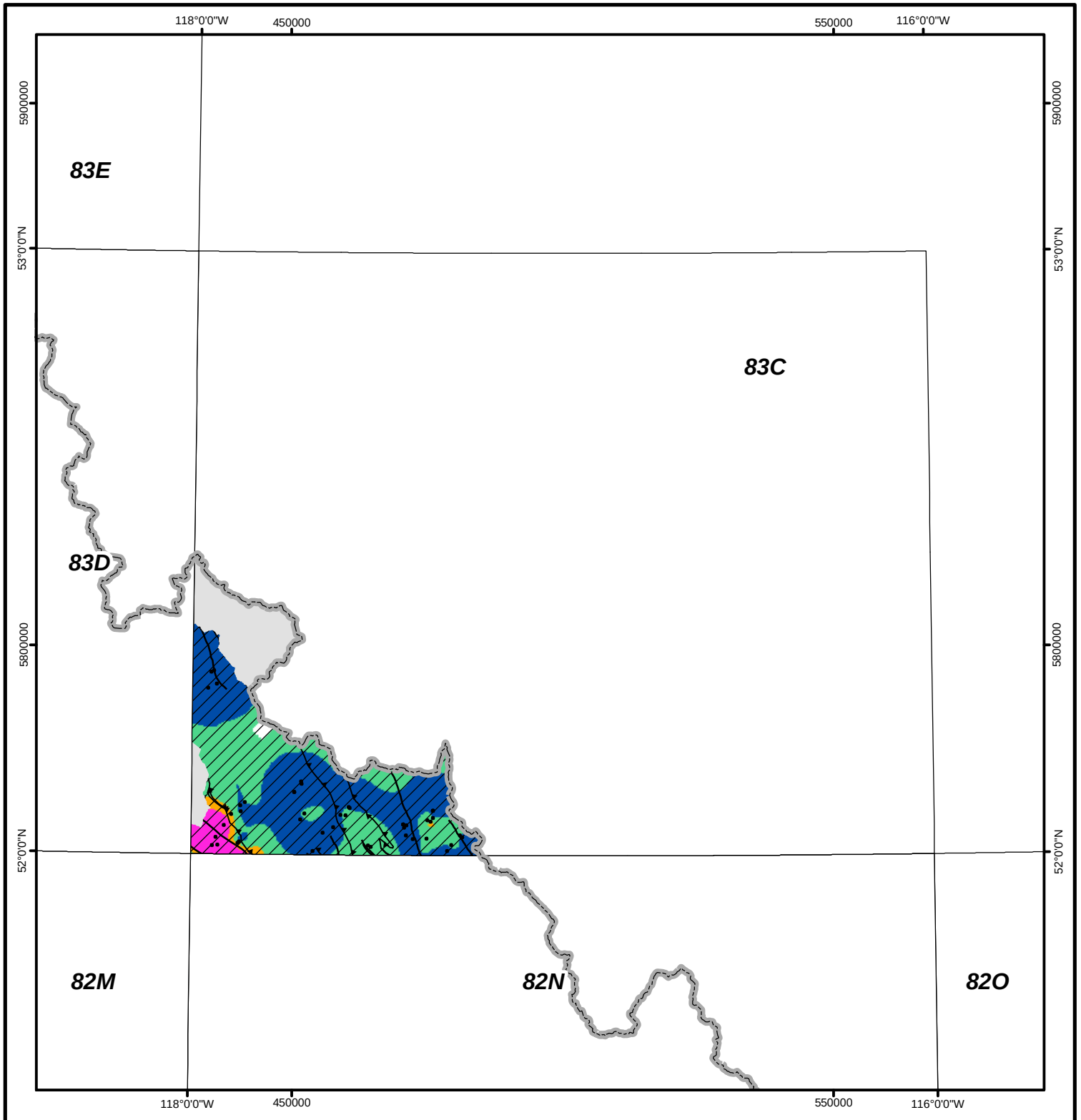
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

INAA: Sb (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-45	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

As (ppm)

- > 14.0
- 9.2 - 14.0
- 4.4 - 9.2
- < 4.4

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

GEOSCIENCE BC

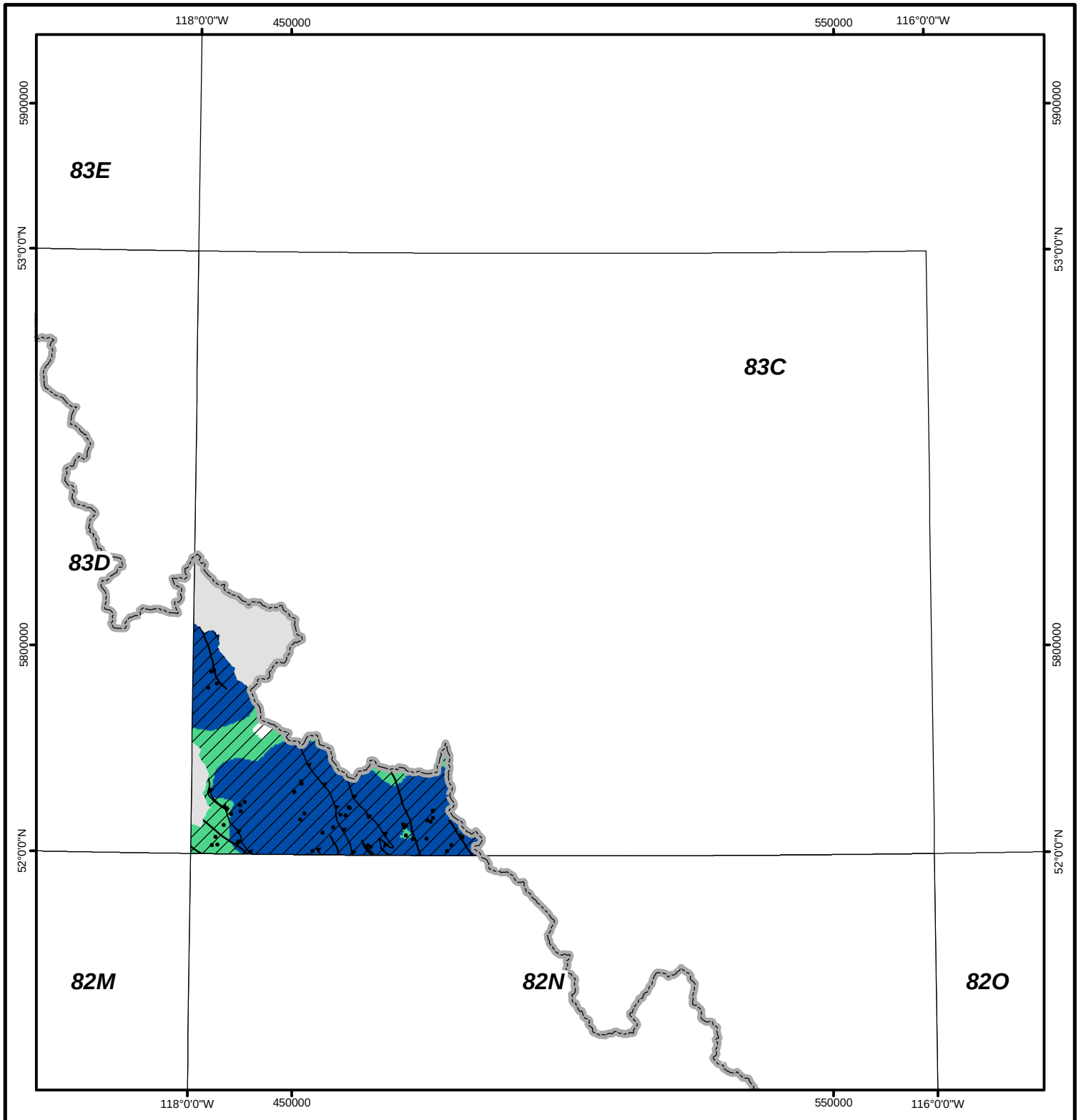
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

INAA: As (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-46	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ba (ppm)

- > 880
- 669 - 880
- 458 - 669
- < 458

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

GEOSCIENCE BC

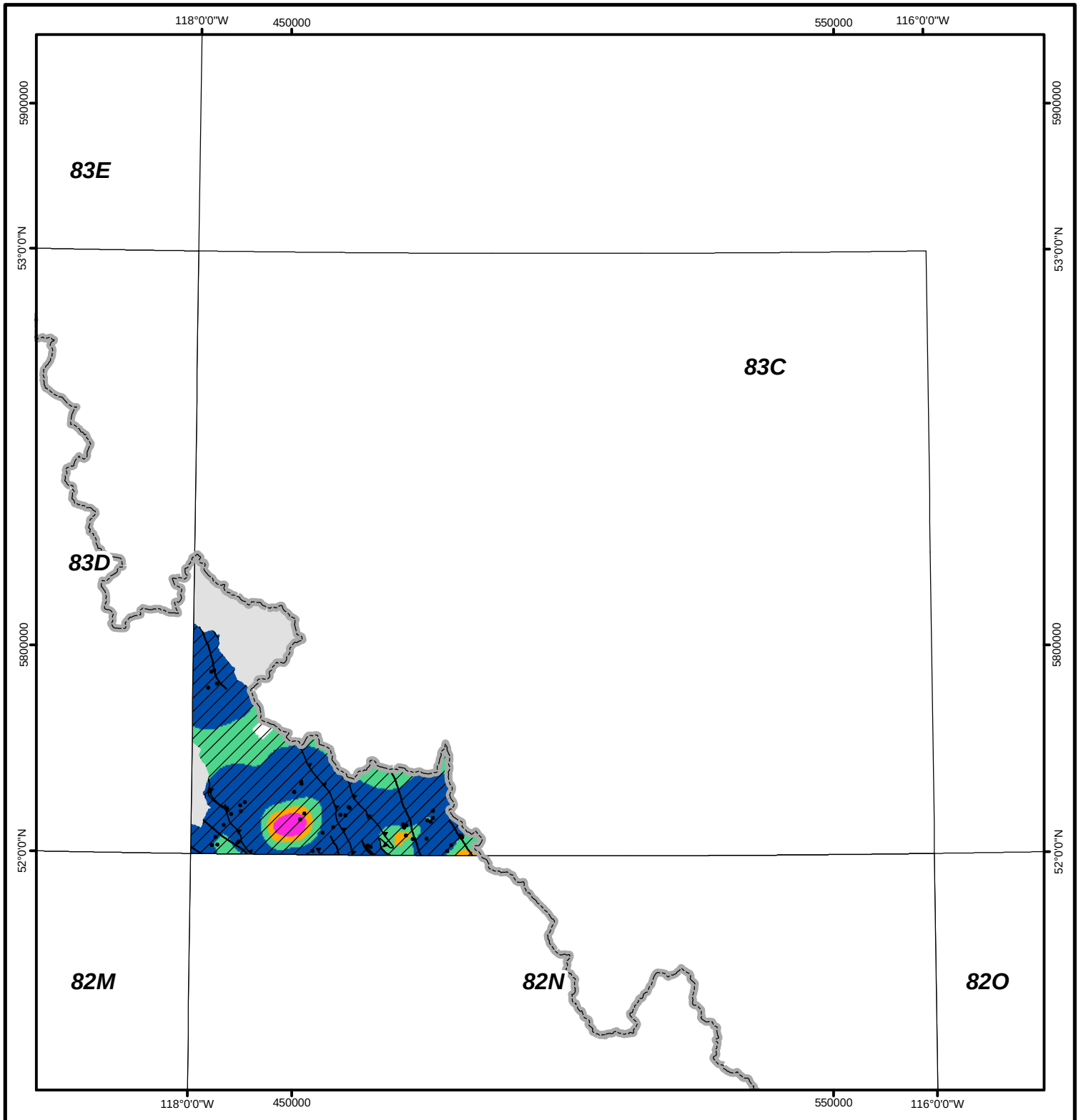
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

INAA: Ba (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-47	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Br (ppm)

- > 14.8
- 9.8 - 14.8
- 4.8 - 9.8
- < 4.8

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

GEOSCIENCE BC

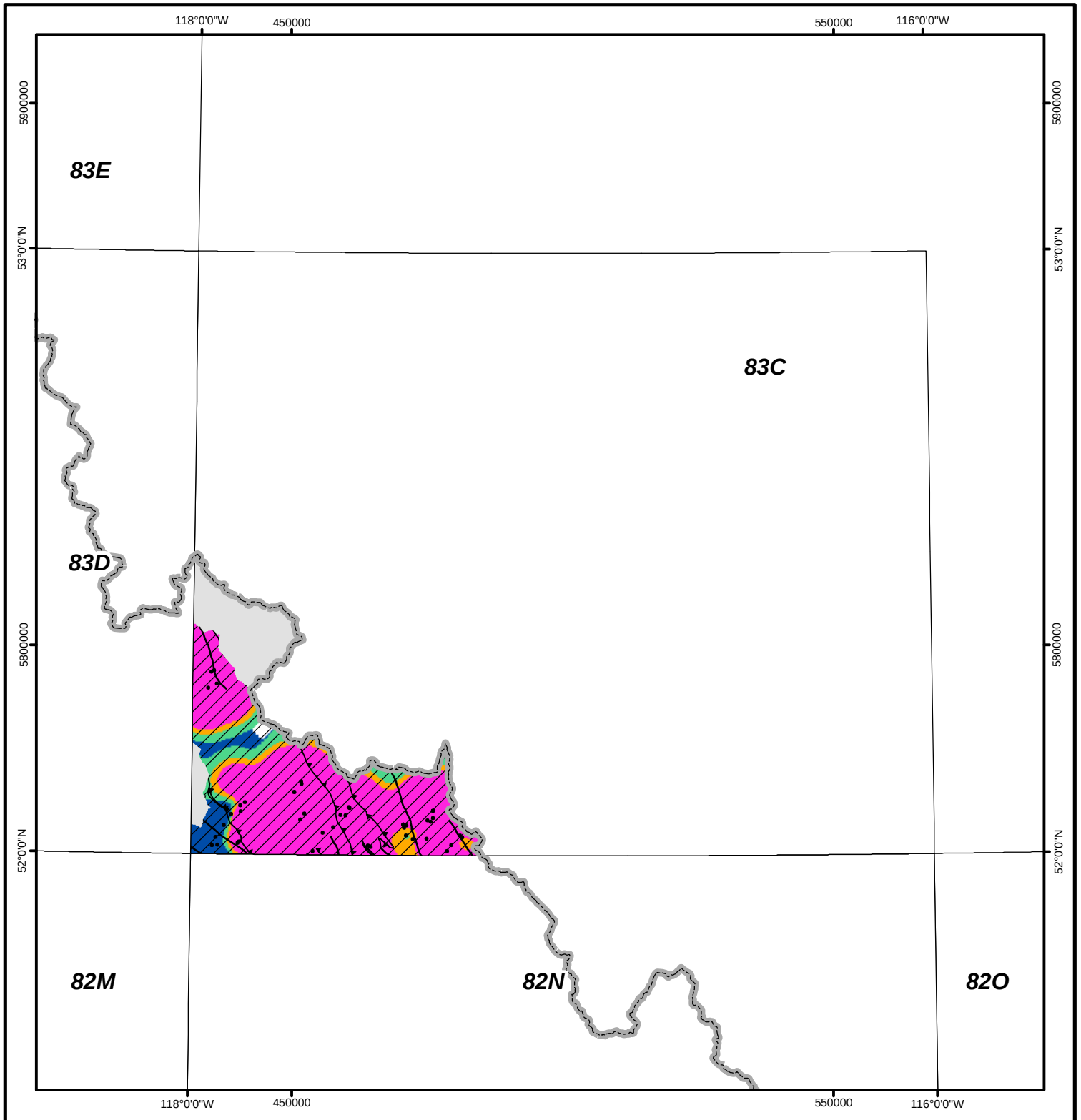
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

INAA: Br (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-48	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ca (%)

- > 9
- 6 - 9
- 3 - 6
- < 3

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

N

0 10 20 km

NAD83 UTM Zone 11N

GEOSCIENCE BC

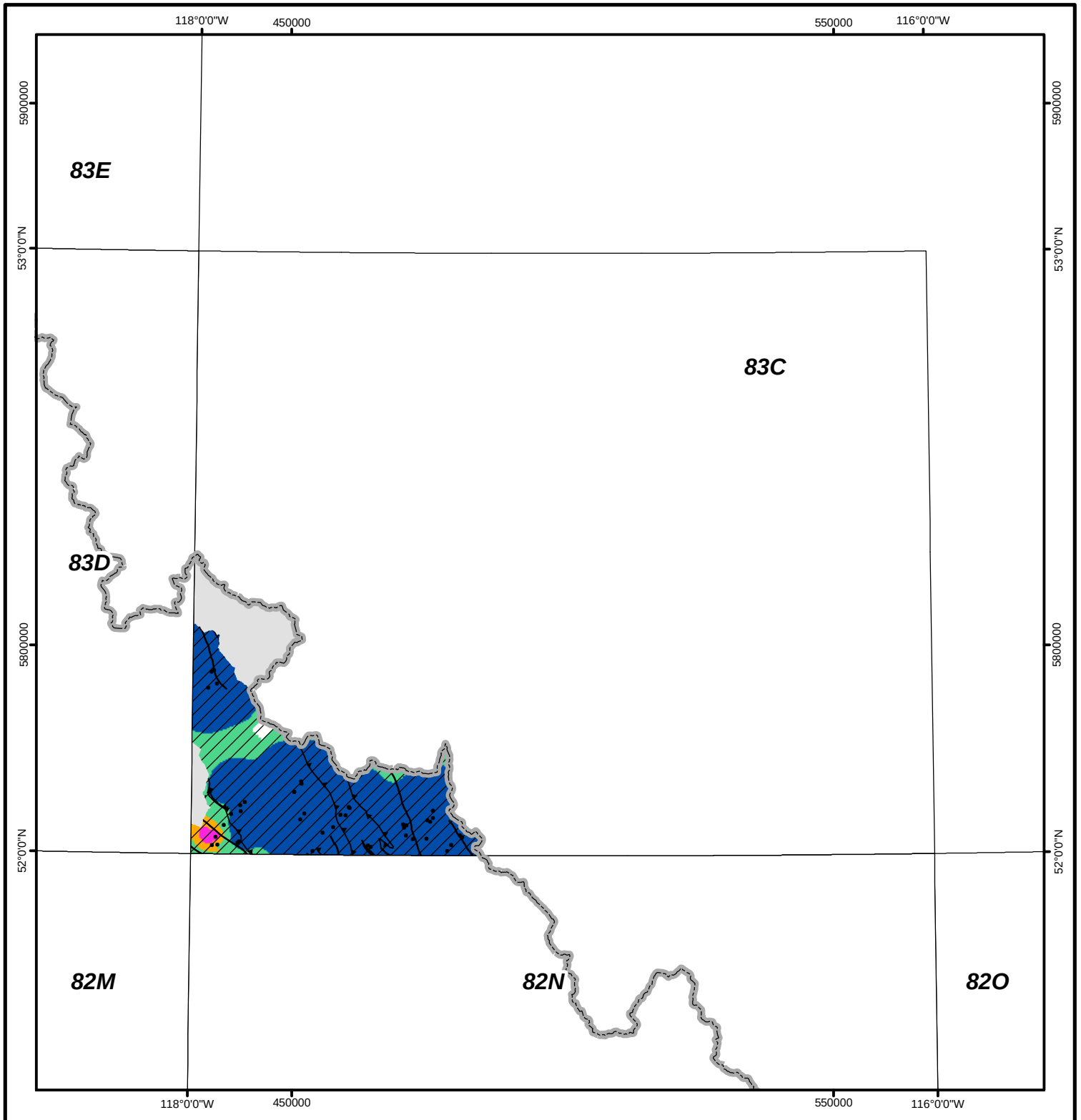
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

INAA: Ca (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-49	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ce (ppm)

- > 342
- 251 - 342
- 160 - 251
- < 160

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

GEOSCIENCE BC

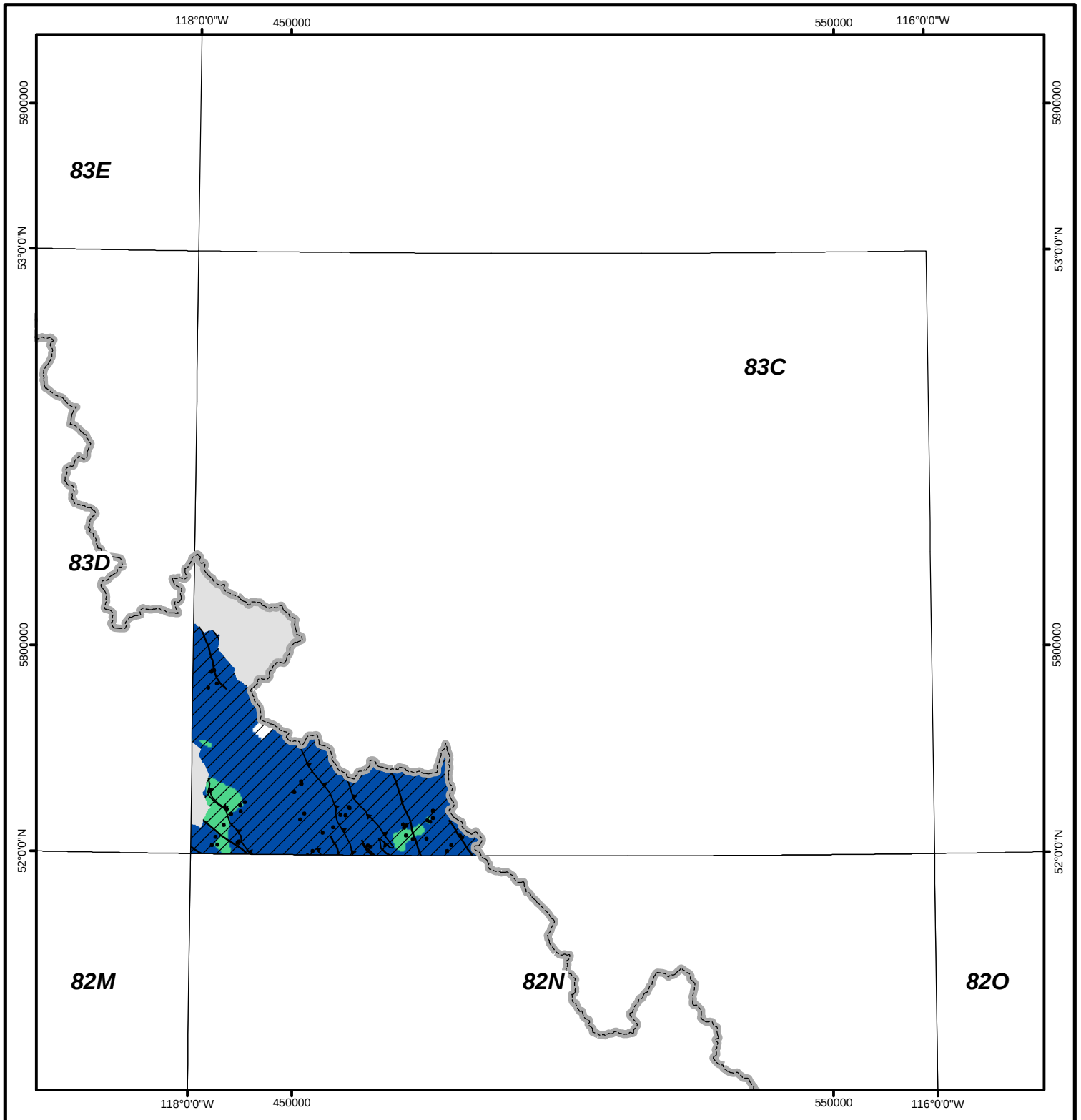
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

INAA: Ce (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-50	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Cs (ppm)

- > 8
- 6 - 8
- 4 - 6
- < 4

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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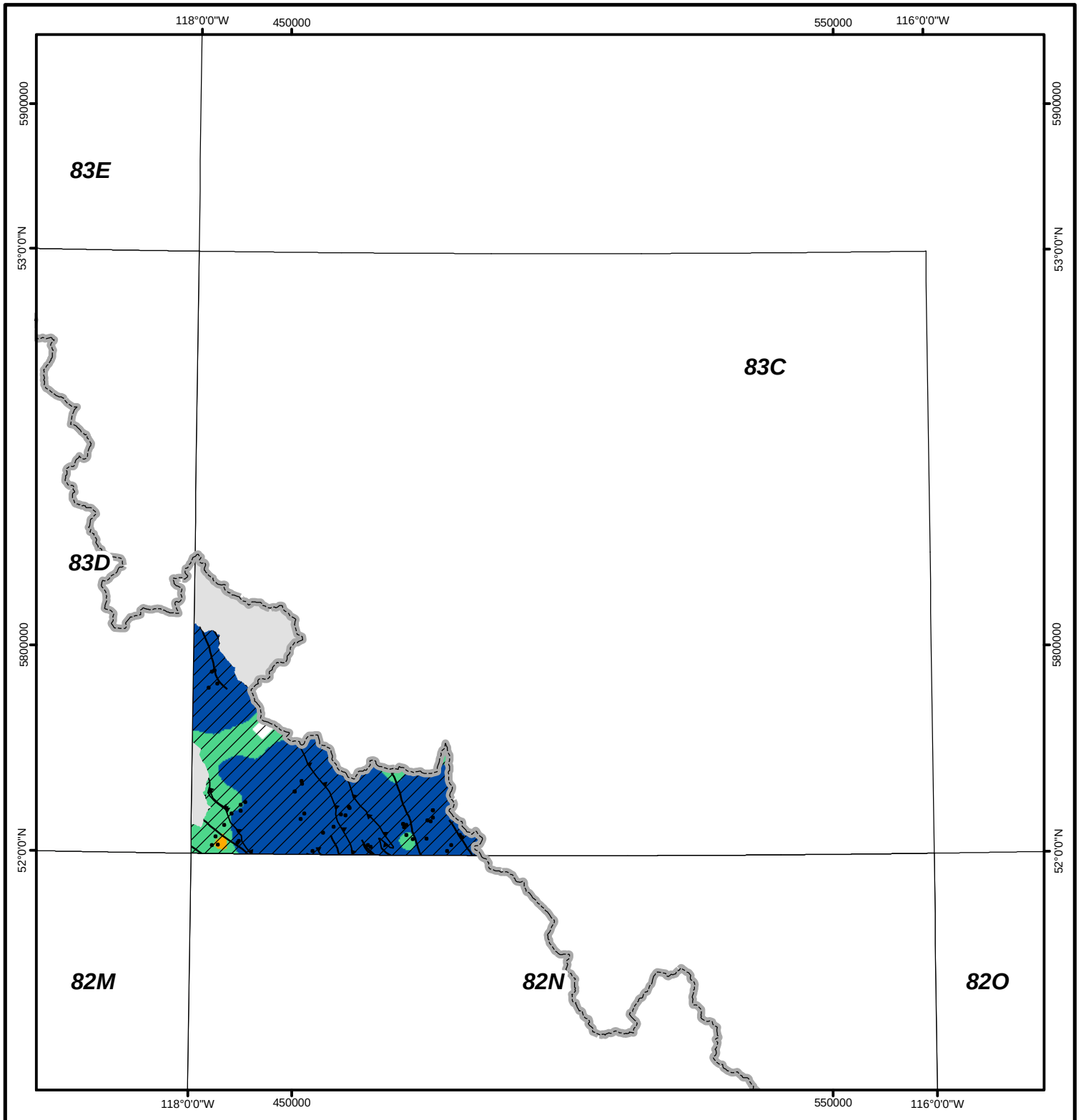
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

INAA: Cs (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-51	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Cr (ppm)

- > 135
- 105 - 135
- 75 - 105
- < 75

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

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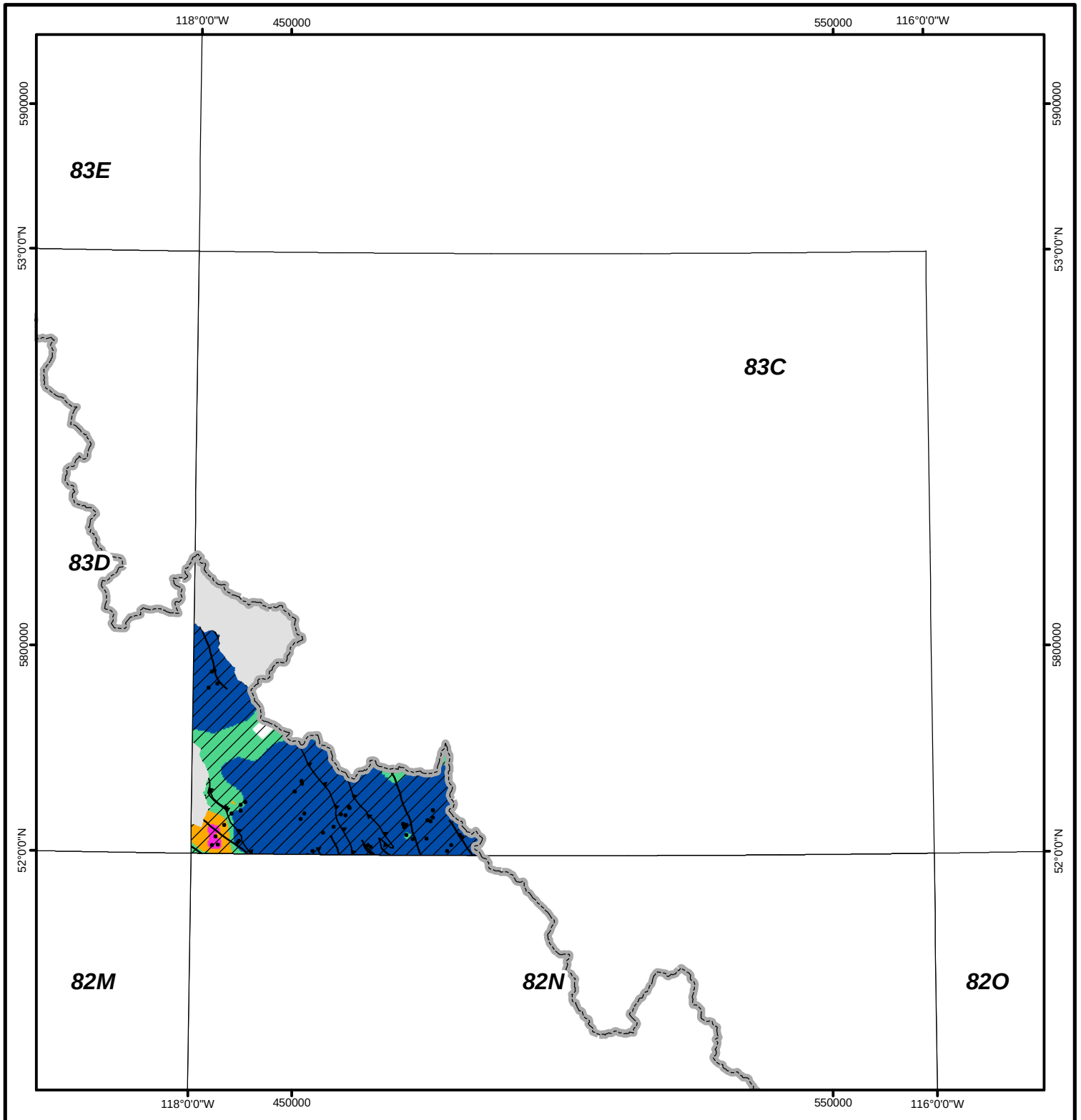
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

INAA: Cr (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-52	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Co (ppm)

- > 24
- 19 - 24
- 14 - 19
- < 14

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

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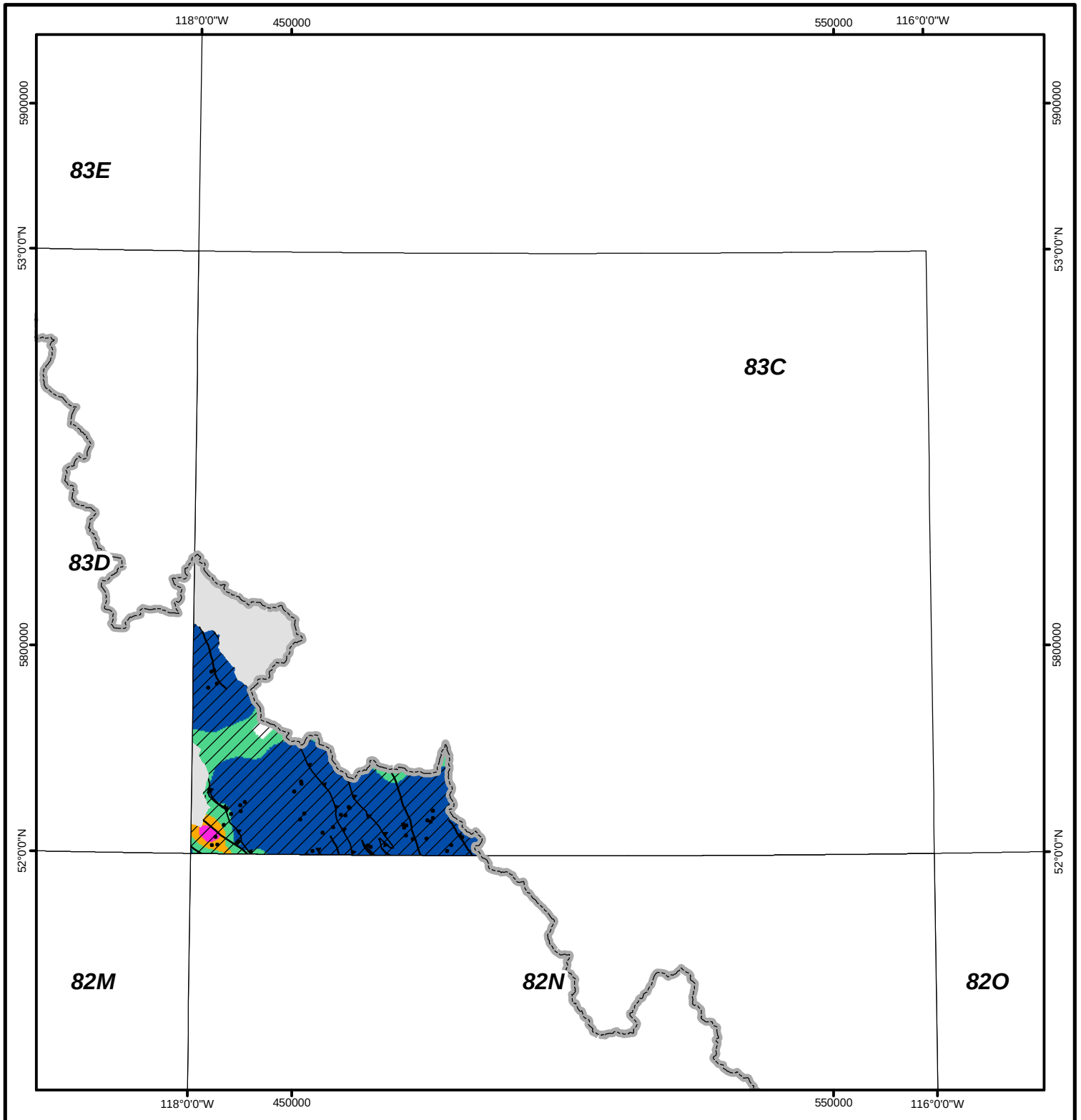
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

INAA: Co (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-53	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Eu (ppm)

- > 3.9
- 2.9 - 3.9
- 1.9 - 2.9
- < 1.9

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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N

0 10 20 km

NAD83 UTM Zone 11N

GEOSCIENCE BC

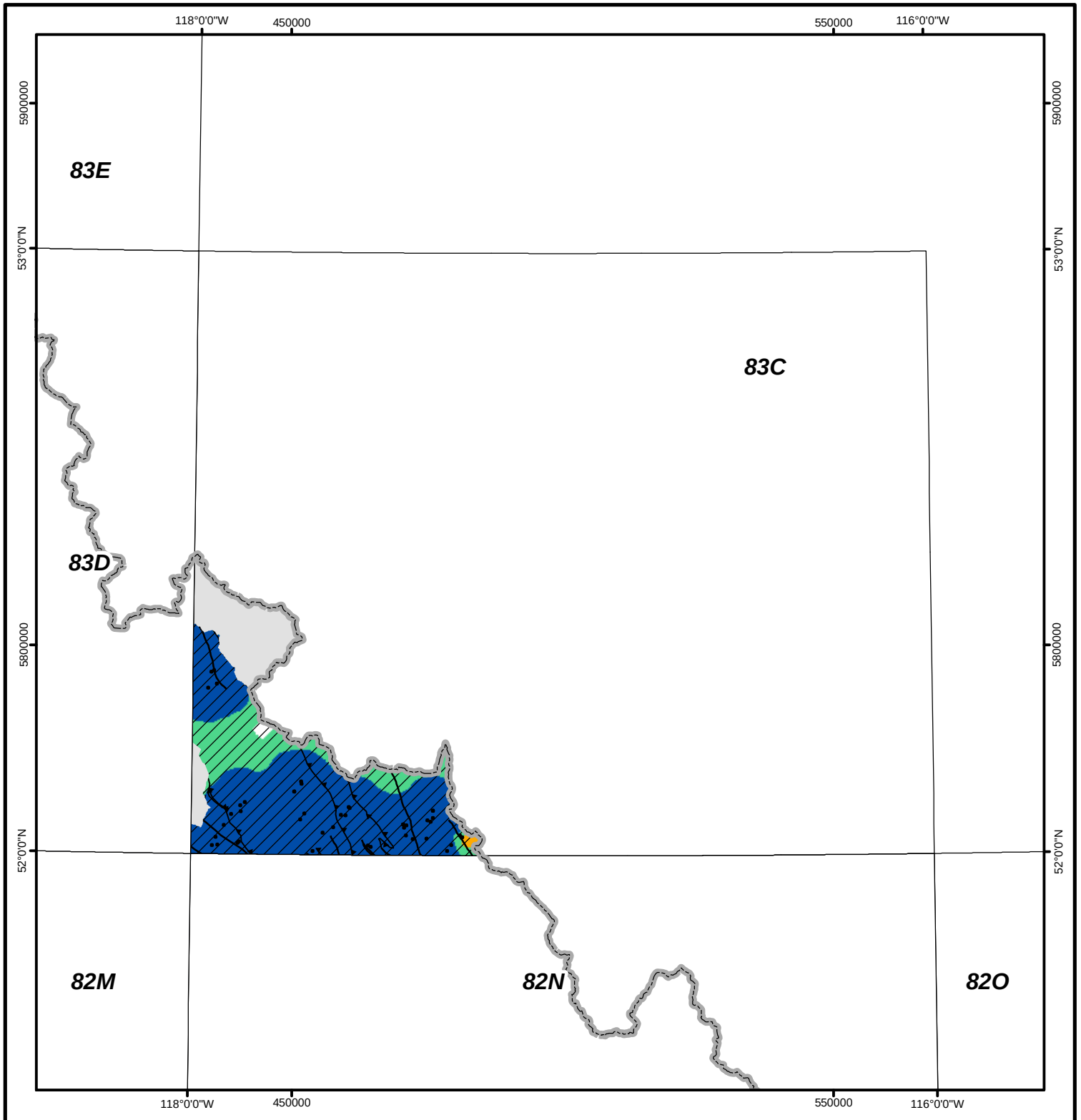
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

INAA: Eu (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-54	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Au (ppb)

- > 8
- 5 - 8
- 2 - 5
- < 2

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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N

0 10 20 km

NAD83 UTM Zone 11N

GEOSCIENCE BC

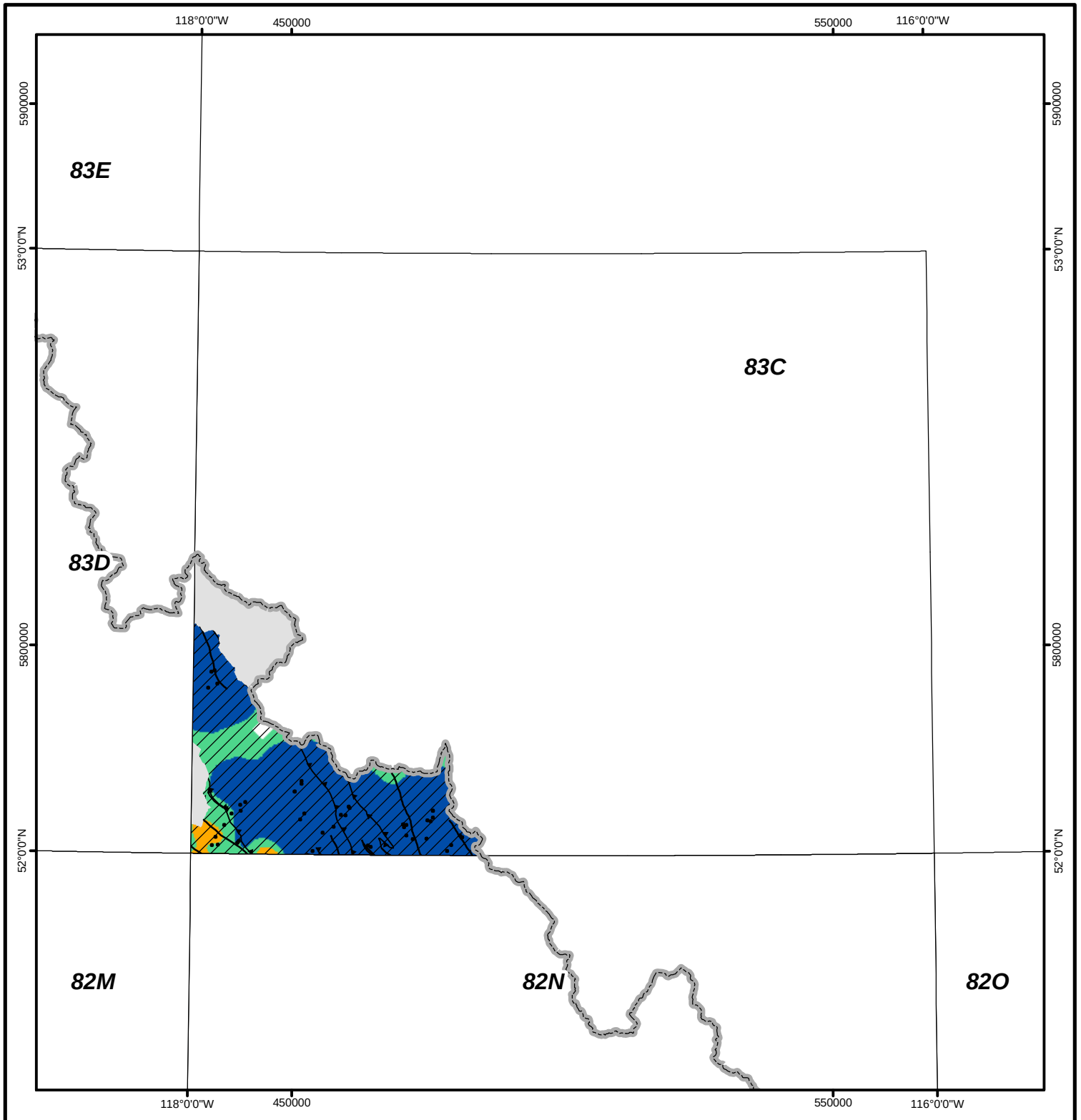
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

INAA: Au (ppb)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-55	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Hf (ppm)

- > 25
- 18 - 25
- 11 - 18
- < 11

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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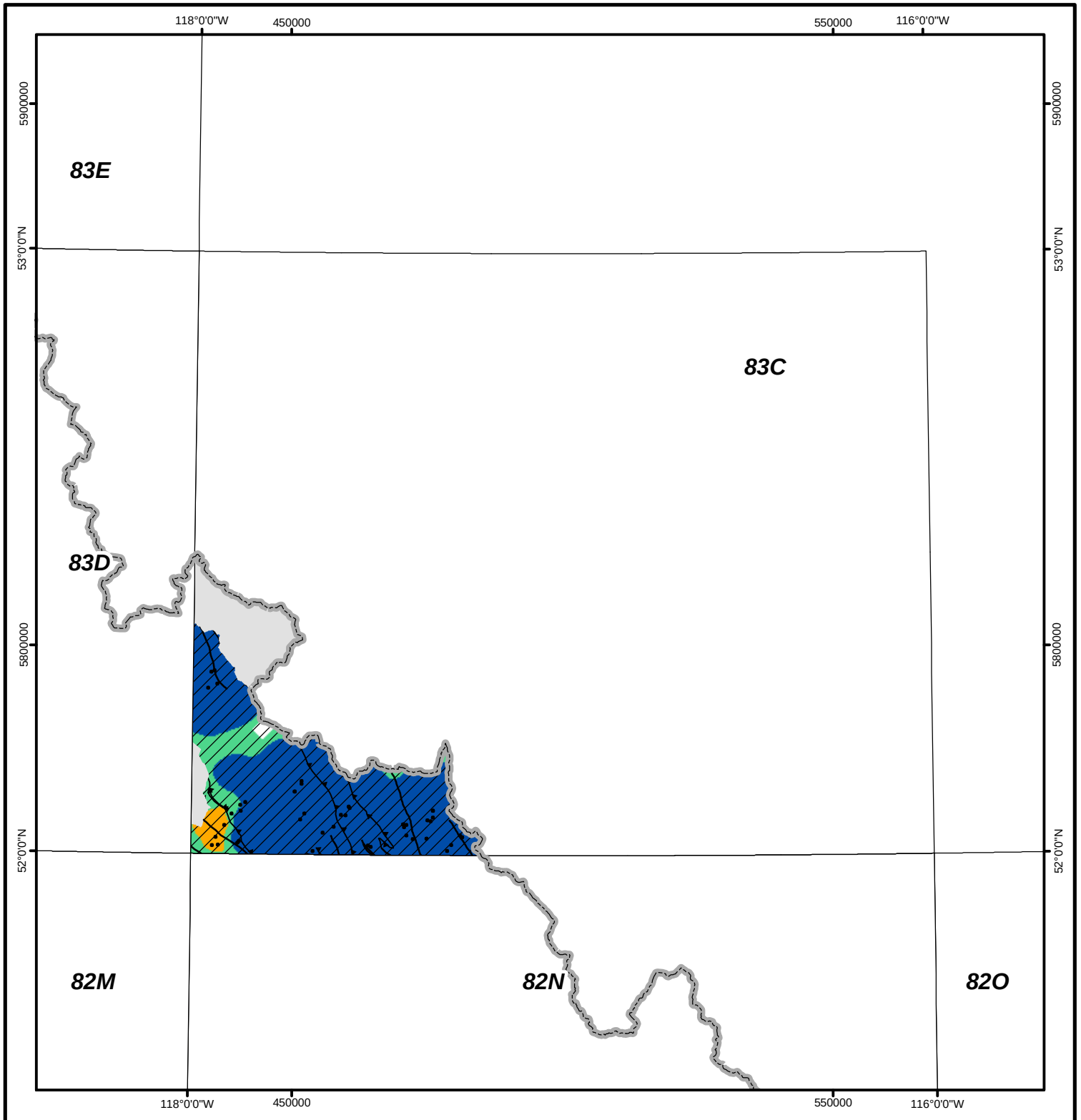
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

INAA: Hf (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-56	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Fe (%)

- > 6.07
- 4.86 - 6.07
- 3.65 - 4.86
- < 3.65

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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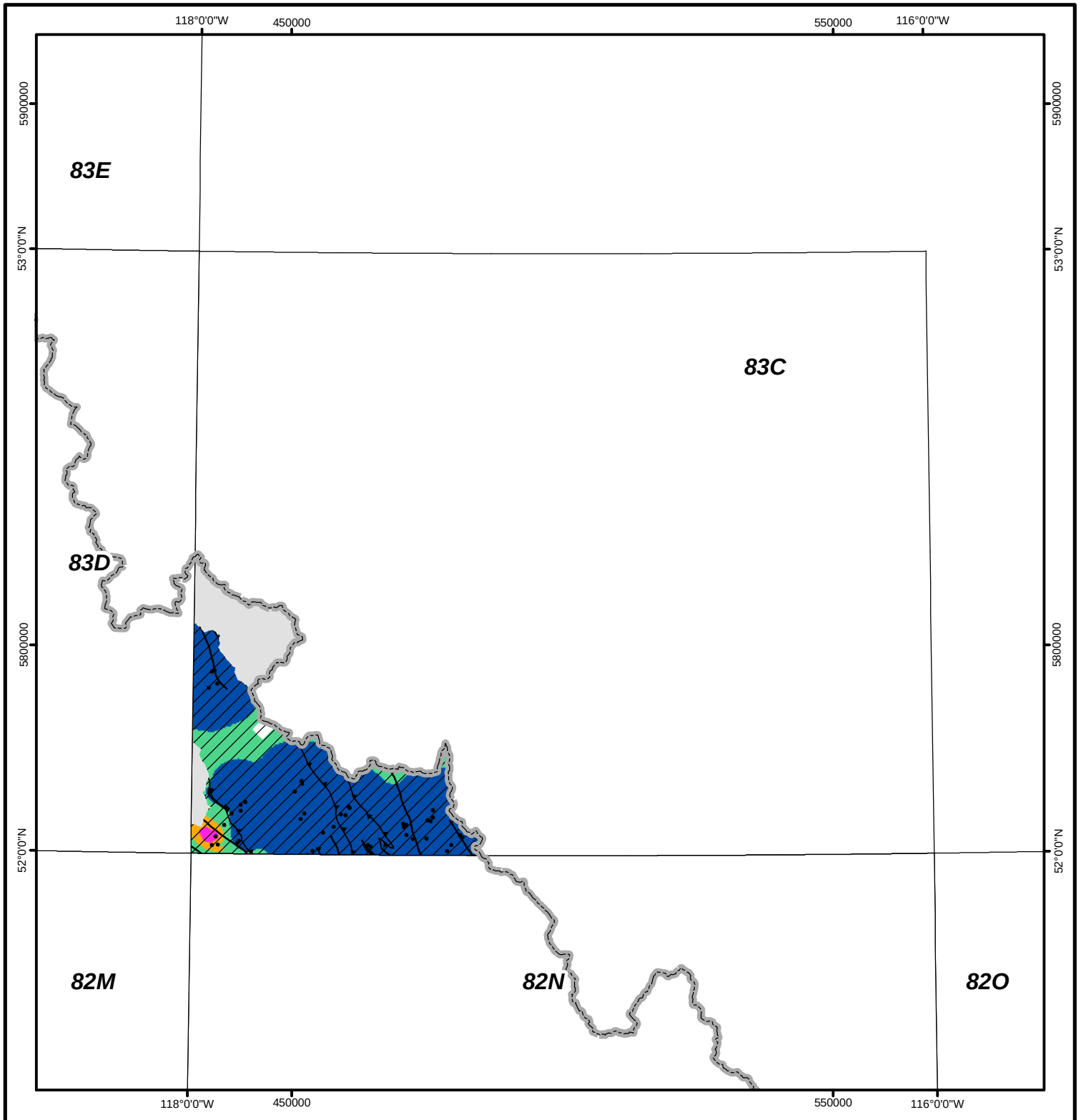
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

INAA: Fe (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-57	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

La (ppm)

- > 180.7
- 131.9 - 180.7
- 83.1 - 131.9
- < 83.1

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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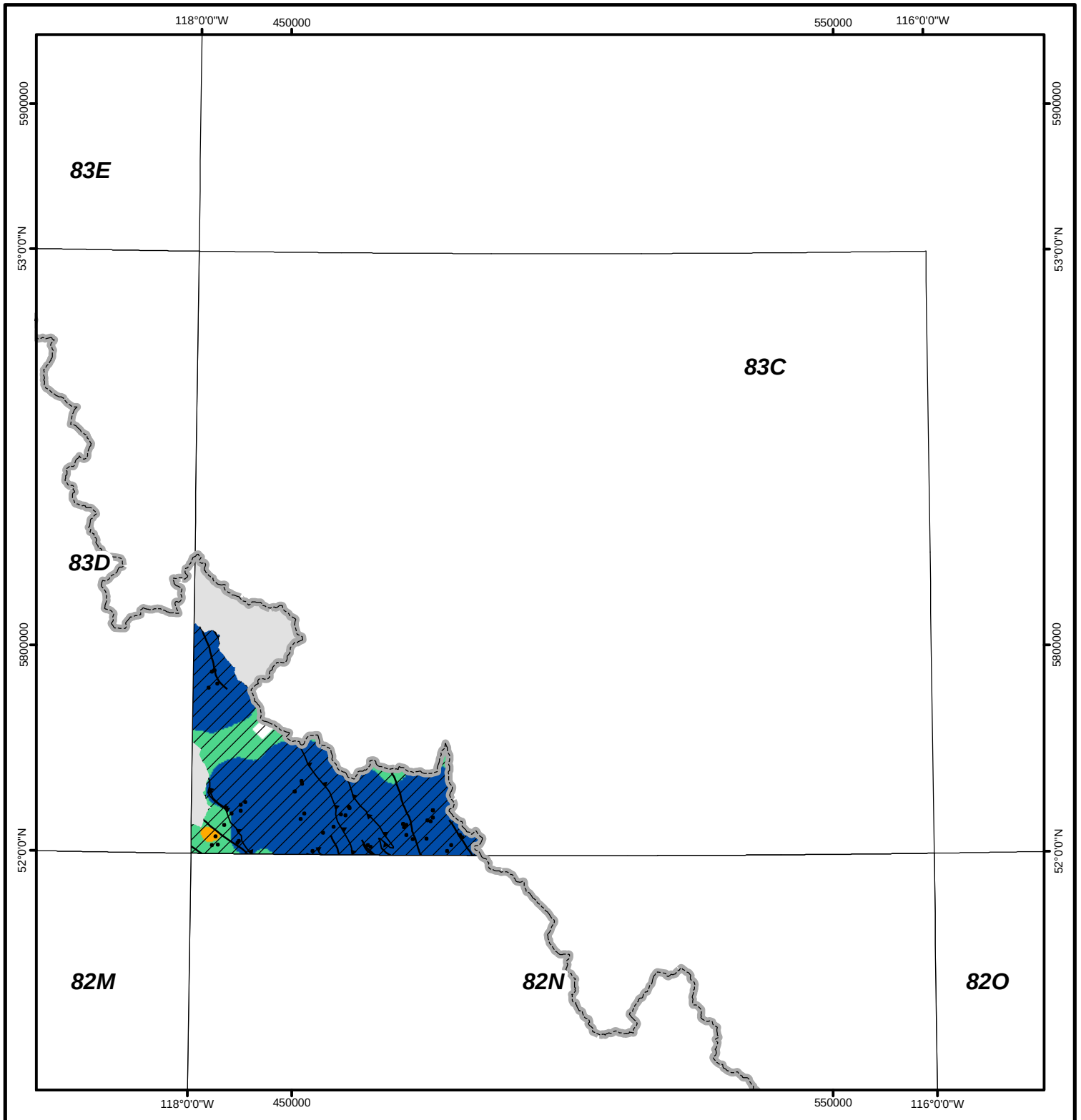
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

INAA: La (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-58	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Lu (ppm)

- > 1.18
- 0.87 - 1.18
- 0.56 - 0.87
- < 0.56

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
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Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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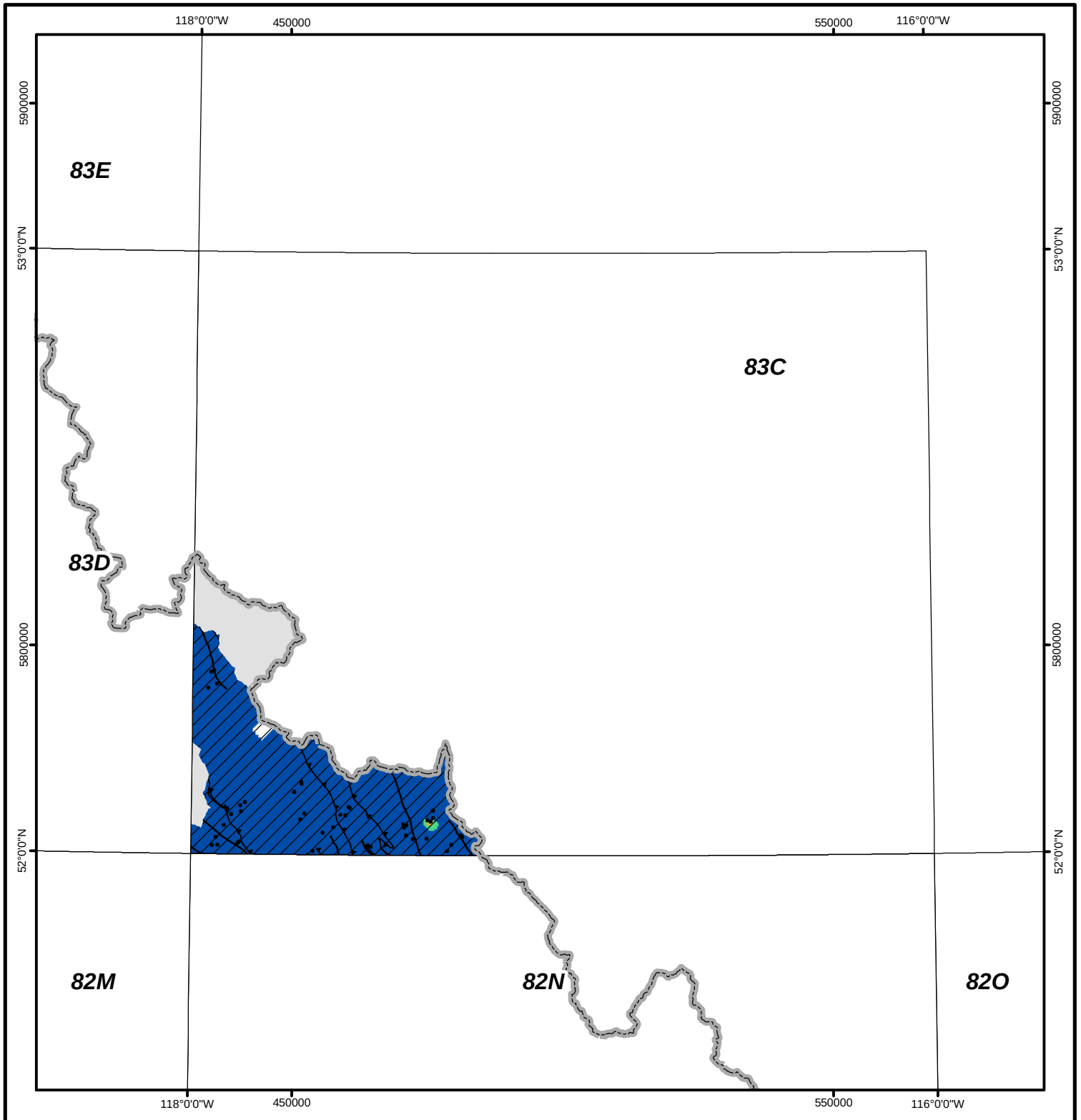
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

INAA: Lu (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-59	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Mo (ppm)

- > 4
- 3 - 4
- 2 - 3
- < 2

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
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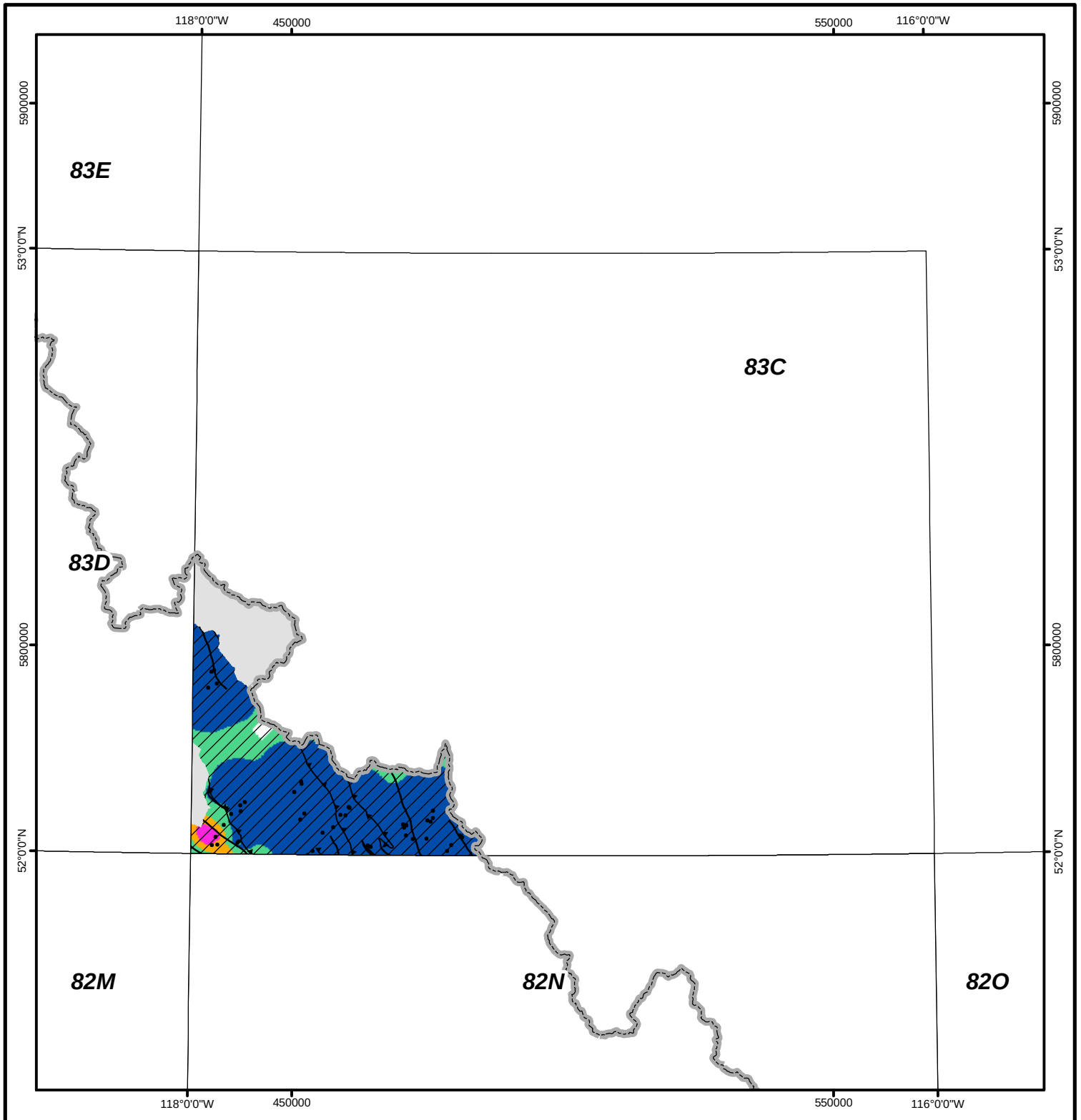
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

INAA: Mo (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-60	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Nd (ppm)

- > 131
- 97 - 131
- 63 - 97
- < 63

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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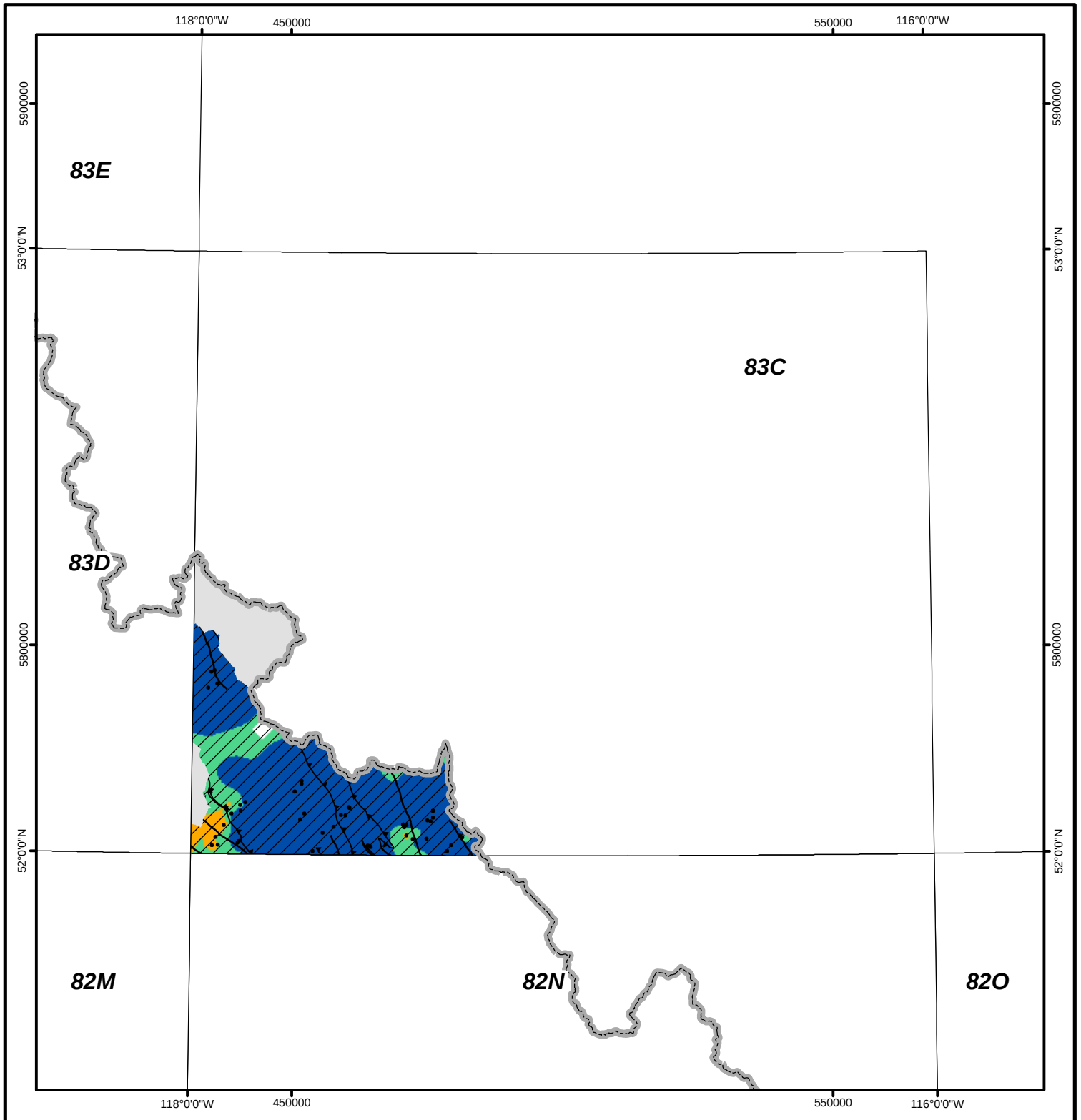
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

INAA: Nd (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-61	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Rb (ppm)

- > 145
- 115 - 145
- 85 - 115
- < 85

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
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N

0 10 20 km

NAD83 UTM Zone 11N

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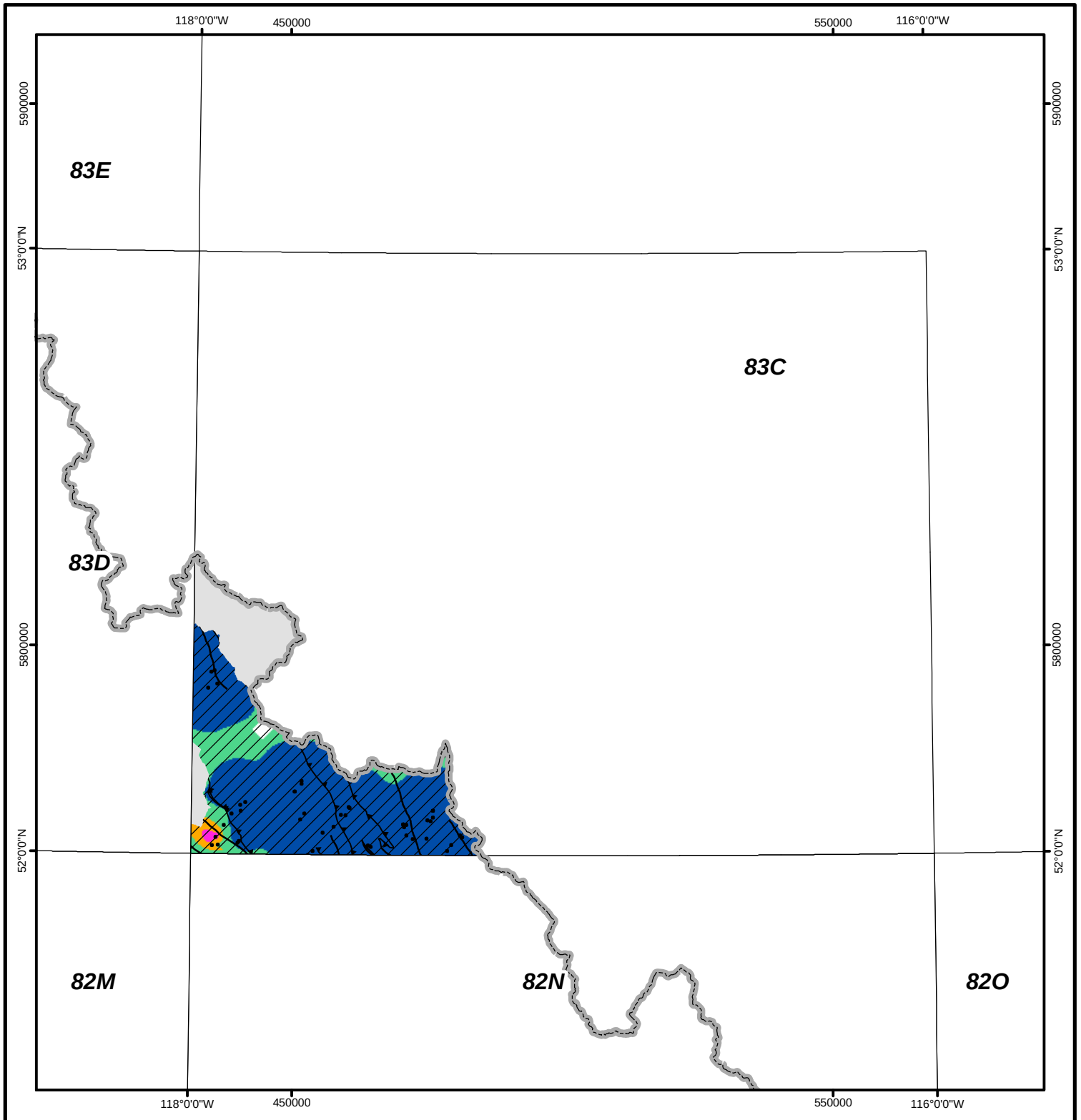
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

INAA: Rb (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-62	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Sm (ppm)

- > 25.0
- 18.3 - 25.0
- 11.6 - 18.3
- < 11.6

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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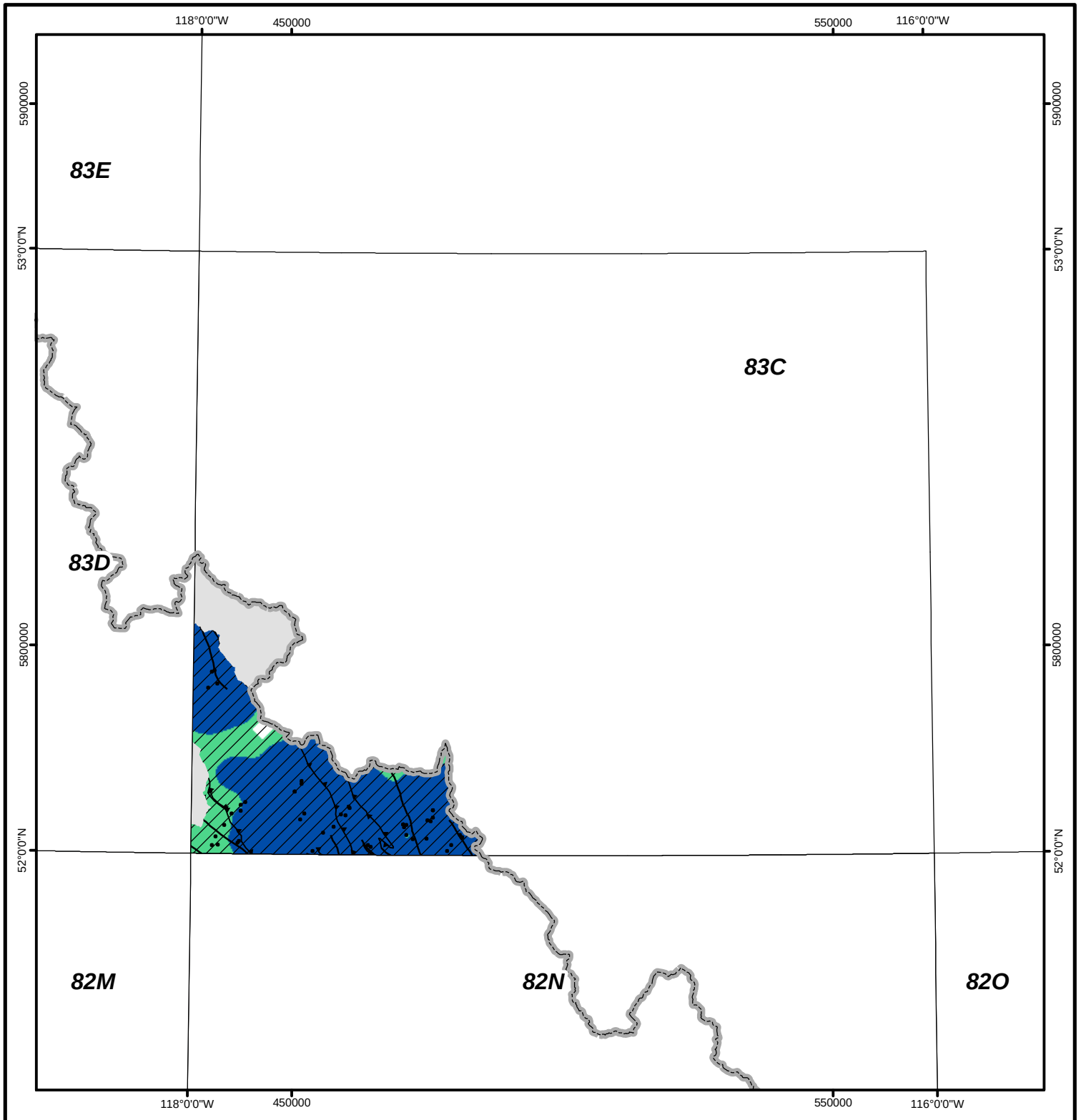
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

INAA: Sm (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-63	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Sc (ppm)

- > 19.7
- 15.5 - 19.7
- 11.3 - 15.5
- < 11.3

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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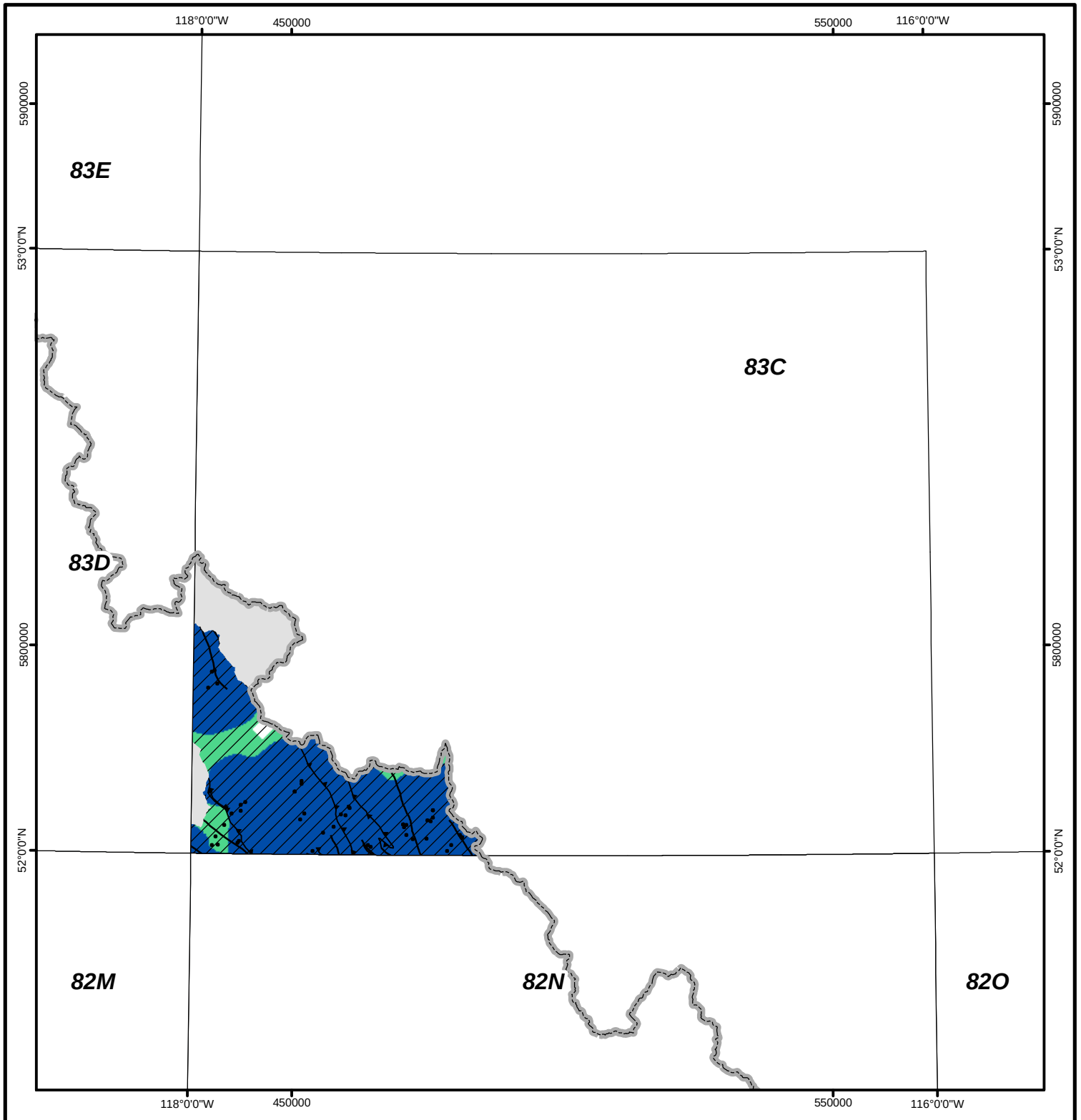
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

INAA: Sc (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-64	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Na (%)

- > 1.70
- 1.28 - 1.70
- 0.86 - 1.28
- < 0.86

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
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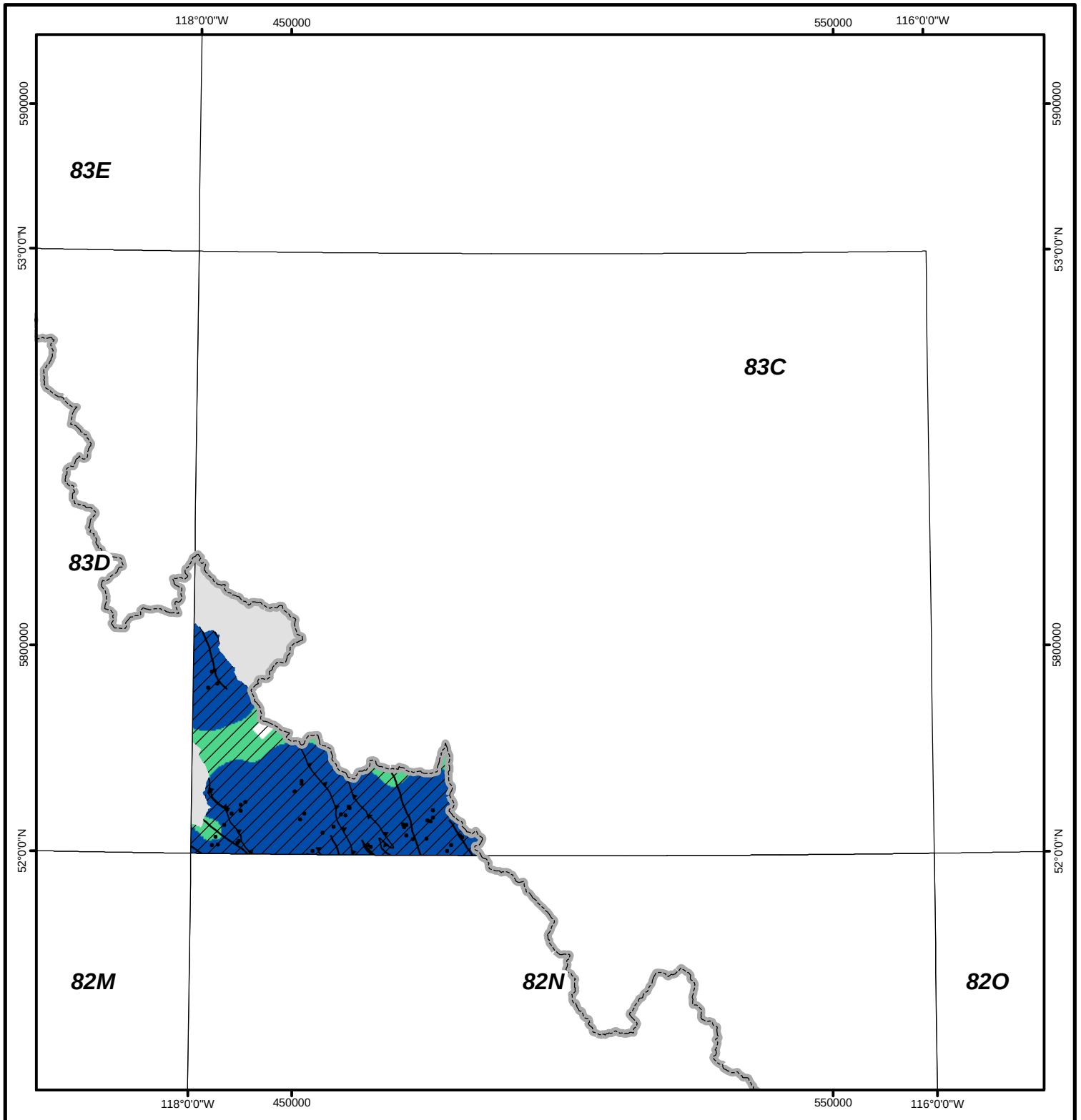
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

INAA: Na (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-65	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ta (ppm)

- > 3.8
- 2.7 - 3.8
- 1.6 - 2.7
- < 1.6

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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GEOSCIENCE BC

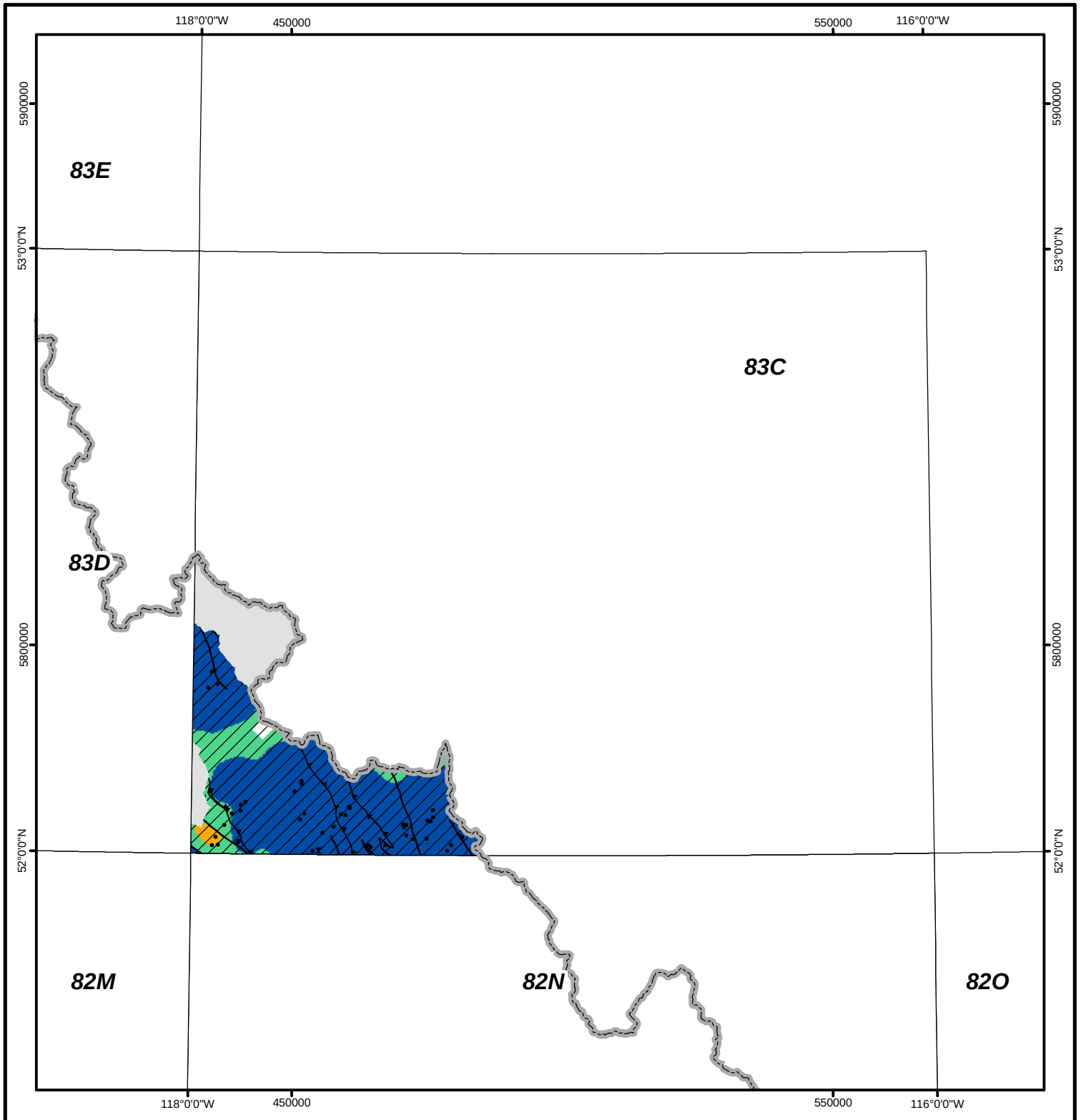
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

INAA: Ta (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-66	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Tb (ppm)

- > 2.9
- 2.1 - 2.9
- 1.3 - 2.1
- < 1.3

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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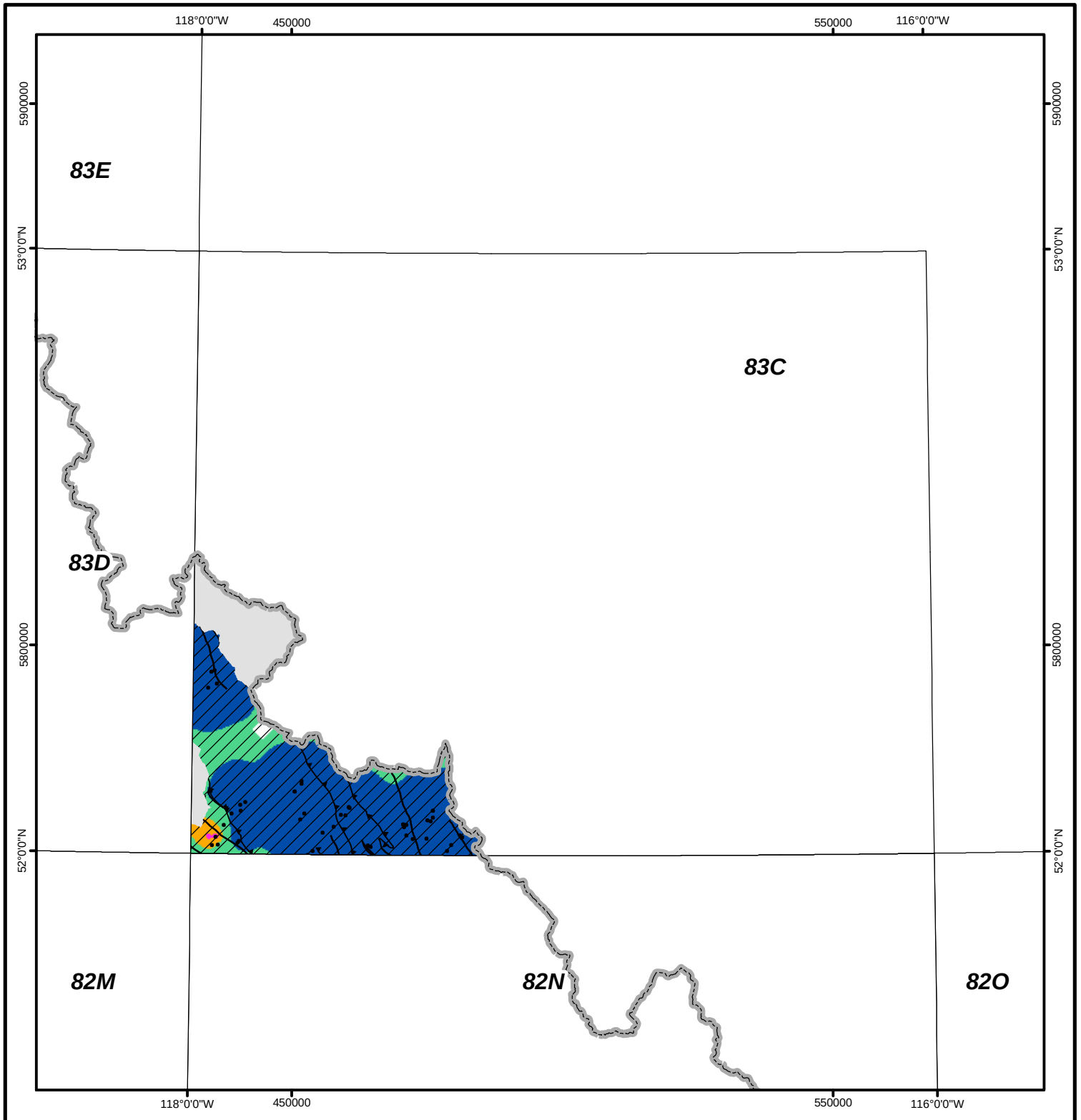
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

INAA: Tb (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-67	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Th (ppm)

- > 45
- 33 - 45
- 21 - 33
- < 21

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

GEOSCIENCE BC

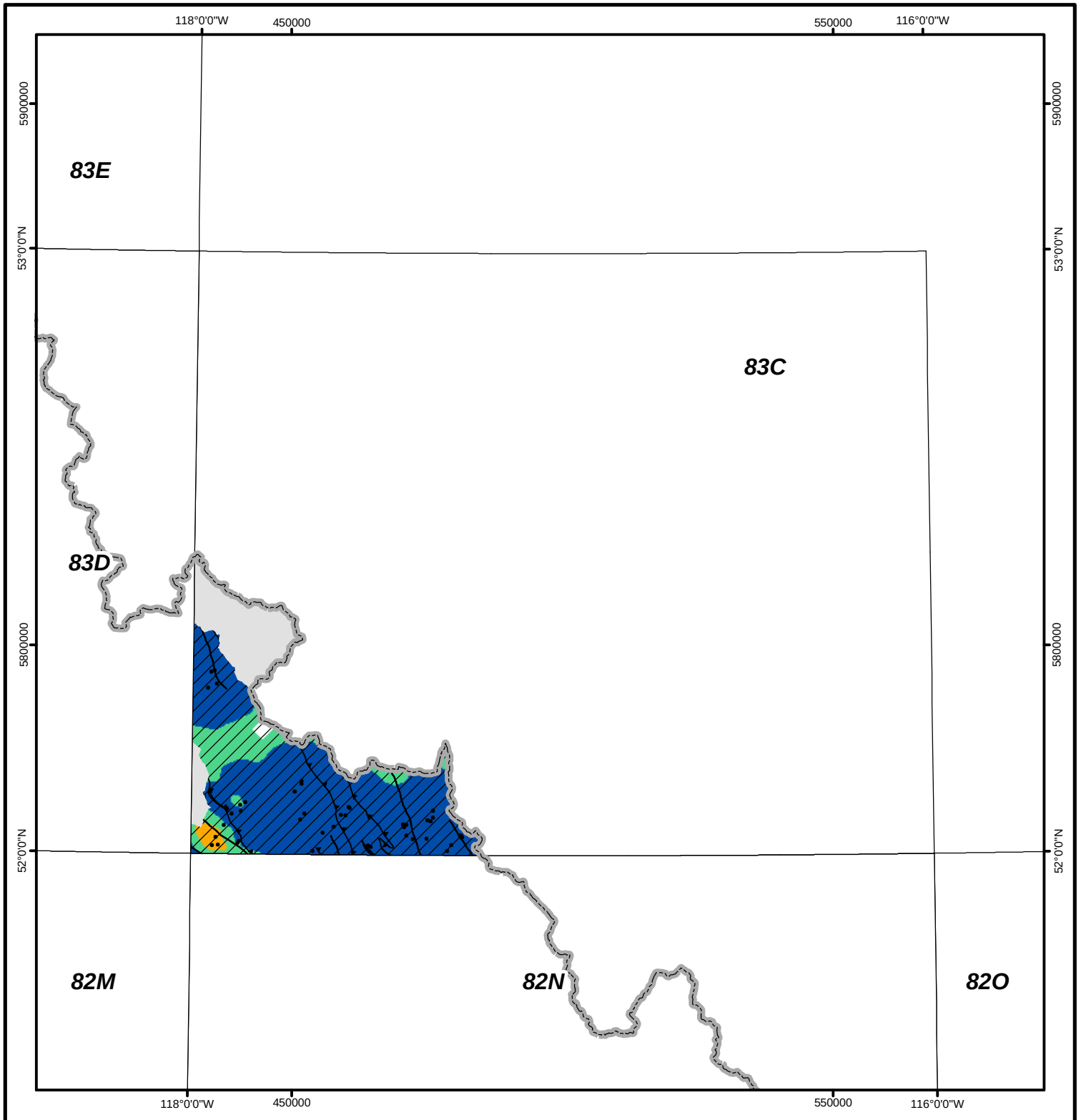
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

INAA: Th (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-68	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

W (ppm)

- > 6
- 4 - 6
- 2 - 4
- < 2

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

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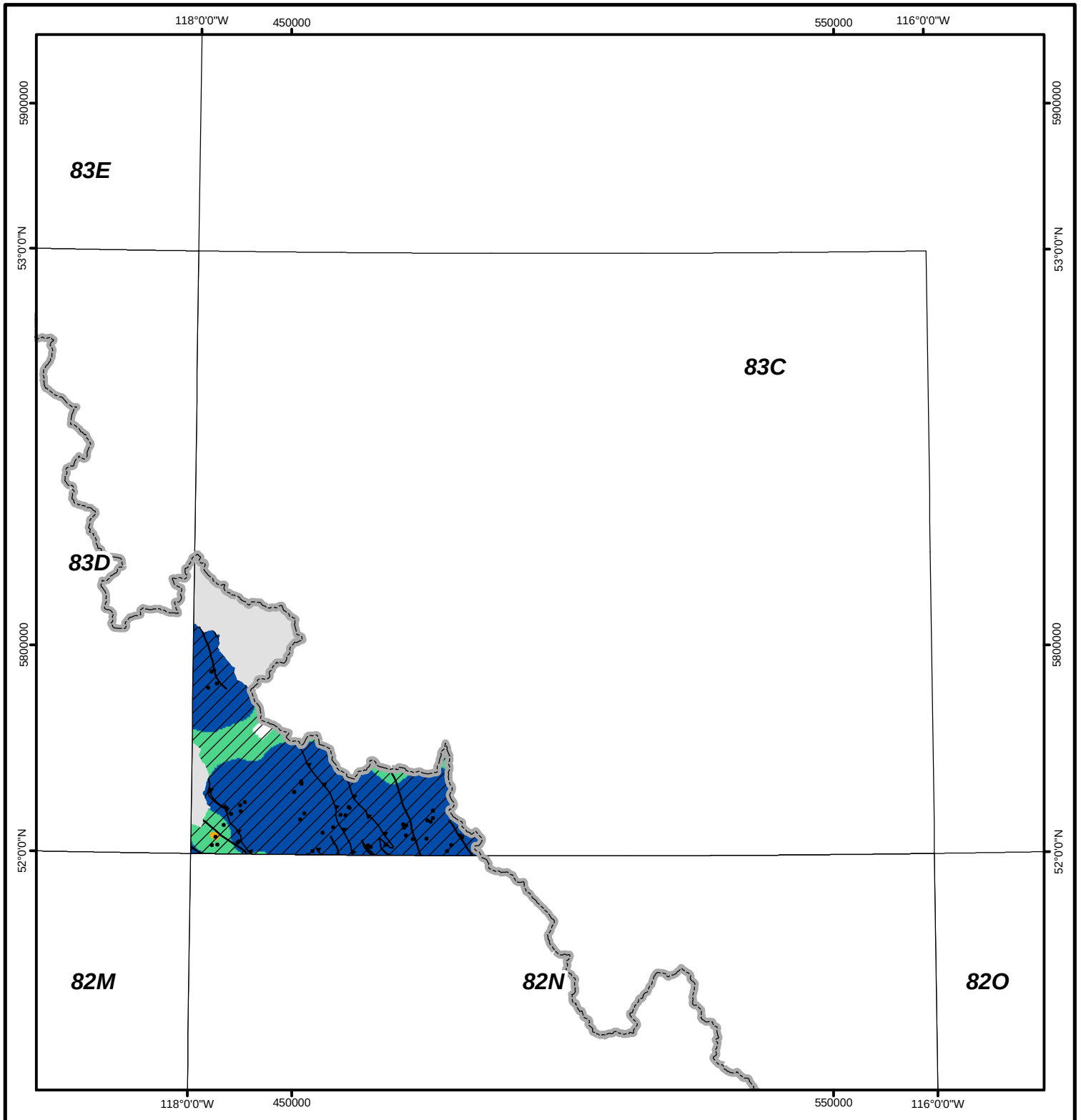
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

INAA: W (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-69	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

U (ppm)

- > 12.9
- 9.3 - 12.9
- 5.7 - 9.3
- < 5.7

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

N

0 10 20 km

NAD83 UTM Zone 11N

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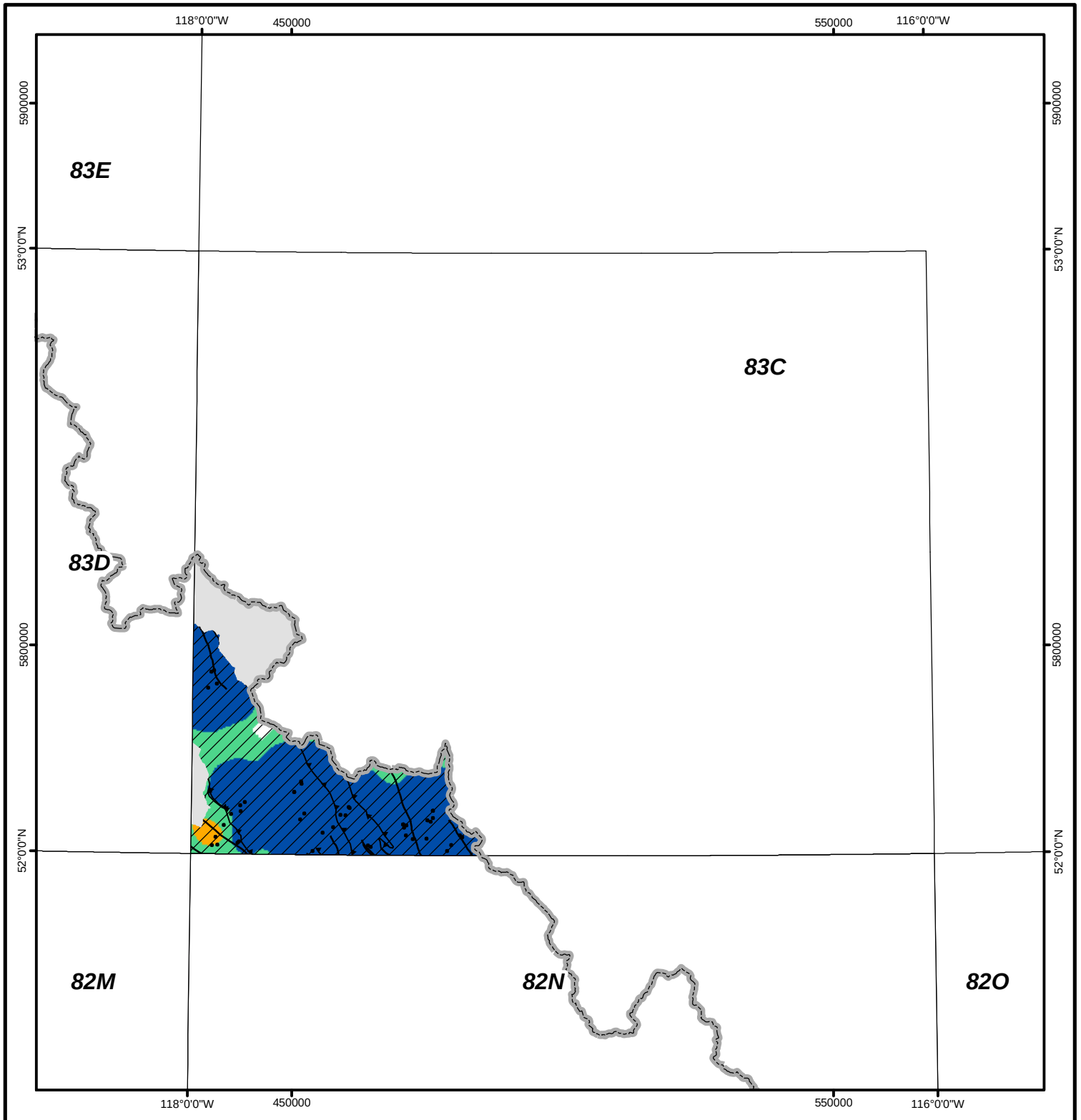
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

INAA: U (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-70	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Yb (ppm)

- > 7.6
- 5.6 - 7.6
- 3.6 - 5.6
- < 3.6

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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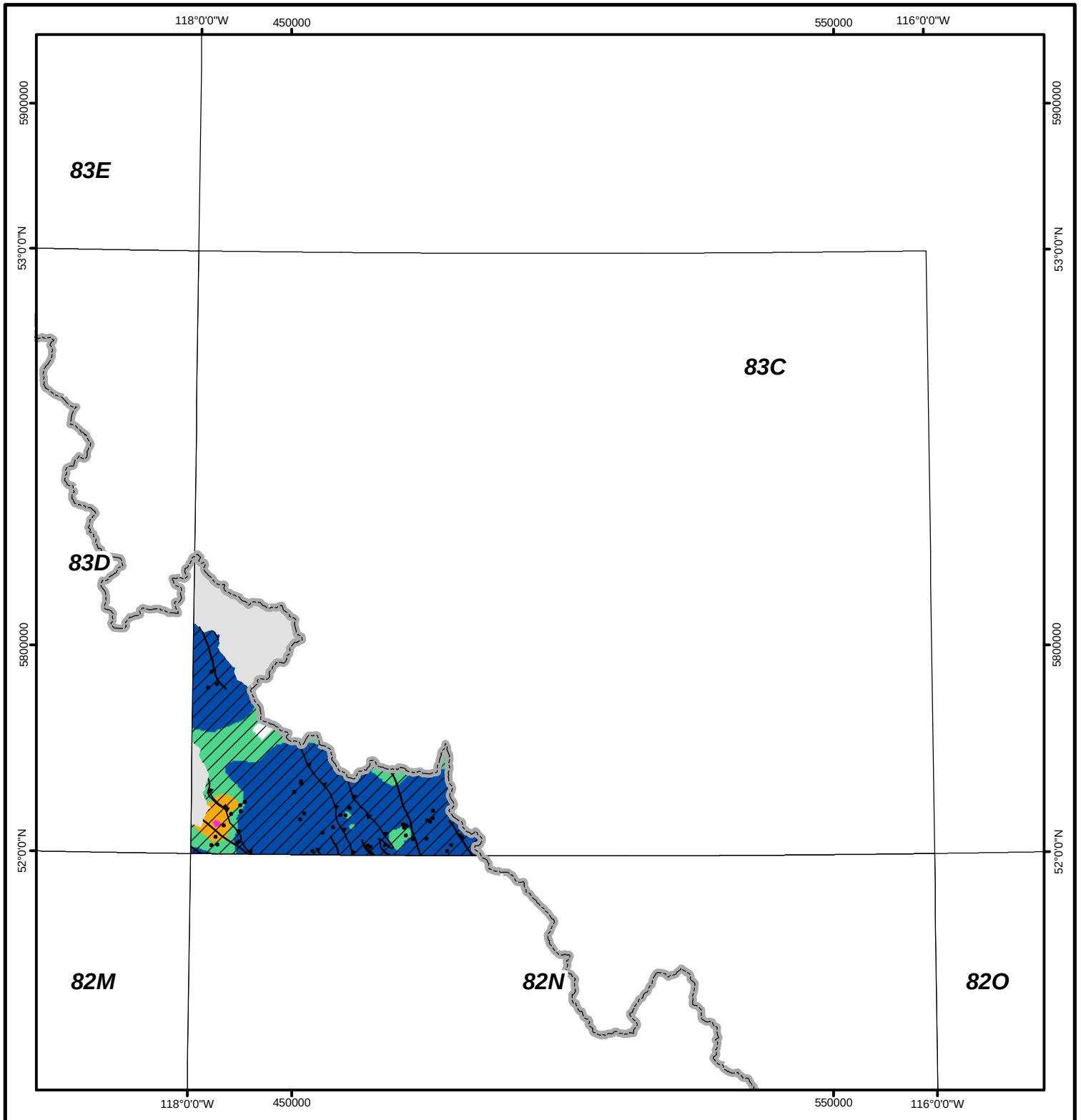
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

INAA: Yb (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-71	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Zn (ppm)

- > 106
- 77 - 106
- 48 - 77
- < 48

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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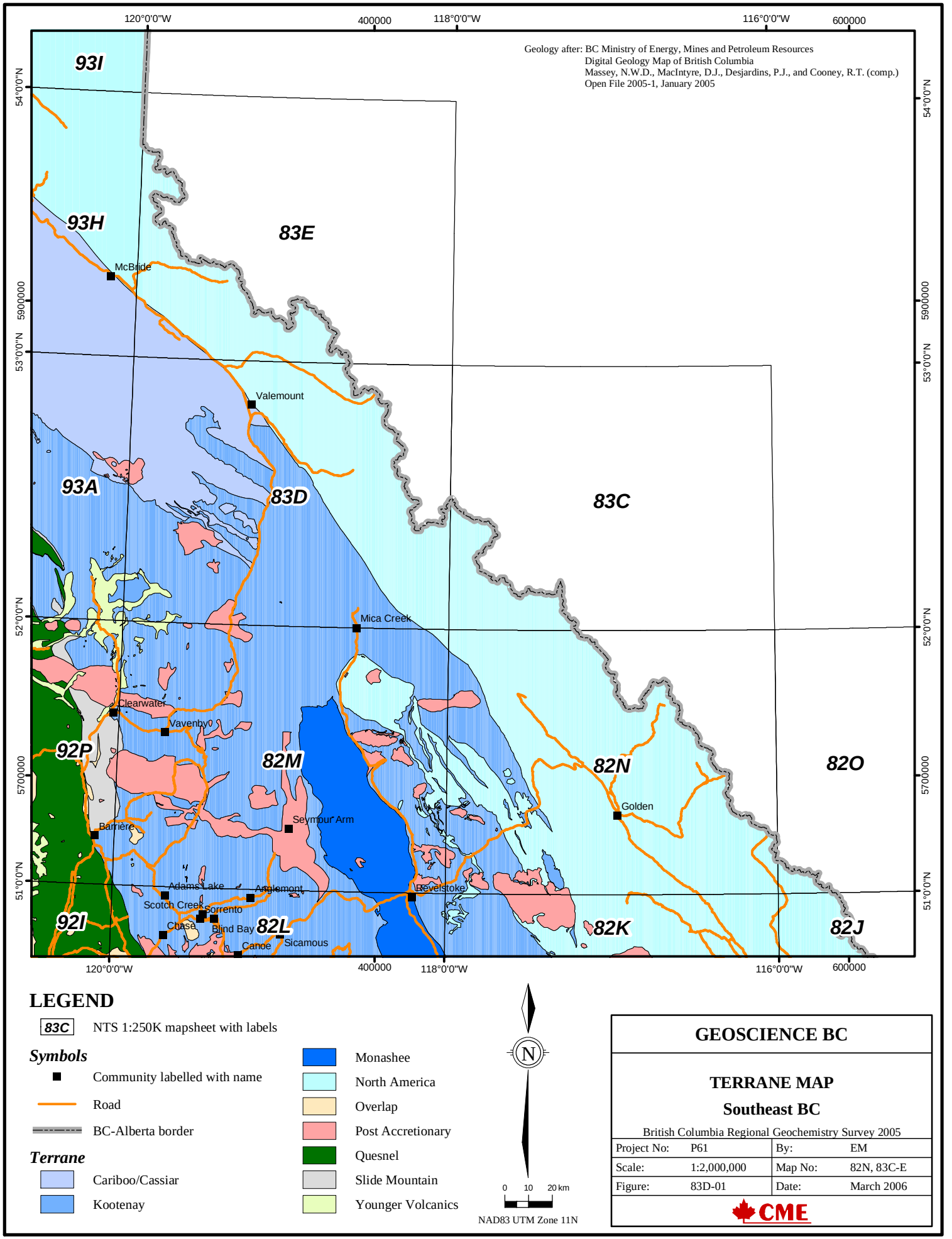
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83C

INAA: Zn (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83C
Figure:	83C-72	Date:	March 2006

CME



LEGEND

83C NTS 1:250K mapsheet with labels

Symbols

- Community labelled with name
- Road
- BC-Alberta border

Terrane

- Cariboo/Cassiar
- Kootenay
- Monashee
- North America
- Overlap
- Post Accretionary
- Quesnel
- Slide Mountain
- Younger Volcanics

N

0 10 20 km

NAD83 UTM Zone 11N

GEOSCIENCE BC

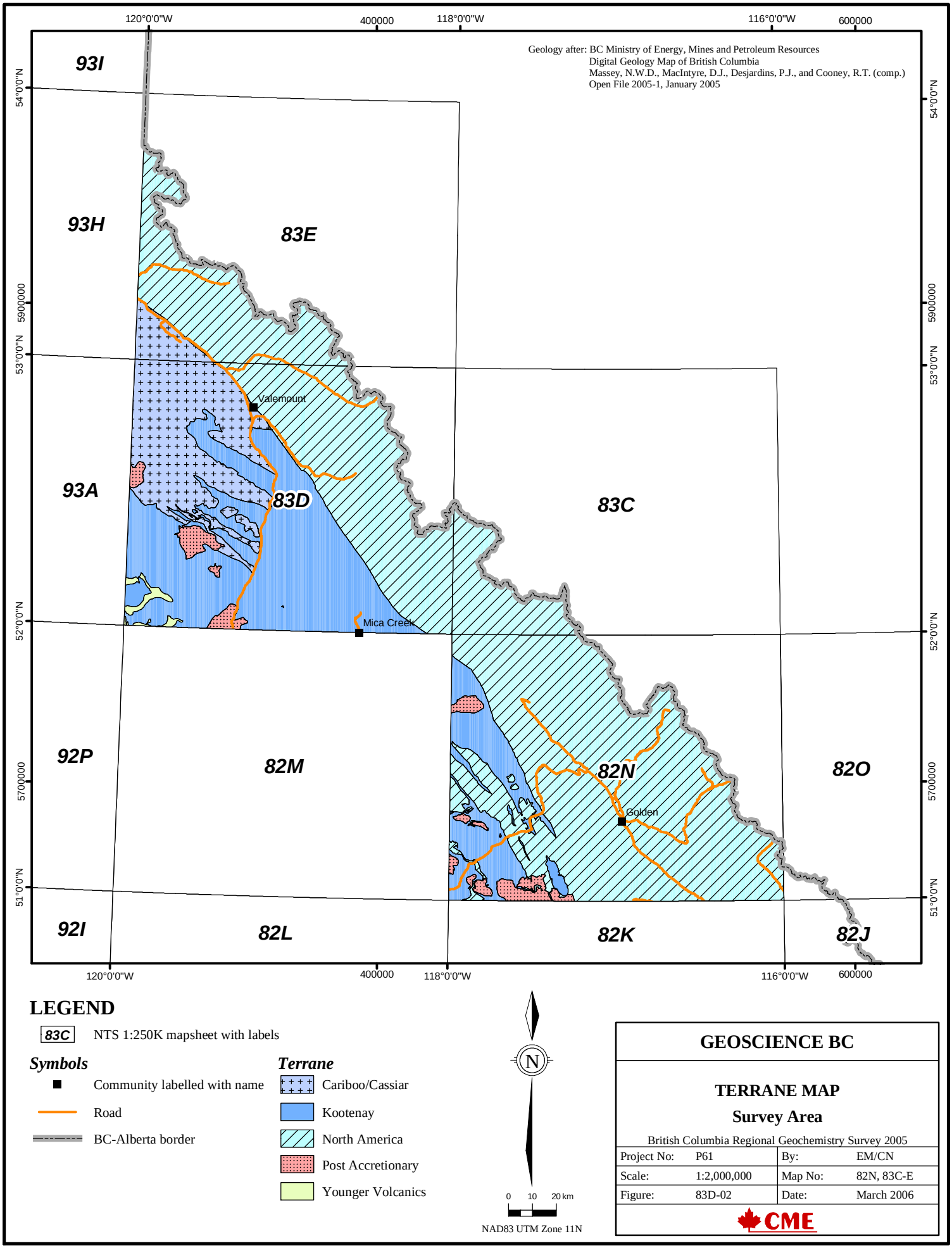
TERRANE MAP

Southeast BC

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM
Scale:	1:2,000,000	Map No:	82N, 83C-E
Figure:	83D-01	Date:	March 2006

CME



LEGEND

83C NTS 1:250K mapsheet with labels

Symbols

- Community labelled with name
- Road
- BC-Alberta border

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary
- Younger Volcanics

N

0 10 20 km

NAD83 UTM Zone 11N

GEOSCIENCE BC

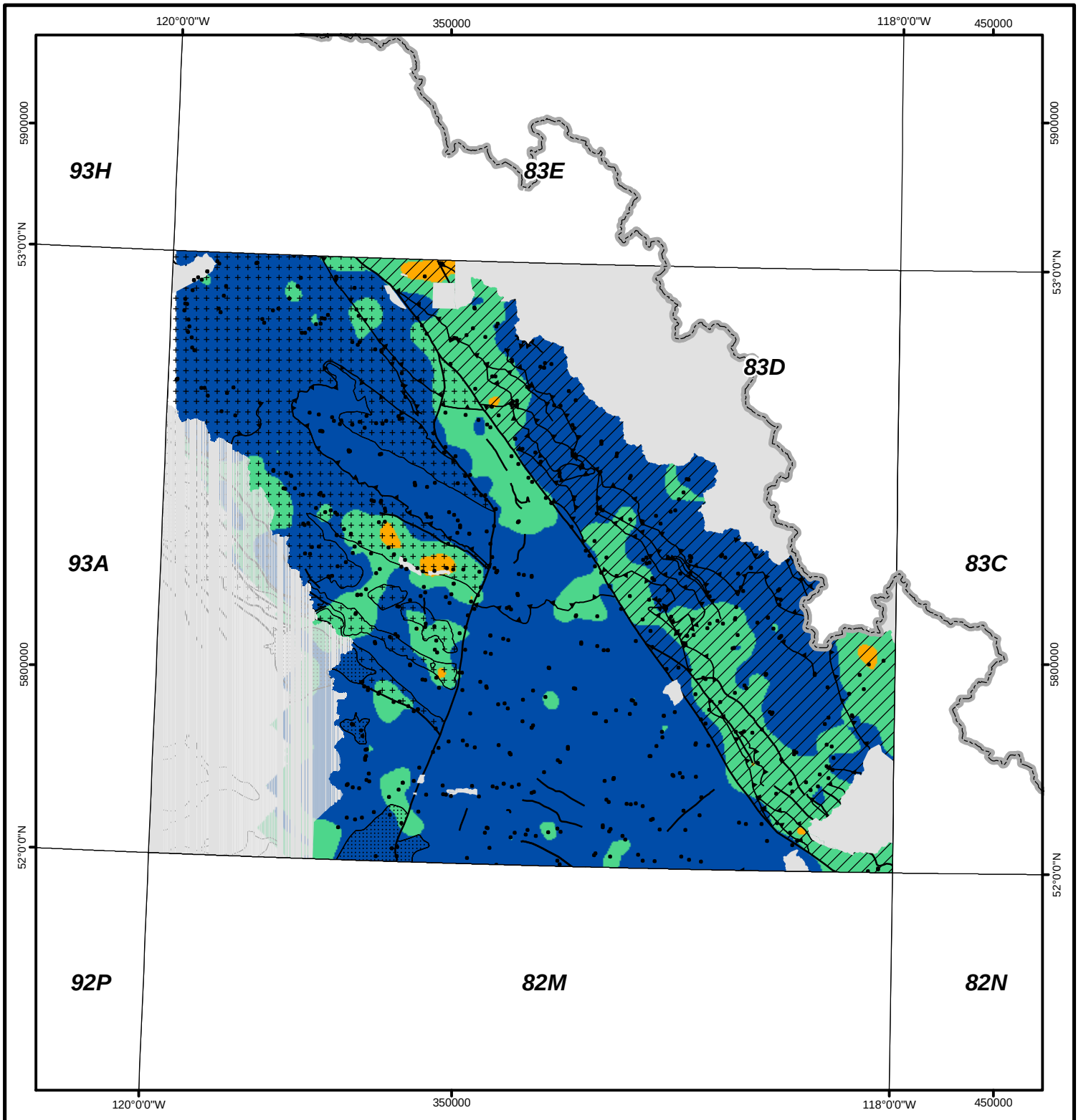
TERRANE MAP

Survey Area

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:2,000,000	Map No:	82N, 83C-E
Figure:	83D-02	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

pH

- > 8.81
- 8.13 - 8.81
- 7.45 - 8.13
- < 7.45

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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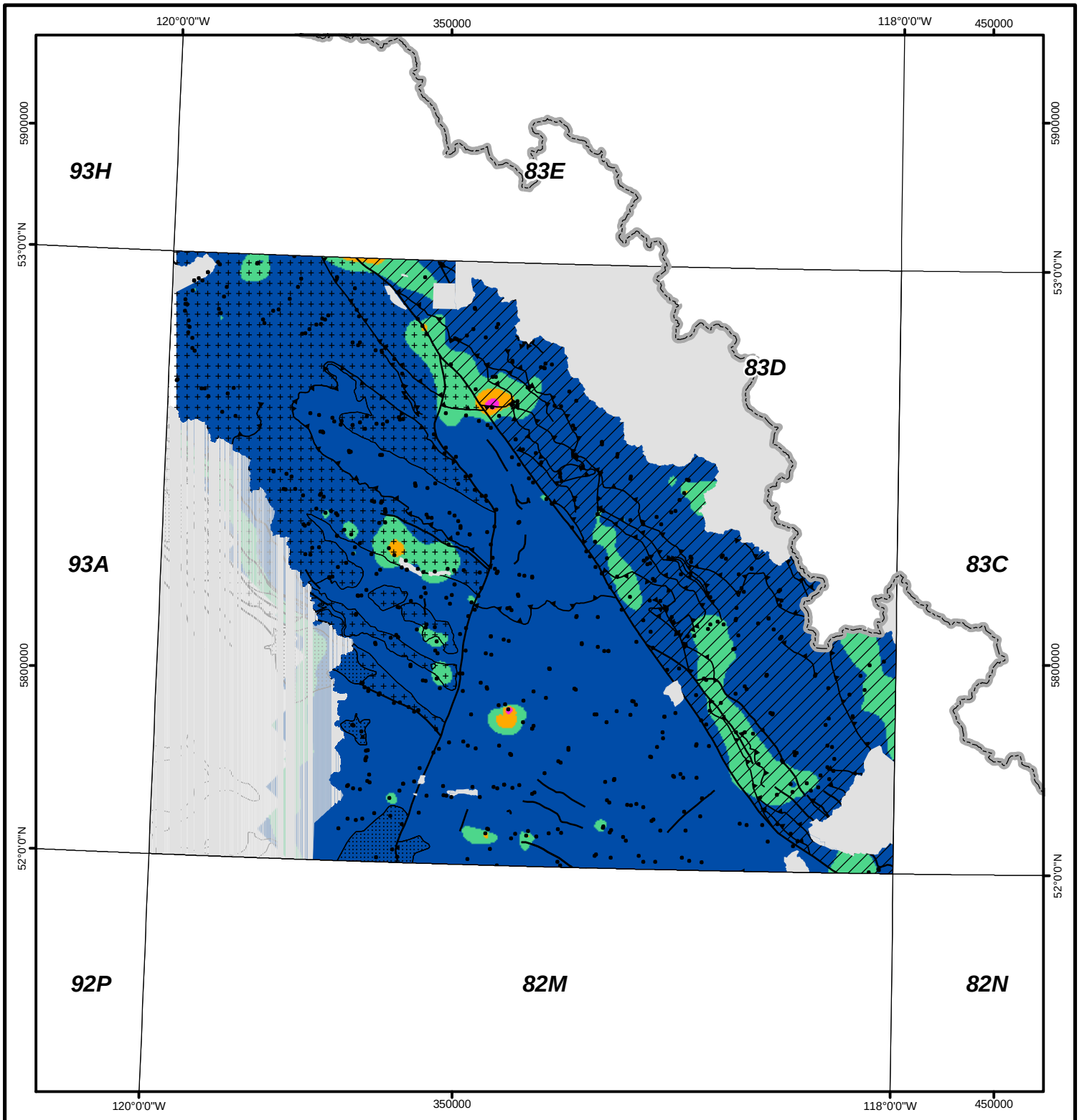
WATER GEOCHEMICAL PLAN MAP
Mapsheet 83D

pH

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-03	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

µS

- > 391.30
- 274.78 - 391.30
- 158.26 - 274.78
- < 158.26

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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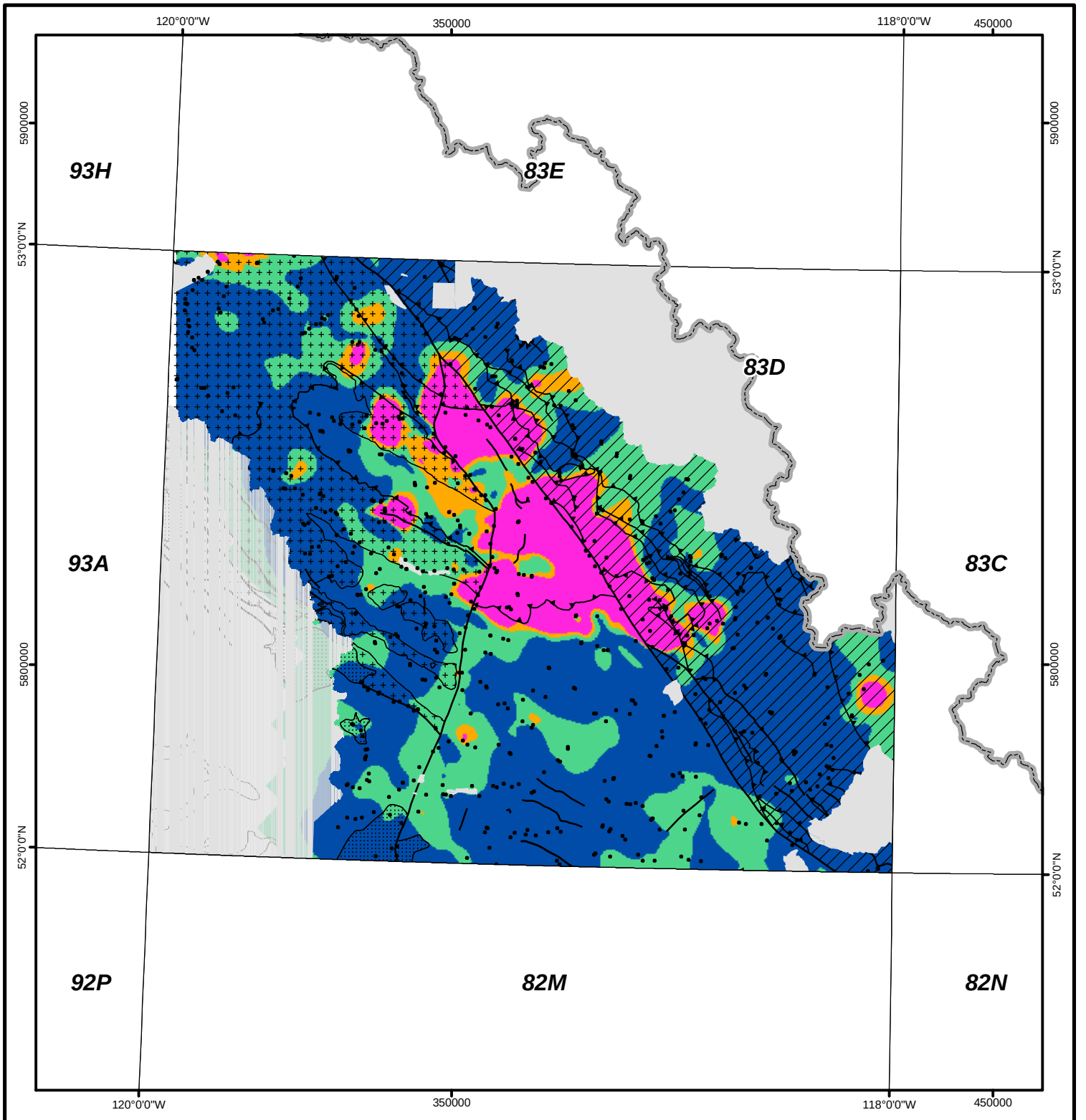
WATER GEOCHEMICAL PLAN MAP
Mapsheet 83D
Conductivity (µS)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-04	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

F (mg/L)

- > 0.10
- 0.07 - 0.10
- 0.04 - 0.07
- < 0.04

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
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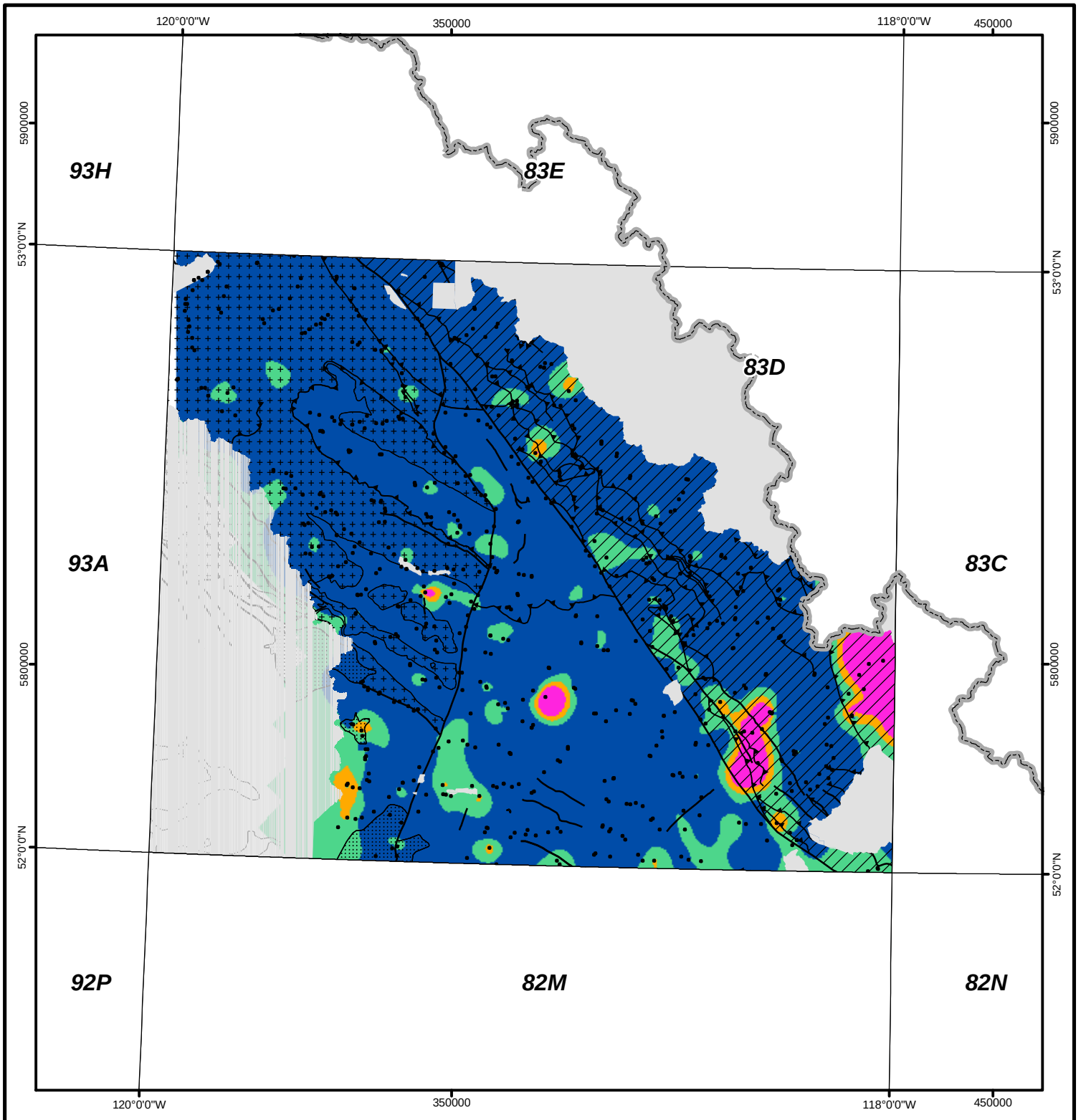
WATER GEOCHEMICAL PLAN MAP
Mapsheet 83D
F (mg/L)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-05	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

LOI (%)

- > 20.2
- 14.1 - 20.2
- 8.0 - 14.1
- < 8.0

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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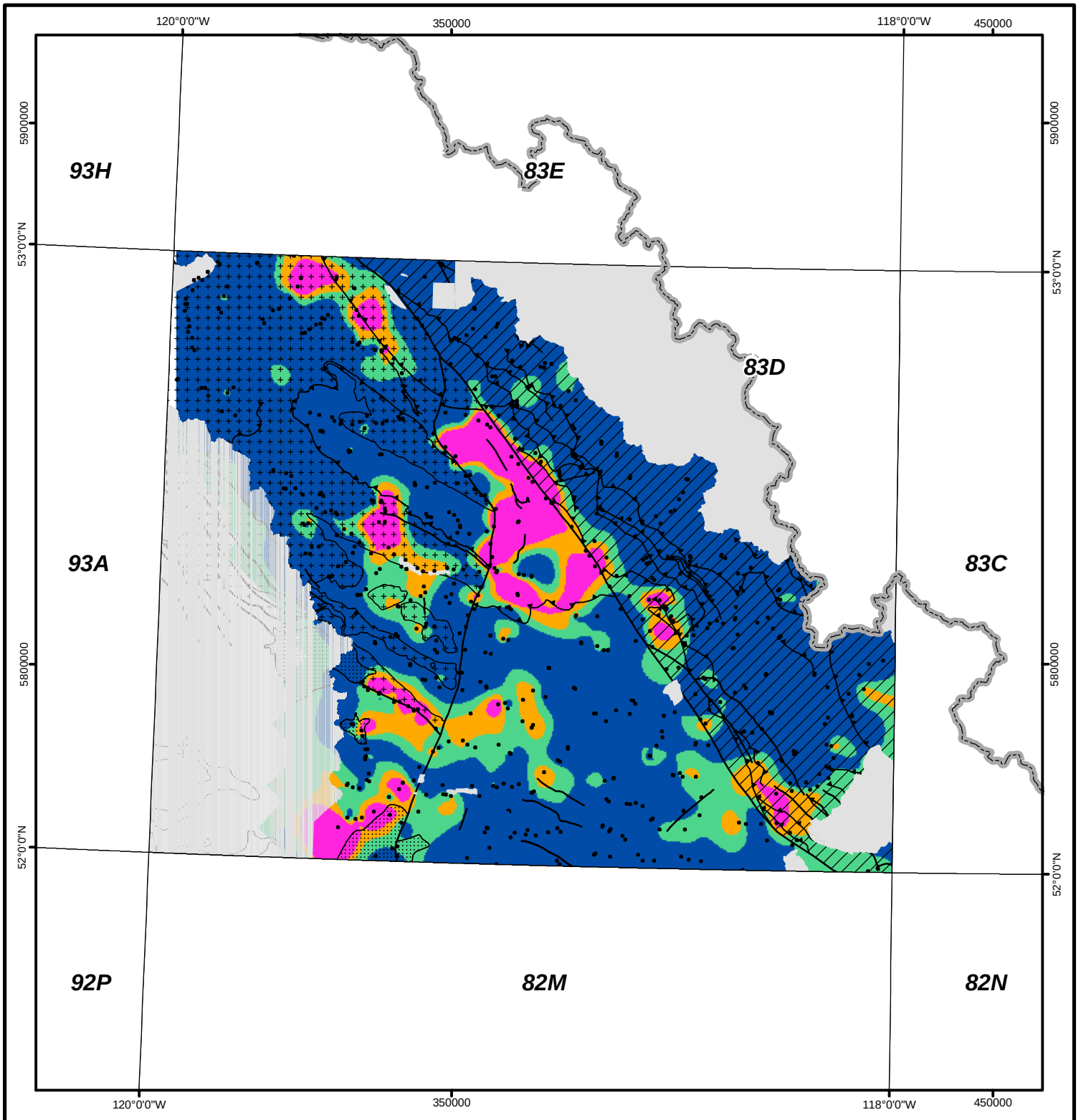
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

Loss on Ignition (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-06	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

F (ppm)

- > 789
- 637 - 789
- 485 - 637
- < 485

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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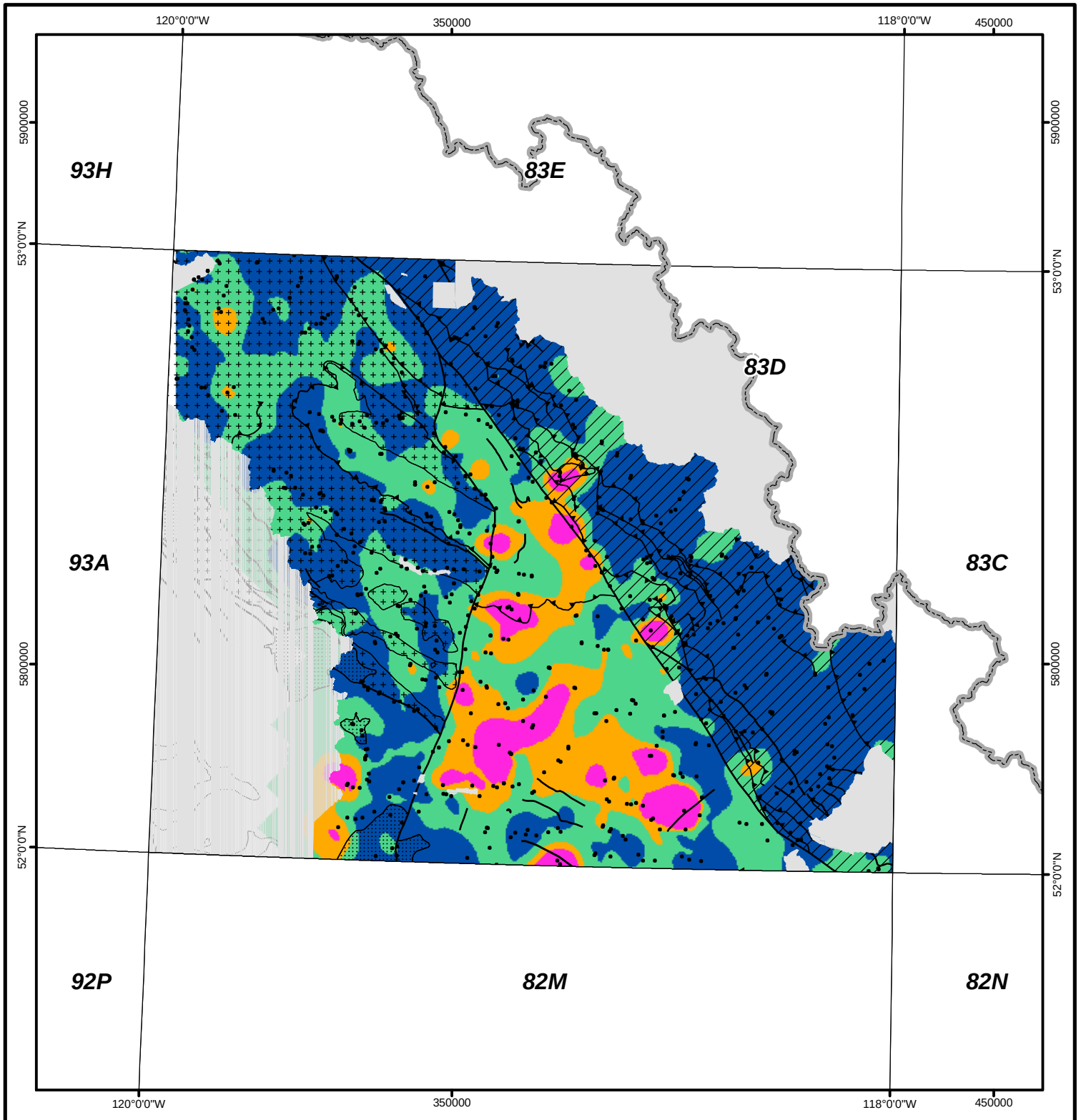
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

F (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-07	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Mo (ppm)

- > 1.68
- 1.14 - 1.68
- 0.60 - 1.14
- < 0.60

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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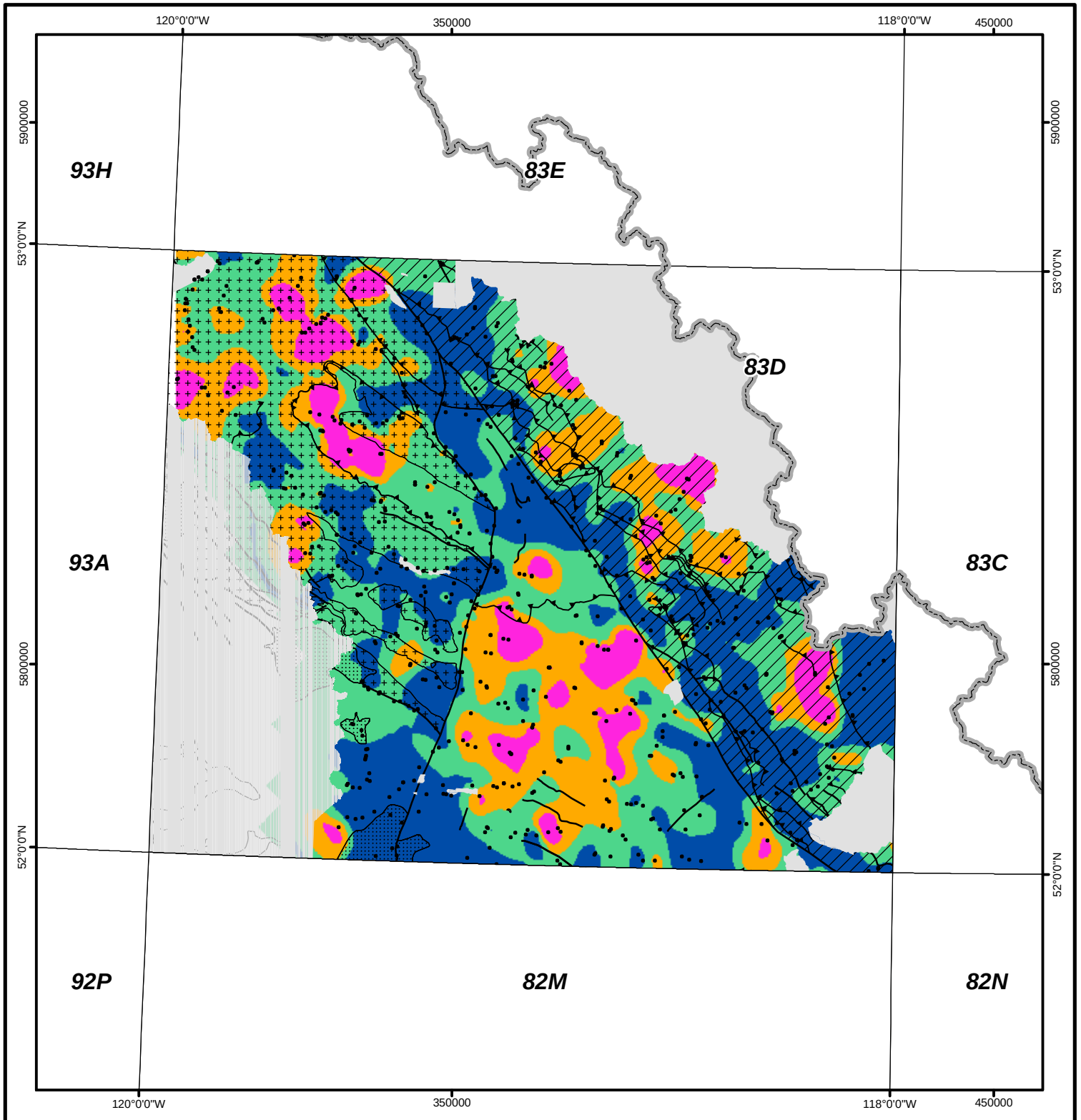
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

ICPMS: Mo (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-08	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Cu (ppm)

- > 52.69
- 39.32 - 52.69
- 25.95 - 39.32
- < 25.95

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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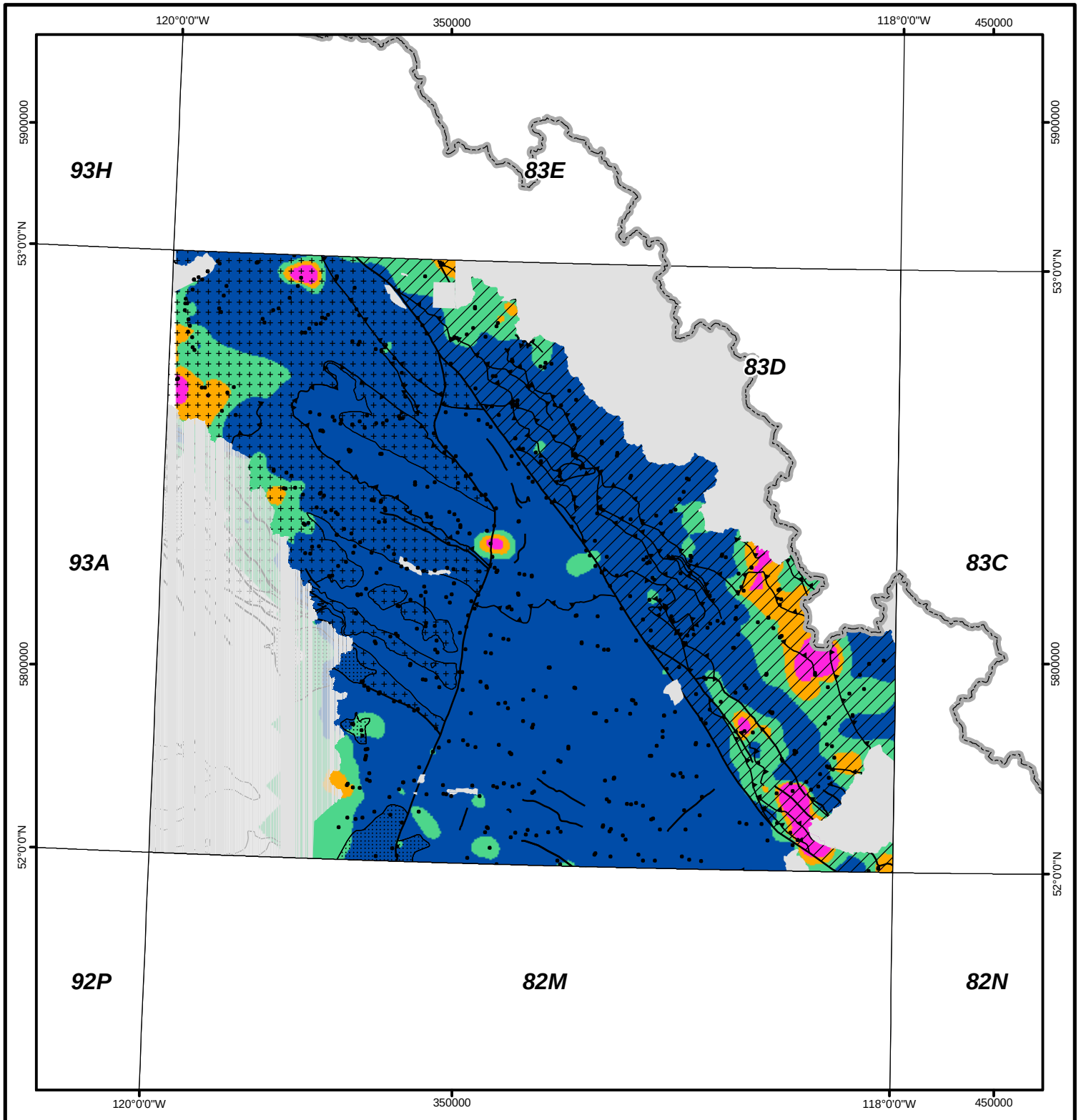
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

ICPMS: Cu (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-09	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Pb (ppm)

- > 22.88
- 16.59 - 22.88
- 10.30 - 16.59
- < 10.30

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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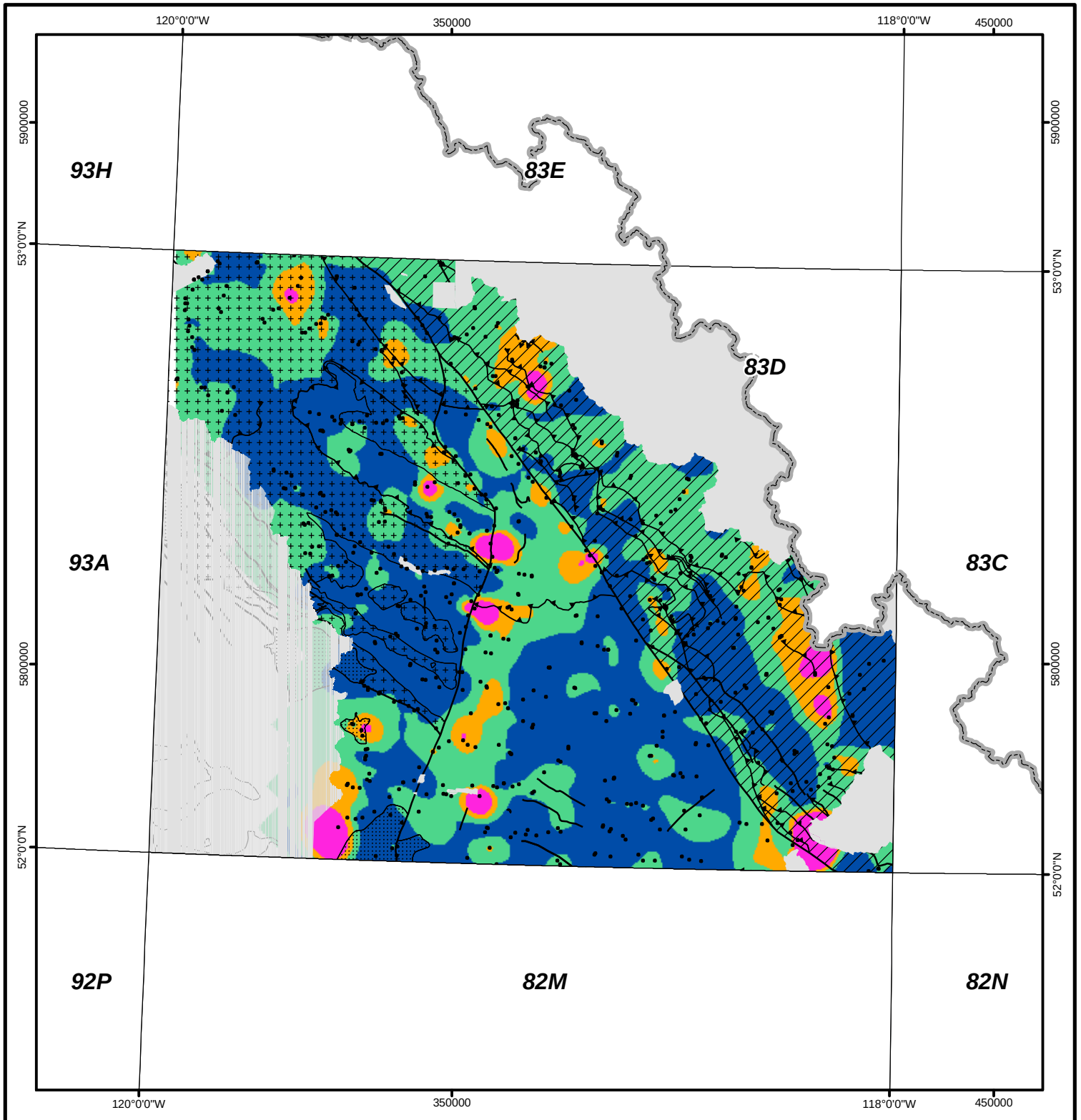
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

ICPMS: Pb (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-10	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Zn (ppm)

- > 102.0
- 78.5 - 102.0
- 55.0 - 78.5
- < 55.0

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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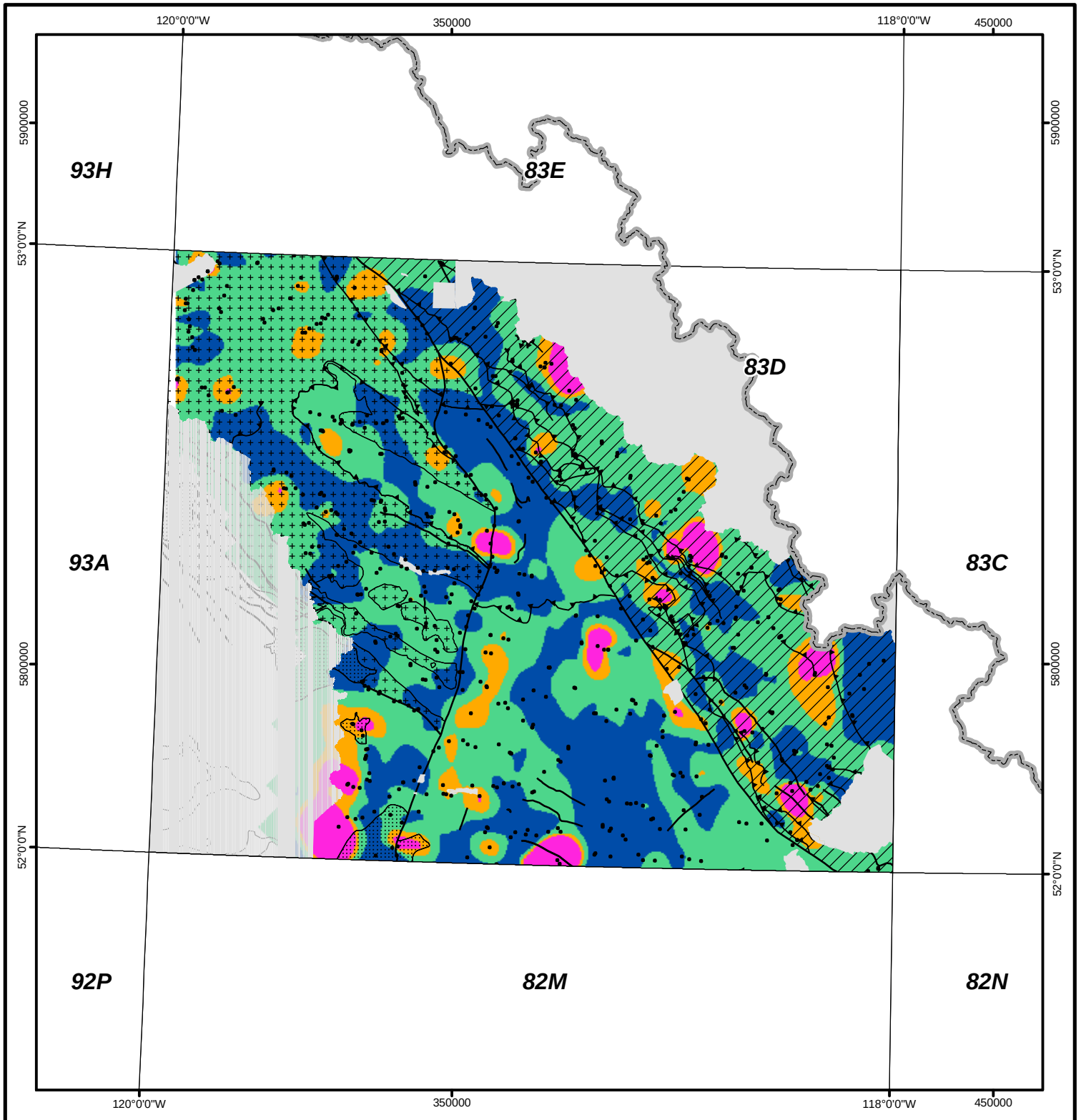
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

ICPMS: Zn (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-11	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ag (ppb)

- > 98
- 70 - 98
- 42 - 70
- < 42

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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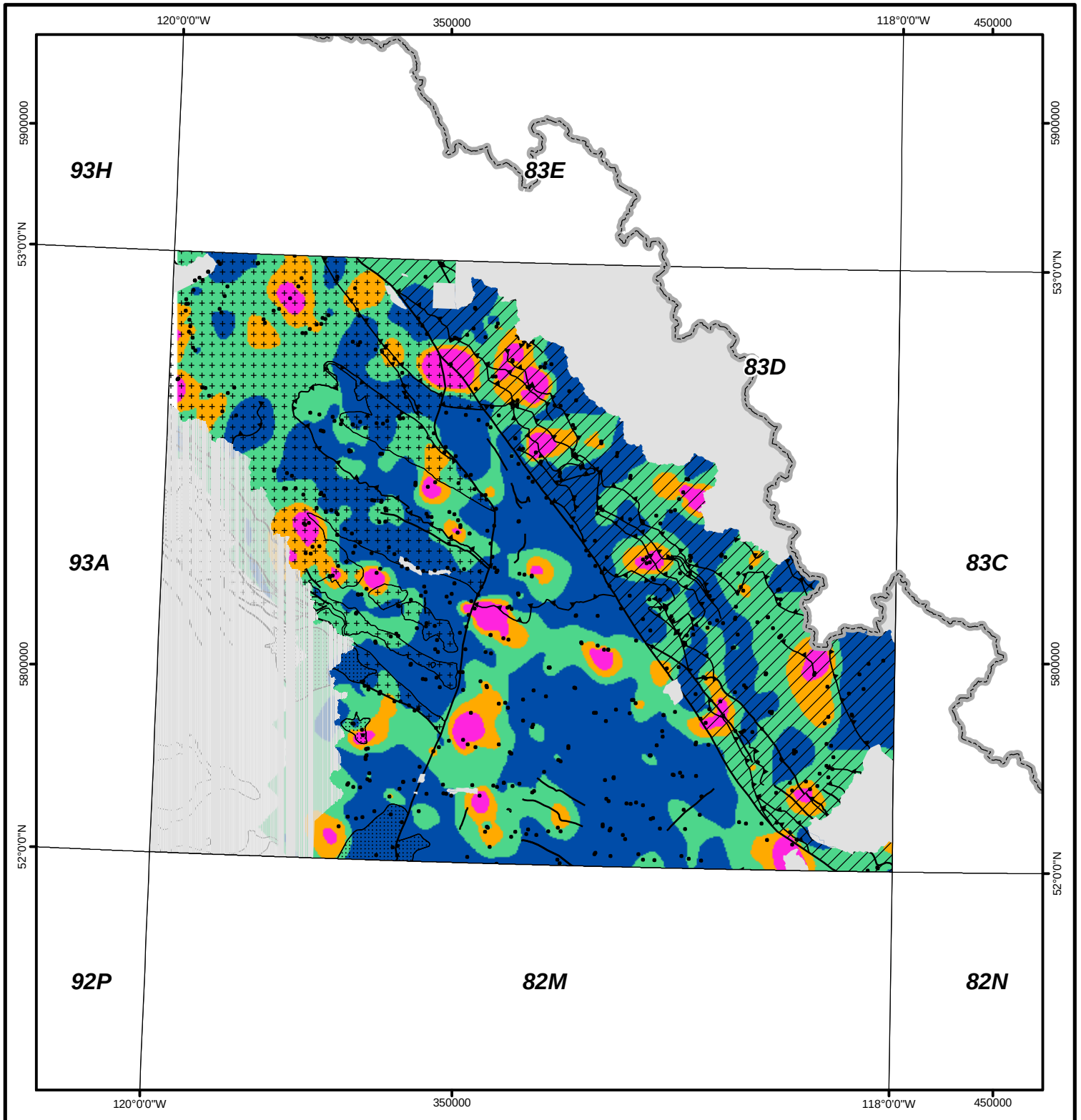
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

ICPMS: Ag (ppb)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-12	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ni (ppm)

- > 52
- 40 - 52
- 28 - 40
- < 28

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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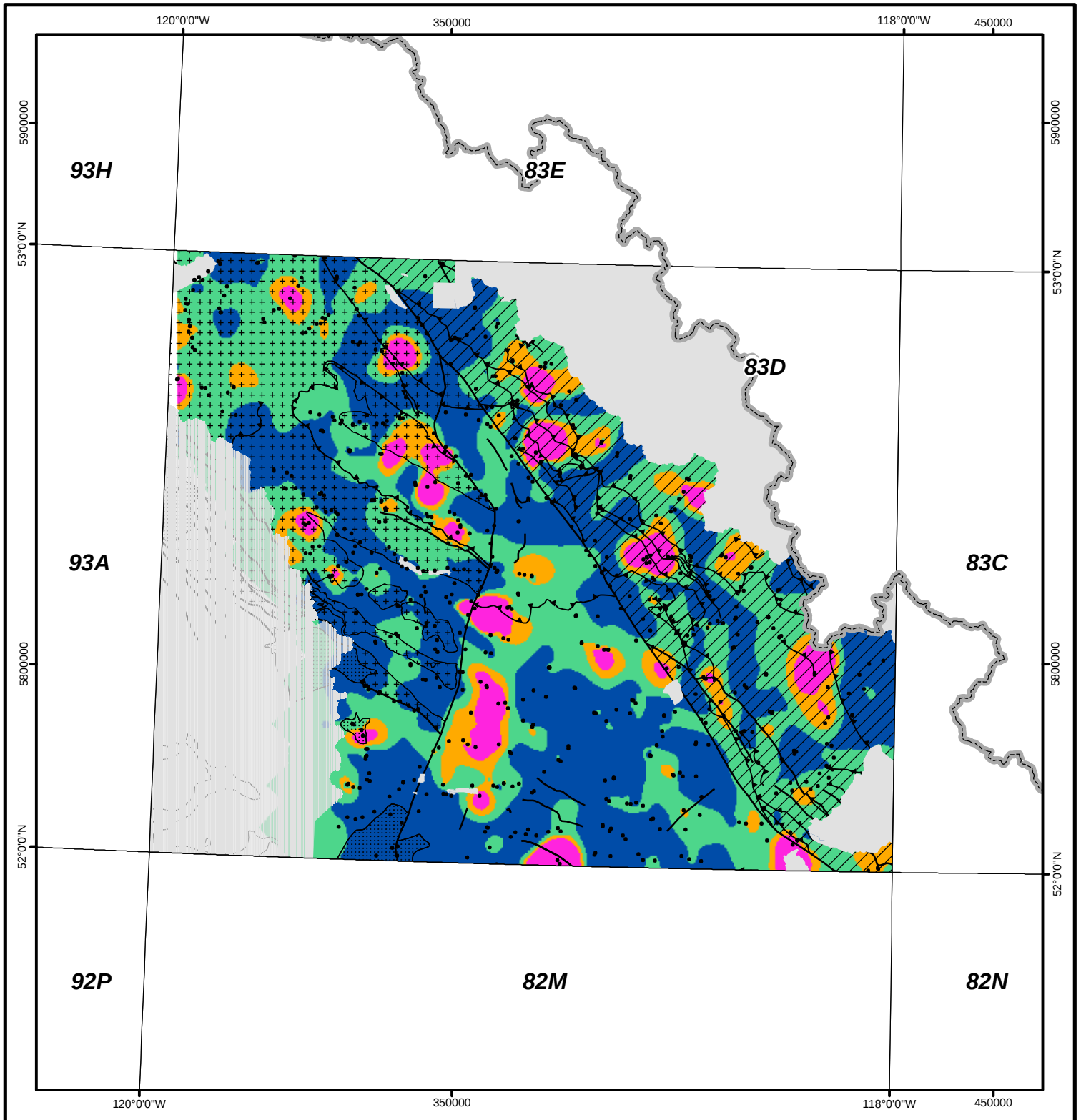
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

ICPMS: Ni (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-13	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Co (ppm)

- > 22.7
- 17.7 - 22.7
- 12.7 - 17.7
- < 12.7

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

GEOSCIENCE BC

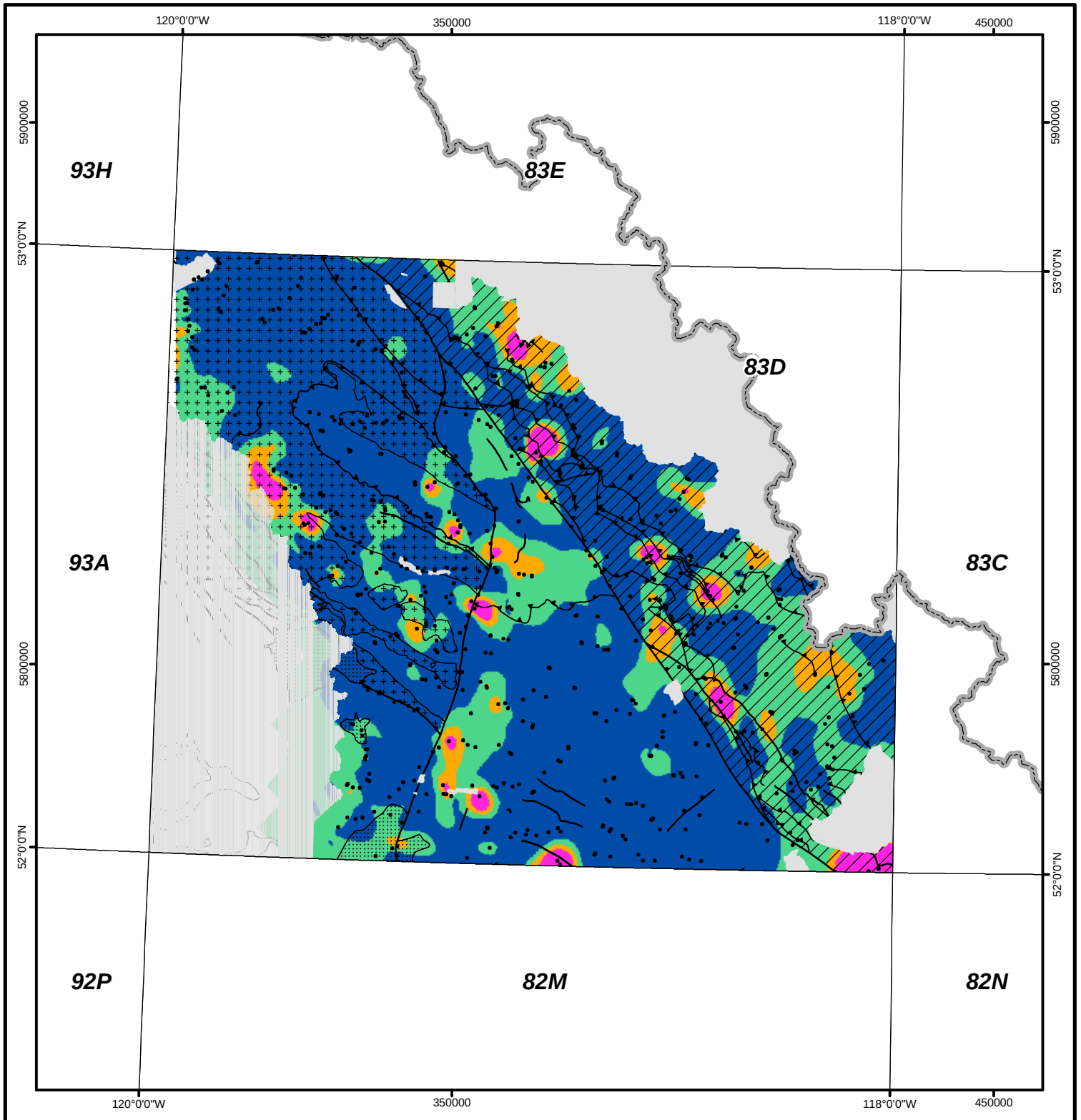
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

ICPMS: Co (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-14	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Mn (ppm)

- > 763
- 585 - 763
- 407 - 585
- < 407

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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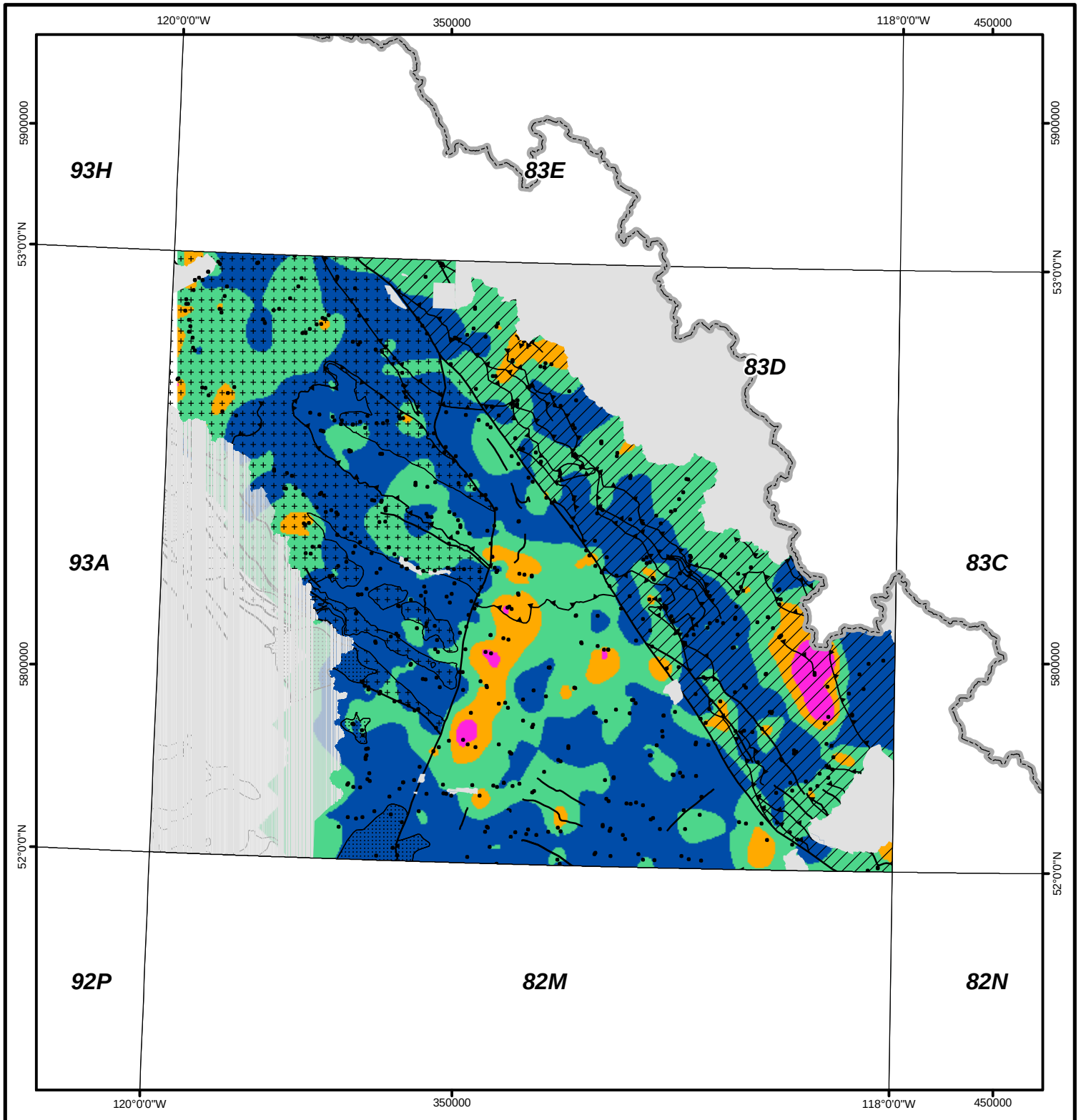
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

ICPMS: Mn (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-15	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Fe (%)

- > 4.14
- 3.30 - 4.14
- 2.46 - 3.30
- < 2.46

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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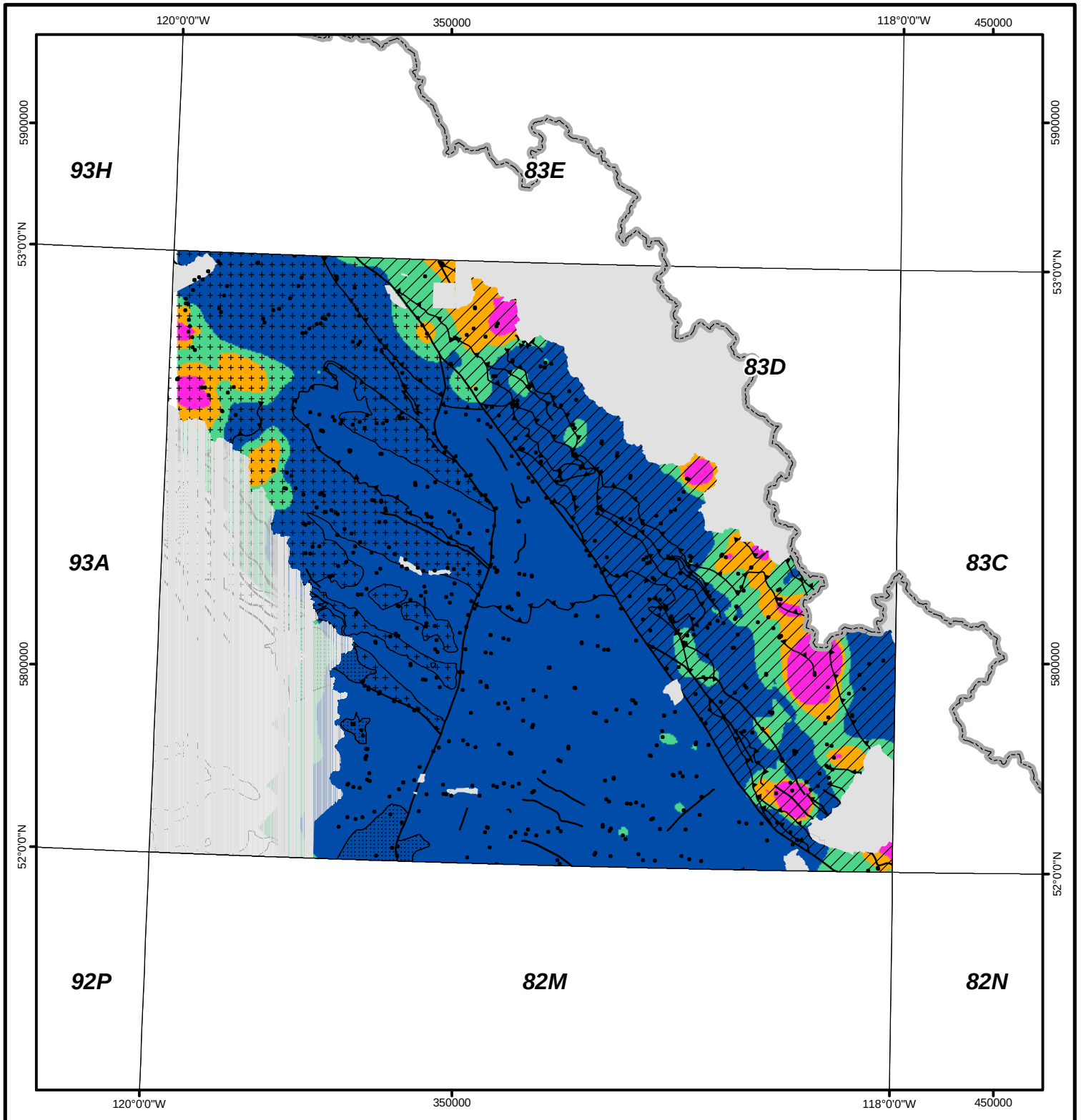
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

ICPMS: Fe (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-16	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

As (ppm)

- > 12.9
- 8.4 - 12.9
- 3.9 - 8.4
- < 3.9

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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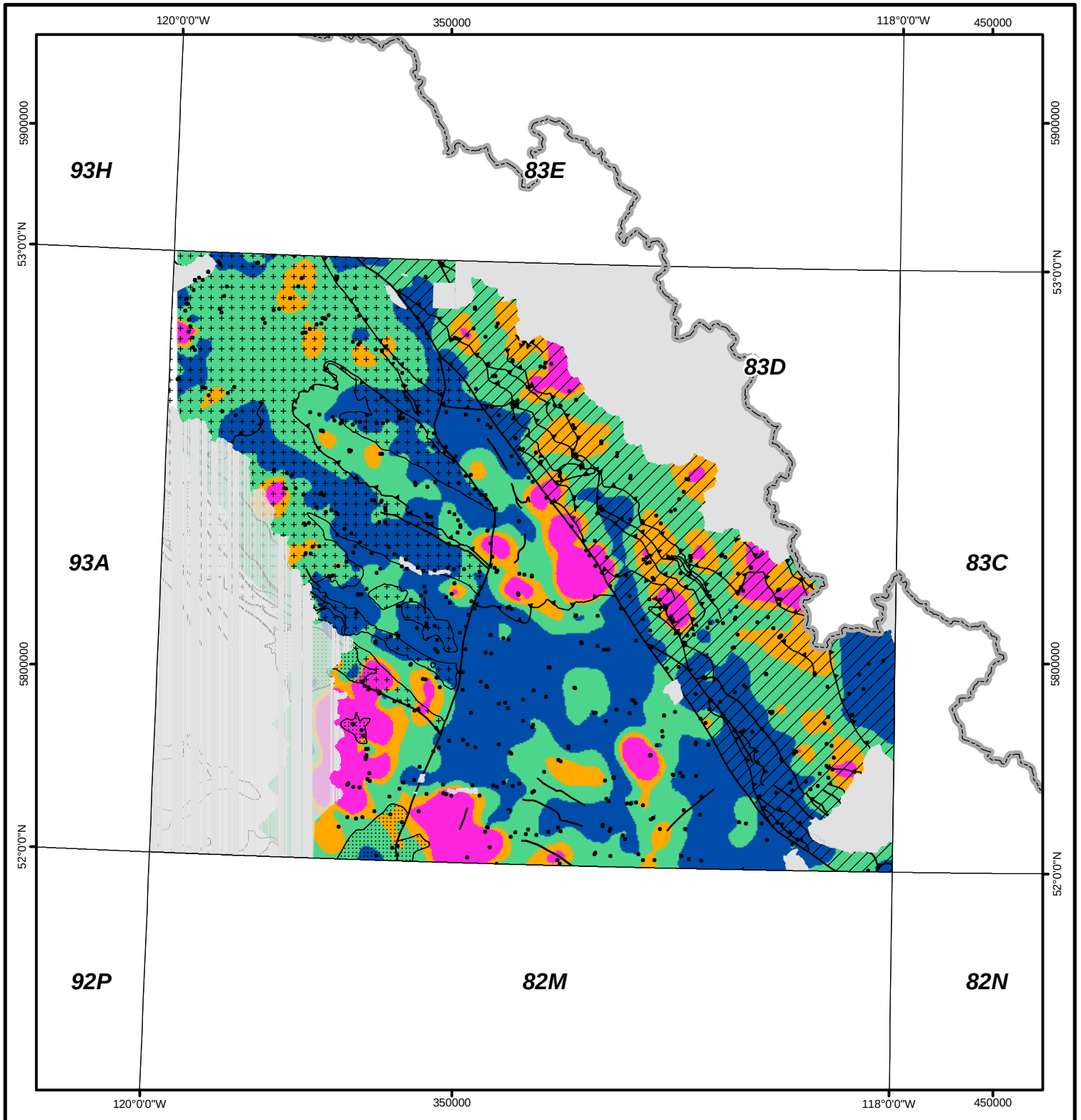
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

ICPMS: As (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-17	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

U (ppm)

- > 5.7
- 3.9 - 5.7
- 2.1 - 3.9
- < 2.1

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

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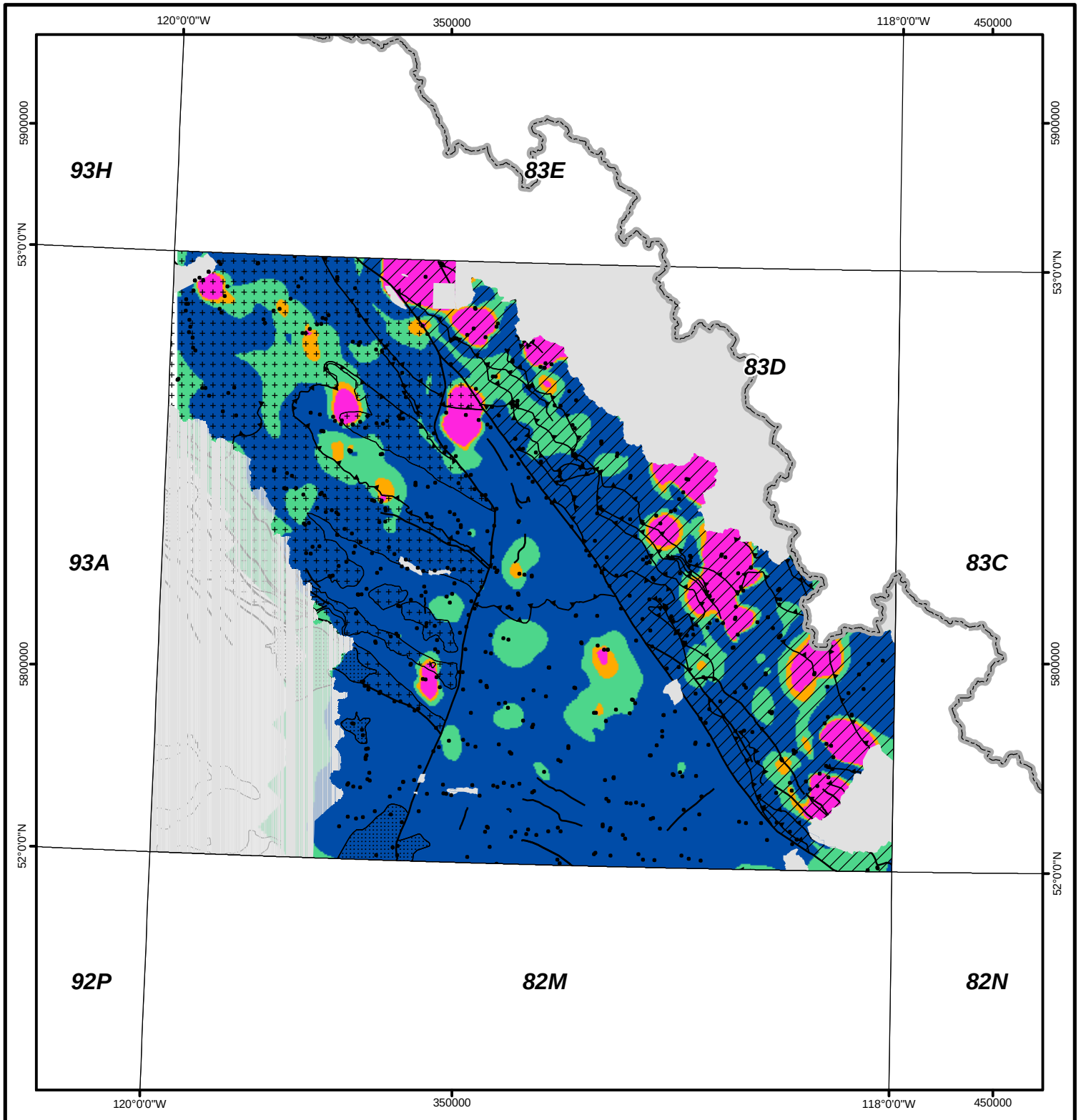
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

ICPMS: U (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-18	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Au (ppb)

- > 8.4
- 4.9 - 8.4
- 1.4 - 4.9
- < 1.4

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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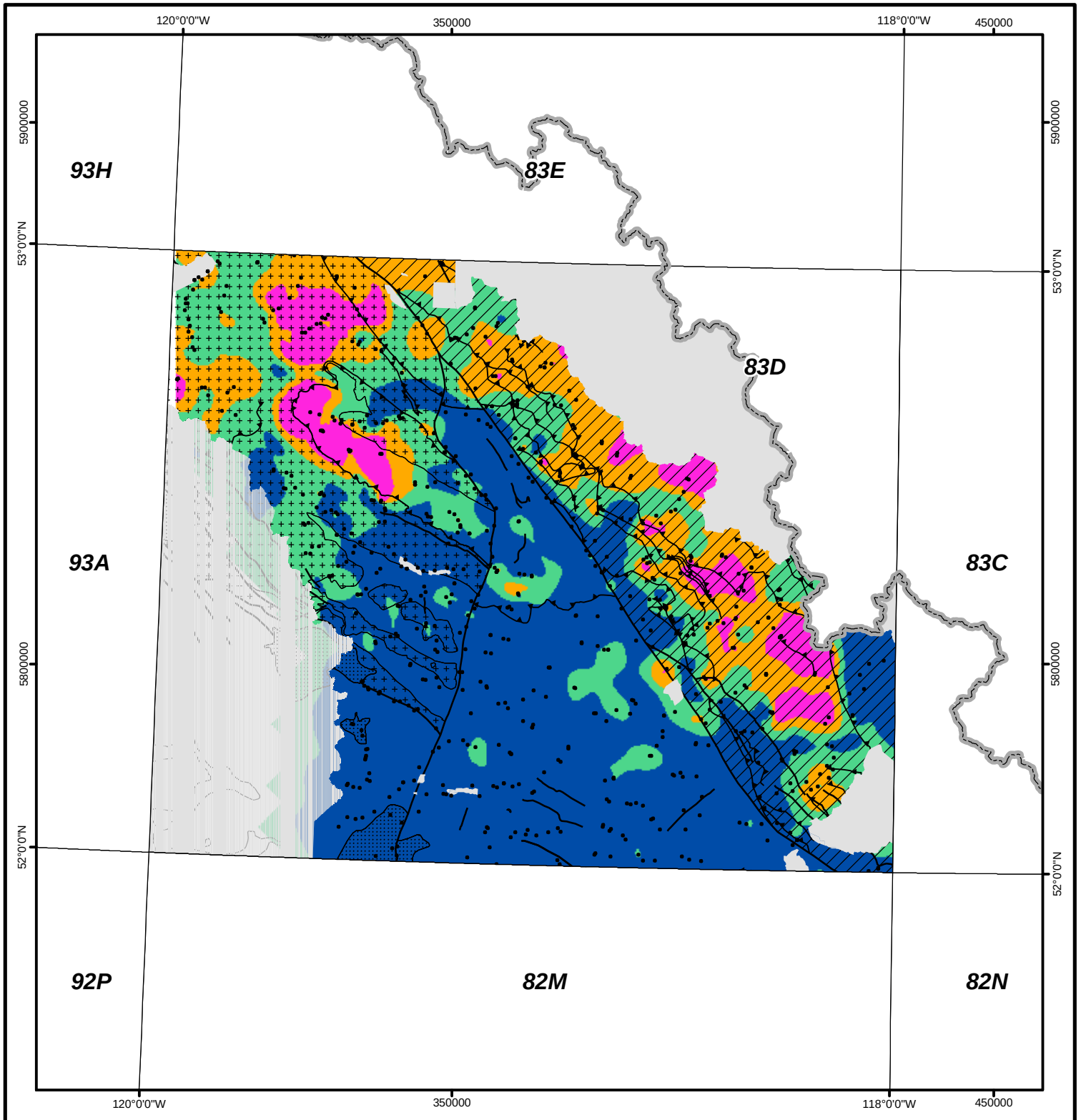
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

ICPMS: Au (ppb)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-19	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Th (ppm)

- > 15.8
- 11.7 - 15.8
- 7.6 - 11.7
- < 7.6

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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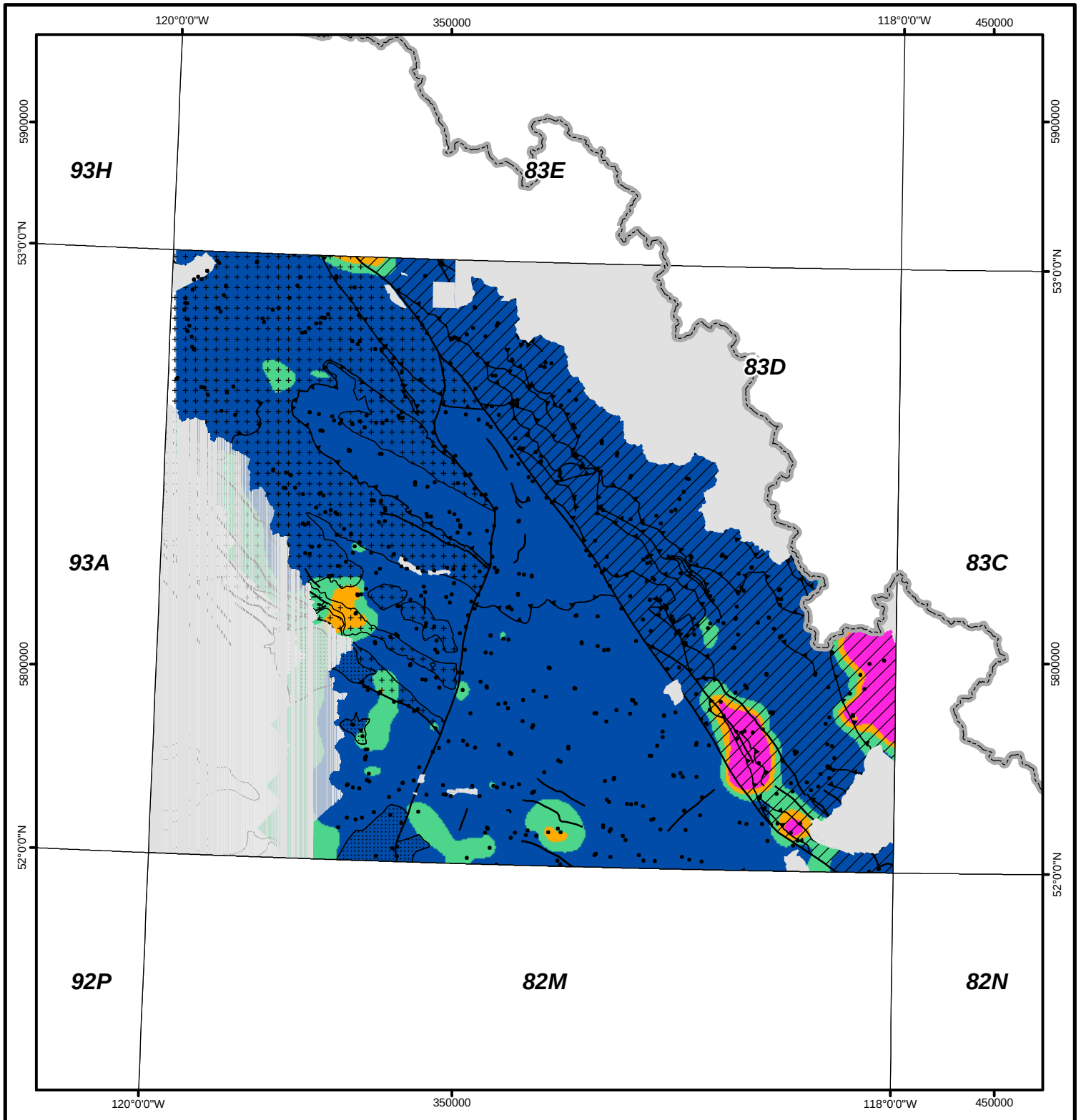
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

ICPMS: Th (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-20	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Sr (ppm)

- > 199.5
- 127.4 - 199.5
- 55.3 - 127.4
- < 55.3

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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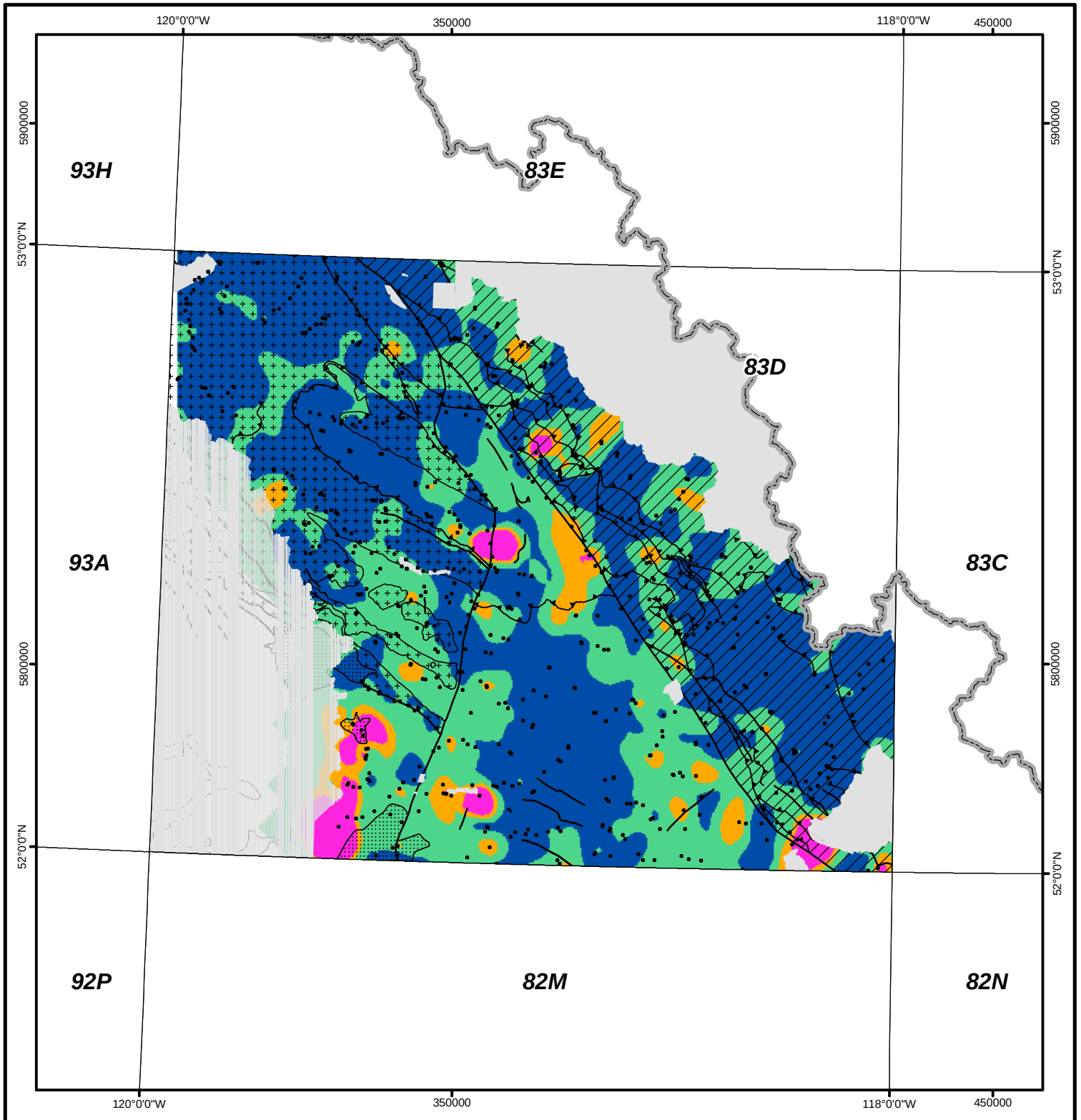
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

ICPMS: Sr (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-21	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Cd (ppm)

- > 0.24
- 0.16 - 0.24
- 0.08 - 0.16
- < 0.08

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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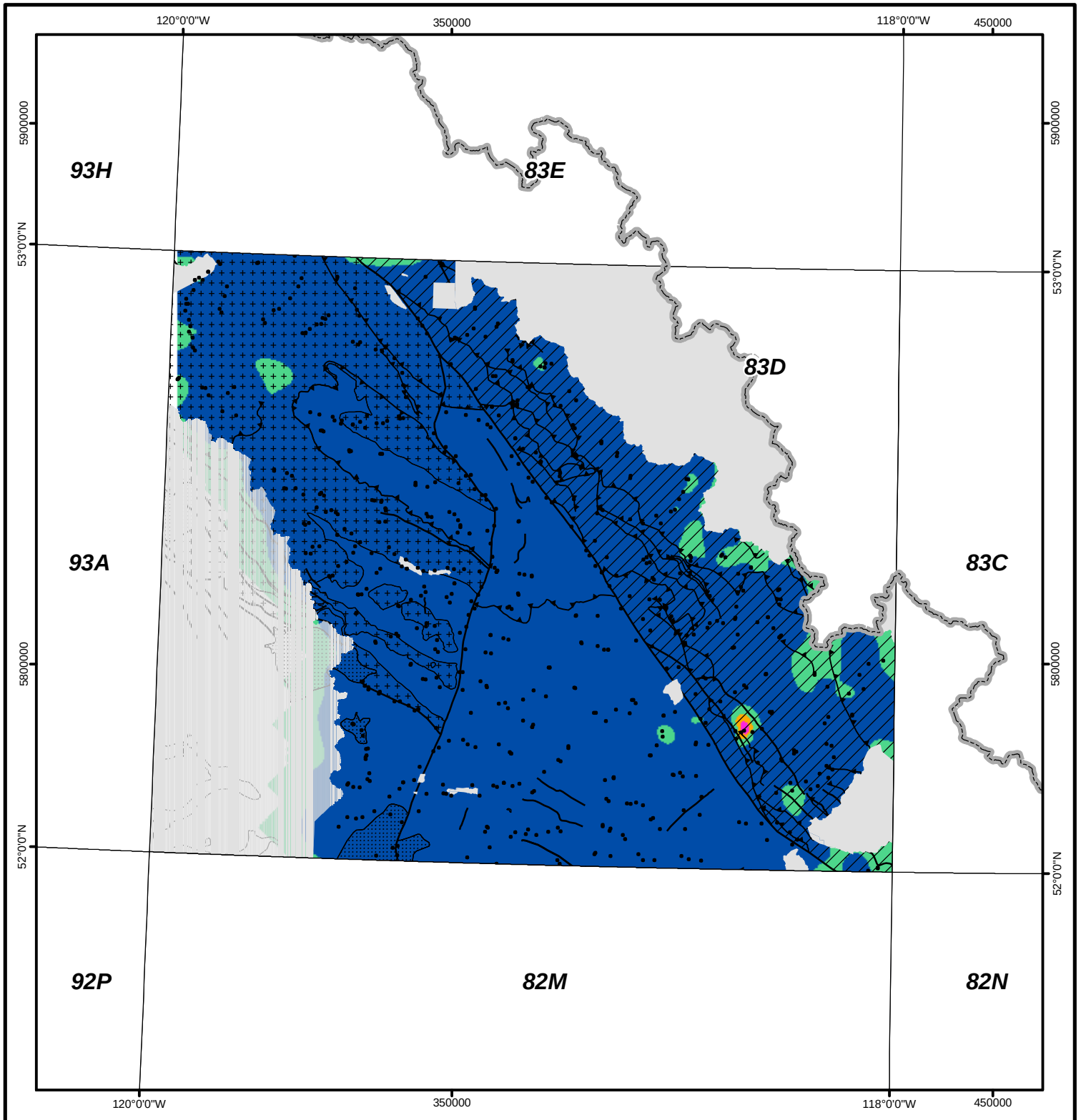
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

ICPMS: Cd (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-22	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Sb (ppm)

- > 0.48
- 0.31 - 0.48
- 0.14 - 0.31
- < 0.14

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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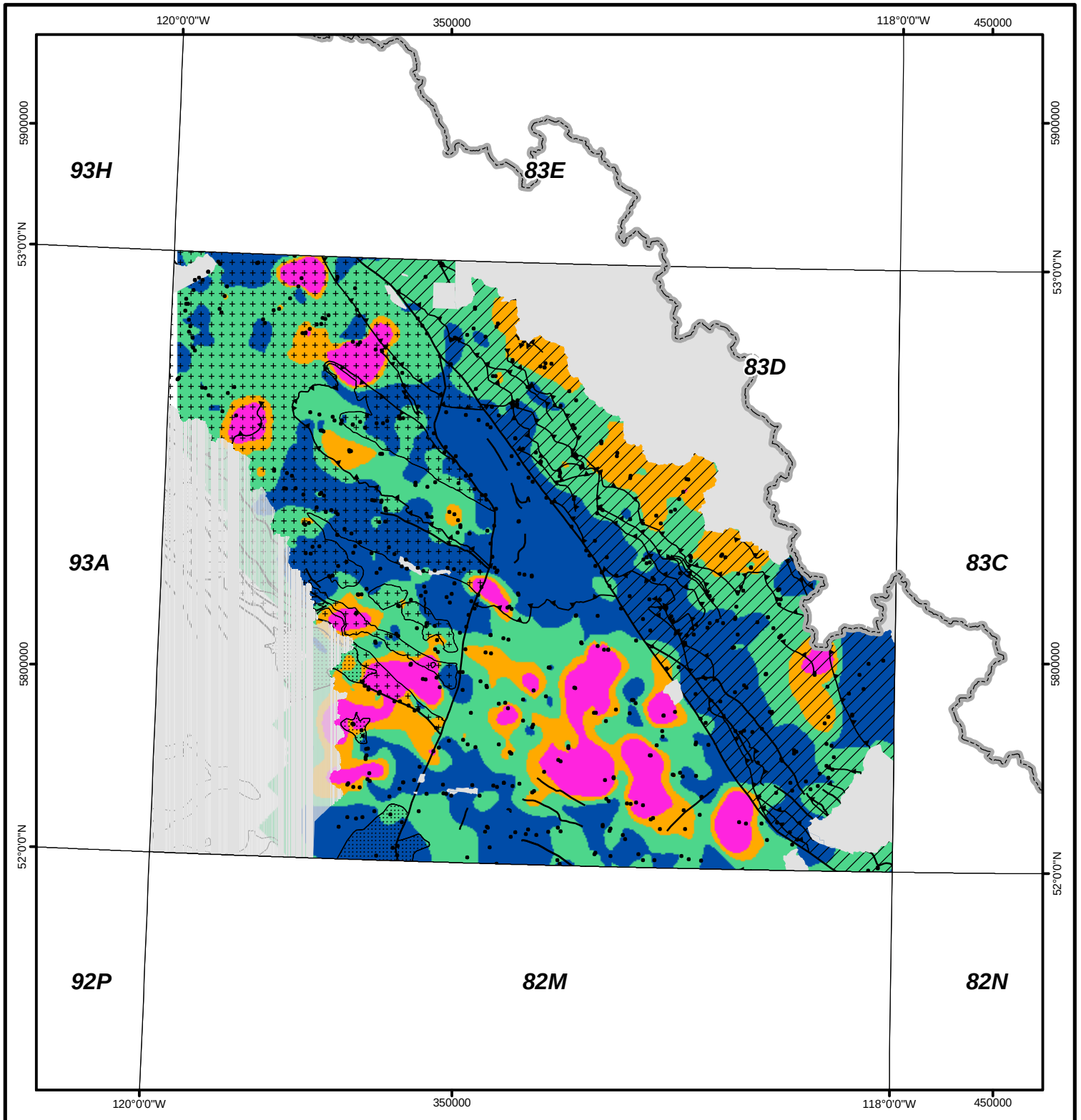
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

ICPMS: Sb (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-23	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Bi (ppm)

- > 0.56
- 0.41 - 0.56
- 0.26 - 0.41
- < 0.26

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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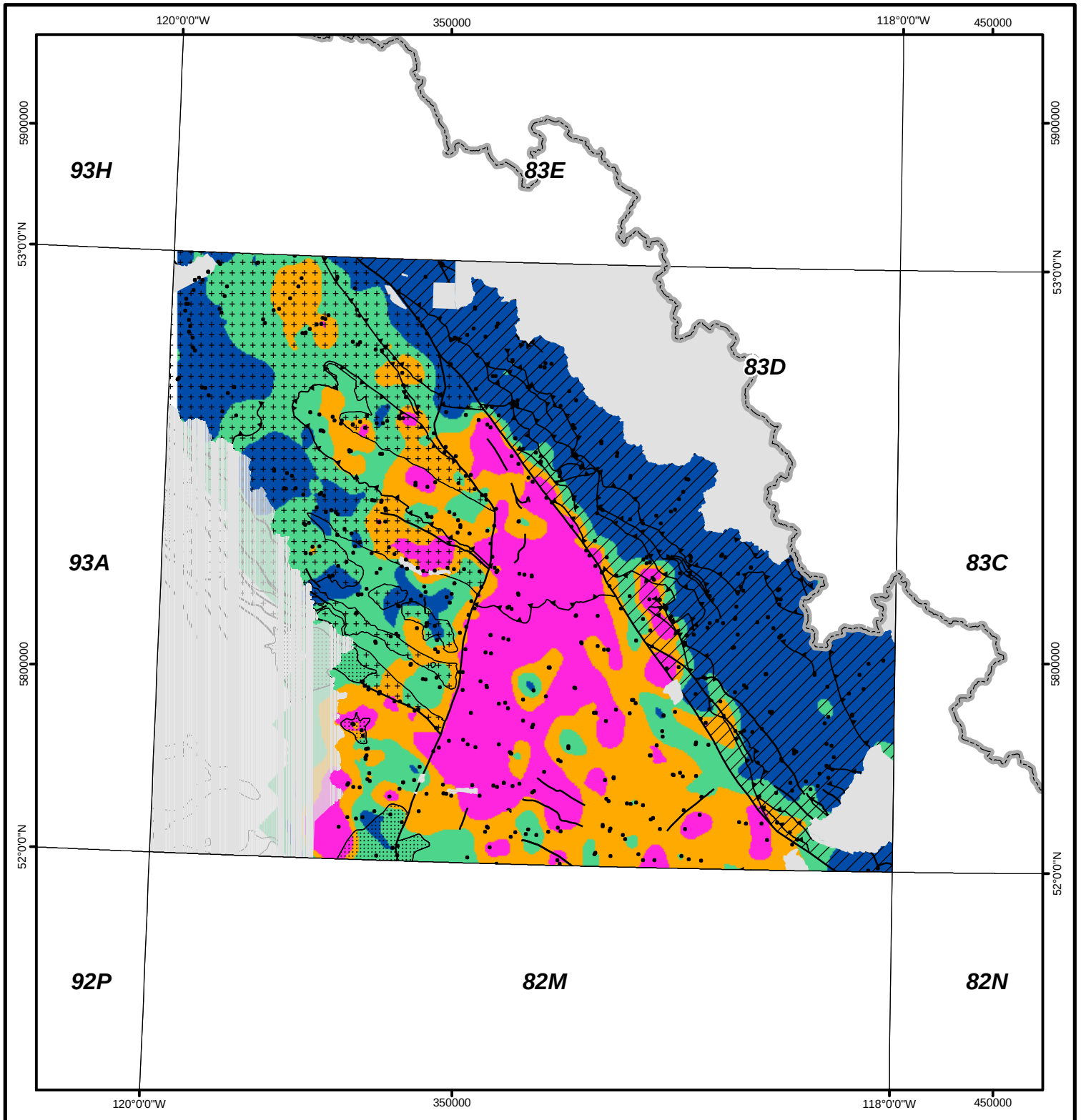
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

ICPMS: Bi (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-24	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

V (ppm)

- > 37
- 26 - 37
- 15 - 26
- < 15

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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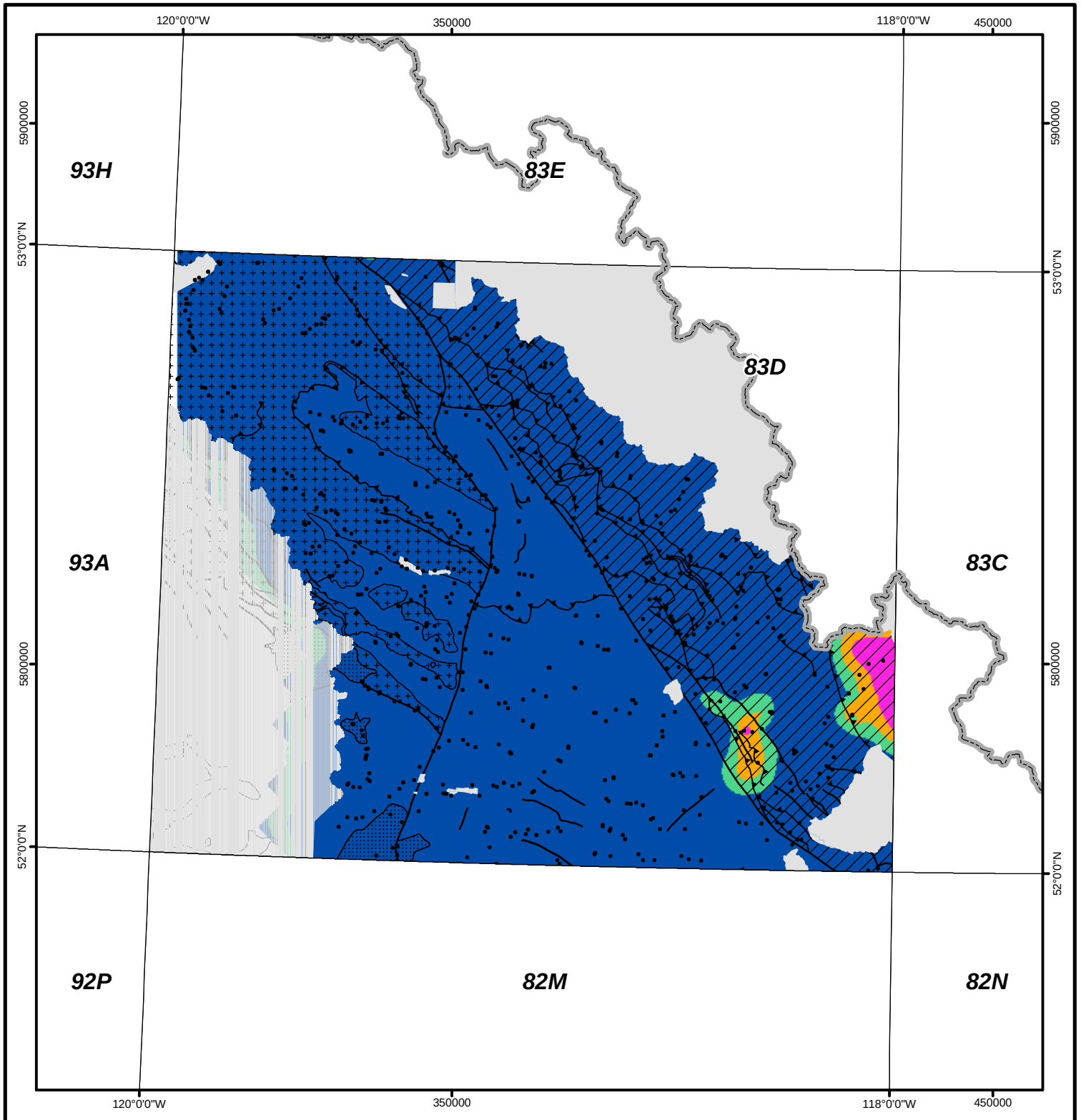
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

ICPMS: V (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-25	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ca (%)

- > 9.68
- 5.92 - 9.68
- 2.16 - 5.92
- < 2.16

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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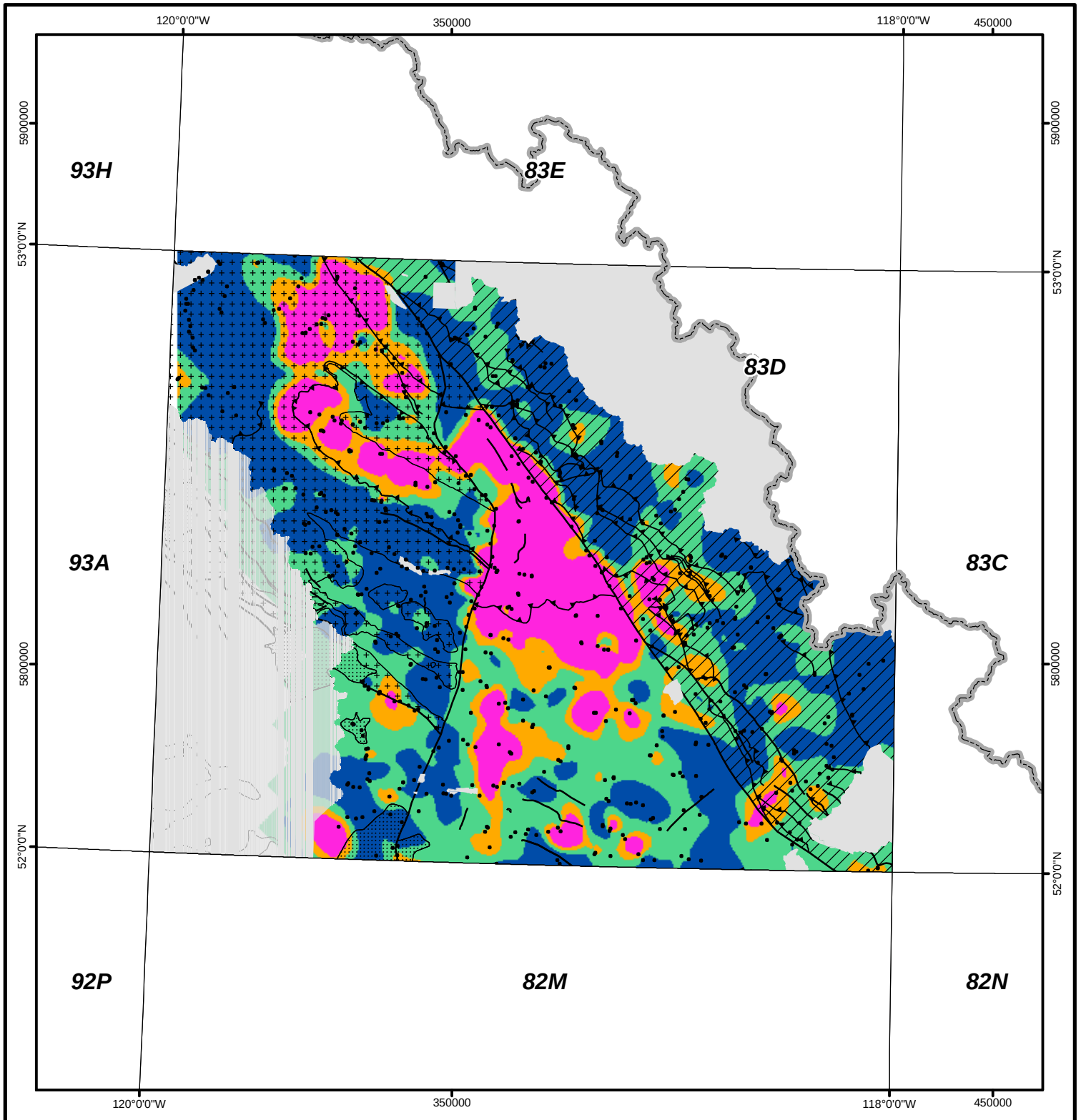
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

ICPMS: Ca (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-26	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

P (%)

- > 0.14
- 0.11 - 0.14
- 0.08 - 0.11
- < 0.08

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
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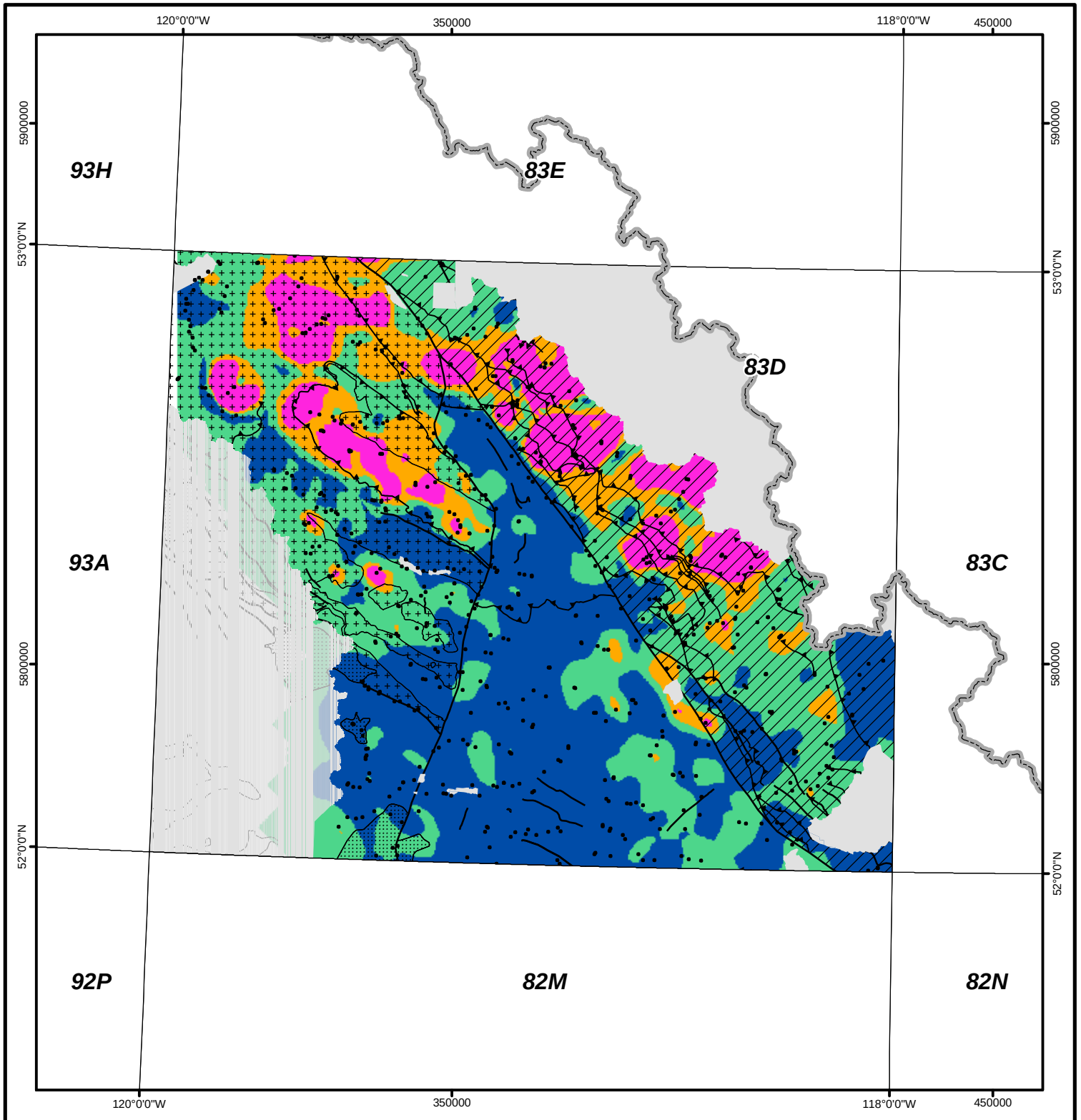
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

ICPMS: P (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-27	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

La (ppm)

- > 44.1
- 31.8 - 44.1
- 19.5 - 31.8
- < 19.5

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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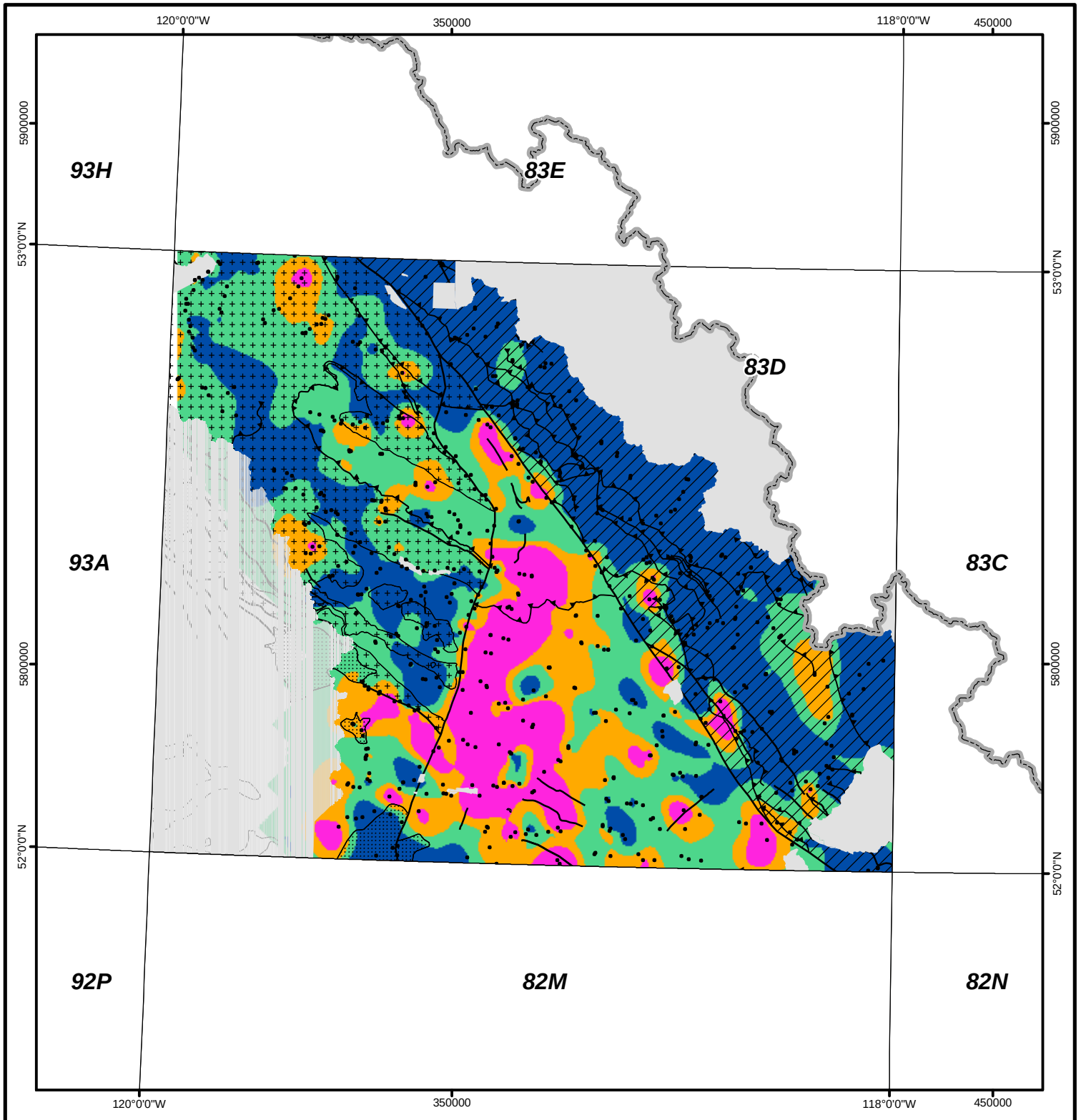
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

ICPMS: La (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-28	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Cr (ppm)

- > 44.8
- 33.6 - 44.8
- 22.4 - 33.6
- < 22.4

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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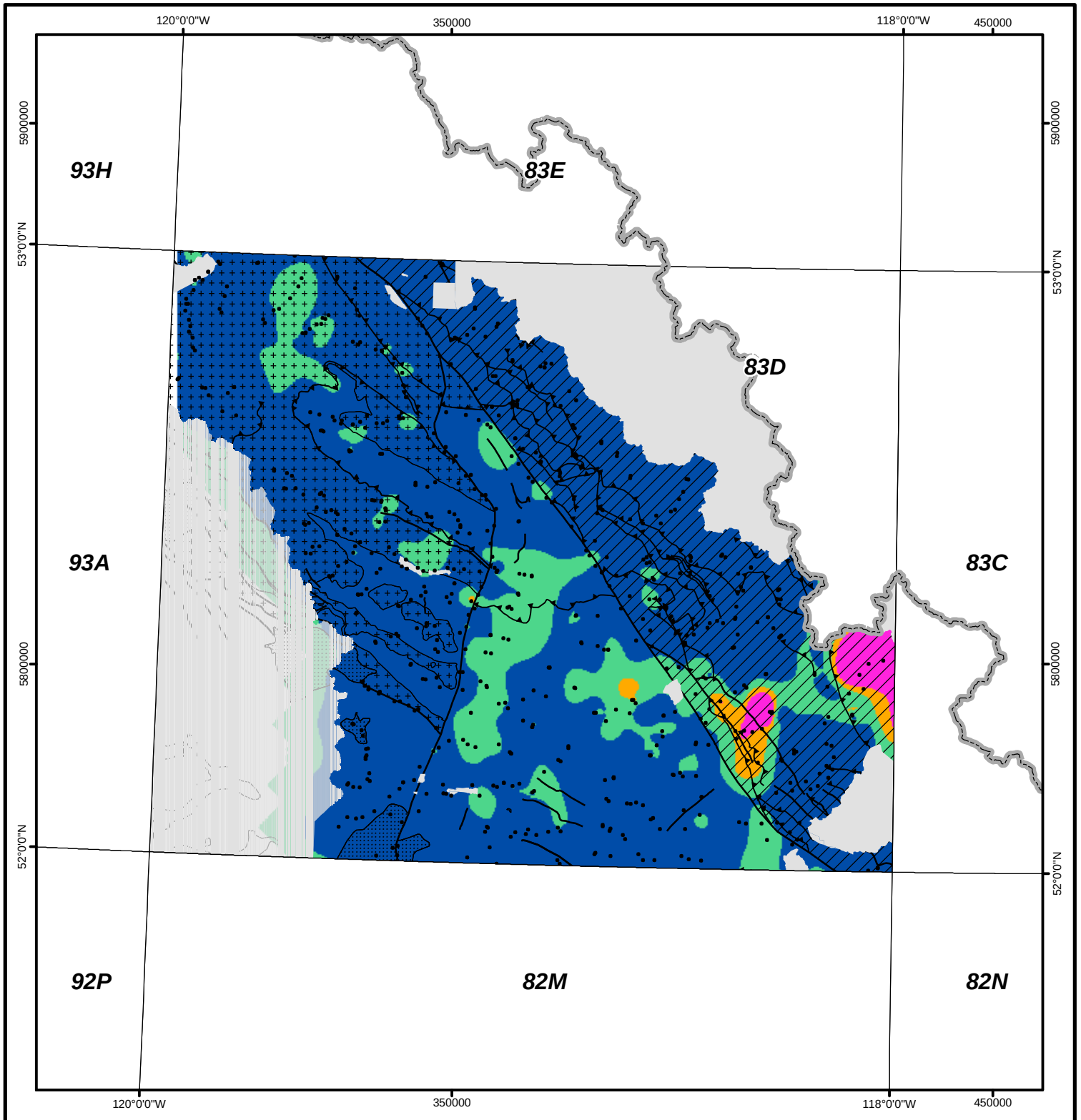
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

ICPMS: Cr (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-29	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Mg (%)

- > 2.25
- 1.59 - 2.25
- 0.93 - 1.59
- < 0.93

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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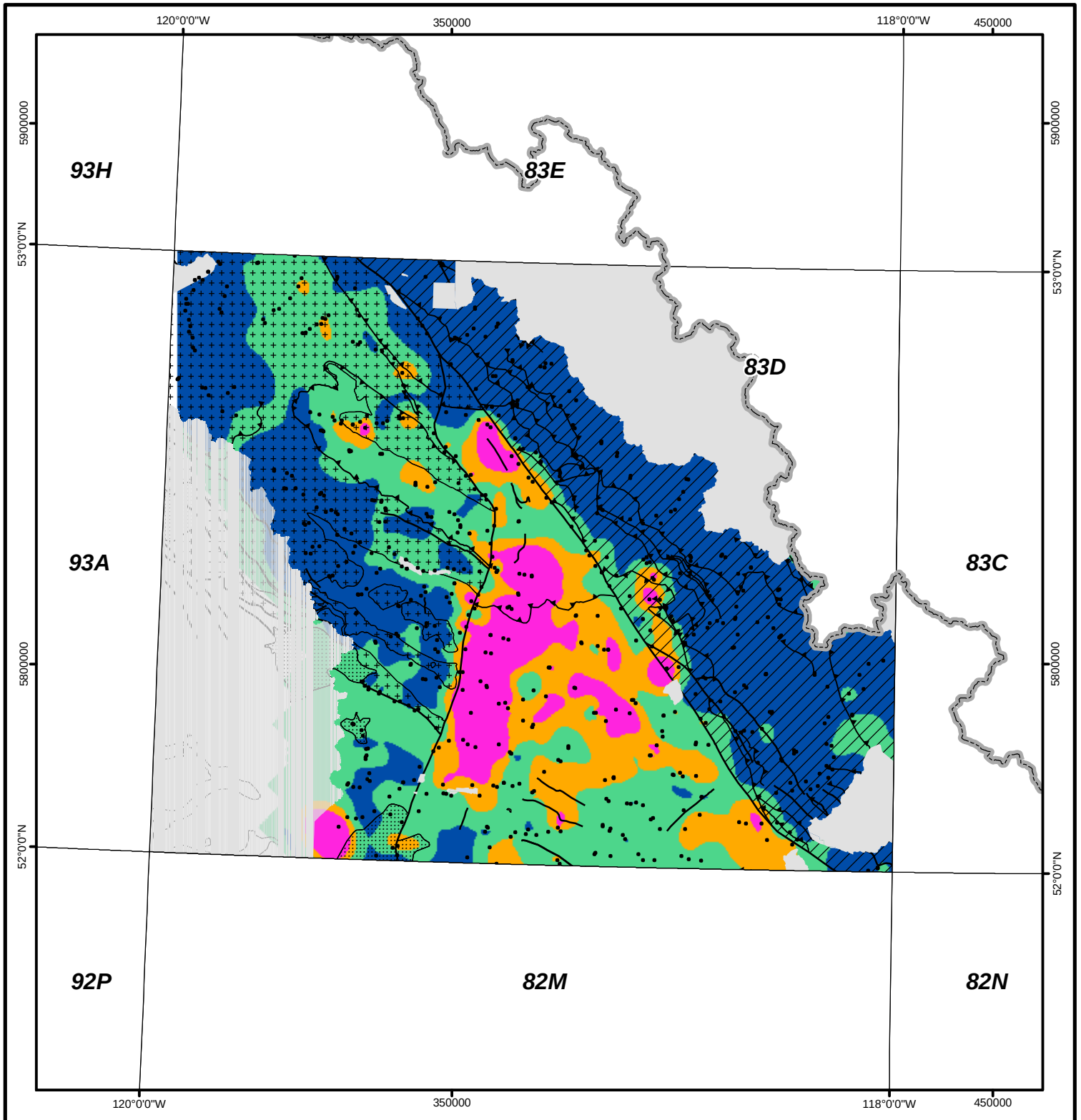
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

ICPMS: Mg (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-30	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ba (ppm)

- > 159.6
- 107.9 - 159.6
- 56.2 - 107.9
- < 56.2

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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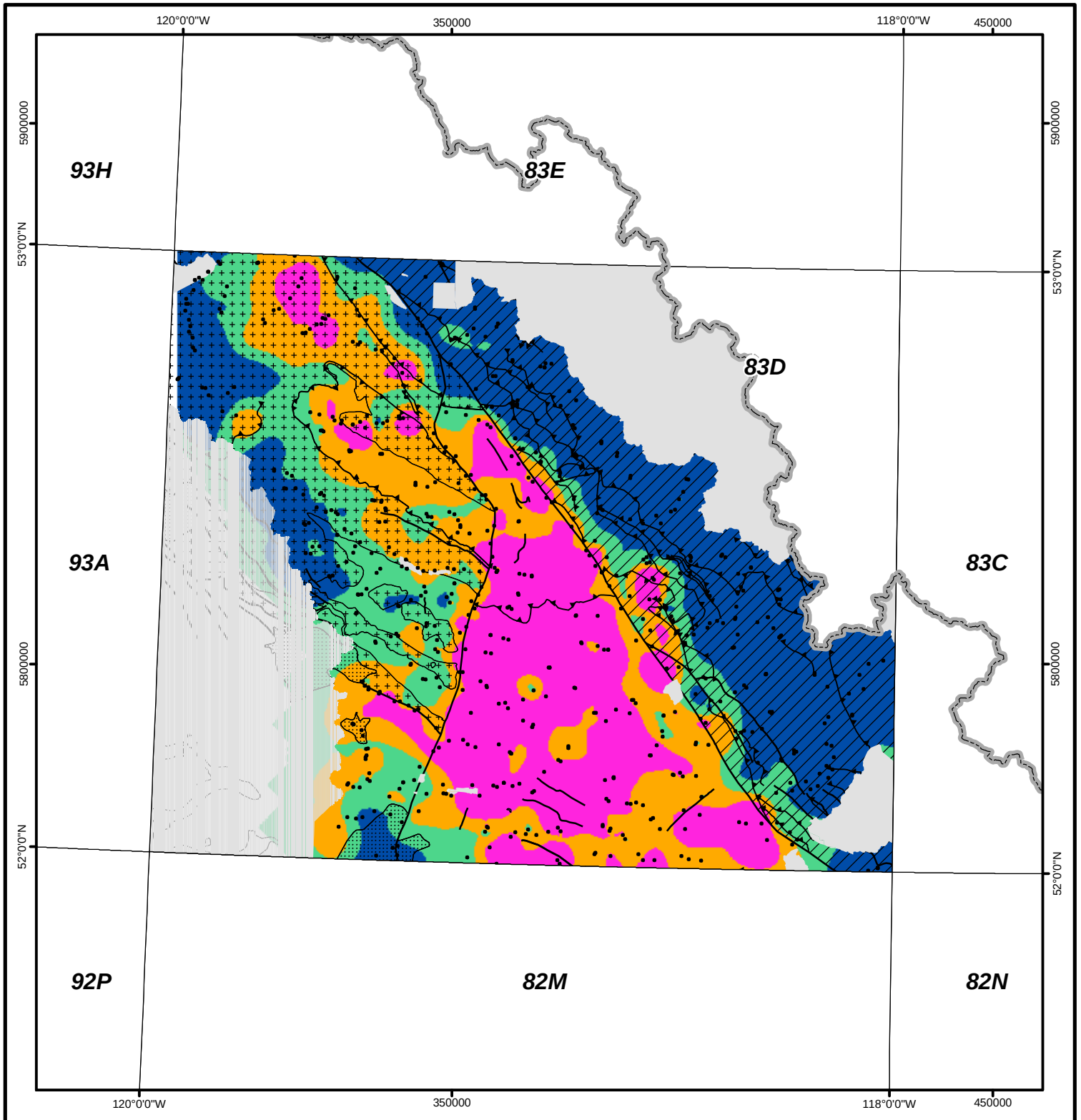
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

ICPMS: Ba (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-31	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ti (%)

- > 0.134
- 0.086 - 0.134
- 0.038 - 0.086
- < 0.038

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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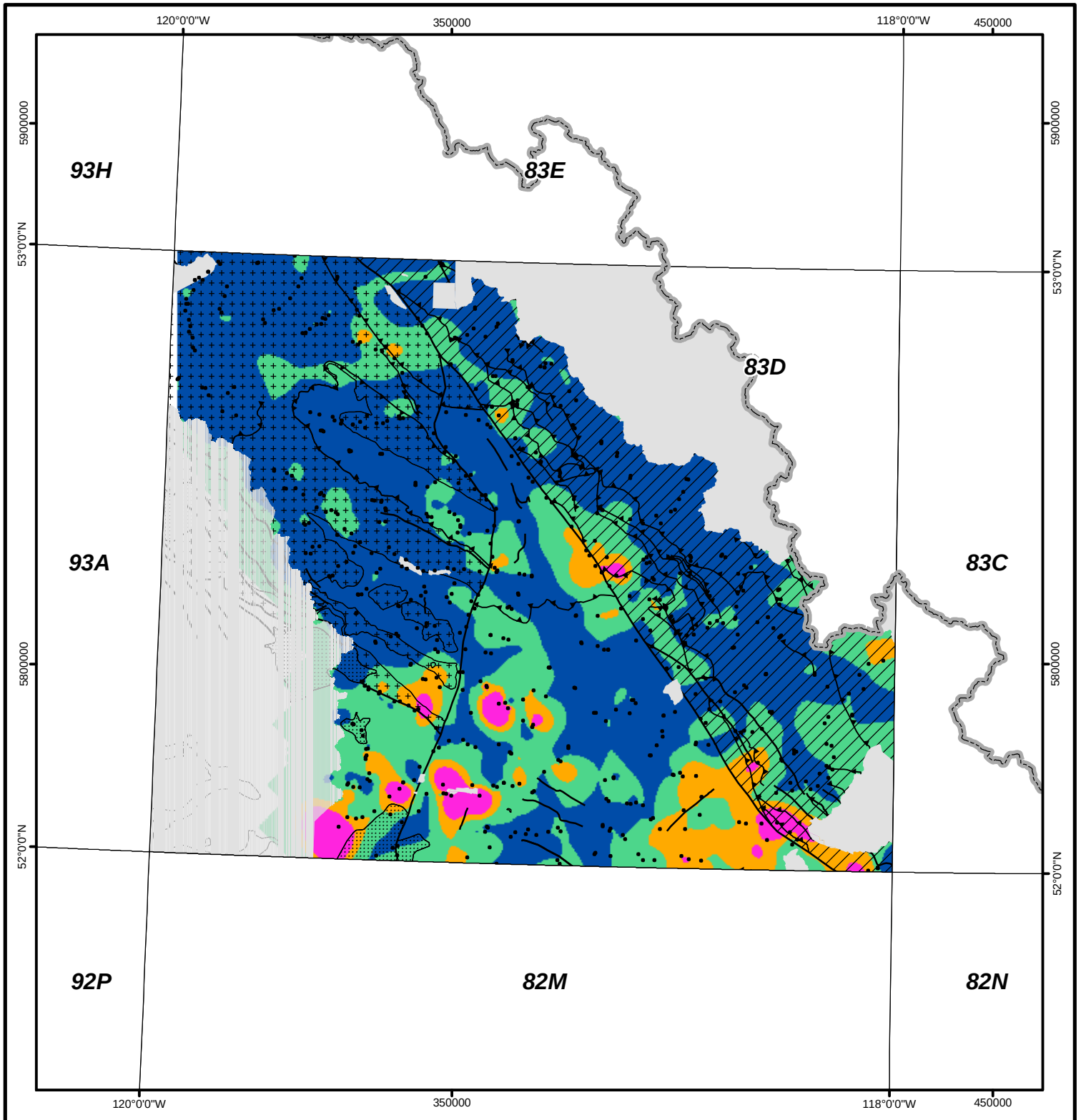
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

ICPMS: Ti (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-32	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

B (ppm)

- > 3
- 2 - 3
- 1 - 2
- < 1

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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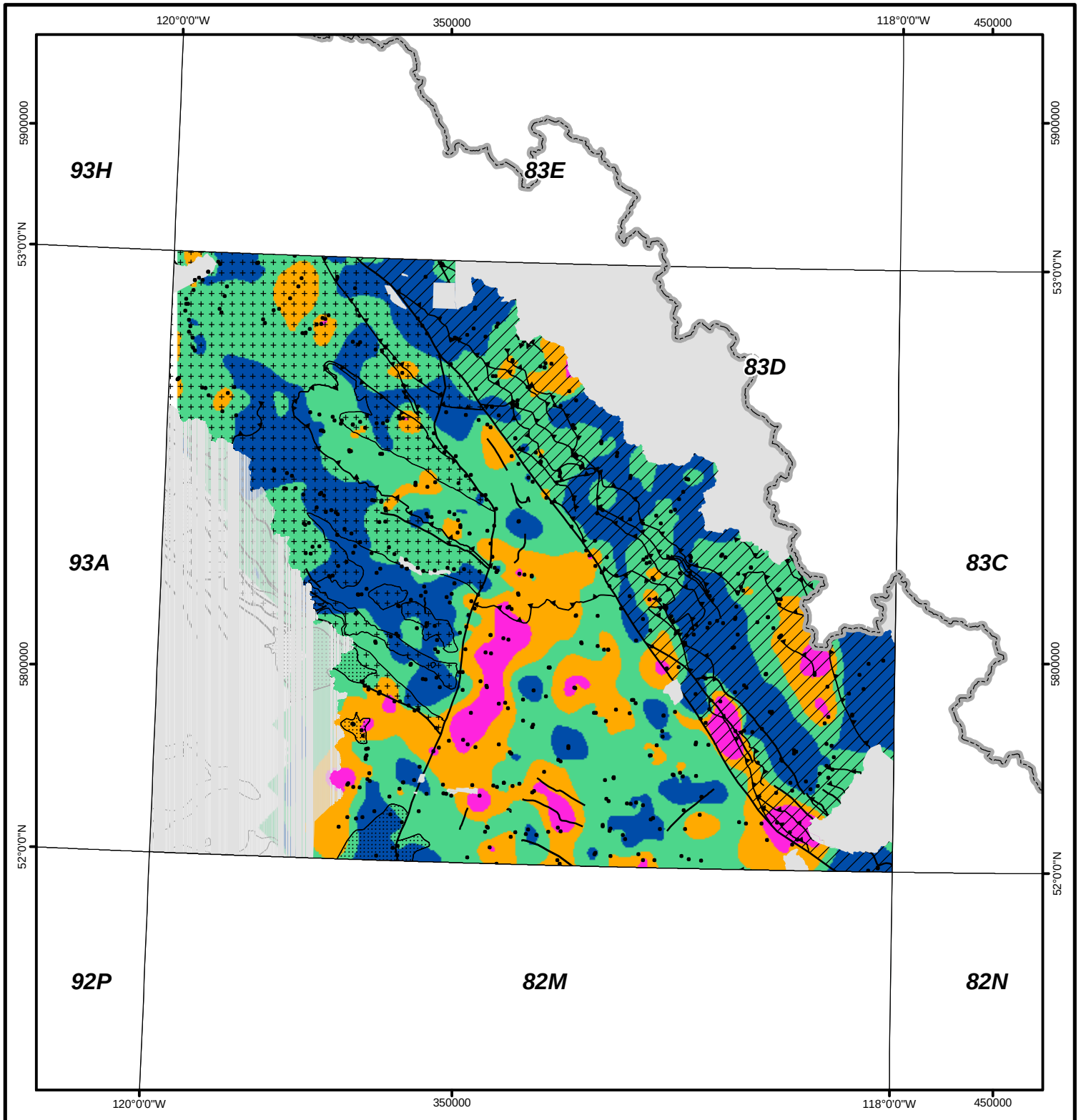
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

ICPMS: B (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-33	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Al (%)

- > 2.01
- 1.55 - 2.01
- 1.09 - 1.55
- < 1.09

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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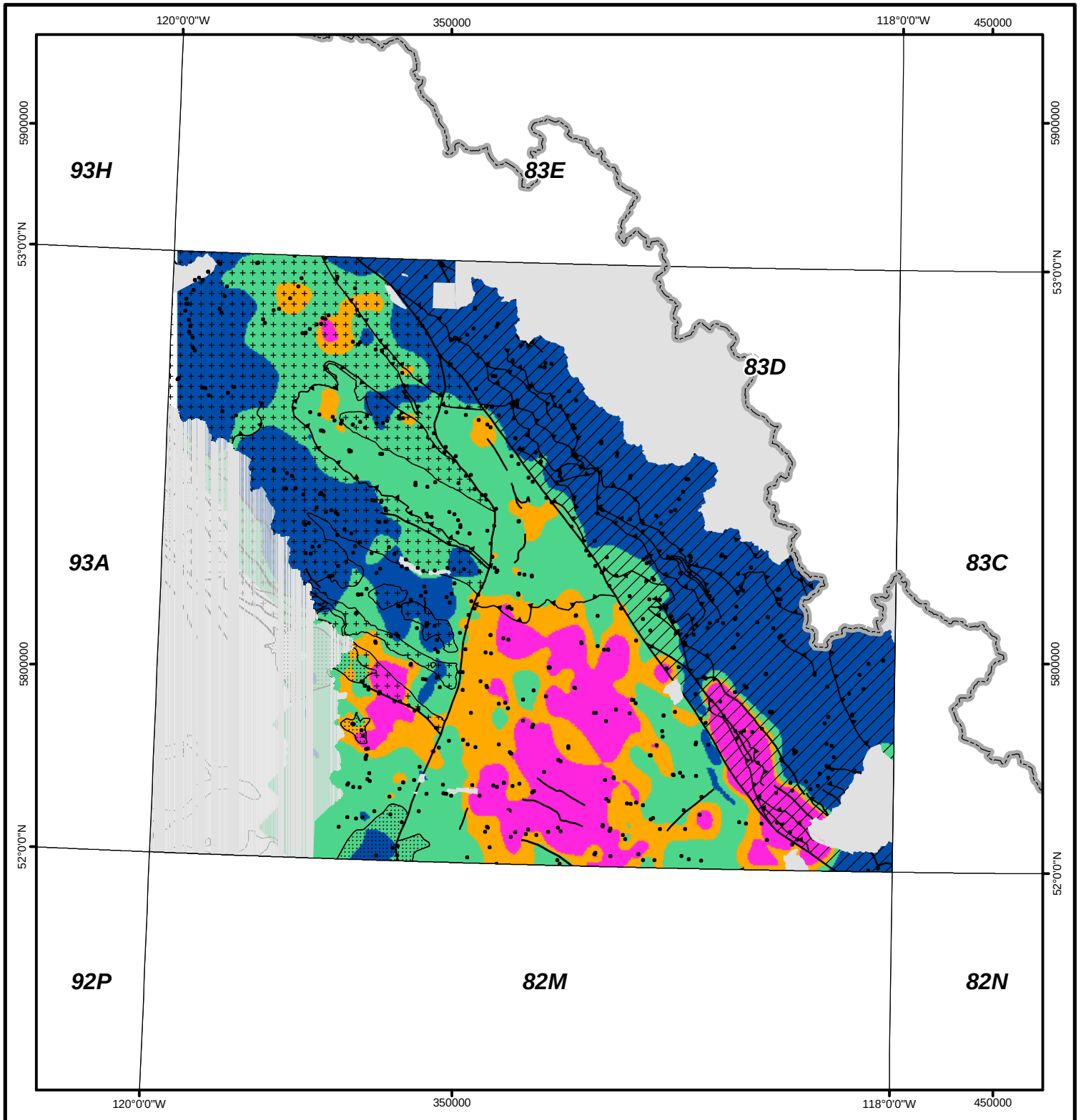
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

ICPMS: Al (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-34	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Na (%)

- > 0.026
- 0.017 - 0.026
- 0.008 - 0.017
- < 0.008

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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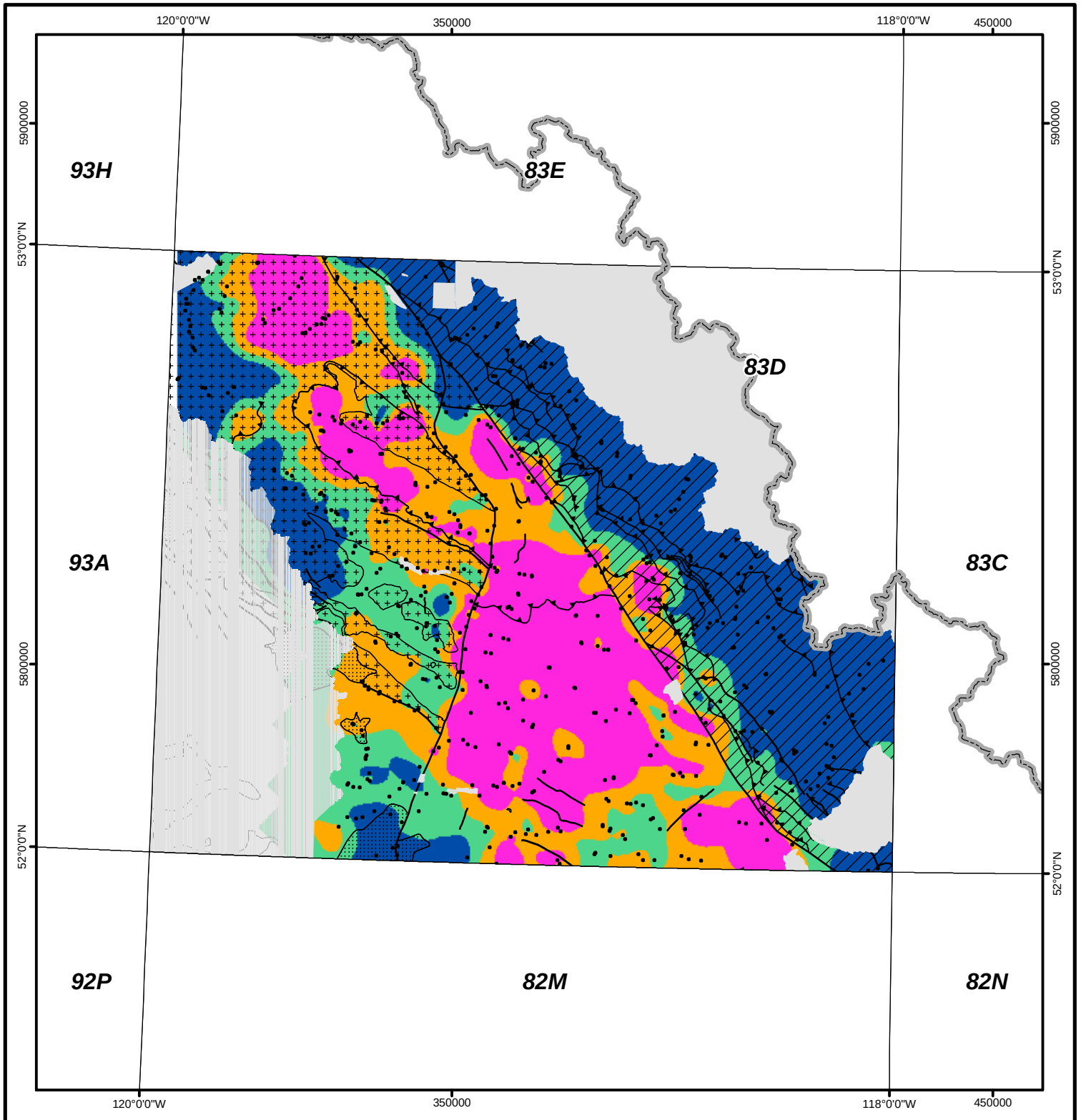
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

ICPMS: Na (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-35	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

K (%)

- > 0.51
- 0.33 - 0.51
- 0.15 - 0.33
- < 0.15

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

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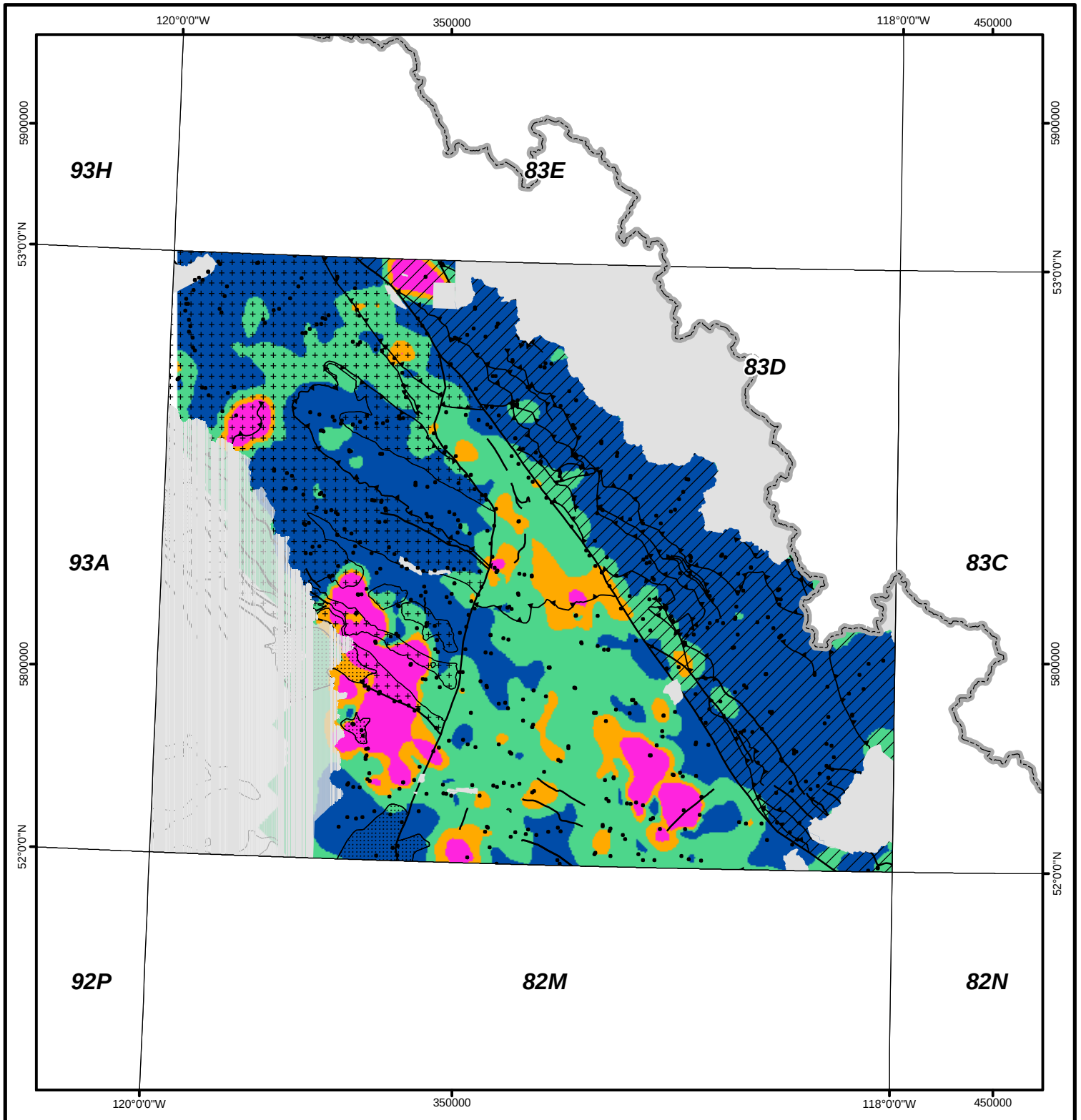
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

ICPMS: K (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-36	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

W (ppm)

- > 0.7
- 0.4 - 0.7
- 0.1 - 0.4
- < 0.1

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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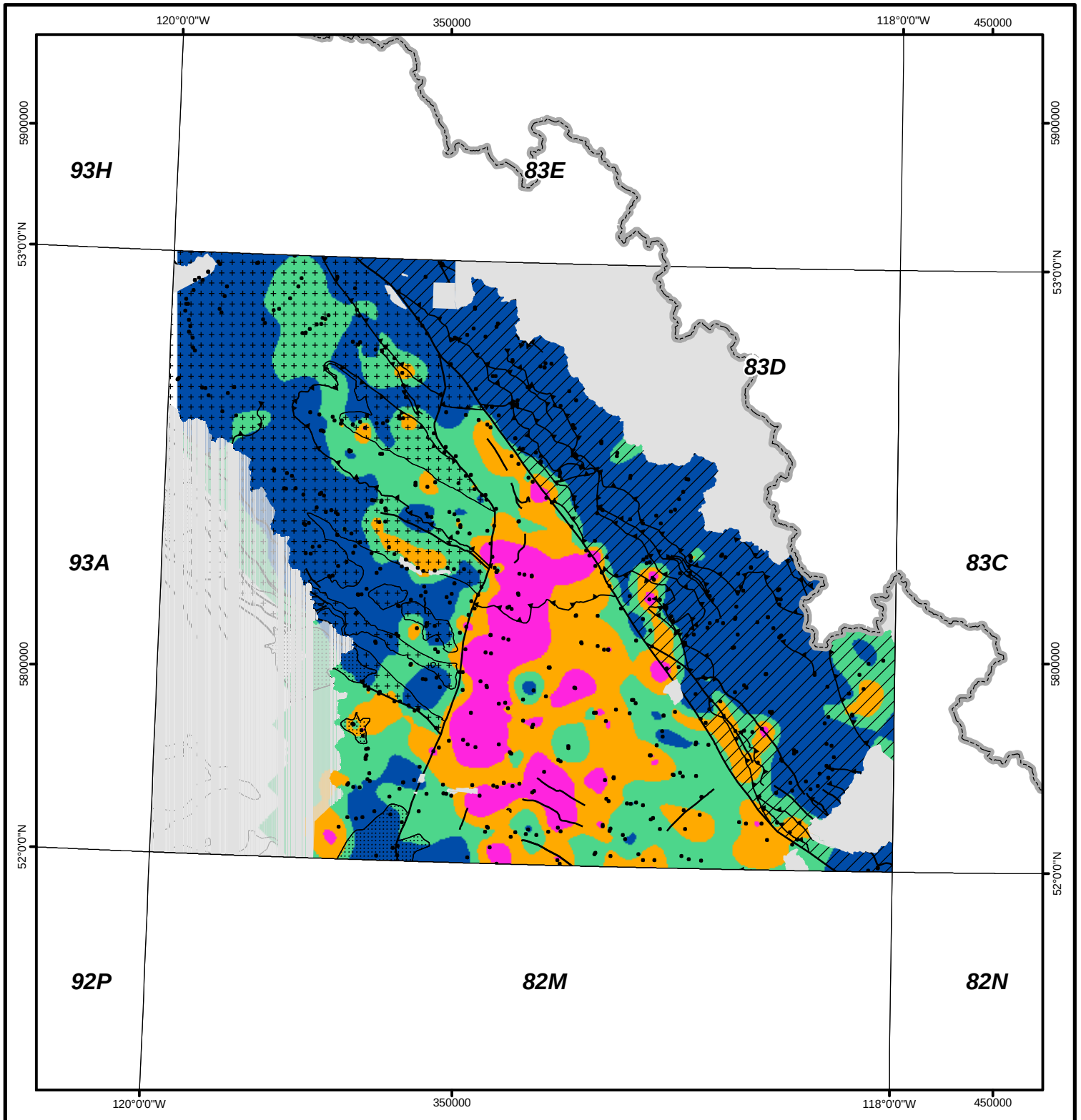
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

ICPMS: W (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-37	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Sc (ppm)

- > 3.8
- 2.9 - 3.8
- 2.0 - 2.9
- < 2.0

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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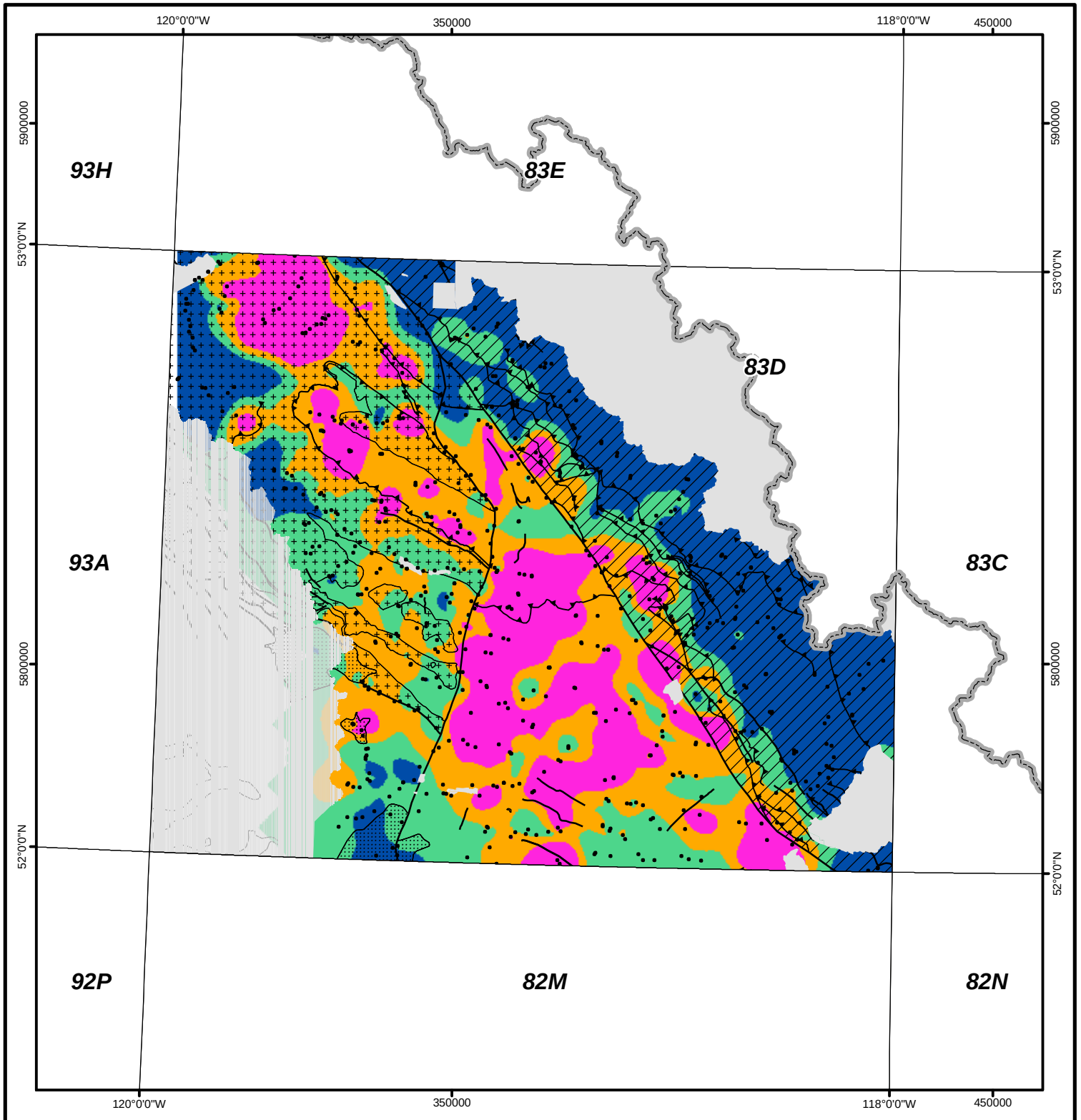
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

ICPMS: Sc (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-38	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Tl (ppm)

- > 0.30
- 0.20 - 0.30
- 0.10 - 0.20
- < 0.10

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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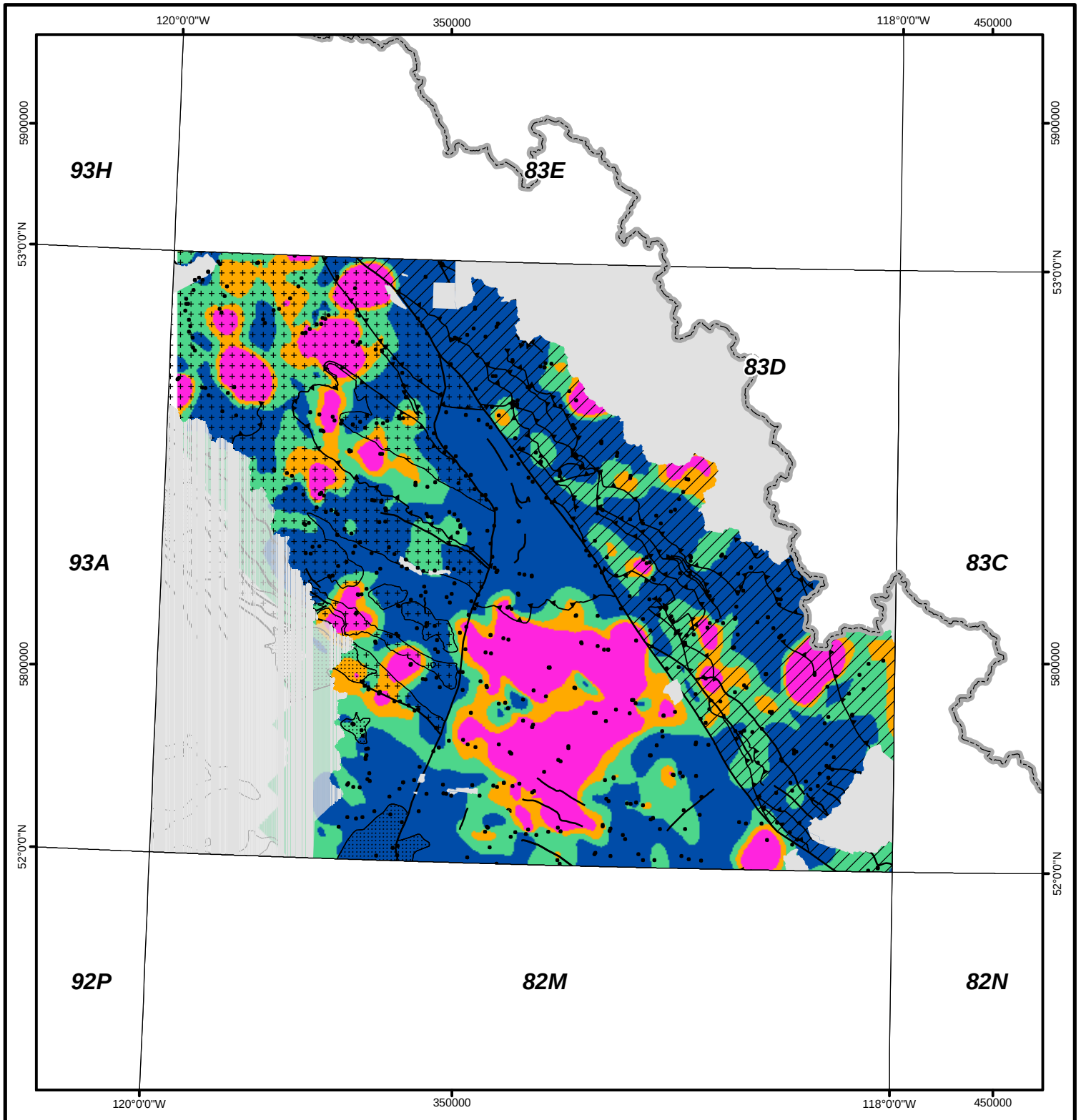
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

ICPMS: Tl (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-39	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

S (%)

- > 0.13
- 0.09 - 0.13
- 0.05 - 0.09
- < 0.05

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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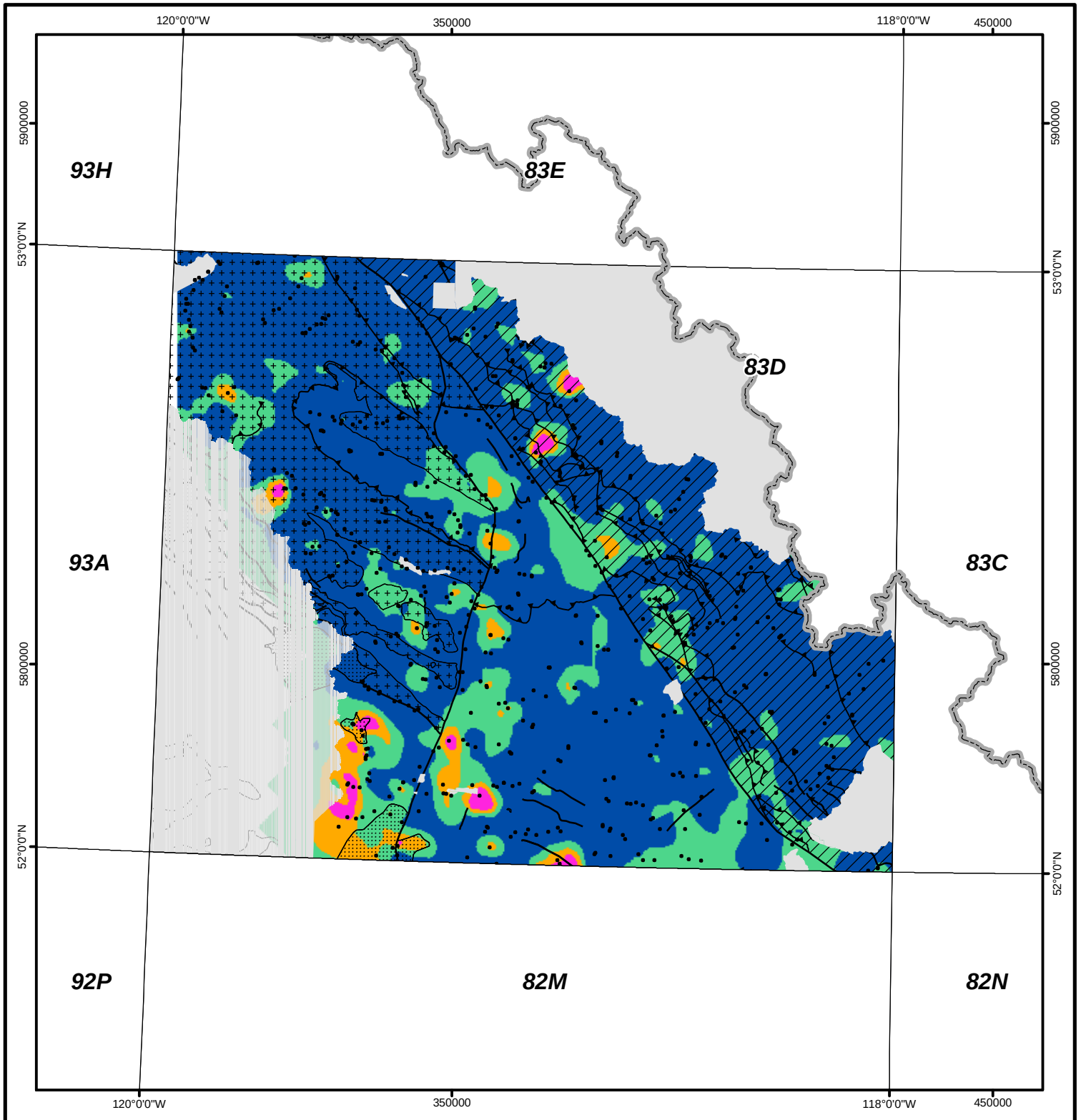
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

ICPMS: S (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-40	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Hg (ppb)

- > 37
- 25 - 37
- 13 - 25
- < 13

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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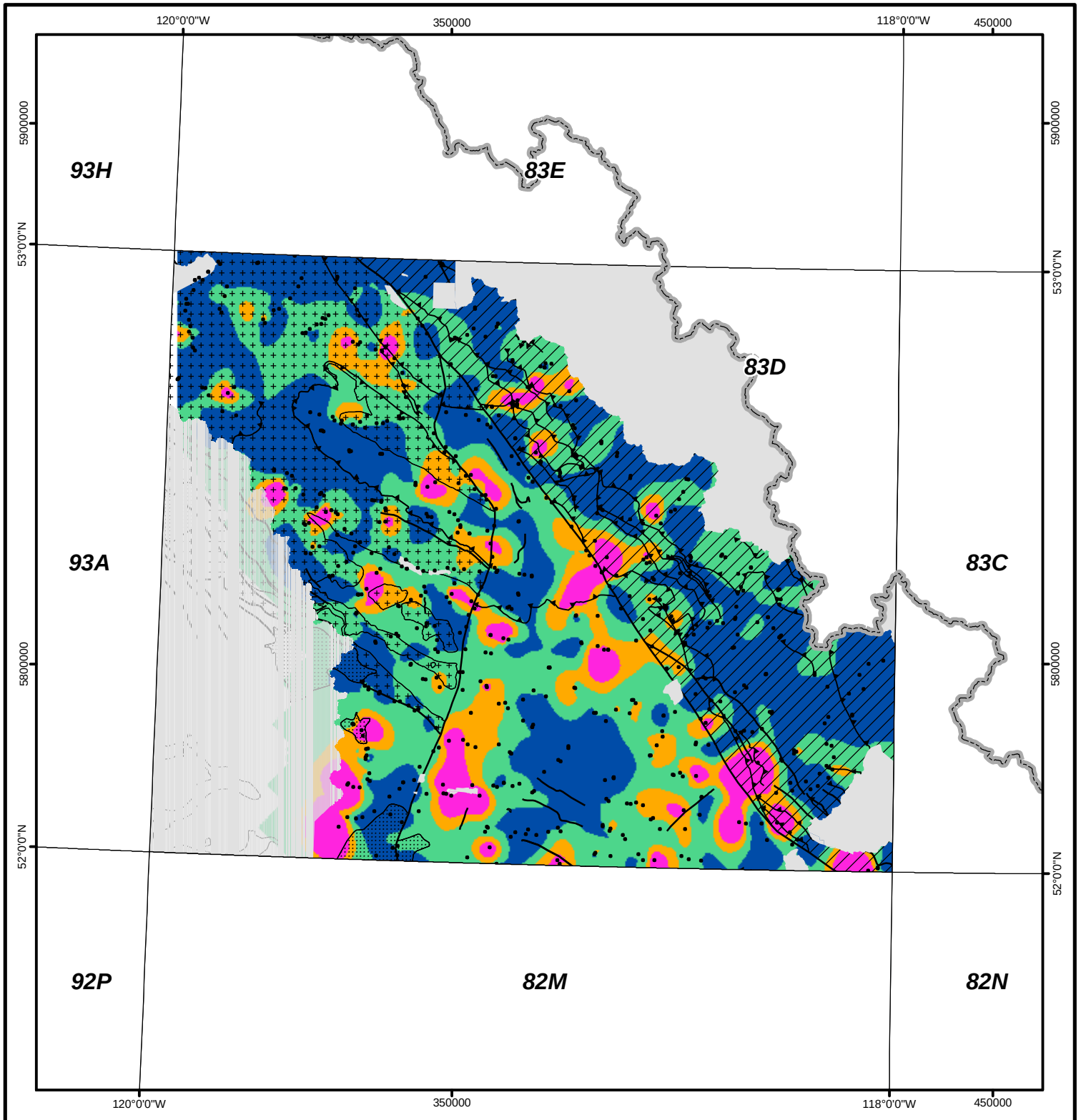
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

ICPMS: Hg (ppb)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-41	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Se (ppm)

- > 1.0
- 0.7 - 1.0
- 0.4 - 0.7
- < 0.4

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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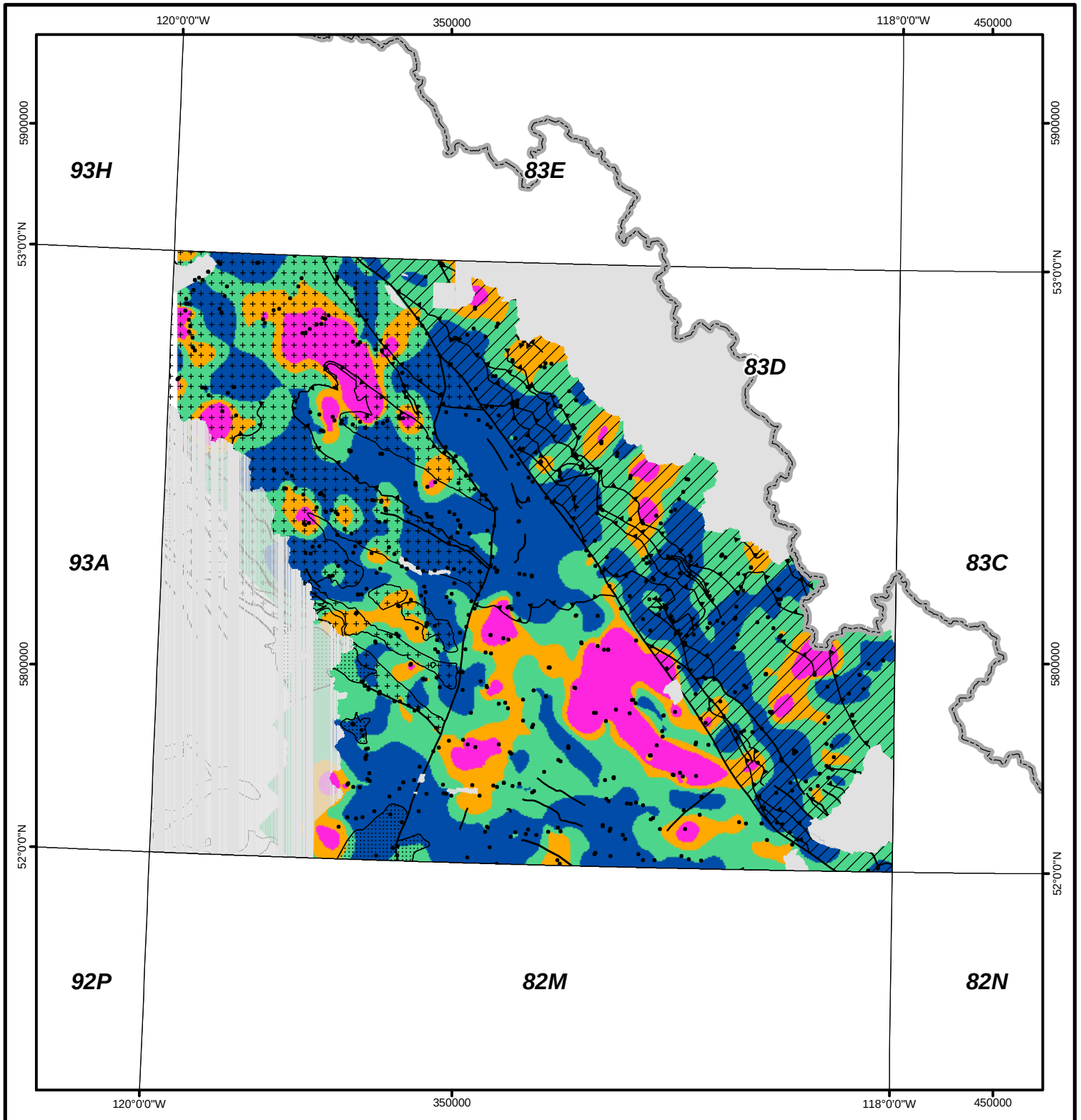
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

ICPMS: Se (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-42	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Te (ppm)

- > 0.04
- 0.03 - 0.04
- 0.02 - 0.03
- < 0.02

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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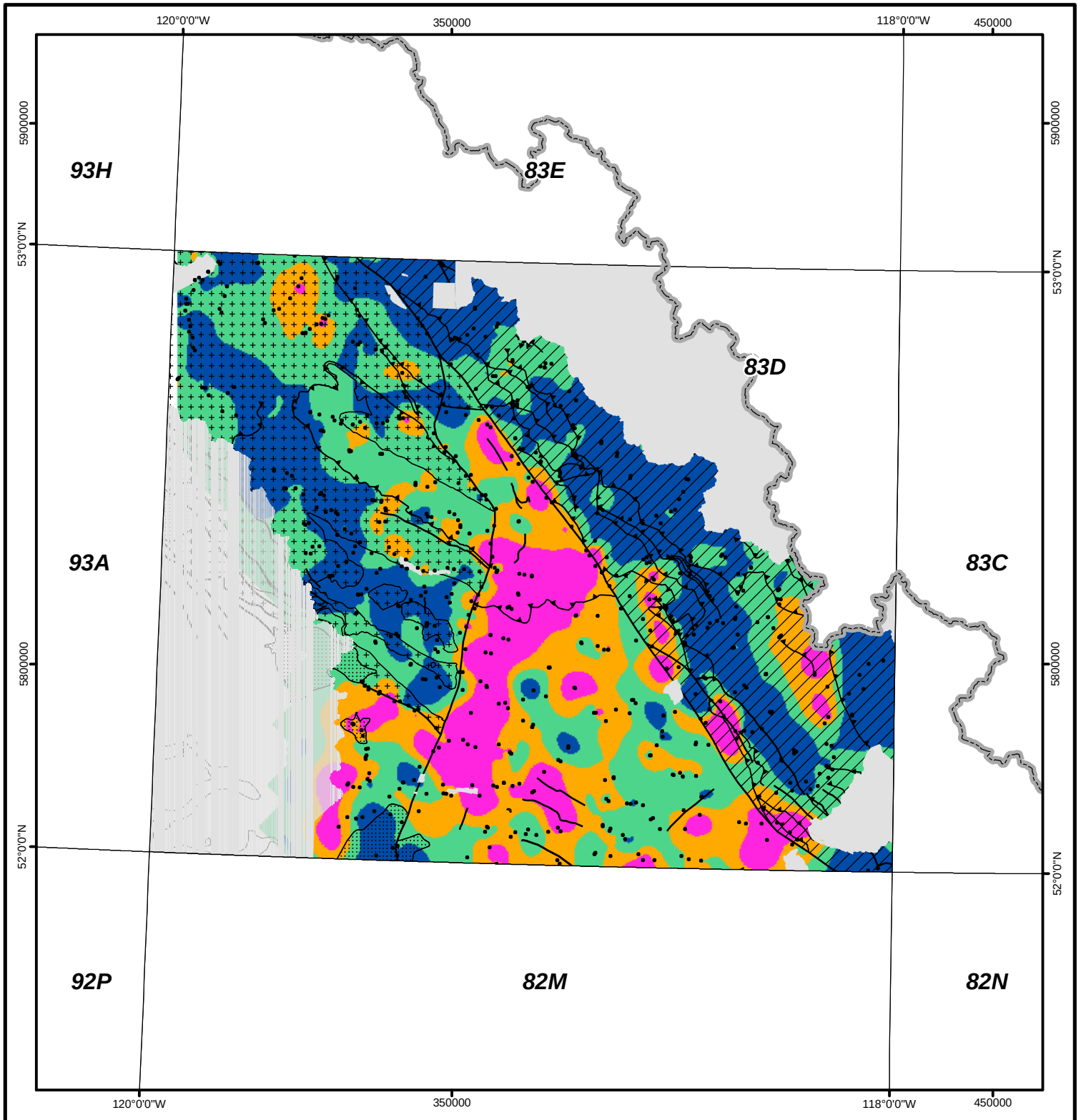
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

ICPMS: Te (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-43	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ga (ppm)

- > 6.3
- 4.8 - 6.3
- 3.3 - 4.8
- < 3.3

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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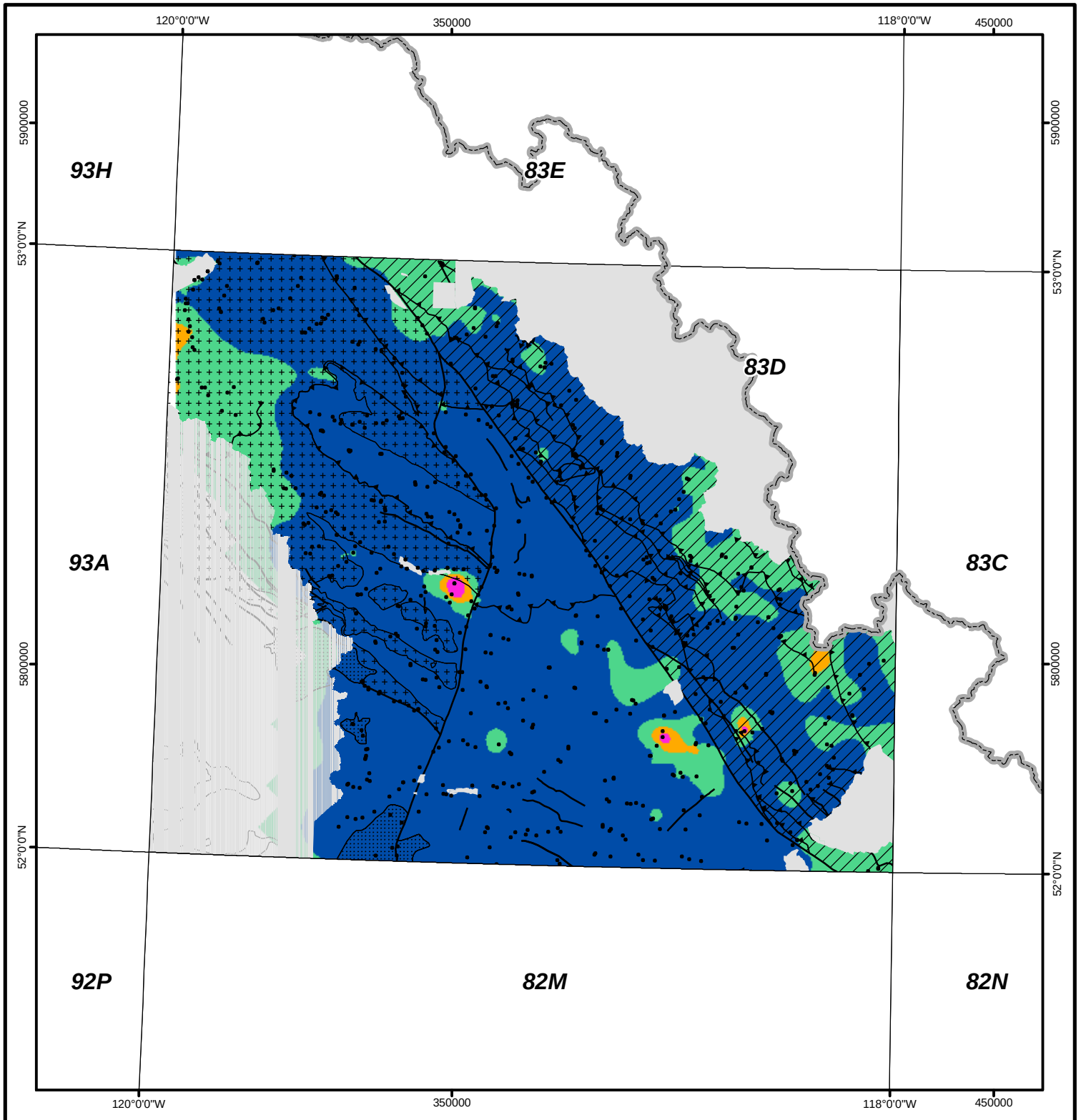
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

ICPMS: Ga (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-44	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Sb (ppm)

- > 0.8
- 0.5 - 0.8
- 0.2 - 0.5
- < 0.2

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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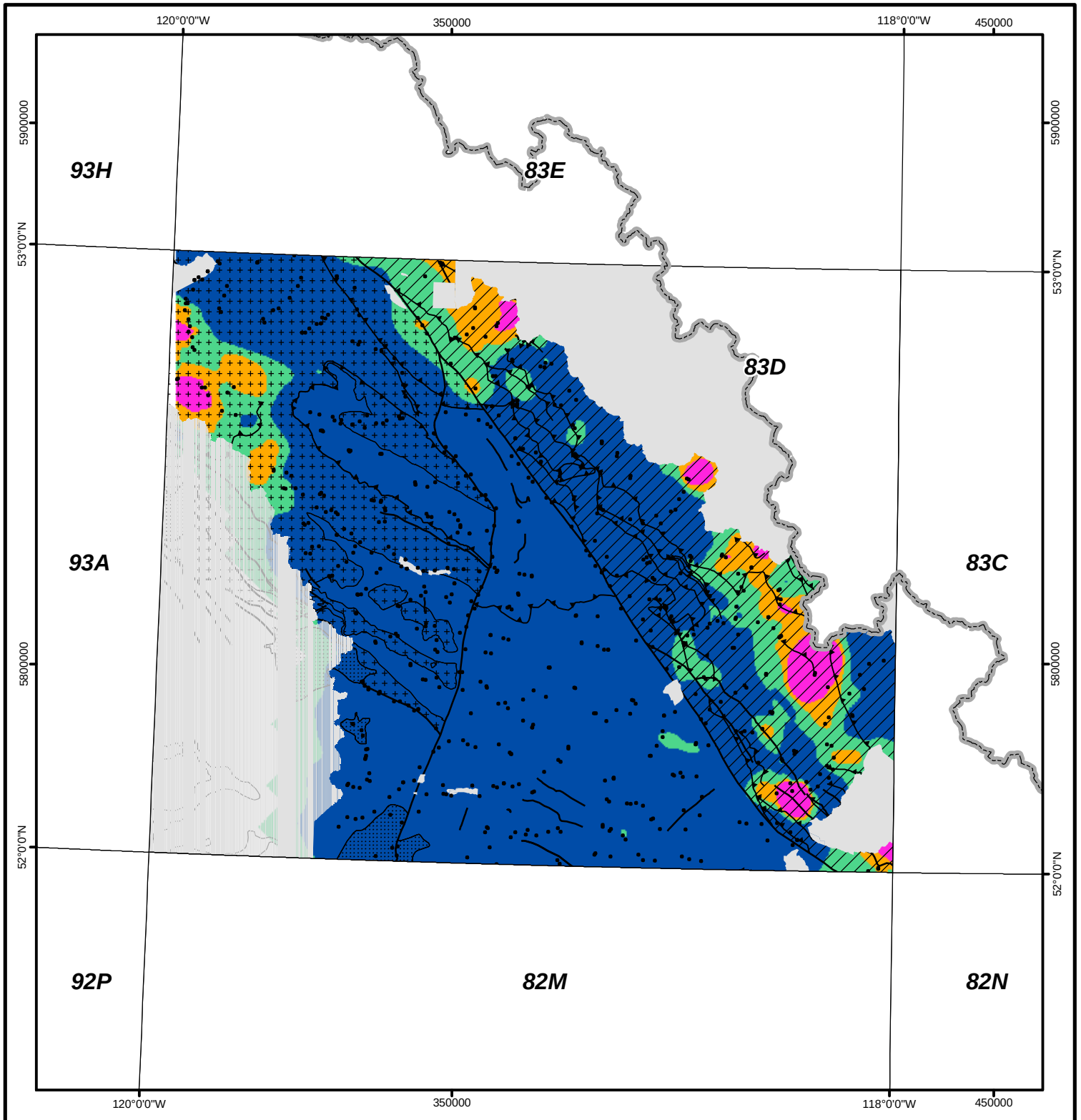
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

INAA: Sb (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-45	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

As (ppm)

- > 14.0
- 9.2 - 14.0
- 4.4 - 9.2
- < 4.4

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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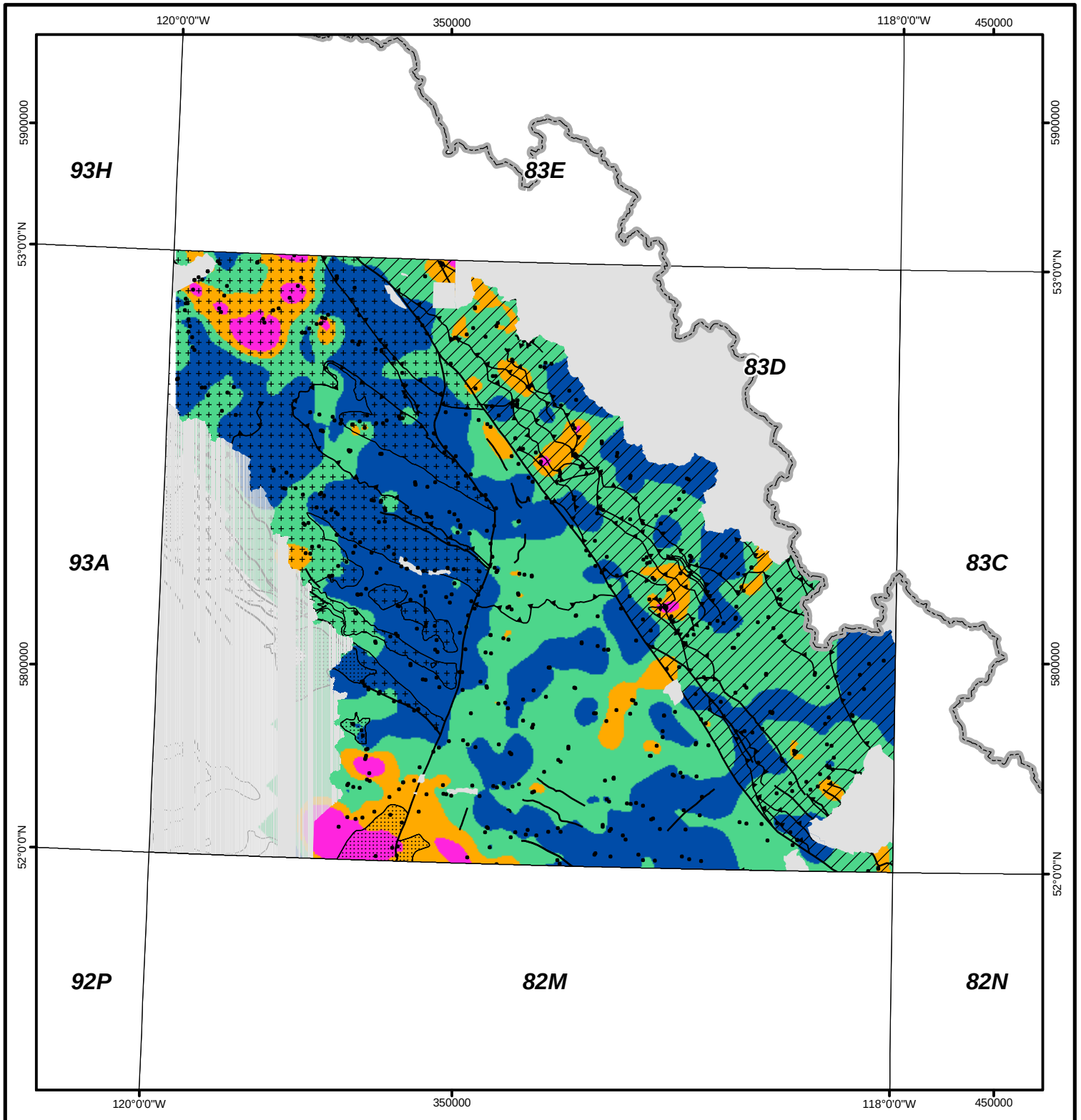
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

INAA: As (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-46	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ba (ppm)

- > 880
- 669 - 880
- 458 - 669
- < 458

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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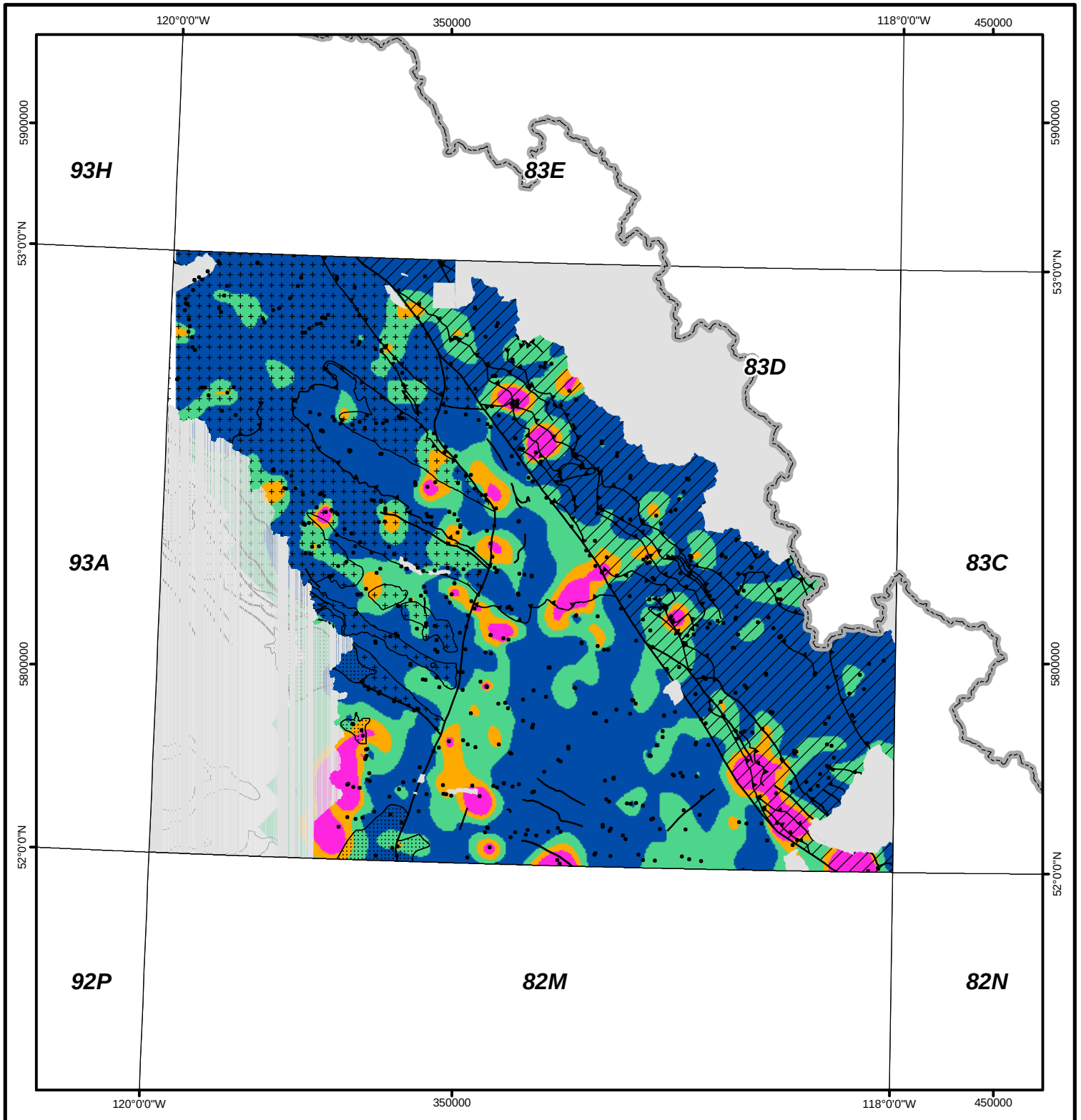
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

INAA: Ba (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-47	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Br (ppm)

- > 14.8
- 9.8 - 14.8
- 4.8 - 9.8
- < 4.8

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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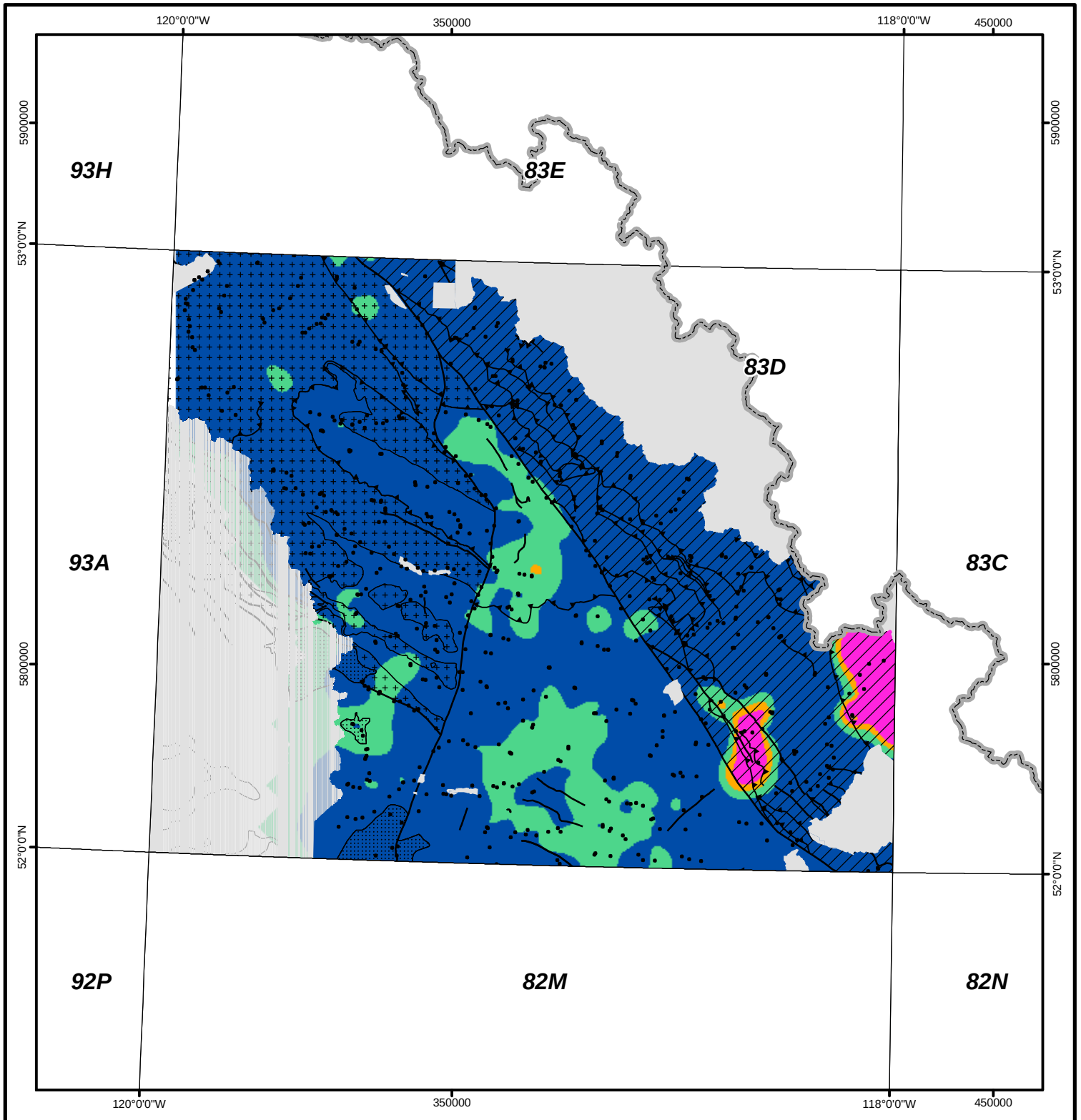
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

INAA: Br (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-48	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ca (%)

- > 9
- 6 - 9
- 3 - 6
- < 3

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

GEOSCIENCE BC

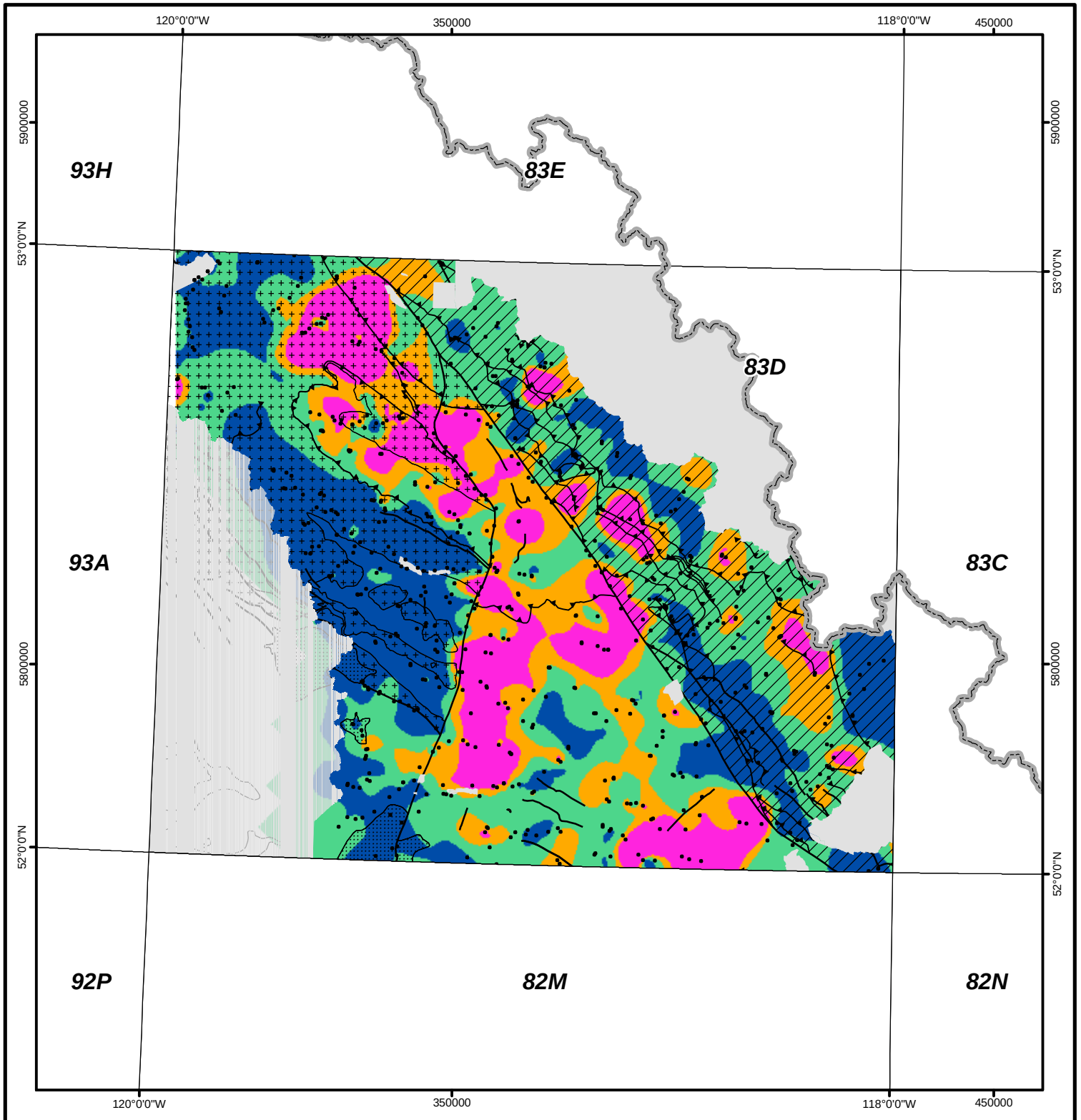
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

INAA: Ca (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-49	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ce (ppm)

- > 342
- 251 - 342
- 160 - 251
- < 160

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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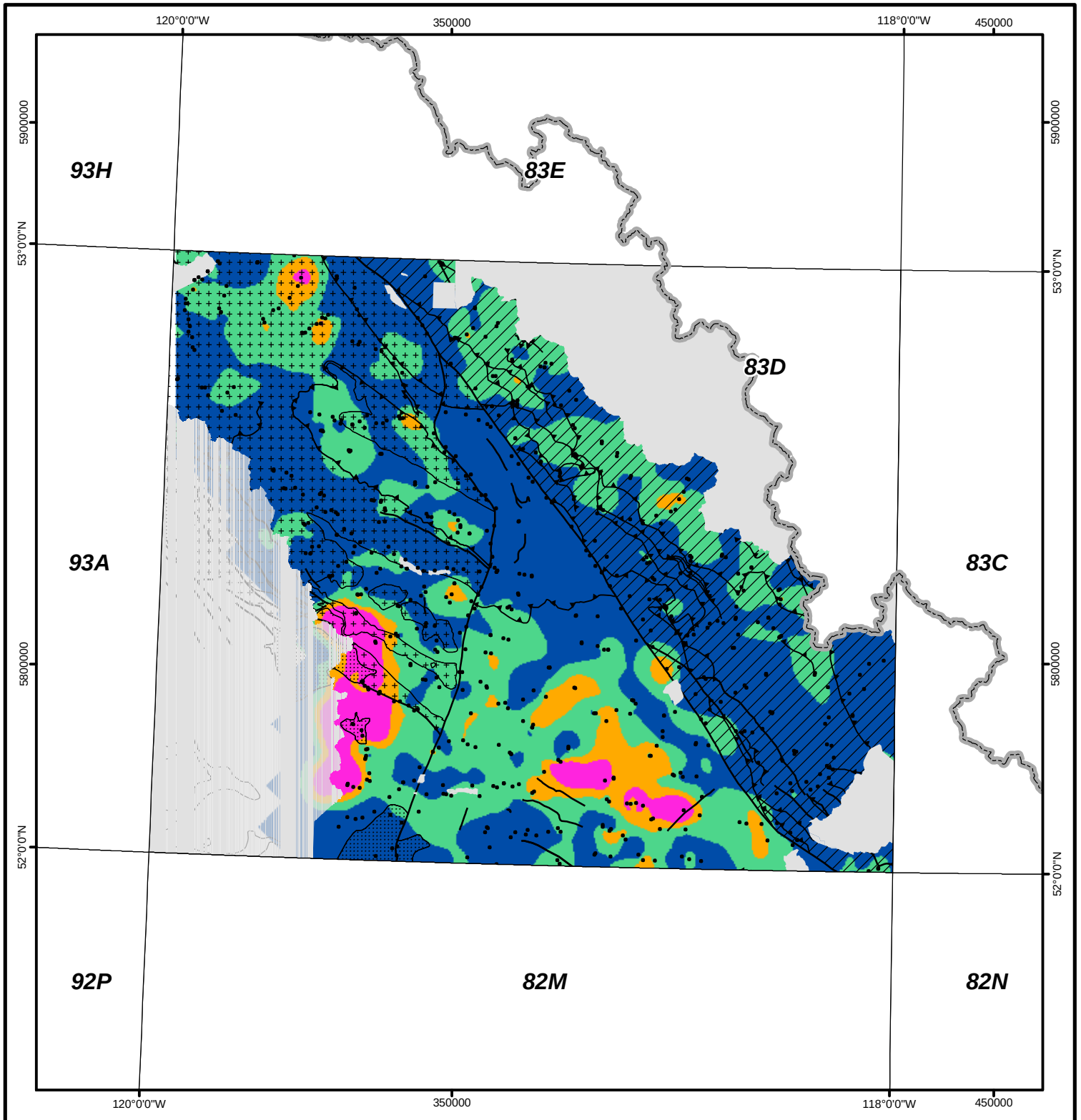
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

INAA: Ce (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-50	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Cs (ppm)

- > 8
- 6 - 8
- 4 - 6
- < 4

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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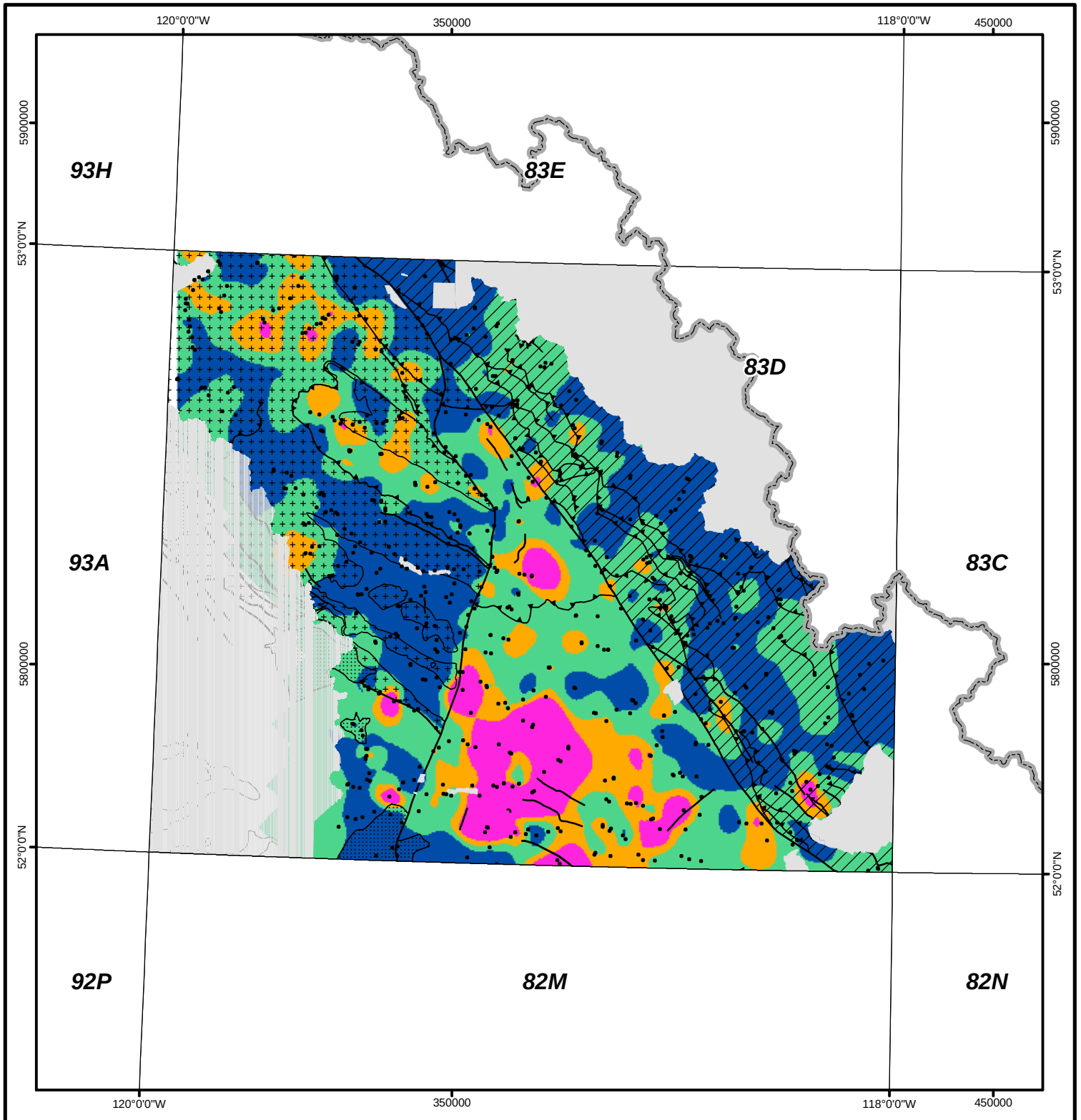
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

INAA: Cs (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-51	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Cr (ppm)

- > 135
- 105 - 135
- 75 - 105
- < 75

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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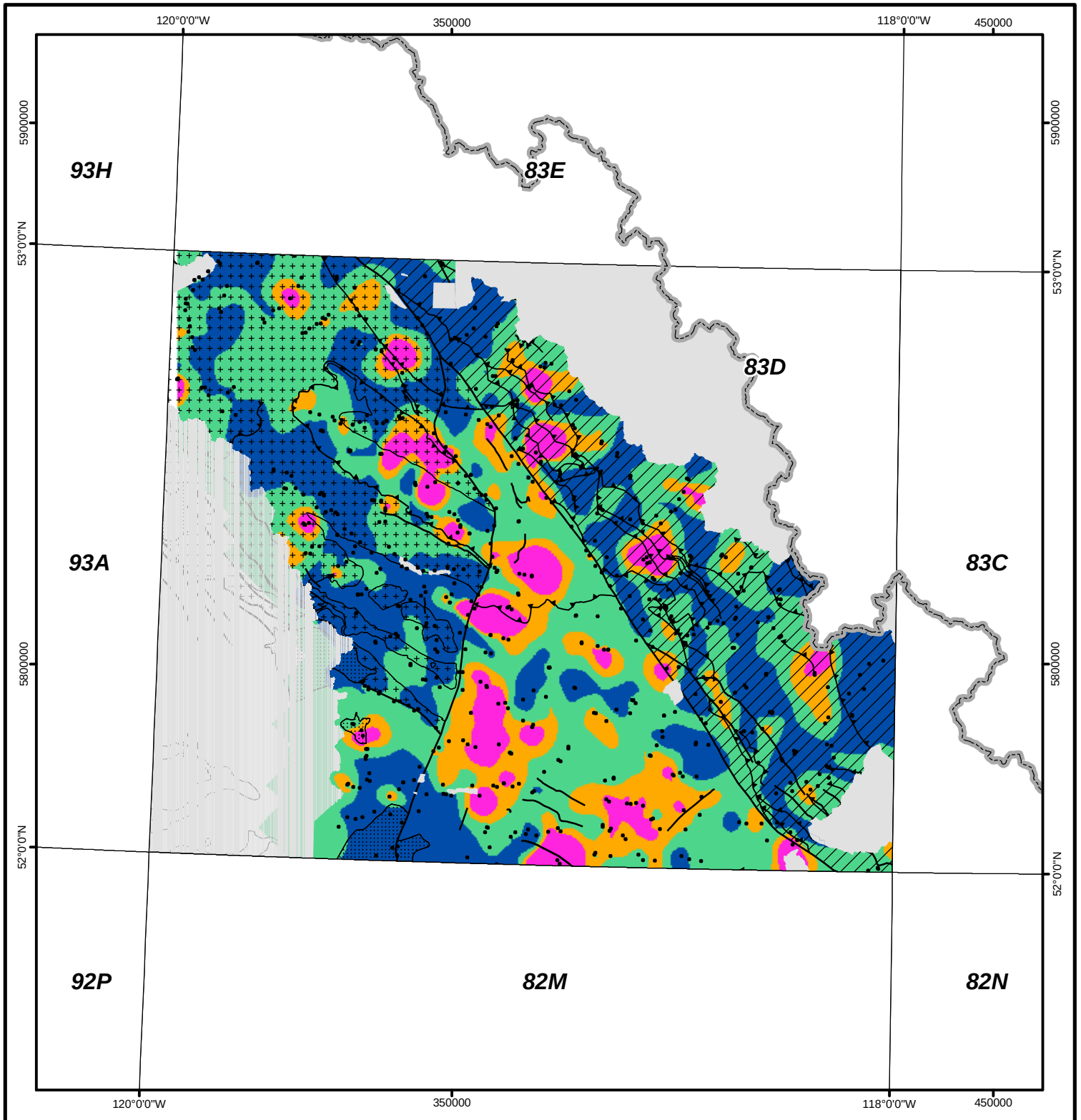
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

INAA: Cr (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-52	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Co (ppm)

- > 24
- 19 - 24
- 14 - 19
- < 14

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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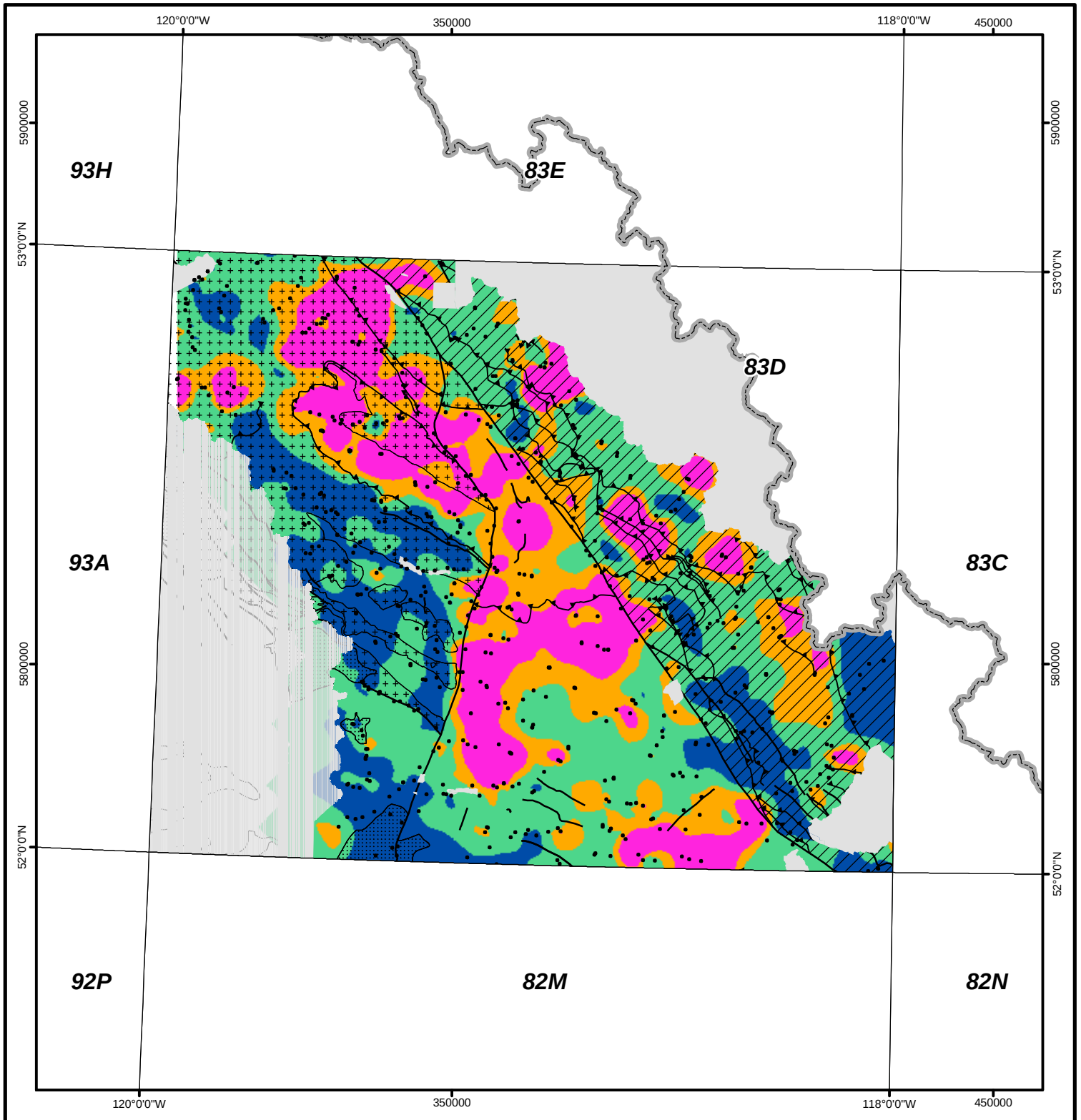
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

INAA: Co (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-53	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Eu (ppm)

- > 3.9
- 2.9 - 3.9
- 1.9 - 2.9
- < 1.9

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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N

0 10 20 km

NAD83 UTM Zone 11N

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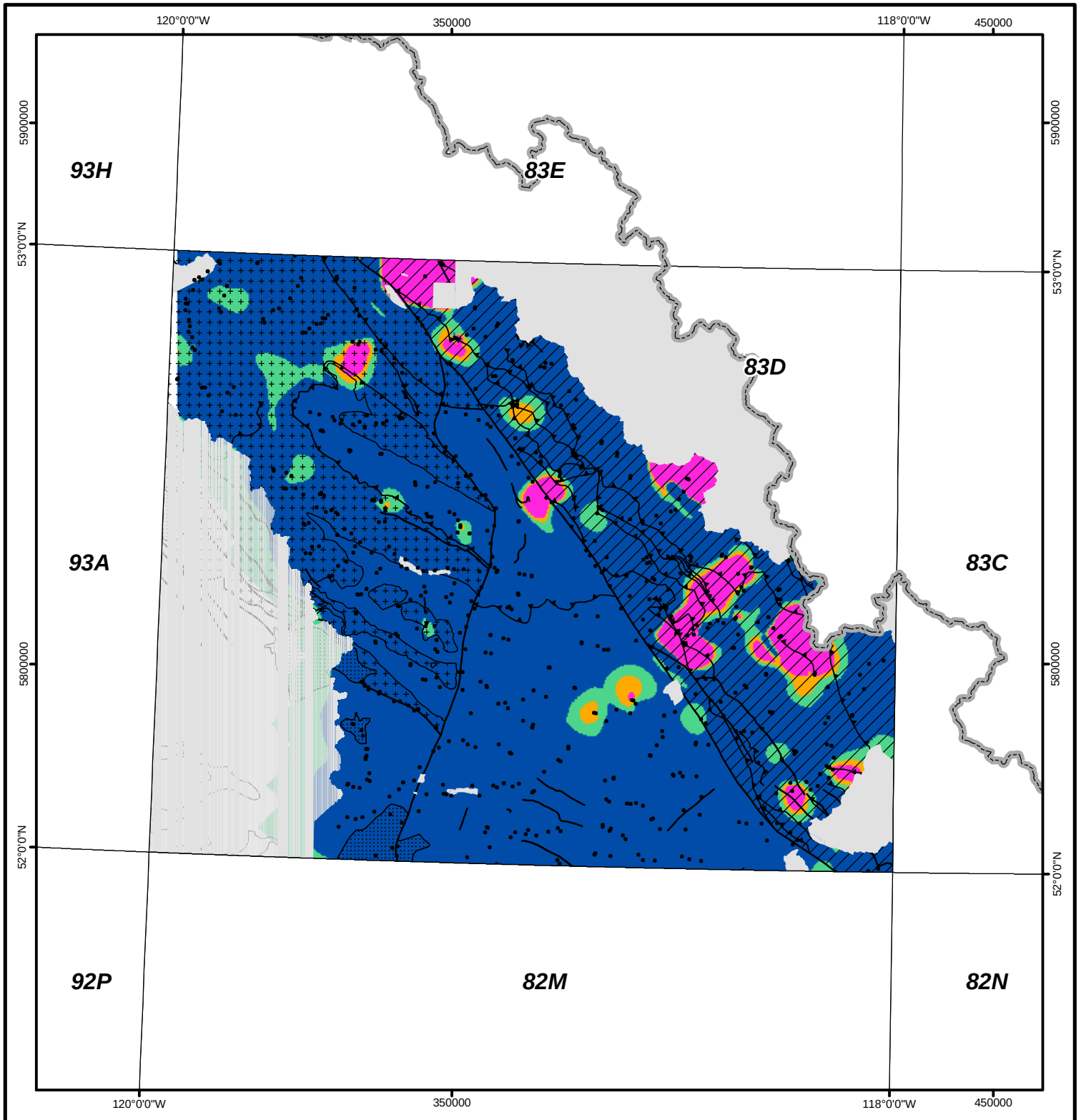
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

INAA: Eu (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-54	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Au (ppb)

- > 8
- 5 - 8
- 2 - 5
- < 2

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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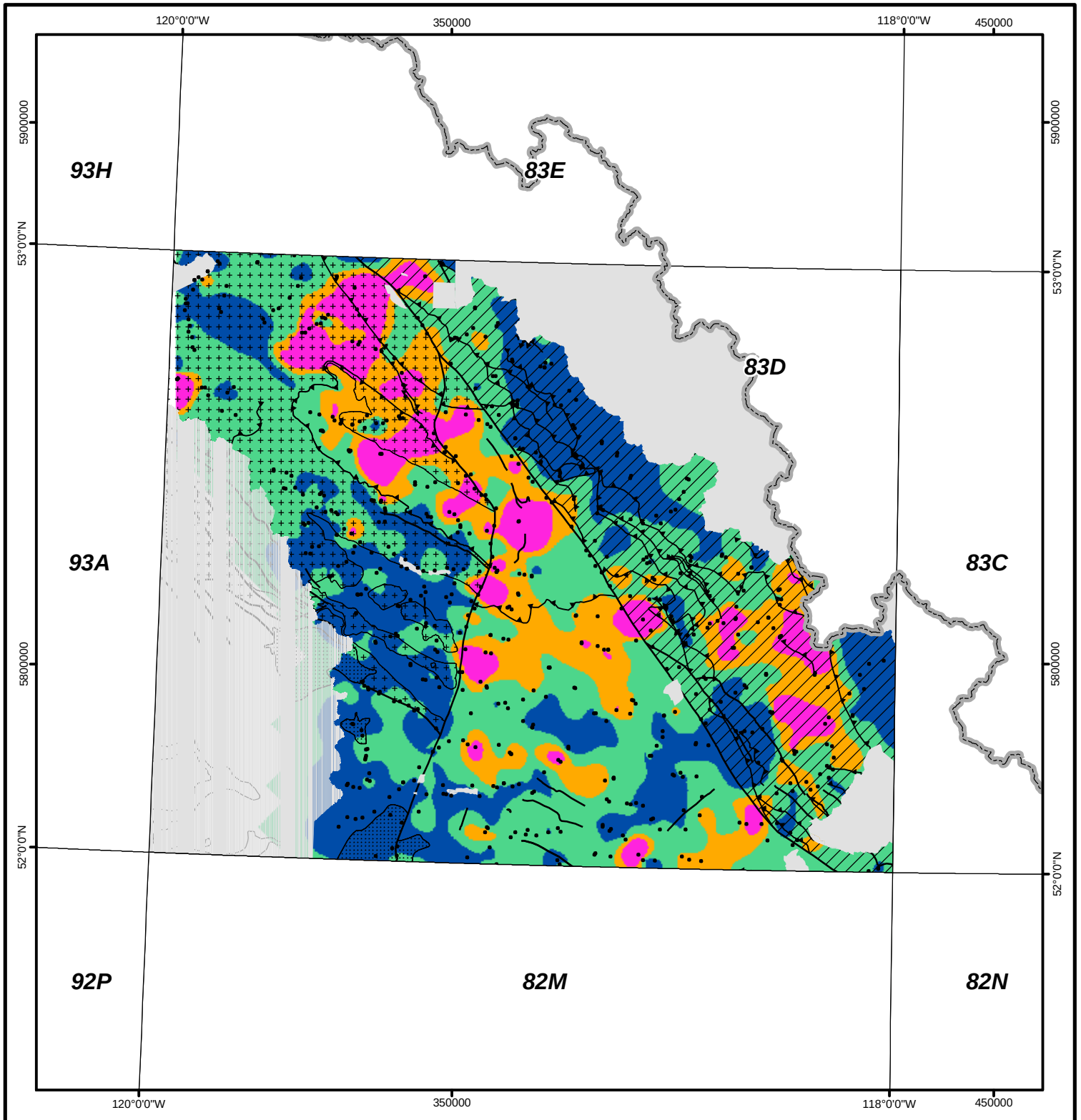
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

INAA: Au (ppb)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-55	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Hf (ppm)

- > 25
- 18 - 25
- 11 - 18
- < 11

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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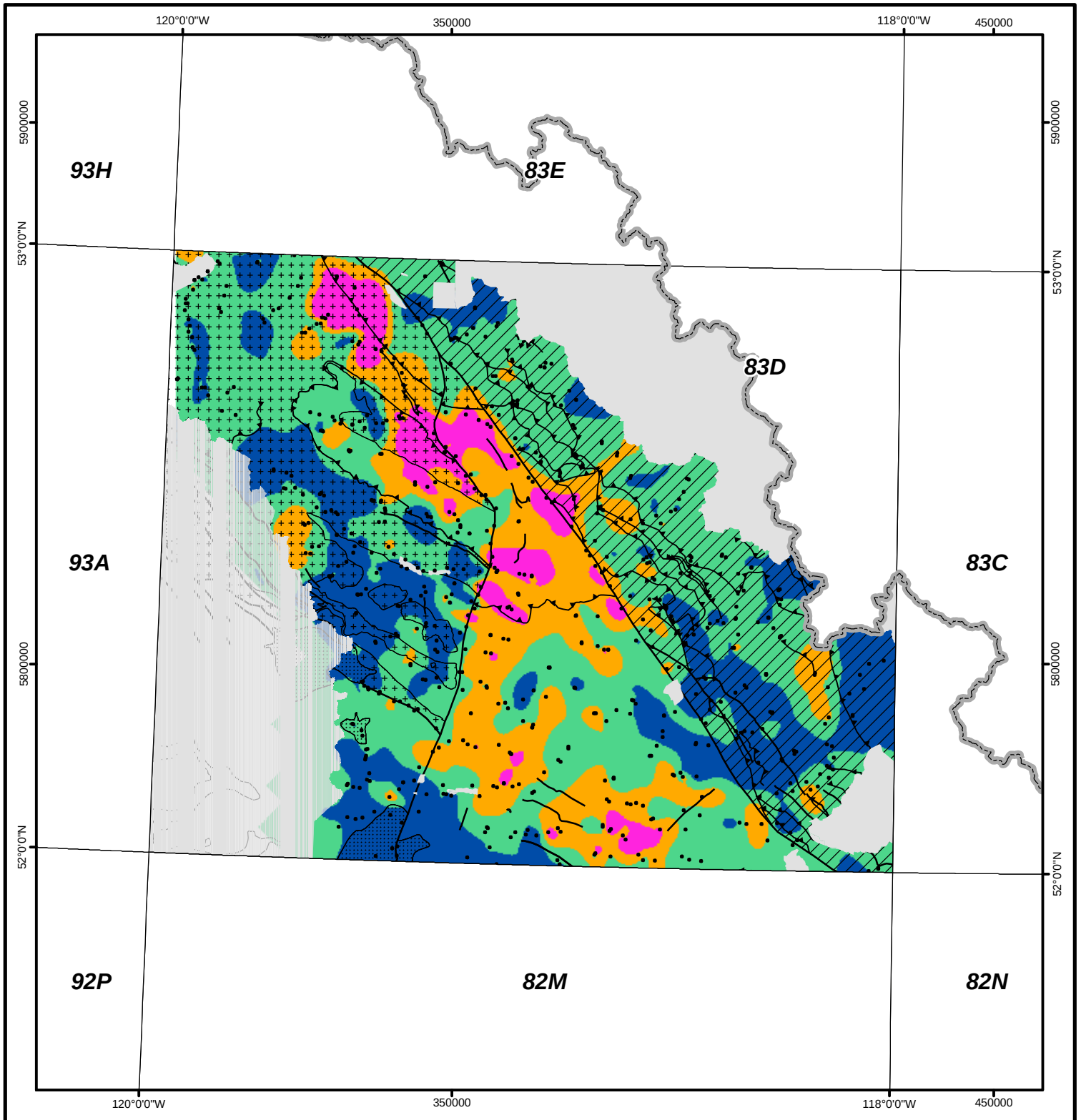
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

INAA: Hf (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-56	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Fe (%)

- > 6.07
- 4.86 - 6.07
- 3.65 - 4.86
- < 3.65

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
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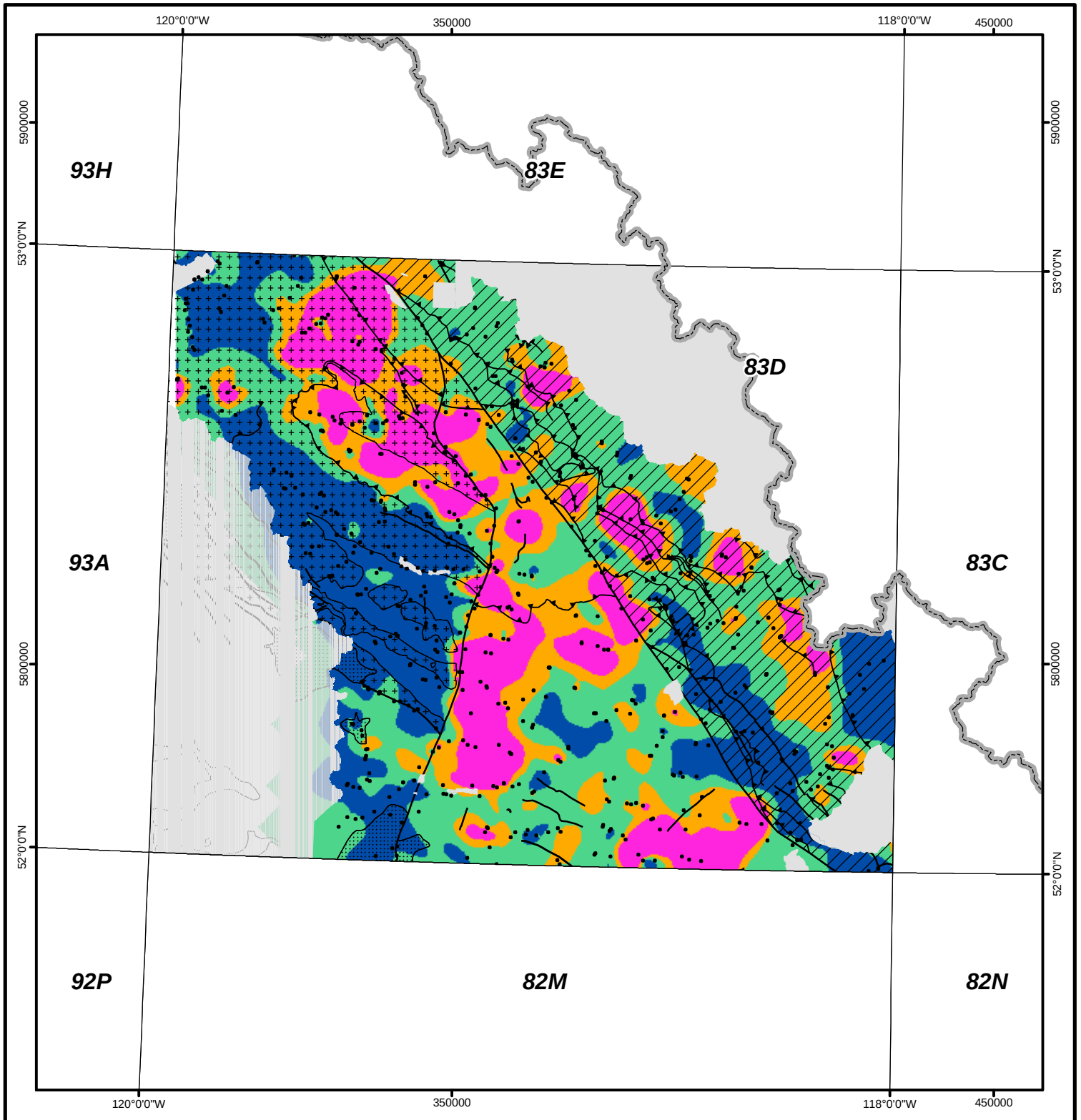
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

INAA: Fe (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-57	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

La (ppm)

- > 180.7
- 131.9 - 180.7
- 83.1 - 131.9
- < 83.1

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
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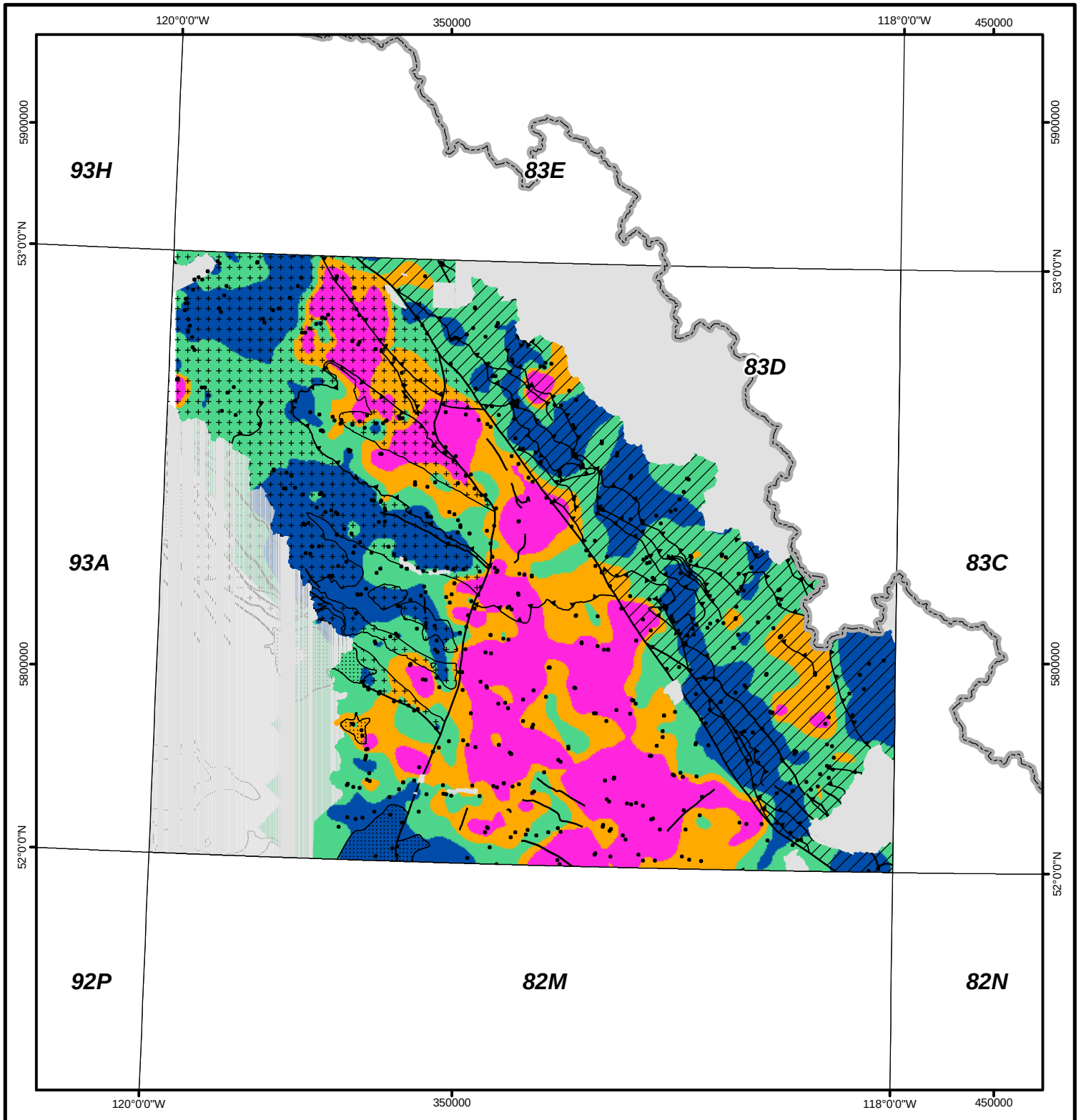
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

INAA: La (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-58	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Lu (ppm)

- > 1.18
- 0.87 - 1.18
- 0.56 - 0.87
- < 0.56

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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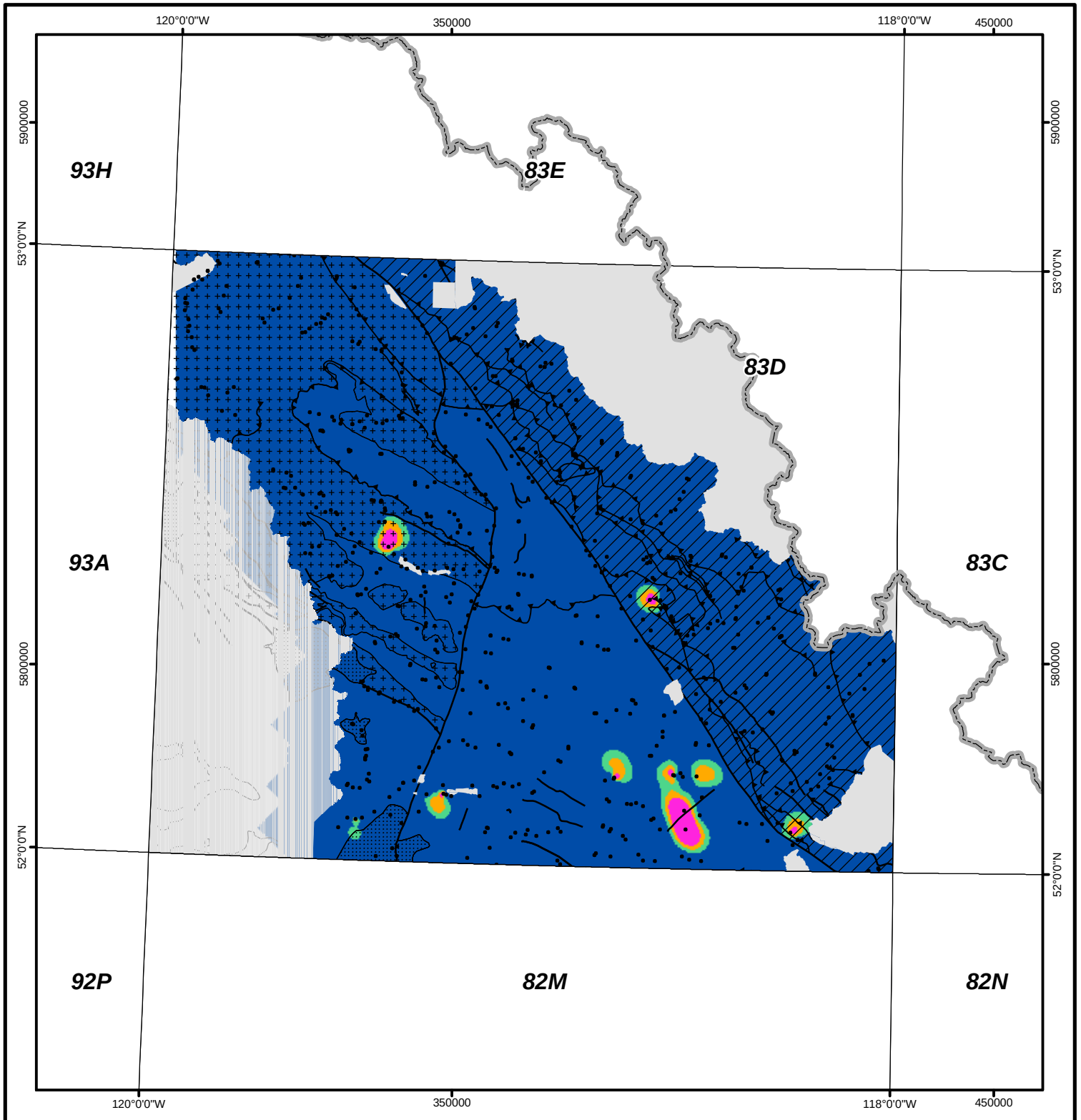
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

INAA: Lu (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-59	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Mo (ppm)

- > 4
- 3 - 4
- 2 - 3
- < 2

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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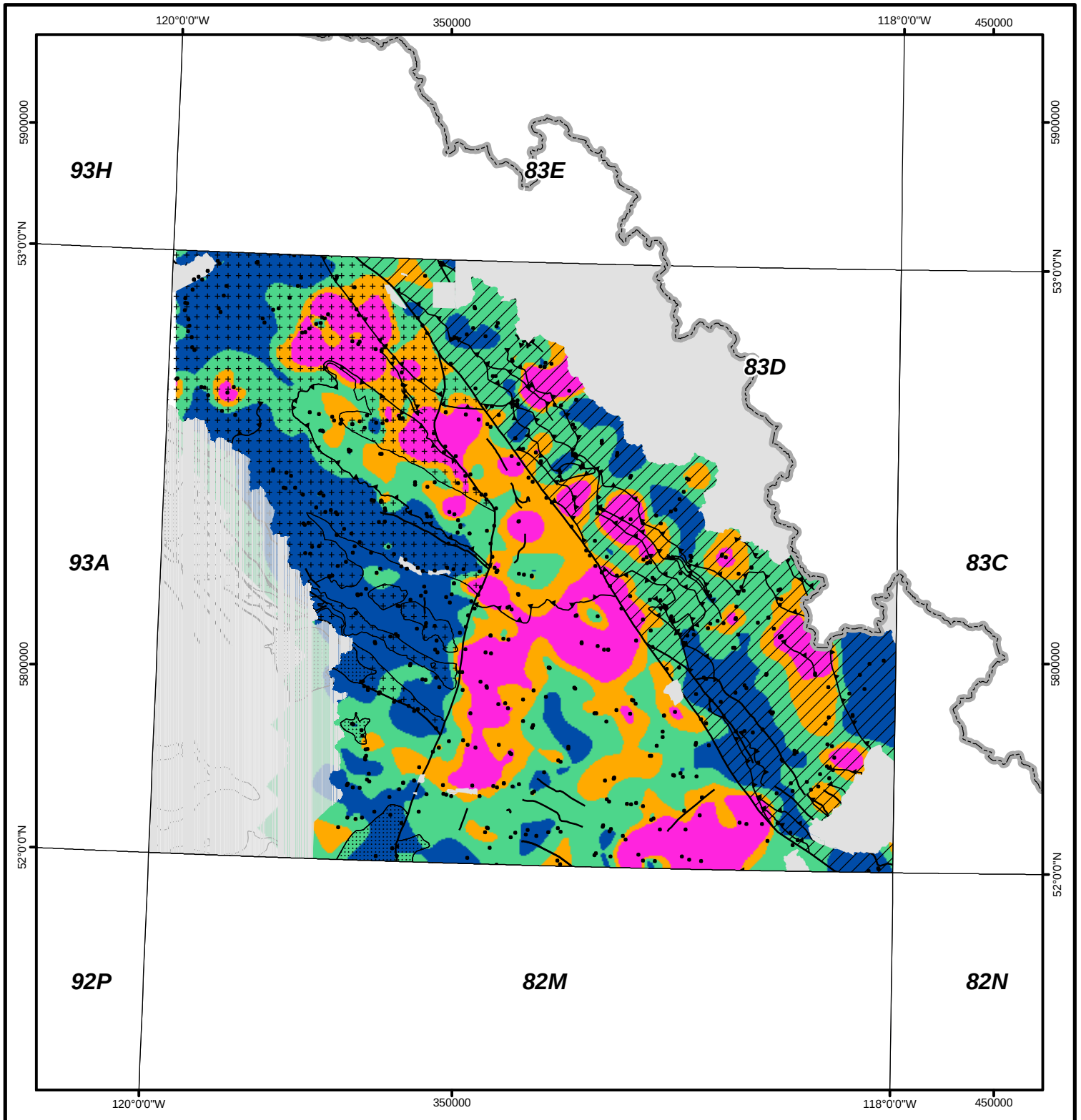
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

INAA: Mo (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-60	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Nd (ppm)

- > 131
- 97 - 131
- 63 - 97
- < 63

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
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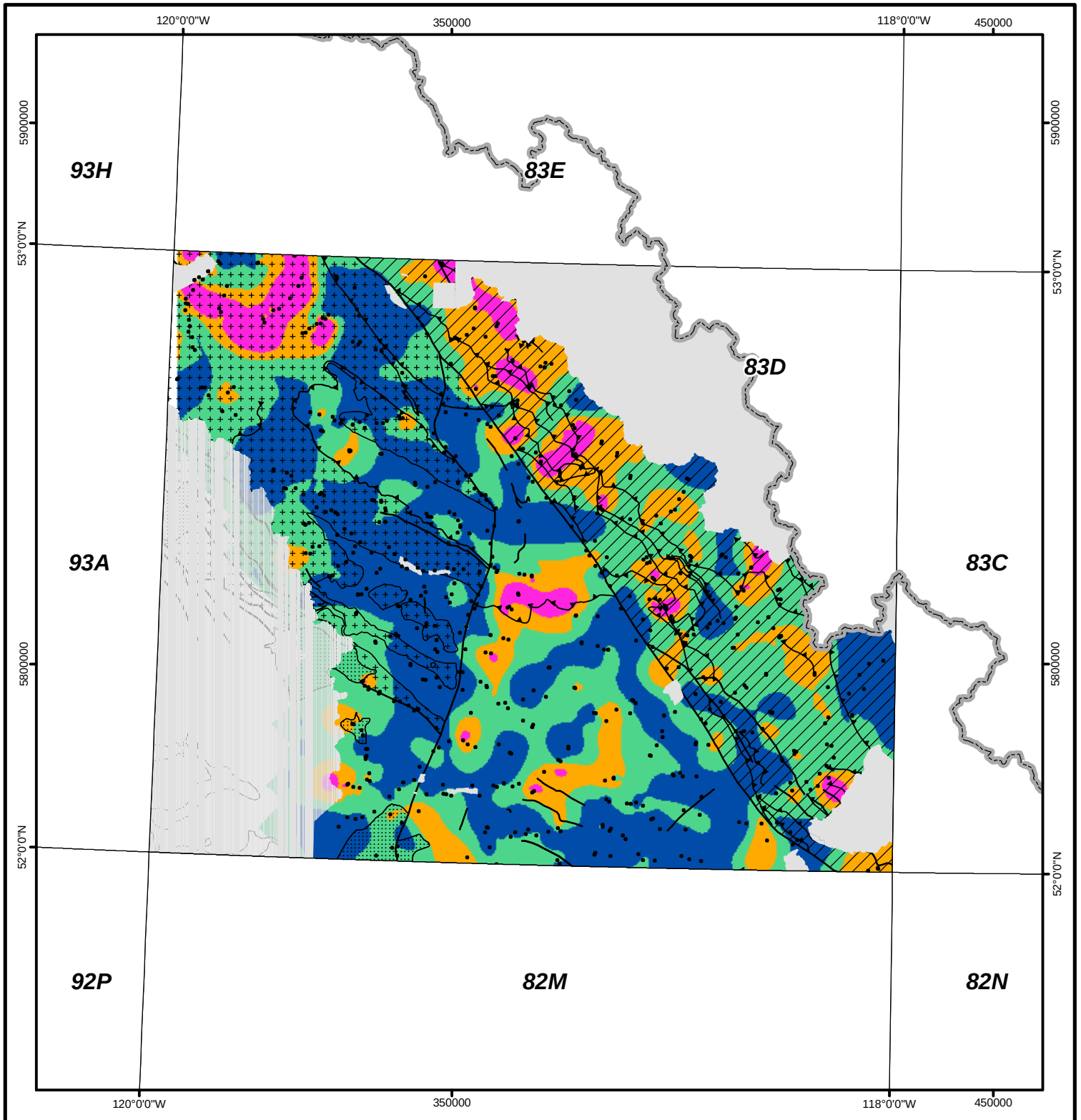
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

INAA: Nd (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-61	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Rb (ppm)

- > 145
- 115 - 145
- 85 - 115
- < 85

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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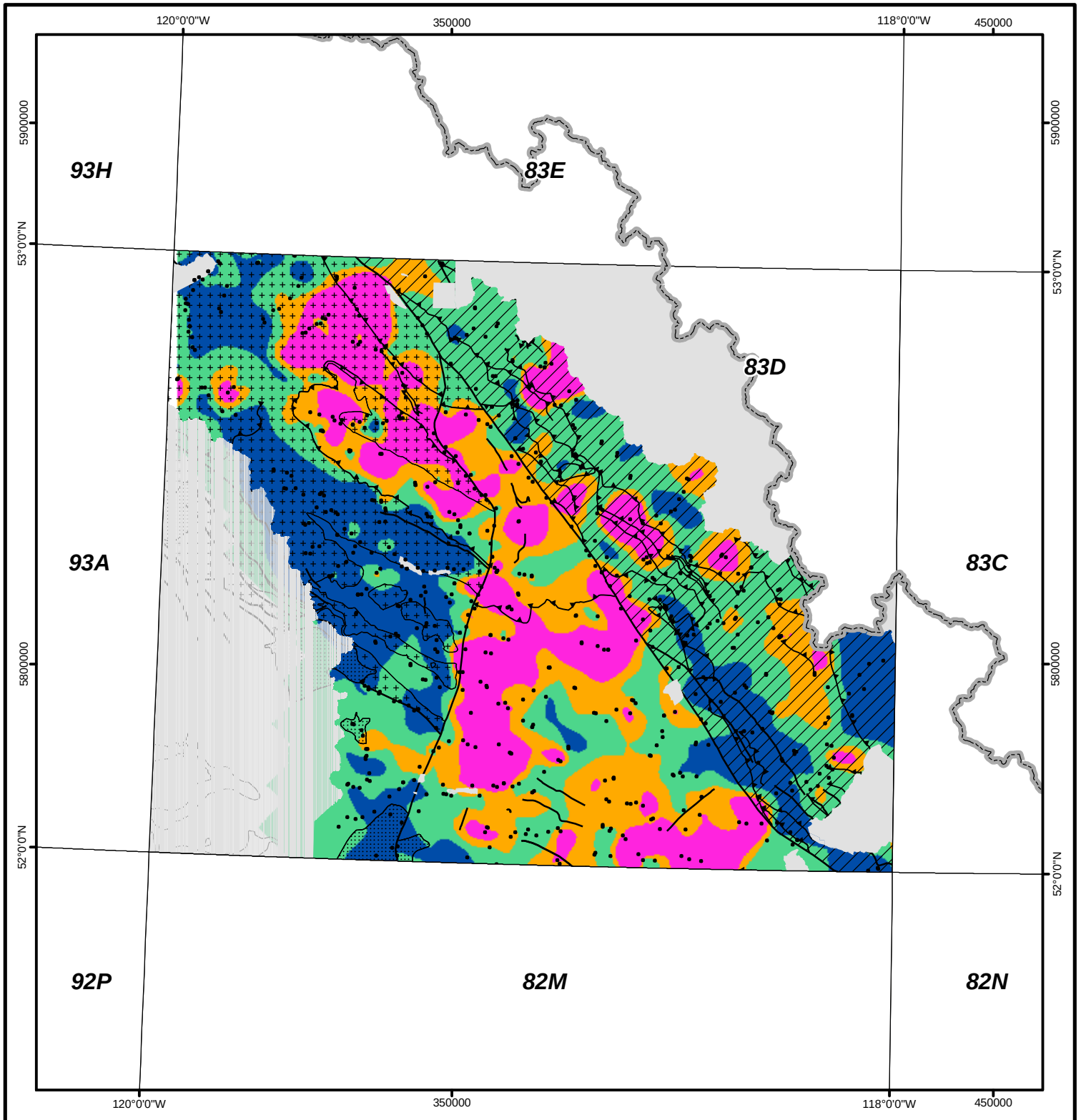
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

INAA: Rb (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-62	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Sm (ppm)

- > 25.0
- 18.3 - 25.0
- 11.6 - 18.3
- < 11.6

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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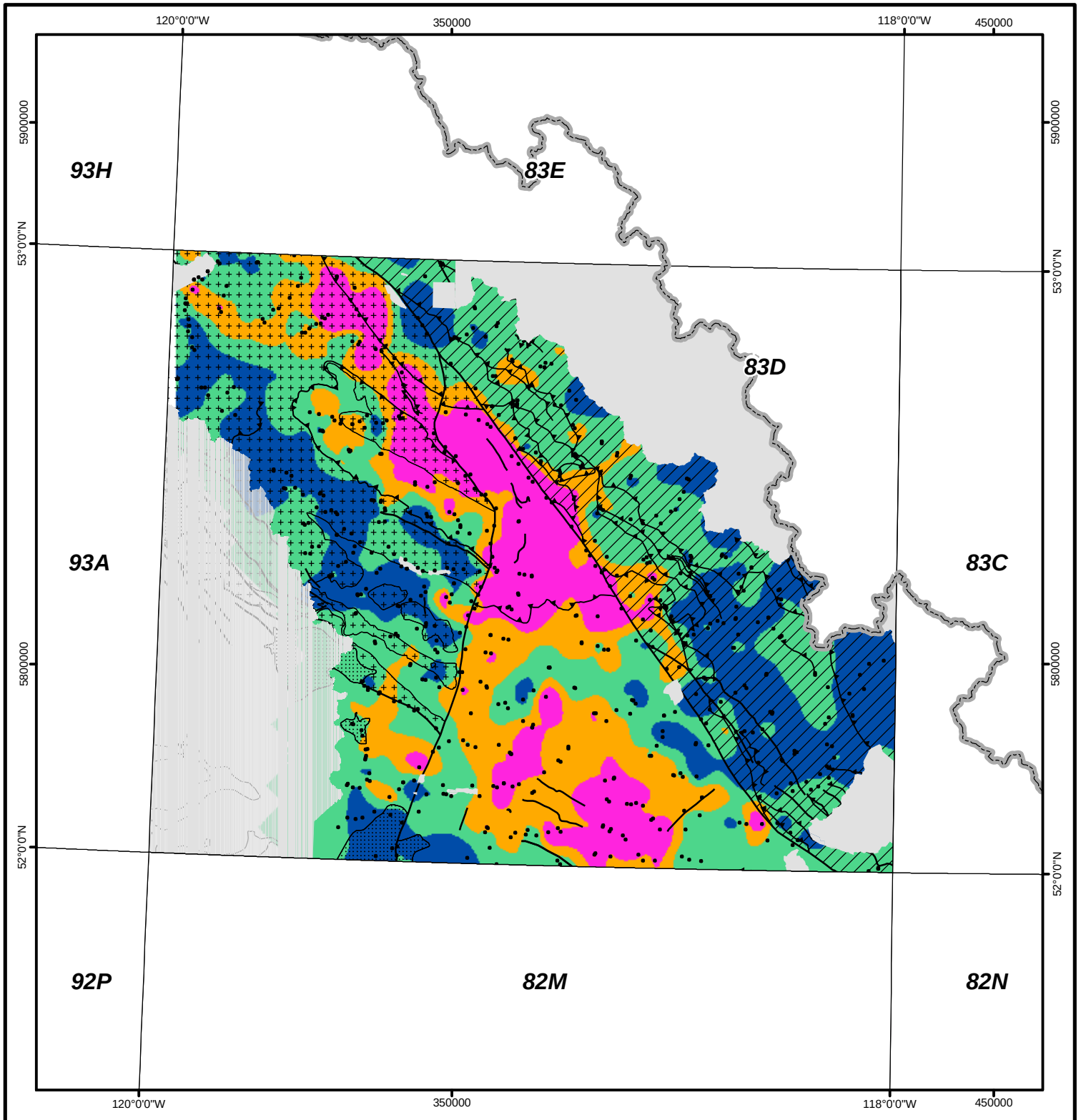
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

INAA: Sm (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-63	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Sc (ppm)

- > 19.7
- 15.5 - 19.7
- 11.3 - 15.5
- < 11.3

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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GEOSCIENCE BC

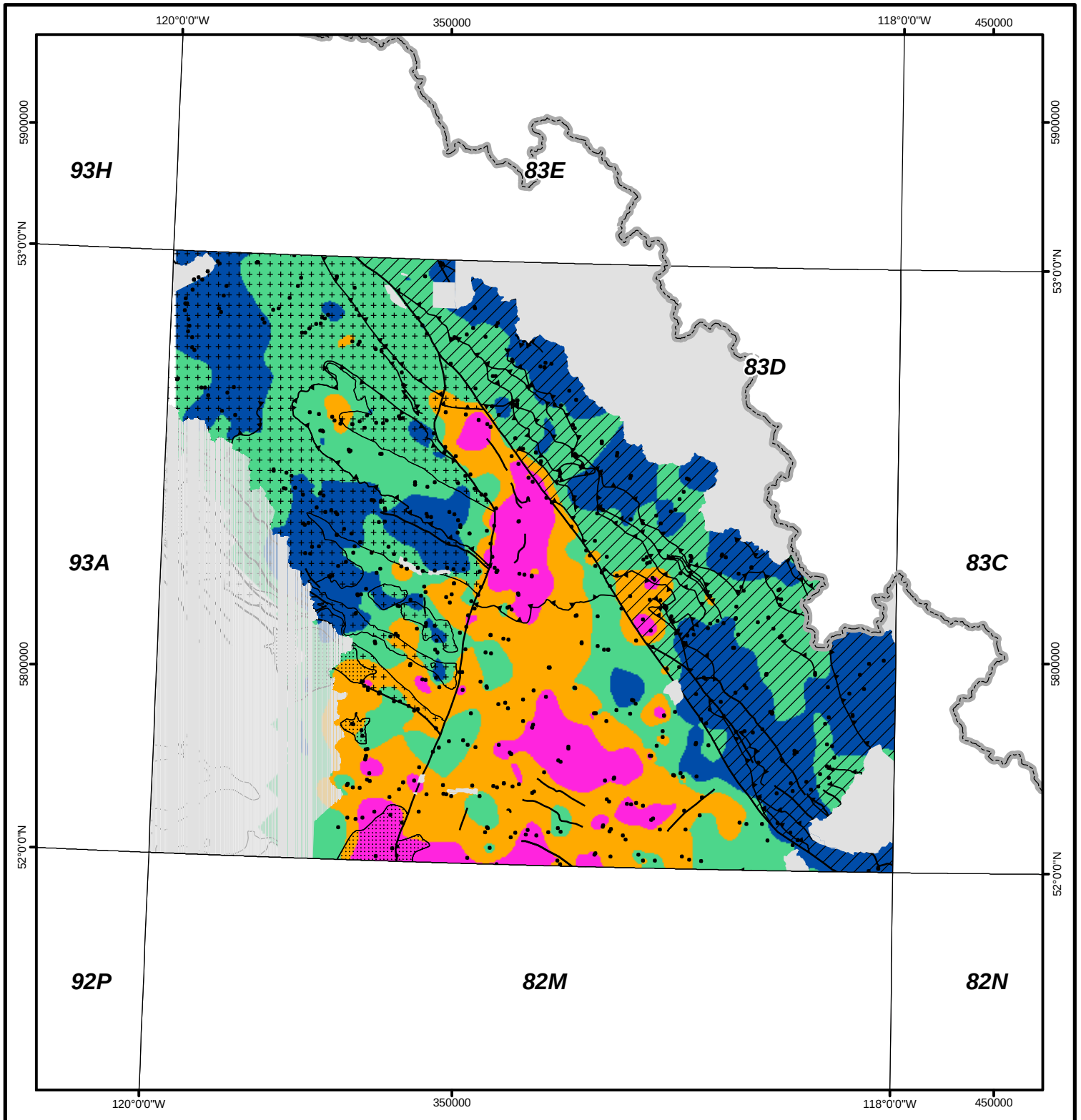
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

INAA: Sc (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-64	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Na (%)

- > 1.70
- 1.28 - 1.70
- 0.86 - 1.28
- < 0.86

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
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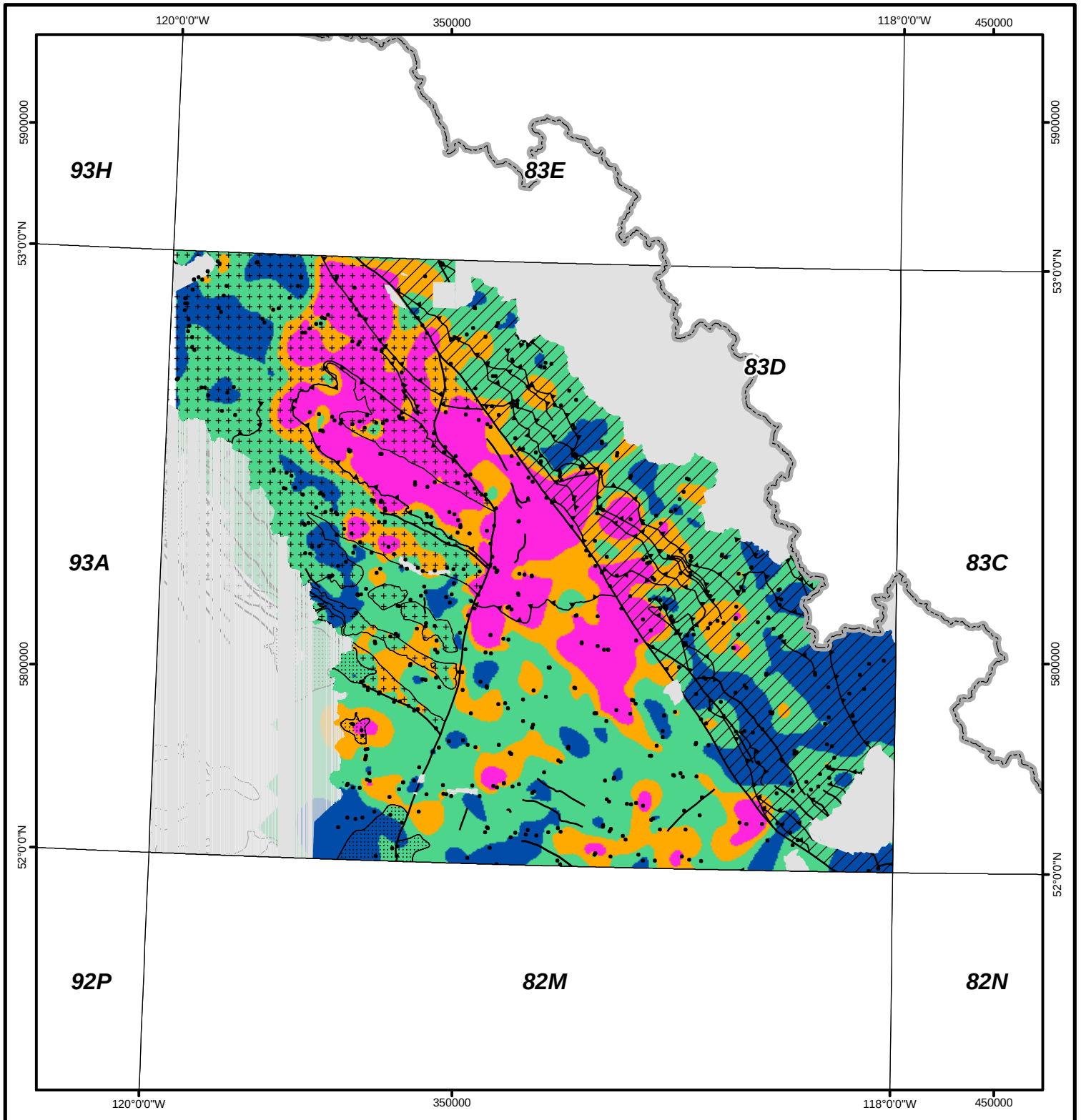
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

INAA: Na (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-65	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ta (ppm)

- > 3.8
- 2.7 - 3.8
- 1.6 - 2.7
- < 1.6

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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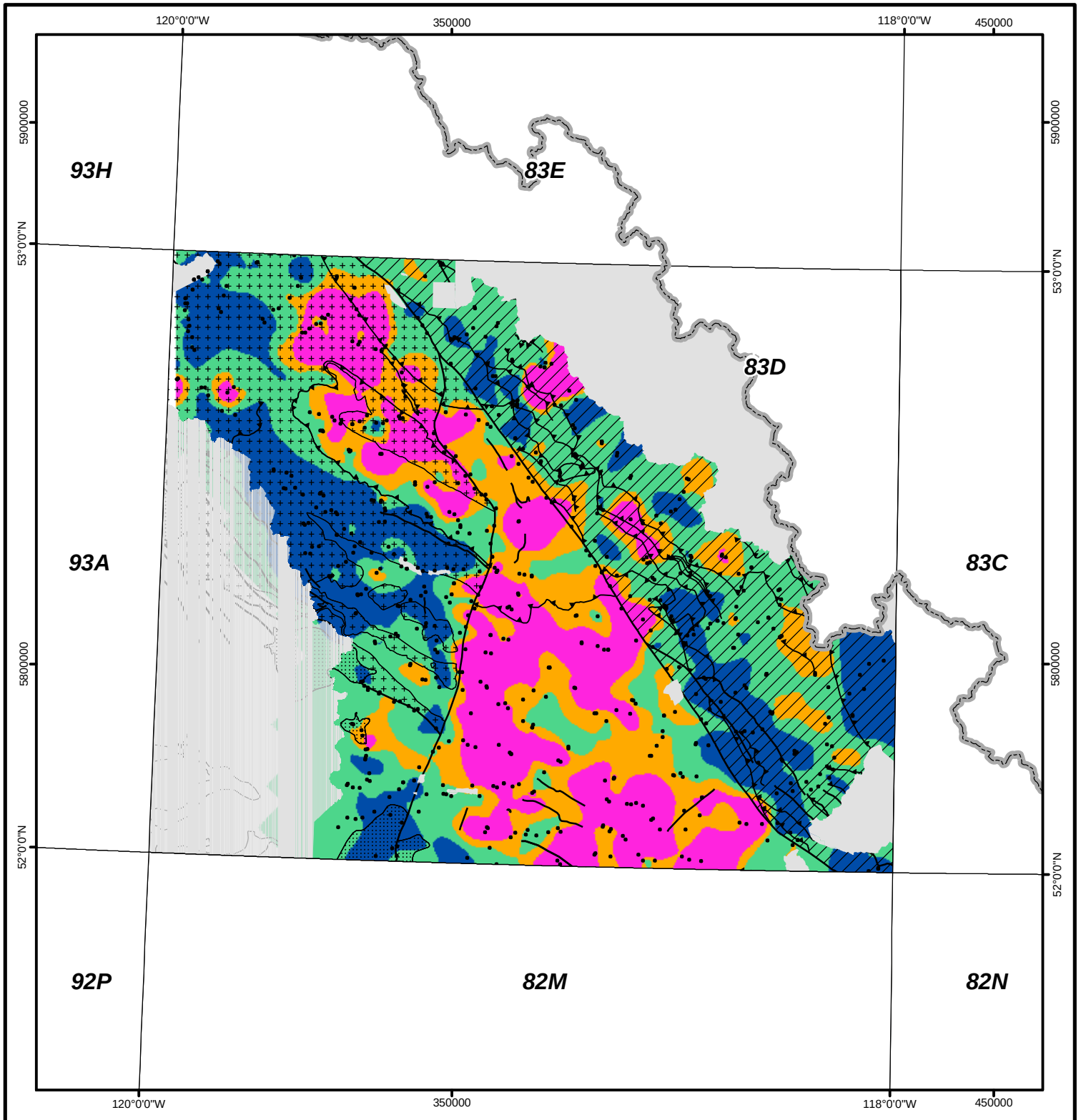
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

INAA: Ta (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-66	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Tb (ppm)

- > 2.9
- 2.1 - 2.9
- 1.3 - 2.1
- < 1.3

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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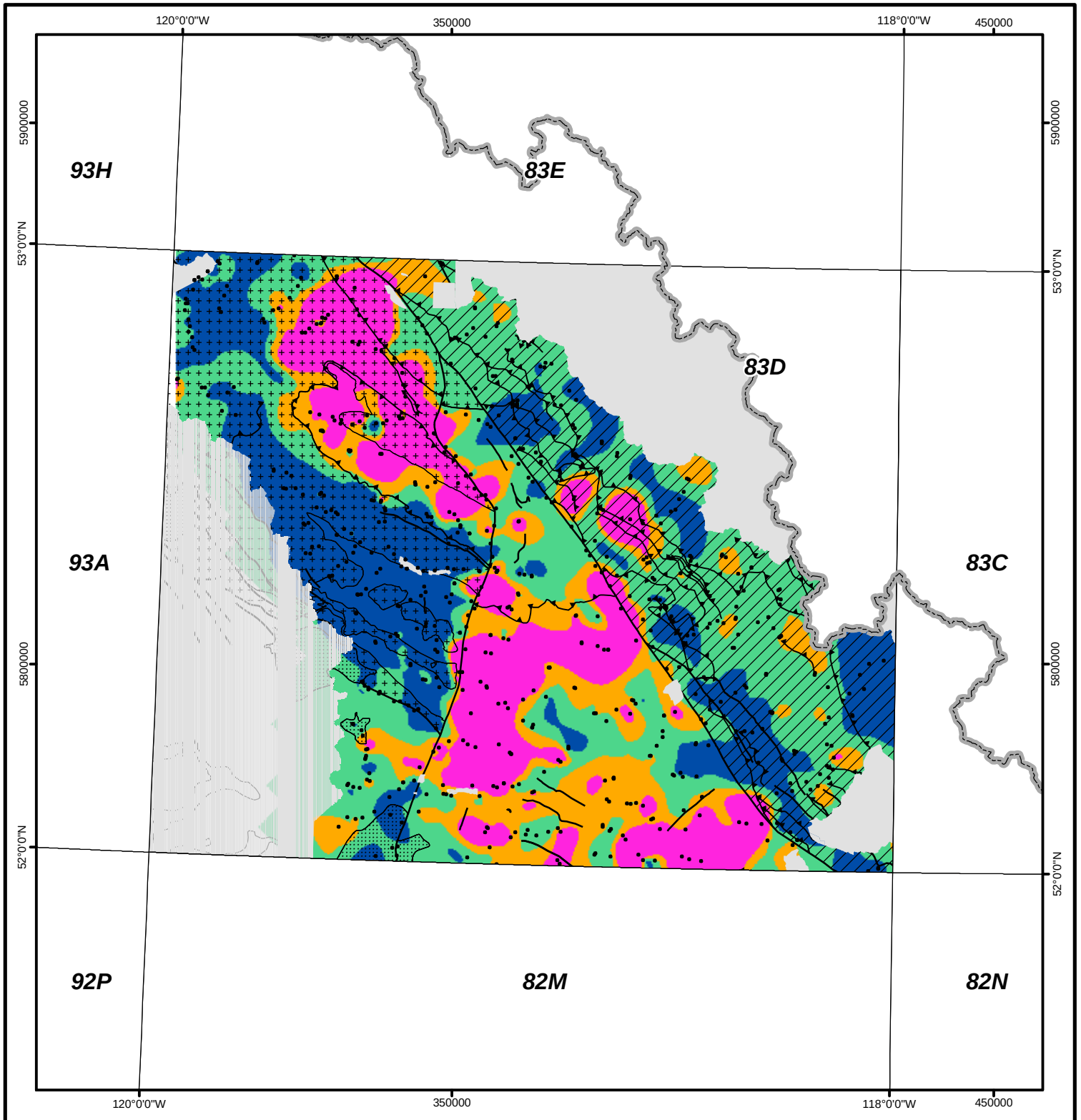
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

INAA: Tb (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-67	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Th (ppm)

- > 45
- 33 - 45
- 21 - 33
- < 21

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
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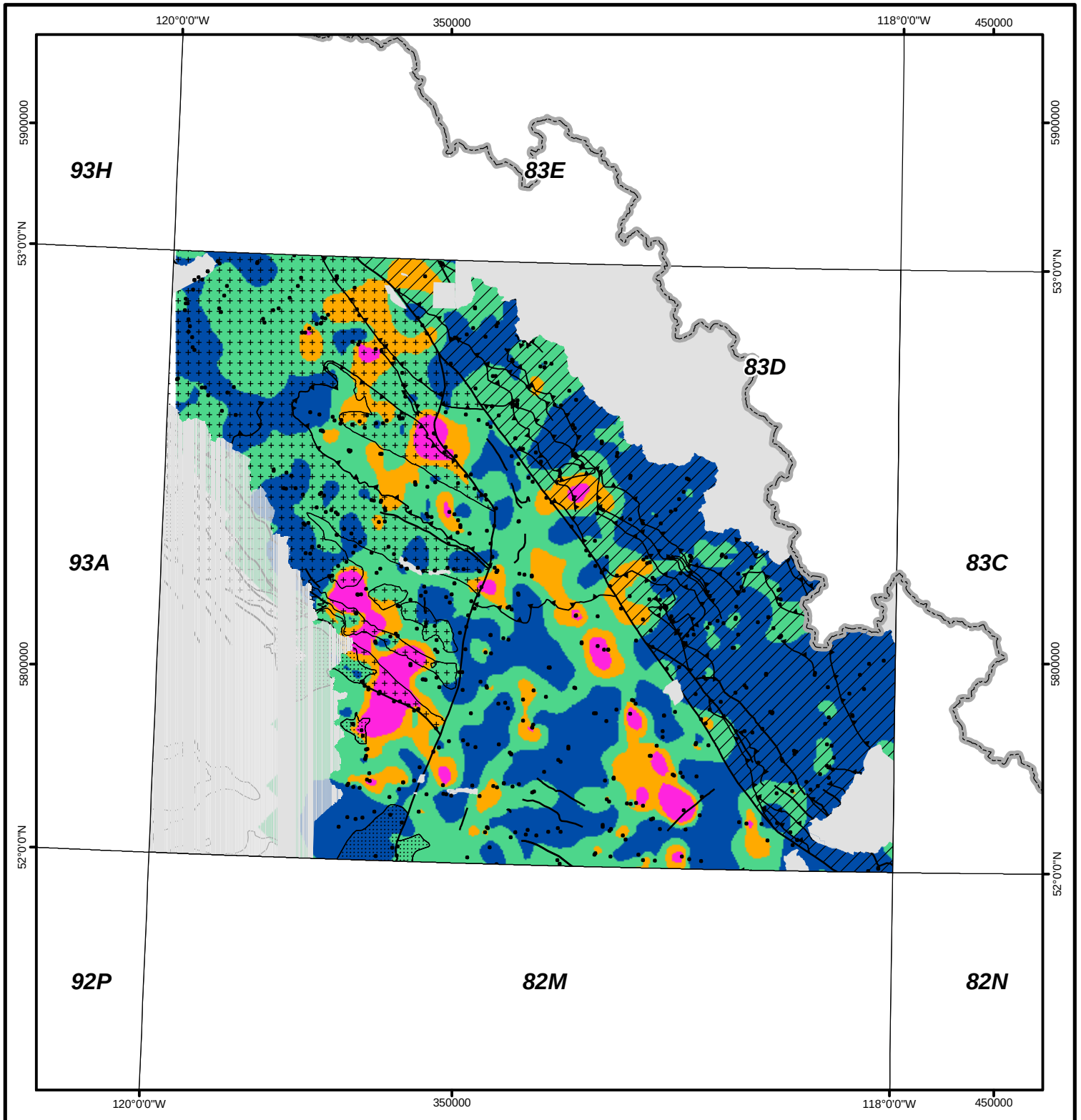
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

INAA: Th (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-68	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

W (ppm)

- > 6
- 4 - 6
- 2 - 4
- < 2

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
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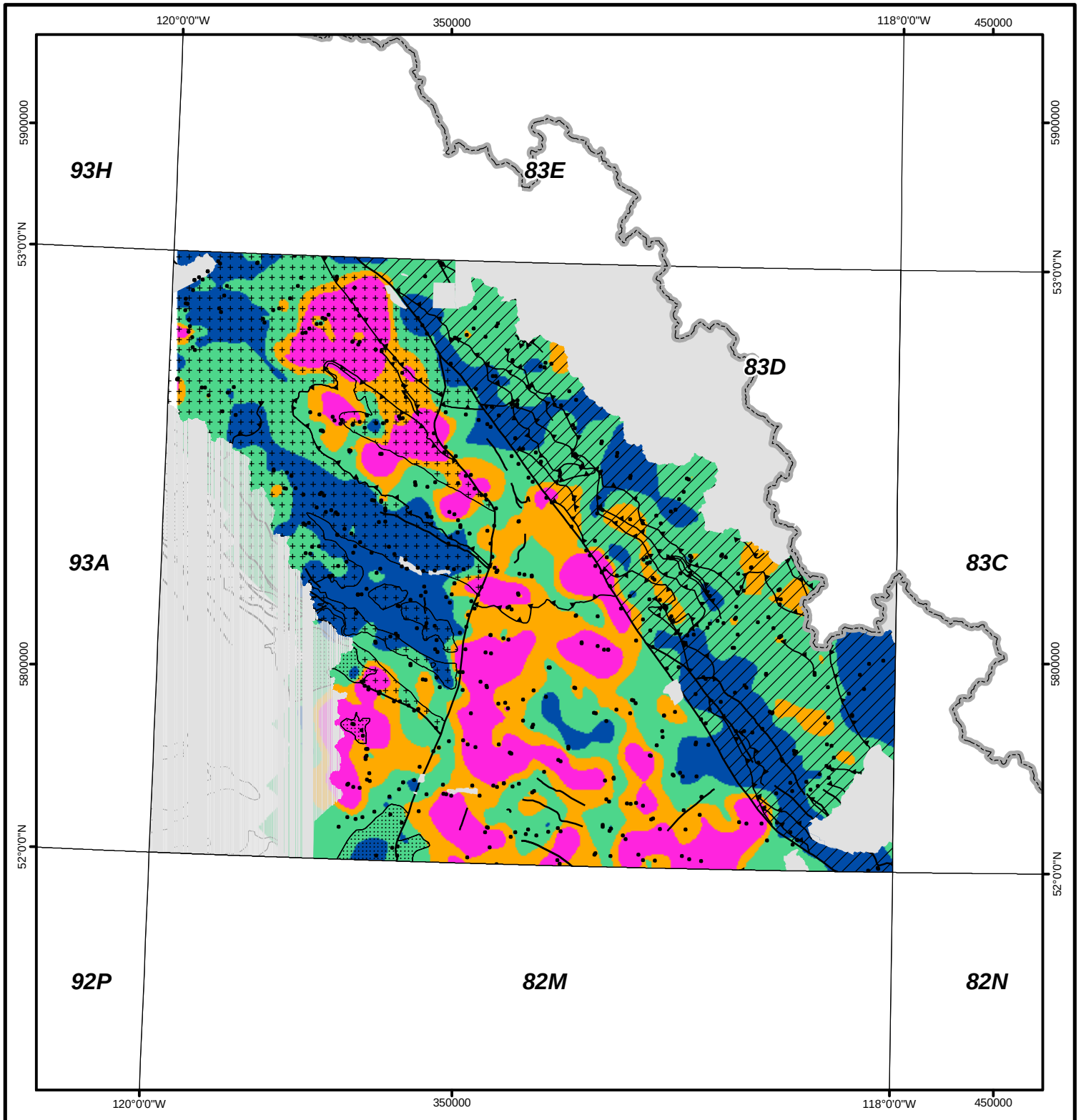
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

INAA: W (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-69	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

U (ppm)

- > 12.9
- 9.3 - 12.9
- 5.7 - 9.3
- < 5.7

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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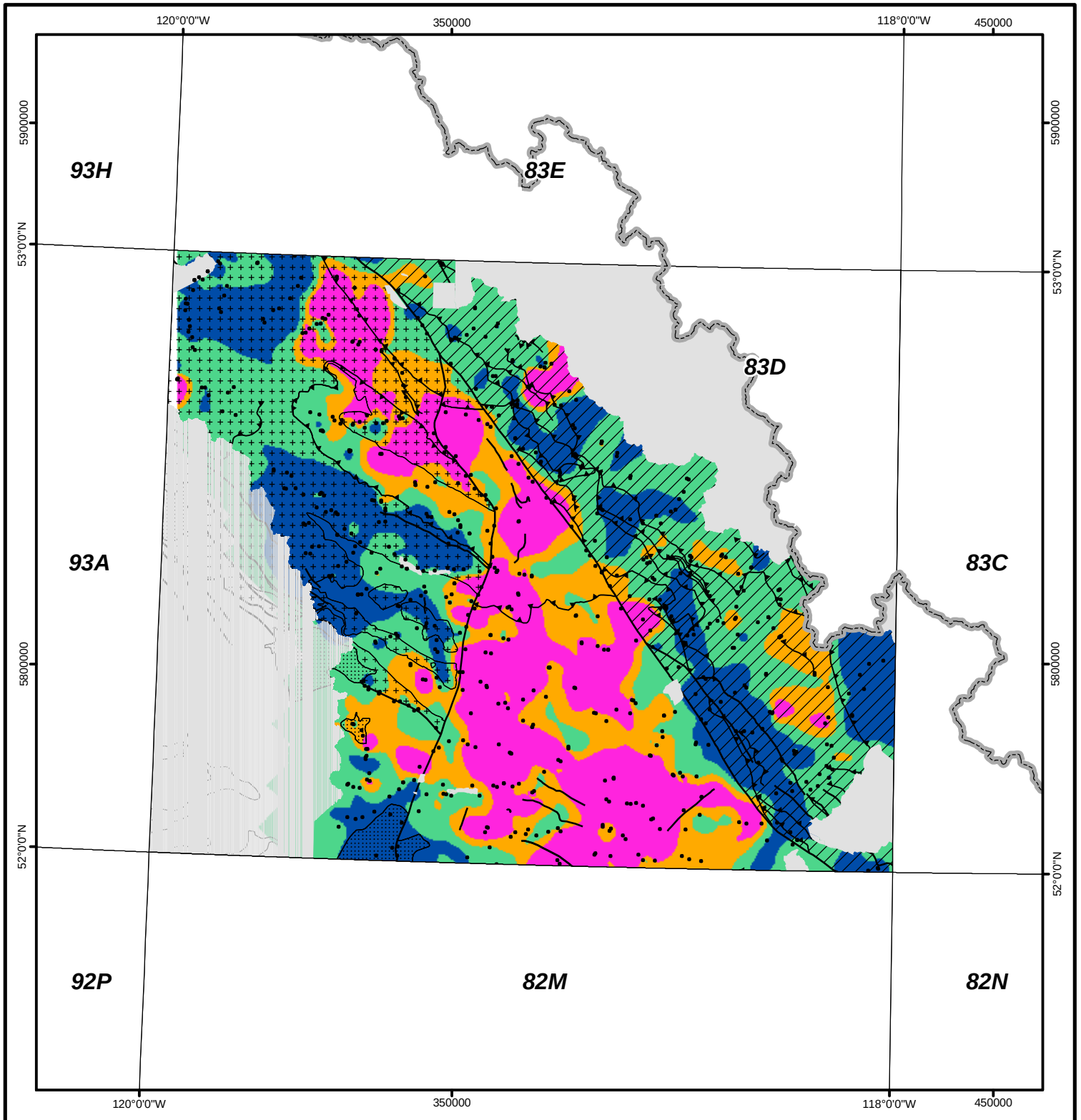
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

INAA: U (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-70	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Yb (ppm)

- > 7.6
- 5.6 - 7.6
- 3.6 - 5.6
- < 3.6

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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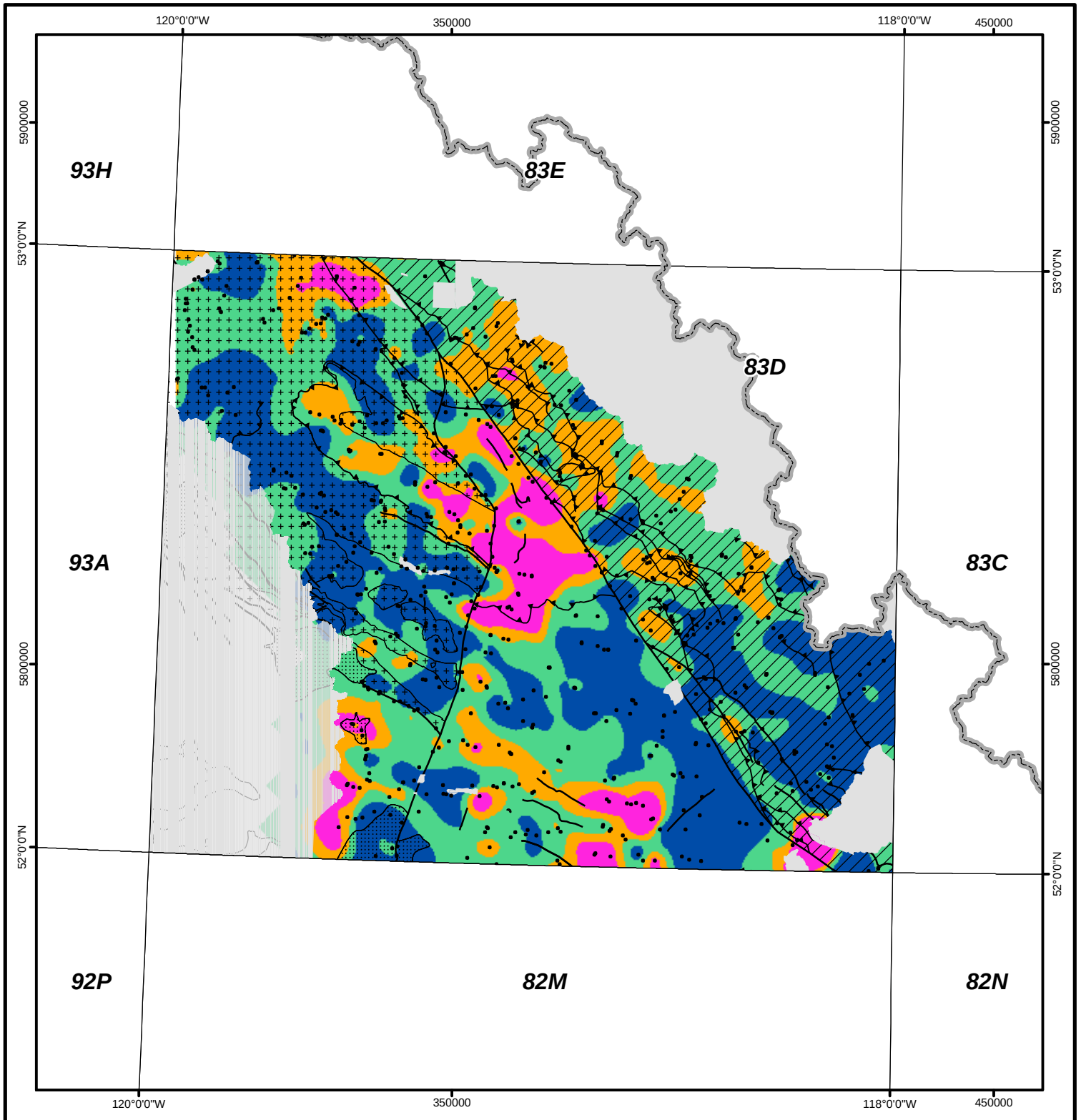
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

INAA: Yb (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-71	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Zn (ppm)

- > 106
- 77 - 106
- 48 - 77
- < 48

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
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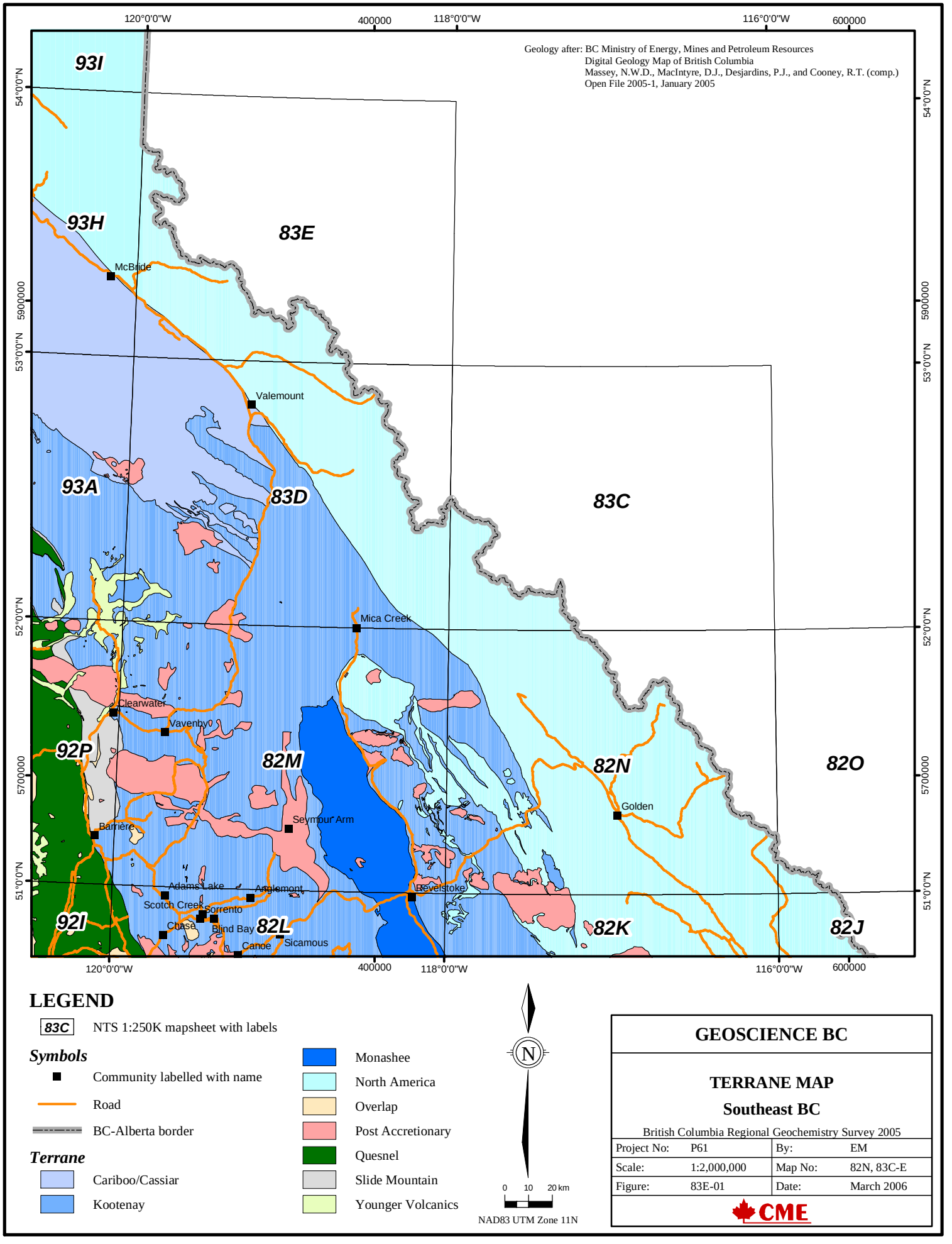
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83D

INAA: Zn (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83D
Figure:	83D-72	Date:	March 2006

CME



LEGEND

83C NTS 1:250K mapsheet with labels

Symbols

- Community labelled with name
- Road
- BC-Alberta border

Terrane

- Cariboo/Cassiar
- Kootenay
- Monashee
- North America
- Overlap
- Post Accretionary
- Quesnel
- Slide Mountain
- Younger Volcanics

N

0 10 20 km

NAD83 UTM Zone 11N

GEOSCIENCE BC

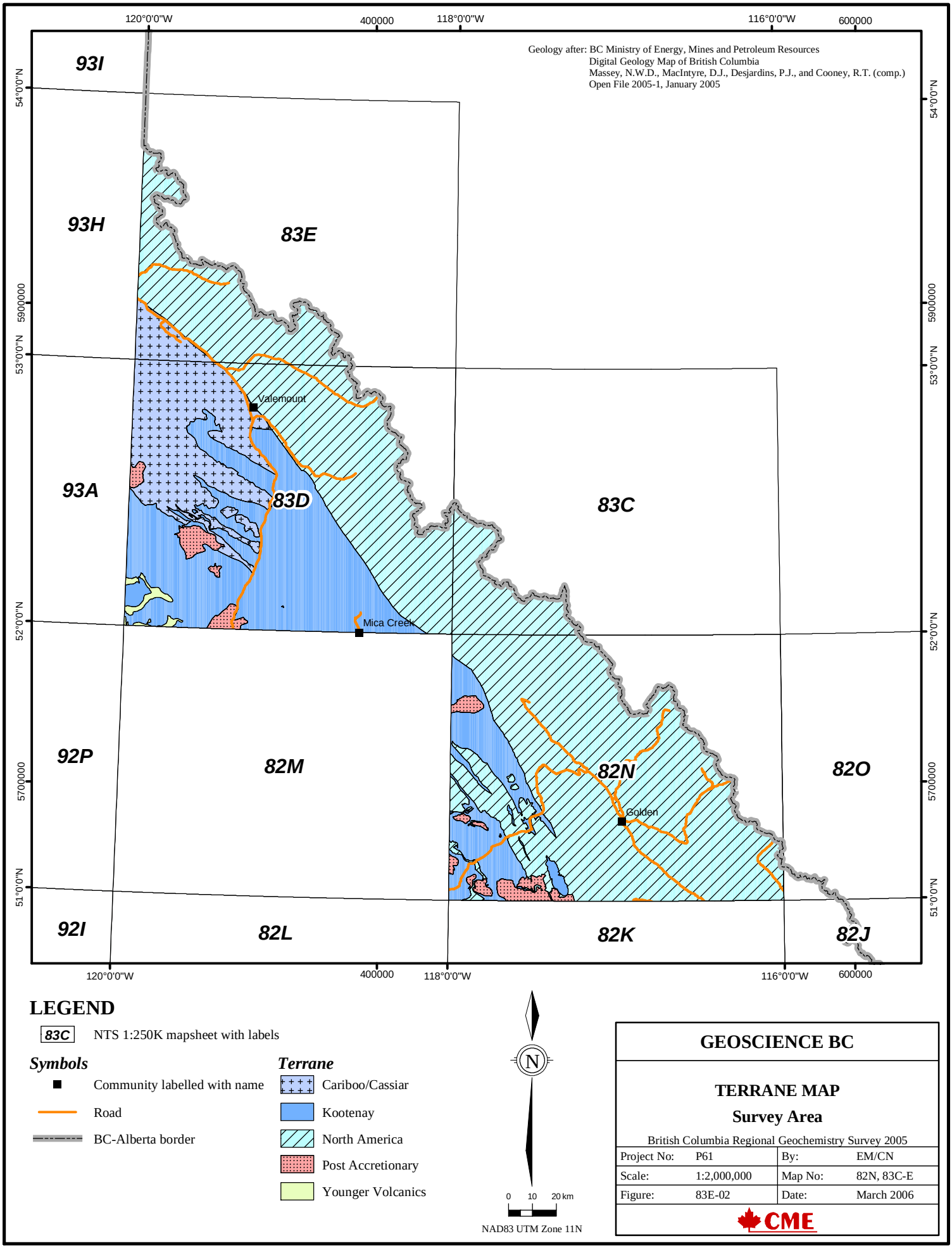
TERRANE MAP

Southeast BC

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM
Scale:	1:2,000,000	Map No:	82N, 83C-E
Figure:	83E-01	Date:	March 2006

CME



LEGEND

83C NTS 1:250K mapsheet with labels

Symbols

- Community labelled with name
- Road
- BC-Alberta border

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary
- Younger Volcanics

N

0 10 20 km

NAD83 UTM Zone 11N

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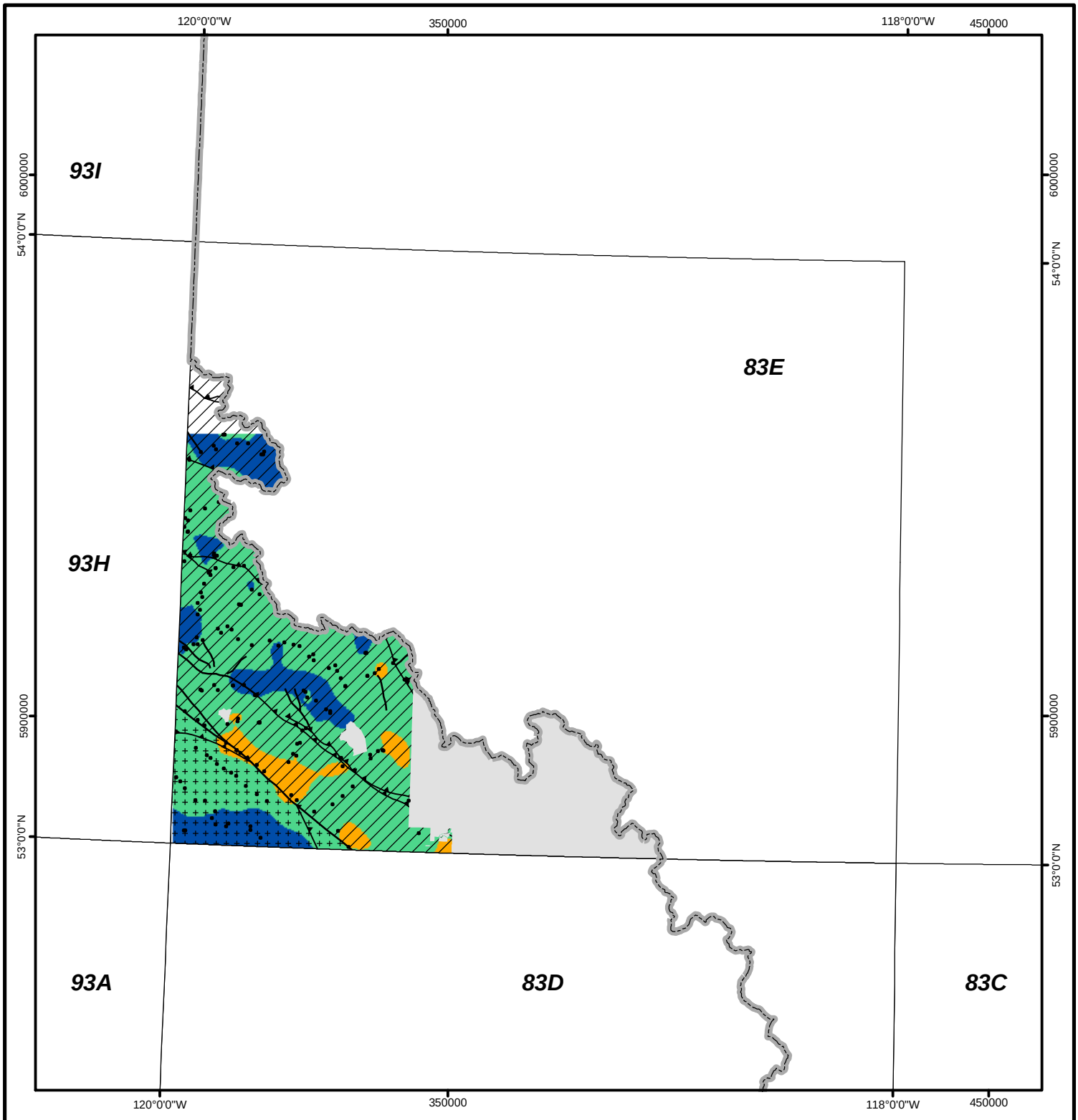
TERRANE MAP

Survey Area

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:2,000,000	Map No:	82N, 83C-E
Figure:	83E-02	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

pH

- > 8.81
- 8.13 - 8.81
- 7.45 - 8.13
- < 7.45

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
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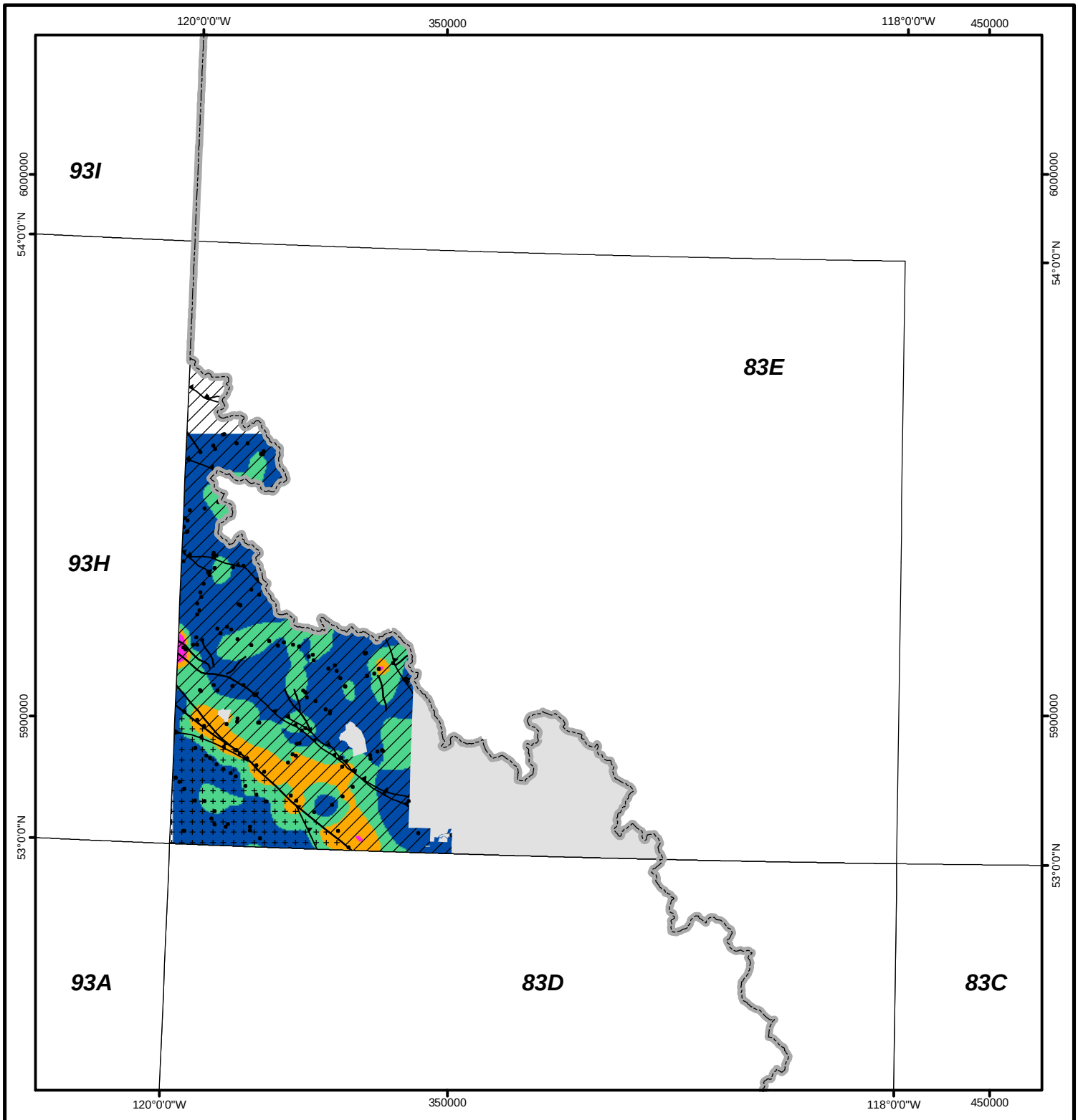
WATER GEOCHEMICAL PLAN MAP
Mapsheet 83E

pH

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-03	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

µS

- > 391.30
- 274.78 - 391.30
- 158.26 - 274.78
- < 158.26

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
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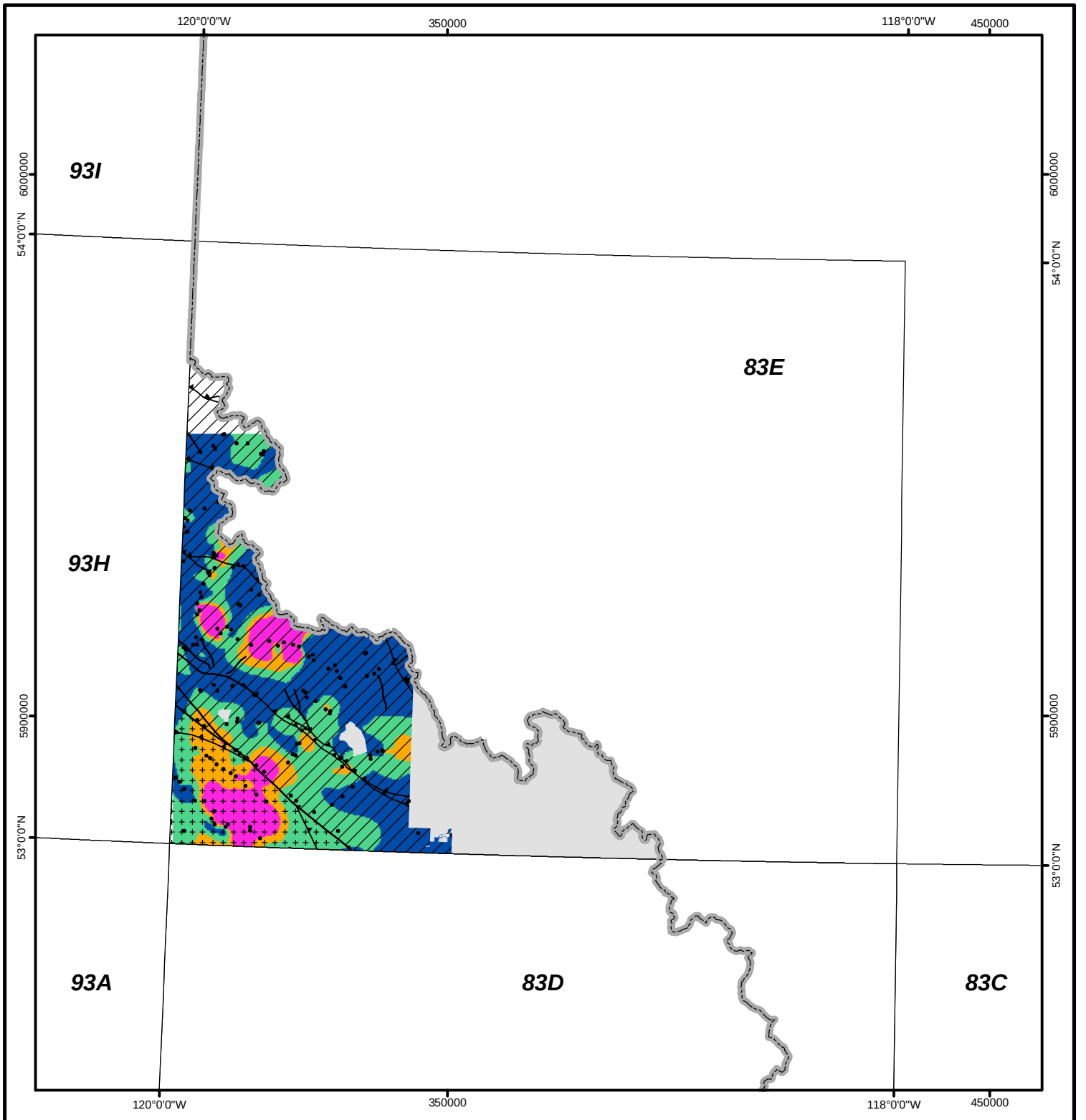
WATER GEOCHEMICAL PLAN MAP
Mapsheet 83E
Conductivity (µS)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-04	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

F (mg/L)

- > 0.10
- 0.07 - 0.10
- 0.04 - 0.07
- < 0.04

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
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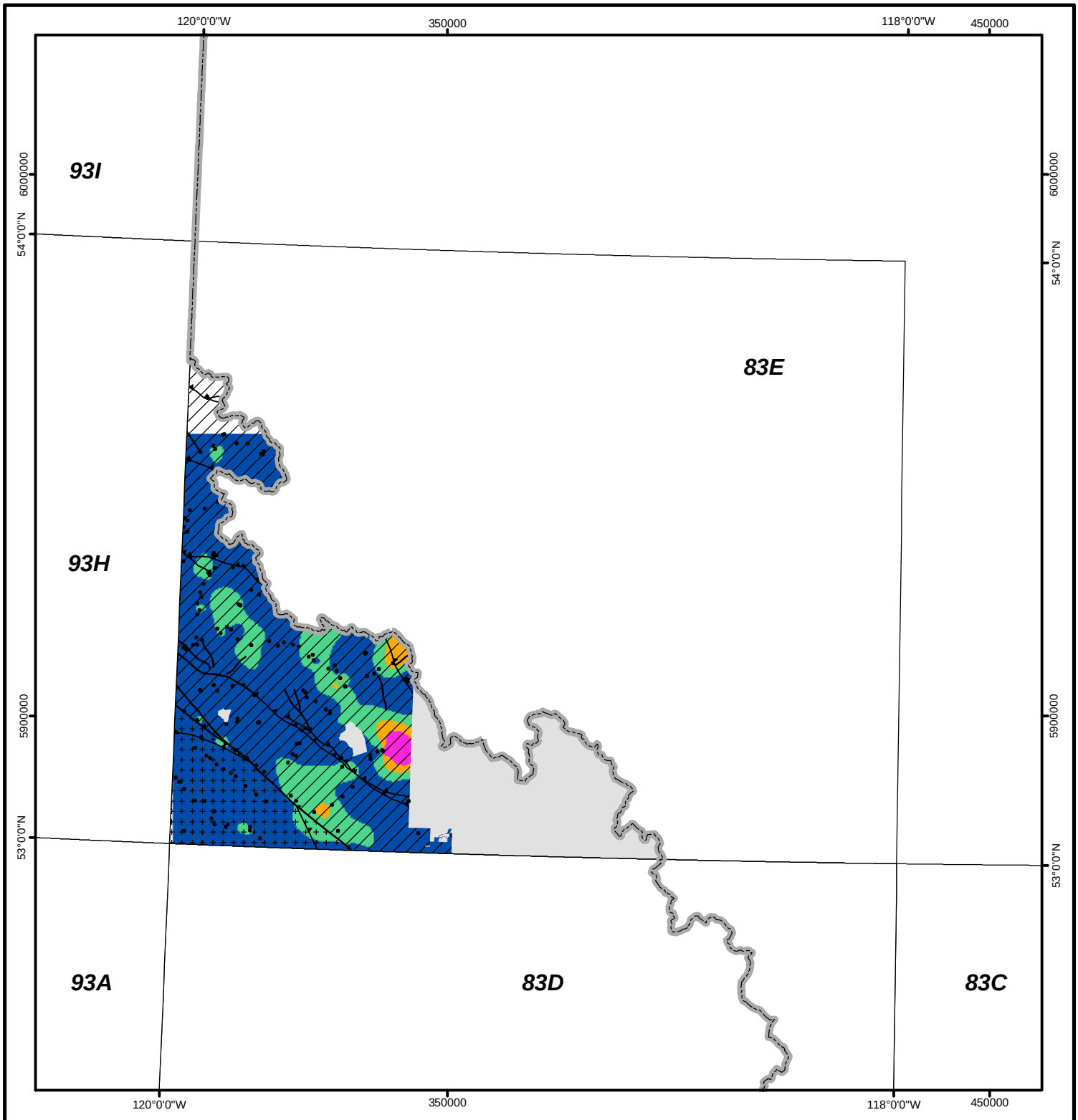
WATER GEOCHEMICAL PLAN MAP
Mapsheet 83E

F (mg/L)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-05	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

LOI (%)

- > 20.2
- 14.1 - 20.2
- 8.0 - 14.1
- < 8.0

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
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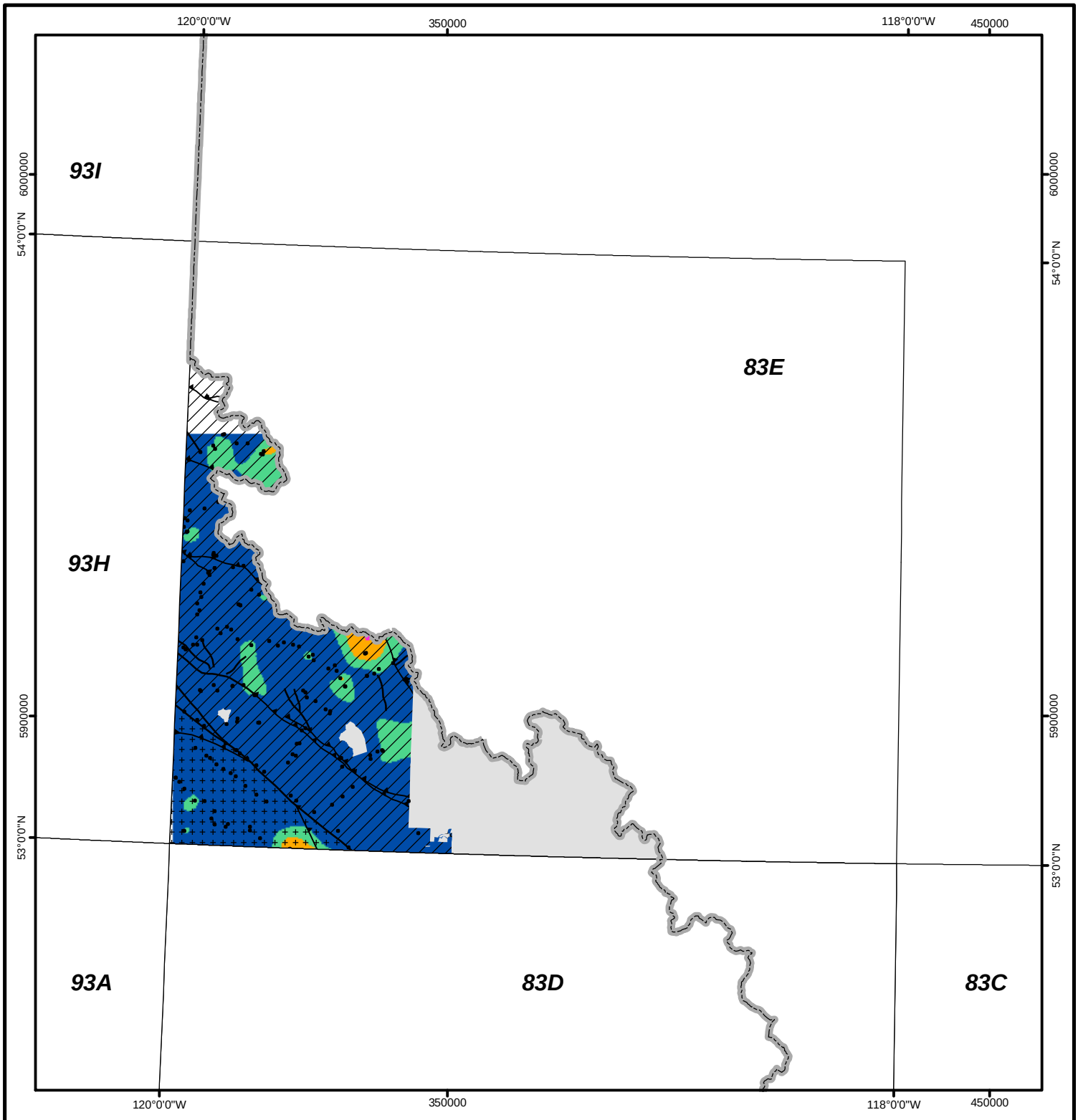
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

Loss on Ignition (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-06	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

F (ppm)

- > 789
- 637 - 789
- 485 - 637
- < 485

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
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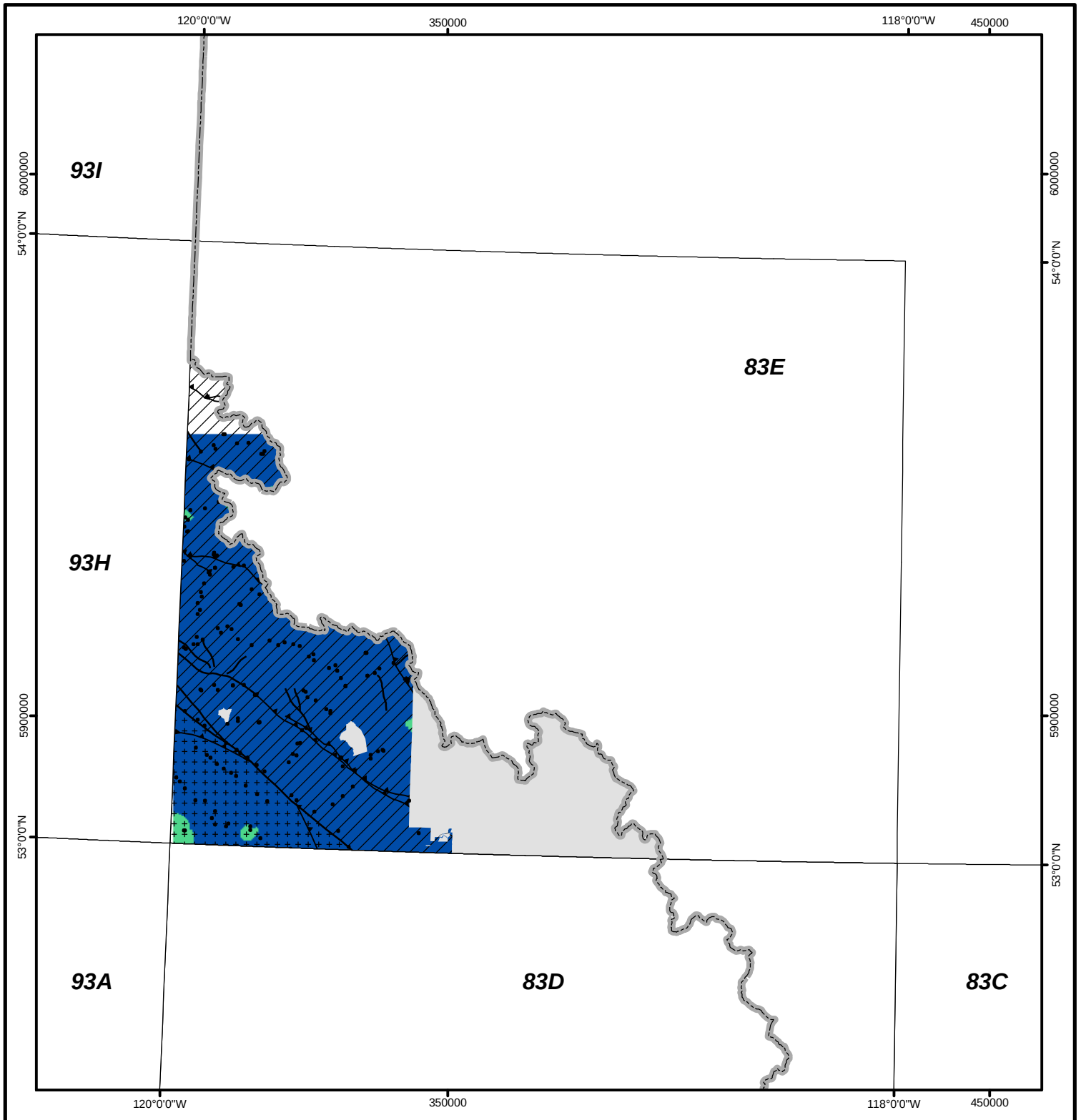
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

F (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-07	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Mo (ppm)

- > 1.68
- 1.14 - 1.68
- 0.60 - 1.14
- < 0.60

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
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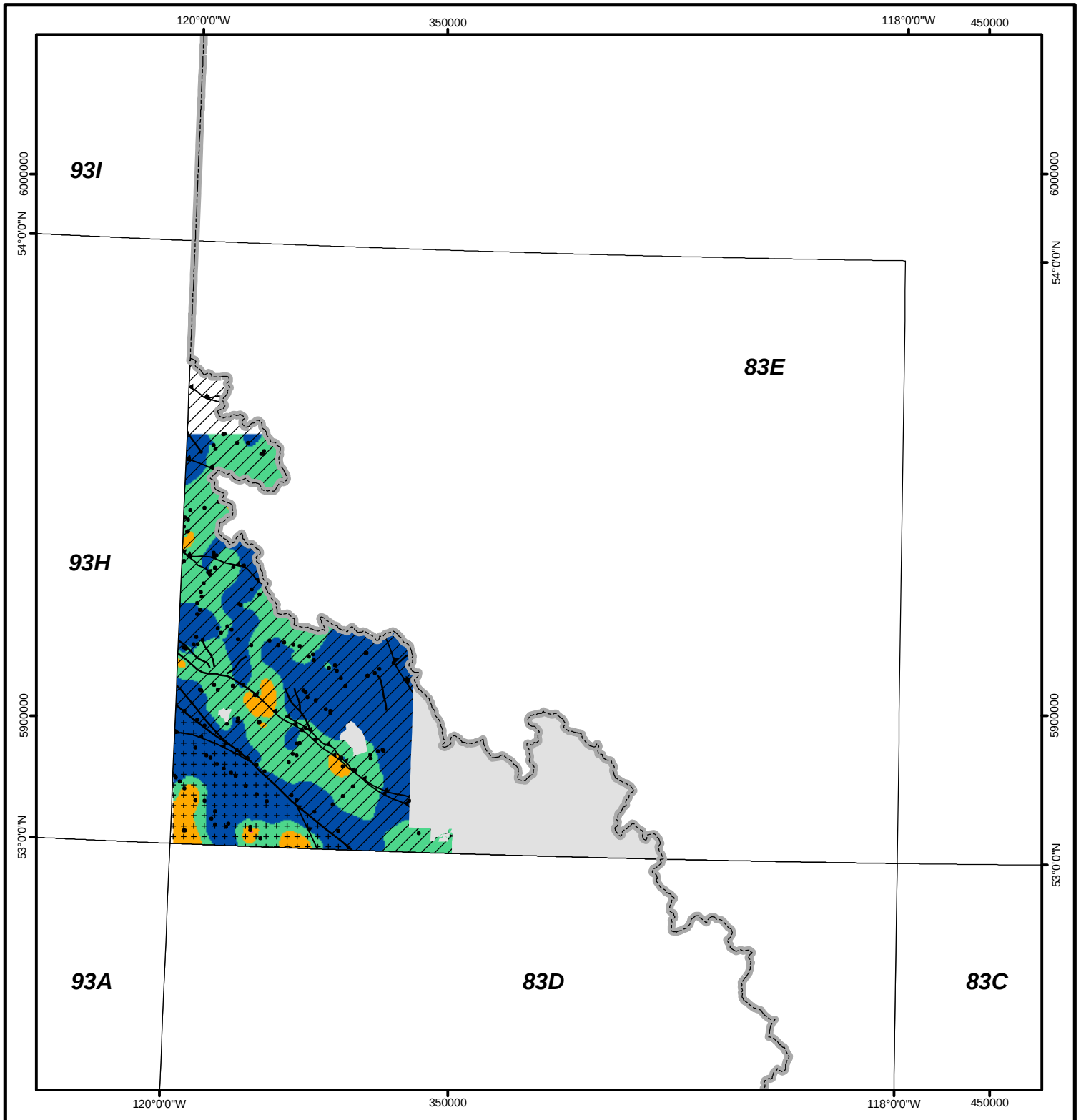
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

ICPMS: Mo (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-08	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Cu (ppm)

- > 52.69
- 39.32 - 52.69
- 25.95 - 39.32
- < 25.95

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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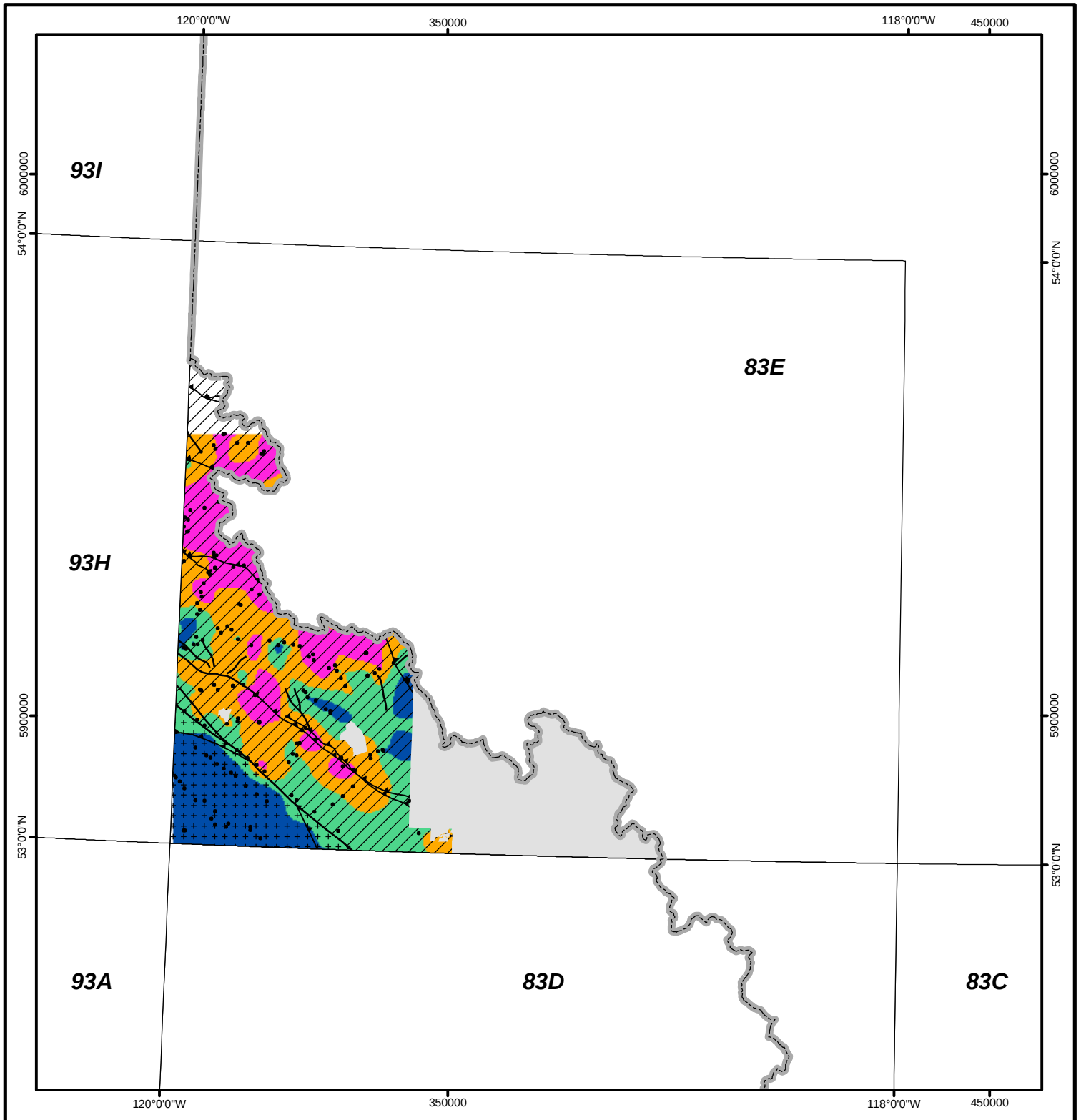
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

ICPMS: Cu (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-09	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Pb (ppm)

- > 22.88
- 16.59 - 22.88
- 10.30 - 16.59
- < 10.30

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
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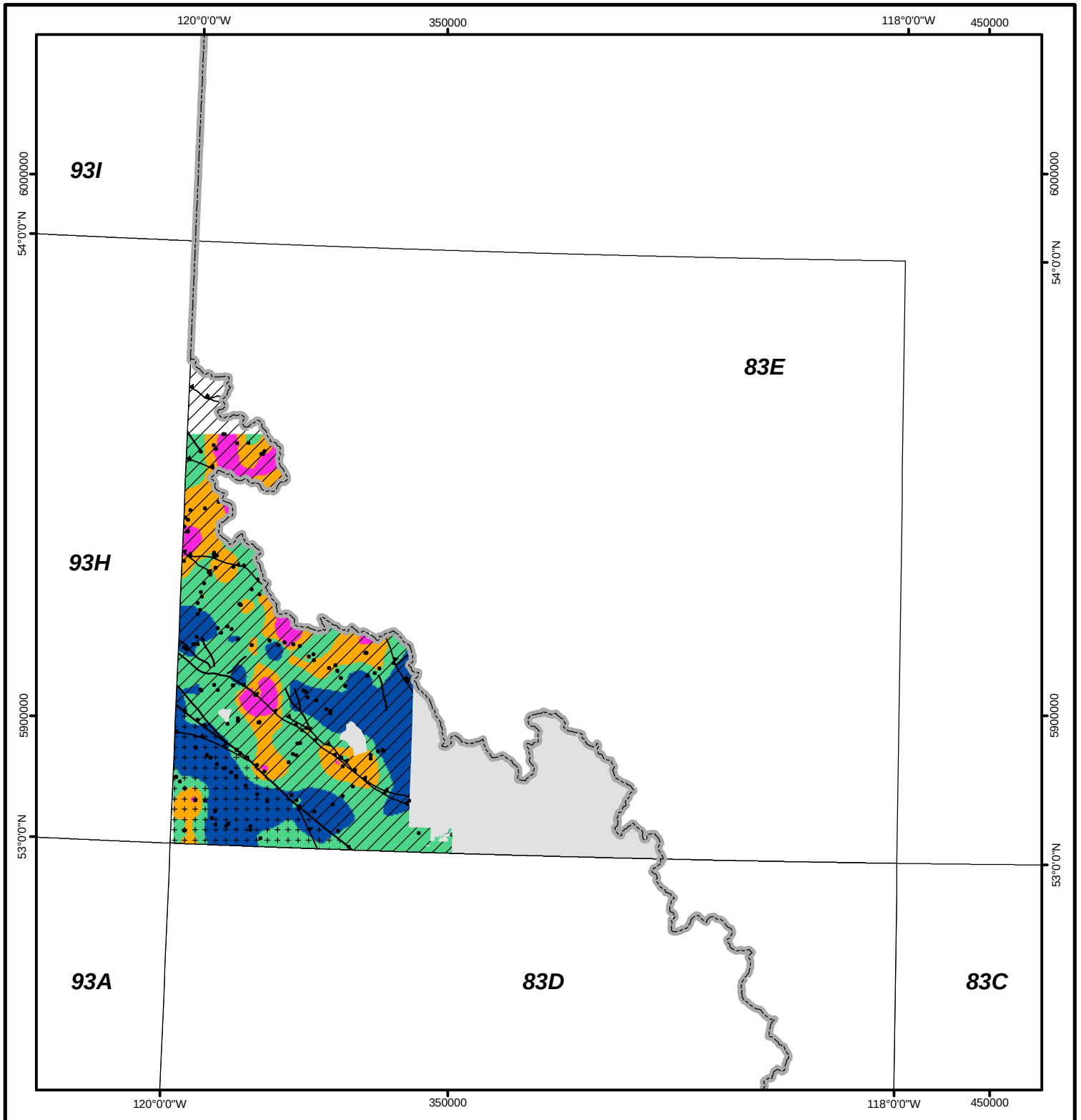
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

ICPMS: Pb (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-10	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Zn (ppm)

- > 102.0
- 78.5 - 102.0
- 55.0 - 78.5
- < 55.0

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
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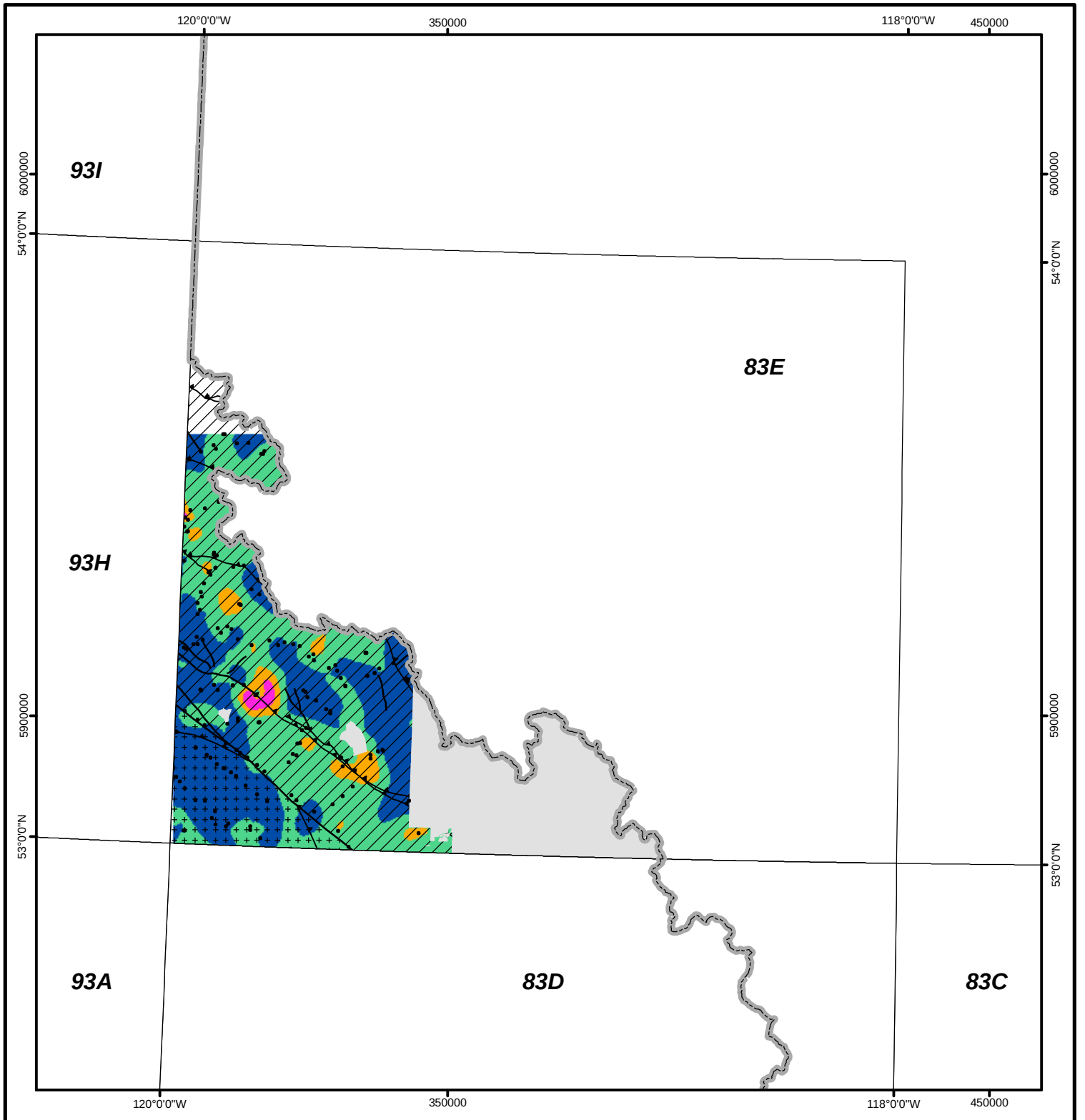
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

ICPMS: Zn (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-11	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ag (ppb)

- > 98
- 70 - 98
- 42 - 70
- < 42

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
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GEOSCIENCE BC

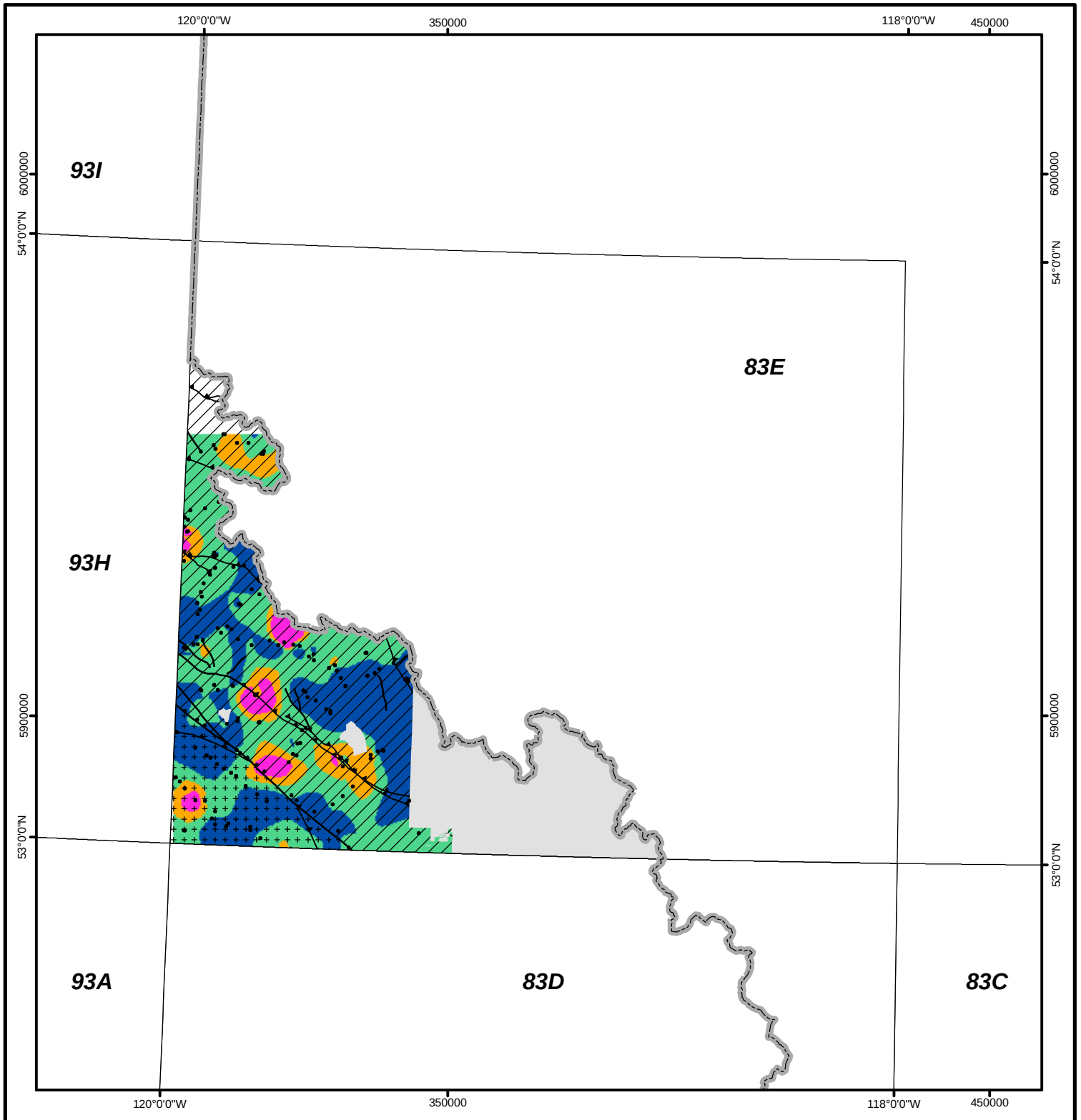
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

ICPMS: Ag (ppb)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-12	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ni (ppm)

- > 52
- 40 - 52
- 28 - 40
- < 28

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

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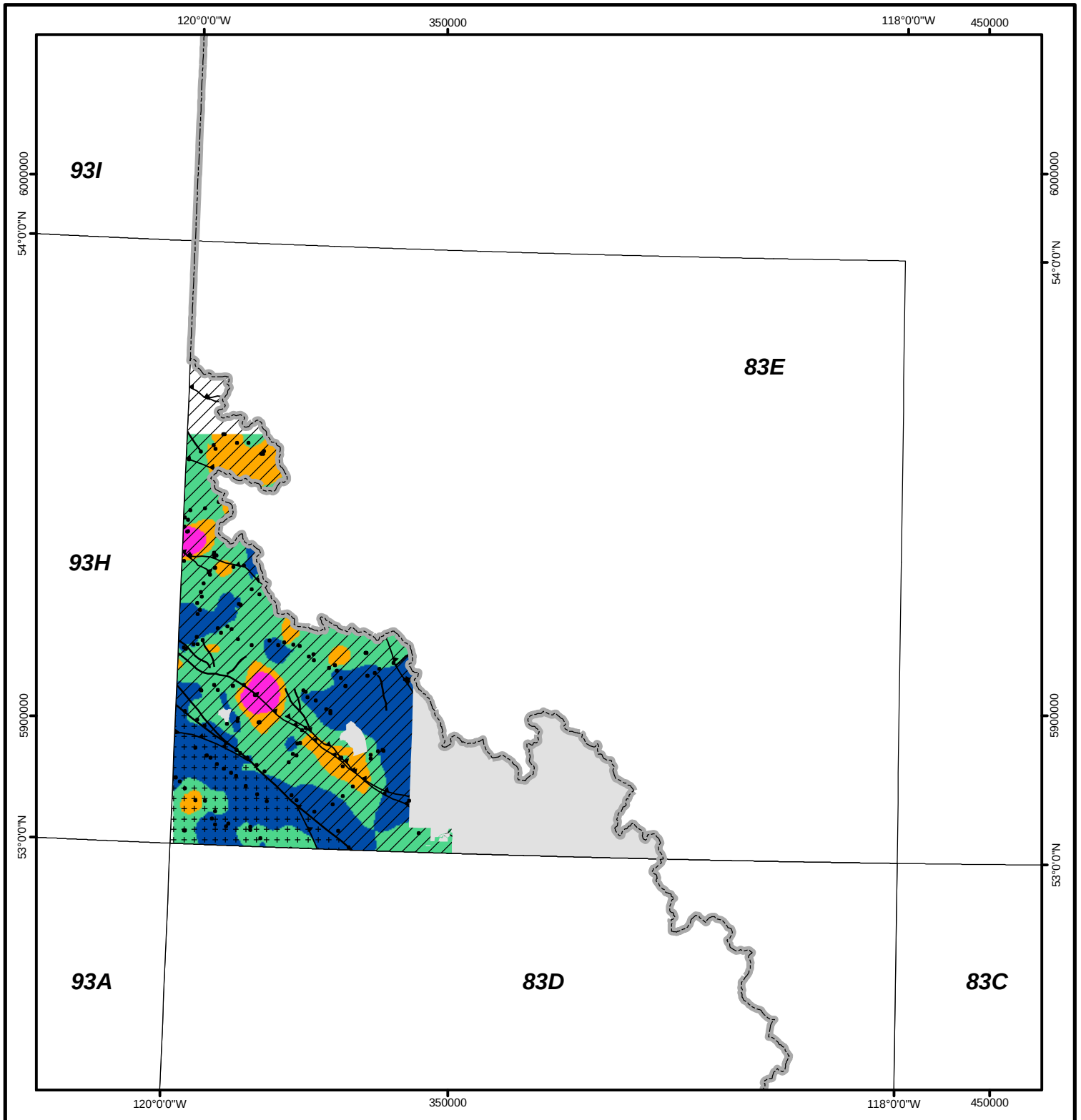
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

ICPMS: Ni (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-13	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Co (ppm)

- > 22.7
- 17.7 - 22.7
- 12.7 - 17.7
- < 12.7

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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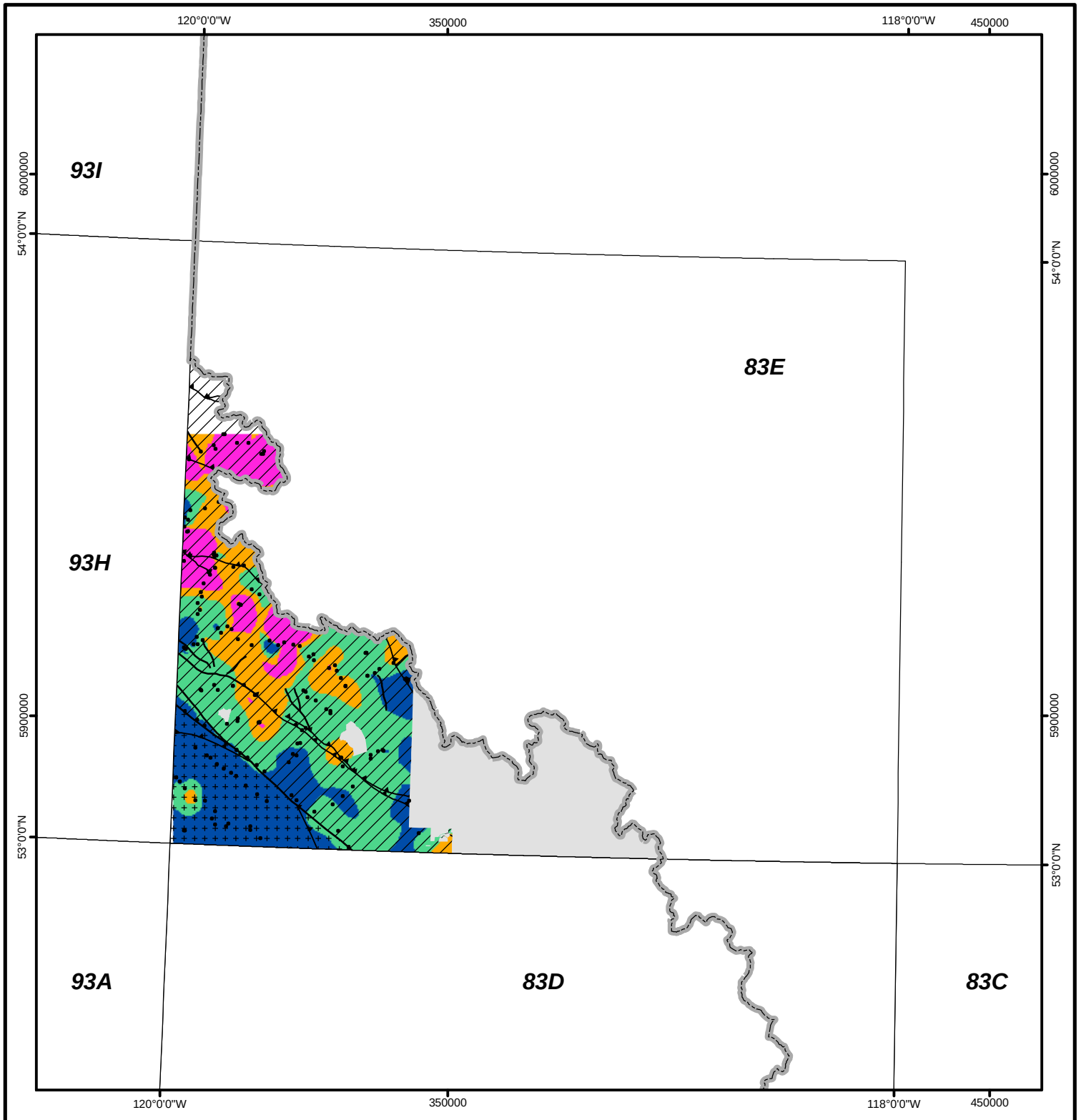
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

ICPMS: Co (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-14	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Mn (ppm)

- > 763
- 585 - 763
- 407 - 585
- < 407

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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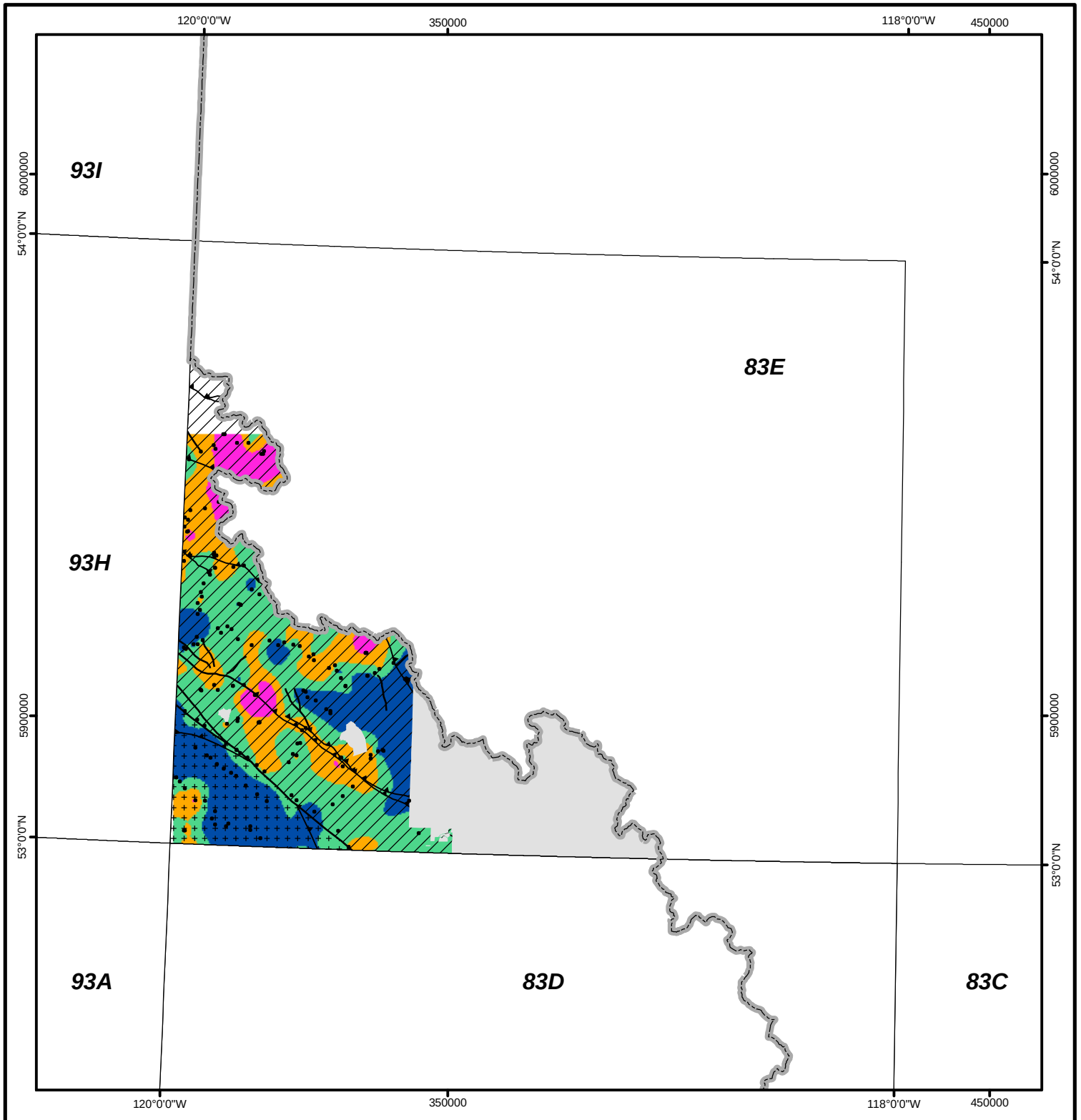
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

ICPMS: Mn (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-15	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Fe (%)

- > 4.14
- 3.30 - 4.14
- 2.46 - 3.30
- < 2.46

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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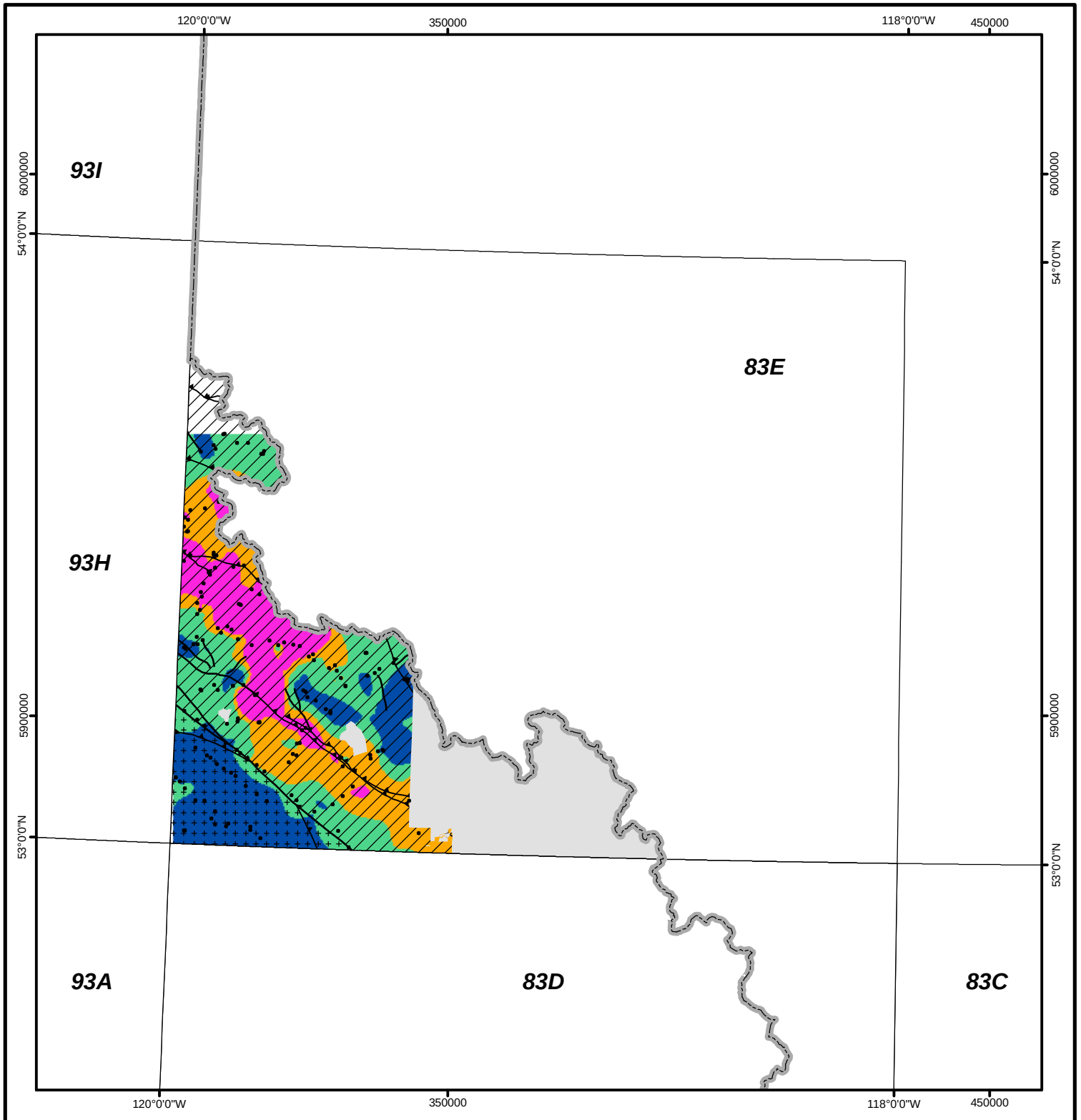
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

ICPMS: Fe (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-16	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

As (ppm)

- > 12.9
- 8.4 - 12.9
- 3.9 - 8.4
- < 3.9

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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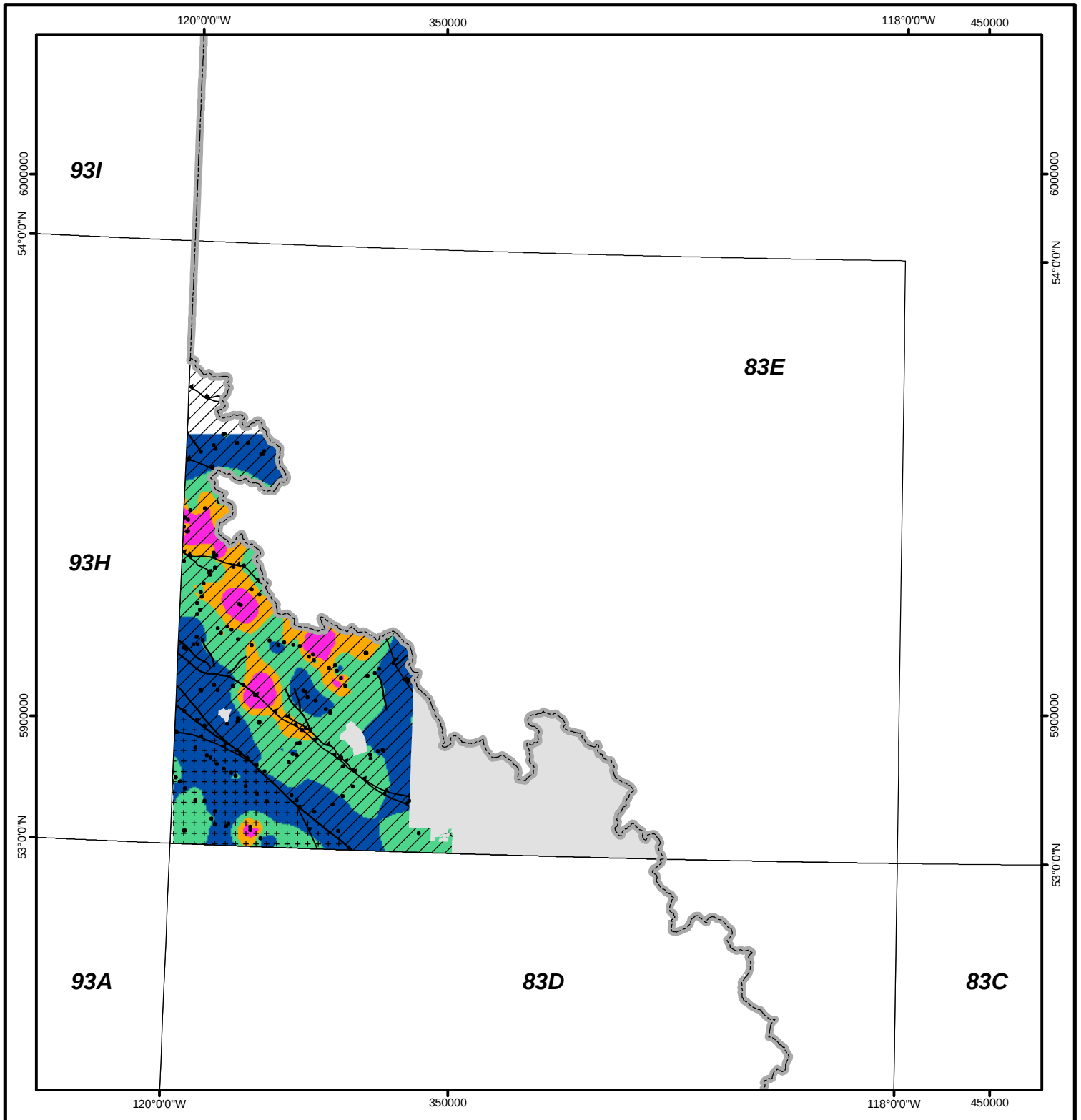
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

ICPMS: As (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-17	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

U (ppm)

- > 5.7
- 3.9 - 5.7
- 2.1 - 3.9
- < 2.1

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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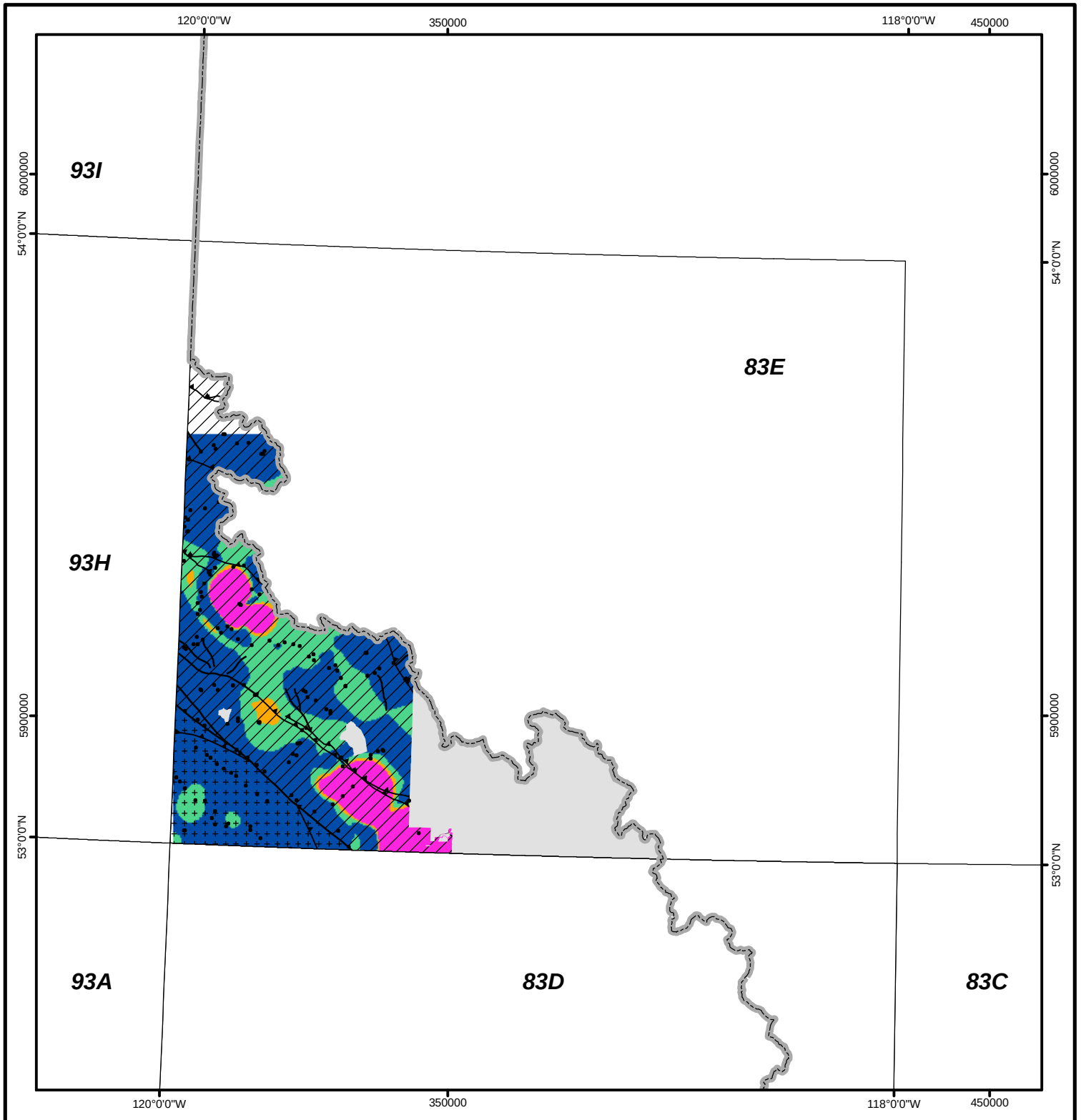
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

ICPMS: U (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-18	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Au (ppb)

- > 8.4
- 4.9 - 8.4
- 1.4 - 4.9
- < 1.4

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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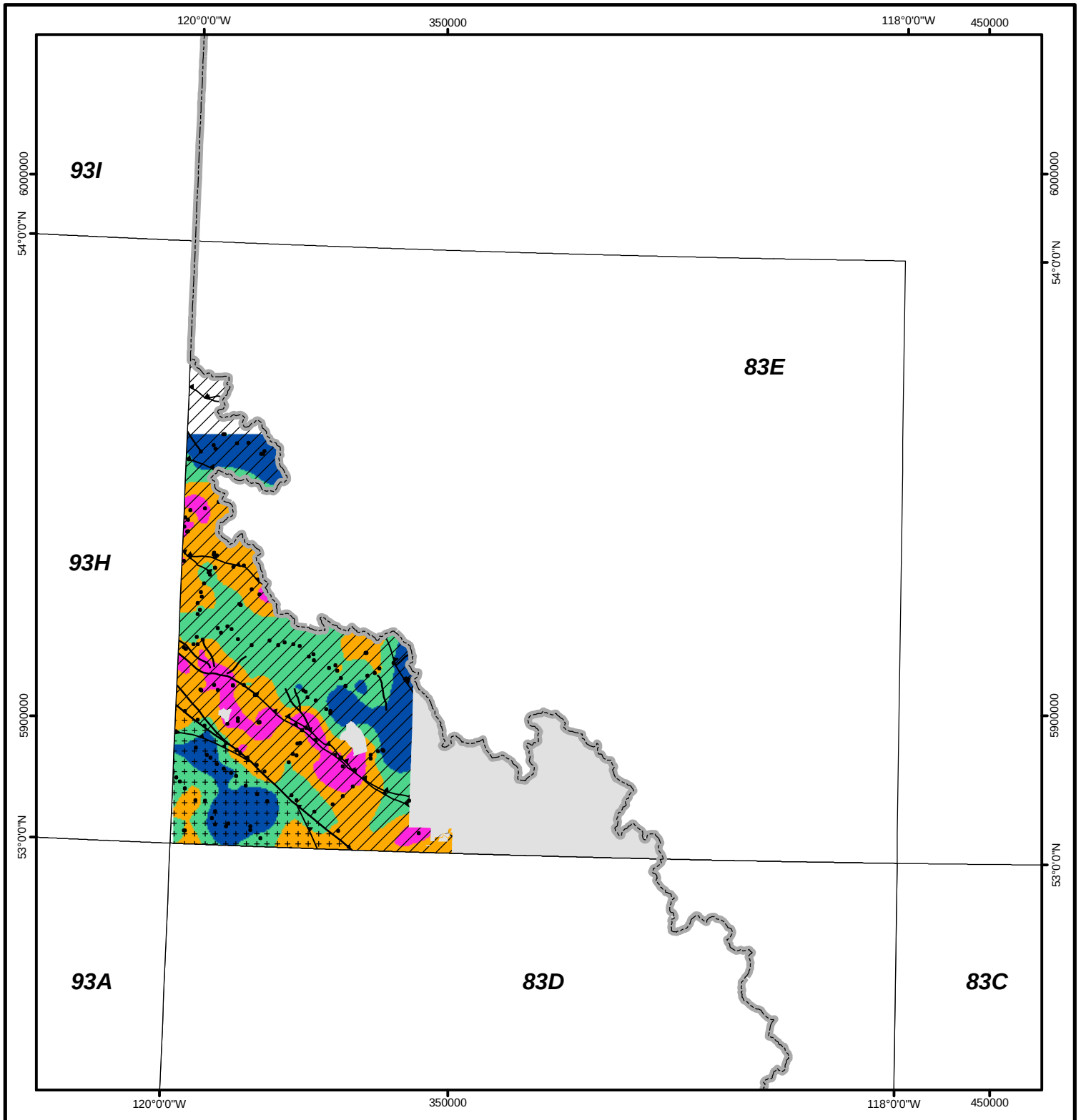
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

ICPMS: Au (ppb)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-19	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Th (ppm)

- > 15.8
- 11.7 - 15.8
- 7.6 - 11.7
- < 7.6

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
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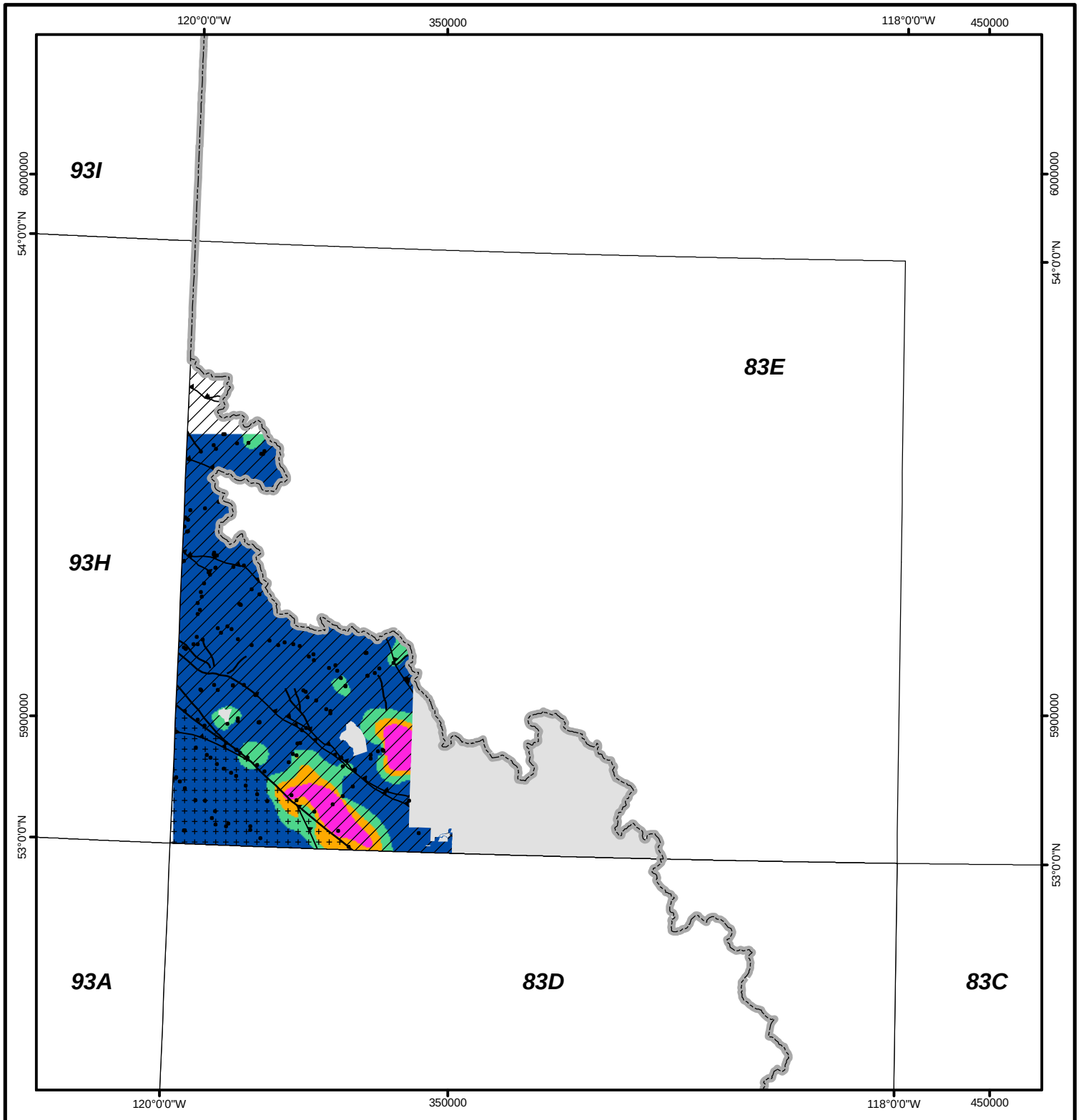
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

ICPMS: Th (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-20	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Sr (ppm)

- > 199.5
- 127.4 - 199.5
- 55.3 - 127.4
- < 55.3

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
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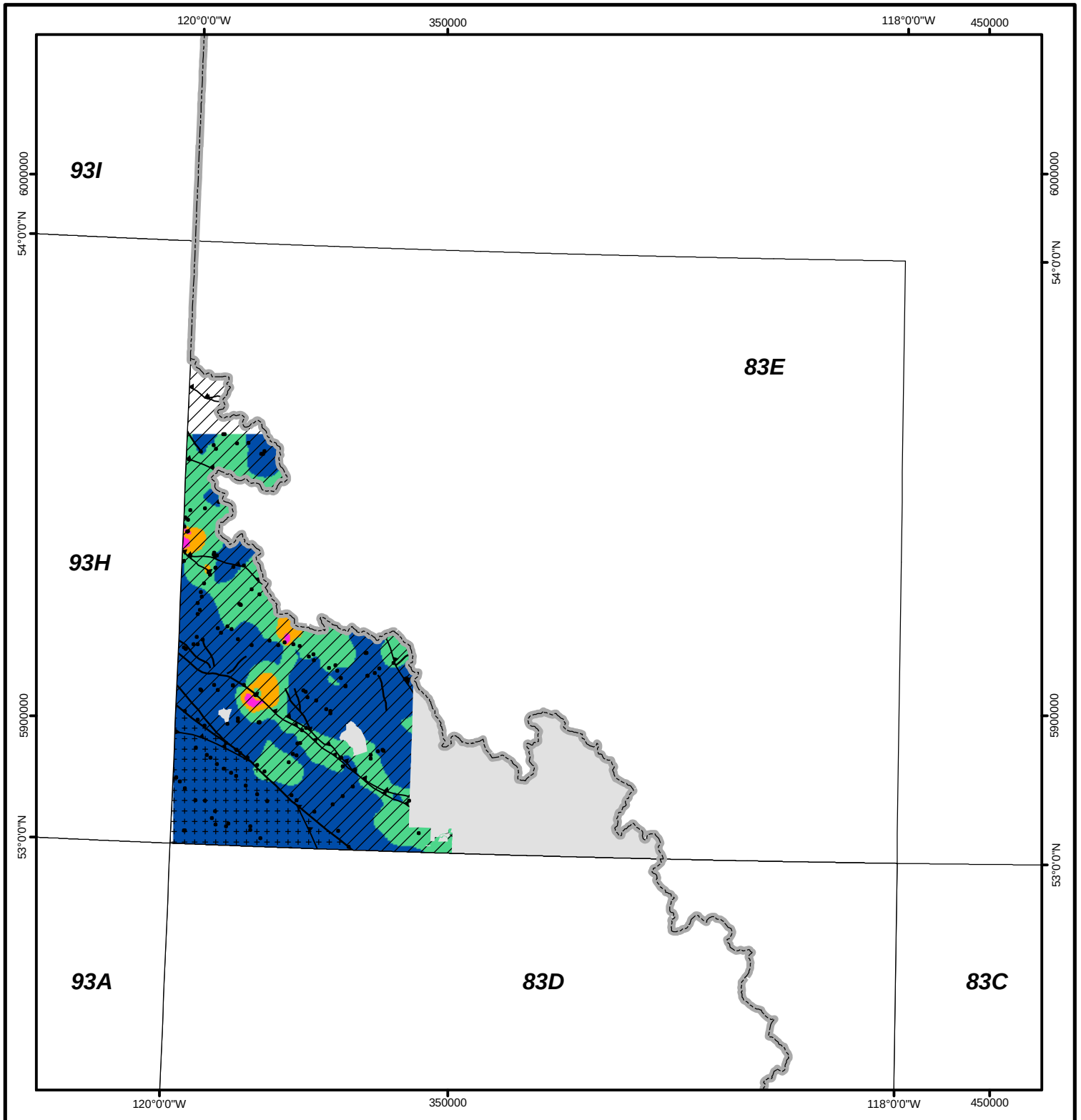
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

ICPMS: Sr (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-21	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Cd (ppm)

- > 0.24
- 0.16 - 0.24
- 0.08 - 0.16
- < 0.08

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
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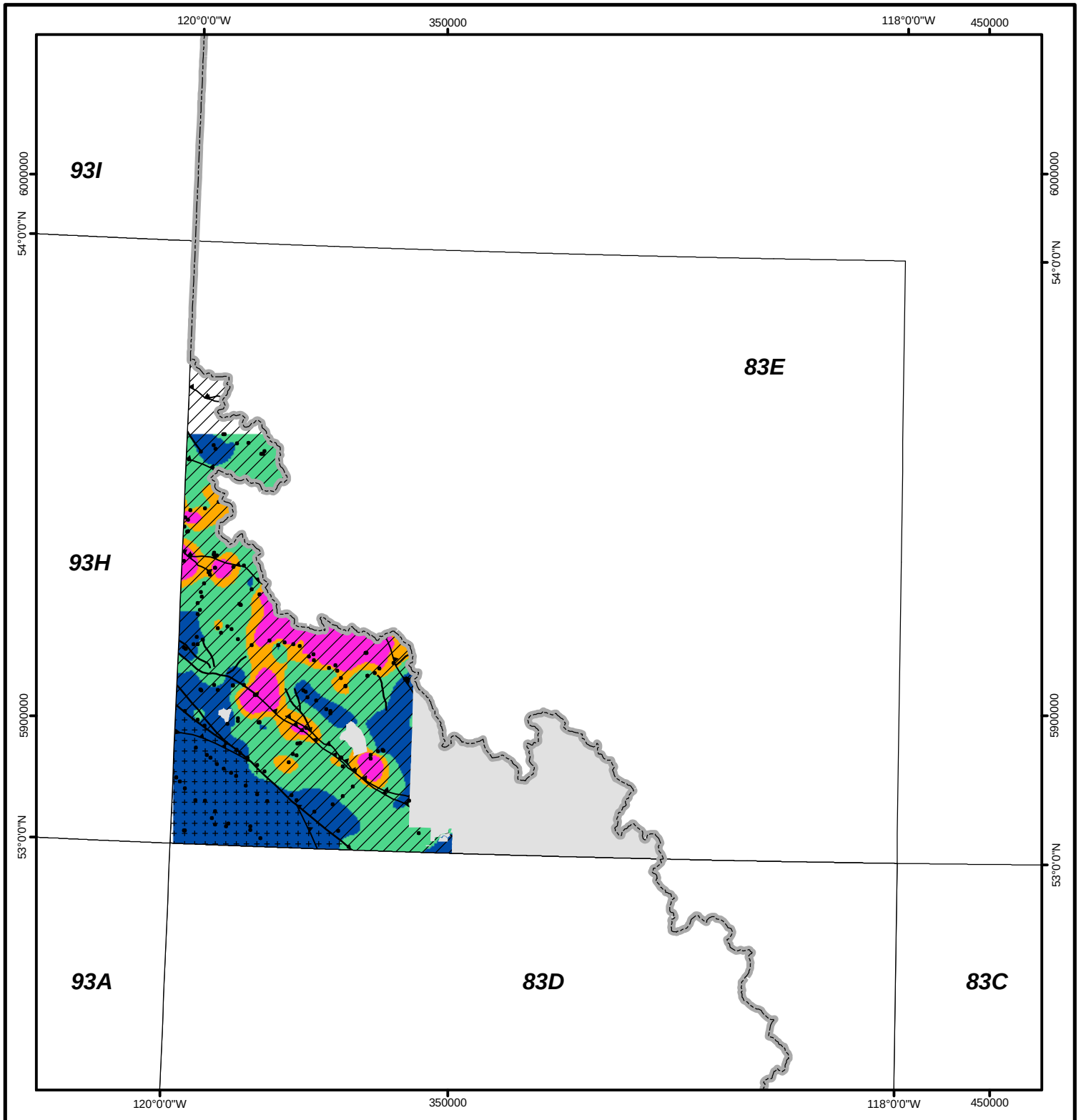
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

ICPMS: Cd (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-22	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Sb (ppm)

- > 0.48
- 0.31 - 0.48
- 0.14 - 0.31
- < 0.14

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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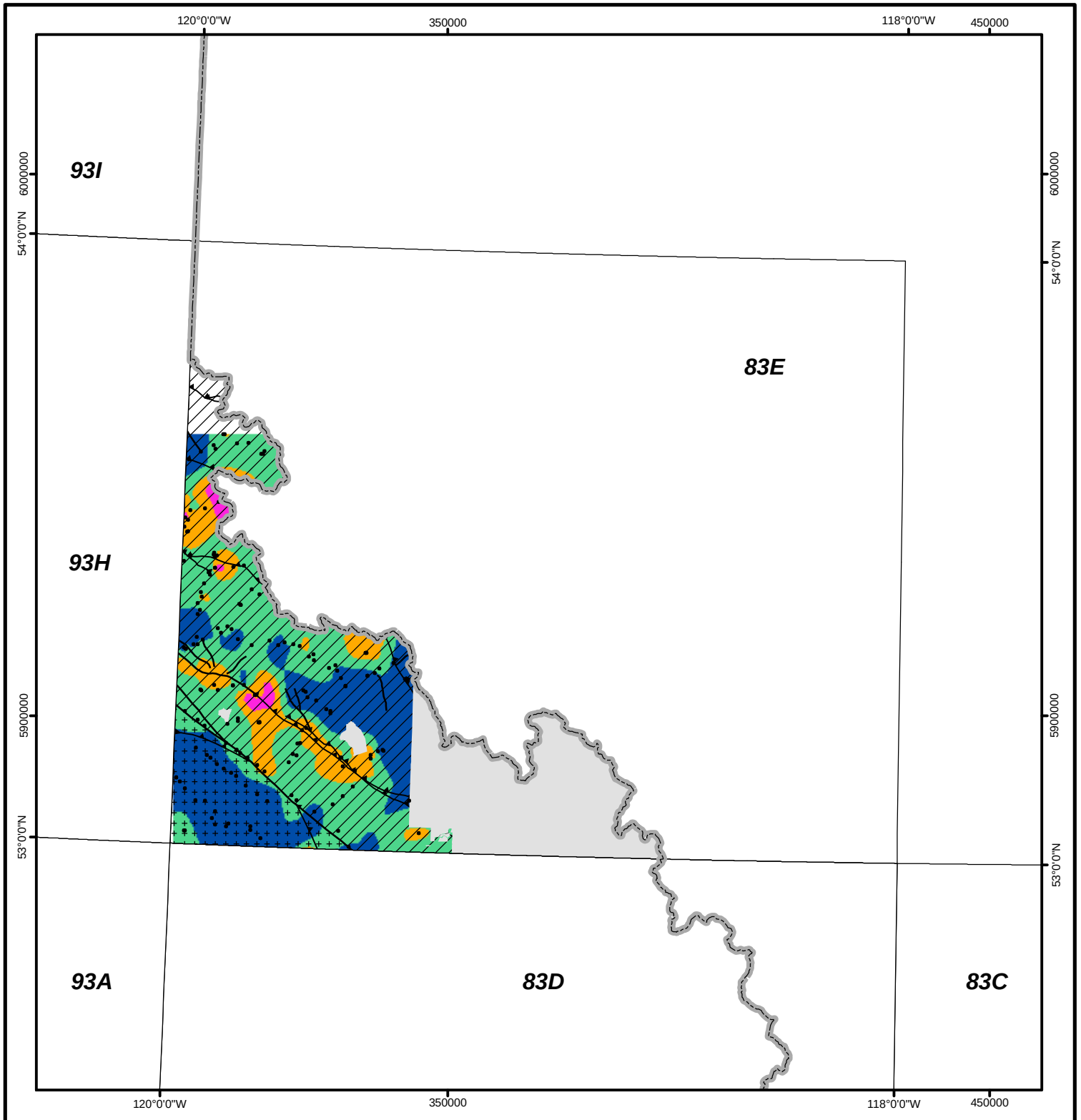
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

ICPMS: Sb (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-23	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Bi (ppm)

- > 0.56
- 0.41 - 0.56
- 0.26 - 0.41
- < 0.26

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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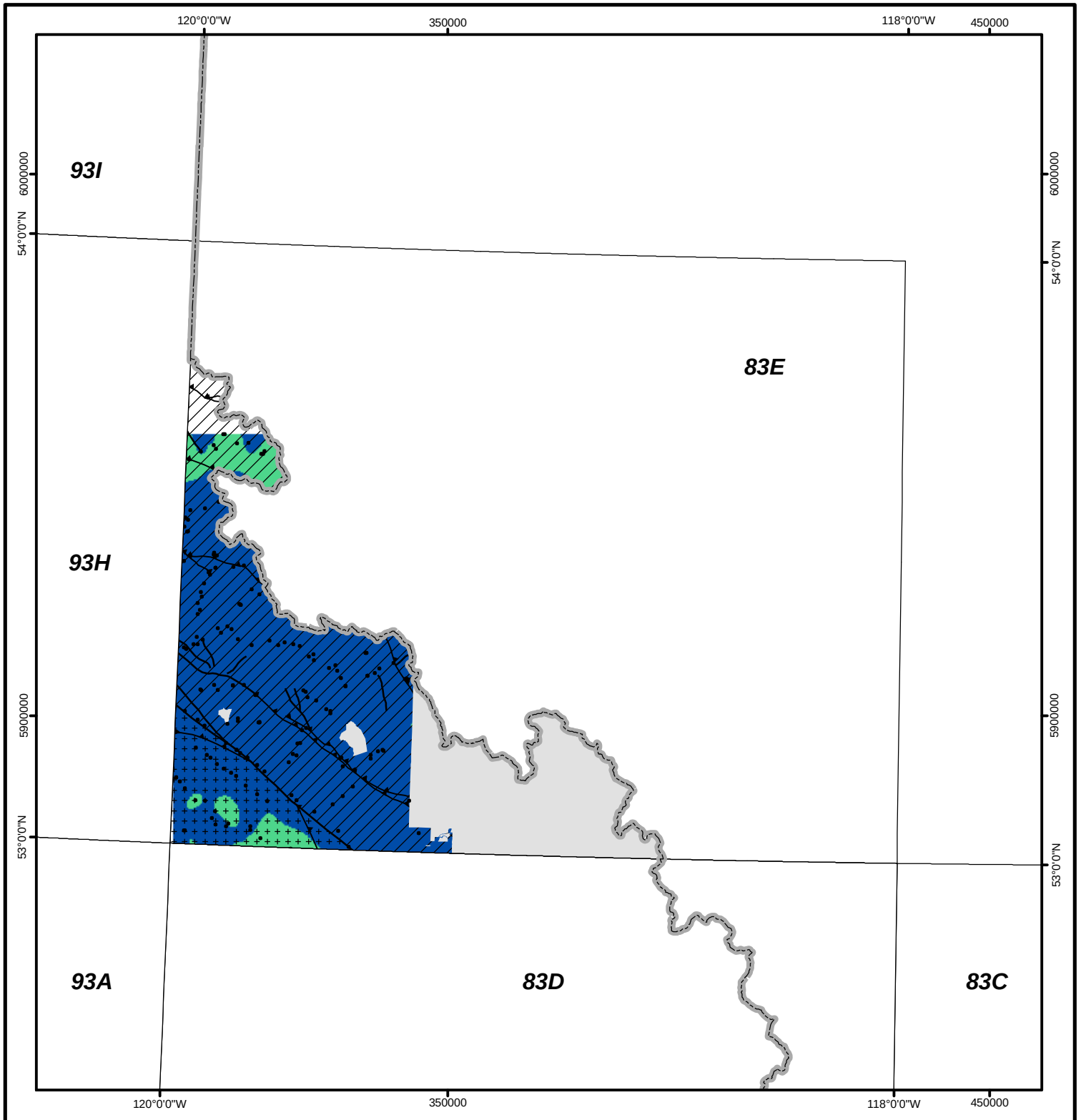
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

ICPMS: Bi (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-24	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

V (ppm)

- > 37
- 26 - 37
- 15 - 26
- < 15

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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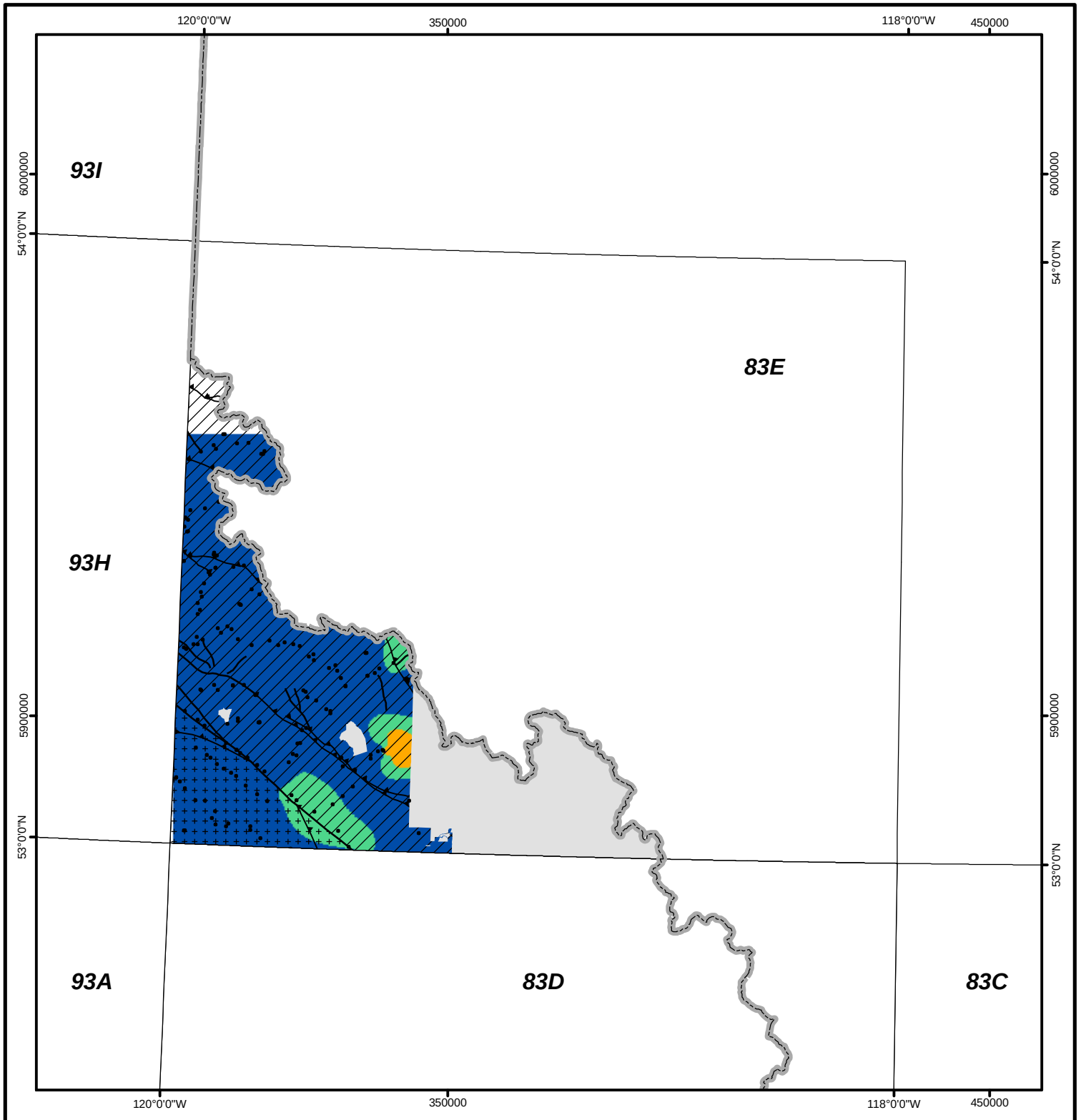
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

ICPMS: V (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-25	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ca (%)

- > 9.68
- 5.92 - 9.68
- 2.16 - 5.92
- < 2.16

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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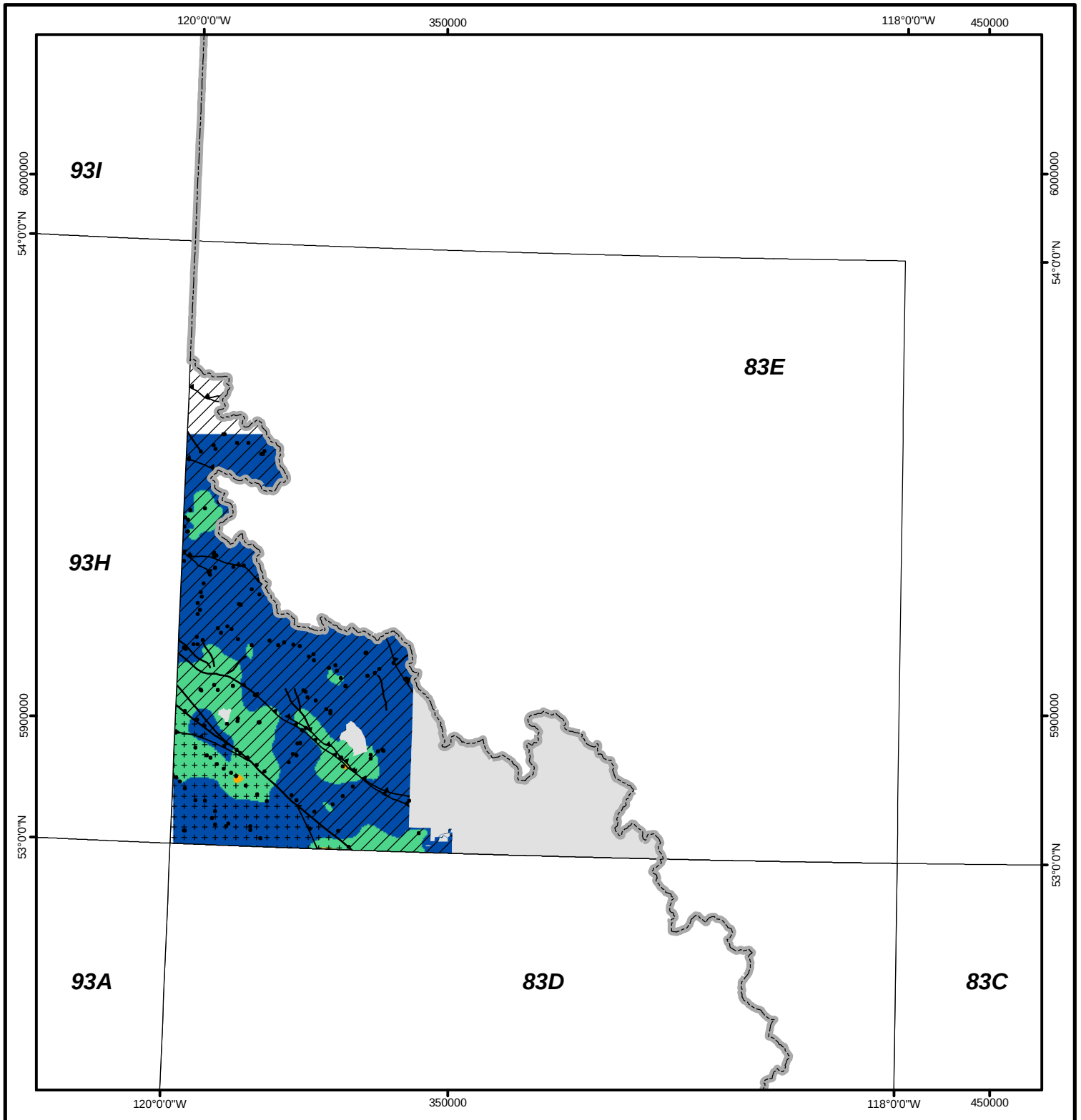
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

ICPMS: Ca (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-26	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

P (%)

- > 0.14
- 0.11 - 0.14
- 0.08 - 0.11
- < 0.08

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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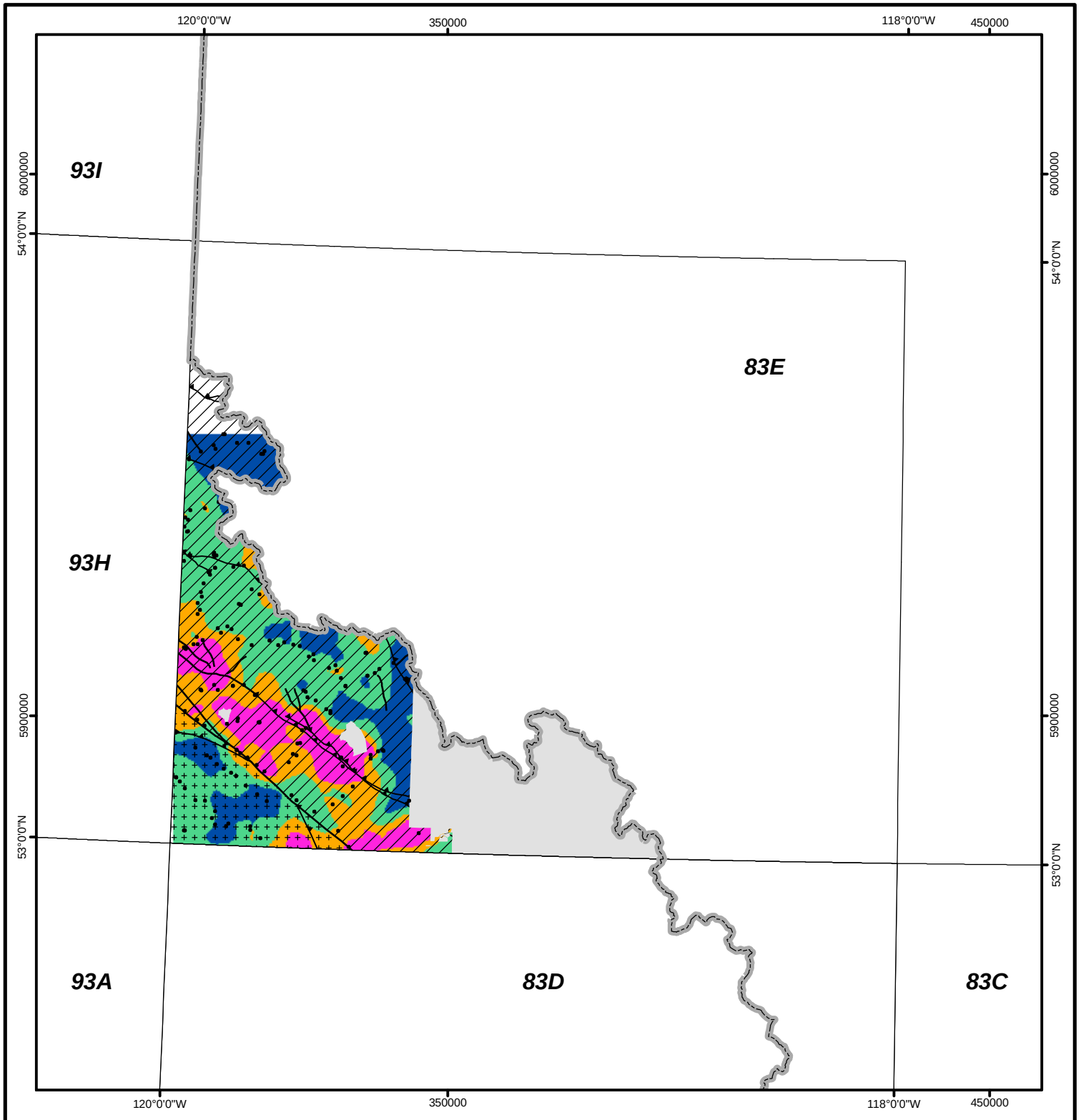
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

ICPMS: P (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-27	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

La (ppm)

- > 44.1
- 31.8 - 44.1
- 19.5 - 31.8
- < 19.5

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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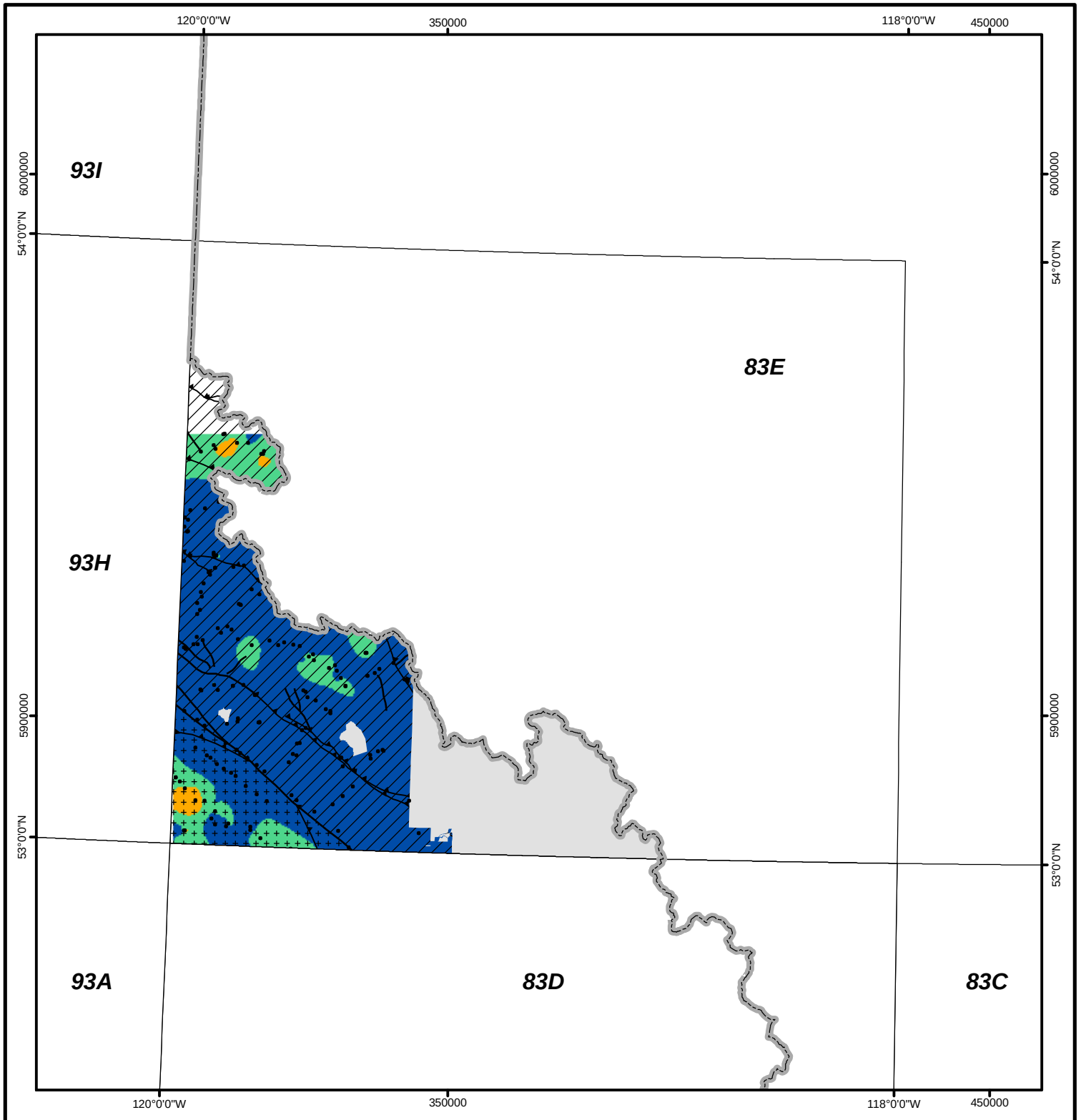
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

ICPMS: La (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-28	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Cr (ppm)

- > 44.8
- 33.6 - 44.8
- 22.4 - 33.6
- < 22.4

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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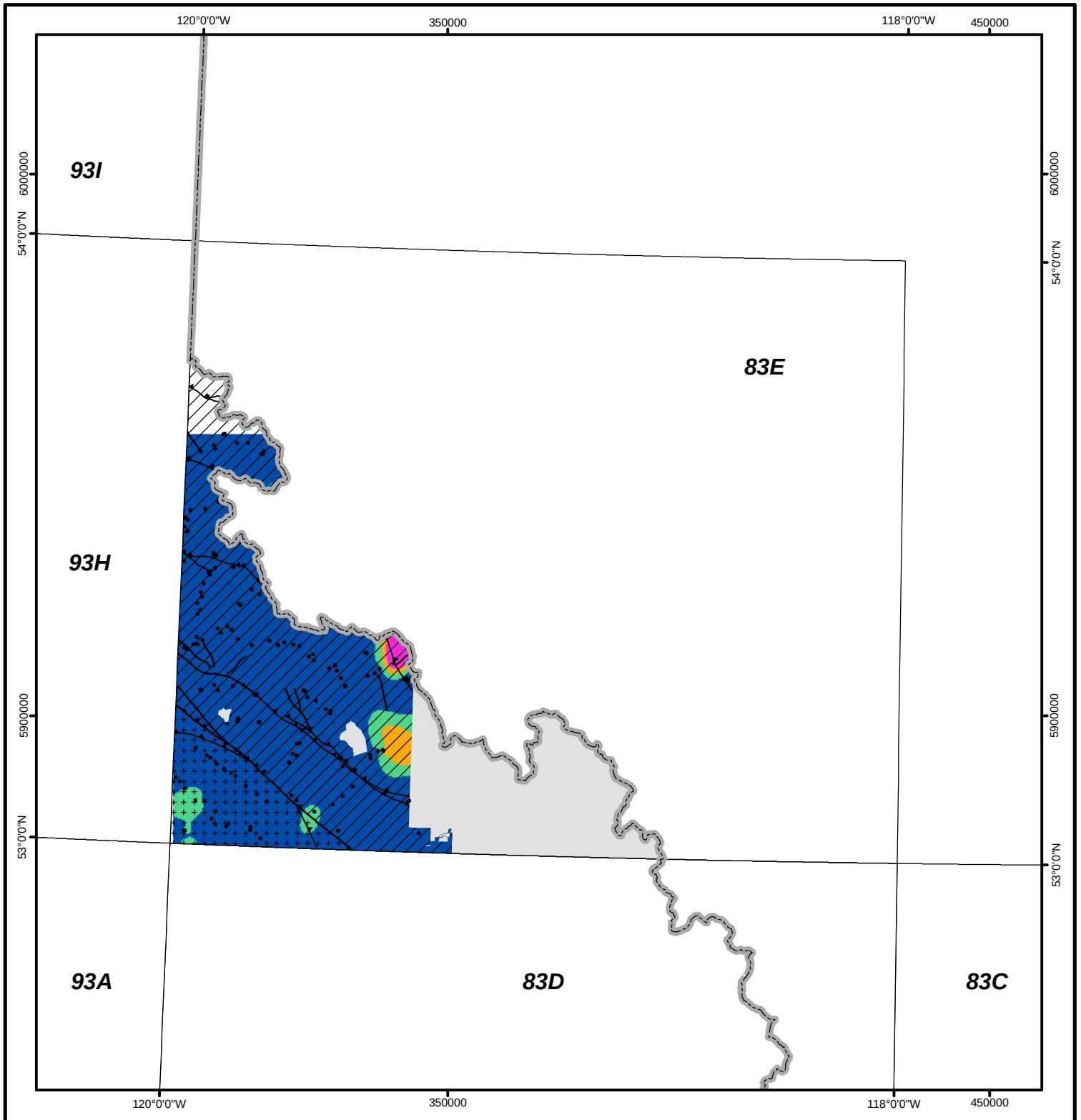
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

ICPMS: Cr (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-29	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Mg (%)

- > 2.25
- 1.59 - 2.25
- 0.93 - 1.59
- < 0.93

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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GEOSCIENCE BC

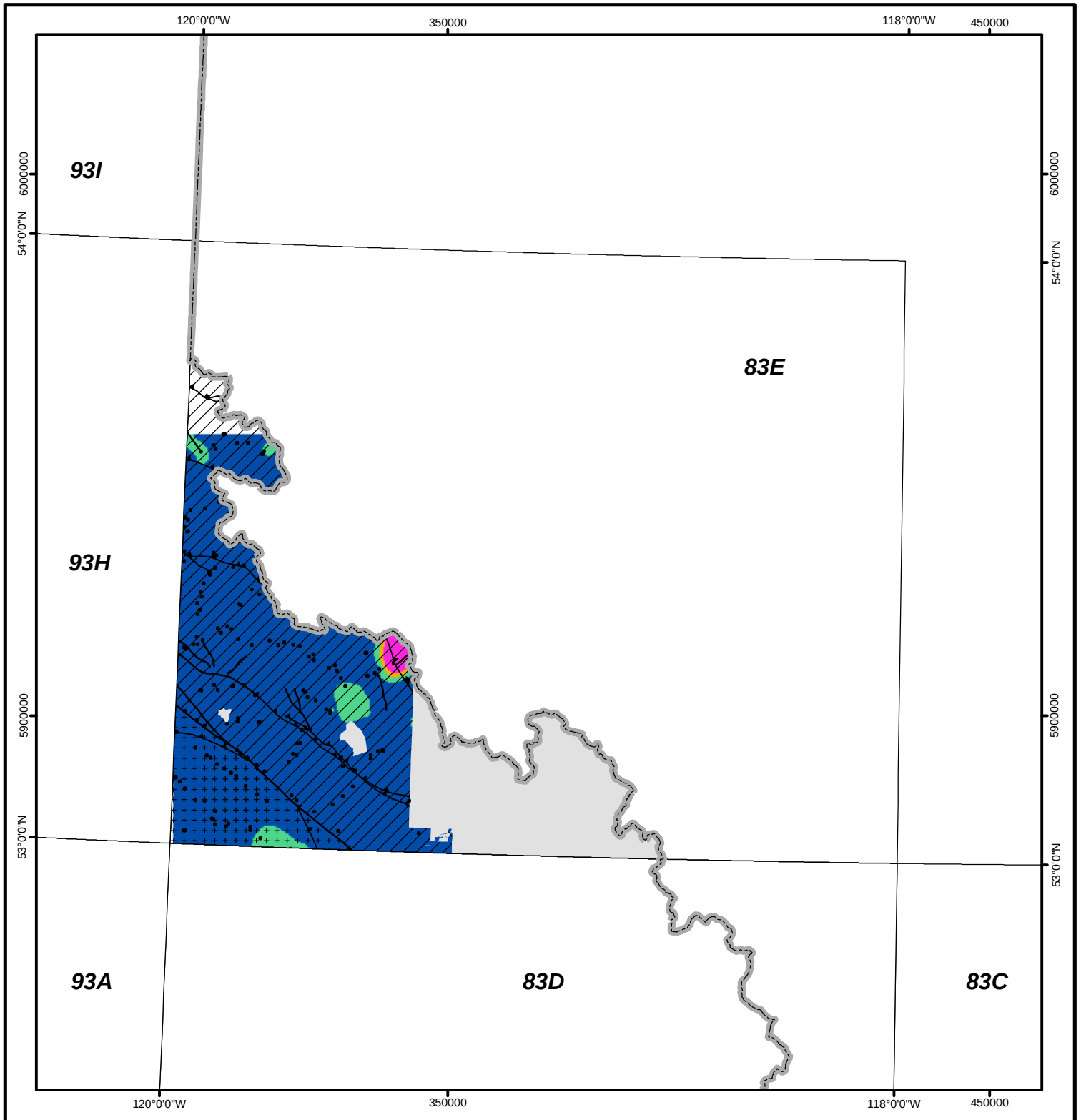
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

ICPMS: Mg (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-30	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ba (ppm)

- > 159.6
- 107.9 - 159.6
- 56.2 - 107.9
- < 56.2

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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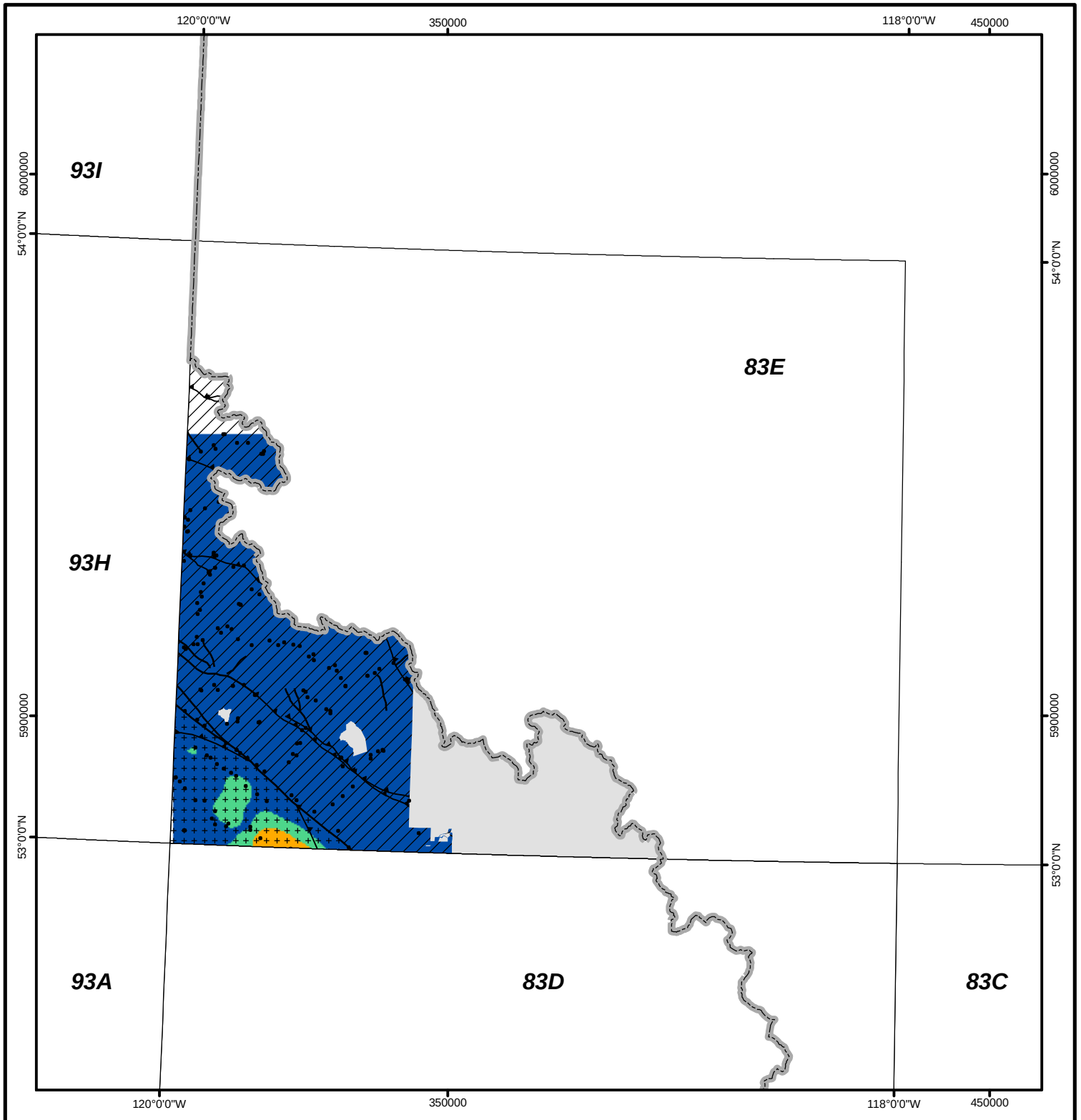
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

ICPMS: Ba (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-31	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ti (%)

- > 0.134
- 0.086 - 0.134
- 0.038 - 0.086
- < 0.038

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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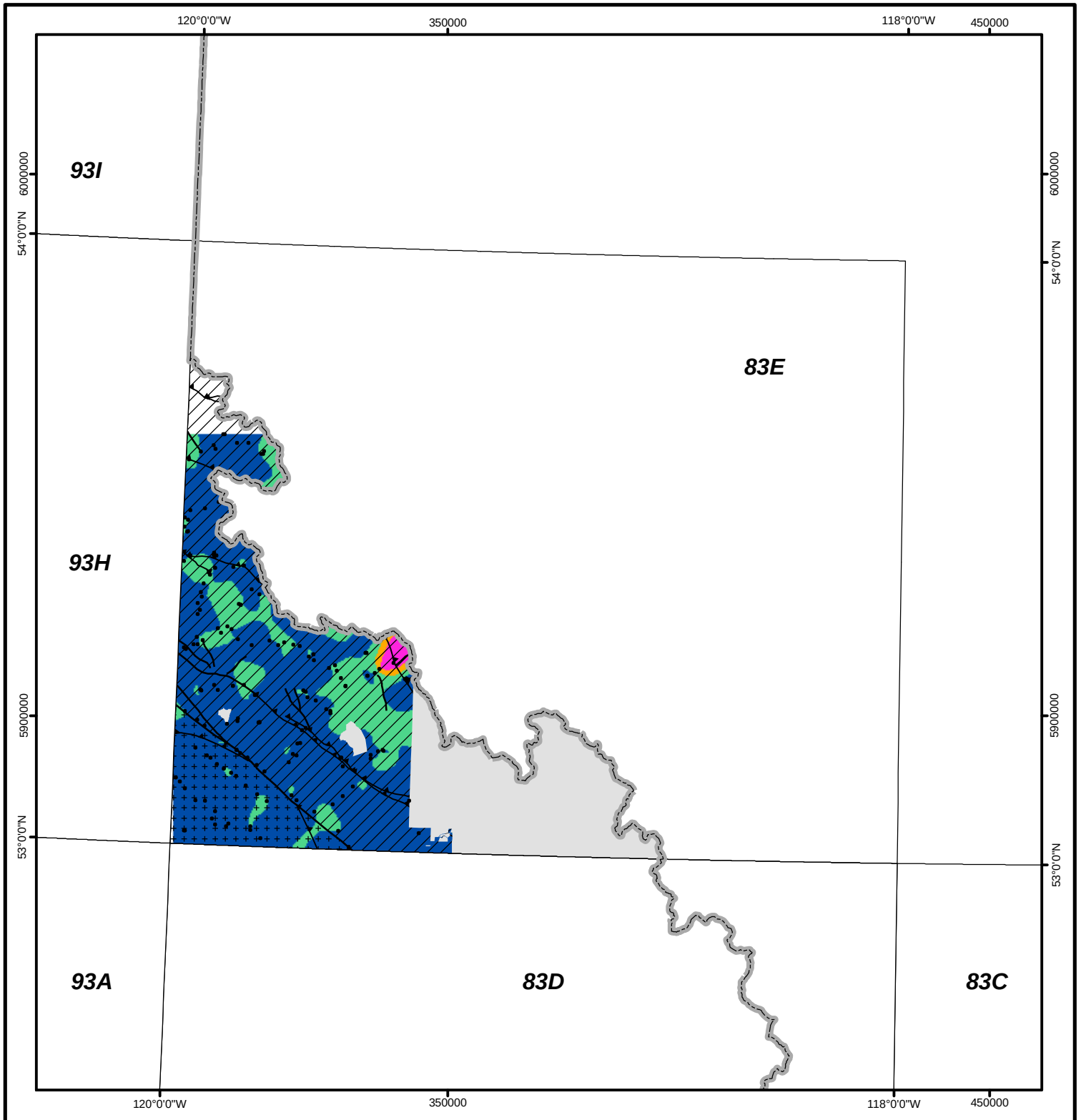
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

ICPMS: Ti (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-32	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

B (ppm)

- > 3
- 2 - 3
- 1 - 2
- < 1

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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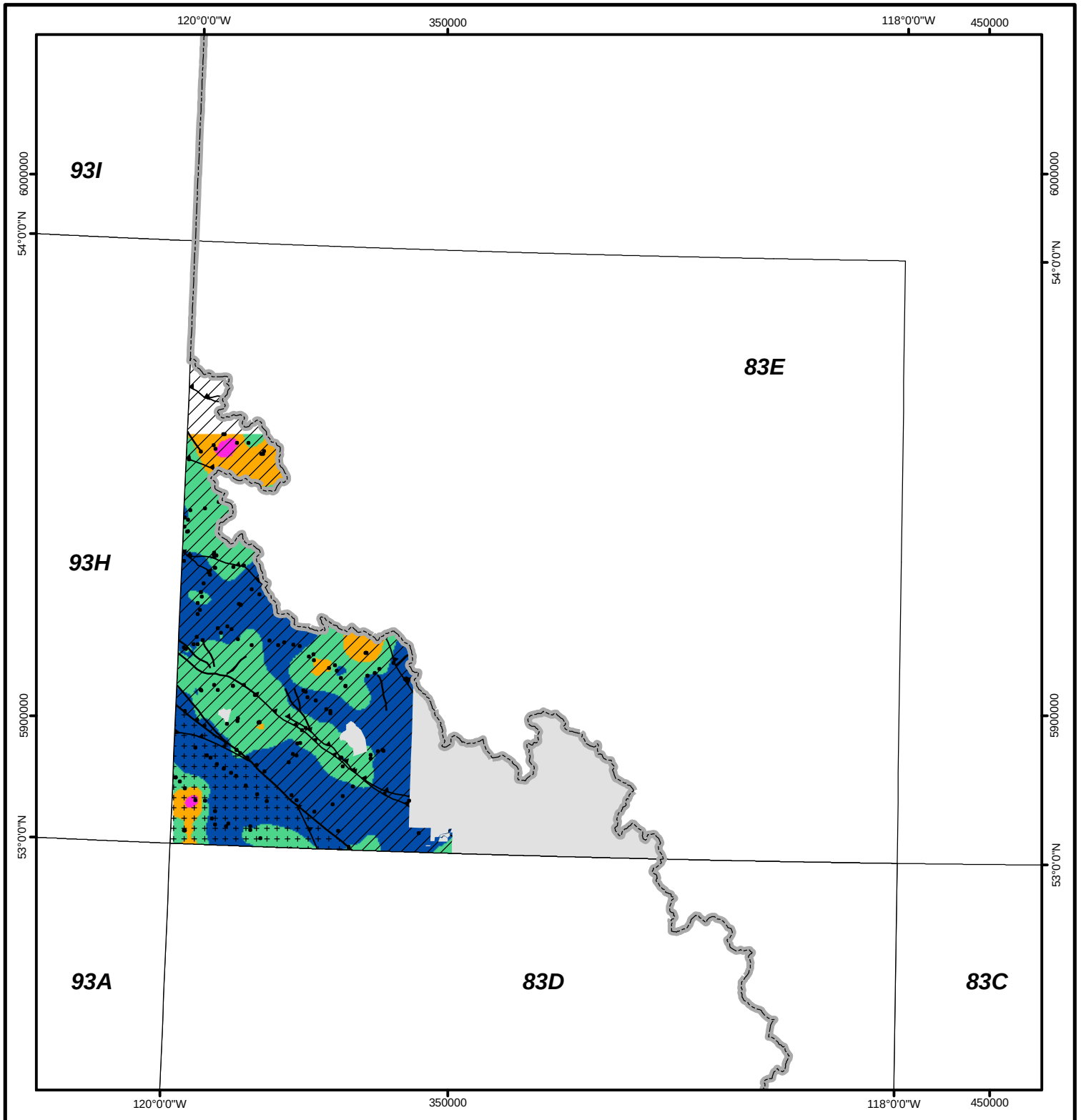
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

ICPMS: B (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-33	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Al (%)

- > 2.01
- 1.55 - 2.01
- 1.09 - 1.55
- < 1.09

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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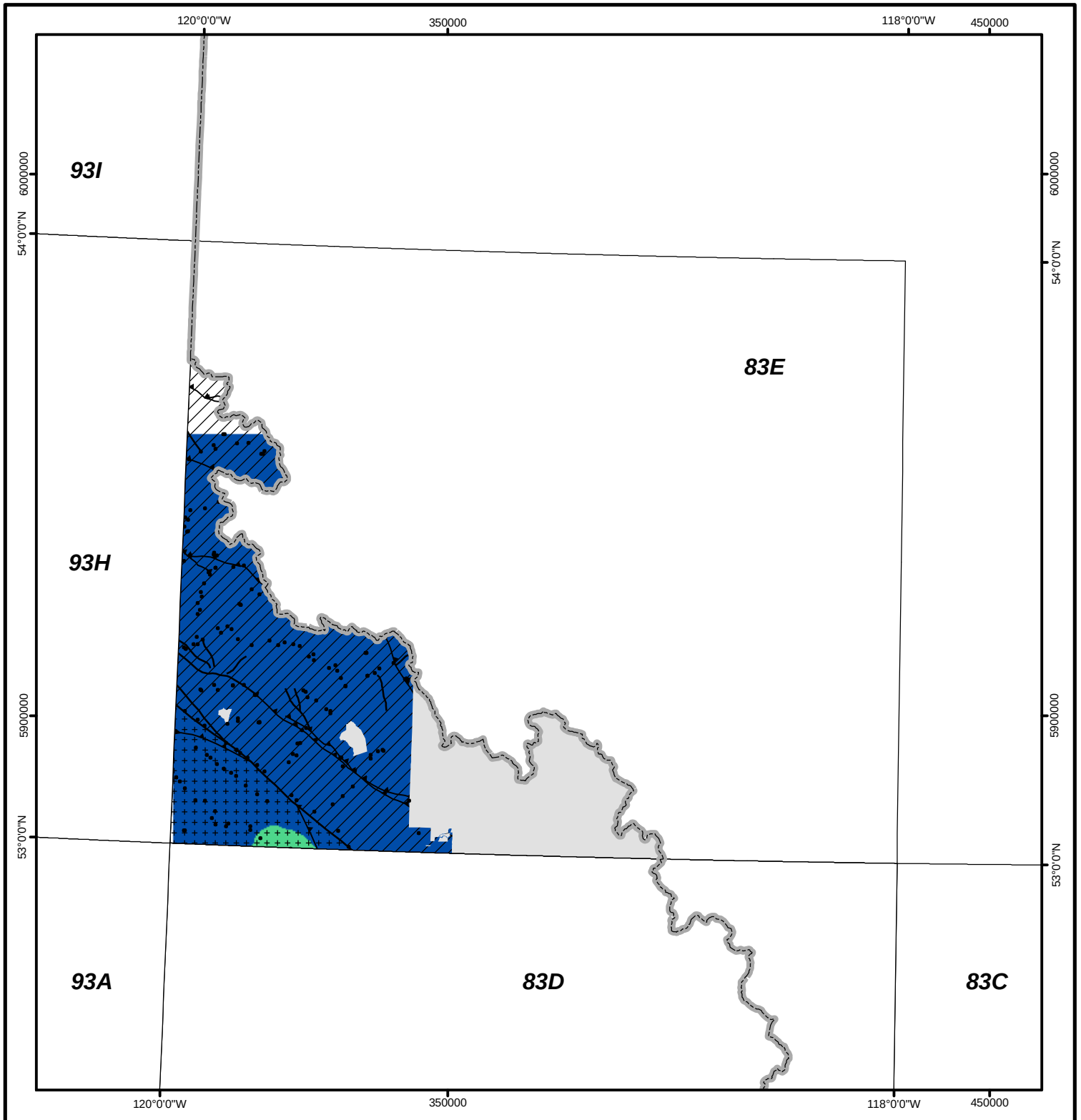
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

ICPMS: Al (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-34	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Na (%)

- > 0.026
- 0.017 - 0.026
- 0.008 - 0.017
- < 0.008

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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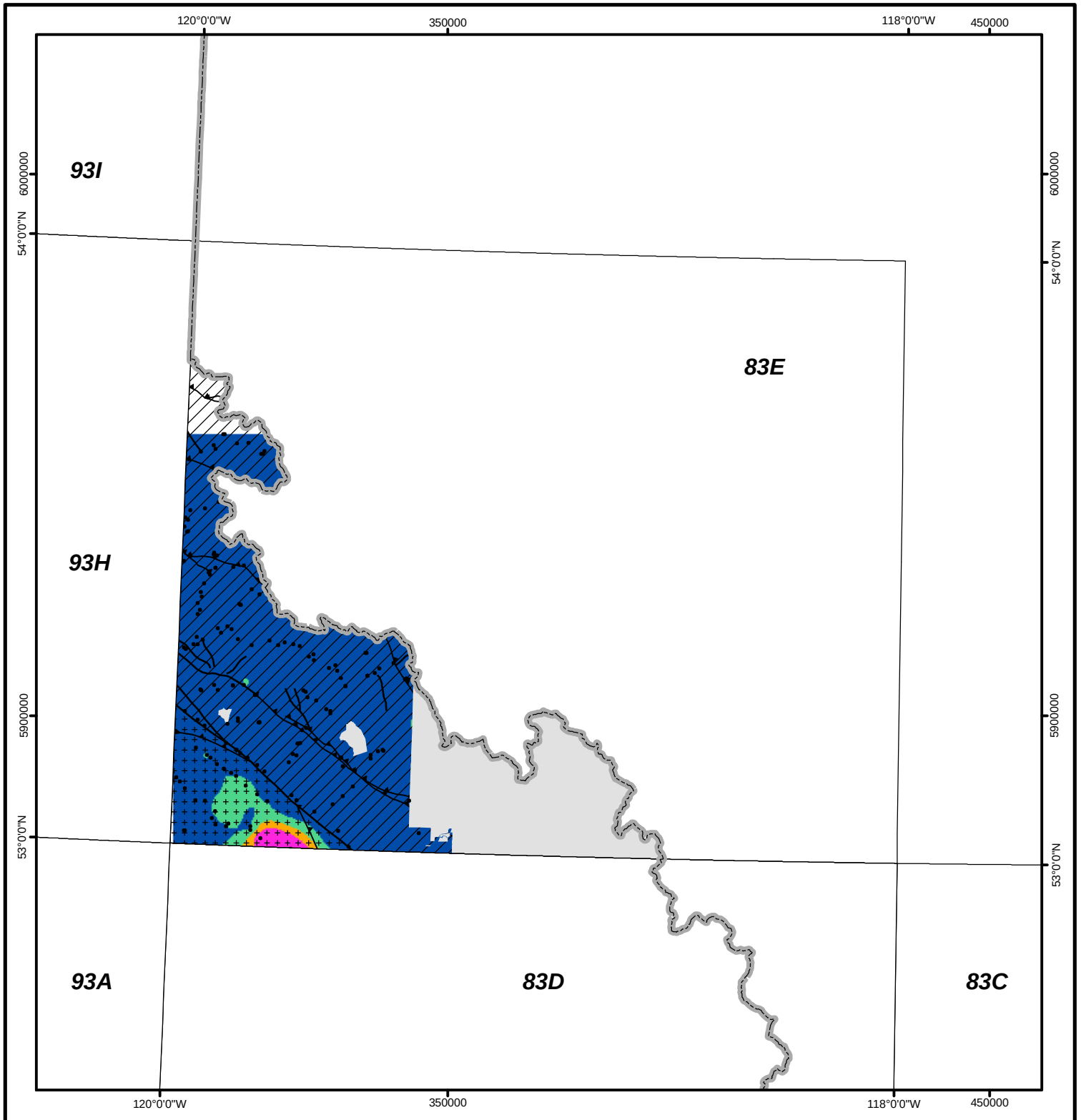
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

ICPMS: Na (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-35	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

K (%)

- > 0.51
- 0.33 - 0.51
- 0.15 - 0.33
- < 0.15

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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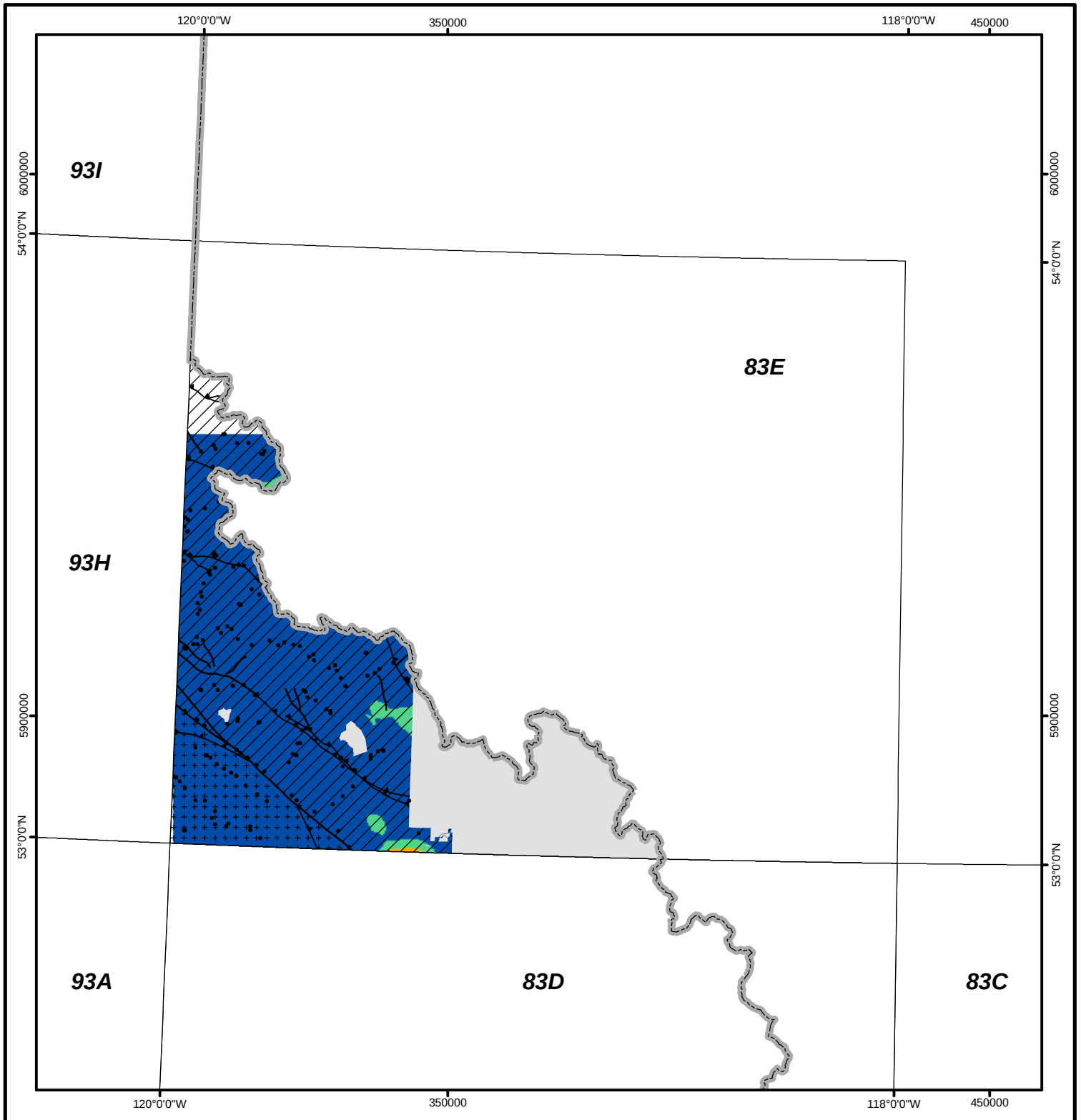
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

ICPMS: K (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-36	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

W (ppm)

- > 0.7
- 0.4 - 0.7
- 0.1 - 0.4
- < 0.1

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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N

0 10 20 km

NAD83 UTM Zone 11N

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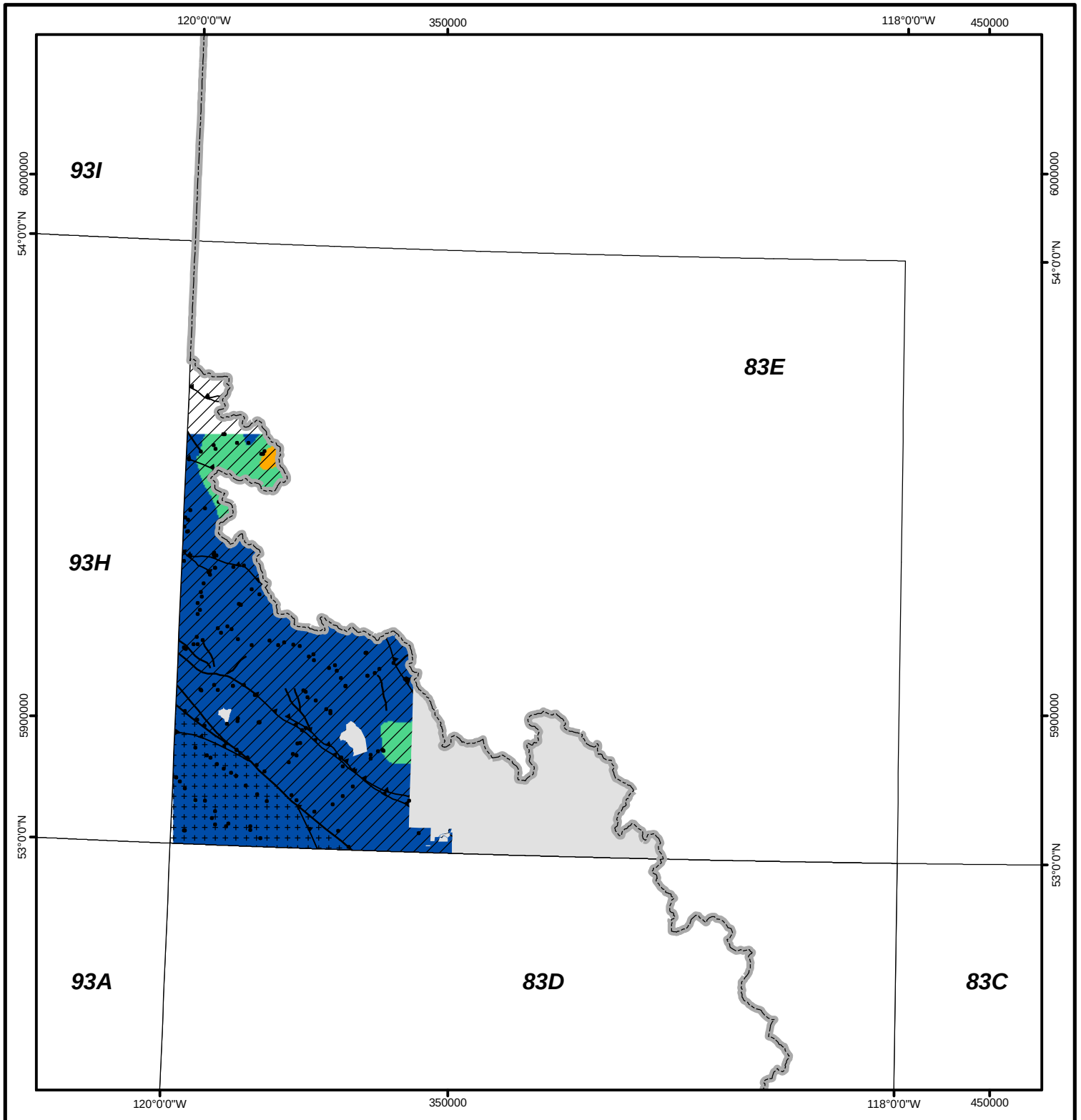
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

ICPMS: W (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-37	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Sc (ppm)

- > 3.8
- 2.9 - 3.8
- 2.0 - 2.9
- < 2.0

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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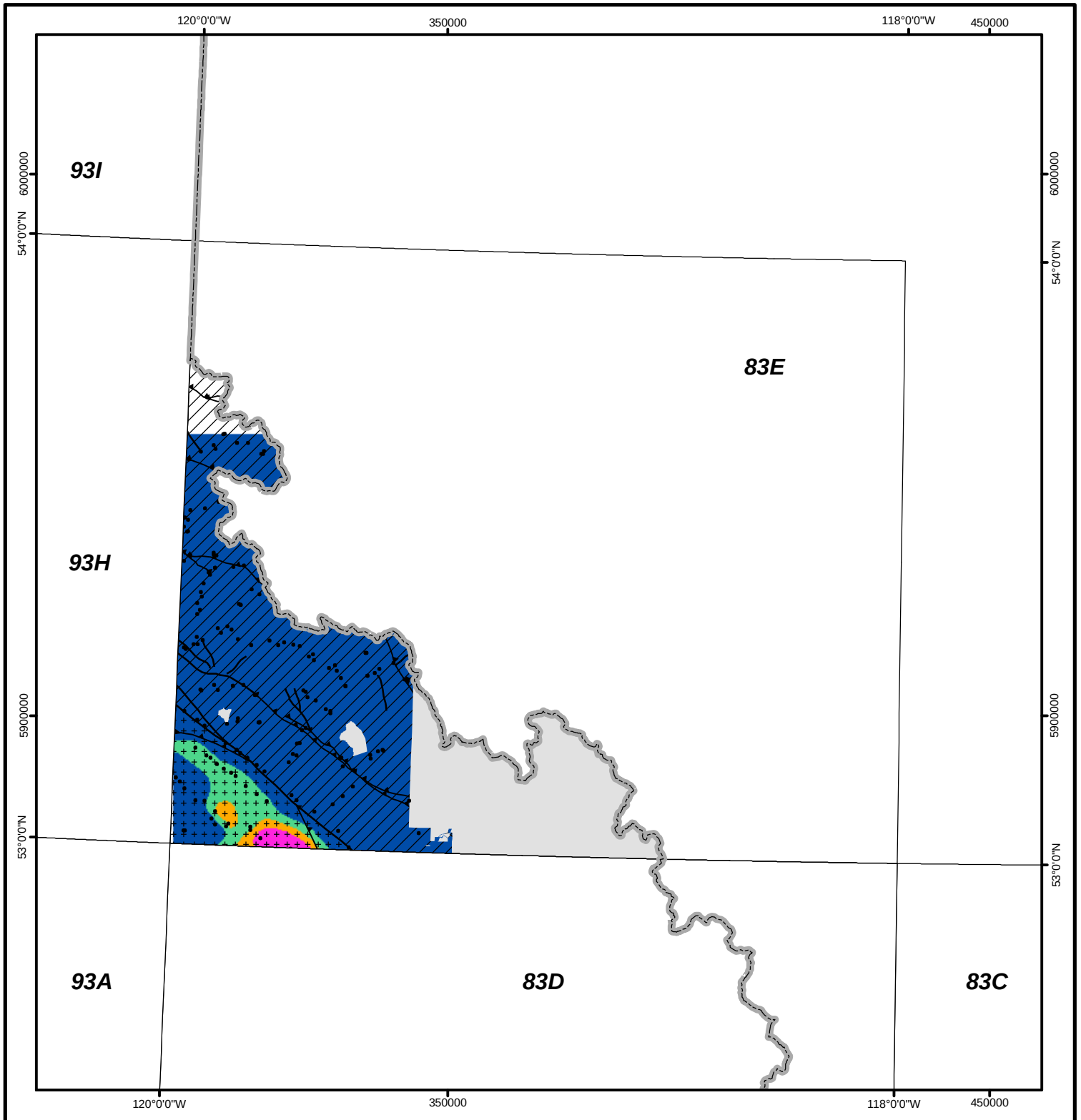
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

ICPMS: Sc (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-38	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Tl (ppm)

- > 0.30
- 0.20 - 0.30
- 0.10 - 0.20
- < 0.10

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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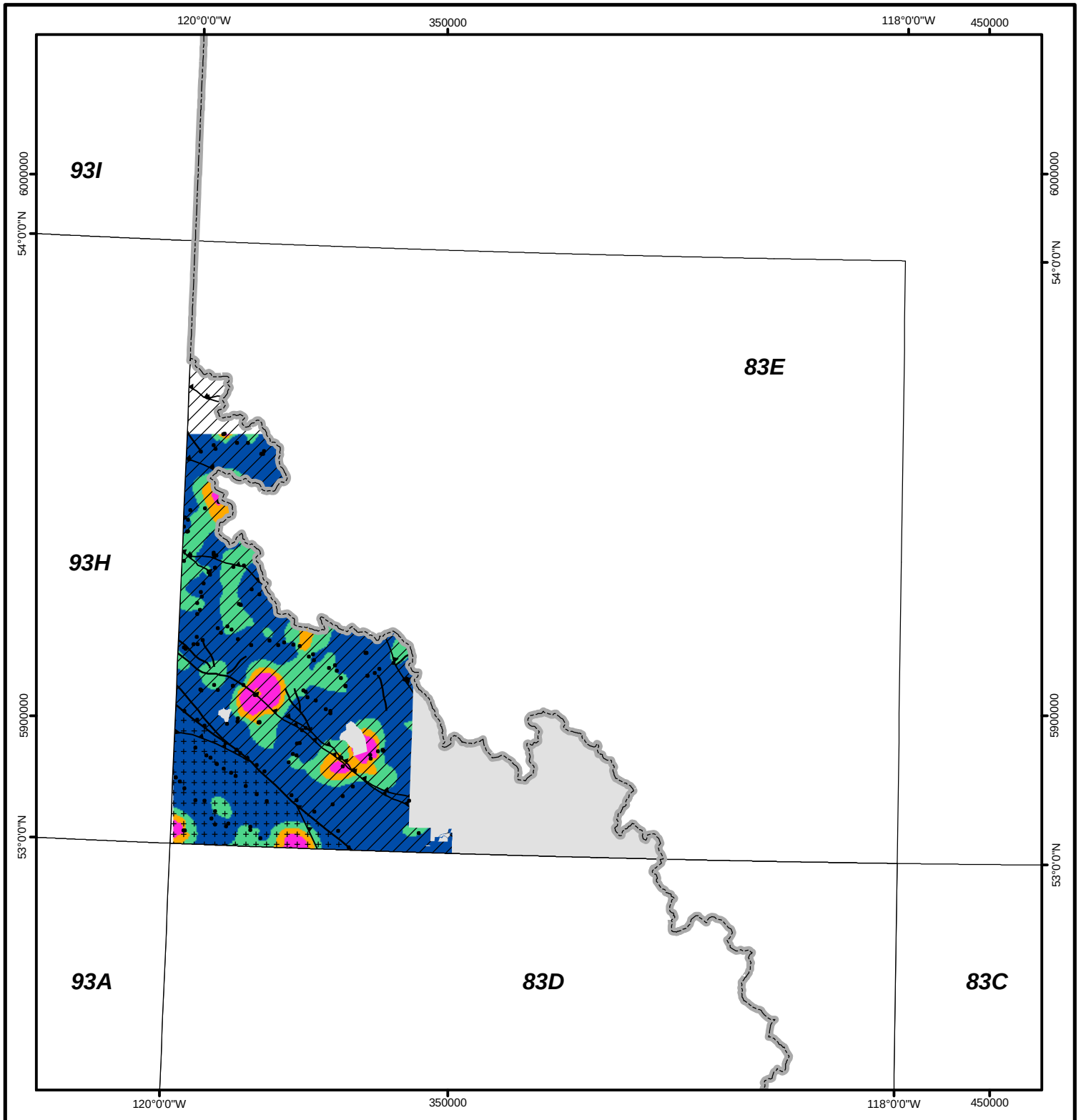
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

ICPMS: Tl (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-39	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

S (%)

- > 0.13
- 0.09 - 0.13
- 0.05 - 0.09
- < 0.05

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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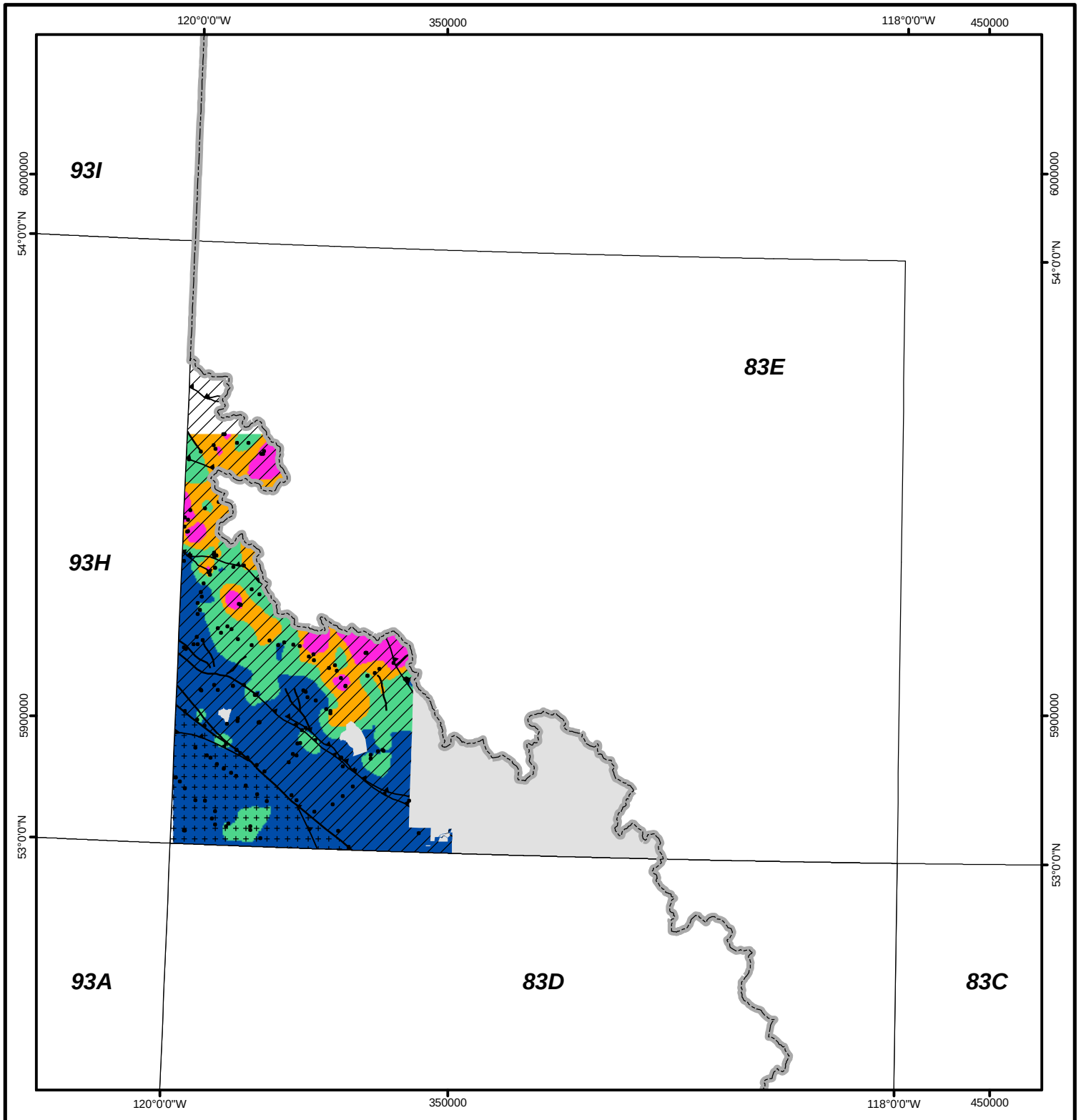
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

ICPMS: S (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-40	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Hg (ppb)

- > 37
- 25 - 37
- 13 - 25
- < 13

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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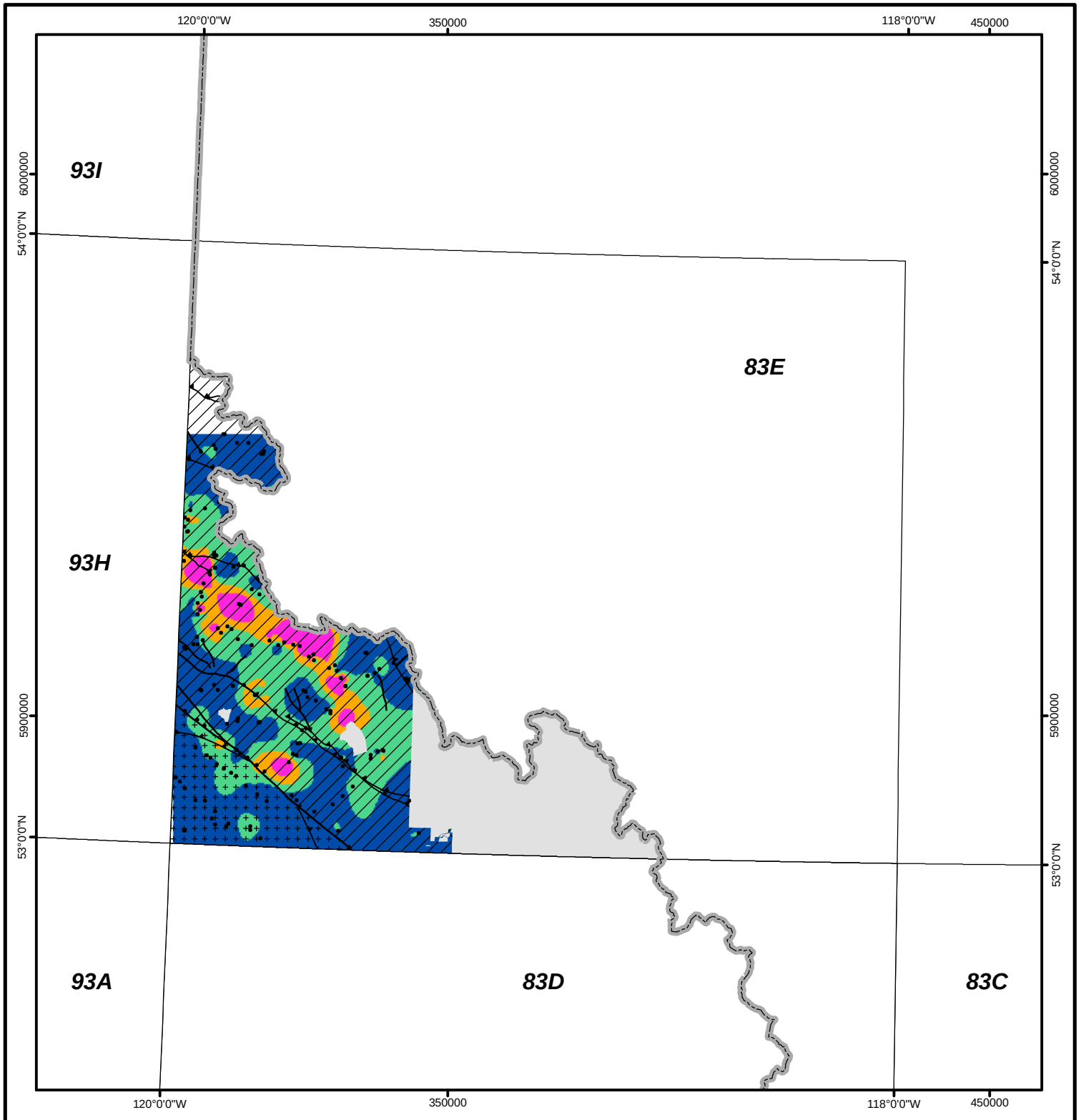
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

ICPMS: Hg (ppb)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-41	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Se (ppm)

- > 1.0
- 0.7 - 1.0
- 0.4 - 0.7
- < 0.4

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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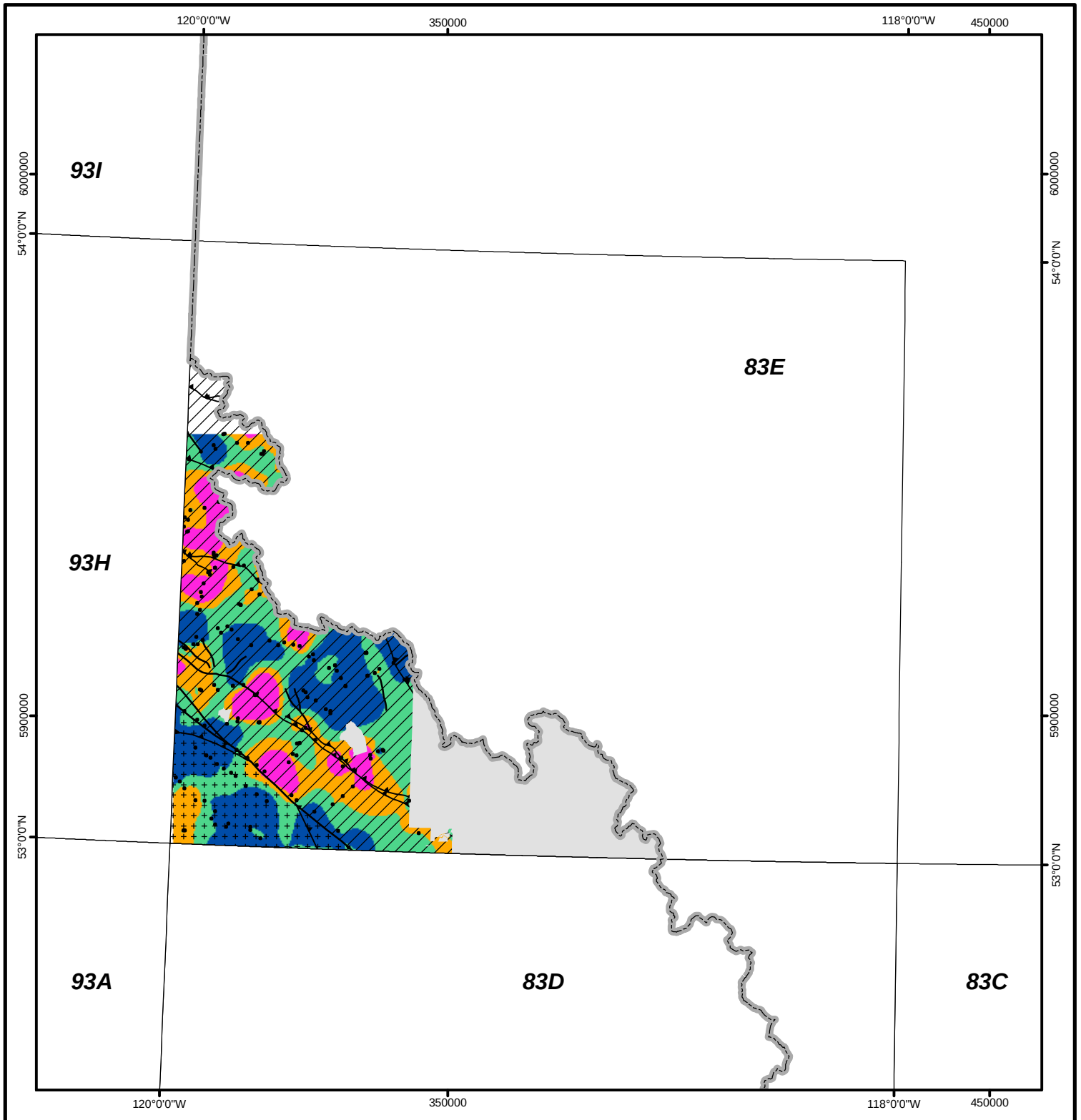
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

ICPMS: Se (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-42	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Te (ppm)

- > 0.04
- 0.03 - 0.04
- 0.02 - 0.03
- < 0.02

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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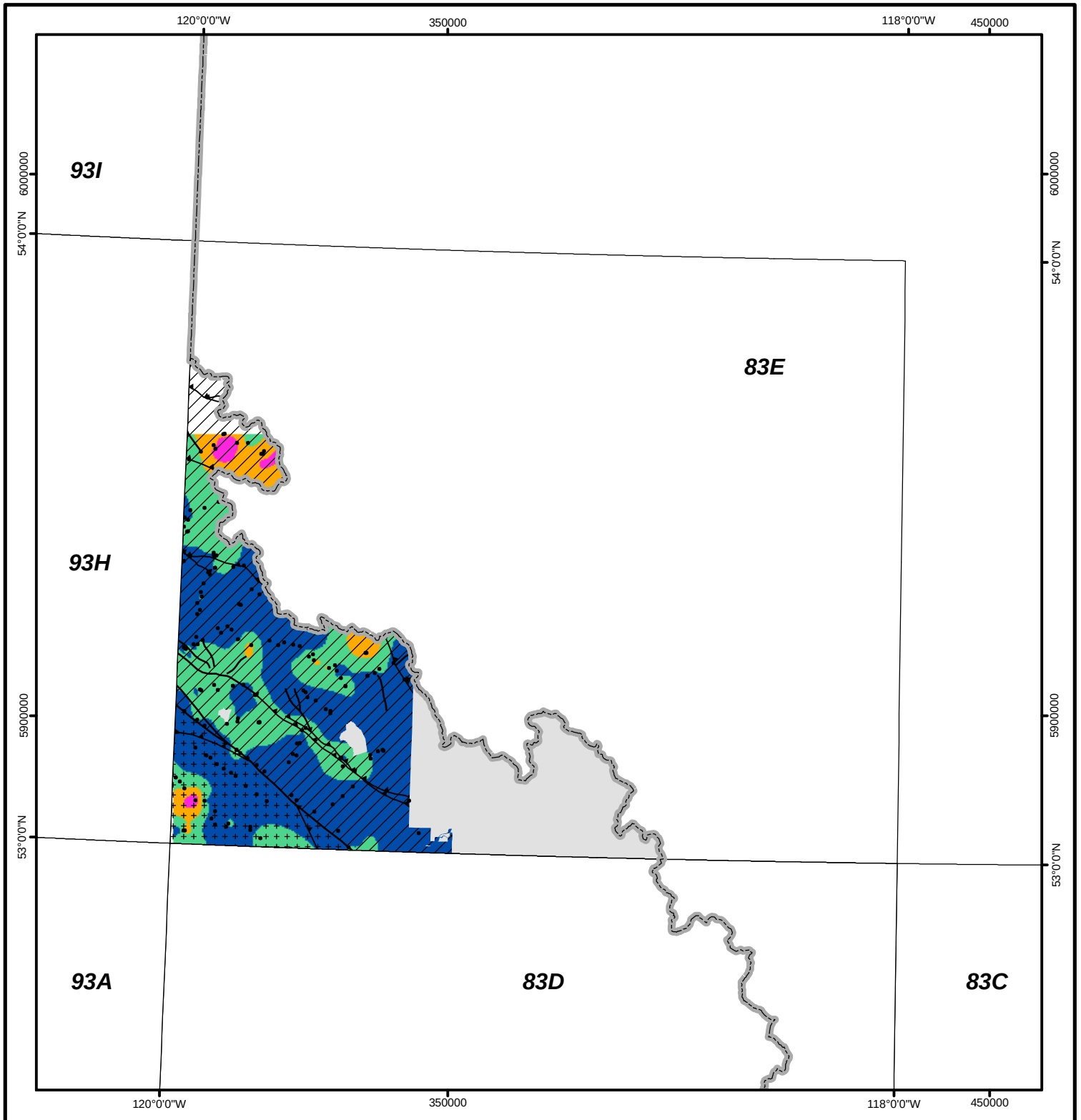
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

ICPMS: Te (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-43	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ga (ppm)

- > 6.3
- 4.8 - 6.3
- 3.3 - 4.8
- < 3.3

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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N

0 10 20 km

NAD83 UTM Zone 11N

GEOSCIENCE BC

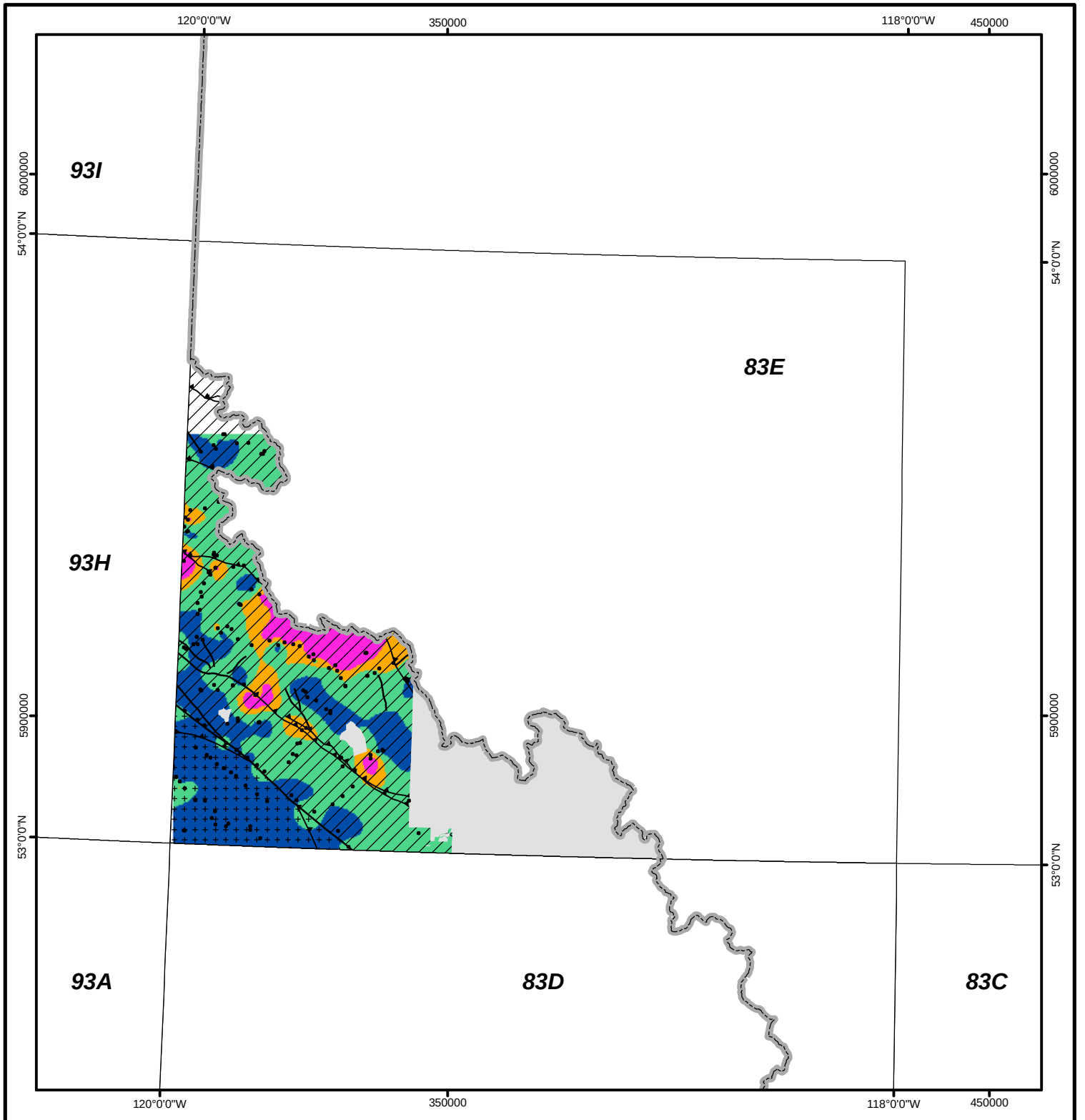
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

ICPMS: Ga (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-44	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Sb (ppm)

- > 0.8
- 0.5 - 0.8
- 0.2 - 0.5
- < 0.2

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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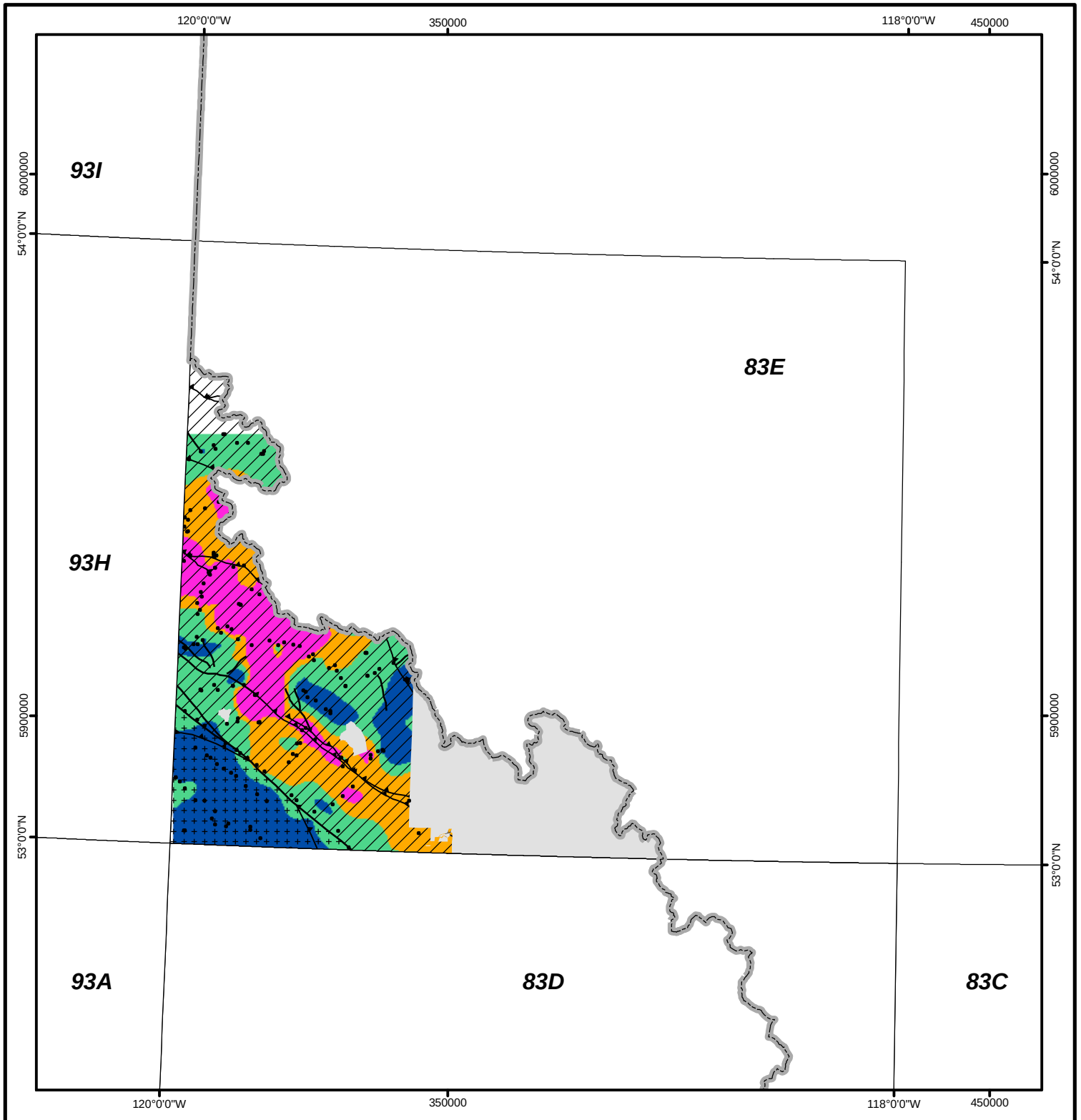
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

INAA: Sb (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-45	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

As (ppm)

- > 14.0
- 9.2 - 14.0
- 4.4 - 9.2
- < 4.4

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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GEOSCIENCE BC

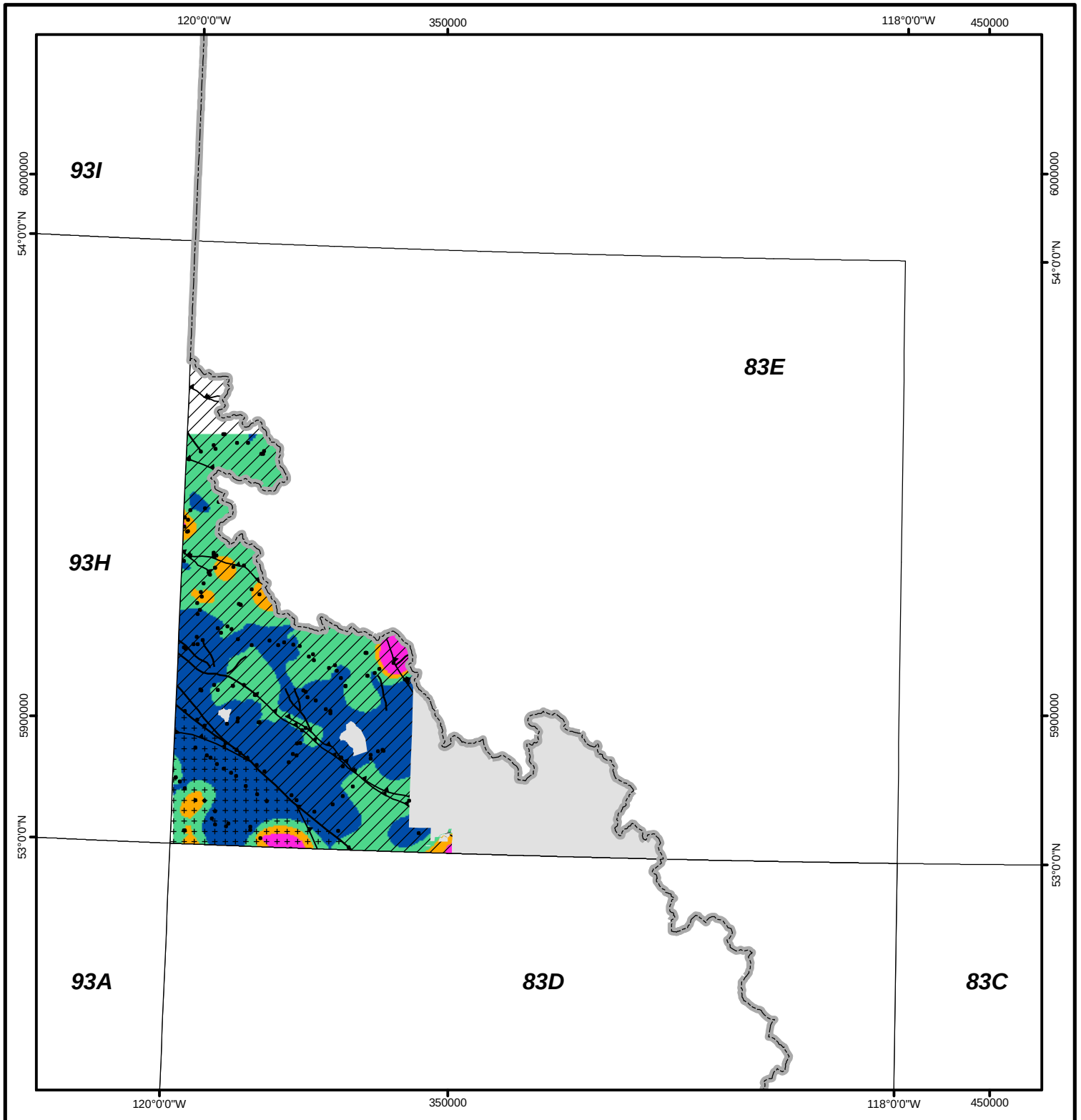
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

INAA: As (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-46	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ba (ppm)

- > 880
- 669 - 880
- 458 - 669
- < 458

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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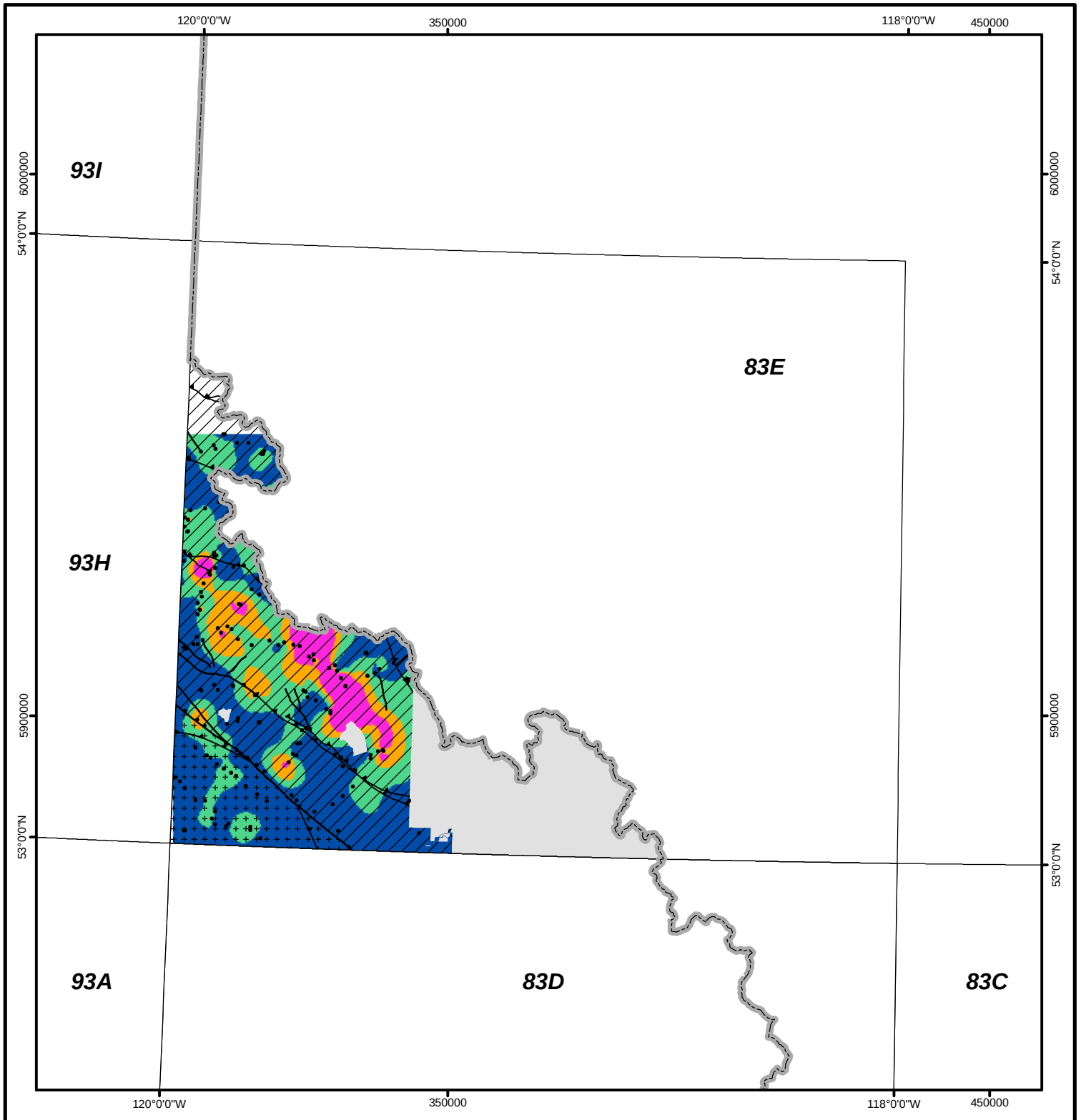
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

INAA: Ba (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-47	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Br (ppm)

- > 14.8
- 9.8 - 14.8
- 4.8 - 9.8
- < 4.8

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

GEOSCIENCE BC

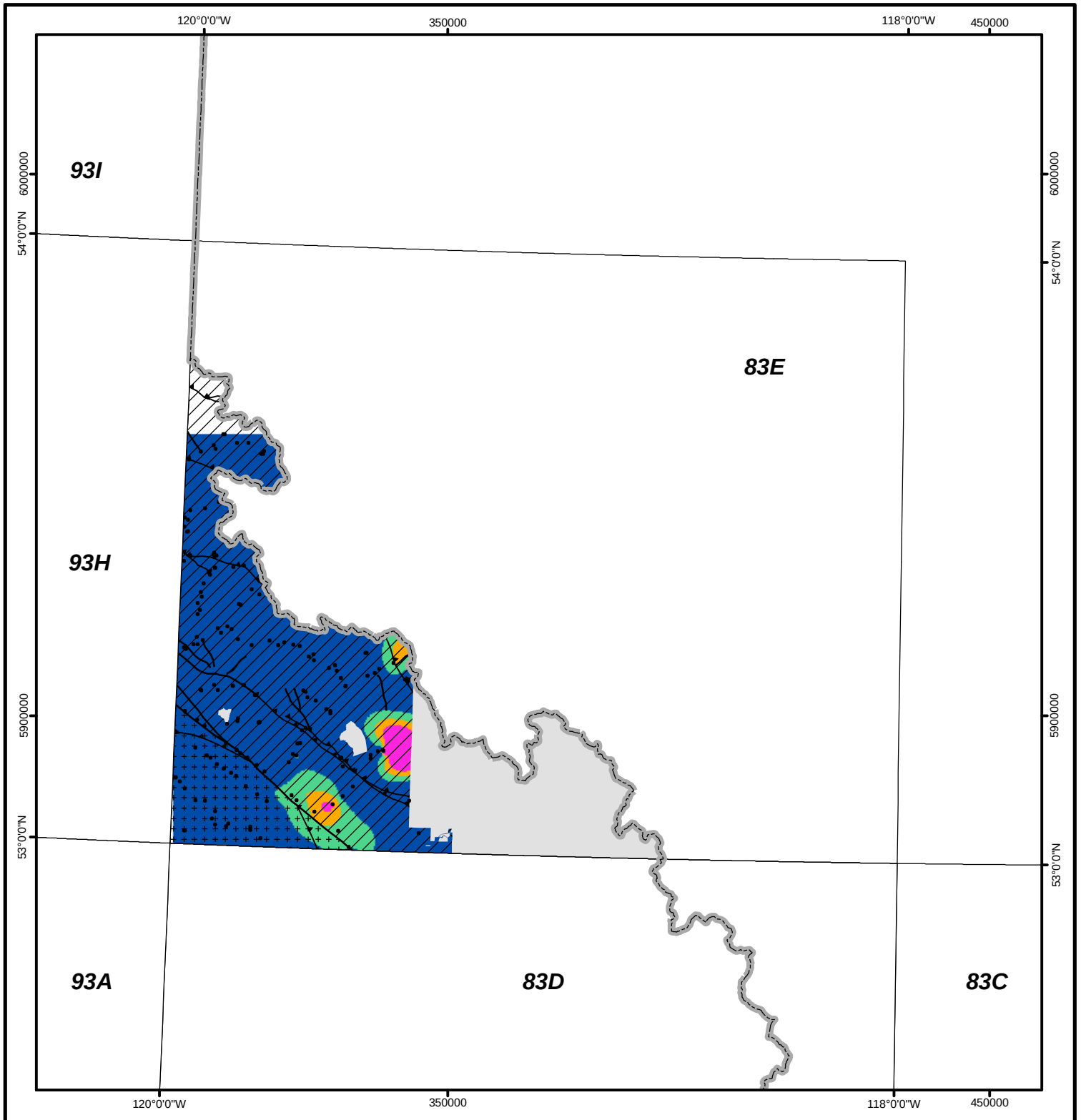
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

INAA: Br (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-48	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ca (%)

- > 9
- 6 - 9
- 3 - 6
- < 3

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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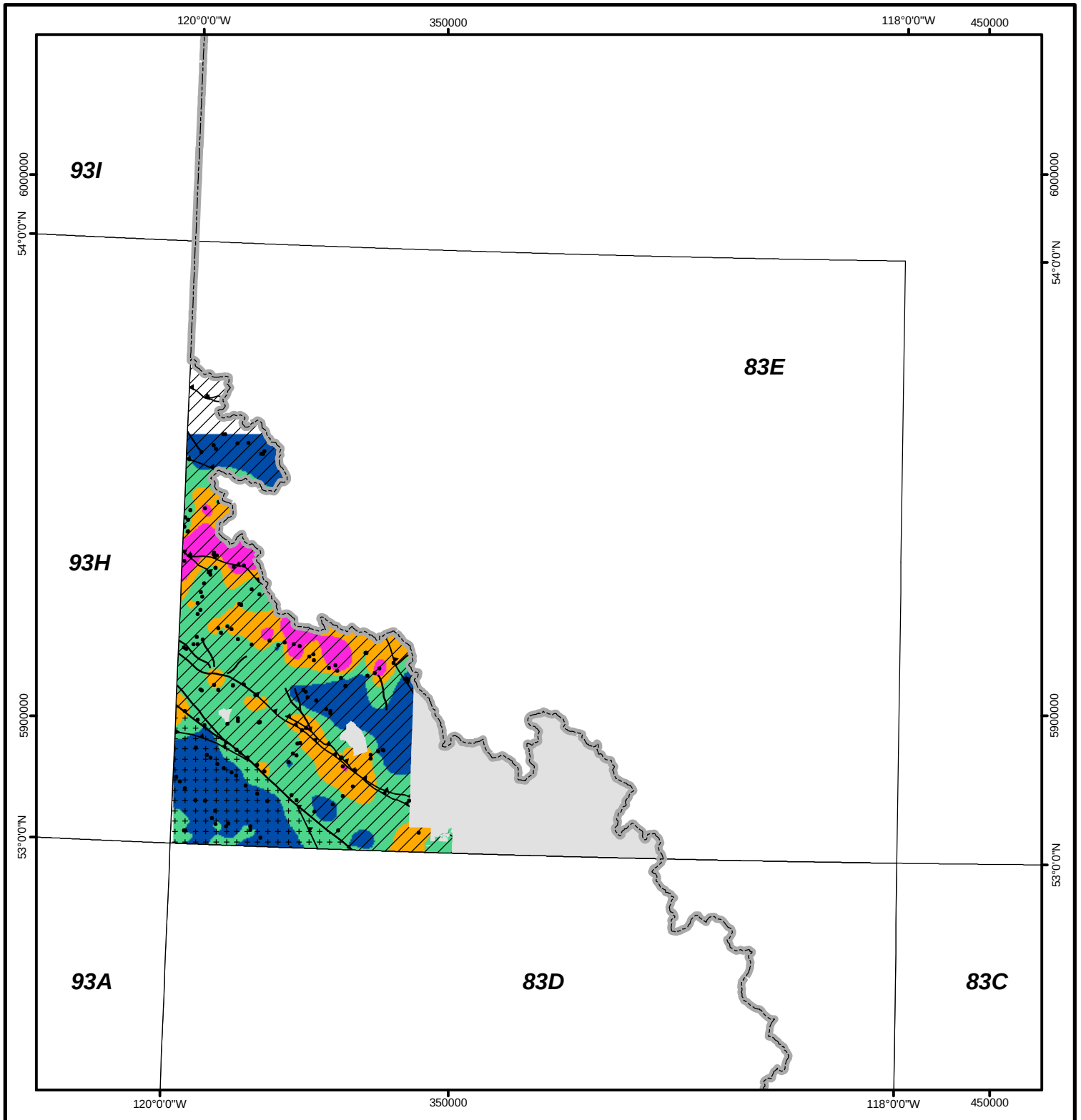
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

INAA: Ca (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-49	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ce (ppm)

- > 342
- 251 - 342
- 160 - 251
- < 160

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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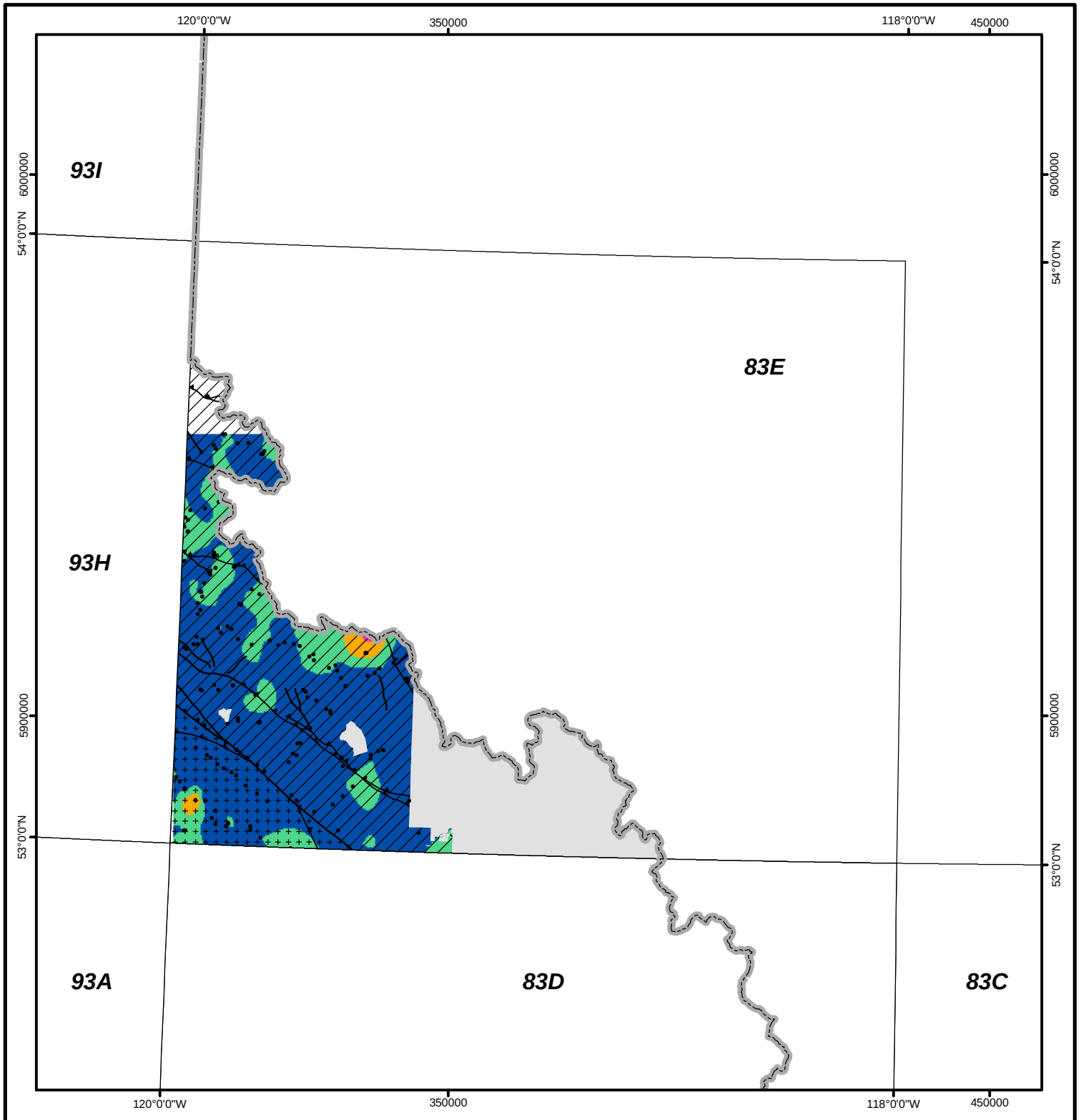
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

INAA: Ce (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-50	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Cs (ppm)

- > 8
- 6 - 8
- 4 - 6
- < 4

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

N

0 10 20 km

NAD83 UTM Zone 11N

GEOSCIENCE BC

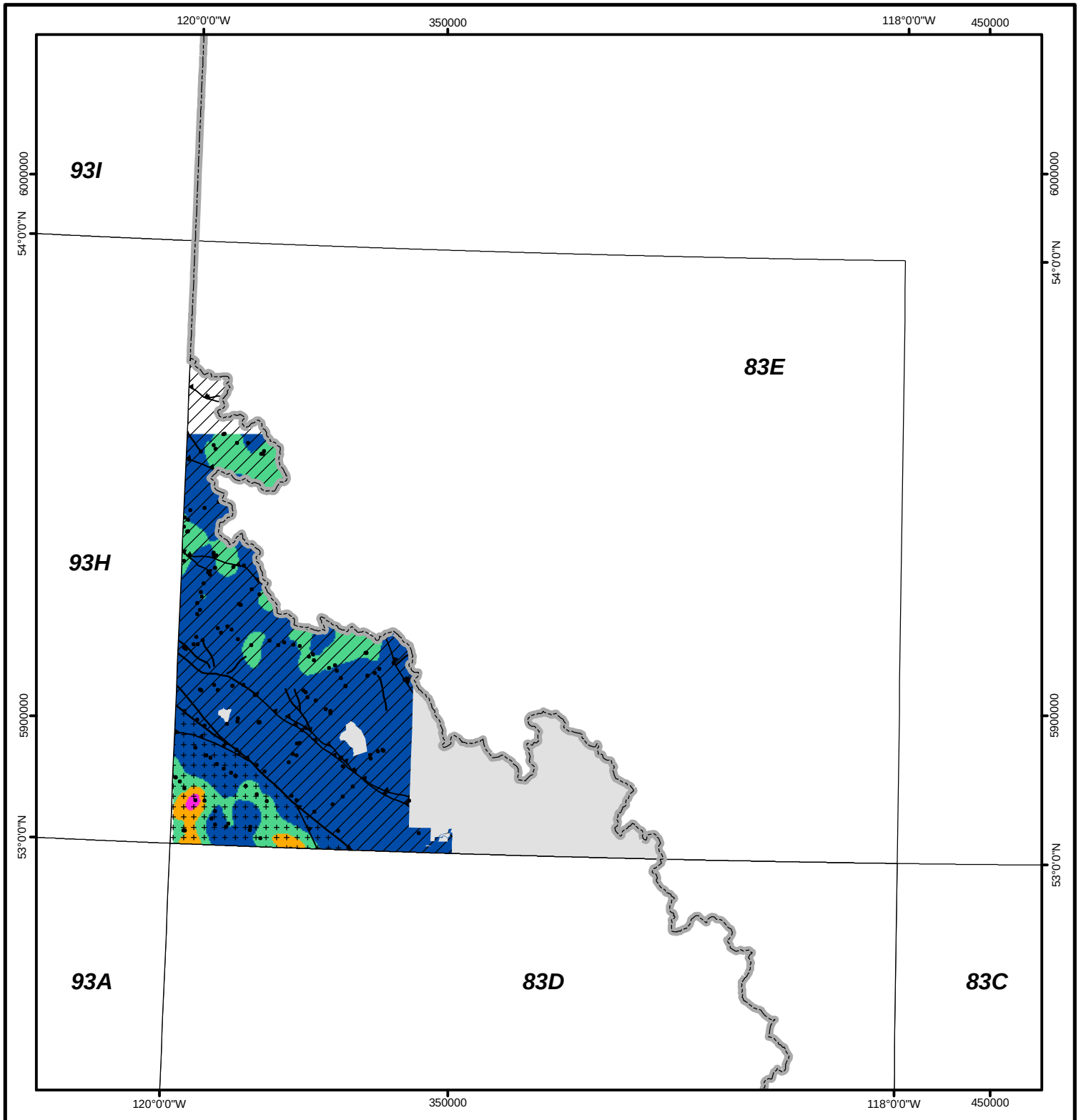
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

INAA: Cs (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-51	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Cr (ppm)

- > 135
- 105 - 135
- 75 - 105
- < 75

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

N

0 10 20 km

NAD83 UTM Zone 11N

GEOSCIENCE BC

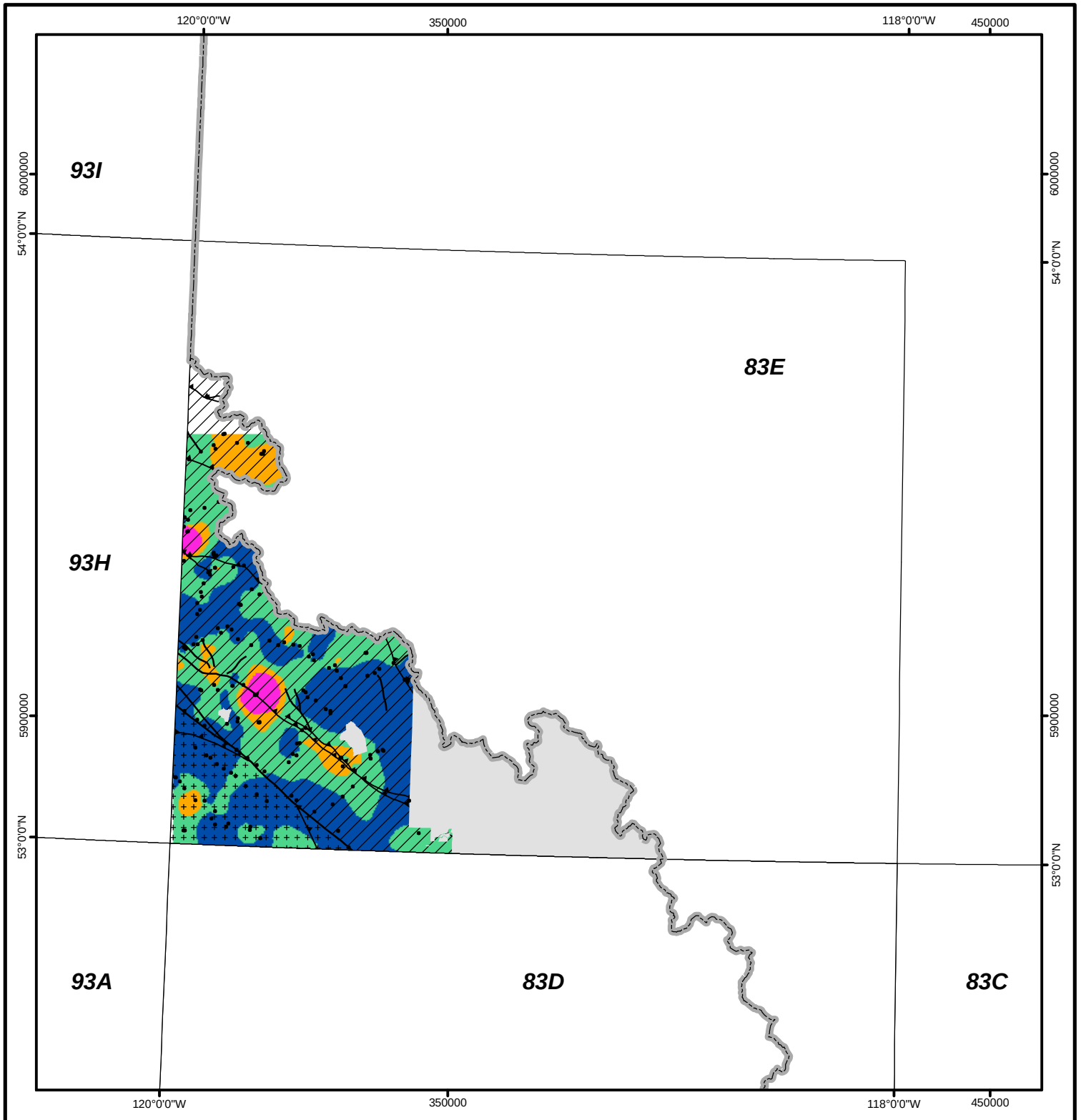
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

INAA: Cr (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-52	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Co (ppm)

- > 24
- 19 - 24
- 14 - 19
- < 14

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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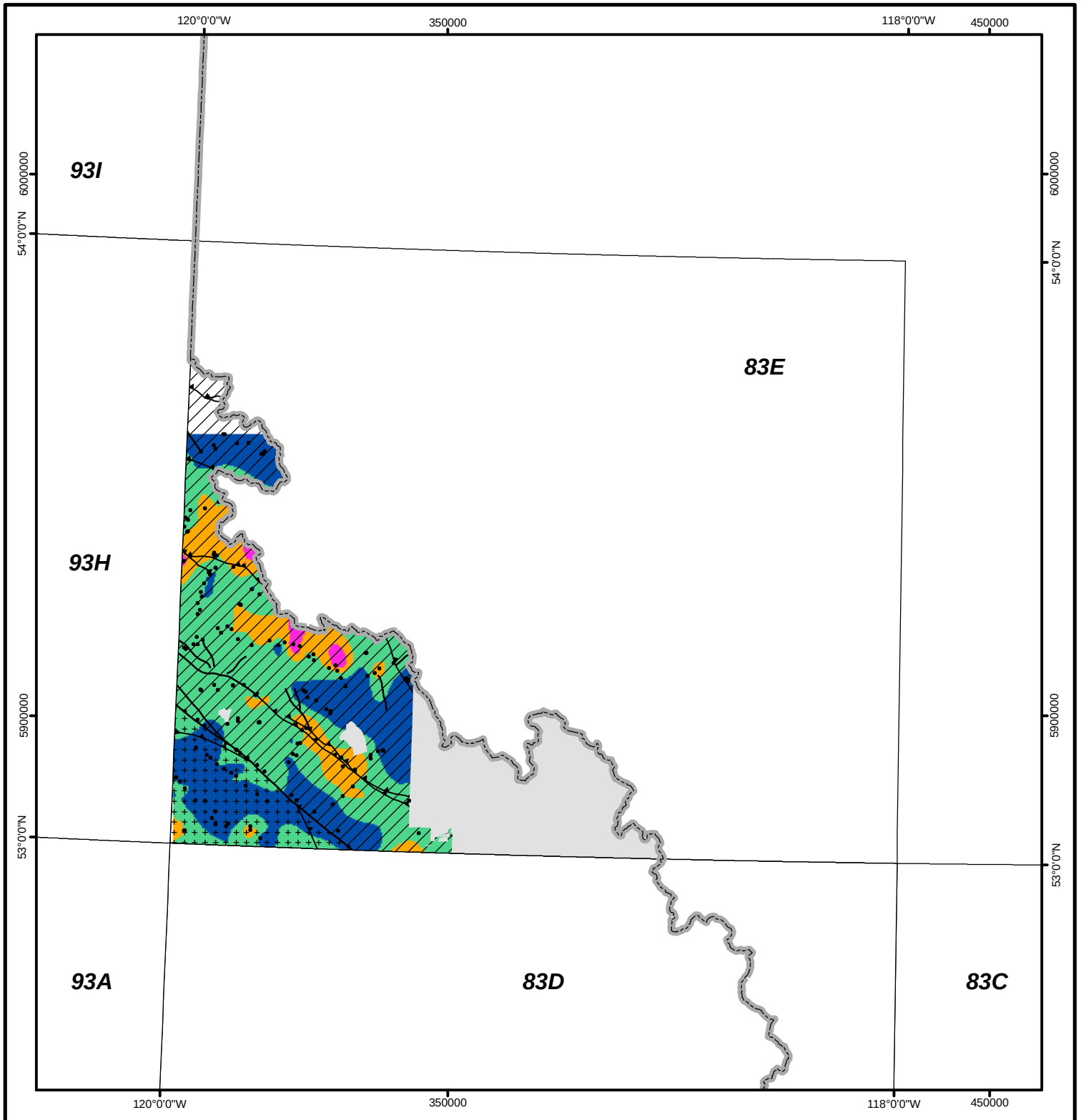
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

INAA: Co (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-53	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Eu (ppm)

- > 3.9
- 2.9 - 3.9
- 1.9 - 2.9
- < 1.9

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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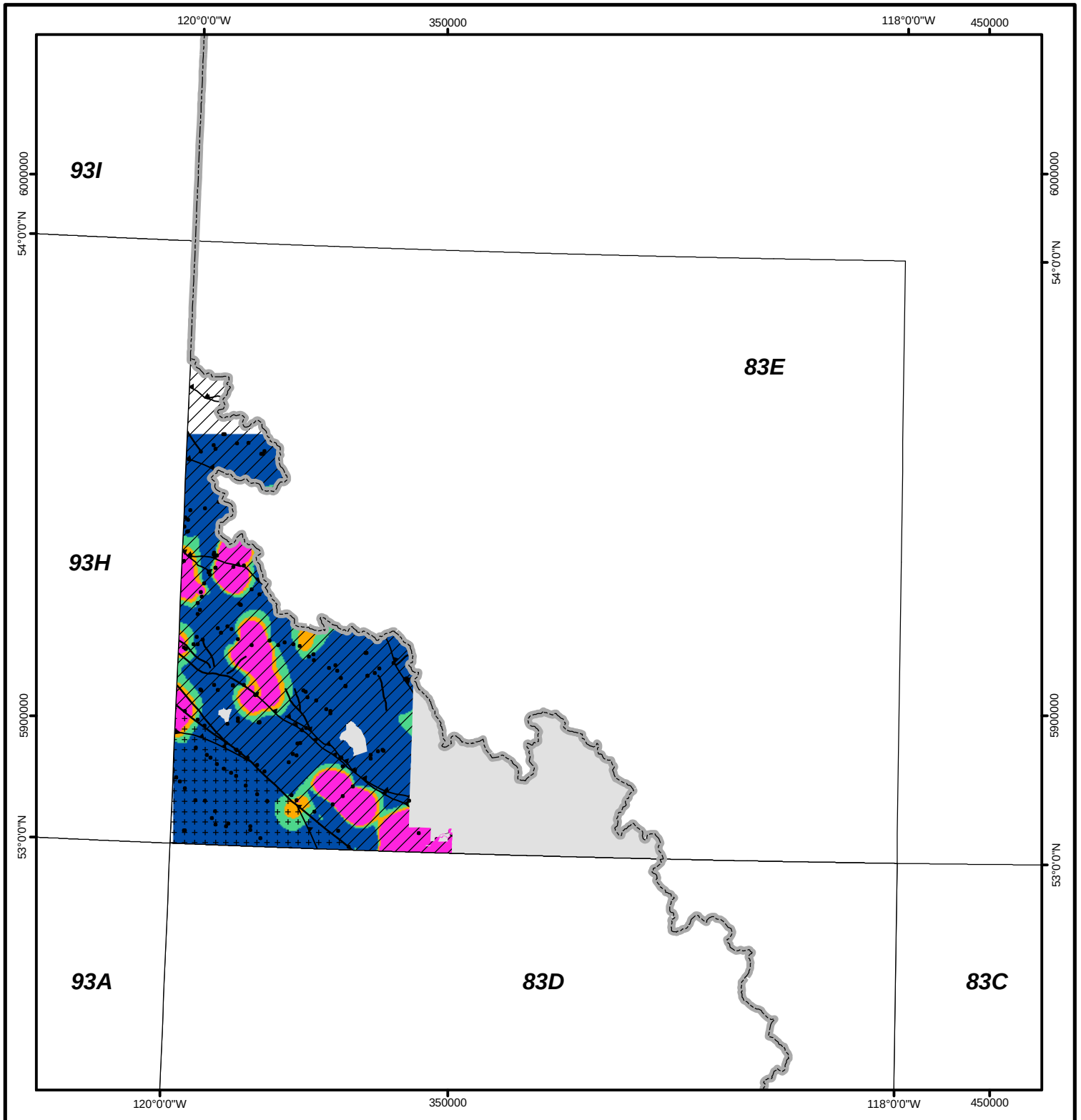
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

INAA: Eu (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-54	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Au (ppb)

- > 8
- 5 - 8
- 2 - 5
- < 2

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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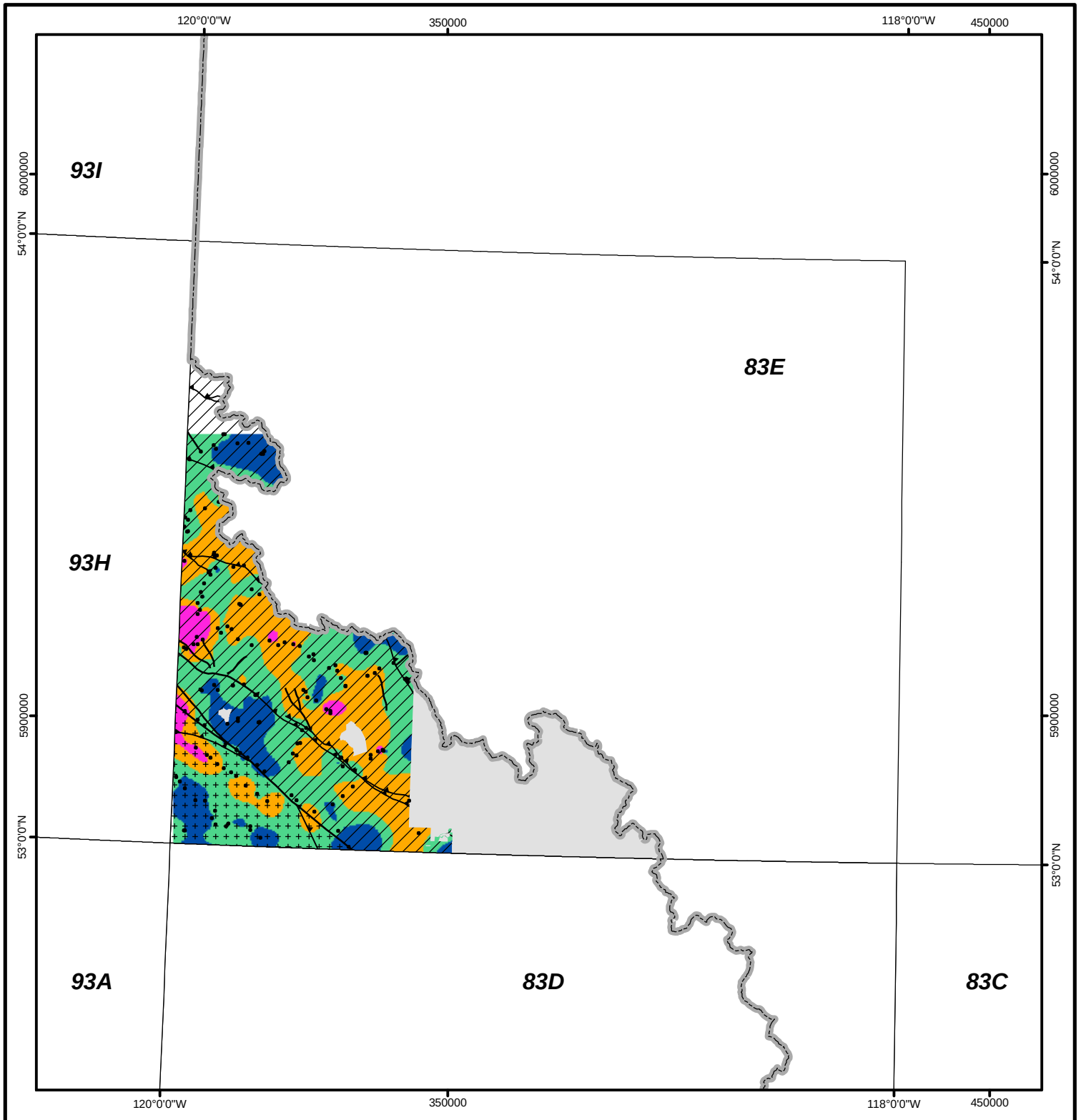
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

INAA: Au (ppb)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-55	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Hf (ppm)

- > 25
- 18 - 25
- 11 - 18
- < 11

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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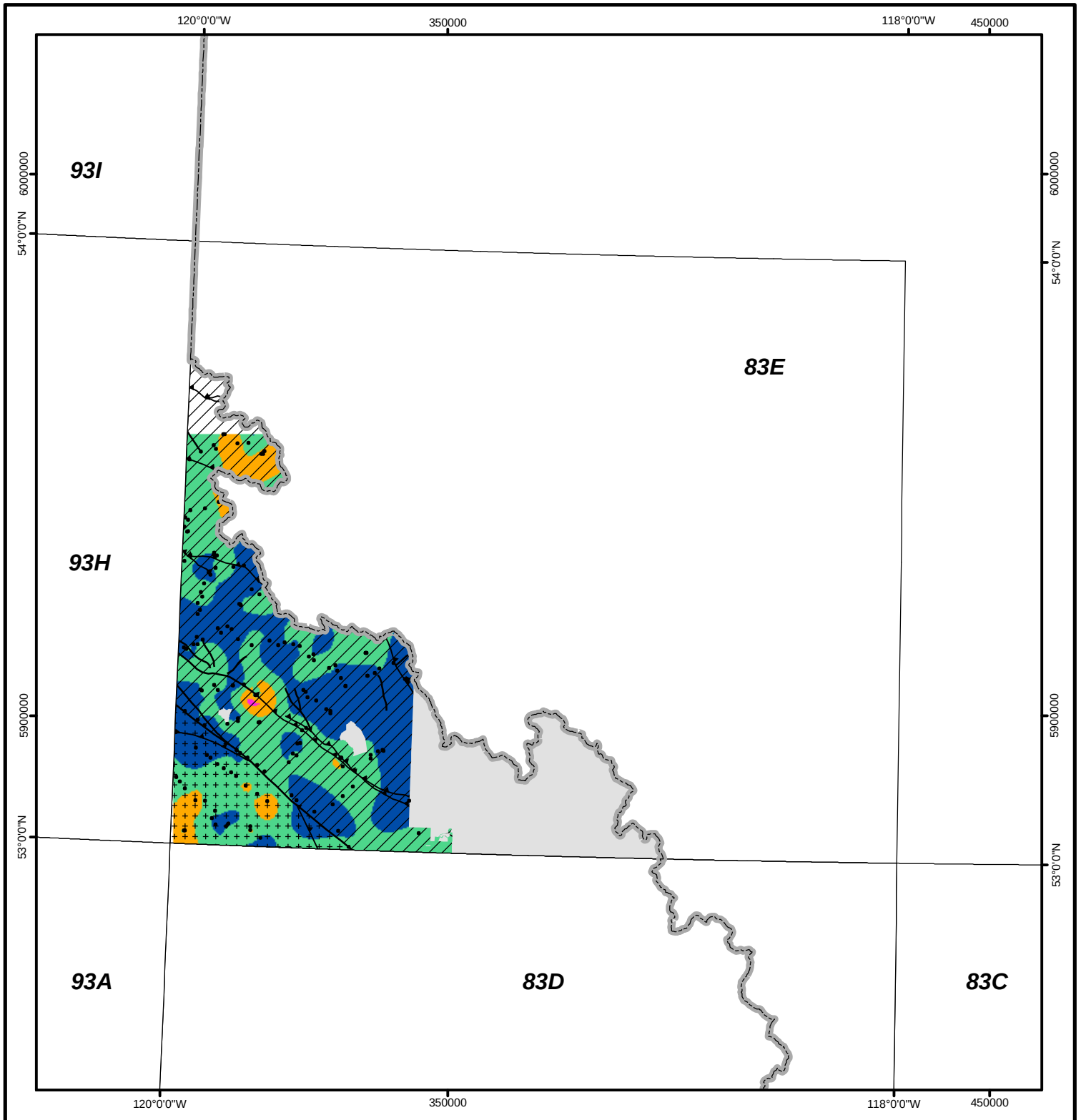
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

INAA: Hf (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-56	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Fe (%)

- > 6.07
- 4.86 - 6.07
- 3.65 - 4.86
- < 3.65

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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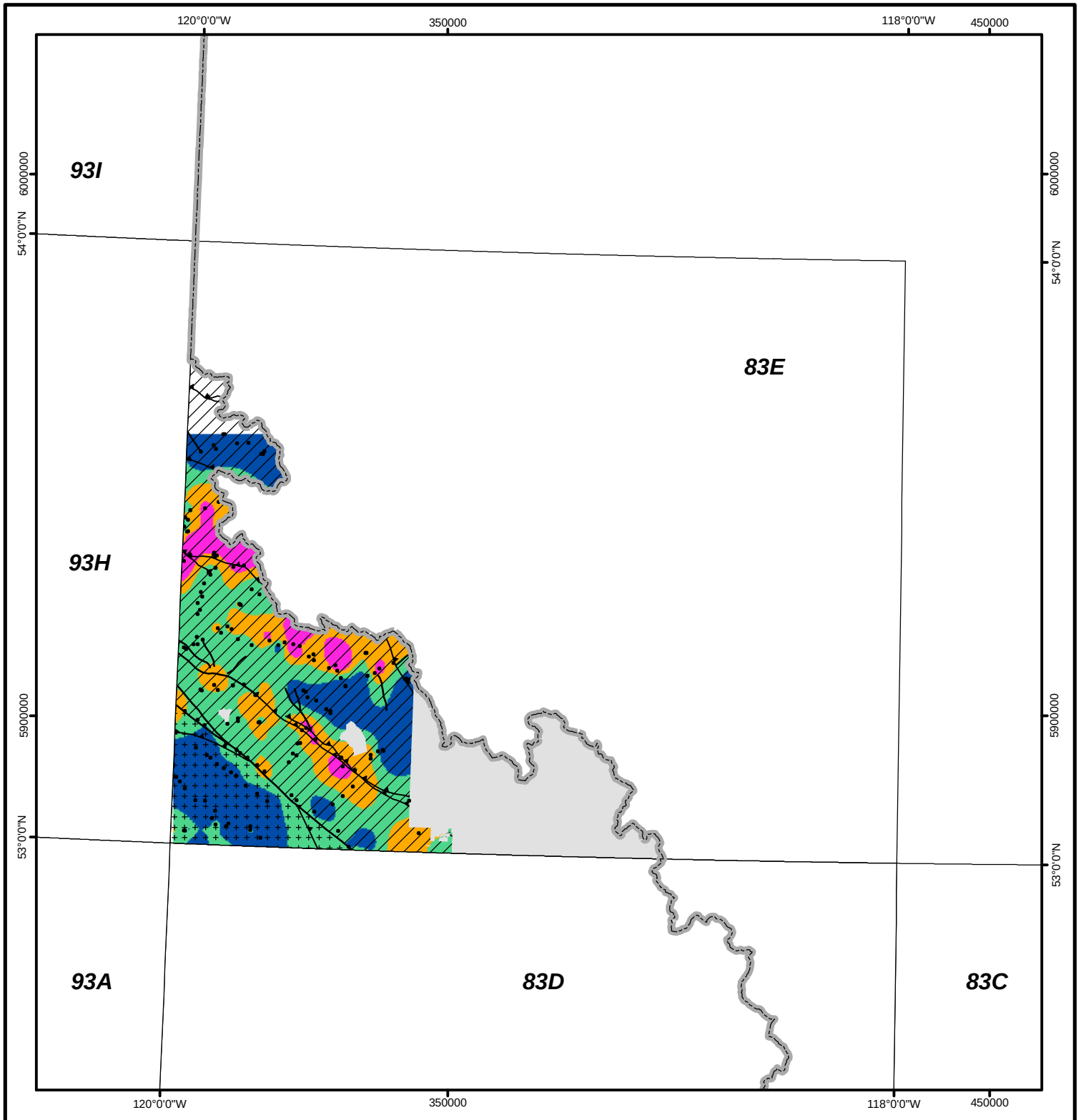
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

INAA: Fe (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-57	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

La (ppm)

- > 180.7
- 131.9 - 180.7
- 83.1 - 131.9
- < 83.1

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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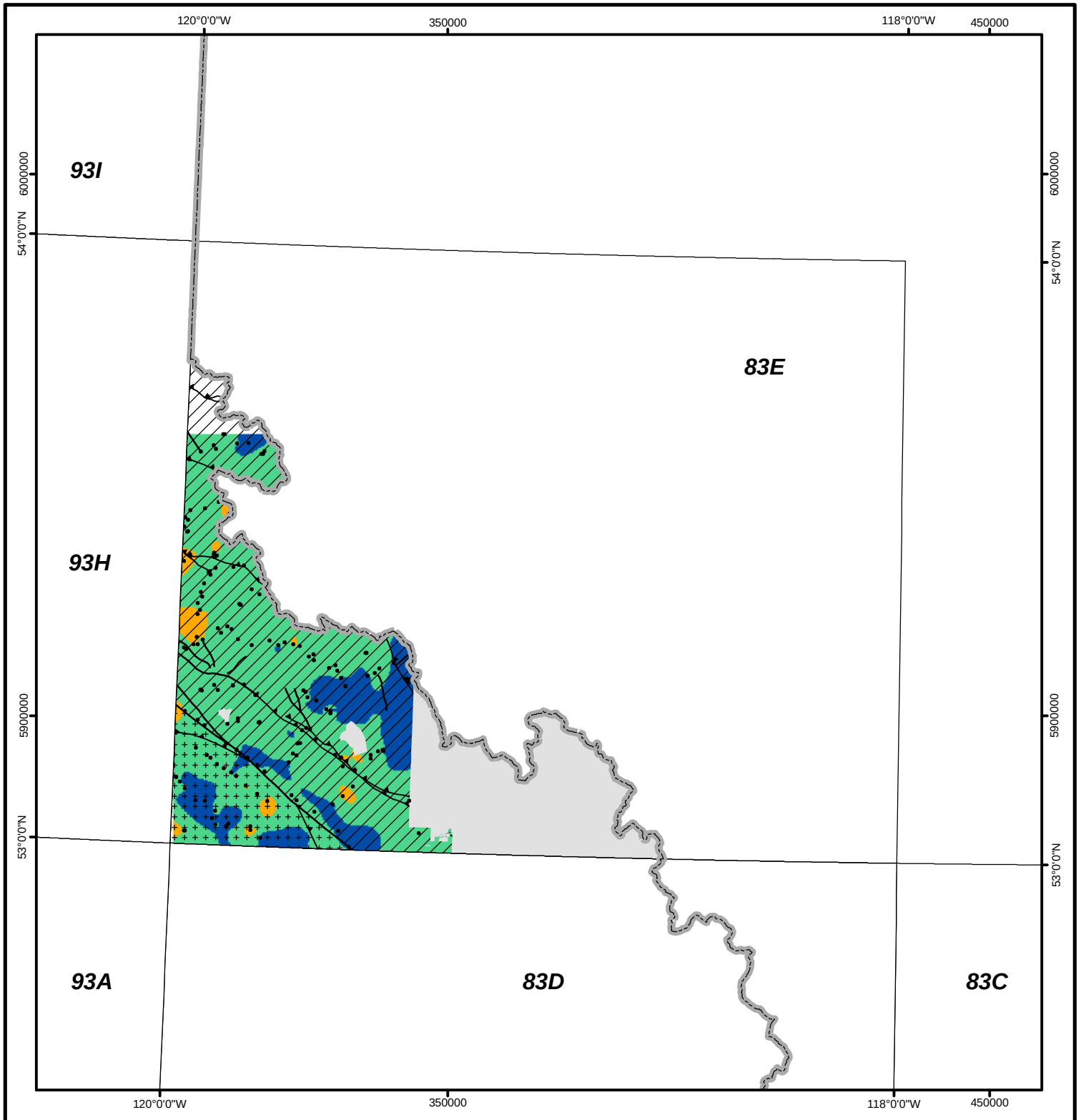
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

INAA: La (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-58	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Lu (ppm)

- > 1.18
- 0.87 - 1.18
- 0.56 - 0.87
- < 0.56

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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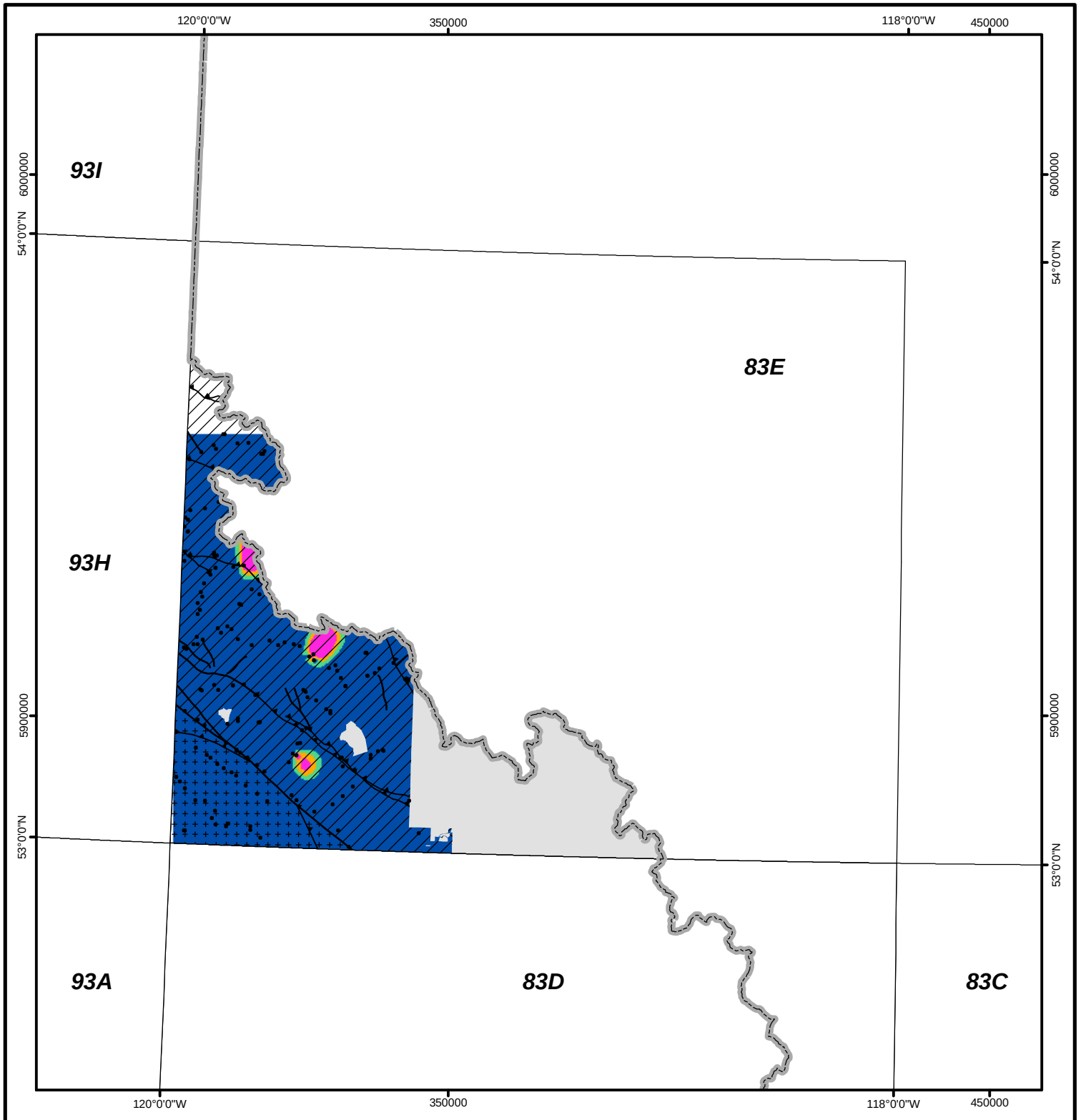
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

INAA: Lu (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-59	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Mo (ppm)

- > 4
- 3 - 4
- 2 - 3
- < 2

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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N

0 10 20 km

NAD83 UTM Zone 11N

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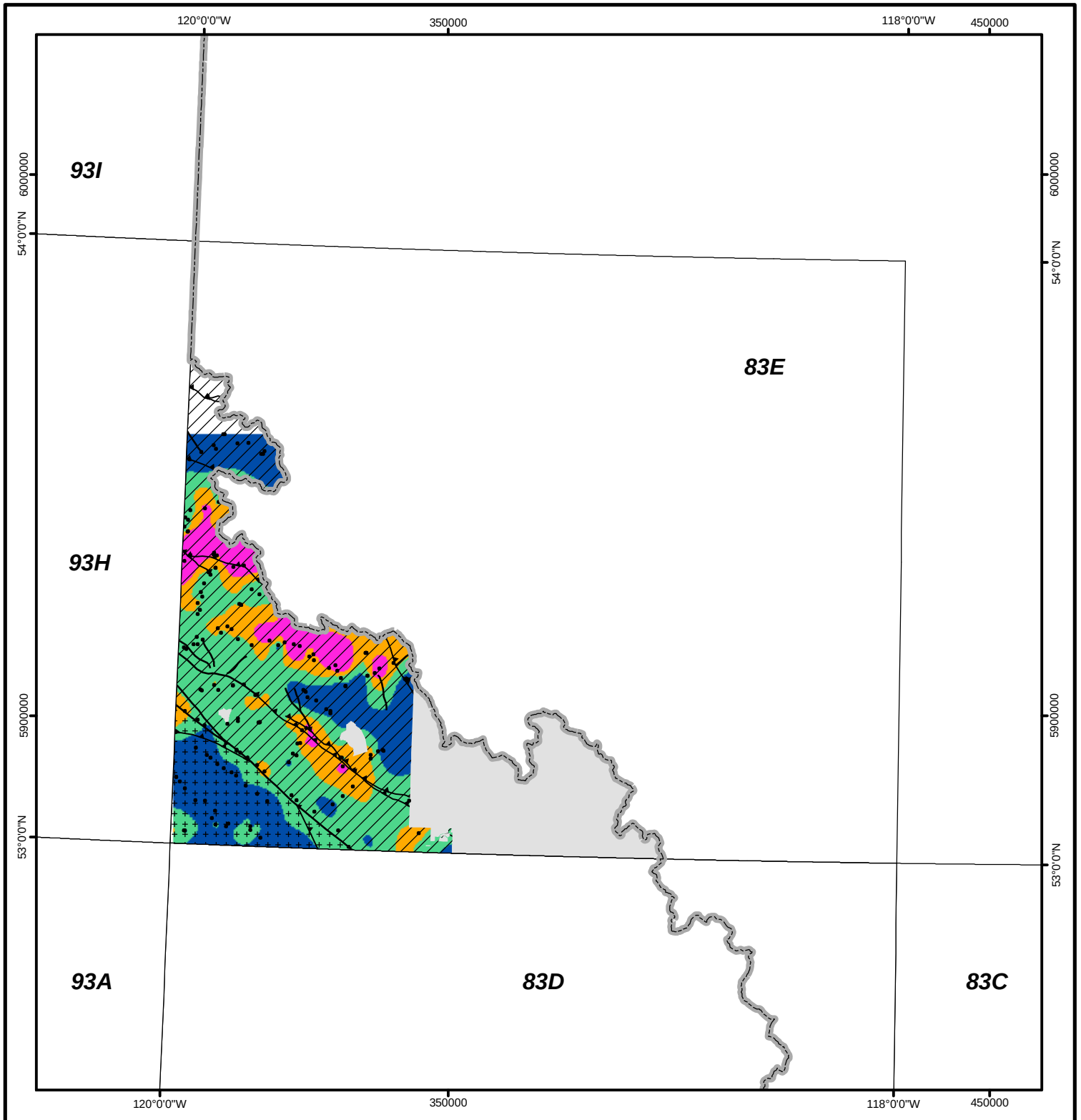
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

INAA: Mo (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-60	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Nd (ppm)

- > 131
- 97 - 131
- 63 - 97
- < 63

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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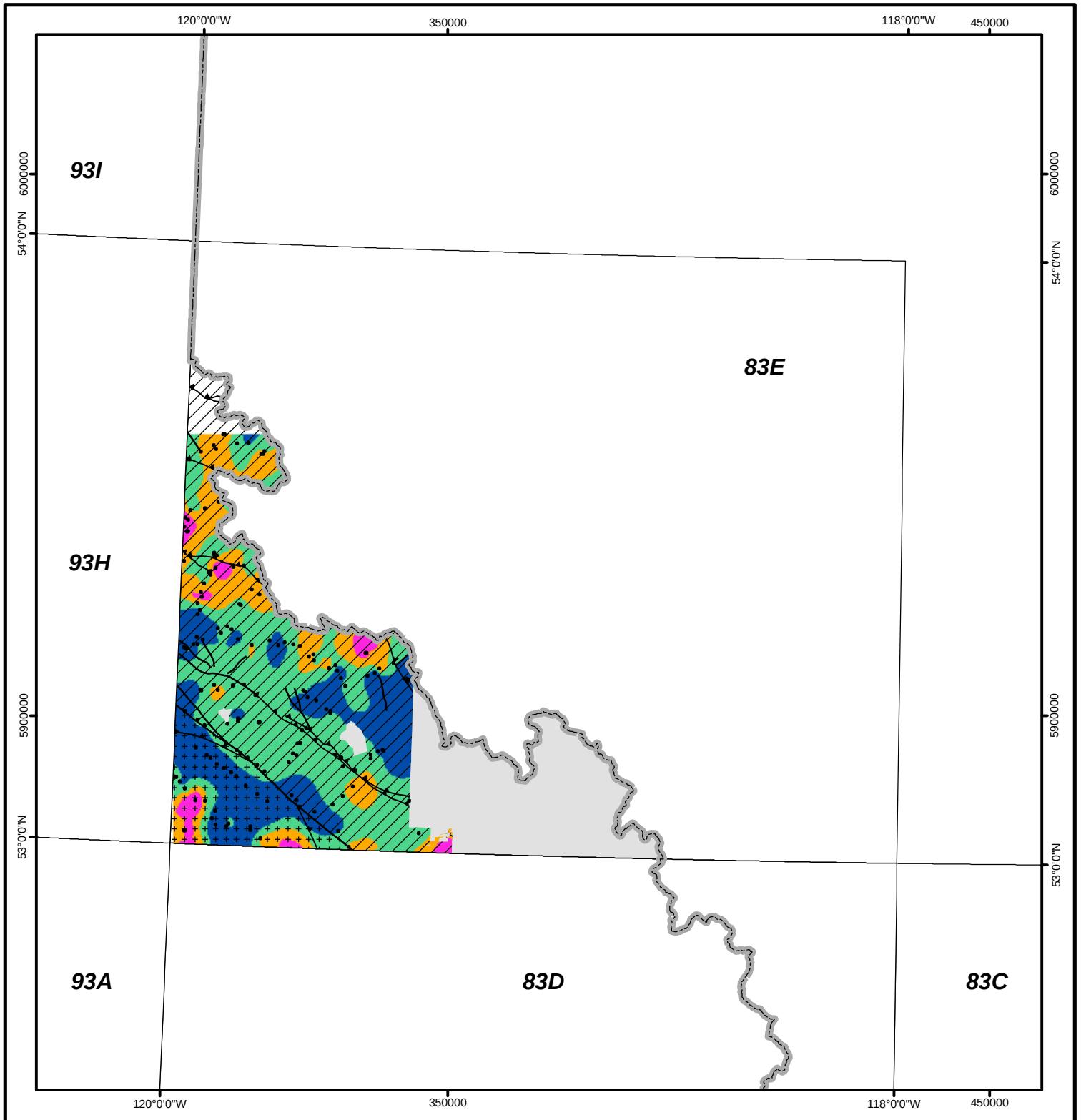
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

INAA: Nd (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-61	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Rb (ppm)

- > 145
- 115 - 145
- 85 - 115
- < 85

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

GEOSCIENCE BC

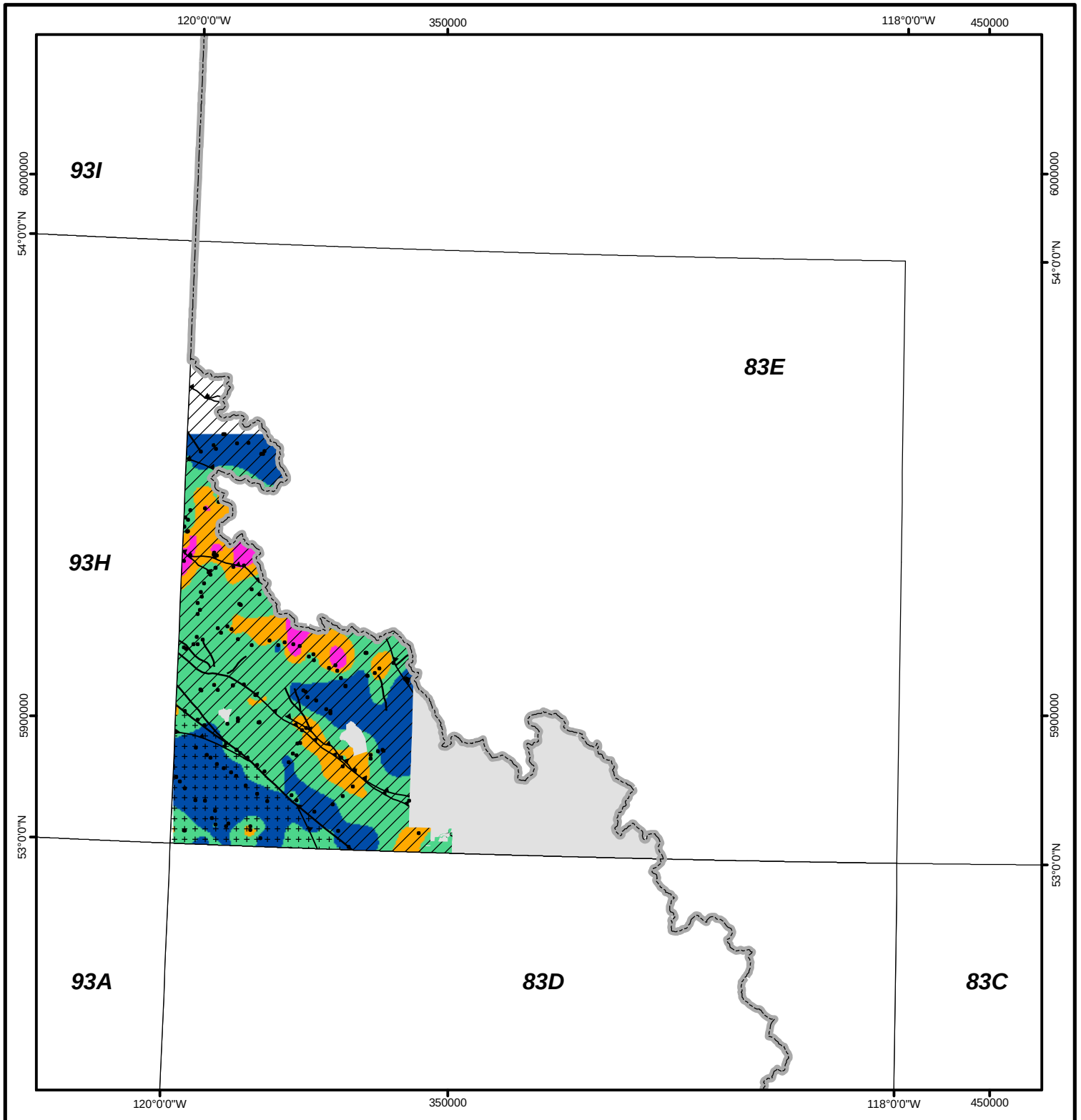
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

INAA: Rb (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-62	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Sm (ppm)

- > 25.0
- 18.3 - 25.0
- 11.6 - 18.3
- < 11.6

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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GEOSCIENCE BC

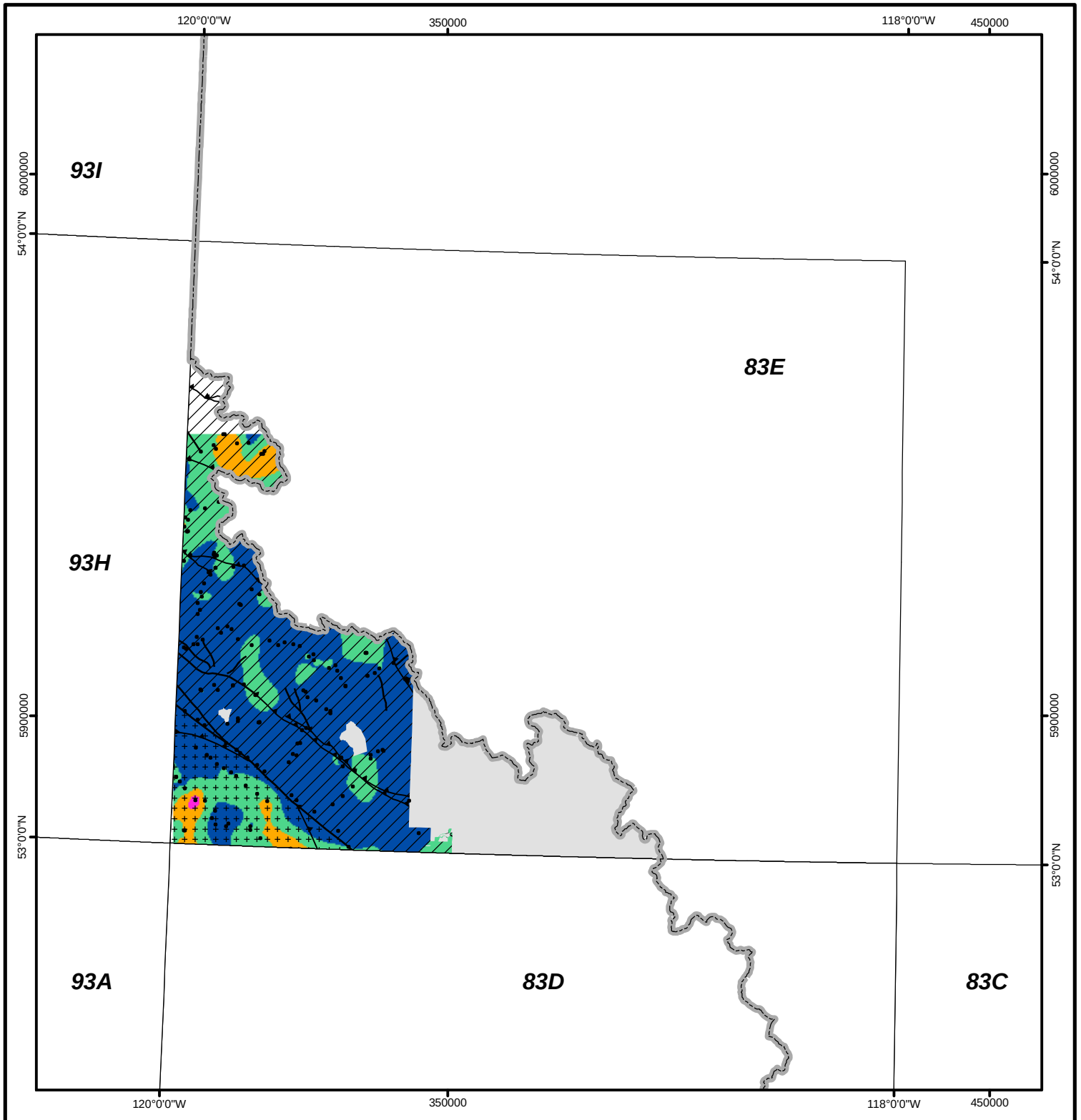
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

INAA: Sm (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-63	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Sc (ppm)

- > 19.7
- 15.5 - 19.7
- 11.3 - 15.5
- < 11.3

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

GEOSCIENCE BC

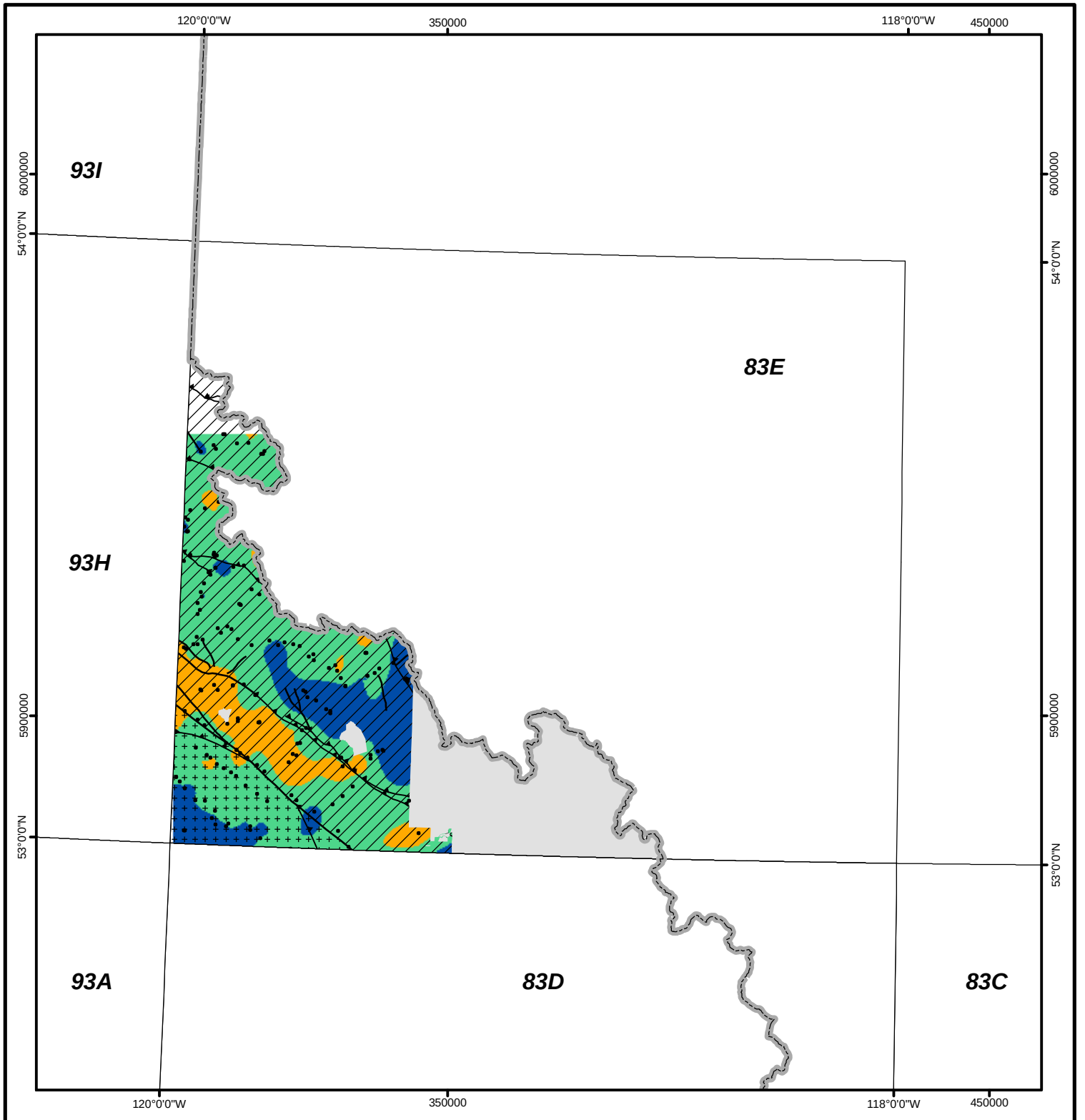
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

INAA: Sc (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-64	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Na (%)

- > 1.70
- 1.28 - 1.70
- 0.86 - 1.28
- < 0.86

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

GEOSCIENCE BC

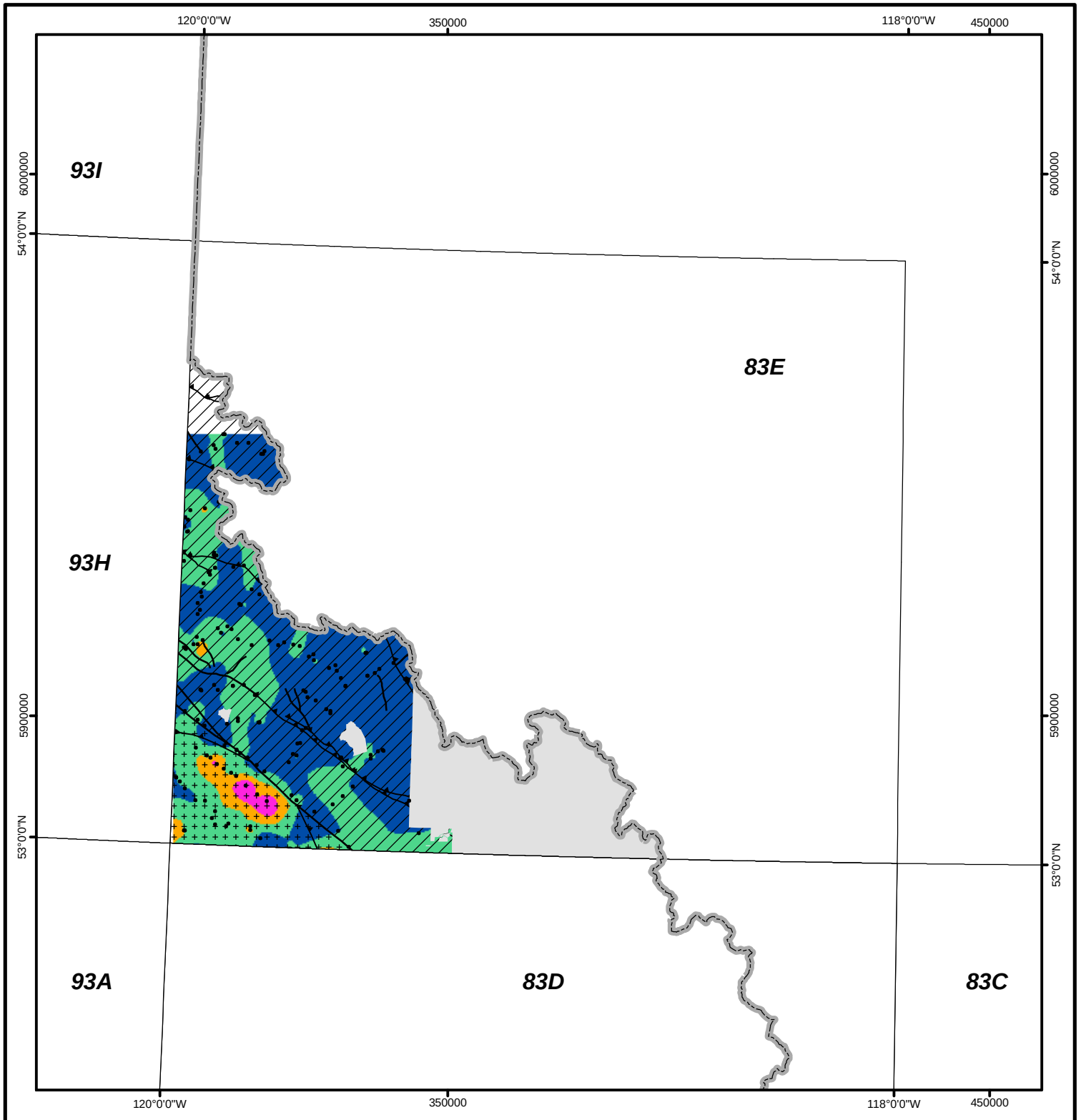
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

INAA: Na (%)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-65	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Ta (ppm)

- > 3.8
- 2.7 - 3.8
- 1.6 - 2.7
- < 1.6

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

N

0 10 20 km

NAD83 UTM Zone 11N

GEOSCIENCE BC

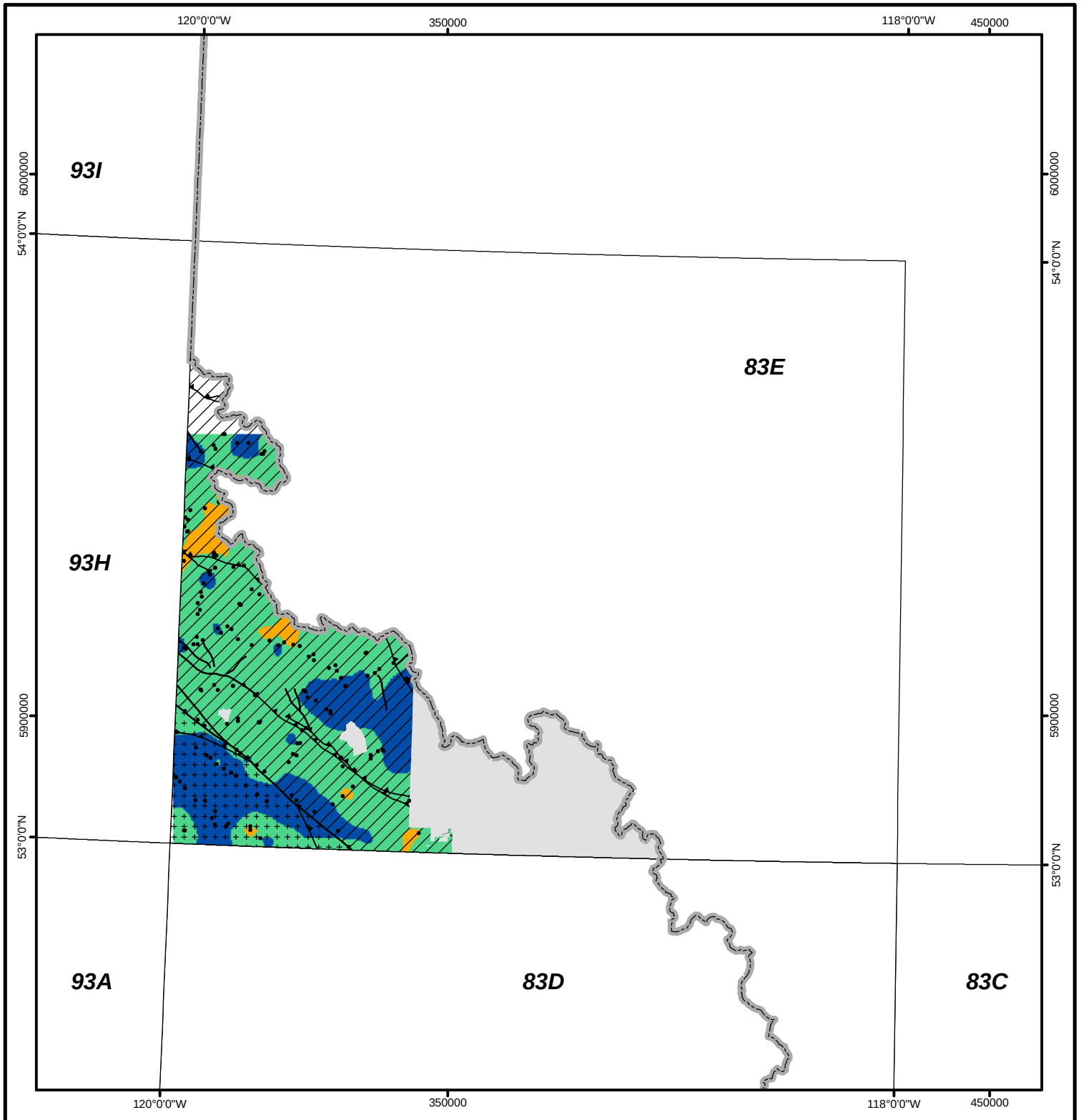
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

INAA: Ta (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-66	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Tb (ppm)

- > 2.9
- 2.1 - 2.9
- 1.3 - 2.1
- < 1.3

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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GEOSCIENCE BC

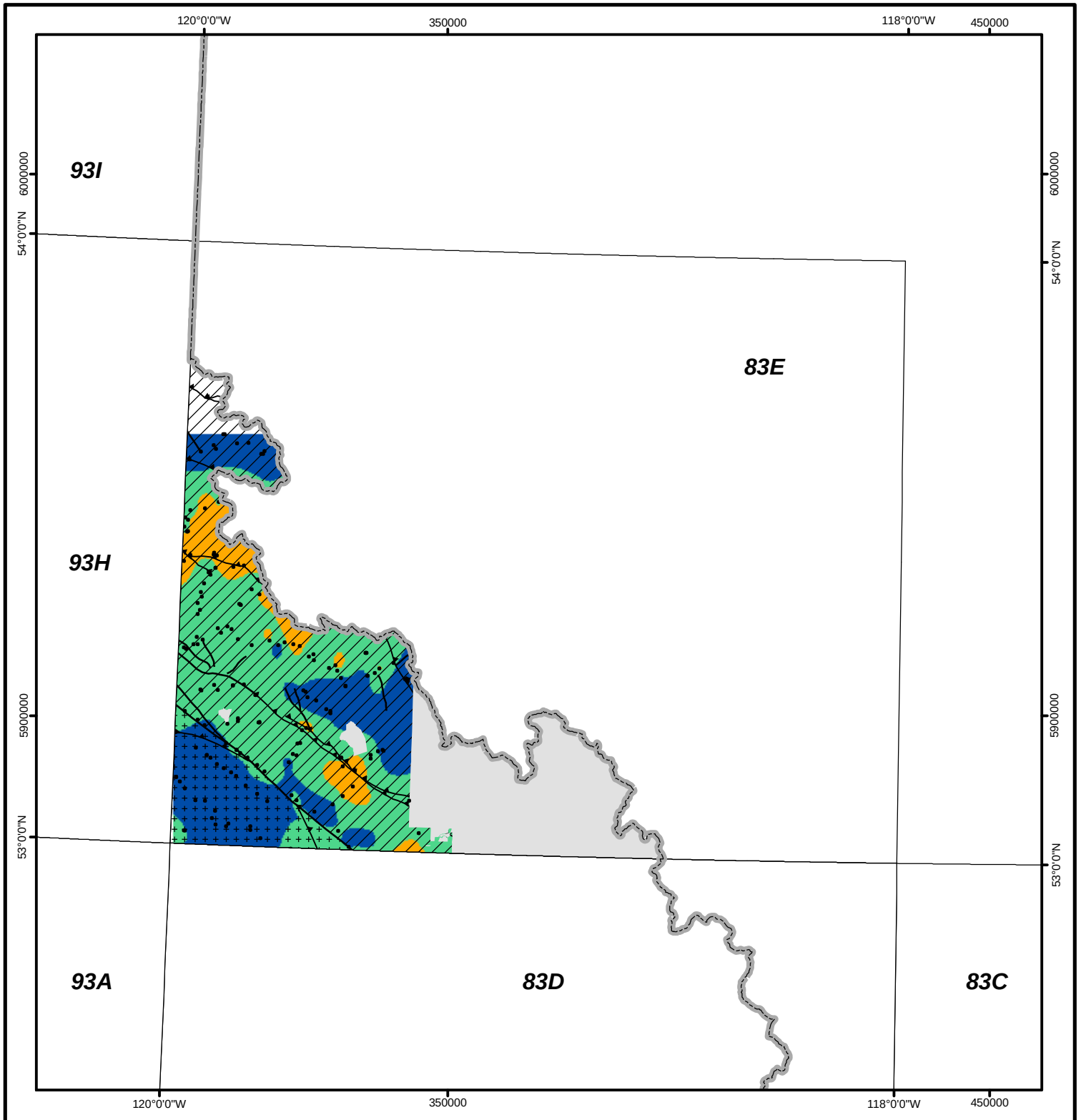
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

INAA: Tb (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-67	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Th (ppm)

- > 45
- 33 - 45
- 21 - 33
- < 21

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
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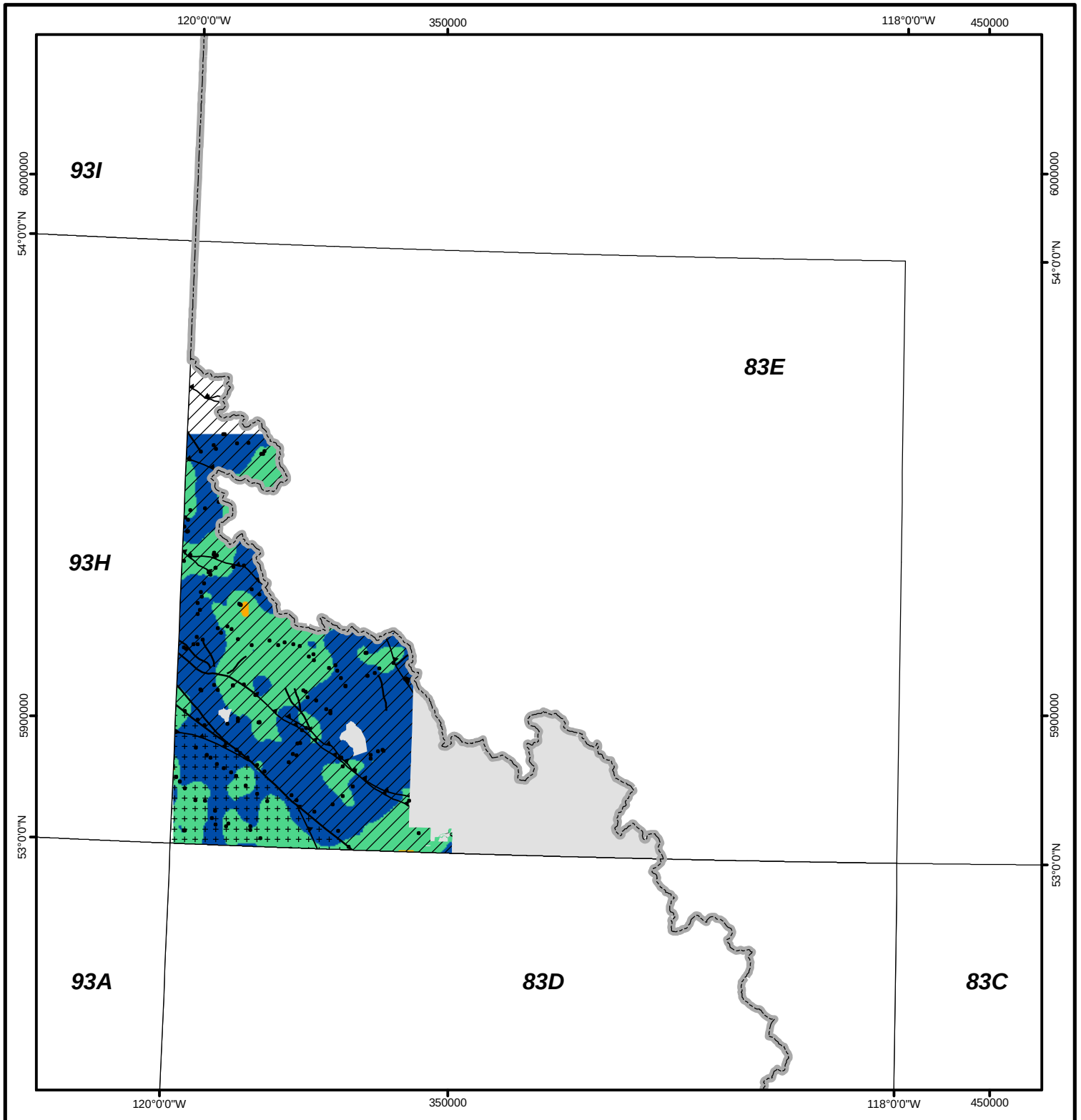
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

INAA: Th (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-68	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

W (ppm)

- > 6
- 4 - 6
- 2 - 4
- < 2

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

GEOSCIENCE BC

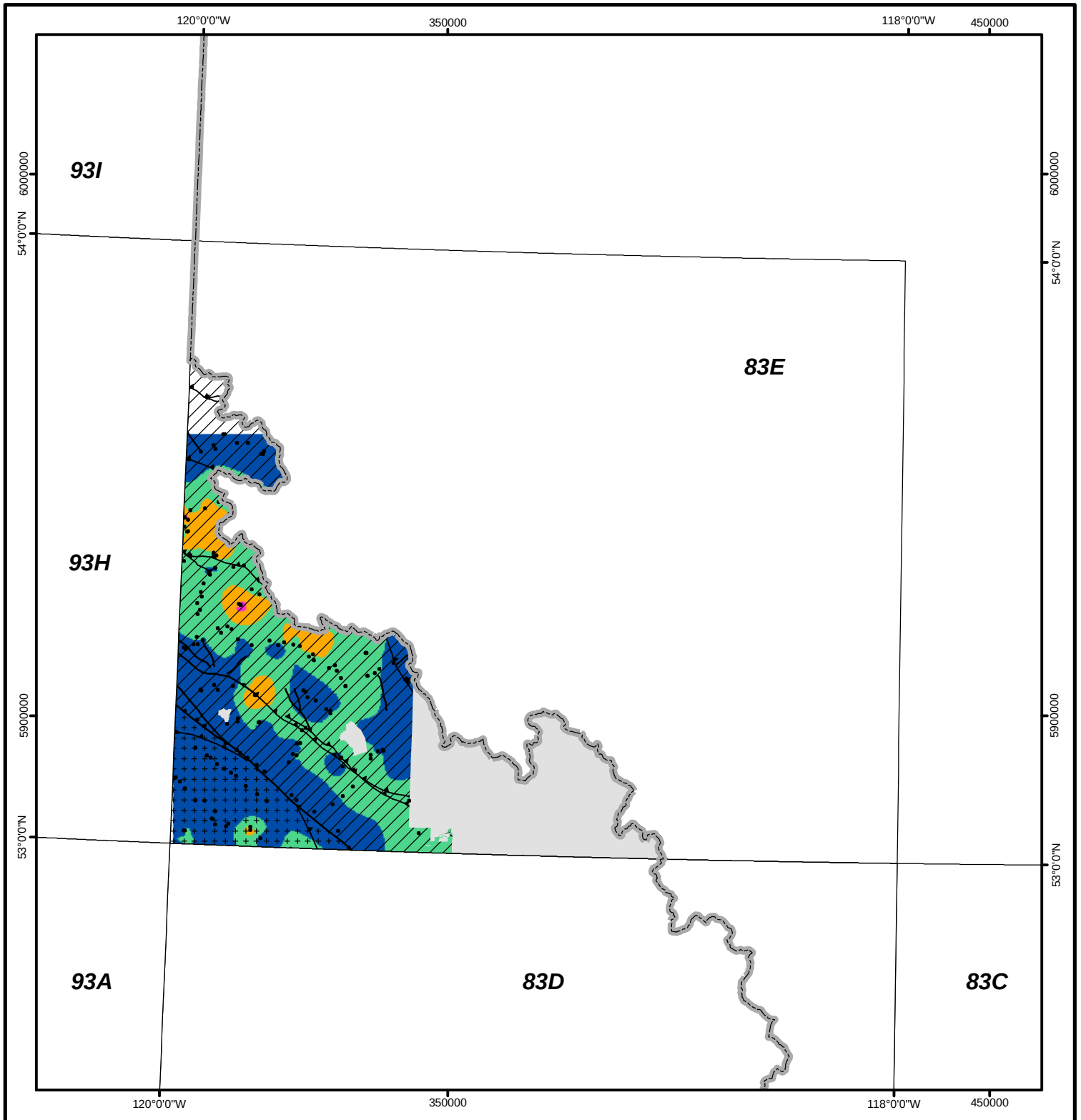
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

INAA: W (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-69	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

U (ppm)

- > 12.9
- 9.3 - 12.9
- 5.7 - 9.3
- < 5.7

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

N

0 10 20 km

NAD83 UTM Zone 11N

GEOSCIENCE BC

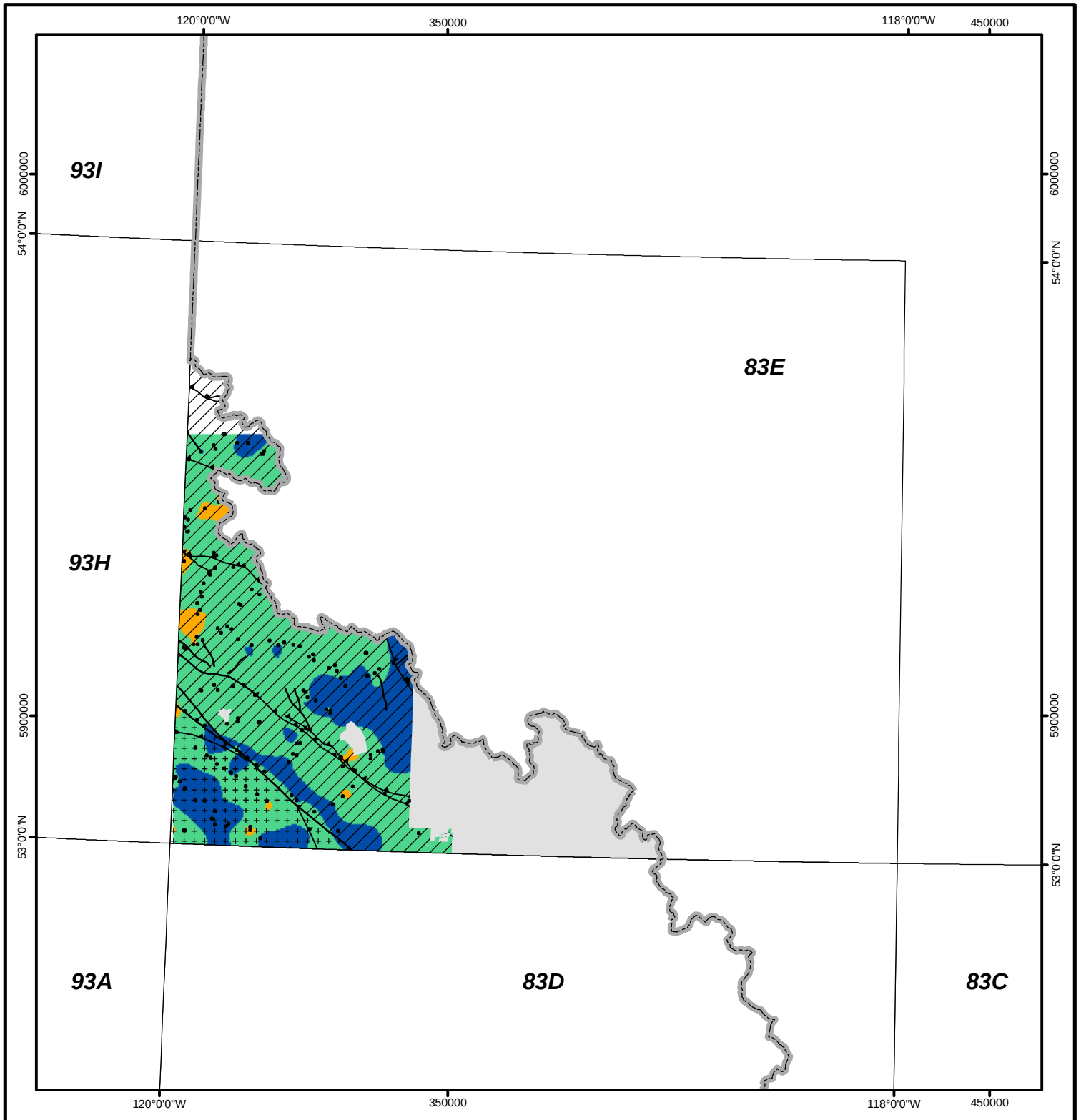
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

INAA: U (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-70	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Yb (ppm)

- > 7.6
- 5.6 - 7.6
- 3.6 - 5.6
- < 3.6

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
Massey, N.W.D., MacIntyre, D.J., Desjardins, P.J., and Cooney, R.T. (comp.)
Open File 2005-1, January 2005

GEOSCIENCE BC

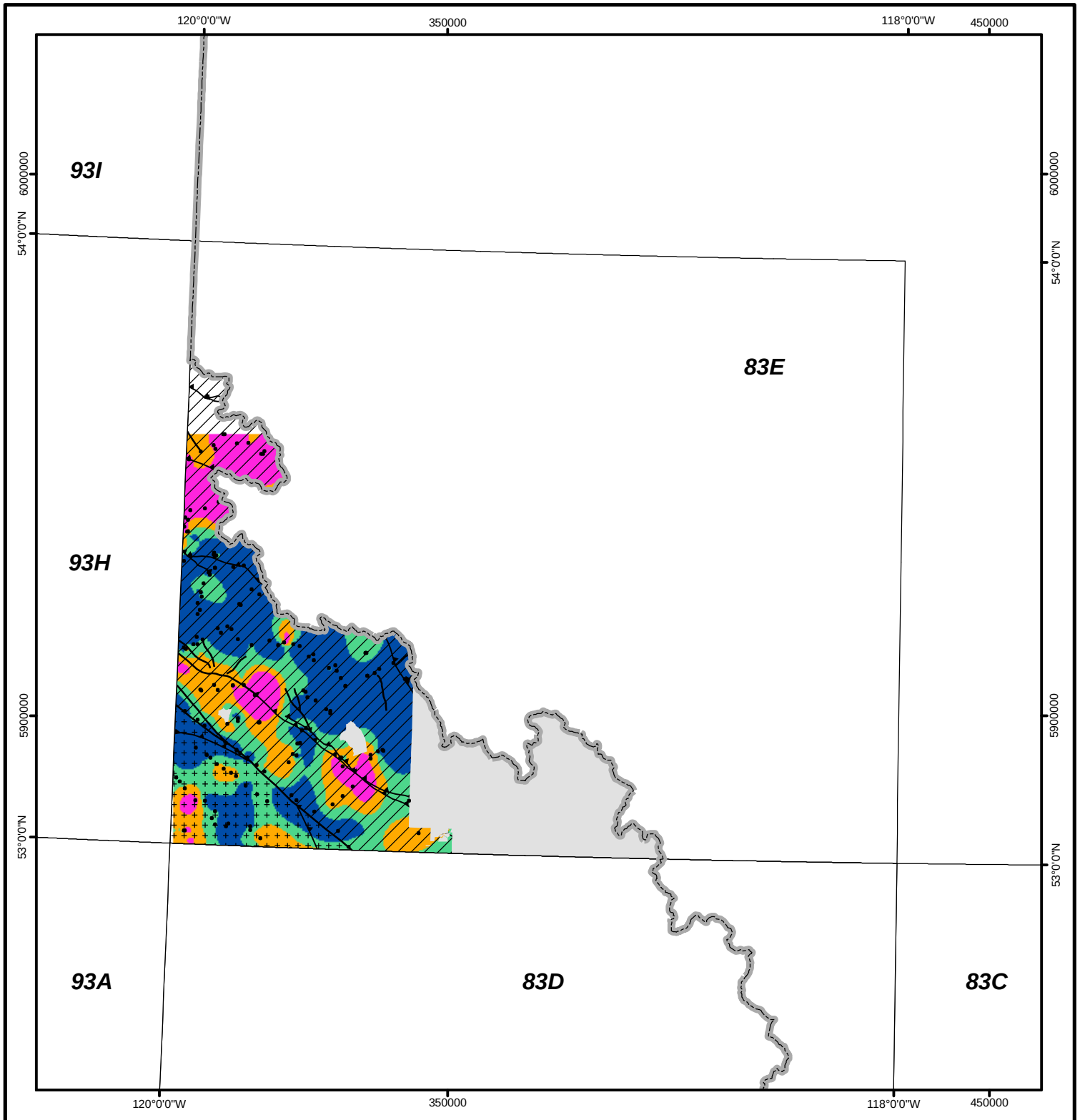
SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

INAA: Yb (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-71	Date:	March 2006

CME



LEGEND

Symbols

- Sample site
- BC-Alberta border
- Park
- Normal fault
- Thrust fault

83C NTS 1:250K mapsheet with labels

Terrane

- Cariboo/Cassiar
- Kootenay
- North America
- Post Accretionary

Sample Results

Zn (ppm)

- > 106
- 77 - 106
- 48 - 77
- < 48

N

0 10 20 km

NAD83 UTM Zone 11N

Geology after: BC Ministry of Energy, Mines and Petroleum Resources
Digital Geology Map of British Columbia
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Open File 2005-1, January 2005

GEOSCIENCE BC

SEDIMENT GEOCHEMICAL PLAN MAP
Mapsheet 83E

INAA: Zn (ppm)

British Columbia Regional Geochemistry Survey 2005

Project No:	P61	By:	EM/CN
Scale:	1:1,000,000	Map No:	83E
Figure:	83E-72	Date:	March 2006

CME