BRITISH COLUMBIA
PROSPECTORS ASSISTANCE PROGRAM
MINISTRY OF ENERGY AND MINES
GEOLOGICAL SURVEY BRANCH

PROGRAM YEAR:	1999/2000
REPORT #:	PAP 99-16
NAME:	KIM ANSCHETZ

PROSPECTORS REPORT
on the
99 LOUIS BOSSHART PROJECT
(99 LB Grid)

Greenwood Mining Division
British Columbia

North Latitude 49° 22'   West Longitude 118° 55'

NTS 082E /7

Prepared for
Prospectors Assistance Program

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V0H 1Y0

January 2000

PROSPECTORS REPORT
99 LB GRID

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APPLICATION

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GOVERNMENT AGENT
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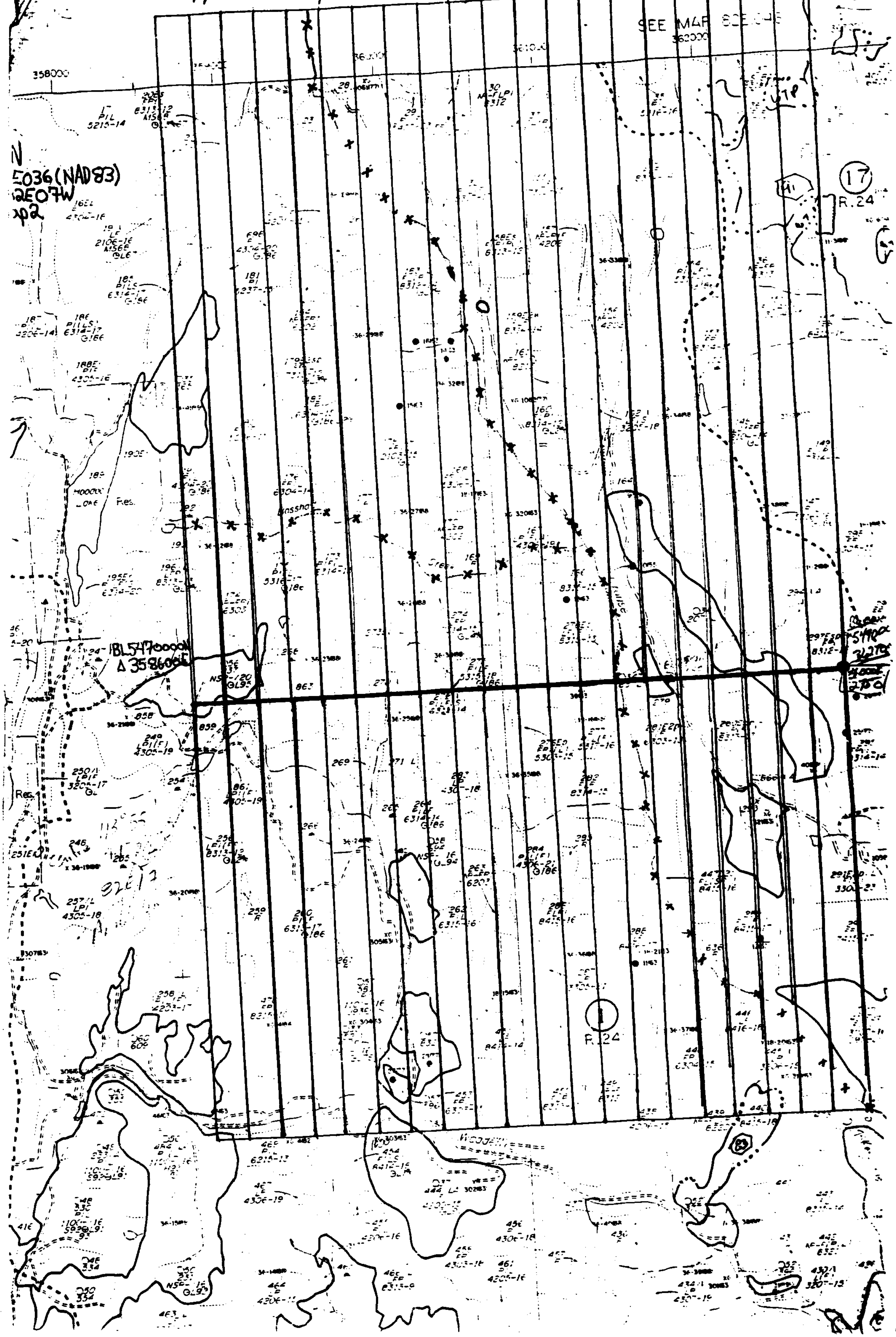
MAPS IN POCKET

Application map



99 LOUIS BOSSHART PROJECT

SUMMARY

This report pertains to the 1999 Prospectors Assistance Program Reference Number 99/2000 P36 to partially assess the precious and base metal potential of the 99 Louis Bosshart Project area, located in south-central British Columbia. The centre of the 99 Louis Bosshart Project is located at approximately 49 22' Latitude and 118 55' Longitude and can be found on the NTS Mapsheet 82E/7. The 99 Louis Bosshart is generally underlain by metasediments and metavolcanics of the Upper Paleozoic Anarchist Group; granodiorite and diorite of the Jurassic Nelson intrusions; and andesites, tuffs and conglomerates of the Eocene age.

Exploration targets included copper/gold skarns and precious metal mineralization associated with quartz veins and shear zones. Continued exploration efforts should include investigating the anomalous stream sediment and rock outcrop samples with follow-up geochemical and geophysical programs

1.0 INTRODUCTION

1.1 LOCATION, ACCESS and PHYSIOGRAPHY

The 99 Louis Bosshart Project property is located in south central British Columbia. The project is centered approximately 22 km north of the village of Westbridge along the Christian Valley road between the Kettle River and Hoodoo Lake, all within the Beaverdell Range. (Figure #1). It is found on NTS Mapsheet 82E/7 at 49 22' Latitude and 118 55' west Longitude.

The property is accessed from the Christian Valley road along the Grouse Creek road that bisects the property from the southeast corner to the northwest corner.

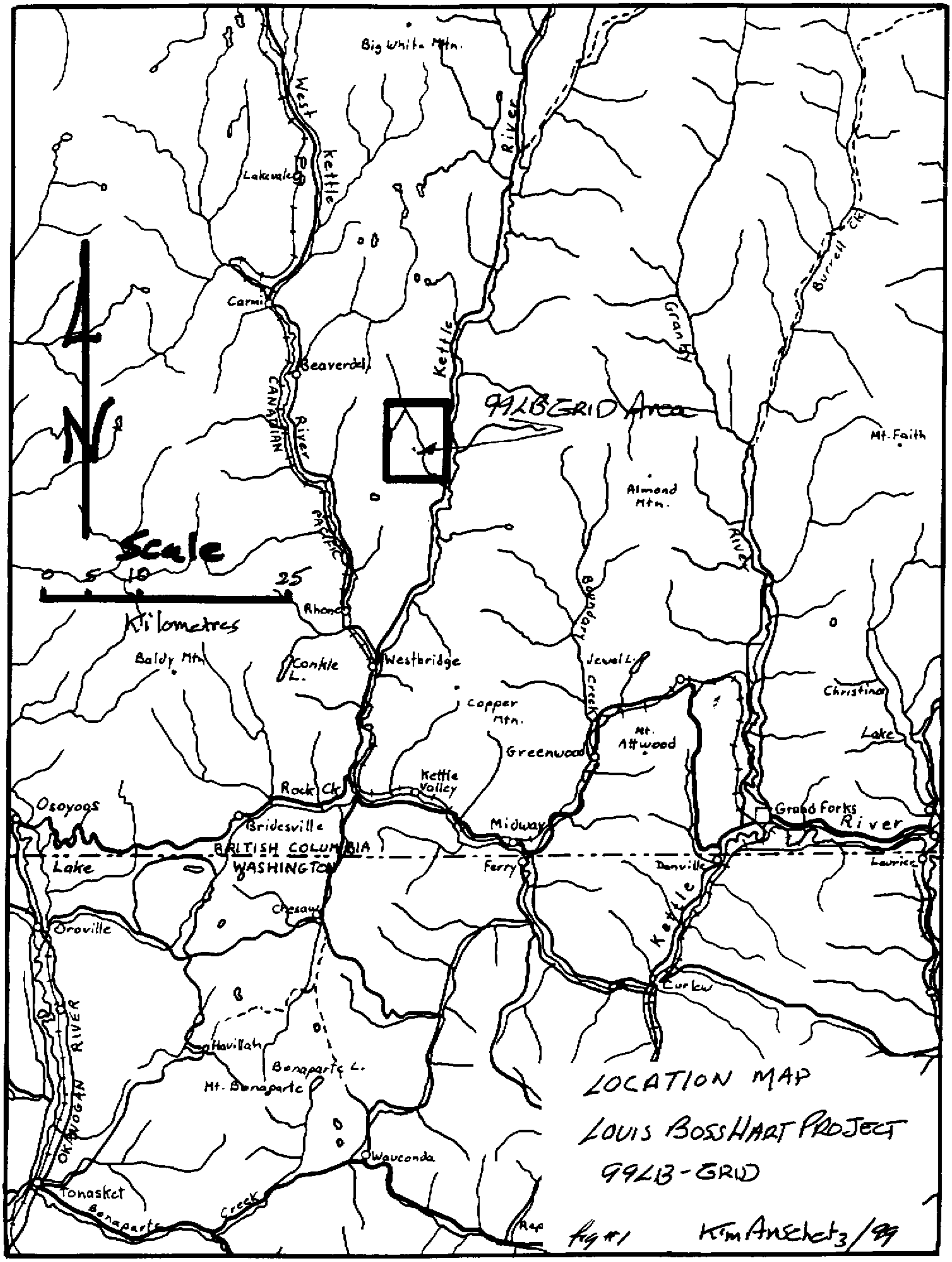
Elevation in the region ranges from 760 metres along Grouse Creek to 1220 metres along the upland plateaus. Topography consists of gently rolling hills in the plateau areas to extremes reliefs in the drainages. Local topography is rugged with heavily forrested, steep cliffs.

1.2 LAND STATUS

No Mineral Tenure is held by the writer of this report in the area investigated under this Propsectors Assistance Program. Mineral Tenure Map 82E/7 indicates the Rose #1 thru #7 two post claims have been located on the west side of the present grid and the twenty unit LARRY Claim lies to the east. Older claim posts were observed during the work program.

1.3 HISTORY

The project area has been explored intermittently since 1878. Silver, gold and copper were discovered in 1896 and surface programs continued up through the 1960's. In 1981 the Rock Creek Joint Venture completed a program of soil sampling, geologic mapping and prospecting.


Big White Mtn.
West Kettle
River
Lakevale
Carmi
Beaverdell
CANADIAN PACIFIC
River
Kettle
99LB GRID Area
Granby
Burrell Ck
Mt. Faith
Almond Mtn.
Boundary Creek
River
Scale
0 5 10 25
Kilometres
Rhone
Baldy Mtn
Conkle L.
Westbridge
Copper Mtn.
Jewel L.
Christina Lake
Mt. Attwood
Greenwood
Rock Ck
Kettle Valley
Osoyoos Lake
Bridesville
Midway
Grand Forks
River
BRITISH COLUMBIA
WASHINGTON
Ferry
Danville
Laurier
Chesaw
Oroville
Kettle
Curlew
OKANOGAN RIVER
Havillah
Bonaparte L.
Mt. Bonaparte
Wauconda
Tonasket
Bonaparte Creek
Rep
LOCATION MAP
LOUIS BOSSHART PROJECT
99LB-GRID
fig #1
Kim Anschutz 3/99

1.4 1999 WORK PROGRAM

The 1999 work program which consisted of 50 field days began May 29, 1999 and ended on October 30, 1999. A 4000 metre baseline was established from which 21 north/south grid lines each measuring 6600 metres in length were set out. Thirty (30) rock chip samples were collected along the grid and of these samples collected, 15 were submitted for assay. Fifty (50) stream sediment samples were also collected during the program and submitted for assay.

Magnetometer readings were obtained from 33.5 kilometres of grid, primarily from the east and west boundaries and the southern half of the grid. The magnetometer program was hampered by extremely wet weather that caused malfunction of the magnetometer equipment. This provided erroneous results which were recorded but have not been included in this report.

2.0 GENERAL GEOLOGY and MINERALIZATION
(Fig #2a, 2b & 2c)

2.1 GENERAL GEOLOGY

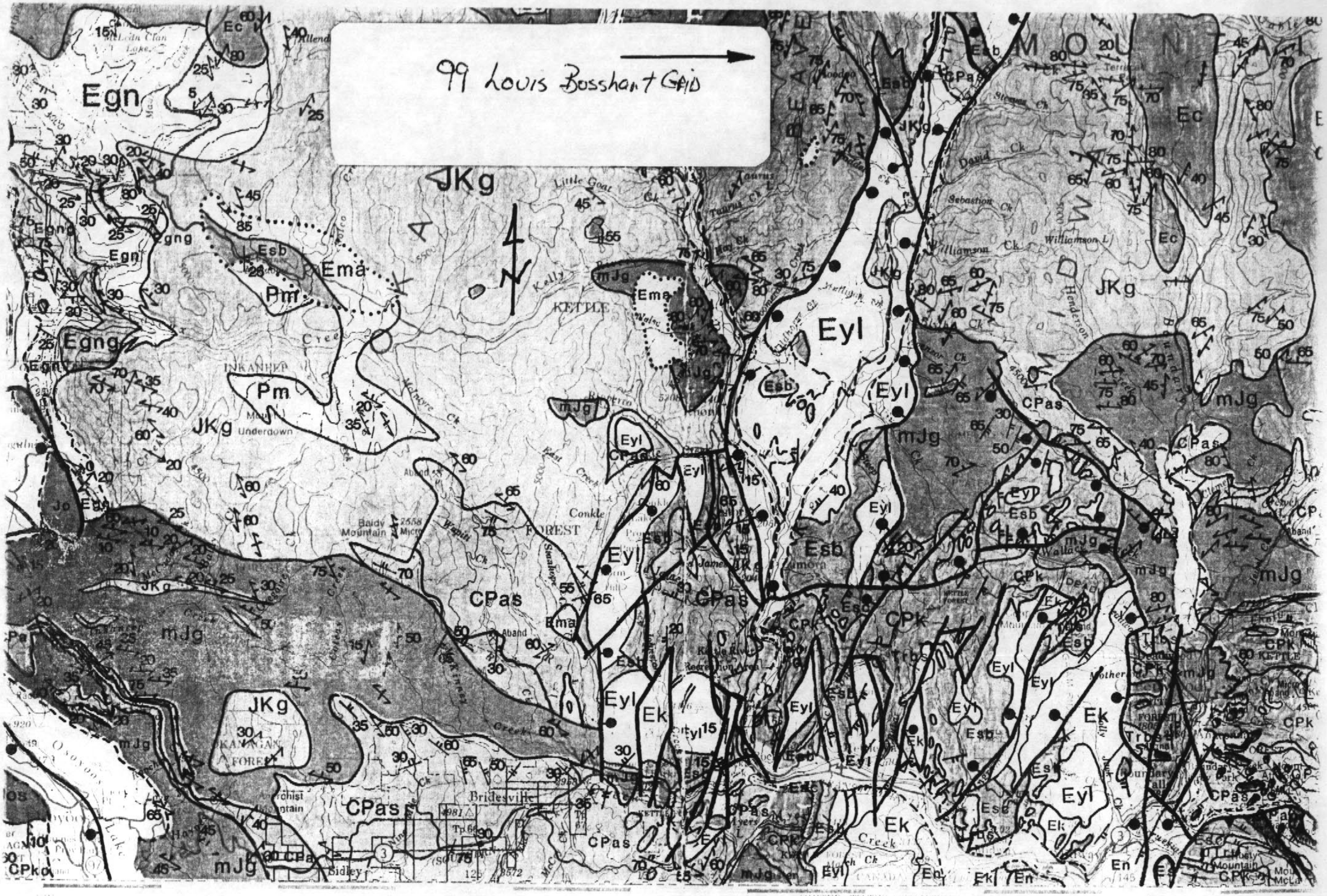
Anarchist Group metasediments and metavolcanics are intruded by small bodies of ultramafic and mafic rocks as well as large bodies of diorite and granodiorite which are part of the Jurassic Nelson intrusions. In turn the older rocks are overlain unconformably by Tertiary age sediments and volcanic flows of the Eocene Penticton Group. Scattered occurrences of disseminated and fracture filling mineralization occurs primarily in the greenstones, including pyrite and chalcopyrite, minor galena and sphalerite, malachite and azurite staining. Massive magnetite with minor copper was also observed within the greenstone sequence. Quartz veins with thin massive sulfide lenses were also noted.

2.2 EXPLORATION TARGETS

1. Steeply dipping, high grade gold bearing quartz veins related to fault zones usually consisting white quartz with minor base metal sulfides.

2. Steep dipping epithermal veins usually silver and gold bearing related to Tertiary volcanism

3. Copper gold skarns hosted by Anarchist Group? rocks near their contact with Nelson intrusives. Skarn mineralization usually forms tabular bodies in both



Map 1736A Geology - Penticton Scale 1:250,000 - FIG. 2A

LEGEND

QUATERNARY

PLEISTOCENE

QPl *LAMBLY CREEK BASALT: rusty weathering black basalt, with hornblende, biotite and pyroxene phenocrysts to 5 mm in an aphanitic black matrix: occurs as columnar jointed flows, a few metres thick above Mesozoic strata, K-Ar age of 0.752 Ma determined by Church, 1981*

TERTIARY

MIOCENE

mTv *PLATEAU BASALT: andesite and basalt with augite and hornblende phenocrysts to 5 mm in a black aphanitic matrix: forms massive flows to 20 m thick: locally underlain by poorly sorted boulder conglomerate and pebbly sandstone: K-Ar cooling ages of 2.9 and 14.9 Ma: includes Daves Creek Basalt (14.9 Ma) and Carrot Mountain alkali basalt (11.8 Ma)*

EOCENE

Eor *OLALLA RHYOLITE: rhyolite breccia, massive obsidian and related dykes*

Ema MARRON GROUP
Undifferentiated andesite, dacite and trachyte of the Marron Group: may include minor epiclastic rocks equivalent to Ewl and Esb.

Es *SKAHA FORMATION: brecciated greenstone (Old Tom Formation), brecciated chert (Shoemaker Formation, Es1), and brecciated granite (Oliver Granite, Es2) resting as fault slices hundreds of metres across, above the White Lake Formation on gently dipping faults: includes undifferentiated polymictic fanglomerate and arkose resting unconformably on these brecciated rocks: near Rock Creek includes heterogeneous epiclastic breccia (Klondike Mountain Formation)*

Ewl *WHITE LAKE FORMATION: massive to thick bedded volcanic breccia and pyroclastic rocks with clasts of Trepanier Rhyolite and Kitley Lake and Yellow Lake formations. includes interbedded medium and thin beds of brown sandstone and clayey siltstone, minor carbonaceous seams: includes minor trachyte and andesite. Palynomorphs from Powers Creek indicate a Middle Eocene or older age*

Em *MARAMA FORMATION: medium brownish grey, flow banded dacite with subhedral plagioclase, hornblende and biotite phenocrysts to 5 mm in an aphanitic ground: forms the top of Black Knight Mountain, Mount Boucherie, Aeneas Butte, Mount Law*

En *MARAMA FORMATION-NIMPIT LAKE MEMBER: recessive, reddish weathering, amygdaloidal, trachyandesite with minor intercalated pyroclastic deposits: includes undifferentiated intrusive equivalents*

Ek *KITLEY LAKE FORMATION: massive, yellowish to buff, trachyte to trachyandesite: plagioclase and biotite glomerophenocrysts to 3 cm (10 % of the rock) in a finely crystalline groundmass: includes ash flow tuff and minor mudstone: includes undifferentiated intrusive equivalents Church determined K-Ar ages between 52.9 (biotite) and 44.2 Ma (whole-rocks)*

Eyl *YELLOW LAKE FORMATION: massive to thick, tabular flows of buff to light tan pyroxene-rich, mafic phonolite locally with rhomb anorthoclase phenocrysts and primary analcite, abundant zeolite fills cracks and amygdules: includes undifferentiated intrusive equivalents*

Etr *TREPANIER RHYOLITE: white and locally pink, greenish or light grey, flow banded rhyolite with subhedral quartz, hornblende and biotite phenocrysts to 3 mm in an aphanitic matrix. K-Ar ages of 47.7 and 48 ± 2 Ma were determined by Church (1981) west of Trepanier*

Esb *SPRINGBROOK FORMATION: poorly sorted, massive to thick bedded, immature, coarse boulder and pebble conglomerate. Clasts to 50 cm are rounded, but of low sphericity and are locally derived (chert, greenstone, granite, and other pre-Eocene rocks with fewer Marron Group clasts, mainly Yellow Lake and Kitley formations). Near Rock Creek this unit consists of white to light grey, medium bedded, feldspathic sandstone, siltstone and shale with coaly partings, named the Kettle River Forma...*

MESOZOIC

UPPER TRIASSIC AND/OR LOWER JURASSIC
ROSSLAND AND NICOLA GROUPS

uTrv *Massive greenstone, andesite, latite, agglomerate and volcanic breccia of greenstone fragments locally with limestone clasts, minor greywecke, minor interbedded limestone: includes lenses of silicified equivalents: may include undifferentiated Lower Jurassic volcanics of similar lithology*

uTrns *Rusty weathering, black pyritic slate, phyllite and argillite, locally silicified or "cherty": minor quartzite:minor interbedded argillaceous limestone: includes undifferentiated greenstone lenses*

PALEOZOIC TO MESOZOIC

ORDOVICIAN TO UPPER TRIASSIC

uTrot *OLD TOM FORMATION: massive andesitic greenstone and greenstone breccia: locally includes large, extensive, strongly silicified equivalents in irregular bodies and lenses with gradational boundaries, which are undifferentiated: includes a few small lenses of undifferentiated limestone: minor diorite: unit is poorly understood: known to contain Ordovician, Carboniferous and Triassic fossils- undifferentiated: relations to Shoemaker Formation are gradational*

uTrs *SHOEMAKER FORMATION: massive, greyish green silicified volcanic rocks, including "cherty" tuff and breccia: includes undifferentiated massive greenstone: may include chert: generally fractured and broken by irregular spaced cleavage: may be largely the silicified equivalent of the Old Tom Formation*

uTri *INDEPENDENCE FORMATION: massive greenstone- volcanic breccia with greenstone fragments- includes large undifferentiated [illegible] lenses: includes lenses of undifferentiated limestone: resembles the Old Tom and Shoemaker formations*

MESOZOIC

MIDDLE AND LOWER TRIASSIC (?)

Trbs *BROOKLYN LIMESTONE AND "SHARPSTONE CONGLOMERATE": white weathering, thick bedded, light grey limestone commonly with rounded to angular detrital "chert" grains: minor greenish siltstone and massive, resistant, breccia with angular, roughly equant, clasts to 10 cm across, of "chert" and greenstone and locally limestone in a matrix of coarse sand and grit of the same material: grades to "chert" sandstone and "chert" grit by decrease in grain size: minor green and black argillite, partly a fine grained tuff: grains and matrix strongly silicified: "chert" and andesitic greenstone fragments derived mainly from the Knob Hill Group: limestone mostly from the Brooklyn Formation, and locally from the Attwood Group: limestone contains Middle Triassic fossils*

PALEOZOIC

CARBONIFEROUS OR PERMIAN

CPk KNOB HILL GROUP: *massive "chert" (largely silicified greenstone), greenstone and amphibolite: minor limestone or marble: minor "sharpstone": age unknown*

CPat ATTWOOD GROUP: *light grey limestone with minor interbedded chert: contains Carboniferous fossils*

CARBONIFEROUS

Cbc *BLIND CREEK FORMATION: medium bedded grey limestone and calcareous argillite; lacks penetrative fabrics, low greenschist facies metamorphism*

Cb *BARSLOW FORMATION: thin bedded, brown silty slate and argillaceous siltstone: lacks penetrative fabrics, low greenschist facies metamorphism*

CARBONIFEROUS OR OLDER

CPa ANARCHIST GROUP: *dark grey weathering, recessive, amphibolite, greenstone, quartz-chlorite schist, quartz-biotite schist. minor serpentinized peridotite: "chert" breccia that resembles Trbs is locally included: CPap- peridotite and serpentinized equivalents: CPaa- amphibolite: age unknown*

FIG. 2b

Ec — CORYELL SYENITE: alk…ic to calc-alkalic, high level, pink and buff syenite and quartz mo…onite and trachytic pink feldspar porphyry dykes: plutonic equivalent of the Marron Group especially the Kitley Lake Formation: gradational to pulaskite and to Shingle Creek Porphyry: probably includes JKg undifferentiated in East half of map area: poorly dated

Esc — SHINGLE CREEK PORPHYRY: massive, buff and pink, fine grained porphyritic granite and felsite with euhedral phenocrysts of K-feldspar to 10 cm across: occurs as dykes under, and feeders to, the volcanic rocks of the Marron Group, especially the Kitley Lake Formation: a shallow level equivalent of the Coryell Syenite: includes rhomb porphyries and related rocks

Egn — "OKANAGAN GNEISS": massive, medium grey weathering, resistant hornblende-biotite granodiorite orthogneiss: strongly foliated: grades to mylonitic gneiss, mylonite and blastomylonite: minor amphibolite and paragneiss- minor schist: minor pegmatite and aplite: strongly chloritized along Okanagan Fault: grades eastward (and up the structural succession) to JKg, mJg and Pm units of which it is presumed as to the sheared equivalent: probably also includes sheared equivalents of the Anarchist Group: presumed sheared and thermally overprinted during the Eocene: Egn1 - quartz chlorite microbreccia and related altered rocks close to the Okanagan Fault

Egng — Massive, light grey weathering, biotite granite gneiss and granodiorite gneiss with pegmatite veins and sills

Eg — Hornblende granodiorite, massive, resistant, grey weathering, coarse grained, equigranular mesocratic with euhedral fresh black hornblende crystals, locally weakly foliated: age poorly constrained

RETACEOUS AND/OR JURASSIC

JKg — OKANAGAN BATHOLITH: massive, light grey weathering, medium- to coarse-grained, equigranular to porphyritic, unfoliated to weakly foliated, fresh biotite granodiorite and granite: includes undifferentiated granodiorite of the Nelson suite: age poorly constrained

Jo — OLIVER PLUTON: massive, unfoliated, medium grained porphyritic biotite granite with weakly foliated, equigranular hornblende granodiorite along the southern border: includes Jod, biotite-hornblende diorite agmatite and Jog, massive garnet-muscovite granite: age poorly constrained

OSOYOOS GRANODIORITE: recessive, pasty greenish, hornblende granodiorite: pervasively saussuritized, chloritized, sheared and fractured; age unknown

MIDDLE JURASSIC

mJg — NELSON PLUTONIC ROCKS: massive, generally moderately foliated, medium grey weathering, medium- to coarse-grained, equigranular, hornblende-biotite granodiorite, quartz diorite and granite: includes undifferentiated biotite granite of the Valhalla suite: age poorly constrained

OLALLA PYROXENITE: black, fresh, massive, medium- to coarse-grained pyroxenite, hornblendite, serpentinite and peridotite

KRUGER SYENITE: massive, medium grained, biotite hornblende granodiorite with a marginal zone of megacrystic, mesocratic coarse grained hornblende syenite

PROTEROZOIC AND PALEOZOIC

CPko — KOBAU GROUP: undivided amphibolite, greenschist, quartzite, mica schist, greenstone- minor marble: strongly foliated with penetrative flaser fabrics: age unknown

ORDOVICIAN (?) TO DEVONIAN (?)

ODs — Schist, thin bedded argillaceous limestone, slate and limestone includes metamorphosed equivalents mostly biotite-diopside-quartz skarn and marble: age unknown

PROTEROZOIC (?) AND PALEOZOIC (?)

GRAND FORKS GNEISS

Pgfm — Mylonitic biotite leucogranodiorite: Preto unit X

Pgfo — Medium crystalline, well foliated biotite hornblende granodiorite orthogneiss: Preto unit IX

Pgfa — Amphibolite, amphibolitic gneiss, minor marble: Preto unit IV

Pgfs — Coarsely crystalline garnet-biotite schist, into foliated quartzite, minor marble, abundant pegmatite and leucogneiss: Preto unit III

Pgfq — Coarsely crystalline, thick layered quartzite, minor marble and pegmatite Preto unit II

Pgfg — Sillimenite-biotite-quartz paragneiss, amphibolite and amphibolitic gneiss, marble, biotite schist and gneiss, garnet-biotite-quartz schist, micaceous quartzite: includes minor leuco-orthogneiss: Preto unit I

Pm — MONASHEE GNEISS: grey, massive, biotite granodiorite gneiss: gradational westward with Egn, but not overprinted by the Eocene event that affected the rocks nearer the Okanagan Fault: may be equivalent or related to Pgf: may include equivalents of ODs: age unknown

Outcrop boundary

Probable stratigraphic contact, location approximate

Geological contact, relations unknown, possibly faulted

Strike and dip of bedding

Strike and dip of foliation

Trend and plunge of lineation and minor folds

Inferred fault, age and displacement unknown

Inferred normal fault, age unknown, circle on downthrown side

Inferred Eocene normal fault, circle on downthrown side

Slide- inferred fault in metamorphosed rocks, roughly parallel to foliation

Recommended citation:
Tempelman-Kluit, D.J.
1989: Geology, Penticton, British Columbia; Geological Survey of Canada, Map 1736A, scale 1:250 000

FIG. 2 C

garnet-pyroxene-magnetite skarns and quartz-pyroxene hornfels within calcareous formations near their contact with the intrusive.

3.0 DISCUSSION OF RESULTS

3.1 PROCEDURE

All surveys and locations related to the LB grid within the Louis Bosshart Project area were accomplished by hip chain and traverse from UTM coordinates 5470000 north and 358600 east. Rock chip and stream sediment samples were collected and sent to Acme Analytical Laboratories Vancouver, B.C. for geochemical analysis.

3.2 ROCK CHIP GEOCHEMISTRY

Of the fifteen rock chip samples sent for assay, rock chip sample #99LB L1400 east 4250 north was highly anomalous showing 23 ppb gold, 21,958 ppb silver and 5581 ppm copper. The sample was taken from an old trench that had exposed massive sulfide lenses related to quartz veining.

3.3 STREAM SEDIMENT GEOCHEMISTRY

Several interesting anomalous gold assay results were obtained from the stream sediment sampling program. These include SS99 LB 2500E 2550N which returned a gold assay 7477 ppb along with a silver result of 983 ppb The second highest gold value came from sample number SS99 LB 2500E 5950N. This sample assayed 2355 ppb gold and 939 ppb silver.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Although the current program did not identify specific drill targets the reconnaissance style exploration of the 99 Louis Bosshart Project was successful in developing targets for additional detailed exploration. The target areas would include following up the highly anomalous stream sediment samples and further investigation of the massive magnetite body located at approximately line 2500E, 4300N.

Respectfully submitted by

Kim Anschetz, Prospector

APPENDIX A

Statement of Qualifications

STATEMENT OF QUALIFICATIONS

I KIM ANSCHETZ of Rock Creek, British Columbia DO HEREBY CERTIFY:

1. THAT I am a Prospector with an address of P.O. Box 152 Rock Creek, British Columbia. V0H 1Y0.

2. THAT I personally supervised the 1999 Propsectors Assistance Program discussed in this report.

DATED this 30 day of Jan., 2000

Kim Anschetz, Prospector

APPENDIX B

Geochemical Assay Results and rock Chip Sample Sheet

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Miller, Bob PROJECT 99LB File # A000256 Page 1

200 - N. 10015 Division, Spokane WA U.S.A. 99218 Submitted by: Kim Anschetz

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm
SS 99LB 2200W	.84	10.15	10.86	73.4	39	9.2	5.5	638	2.00	3.8	10.0	1.8	25.5	50.7
SS 99LB 2000W	1.02	9.73	12.21	50.1	97	7.2	5.2	923	1.71	4.1	22.5	1.0	35.6	72.0
SS 99LB 1800W	4.78	18.94	30.02	64.4	177	14.6	22.7	4997	4.07	18.2	24.3	1.9	38.9	143.1
SS 99LB 1600W	.48	7.11	9.39	43.0	37	6.6	3.6	368	1.36	1.7	9.3	.7	15.5	60.4
SS 99LB 1400W	.96	15.94	30.11	180.9	67	11.6	7.8	983	2.75	3.7	8.3	2.0	18.6	77.7
SS 99LB 1200W	2.00	23.37	37.42	190.4	134	9.5	7.9	749	2.82	3.2	9.7	5	16.0	62.6
SS 99LB 1000W	1.84	21.64	40.23	245.7	167	11.2	8.9	910	2.98	3.8	7.4	100.6	16.7	69.4
SS 99LB 800W	1.43	16.85	28.19	184.0	113	9.8	7.2	760	2.59	2.8	5.7	3	16.4	65.0
SS 99LB 600W	1.51	16.03	28.43	166.8	77	10.0	8.2	844	2.96	2.8	5.8	4	19.2	67.2
SS 99LB 400W	1.80	16.66	29.88	153.7	87	10.9	8.8	852	3.20	3.6	4.9	7	16.3	66.3
SS 99LB 200W	1.58	26.79	36.19	299.8	182	10.8	9.4	911	3.00	5.5	4.0	7	13.0	64.1
SS 99LB 2500E 7350N	.72	14.55	15.68	124.0	81	8.8	6.5	444	3.70	17.3	4.7	13.8	20.0	39.4
SS 99LB 2500E 7150N	.72	14.51	13.83	112.4	74	9.2	6.1	454	3.16	12.2	3.9	3.3	21.5	36.7
SS 99LB 2500E 6950N	.78	14.69	15.92	114.1	66	9.3	8.0	481	2.93	19.6	4.6	3.3	23.3	37.6
SS 99LB 2500E 6750N	.81	11.54	12.04	97.3	62	8.5	5.6	326	3.72	7.8	4.5	78.2	26.4	28.9
SS 99LB 2500E 6650N	.93	11.96	28.90	105.2	256	8.8	5.8	348	3.77	12.2	4.1	4.8	24.9	33.6
RE SS 99LB 1600W	.44	7.13	8.29	42.0	36	6.0	3.7	352	1.27	1.8	8.4	1.7	18.8	55.8
SS 99LB 2500E 6350N	3.12	17.59	43.24	127.2	229	9.8	6.6	433	2.93	25.0	3.8	2.3	21.8	34.4
SS 99LB 2500E 6150N	1.68	9.90	23.85	97.5	158	8.9	5.1	322	4.06	13.9	5.2	5.0	24.3	28.5
SS 99LB 2500E 5950N	2.40	30.26	50.49	138.1	939	16.1	9.4	727	2.91	41.2	6.8	3255.4	15.1	42.5
SS 99LB 2500E 5750N	2.26	30.53	47.76	162.3	595	13.7	8.6	570	2.90	49.3	3.2	84.4	13.1	41.2
SS 99LB 2500E 5550N	1.97	23.05	23.38	116.6	167	10.9	6.5	472	2.28	21.7	3.1	17.9	9.2	31.9
SS 99LB 2500E 5350N	1.79	36.30	23.80	143.2	199	14.8	8.8	767	2.47	60.8	2.2	7.5	7.8	34.4
SS 99LB 2500E 5150N	2.19	23.99	29.46	143.0	154	12.7	7.9	598	2.98	22.6	2.5	8.6	13.7	38.1
SS 99LB 2500E 4950N	1.23	18.92	22.53	136.3	157	10.2	6.1	414	2.71	20.7	2.2	10.3	13.2	33.8
SS 99LB 2500E 4750N	1.10	21.35	31.50	154.8	267	10.5	6.3	468	2.55	22.7	1.9	22.2	12.4	34.5
SS 99LB 2500E 4550N	1.39	30.48	38.55	226.1	283	11.8	8.2	700	2.57	23.8	1.8	2.9	9.1	37.1
SS 99LB 2500E 4350N	.86	15.32	19.33	128.7	177	7.7	5.8	364	2.96	10.2	2.4	2.8	13.7	28.6
SS 99LB 2500E 4150N	1.18	31.21	29.06	166.7	266	11.3	7.8	580	3.16	13.4	2.3	705.7	11.2	42.6
SS 99LB 2500E 3750N	1.75	35.51	41.18	227.3	175	14.5	11.2	910	3.37	15.5	1.9	5.4	11.3	44.1
SS 99LB 2500E 3550N	1.38	29.09	42.46	204.0	152	14.3	11.1	907	3.49	18.6	2.2	48.7	12.7	43.6
SS 99LB 2500E 3350N	1.60	30.62	36.51	214.8	170	14.7	10.6	816	3.21	24.3	2.7	280.4	10.4	45.6
SS 99LB 2500E 3150N	1.01	19.01	22.55	225.6	119	8.5	6.4	458	3.08	9.8	3.1	9.7	15.8	38.3
SS 99LB 2500E 2950N	1.17	17.72	25.71	255.8	113	8.4	6.7	519	3.44	9.9	4.2	18.7	16.8	37.9
STANDARD DS2	13.73	129.55	33.94	151.9	240	34.3	11.5	793	2.97	57.9	23.4	198.8	3.7	26.6

SAMPLE#	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %	Sample gm
SS 99LB 2200W	.08	.18	.17	50	.31	.093	25.3	21.3	.32	144.3	.084	<1	1.14	.011	.08	<2	.07	9	<.1	.04	4.8	<.01	15.0
SS 99LB 2000W	.07	.08	.19	32	.34	.060	37.6	11.8	.21	180.5	.042	1	1.38	.011	.11	<2	.09	14	<.1	.03	5.5	<.01	15.0
SS 99LB 1800W	.22	.30	.38	81	.44	.043	53.0	24.7	.25	557.0	.066	<1	2.62	.017	.12	.2	.29	21	<.1	.10	8.4	<.01	15.0
SS 99LB 1600W	.05	.16	.20	35	.25	.062	29.9	12.8	.21	142.4	.053	<1	.95	.014	.08	.3	.04	12	<.1	.03	4.0	<.01	15.0
SS 99LB 1400W	.12	.21	.77	55	.43	.078	31.9	24.4	.58	202.1	.062	<1	1.64	.025	.14	.4	.08	13	<.1	.06	6.4	<.01	15.0
SS 99LB 1200W	.18	.20	1.96	66	.44	.074	32.2	23.1	.50	135.1	.059	<1	1.29	.011	.11	.5	.06	15	<.1	.08	5.6	<.01	15.0
SS 99LB 1000W	.27	.21	1.17	66	.51	.108	37.5	25.6	.60	169.6	.062	<1	1.47	.014	.13	.5	.07	23	.1	.06	6.3	<.01	15.0
SS 99LB 800W	.15	.16	2.14	60	.43	.077	31.9	21.6	.54	128.3	.060	<1	1.23	.014	.13	.5	.07	<5	.1	.06	5.6	<.01	15.0
SS 99LB 600W	.16	.18	.95	64	.50	.088	37.5	22.4	.64	132.3	.066	<1	1.33	.015	.14	.5	.07	11	<.1	.04	6.2	<.01	15.0
SS 99LB 400W	.15	.15	4.01	72	.59	.087	28.0	26.0	.71	114.2	.072	<1	1.33	.016	.13	.5	.05	<5	<.1	.06	6.4	<.01	15.0
SS 99LB 200W	.39	.23	1.00	78	.43	.082	32.1	25.8	.56	124.8	.069	<1	1.26	.011	.12	.6	.06	7	<.1	.06	5.6	<.01	7.5
SS 99LB 2500E 7350N	.18	.14	.51	108	.47	.113	33.4	36.4	.39	79.2	.076	<1	.84	.010	.06	.5	.07	<5	.2	.07	4.6	<.01	15.0
SS 99LB 2500E 7150N	.22	.19	.28	113	.44	.103	33.2	33.4	.36	79.0	.089	<1	.79	.018	.06	.4	.05	<5	.2	.04	4.2	<.01	7.5
SS 99LB 2500E 6950N	.23	.21	.87	94	.42	.093	34.9	31.7	.42	79.3	.075	<1	.82	.011	.07	.3	.04	16	.2	.04	4.5	<.01	15.0
SS 99LB 2500E 6750N	.17	.15	.17	131	.40	.099	31.5	45.3	.30	50.1	.086	<1	.63	.009	.05	.4	.03	<5	<.1	<.02	4.2	<.01	15.0
SS 99LB 2500E 6650N	.21	.37	.97	133	.45	.127	35.0	47.7	.32	81.1	.075	<1	.65	.008	.04	.4	.03	<5	.1	.03	4.4	.01	15.0
RE SS 99LB 1600W	.04	.14	.18	33	.25	.060	28.3	11.5	.20	136.7	.052	<1	.94	.013	.08	<2	.04	8	<.1	.02	3.7	.01	15.0
SS 99LB 2500E 6350N	.28	.35	.20	98	.46	.110	31.0	34.4	.42	74.2	.073	<1	.79	.010	.06	.3	.04	<5	.2	.03	4.1	.01	15.0
SS 99LB 2500E 6150N	.19	.22	.51	148	.48	.140	35.3	51.1	.24	47.0	.082	<1	.52	.007	.03	.5	.02	5	<.1	.02	4.0	.02	15.0
SS 99LB 2500E 5950N	.47	.76	.25	81	.53	.100	27.1	26.8	.71	96.1	.073	<1	1.12	.021	.08	1.9	.05	7	.8	.05	5.0	.02	15.0
SS 99LB 2500E 5750N	.51	.75	.31	89	.47	.105	27.6	31.4	.59	92.4	.063	<1	1.03	.012	.08	.2	.05	8	.4	.06	4.9	.01	15.0
SS 99LB 2500E 5550N	.38	.44	.25	73	.40	.087	21.9	25.5	.48	70.9	.055	<1	.87	.013	.06	.2	.04	7	.3	.03	3.8	.02	15.0
SS 99LB 2500E 5350N	.64	.64	.23	73	.45	.091	20.7	22.2	.75	103.7	.058	<1	1.12	.021	.08	<2	.05	9	.5	.05	4.6	.02	15.0
SS 99LB 2500E 5150N	.34	.56	.26	87	.45	.094	27.6	28.4	.59	83.6	.066	<1	1.00	.015	.07	.6	.05	<5	.3	.03	4.8	.02	15.0
SS 99LB 2500E 4950N	.28	.38	.23	88	.40	.095	26.3	28.9	.44	74.7	.058	<1	.84	.009	.05	.4	.04	8	.3	.02	3.9	<.01	15.0
SS 99LB 2500E 4750N	.34	.52	1.07	80	.39	.090	24.9	29.2	.48	70.5	.056	<1	.87	.009	.06	.3	.04	10	.2	.03	4.1	.02	15.0
SS 99LB 2500E 4550N	.48	.47	1.50	73	.41	.088	20.4	24.2	.65	91.7	.052	<1	1.07	.014	.07	.4	.04	7	.3	.04	4.5	.01	15.0
SS 99LB 2500E 4350N	.22	.23	.73	109	.38	.097	28.2	35.9	.29	61.1	.076	<1	.67	.008	.05	.4	.03	<5	.2	<.02	3.4	.03	7.5
SS 99LB 2500E 4150N	.38	.43	2.91	97	.43	.087	24.4	32.0	.54	97.9	.075	<1	1.13	.010	.08	.3	.05	8	.1	.03	5.0	.03	7.5
SS 99LB 2500E 3750N	.44	.42	.96	86	.48	.099	24.9	33.8	.87	101.6	.059	<1	1.39	.015	.11	.6	.05	7	.2	.05	6.1	<.01	15.0
SS 99LB 2500E 3550N	.41	.39	.81	90	.50	.105	23.6	36.6	.87	102.8	.060	<1	1.33	.018	.08	.3	.05	6	.2	.04	5.9	<.01	15.0
SS 99LB 2500E 3350N	.46	.44	1.04	84	.47	.097	25.5	33.4	.81	102.4	.060	<1	1.29	.018	.09	.3	.05	8	.3	.04	5.8	<.01	15.0
SS 99LB 2500E 3150N	.25	.31	1.25	95	.44	.106	29.2	33.7	.44	68.9	.057	<1	.84	.008	.06	.5	.04	10	<.1	.03	4.4	.01	15.0
SS 99LB 2500E 2950N	.31	.23	.59	105	.44	.106	31.7	37.1	.46	72.7	.059	1	.89	.008	.06	.4	.04	10	.1	.02	4.5	.01	15.0
STANDARD DS2	10.38	9.70	11.30	77	.49	.079	16.4	163.1	.56	170.8	.103	<1	1.62	.029	.15	7.8	1.90	220	2.2	1.92	5.9	.01	15.0

GROUP 1F15 - 15.00 GM SAMPLE, 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: STREAM SED. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JAN 24 2000 **DATE REPORT MAILED:** Jan 28/2000 **SIGNED BY** ....D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

 Data ∧ FA

ACME ANALYTICAL

Miller, Bob PROJECT 99LB FILE # A000256

ACME ANALYTICAL

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm
SS 99LB 2500E 2750N	1.02	15.20	22.71	175.9	199	7.0	6.2	397	2.46	10.0	3.3	854.5	11.3	30.9	.24
SS 99LB 2500E 2550N	1.02	15.29	22.56	199.6	983	9.7	6.2	482	4.27	8.3	7.3	1477.4	27.7	46.1	.21
SS 99LB 2500E 2360N	1.52	23.02	36.20	219.6	119	13.4	10.5	875	2.64	10.3	2.1	25.4	10.1	46.1	.48
SS 99LB 2500E 2150N	1.04	17.29	23.64	192.9	119	8.3	5.9	436	3.22	9.7	5.6	18.9	20.5	37.4	.24
SS 99LB 2500E 1950N	1.53	24.10	28.68	106.5	121	11.0	9.3	720	2.54	10.2	2.1	10.8	7.3	45.0	.43
SS 99LB 2500E 1750N	1.61	27.66	28.77	183.2	137	14.0	9.6	761	2.79	14.5	2.0	4.7	12.1	41.7	.36
SS 99LB 2500E 1550N	1.21	20.50	30.15	174.0	215	12.6	9.0	720	2.54	16.4	2.6	2.6	14.4	54.2	.34
SS 99LB 2500E 1350N	1.22	20.26	27.34	183.0	100	10.7	8.2	685	2.41	17.5	2.5	2.4	11.6	42.5	.36
SS 99LB 2500E 1150N	.96	22.38	23.39	156.6	92	10.9	8.2	654	2.56	12.3	1.7	4.6	9.3	37.6	.28
SS 99LB 2500E 950N	1.21	17.67	23.99	150.4	111	11.4	8.0	649	2.62	14.9	2.8	2.2	11.5	35.5	.24
SS 99LB 2500E 750N	1.10	16.66	23.58	157.1	87	9.9	7.7	645	2.40	15.0	2.2	2.5	11.4	40.0	.29
SS 99LB 2500E 550N	1.15	18.50	25.29	153.3	111	10.7	8.0	724	2.17	13.1	1.5	3.0	7.8	34.6	.37
RE SS 99LB 2500E 350N	1.06	18.18	23.29	158.0	106	10.5	8.1	634	2.60	11.5	1.7	2.0	10.6	39.5	.28
SS 99LB 2500E 450N	1.13	17.65	22.34	136.9	77	9.9	7.0	647	2.30	12.4	2.2	1.7	9.2	34.9	.23
SS 99LB 2500E 350N	1.24	19.91	26.10	171.8	122	12.0	9.1	712	2.66	12.6	1.6	4.4	9.5	41.3	.33
SS 99LB 2500E 250N	1.12	19.86	22.56	131.5	93	10.3	7.9	660	2.19	14.8	2.0	2.9	10.0	36.9	.28
SS 99LB 2500E 150N	1.16	16.51	23.97	140.6	101	9.0	7.4	615	2.02	13.6	1.7	2.1	8.5	36.5	.29
SS 99LB 2500E 50N	1.58	19.10	30.90	170.1	111	10.0	8.2	680	2.30	13.6	2.2	.9	9.3	40.4	.33
STANDARD DS2	13.95	129.90	36.22	151.6	259	35.0	12.5	796	3.04	59.9	23.9	202.4	4.0	31.0	11.27

SAMPLE#	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %	Sample gm
SS 99LB 2500E 2750N	.24	.50	77	.37	.085	24.0	26.1	.41	63.1	.054	2	.79	.008	.05	.4	.04	6	.3	.05	3.9	.02	15.0
SS 99LB 2500E 2550N	.26	1.24	148	.44	.108	33.2	53.7	.39	74.2	.089	1	.84	.008	.06	.8	.05	18	.4	.05	4.6	<.01	7.5
SS 99LB 2500E 2360N	.38	.72	69	.42	.084	25.0	23.0	.80	102.0	.053	<1	1.21	.017	.09	.4	.05	<5	.3	.07	5.5	<.01	15.0
SS 99LB 2500E 2150N	.25	.60	103	.42	.093	30.0	35.9	.42	71.3	.060	1	.84	.008	.05	1.2	.04	7	.3	.03	4.5	.01	15.0
SS 99LB 2500E 1950N	.40	.50	65	.46	.084	24.0	21.6	.72	93.5	.055	1	1.17	.017	.08	<.2	.05	<5	.9	.05	5.3	<.01	15.0
SS 99LB 2500E 1750N	.39	.41	75	.47	.088	25.5	25.0	.75	131.3	.057	1	1.13	.020	.08	<.2	.06	6	.4	.05	5.4	.01	15.0
SS 99LB 2500E 1550N	.37	1.88	67	.45	.082	26.0	24.0	.70	147.1	.056	5	1.11	.022	.08	.3	.05	6	.3	.06	5.2	[illegible]	15.0
SS 99LB 2500E 1350N	.39	.48	66	.45	.088	27.8	20.4	.62	94.5	.051	<1	1.06	.016	.07	<.2	.05	10	.4	.04	4.9	<.01	15.0
SS 99LB 2500E 1150N	.29	.36	69	.45	.082	22.5	23.6	.69	81.3	.059	<1	1.09	.017	.07	<.2	.04	<5	.3	.04	4.7	<.01	15.0
SS 99LB 2500E 950N	.30	2.53	77	.39	.079	29.3	26.7	.66	83.5	.053	1	1.02	.015	.07	.2	.08	<5	.3	.06	5.0	<.01	15.0
SS 99LB 2500E 750N	.31	.67	68	.40	.077	27.7	21.9	.61	83.9	.054	1	1.01	.018	.07	.3	.05	11	.3	.05	4.7	<.01	15.0
SS 99LB 2500E 550N	.32	.83	59	.36	.071	22.9	19.9	.66	84.6	.045	<1	1.01	.016	.08	<.2	.04	<5	.3	.05	4.8	<.01	15.0
RE SS 99LB 2500E 350N	.30	.52	72	.41	.077	25.2	24.0	.61	81.5	.055	1	.99	.016	.07	.3	.04	6	.3	.05	4.7	.01	15.0
SS 99LB 2500E 450N	.27	.45	63	.38	.077	22.9	22.2	.66	89.4	.049	<1	1.03	.018	.08	<.2	.04	7	.3	.04	4.5	<.01	15.0
SS 99LB 2500E 350N	.36	.55	70	.43	.079	25.5	24.2	.70	88.2	.056	1	1.09	.018	.07	.3	.04	8	.4	.05	4.9	<.01	15.0
SS 99LB 2500E 250N	.29	.37	60	.39	.080	27.2	20.1	.65	90.9	.048	1	1.02	.019	.09	<.2	.05	8	.3	.05	5.0	<.01	15.0
SS 99LB 2500E 150N	.26	.49	55	.33	.068	24.9	18.1	.56	85.4	.040	<1	.94	.014	.08	<.2	.05	11	.3	.04	4.5	<.01	15.0
SS 99LB 2500E 50N	.26	.48	56	.42	.068	26.7	18.8	.61	89.6	.039	1	1.04	.012	.07	.3	.05	10	.3	.06	4.8	<.01	15.0
STANDARD DS2	9.76	11.81	80	.52	.079	17.0	176.1	.58	175.5	.100	2	1.72	.032	.16	8.0	2.06	230	2.2	1.99	6.4	.02	15.0

Sample type: STREAM SED.. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

GEOCHEMICAL ANALYSIS CERTIFICATE

Miller, Bob PROJECT 99LB File # A000257

200 - N. 10015 Division, Spokane WA U.S.A. 99218 Submitted by: Kim Anschetz

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppb	Th ppm	Sr ppm	Cd ppm
99LB L1700E 5200N	1.15	5.05	12.57	30.5	55	5.1	1.4	63	1.33	<.1	1.7	5	10.1	18.4	.05
99LB L1400E 4650N	8.51	5016.95	229.31	1598.9	9534	29.9	37.1	2673	7.68	2.0	3.2	5.2	3.2	109.6	1.77
99LB L1400E 4350N	8.58	805.09	410.79	1346.5	13842	69.6	16.2	672	6.08	10.9	1.2	7.6	2.9	36.7	1.42
99LB L1400E 4250N	16.26	5581.84	916.49	760.9	21958	425.7	607.2	1073	24.56	301.1	.9	23.1	1.8	12.6	.79
99LB L2500E 6150N	2.14	14.47	209.21	561.9	641	8.2	7.9	1325	2.28	.2	3.5	1.6	12.0	106.7	1.05
99LB L2500E 4300N	5.11	1366.67	241.54	1930.5	7142	32.2	75.4	1361	28.33	3.3	2.6	.3	1.2	66.5	5.75
99LB L2500E 3250N	1.80	5.58	5.67	136.7	40	5.9	13.8	1014	3.55	.1	3.3	<.2	12.2	167.5	.05
99LB L2800E 2560N	1.54	58.32	3.70	200.3	56	11.6	12.4	971	4.00	3	1.5	<.2	3.1	102.2	.05
99LB L2800E 2450N	13.21	39.51	18.56	332.9	46	23.0	18.7	4576	8.54	.6	1.8	<.2	1.0	151.0	.25
99LB L3000E 2300N	13.73	9.97	43.99	489.3	222	19.6	6.8	2912	2.09	13.1	.6	6.4	6	619.9	4.61
RE 99LB L3000E 2300N	13.57	9.81	43.35	505.4	219	19.5	6.9	3003	2.16	12.7	.6	5.9	.6	601.5	4.67
99LB L3200E 2600N	.60	4.17	9.95	39.7	13	2.3	1.6	198	.64	.2	.6	<.2	11.1	20.8	.07
99LB L3200E 1000N	1.17	21.44	13.12	157.0	98	31.5	12.2	1442	2.99	8.4	2	.2	1.5	84.3	.22
99LB L3200E 1570N	.38	29.14	5.74	134.9	77	23.5	21.6	1612	6.15	<.1	6	6.2	1.4	194.6	.13
99LB L3400E 1480N	7.25	97.11	11.57	134.6	276	28.5	13.5	2342	4.31	8.6	1.0	.8	1.4	290.3	.17
99LB L3600E 2910N	.91	13.80	9.75	78.5	46	5.3	11.2	773	3.56	9	1.4	2	8.0	289.8	.13
STANDARD DS2	13.71	143.97	36.87	177.8	232	39.7	13.7	817	3.50	66.9	26.0	234.3	4.9	31.2	11.01

SAMPLE#	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Tl ppm	Hg ppb	Se ppm	Te ppm	Ga ppm	S %
99LB L1700E 5200N	22	.14	8	18	.039	25.5	8.6	05	53.7	.030	2	57	.043	27	3.4	09	<5	<1	<.02	2.8	04
99LB L1400E 4650N	66	20.44	72	.67	.088	5.1	36.2	.97	35.4	079	<1	2.42	.007	.08	4.6	03	<5	3.7	.57	7.6	.11
99LB L1400E 4350N	3.36	13.32	40	.43	.058	6.8	10.8	.31	60.0	026	<1	.74	.026	11	14.8	.03	23	16.4	09	3.9	09
99LB L1400E 4250N	47	25.04	19	04	.011	.7	16.4	.27	7.9	013	<1	1.26	001	02	9.4	<.02	5	141.3	4.78	5.7	13.39
99LB L2500E 6150N	.36	1.57	36	1.54	.060	14.6	11.1	.04	100.1	.060	<1	2.08	.023	.48	<.2	.13	5	<1	09	5.4	<.01
99LB L2500E 4300N	.22	20.28	84	1.49	.028	39.8	16.0	.04	11.9	.020	<1	1.10	006	.03	1.0	03	<5	2.9	18	21.7	.40
99LB L2500E 3250N	.12	.36	72	3.27	.093	20.8	15.9	1.16	110.5	.034	<1	2.01	046	10	1.0	06	<5	<1	03	7.6	<.01
99LB L2800E 2560N	10	.76	132	3.31	.125	9.7	17.3	1.53	65.9	.149	<1	2.40	043	26	9	06	<5	<1	03	10.3	02
99LB L2800E 2450N	45	.23	90	9.99	.051	2.1	41.0	.51	7.8	.104	<1	1.72	.003	.01	7.1	02	<5	1	02	7.4	<.01
99LB L3000E 2300N	.16	.09	49	19.44	.041	9.5	15.3	79	42.0	.005	<1	1.18	.002	.18	8	03	<5	.7	.08	3.3	.03
RE 99LB L3000E 2300N	.16	.09	51	20.21	.043	9.5	16.7	.82	43.1	007	<1	1.22	.002	.18	.9	.03	<5	6	09	3.4	.03
99LB L3200E 2600N	.13	.11	7	.23	.046	38.4	4.9	.19	112.1	.013	1	.77	.039	.37	1.1	06	<5	<1	<.02	3.9	.02
99LB L3200E 1000N	.12	.07	80	3.04	.086	16.5	45.0	1.14	261.3	.007	1	1.71	.017	.27	1.2	.08	<5	1	04	5.6	.06
99LB L3200E 1570N	.07	.04	189	6.07	.087	7.6	105.8	1.76	94.8	.020	<1	1.94	.033	.13	.3	.03	<5	<.1	02	7.9	22
99LB L3400E 1480N	.18	.14	55	8.42	.095	9.3	49.0	96	36.3	.009	1	1.54	002	08	1.7	03	<5	1	07	6.9	08
99LB L3600E 2910N	.05	09	59	2.27	.185	57.9	6.7	96	81.4	017	<1	1.70	037	.20	3	.03	<5	<1	.03	8.1	.01
STANDARD DS2	10.51	11.61	78	.60	.090	21.3	174.7	.66	149.8	.133	2	1.99	.034	.18	7.8	2.00	262	2.5	1.95	6.2	.02

GROUP 1F30 - 30.00 GM SAMPLE, 180 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 600 ML, ANALYSIS BY ICP/ES & MS.
UPPER LIMITS - AG, AU, HG, W, SE, TE, TL, GA, SN = 100 PPM; MO, CO, CD, SB, BI, TH, U, B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JAN 24 2000 DATE REPORT MAILED: Jan 28/2000 SIGNED BY. C. L. D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Rock

 Data FA

ROCK SAMPLE SHEET

Sampler KA & BS

Date

Property 99 LB GRID

NTS 82E/7

SAMPLE NO.	Sample Width	DESCRIPTION: Rock Type	Alteration	Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS: ppb Au	ppb Ag	ppm Bi		
L-1200E Δ-5200N	C	qtz diorite		galena Copper stain		0.5	55.0	0.1		
L-1400E Δ-4650N	C	diorite		copper stain		5.2	96/34	20.4		
L-1400E Δ-4350N	C	qtz vn w/sulfides		Sulfide lenes	Shaft	7.6	138/42	13.3		
L-1400E Δ-4250N	C	qtz vn w/sulfides		Sulfide lenes	Trench	23.1	214/58	25.0		
L-2500E Δ-6150N	C	diorite	bleached	Pyrite ?		1.6	541.0	1.5		
L-2500E Δ-4300N	C	Andesite	brecciated	Massive magnetite	greenstone skarn?, 130' adit.	0.3	71/92	20.3		
L-2500E Δ-3250N	C	Greenstone	chlorite	Pyrite ?		<0.2	98	0.36		
L-2800E Δ-2580N	C	diorite		Magnetite	dark, abundant mafics	<0.2	56	0.26		
L-2800E Δ-2450N	C	Greenstone		Pyrite		<0.2	46	0.23		
L-3000E Δ-2300N	C	Greenstone		Pyrite ?	calcite vn.	6.4	222	0.09		
L-3200E Δ-2600N	C	Greenstone	bleached			<0.2	13	0.11		
L-3200E Δ-1800N	C	Greenstone	brecciated	Pyrite ?		0.2	157	0.07		
L-3200E Δ-1570N	C	Greenstone		calcite / Pyrite	calcite vn's	6.2	77	0.04		
L-3400E Δ-1480N	C	Andesite	brecciated	Pyrite		0.8	276	0.14		
L-3600E Δ-2910N	C	greywacke				0.2	46	0.09		

C-CHIP G-GRAB F-FLOAT

APPENDIX C
References

PROSPECTORS REPORT
99 LB GRID

REFERENCES

EMPR GEM 1969-303

EMPR EXPL 1975-E22

EMPR ASS RPT *1722, 6899, 9079

EMPR AEROMAG MAP 7686G

EMPR PF (San Antonio Explorations Ltd., Prospectus, June 15, 1977)

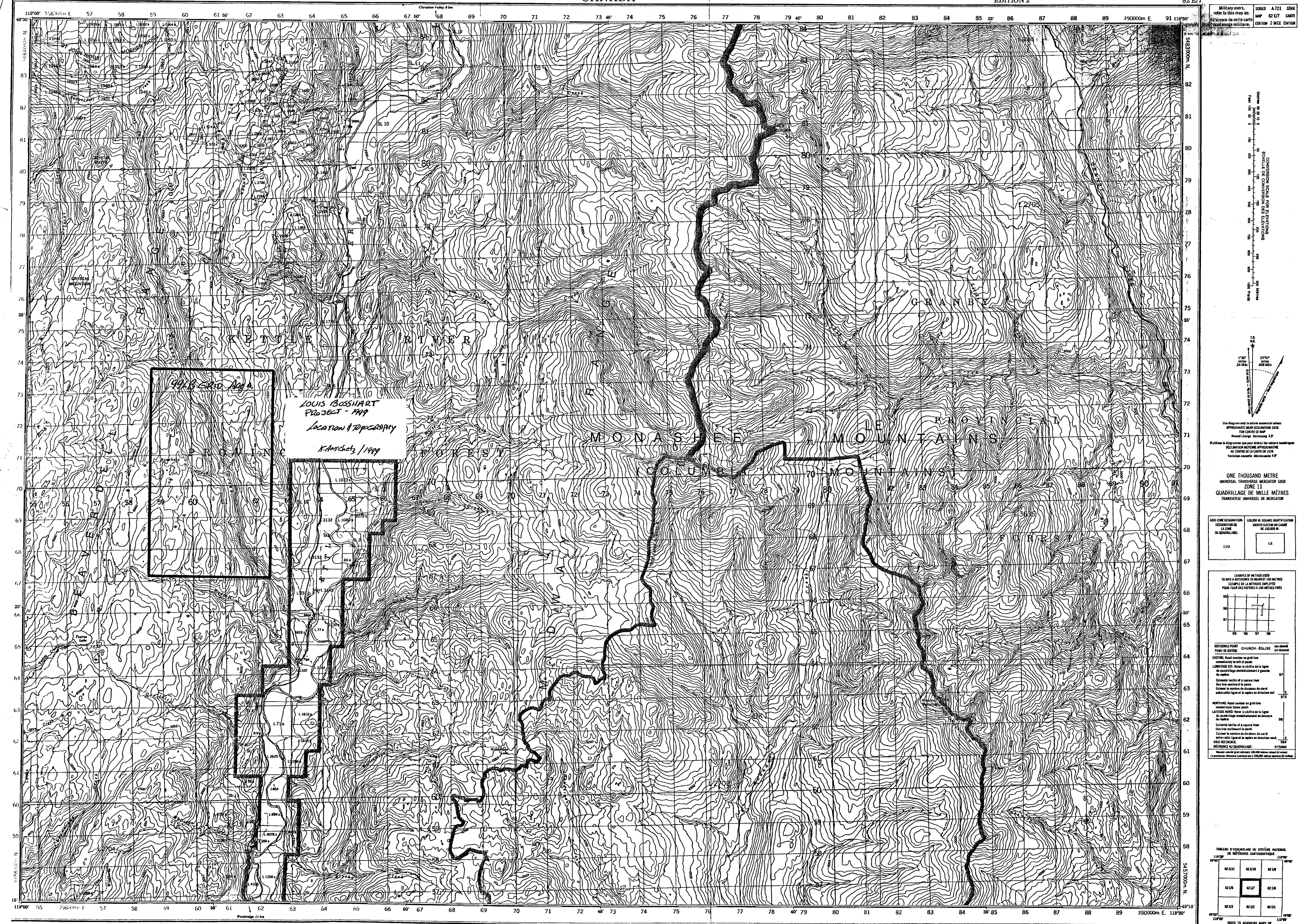
GSC OFF 481;637;1969

GSC MEM 79

GSC MAP 6-1957;1736A

These references are all obtained from the Up-dated 1997 MINFILE, British Columbia Geological Survey Branch, B.C. Ministry of Energy and Mines.

82 E/7 1:50,000 CANADA EDITION 2 82 E/7



ALMOND MOUNTAIN

SIMILKAMEEN DIVISION OF YALE LAND DISTRICT

BRITISH COLUMBIA

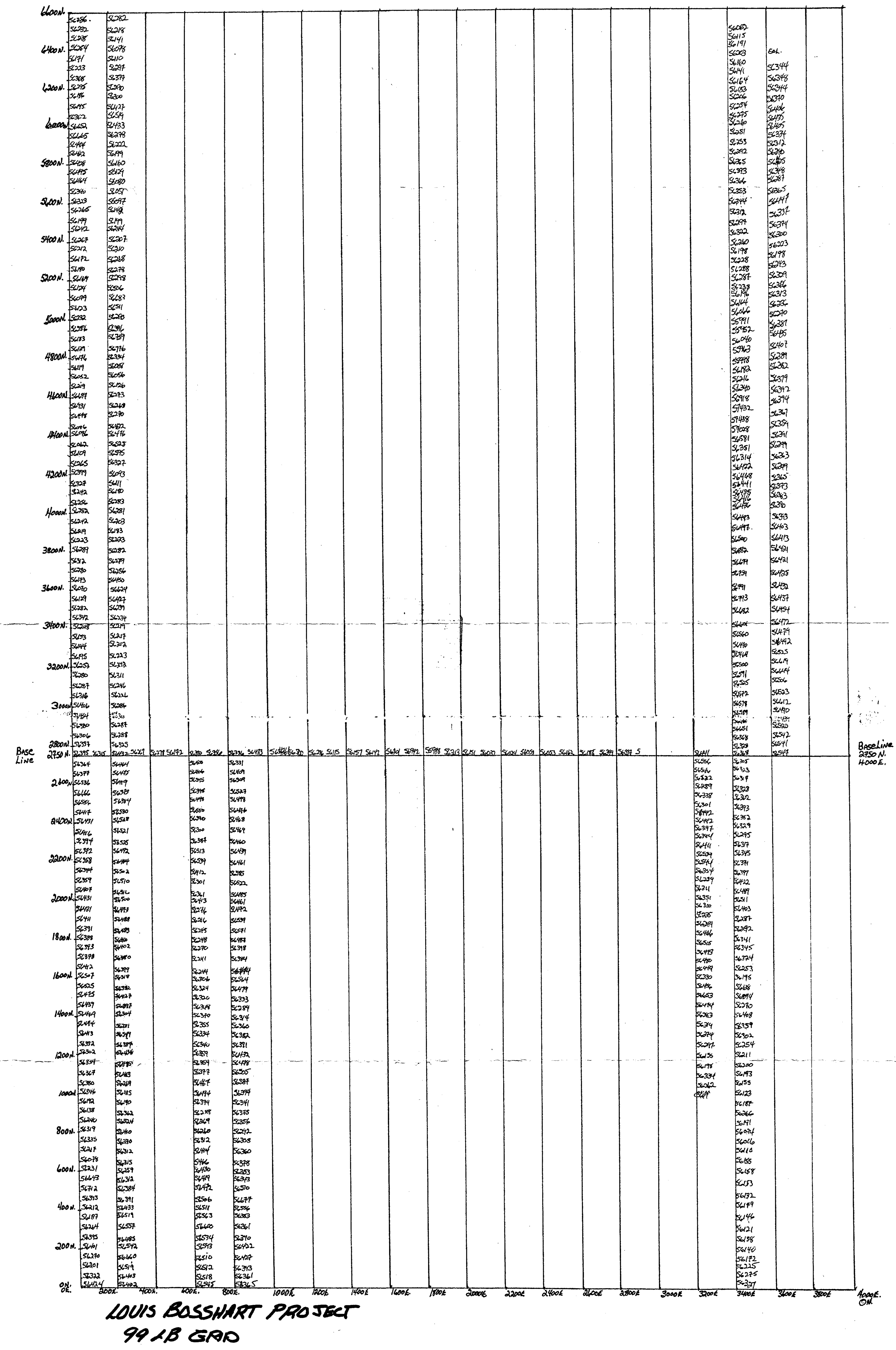
Scale 1:50,000 Échelle

CONTOUR INTERVAL 100 FEET

ÉQUIDISTANCE DES COURBES 100 PIEDS

ALMOND MOUNTAIN
82 E/7
EDITION 2

99-16 ①



LOUIS BOSSHART PROJECT

99 LB GRID

GROUND MAGNETOMETRY DATA.

K. Anschutz / 1999

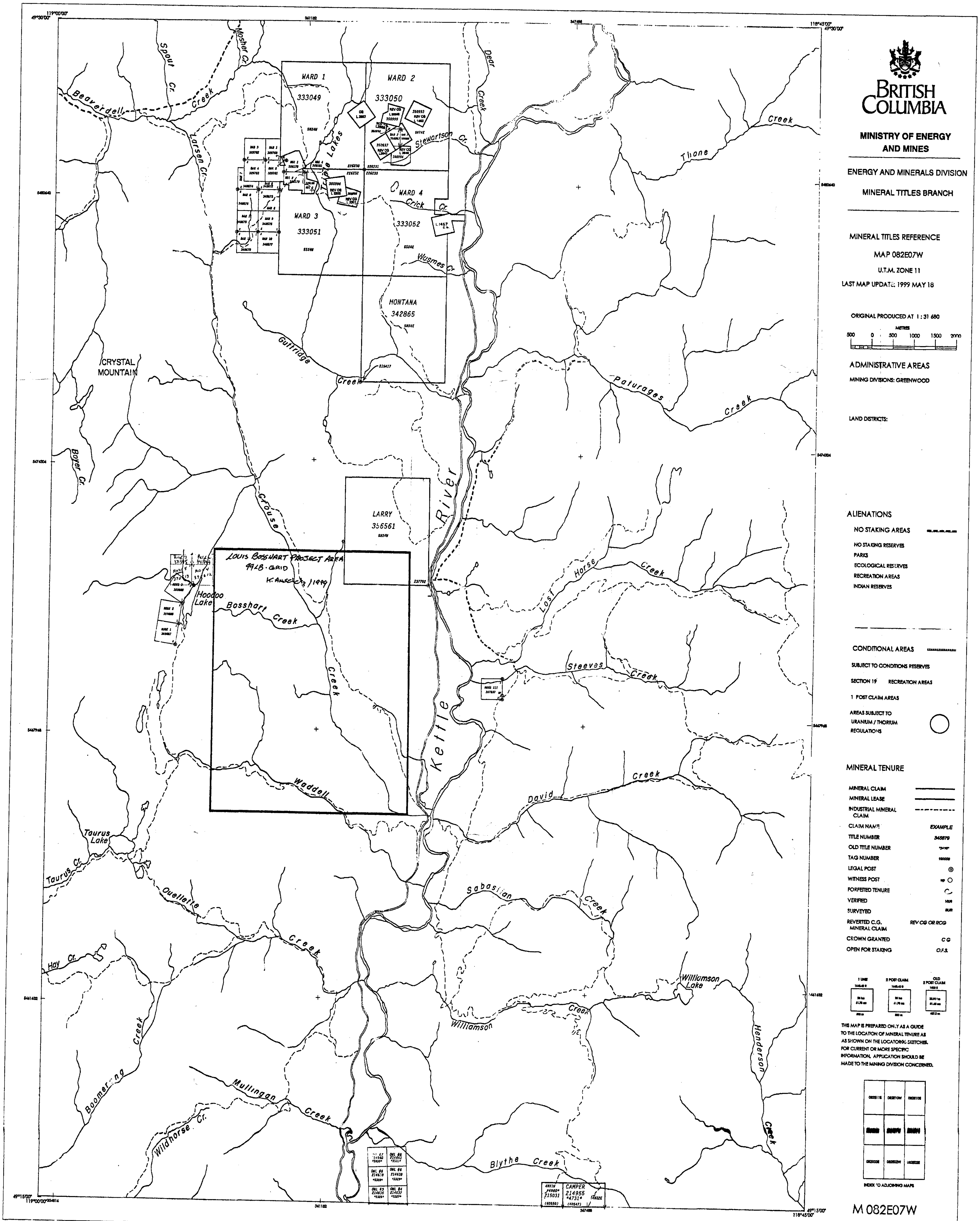
Scale

0 100 200 400 600

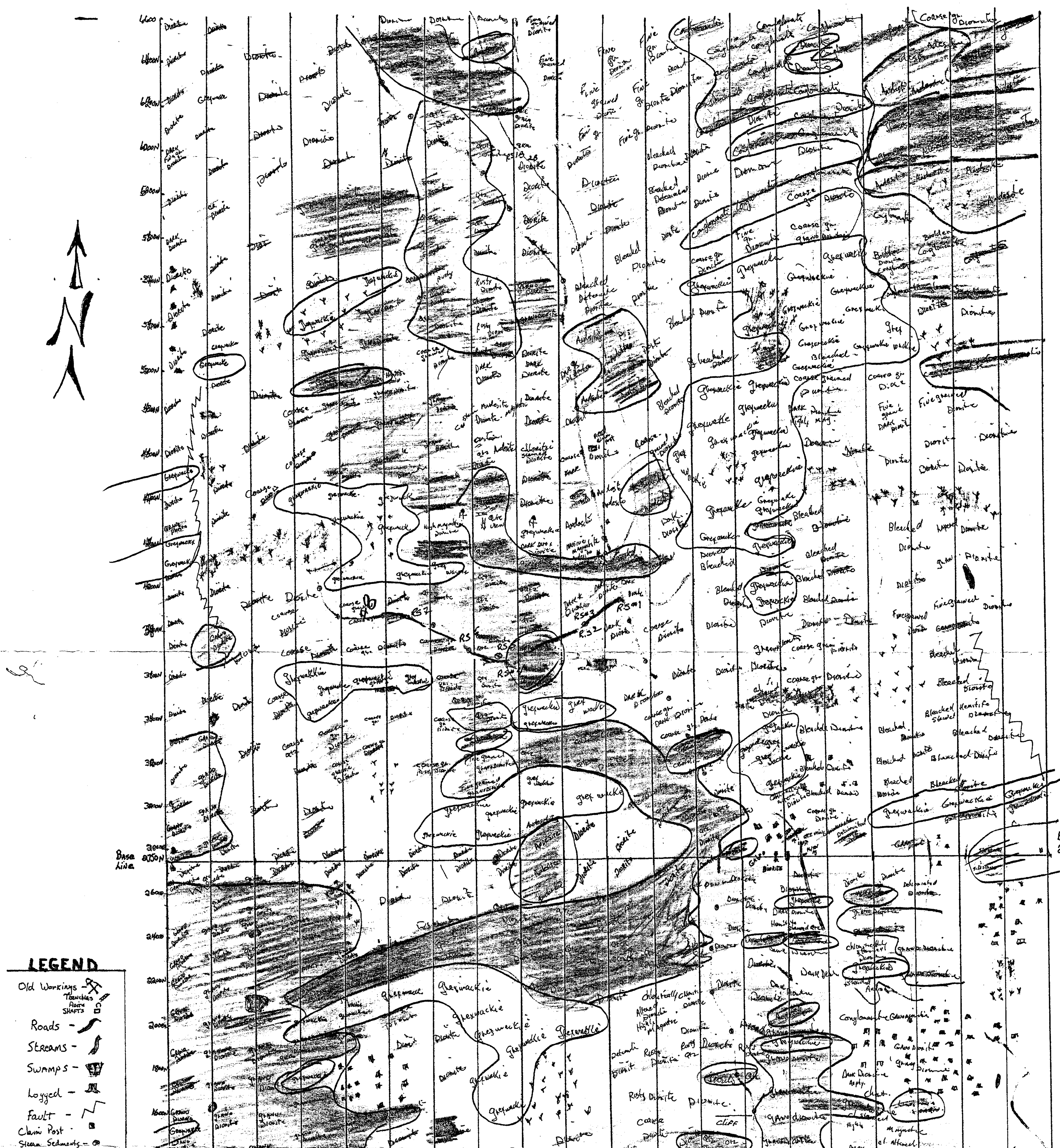
Metres

N

99-16 (2)


BRITISH COLUMBIA
MINISTRY OF ENERGY AND MINES
ENERGY AND MINERALS DIVISION
MINERAL TITLES BRANCH
MINERAL TITLES REFERENCE
MAP 082E07W
U.T.M. ZONE 11
LAST MAP UPDATE: 1999 MAY 18
ORIGINAL PRODUCED AT 1 : 31 680
METRES
500 0 500 1000 1500 2000
ADMINISTRATIVE AREAS
MINING DIVISIONS: GREENWOOD
LAND DISTRICTS:
ALIENATIONS
NO STAKING AREAS
NO STAKING RESERVES
PARKS
ECOLOGICAL RESERVES
RECREATION AREAS
INDIAN RESERVES
CONDITIONAL AREAS
SUBJECT TO CONDITIONS RESERVES
SECTION 19 RECREATION AREAS
1 POST CLAIM AREAS
AREAS SUBJECT TO URANIUM / THORIUM REGULATIONS
MINERAL TENURE
MINERAL CLAIM
MINERAL LEASE
INDUSTRIAL MINERAL CLAIM
CLAIM NAME EXAMPLE
TITLE NUMBER
OLD TITLE NUMBER
TAG NUMBER
LEGAL POST
WITNESS POST
FORFEITED TENURE
VERIFIED
SURVEYED
REVERTED C.G. MINERAL CLAIM REV CG OR RCG
CROWN GRANTED CG
OPEN FOR STAKING O.F.S.
THIS MAP IS PREPARED ONLY AS A GUIDE TO THE LOCATION OF MINERAL TENURE AS AS SHOWN ON THE LOCATORS SKETCHES. FOR CURRENT OR MORE SPECIFIC INFORMATION, APPLICATION SHOULD BE MADE TO THE MINING DIVISION CONCERNED.
INDEX TO ADJOINING MAPS
M 082E07W
119°00'00"
49°30'00"
118°45'00"
49°15'00"
WARD 1
333049
WARD 2
333050
WARD 3
333051
WARD 4
333052
MONTANA
342865
LARRY
356561
CAMPER
214955
LOUIS BOSSHART PROJECT AREA
99LB-GRID
K. Anscombe 1999
CRYSTAL MOUNTAIN
Beaverdell Creek
Spout Cr.
Mosher Cr.
Larsen Cr.
Lakes
Stewartson Cr.
Crick Cr.
Wusmes Cr.
Dear Creek
Thone Creek
Guttridge Creek
Paturages Creek
Boyer Cr.
Grouse Creek
Kettle River
Lost Horse Creek
Hoodoo Lake
Bosshart Creek
Steeves Creek
Waddell
David Creek
Taurus Lake
Taurus Cr.
Ouellette Creek
Sabastian Creek
Hay Cr.
Williamson Lake
Williamson Creek
Henderson Creek
Boomerang Creek
Mullingan Creek
Wildhorse Cr.
Blythe Creek

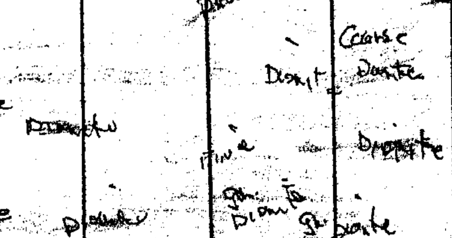
99-16 (3)

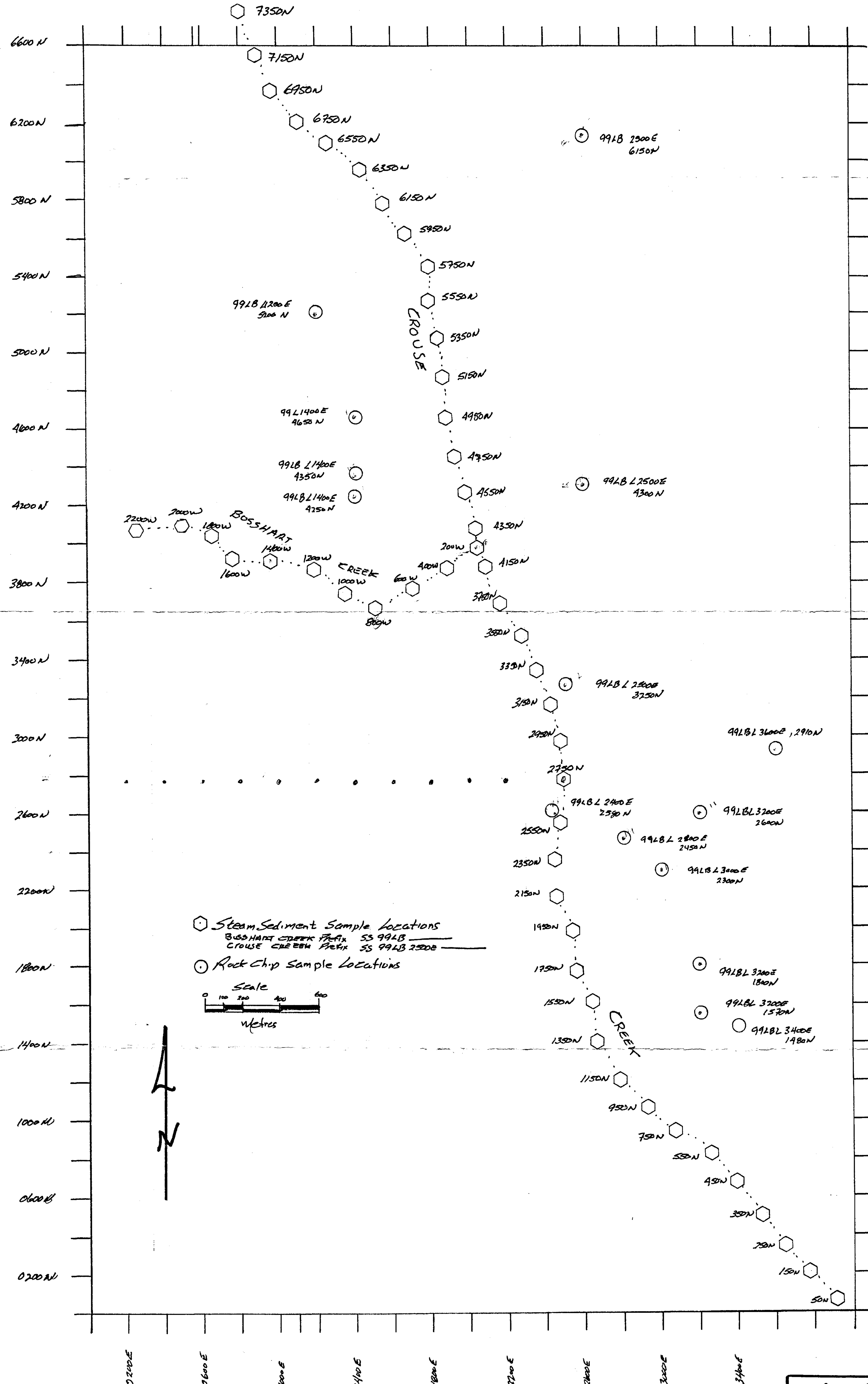


LOUIS BOSSHART PROJECT

99 LB GRID WORK MAP

K. Anscholz / 1999





99-16 (S)

LOUIS BOSSHART PROJECT

99 P.A. PROGRAM — JAN/2000

SAMPLE LOCATION MAP - 1999

99LB GRID — K. Anschetz