BRITISH COLUMBIA

PROSPECTORS ASSISTANCE PROGRAM

MINISTRY OF ENERGY AND MINES

GEOLOGICAL SURVEY BRANCH

PROGRAM YEAR:	1998/99
REPORT #:	PAP 98-31
NAME:	JOHN TELEGUS

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BRITISH COLUMBIA
PROSPECTORS ASSISTANCE PROGRAM
PROSPECTING REPORT FORM (continued)

B. TECHNICAL REPORT

- One technical report to be completed for each project area.
- **Refer to Program Requirements/Regulations 15 to 17, page 6.**
- If work was performed on claims a copy of the applicable assessment report may be submitted in lieu of the supporting data (see section 16) required with this TECHNICAL REPORT.

Name John Telegus Reference Number 98-99-P64

LOCATION/COMMODITIES

Project Area (as listed in Part A) ALBERNI MINFILE No. if applicable

Location of Project Area NTS 92-F-6 Lat 49 19' Long 125 03'

Description of Location and Access 20 Km. west of Port Alberni
access is by the high level logging road 10 Km west of Port Alberni

Main Commodities Searched For Copper, Gold, silver

Known Mineral Occurrences in Project Area
300 metre quartz stockwork zone.

WORK PERFORMED

1. Conventional Prospecting (area) northwest area of claims.
2. Geological Mapping (hectares/scale)
3. Geochemical (type and no. of samples) 286 soil samples
4. Geophysical (type and line km)
5. Physical Work (type and amount)
6. Drilling (no. holes, size, depth in m, total m)
7. Other (specify)

SIGNIFICANT RESULTS

Commodities Copper, Gold. Claim Name

Location (show on map) Lat Long Elevation

Best assay/sample type 1.3% Cu 29.8 gpt. Au / Rock Chip Sample.

Description of mineralization, host rocks, anomalies
identified in report.

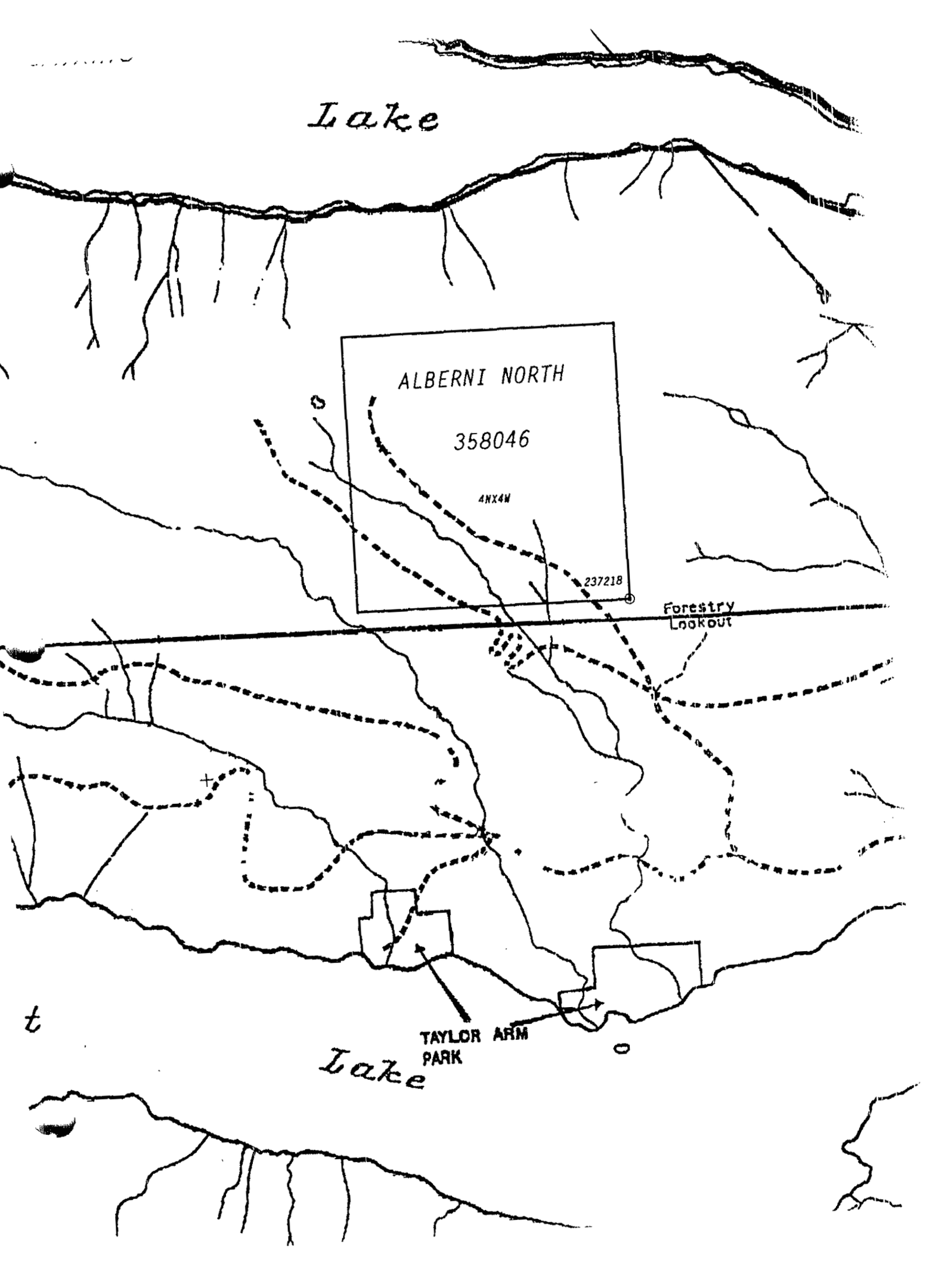
Supporting data must be submitted with this TECHNICAL REPORT

Information on this form is confidential for one year from the date of receipt subject to the provisions of the *Freedom of Information Act.*

PROPERTY LOCATION MAP

0 100 200 MILES
0 100 200 300 KILOMETRES

DRAWN	PROJECT	DATE	FIG.
			1


Lake
ALBERNI NORTH
358046
4NX4W
237218
Forestry
Lookout
TAYLOR ARM
PARK
Lake

ALBERNI NORTH PROJECT 1

SUMMARY OF RESULTS

Both rock and geochemical soil sampling has revealed low grade copper enrichment over a wide area on the northwestern section of the Alberni North claims. All nine selective rock samples contain anomalous copper values ranging from 260ppm to 13100ppm. Gold was anomalous at a 0.1ppm threshold in five of nine rock samples. One rock sample did assay at 30 ppm or grams per ton gold. Silver was also anomalous in six of the nine rock samples up to 7.6ppm.

The geochemical soil survey revealed anomalous copper, gold and zinc within an area measuring 350 metres wide and 600 metres long. This anomalous area shows two mineral trends striking northwest. Copper and zinc anomalies correlate well at many anomalous soil sample sites, while gold is generally found with the anomalous copper sites.

GEOLOGICAL SETTING

The Alberni North claim area is underlain by pillowed to massive basalt and andesite flows of the Upper Triassic Karmutsen Formation (Vancouver Group). Within this group smaller clastic flows are visible as altered fragmental rock. The Karmutsen Formation is intruded by granodiorite and quartz diorite of the Early to Middle Jurassic Island Intrusions. Larger plug intrusions are mapped to the southeast and west of the claim group. A separate group of small dike intrusions of a porphyritic nature is located on the claims.

Fault and shear zone structures appear to strike in a predominantly northwest direction. Some shear zone structures host quartz veins within local silicification and sericitization halos. At least one major silicification event has intruded the Karmutsen Formation within the claim area. Several sporadic quartz stringer zones are mineralized with pyrite and chalcopyrite. One zone is particularly strong and can be traced for 300 metres. Overall, quartz veins greater than 25 cm appear few in number.

ROCK SAMPLE ANALYSIS

Several days of careful prospecting was carried out in the search for mineralized quartz veins and or quartz stockworkings. The previous quartz stockworking zone found in 1997 has been enlarged to include 100 metres of quartz stringers due south of the discovery zone located along the old road bed. This new area stretches from line 1600 to line 1700 southwest of the road bed. The host basalt in this area appears iron enriched and also contains epidote veins mixed with the quartz stockworking.

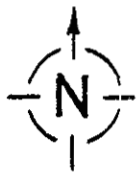
A separate type of argillic alteration is visible along the road bed which is south and east of the quartz stockwork zone. A white mineral that looks like kaolinite is widely dispersed in the host basalt. This argillic zone is visible along the road cut for at least 300 metres and gradually transitions into the quartz stockwork zone.

The rock chip samples collected contain several alterations of the host basalt and andesite which are mainly visible along the logging road cuts. Along with the quartz stockwork zone, several outcrops of basalt show narrow quartz stringers one to four centimetres wide. Some of these narrow quartz stringer zones were chip sampled and are recorded as rock samples R9815-20. Besides quartz, mineral alterations of chlorite, epidote, carbonates, pyrite. and malachite are visible in varying degrees with the rock samples collected for assay.

The nine rock samples analysed show anomalous copper, gold and silver. Although copper is not of ore grade in these samples, at least selectively it appears to be anomalous in a widely dispersed area. Gold at 0.1ppm is anomalous in five rock samples with the nugget effect showing up in R 9813 at a highly anomalous 29.8 ppm. These samples show silver to be in the low grams-per-ton range, and appears to increase in grade with increasing levels of gold. A highlight of each rock sample analysis with rock type and mineral alteration is listed below.

Sample No.	Cu	Au	Ag	All elements are in parts per million
R 9811	1920	0.10	2.1	basalt / quartz-carbonate stockwork
R 9812	2259	0.02	1.2	basalt / quartz stockwork, malachite, pyrite
R 9813	2827	29.80	7.3	basalt / quartz stockwork, minor pyrite
R 9814	4521	0.10	1.0	basalt / quartz stockwork, malachite, pyrite
R 9815	264	0.03	0.9	basalt altered to chlorite / quartz stockwork
R 9816	13153	0.15	3.9	andesite / widespread pyrite, malachite, azurite
R 9817	1237	0.02	0.6	andesite / quartz, epidote, pyrite, chlorite
R 9818	766	0.07	1.2	basalt / quartz stringers
R 9820	7328	0.43	4.6	basalt / epidote, chalcopyrite, pyrite, malachite

ROCK SAMPLE MAP 1 - 1



Quartz stockwork

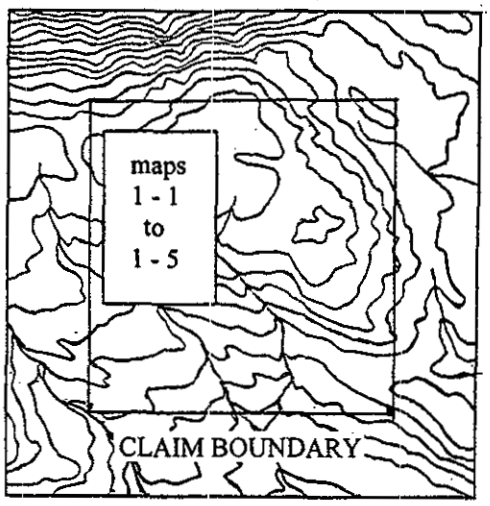
R 98 Rock sample location

Argillic alteration

Old road bed

SCALE IN METRES

0 100 200 300 400 500



R 9820
7300ppm Cu

R 9818
760ppm Cu

800m

720m

R 9817
1200ppm Cu

R 9814
4500ppm Cu

R 9815
260ppm Cu

R 9813
2800ppm Cu
30 gpt Au

R 9816
13100ppm Cu

R 9812
2200ppm Cu

BOOKOUT CREEK

R 9811
1900ppm Cu

680m

GEOCHEMICAL SURVEY

280 soil samples were collected for analysis of both base and precious metals in the northwest region of the Alberni North claim group. B horizon samples were collected from varying depths which ranged from five to eighty centimetres. The sample composition and colour varied significantly throughout the soil survey with many average to marginal B horizon samples collected. As with the 1997 general soil reconnaissance survey, the elements copper, zinc, and gold were used in the identification and interpretation of possible mineral targets. These elements were evaluated on an individual basis both to the threshold levels and to the contouring of anomalous zones within each soil map. Finally, an overlay soil trend map for copper, zinc, and gold is included to identify the strongest areas for potential mineral deposits.

COPPER IN SOILS (map 1-2)

88 soil samples were identified as anomalous for copper at a 100ppm threshold, 30 samples were anomalous at 150ppm, and 9 were highly anomalous at 200ppm and above. A copper soil map with these threshold numbers produced potential areas of copper mineralization. Map 1-2 shows a copper trend which clearly indicates a northwest strike. The largest copper anomaly is about 300 metres wide and 600 metres long.

ZINC IN SOILS (map 1-3)

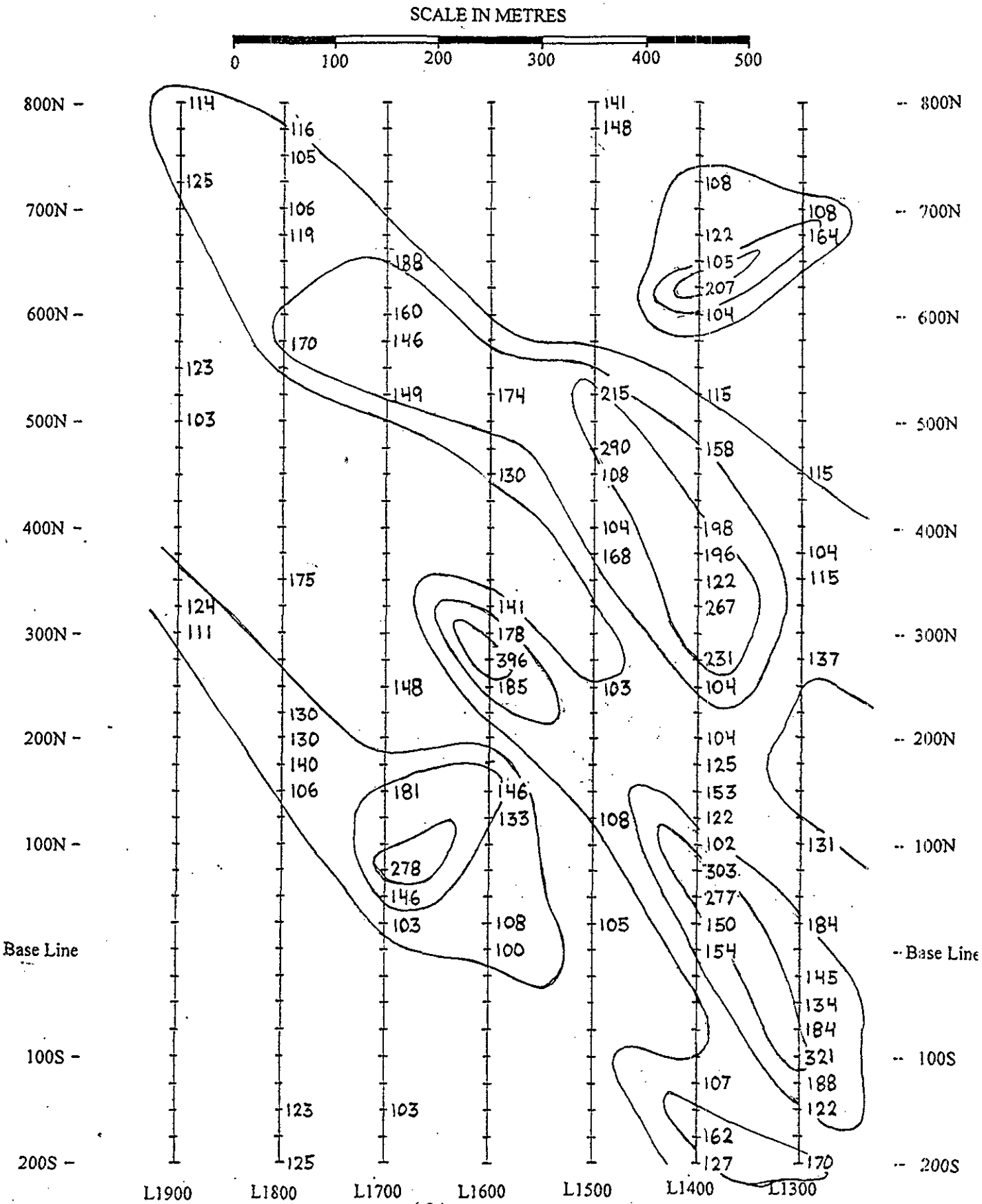
66 soil samples were anomalous for zinc at a 80ppm threshold, 23 samples were anomalous at 100ppm, and 9 were anomalous at 120ppm and above. A zinc map produced two main anomalous zones which because of there close proximity, they may actually be one large zone about 400 metres wide and 600 metres long. As with copper, the zinc trend indicates a northwest strike.

GOLD IN SOILS (map 1-4)

The nugget effect of gold produced problems when attempting to identify an overall gold trend in the soils. Because of gold's more erratic distribution, the lower 10ppb threshold is used. A second threshold of 40ppb is used for higher anomalous sample sites. It appears that the 1998 soil survey did not duplicate the five anomalous gold sample sites taken in 1997 on line 1600. This 1997 gold soil survey is included for line 1600 which was sampled at 50 metre intervals and are shown on this soil map with parenthesis. By including these five samples a nugget effect problem may be reduced as these samples correlate well to make up three anomalous zones. Two possible linear gold zones are marked at 50 to 100 metres wide and 300 metres long and striking in a northwest direction. A larger possible gold trend is outlined and includes four of five contoured zones.

COPPER SOIL MAP 1 - 2

Contours at 100 ppm
150 ppm
200 ppm

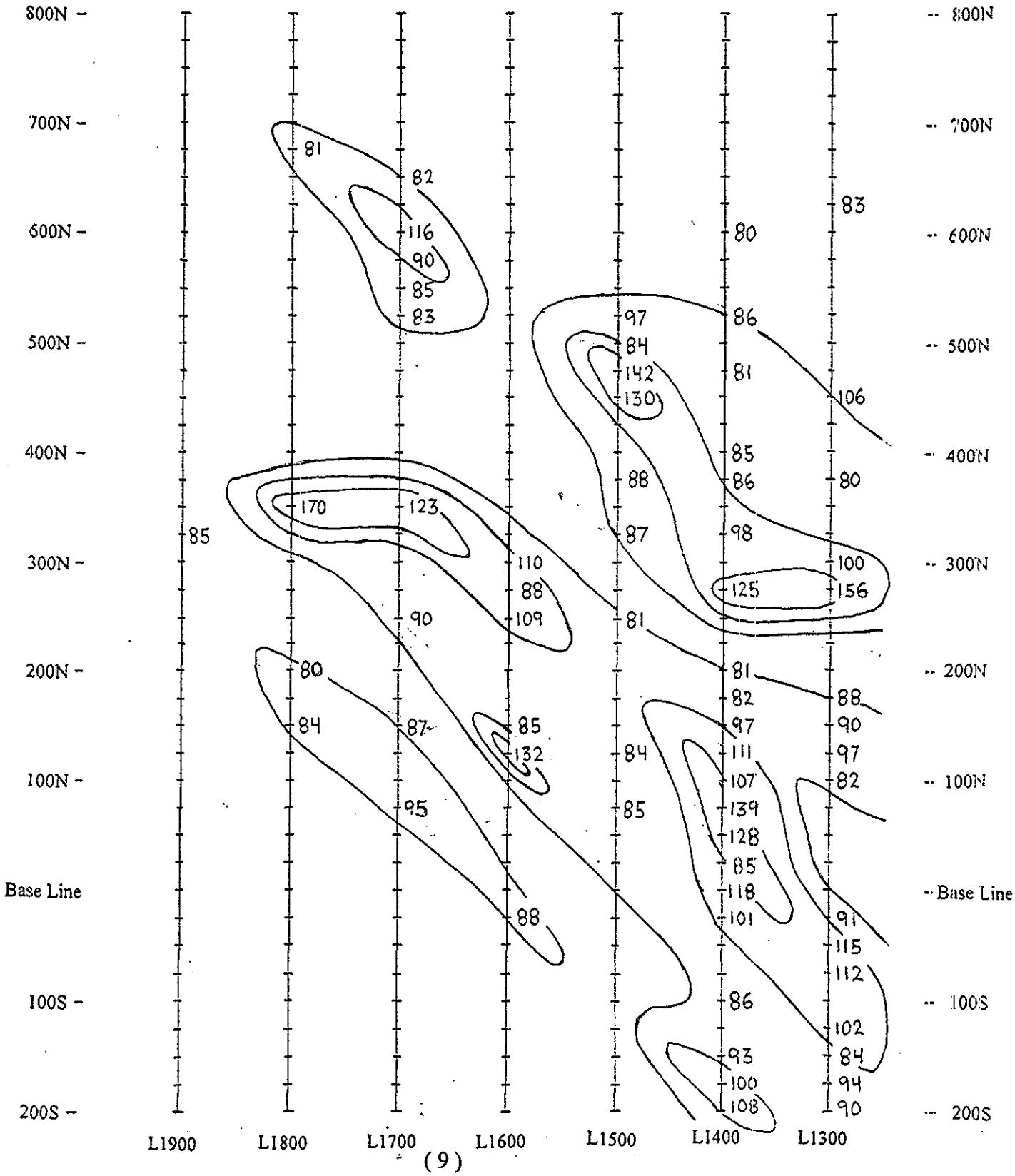


ZINC SOIL MAP 1 - 3

Contours at 80 ppm
100 ppm
120 ppm

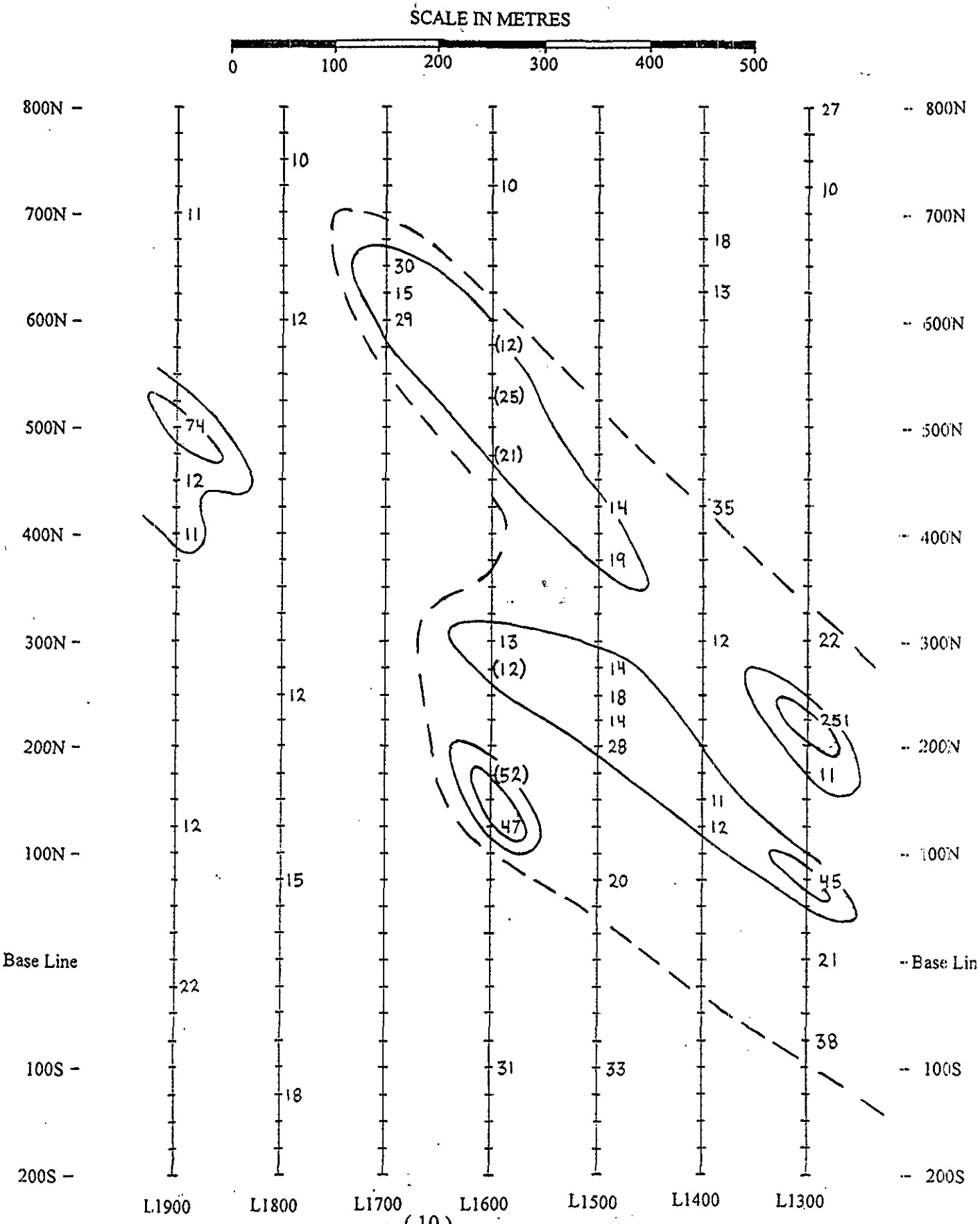
SCALE IN METRES

0 100 200 300 400 500

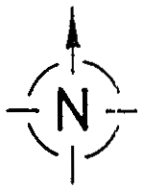


GOLD SOIL MAP 1 - 4

Contours at 10 ppb
40 ppb



COMBINED SOIL OVERLAY MAP 1 - 5



Copper (100 ppm)
Zinc (100 ppm)
Gold (10 ppb)

SCALE IN METRES

0 100 200 300 400 500

800N
700N
600N
500N
400N
300N
200N
100N
Base Line
100S
200S

L1900 L1800 L1700 L1600 L1500 L1400 L1300

COMBINED SOIL OVERLAY (map 1-5)

A final soil map is included in this report for the interpreting of multi-element mineral targets. The copper overlay is marked at 100ppm, the zinc overlay is marked at 100ppm, and the gold overlay is marked at 10ppb. The contours of each previous soil map, according to the threshold numbers described here are overlayed onto a single soil map.

The mineral trends of the three elements correlate well through the consistent overlapping of anomalous zones which are striking in a northwest direction. Zinc is generally confined within the copper trend at the 100ppm threshold. Gold is distributed along and between the zinc anomalies, and follow their trends. These three elements overlap on this map in such a way as to form two distinct and parallel linear trends. This combined anomalous zone measures 350 metres wide and 600 metres long.

SUMMARY OF WORK

23 days were spent working on the Alberni North claims.

Two days were spent clearing the access road of alder and wind falls in order to allow access to the base camp.

Two days were needed to clear a trail from the base camp to the soil grid base line.

One day was used to mark out the base line from line 1200 to line 1900 on the soil grid.

Eleven days were needed to complete the soil sampling program along the seven kilometres of soil lines.

Seven days were spent prospecting in and around the soil grid area and along the logging road cuts, including one day along Bookout creek.

The Notice of Work application required a reclamation bond for the proposed trenches in the program. It was then decided not to conduct any trench work at the present time.

THE DIARY IN THIS REPORT LISTS EACH DAY OF WORK COMPLETED

BRITISH COLUMBIA
PROSPECTORS ASSISTANCE PROGRAM
PROSPECTING REPORT FORM (continued)

B. TECHNICAL REPORT

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Name John Telegus Reference Number 98-99-P64

LOCATION/COMMODITIES

Project Area (as listed in Part A) Juniper Mountain (Liard) MINFILE No. if applicable

Location of Project Area NTS 104 - P - 3 Lat 59° 10' Long 129° 26'

Description of Location and Access Access is by Cusac mining road to Huntergroup creek. Then hiking 2 Km. east to north side of Juniper Mountain.

Main Commodities Searched For GOLD.

Known Mineral Occurrences in Project Area Iron - Carbonate zone with low gold.

WORK PERFORMED

1. Conventional Prospecting (area) 1 square Km. area.
2. Geological Mapping (hectares/scale)
3. Geochemical (type and no. of samples)
4. Geophysical (type and line km)
5. Physical Work (type and amount)
6. Drilling (no. holes, size, depth in m, total m)
7. Other (specify)

SIGNIFICANT RESULTS

Commodities GOLD. Claim Name Juniper.

Location (show on map) Lat Long Elevation

Best assay/sample type 39 gpt. Au rock chip sample.

Description of mineralization, host rocks, anomalies identified in report.

Supporting data must be submitted with this TECHNICAL REPORT

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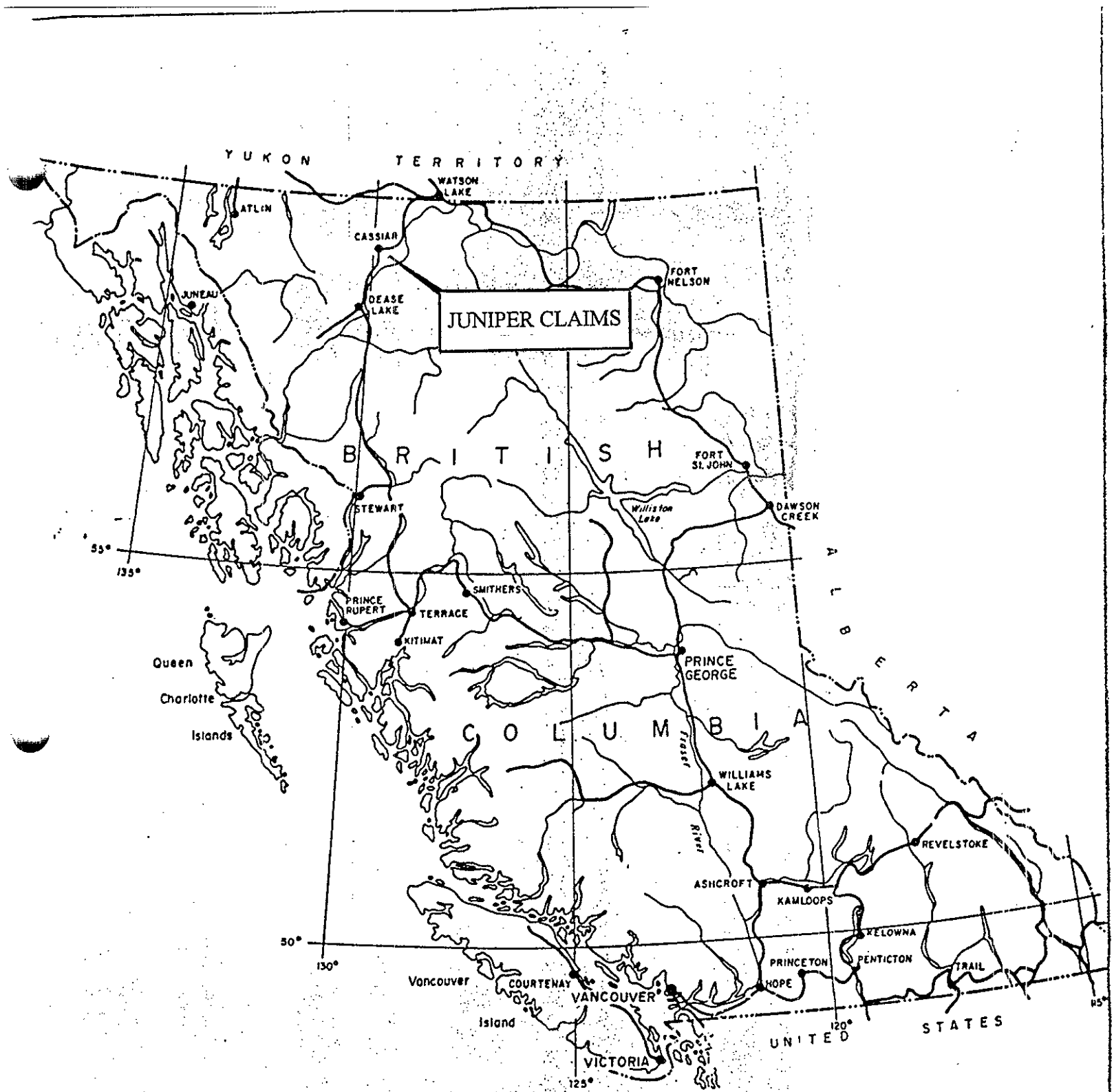
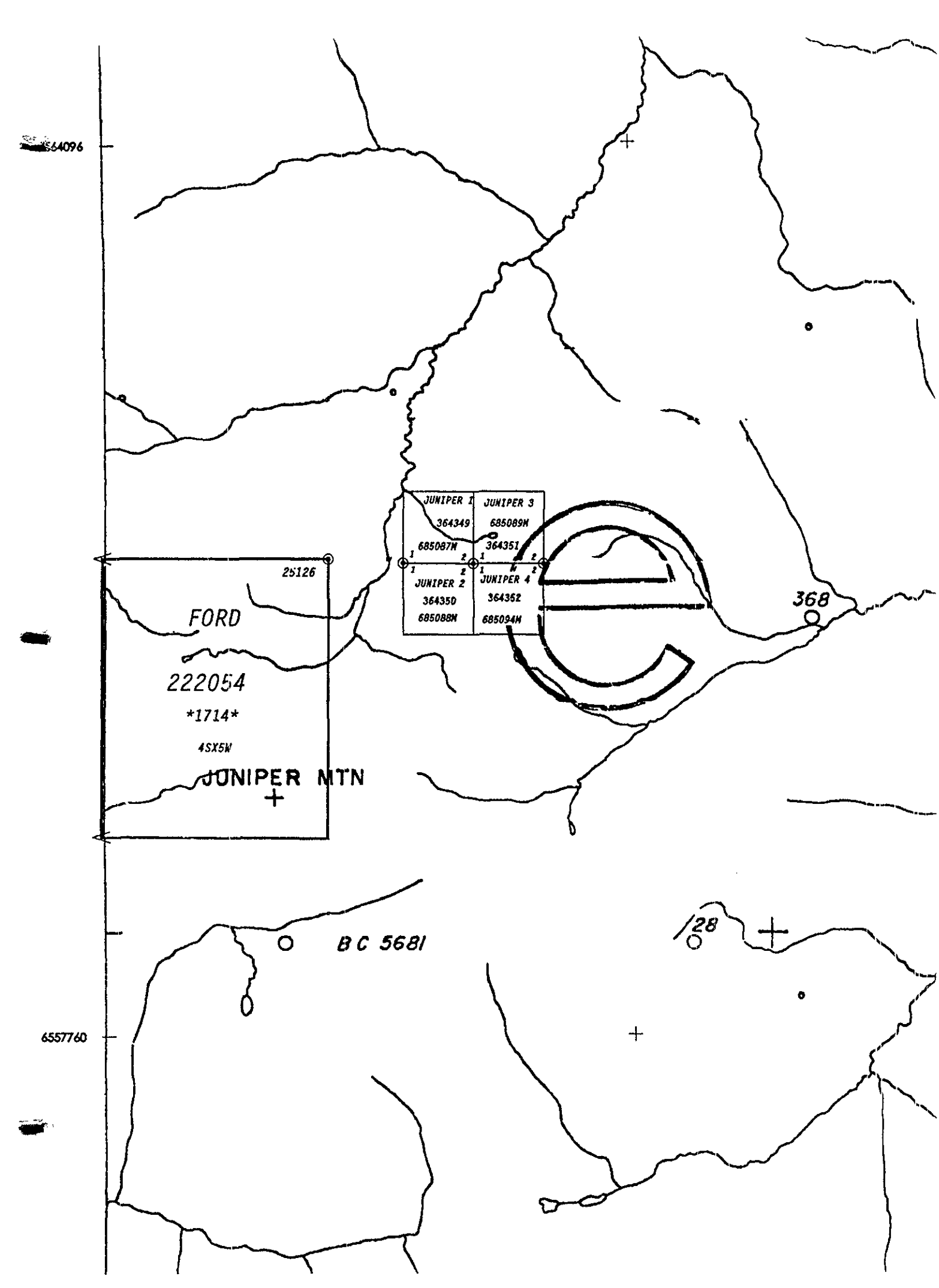


PROPERTY LOCATION MAP

0 100 200 MILES
0 100 200 300 KILOMETRES

DRAWN	PROJECT	DATE	FIG.
			1


564096
JUNIPER 1
364349
685087M
JUNIPER 3
685089M
364351
JUNIPER 2
364350
685088M
JUNIPER 4
364352
685094M
25126
FORD
222054
1714
4SX5W
JUNIPER MTN
368
BC 5681
128
6557760

JUNIPER CLAIMS PROJECT 2

SUMMARY OF RESULTS

The Gold Stock claim area was re-staked in July 12,1998. The four units that were staked are called Juniper 1 through 4. Six days were spent exploring around Juniper Mountain in the McDame region of North Central B.C. Prospecting around the large iron-carbonate alteration zone has identified further listwanite rock alterations, which are a prospective gold targets in the area. Two of seven rock samples analysed reveal anomalous gold at 6gpt and 39gpt. The listwanite alterations and the anomalous gold samples represent a good target in the search for gold deposits in this region.

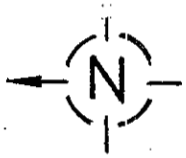
GEOLOGICAL SETTING

The Gold Stock claims are located inside the Sylvester Allochthon which is composed of volcanic and sedimentary complexes. This fault-bounded assemblage of upper Paleozoic chert, greenstone, clastics and ultramafic rocks, thrust over rocks of the North American Craton in Jurassic to early Cretaceous times. Rocks underlying the Gold Stock claims are Sylvester group volcanics and sediments of Late Devonian to Triassic age. Sedimentary lithologies include slate, calcareous siltstone and limestone, while volcanics include basalt and tuff. The major volcanic unit on the claims are basalts that lies below the shale / argillite unit. The contact zone between the basalt and shales are thought to be thrust faults. Another fault strikes generally east-west for one kilometre within the southern shale unit.

GEOLOGY & ROCK ALTERATIONS

Sedimentary shales and pillowed basalts make up the major rock types on the Juniper claims. The shales are altered to argillite in several places. The basalts which make up most of the cliff faces are iron-carbonate enriched to form an orange weathered appearance. Ankerite and chlorite are visible alterations within the basaltic unit. This iron-carbonate alteration zone can be traced for 1000 metres along the cliff face and into a cirque. A separate alteration feature found in the cirque are called listwanites which are iron-carbonate-mariposite in composition. These listwanites are found at three locations within the basaltic unit. The largest listwanites are found in the cirque and can be traced for 100 metres. A new listwanite discovery was also found at the opposite end of the cliff face near Juniper Creek.

ROCK SAMPLE MAP 2 - 1



GS 9801- 07 Rock sample location

Iron-carbonate alteration

Listwanite alteration

SCALE IN METRES

0 500

Contours at 200 feet

CIRQUE

5000ft

GS 9806

GS 9805

GS 9801

GS 9802

GS 9803
39 gpt Au

GS 9807

4000ft

GS 9804
6 gpt Au

JUNIPER CLAIMS

JUNIPER

CREEK

ROCK SAMPLE ANALYSIS

Seven rock chip samples were selected for analysis of major precious and base metals through a 32 element I.C.P. and gold fire assay. These rocks were selected based on their difference in rock composition and secondary mineral alterations.

Of the seven samples analysed, two show anomalous gold, sample 9804 at 6gpt and sample 9803 at 39gpt. These two were collected near a fault zone on a ridge where previous samples returned only slightly anomalous gold up to 2 gpt. Chromium and nickel show enrichment in listwanite bearing samples. There also appears to be a slight enrichment of barium in all samples analysed at 100 to 200 ppm. These anomalous elements with their alterations are positive evidence for prospective gold deposition on the Juniper Claims. A highlight of each rock sample analysis with rock type and mineral alteration is listed below.

Sample No.	Au	Ag	As	All elements are in parts per million
GS 9801	<0.01	<0.5	<5	quartz stringers in shale
GS 9802	<0.01	0.7	<5	quartz stringers in shale / pyrite
GS 9803	38.99	2.2	31	quartz-carbonate, argillite / pyrite
GS 9804	5.95	0.9	143	quartz-carbonate, argillite / pyrite
GS 9805	0.05	0.8	128	basalt / listwanite, pyrite
GS 9806	0.02	<0.5	120	basalt / listwanite, pyrite
GS 9807	0.13	0.6	77	quartz-carbonate / pyrite

GEOCHEMICAL SURVEY

A limited soil geochemical survey was planed for the Juniper claims during the 1998 prospecting program. A base line was set up in an east-west direction along the mountain ridge where sparse vegetation is growing. This vegetation consists of mainly grass and some small shrubs. Test soil samples revealed limited soil depths and no B horizon soils could be found. This part of the prospecting program was subsequently cancelled.

THE DAILY DIARY

ALBERNI NORTH
PROJECT 1

MAN DAYS OF WORK	DATE		WORK PREFORMED
2	JUNE	21	clear the claim access road
2		22	"
2		23	clear trail to base line 1600
2		24	"
2		25	mark base line 1200 to 1600
2	JULY	20	soil sample line 1300 and 1400
2		21	" 1300 and 1400
2		22	" 1500 and 1600
2		23	" 1500 and 1600
2		24	" 1700
2		25	mark out base line 1600 to 1900
1		30	soil sample line 1700
1		31	" 1800
1	AUG.	01	" 1800
1		02	" 1900
1		03	" 1900 finnish soils
1	AUG.	19	prospect quartz stockwork zone
1		20	"
1		21	prospect Bookout Creek
1		22	prospect northwest of stockwork zone
1	SEPT	10	prospect east of stockwork zone
1		11	prospect north of stockwork zone
1		12	prospect stockwork zone area.

JUNIPER CLAIMS
PROJECT 2

2	JULY	08	travel north to claims
2		09	"
2		10	mark out trail from road to claims
2		11	prospect along Juniper Creek and tributaries
2		12	stake new claims and mark out base line
2		13	prospect ridge area
2		14	prospect cirque area
2		15	prospect cliff area
2		16	travel back to victoria
2		17	"

33 WORK DAYS

APPENDIX

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

Telegus, John File # 9804779

38 Lewis St., Victoria BC V8V 2E8 Submitted by: John Telegus

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	Al %	Na %	K %	W ppm	Zr ppm	Sn ppm	Y ppm	Nb ppm	Be ppm	Sc ppm	Au** ppb
GS 9801	3	20	12	64	<.5	18	5	305	3.03	<5	<10	<4	4	27	.7	<5	<5	38	.12	.035	19	37	1.28	204	.17	3.77	.96	.44	5	40	<2	6	7	<1	4	<2
GS 9802	5	14	12	60	.7	16	5	320	2.94	<5	<10	<4	4	31	.8	<5	<5	41	.13	.044	23	46	1.19	214	.20	4.06	1.21	.49	4	45	<2	7	7	<1	4	<2
GS 9803	<2	28	20	76	2.2	16	17	1664	7.18	31	<10	10	<2	8	1.2	17	<5	129	.25	.088	5	6	.39	271	.93	7.81	.03	.04	10	20	<2	23	3	<1	15	38996
GS 9804	3	19	6	25	.9	641	56	1627	5.90	143	<10	8	<2	161	1.1	129	<5	28	12.38	<.002	<2	590	5.38	156	.02	.49	.04	.12	6	<2	<2	7	<2	<1	5	5951
GS 9805	<2	22	<5	47	.8	1268	65	1400	6.05	128	<10	<4	<2	189	.8	115	5	29	15.78	<.002	<2	1475	6.61	152	.01	.25	.03	.02	4	<2	<2	4	<2	<1	5	51
GS 9806	<2	13	5	40	<.5	1030	55	1179	4.85	120	<10	<4	<2	246	.7	115	<5	20	15.75	<.002	<2	1205	7.53	120	<.01	.19	.03	.03	<4	<2	<2	3	<2	<1	4	26
GS 9807	<2	3	<5	19	.6	120	12	3017	3.93	77	<10	<4	<2	236	.9	53	<5	32	19.02	<.002	<2	155	7.78	112	.06	.58	.02	.02	9	<2	<2	15	<2	<1	6	130
RE GS 9807	<2	4	<5	19	<.5	122	12	3139	4.06	80	<10	<4	<2	244	.9	56	<5	33	19.74	.005	<2	146	8.07	115	.06	.61	.02	.03	8	<2	<2	15	<2	<1	6	101
R 9811	<2	1920	348	530	2.1	79	34	1367	8.13	5	<10	<4	<2	14	7.2	<5	<5	227	1.97	.030	3	116	3.57	95	.43	5.46	.03	.42	<4	13	<2	7	<2	<1	19	133
R 9812	<2	2259	82	456	1.2	40	19	862	4.13	<5	<10	<4	<2	100	7.3	<5	<5	125	5.25	.022	<2	52	1.82	42	.24	3.18	.01	<.01	<4	6	<2	8	3	<1	10	23
R 9813	4	2827	1575	83	7.3	31	14	560	3.66	5	<10	14	<2	9	1.3	5	<5	103	.78	.018	<2	59	1.39	42	.15	2.37	.03	.17	5	15	<2	3	2	<1	7	29816
R 9814	3	4521	222	344	1.0	27	12	805	3.11	<5	<10	<4	<2	83	6.7	<5	<5	82	6.31	.018	4	37	1.13	33	.14	2.09	.02	.14	<4	3	<2	8	2	<1	8	106
R 9815	<2	264	11	61	.9	86	41	1135	7.88	<5	<10	<4	4	85	1.7	<5	<5	299	12.21	.040	6	134	3.46	9	.78	7.95	.94	<.01	<4	48	<2	20	<2	<1	27	32
R 9816	<2	13153	<5	59	3.9	75	35	1447	6.71	<5	<10	<4	<2	153	2.4	6	<5	298	7.17	.045	3	155	3.36	12	.69	5.99	3.21	.01	<4	55	<2	20	2	<1	27	150
R 9817	2	1237	5	40	.6	37	24	1631	5.86	9	<10	<4	<2	294	1.1	<5	<5	268	8.19	.066	7	47	2.35	10	.70	5.16	2.16	<.01	7	57	<2	23	4	<1	19	20
R 9818	<2	766	<5	55	1.2	40	30	1030	8.42	6	18	<4	<2	200	1.8	5	<5	304	12.88	.025	16	37	2.04	17	.70	9.09	.58	.02	<4	53	<2	19	<2	<1	18	70
R 9820	2	7328	19	52	4.6	67	37	1205	15.45	9	18	<4	<2	672	4.2	<5	<5	277	11.73	.022	44	85	2.71	8	.48	6.49	.39	.03	<4	21	<2	13	<2	<1	17	434
STANDARD CT3/AU-R	25	63	41	167	5.5	39	13	891	3.90	51	20	<4	22	226	23.3	17	26	130	1.54	.088	26	242	.96	998	.38	7.10	1.71	1.84	33	44	18	16	16	5	9	465
STANDARD G-2	<2	5	17	49	.5	10	5	728	2.36	<5	<10	<4	8	768	.8	7	<5	55	2.94	.089	26	80	.77	1005	.24	8.91	2.62	3.00	5	8	<2	18	19	2	5	<2

ICP - .250 GRAM SAMPLE IS DIGESTED WITH 10ML HCLO4-HNO3-HCL-HF AT 200 DEG. C TO FUMING AND IS DILUTED TO 10 ML WITH DILUTED AQUA REGIA. THIS LEACH IS PARTIAL FOR MAGNETITE, CHROMITE, BARITE, OXIDES OF AL,W,ZR & MN AND MASSIVE SULFIDE SAMPLES. AS, CR, SB, AU SUBJECT TO LOSS BY VOLATILIZATION DURING HCLO4 FUMING.
- SAMPLE TYPE: ROCK AU** BY FIRE ASSAY & ANALYSIS BY ICP/GRAPHITE FURNACE.(30 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: OCT 28 1998 **DATE REPORT MAILED:** Nov 3/98 **SIGNED BY** C. Leong .D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Assay recommended for Cu >1%
Au >1000 ppb

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 EXTRACTION-ANALYSIS CERTIFICATE

Telegus, John PROJECT ALBERNI NORTH File # 9803267 Page 1

38 Lewis St., Victoria BC V8V 2E8 Submitted by: John Telegus

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	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	Au+ ppb
L1300 800N	.3	46.1	3.5	34.8	60	15	9	309	6.08	1.1	<5	<2	10	.13	<.2	<.2	240	.16	.039	2	45	.42	16	.28	<3	2.29	.01	.01	<2	<.2	59	.3	<.2	10.6	27
L1300 775N	1.0	98.5	3.7	45.5	158	17	11	287	6.63	1.7	<5	<2	9	.16	.2	<.2	257	.16	.068	3	50	.46	19	.31	<3	4.89	.01	.02	<2	<.2	194	.8	<.2	11.6	2
L1300 750N	.8	28.1	3.5	25.9	123	10	7	258	5.74	<.5	<5	<2	9	.18	<.2	<.2	242	.21	.032	2	32	.28	16	.41	<3	1.39	.01	.02	<2	<.2	39	.3	<.2	10.4	2
L1300 725N	.8	36.1	5.0	30.4	197	10	6	330	8.78	2.2	<5	<2	7	.13	.2	<.2	413	.14	.059	1	49	.25	11	.35	<3	2.07	.01	.01	<2	<.2	115	<.3	<.2	19.0	10
L1300 700N	.9	108.4	5.1	54.3	213	20	13	525	8.07	2.2	<5	<2	9	.11	.3	<.2	318	.15	.061	3	56	.57	21	.34	<3	4.09	.01	.02	<2	<.2	264	.7	<.2	14.4	2
L1300 675N	.9	164.2	2.2	82.6	86	37	22	563	9.16	3.9	5	<2	10	.12	<.2	<.2	325	.17	.056	1	81	1.32	25	.40	<3	5.87	.01	.03	<2	<.2	137	.8	<.2	15.8	6
L1300 650N	.5	27.3	6.5	39.5	80	10	4	280	7.22	<.5	<5	<2	6	.07	<.2	<.2	351	.12	.030	1	29	.06	15	.56	<3	.72	.01	.02	<2	<.2	49	<.3	<.2	12.7	6
L1300 625N	1.1	44.3	5.1	38.7	156	14	9	411	10.58	1.5	<5	<2	7	.18	.4	<.2	480	.12	.052	2	50	.26	15	.50	<3	2.01	.01	.02	<2	<.2	66	.3	<.2	26.7	1
L1300 600N	.6	49.6	5.3	28.4	198	11	6	247	7.91	1.0	5	<2	6	.07	.6	<.2	317	.11	.041	1	37	.26	9	.42	<3	1.86	.01	.02	<2	<.2	180	<.3	<.2	14.7	6
L1300 575N	1.0	59.4	4.0	23.9	123	12	7	166	9.48	.9	<5	<2	7	.39	.3	<.2	361	.14	.025	1	72	.34	9	.50	<3	2.89	.01	.02	<2	<.2	144	<.3	<.2	16.0	1
L1300 550N	1.7	68.2	10.2	50.7	39	15	9	269	9.83	1.7	<5	<2	7	.10	.3	<.2	369	.15	.039	1	52	.49	15	.57	<3	3.18	.01	.02	<2	<.2	58	<.3	<.2	18.4	2
L1300 525N	1.2	65.6	7.3	38.6	<30	16	9	296	9.29	.6	<5	<2	8	.08	.3	<.2	391	.17	.041	2	55	.50	19	.42	<3	3.75	.01	.03	<2	<.2	86	<.3	<.2	19.5	3
L1300 500N	.6	55.4	3.0	46.4	69	14	10	523	7.89	1.2	<5	<2	7	.06	.2	<.2	327	.16	.045	2	43	.38	17	.25	<3	2.59	.01	.02	<2	<.2	59	<.3	<.2	13.1	1
L1300 475N	.7	55.5	5.0	33.3	71	12	8	284	6.97	1.7	<5	<2	9	.09	.2	<.2	311	.17	.054	3	37	.33	19	.29	<3	2.25	.01	.02	<2	<.2	37	<.3	<.2	13.6	3
L1300 450N	1.2	114.7	4.7	106.5	<30	26	18	897	9.81	3.7	<5	<2	10	.18	.4	<.2	334	.25	.114	2	53	.92	21	.49	4	3.57	.01	.05	<2	<.2	136	<.3	<.2	16.4	4
L1300 425N	.8	56.7	8.7	62.9	90	14	13	1697	7.48	1.4	<5	<2	9	.28	.2	<.2	287	.28	.065	2	28	.34	29	.38	3	1.93	.01	.03	<2	<.2	90	<.3	<.2	11.8	4
L1300 400N	.4	93.5	5.4	69.2	62	14	13	1210	7.94	<.5	<5	2	11	.13	<.2	<.2	231	.25	.069	3	38	.23	28	.43	<3	2.57	.01	.02	<2	<.2	98	<.3	<.2	10.3	4
RE L1300 400N	.6	90.0	5.7	67.2	75	13	13	1124	7.56	.8	<5	2	12	.12	<.2	<.2	219	.25	.068	3	34	.22	27	.43	<3	2.52	.01	.03	<2	<.2	99	<.3	<.2	10.7	3
L1300 375N	4.0	103.7	5.4	80.3	100	20	16	710	9.46	2.7	<5	2	9	.11	.2	<.2	349	.20	.117	2	41	.67	20	.54	<3	3.51	.01	.04	<2	<.2	101	<.3	<.2	13.1	3
L1300 350N	1.2	115.1	4.9	63.8	167	26	17	535	8.39	3.1	<5	2	11	.11	.3	<.2	302	.18	.056	2	57	.86	22	.34	<3	3.70	.01	.04	<2	<.2	151	<.3	<.2	15.1	4
L1300 325N	.5	42.6	7.6	63.8	<30	12	9	1119	10.08	.7	<5	<2	7	.14	.2	<.2	437	.12	.078	1	44	.20	16	.69	<3	1.85	.01	.02	<2	<.2	94	<.3	<.2	14.1	2
L1300 300N	.6	49.0	18.9	100.1	273	14	28	4795	8.05	3.2	<5	<2	22	.25	.2	<.2	314	.22	.072	2	31	.44	76	.49	4	2.29	.02	.04	<2	<.2	101	<.3	<.2	10.5	22
L1300 275N	.7	137.4	7.7	156.2	95	33	42	7297	8.04	1.4	<5	<2	23	.68	.2	<.2	288	.62	.110	7	34	.79	87	.50	<3	3.16	.01	.05	<2	<.2	133	<.3	<.2	9.4	4
L1300 250N	.6	75.5	8.8	57.9	304	13	23	1362	5.52	.7	<5	<2	9	.19	<.2	<.2	213	.24	.052	5	21	.39	32	.05	<3	1.80	.01	.04	<2	<.2	91	<.3	<.2	7.2	7
L1300 225N	1.1	84.1	7.1	67.0	166	20	20	1225	6.21	1.1	<5	<2	15	.19	<.2	<.2	293	.63	.053	3	49	.65	35	.26	<3	2.77	.01	.03	<2	<.2	94	<.3	<.2	9.3	251
L1300 200N	1.0	26.9	10.0	31.0	88	8	6	997	5.45	1.4	<5	<2	14	.23	.3	<.2	262	.31	.049	1	20	.17	32	.55	<3	.95	.01	.03	<2	<.2	64	<.3	<.2	10.6	9
L1300 175N	.7	87.8	9.0	87.7	311	17	19	1842	6.37	1.9	<5	<2	10	.46	.3	<.2	239	.28	.066	1	36	.46	31	.48	3	1.83	.01	.04	<2	<.2	120	<.3	<.2	8.3	11
L1300 150N	.7	63.8	4.7	89.1	208	23	16	492	5.78	1.7	<5	<2	14	.47	.2	<.2	195	.39	.059	2	36	.71	27	.32	<3	2.58	.01	.06	<2	<.2	73	<.3	<.2	8.3	4
L1300 125N	.9	84.9	14.7	97.4	75	27	26	4696	5.50	1.6	<5	<2	18	.59	.2	<.2	192	.65	.060	5	34	.72	80	.30	4	2.80	.01	.04	<2	<.2	108	<.3	<.2	7.2	4
L1300 100N	.8	131.0	10.5	82.2	80	32	23	1259	7.86	2.8	<5	<2	10	.23	.2	<.2	284	.36	.081	1	52	1.07	27	.47	<3	3.84	.01	.03	<2	<.2	93	<.3	<.2	9.4	3
L1300 75N	.5	31.7	4.8	33.2	275	7	6	654	5.15	1.0	<5	<2	5	.11	.2	<.2	217	.21	.048	<1	16	.20	16	.59	<3	.94	.01	.03	<2	<.2	67	<.3	<.2	6.3	45
L1300 50N	.7	85.4	7.2	65.3	97	21	15	1265	8.83	1.5	<5	<2	10	.13	.2	<.2	321	.40	.078	<1	48	.62	34	.58	3	3.05	.01	.02	<2	<.2	78	<.3	<.2	11.0	8
L1300 25N	.7	184.3	2.9	78.1	202	33	22	604	7.35	2.0	<5	<2	9	.09	.2	<.2	270	.31	.058	1	49	1.07	23	.62	4	3.63	.01	.03	<2	<.2	73	<.3	<.2	9.8	2
L1300 00	.5	52.1	4.2	39.8	160	19	10	414	6.34	1.4	<5	<2	11	.10	.3	<.2	290	.35	.045	1	48	.53	21	.52	<3	1.74	.01	.03	<2	<.2	75	<.3	<.2	9.7	21
STANDARD D2/C	23.9	123.7	100.4	283.9	2091	31	17	1092	4.28	71.4	24	22	62	1.97	8.9	20.0	77	.71	.107	18	59	1.13	269	.15	29	2.46	.05	.72	16	1.9	949	.8	1.8	6.4	57

Standard is STANDARD D2/C3/AU-S.

ICP - 15 GRAM SAMPLE IS DIGESTED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 300 ML WITH WATER. THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K GA AND AL. SOLUTION ANALYSED DIRECTLY BY ICP. MO CU PB ZN AG AS AU CD SB BI TL HG SE TE AND GA ARE EXTRACTED WITH MIBK-ALIQUAT 336 AND ANALYSED BY ICP. ELEVATED DETECTION LIMITS FOR SAMPLES CONTAIN CU,PB,ZN,AS>1500 PPM,Fe>20%.

- SAMPLE TYPE: SOIL AU+ - AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: AUG 5 1998 DATE REPORT MAILED: Aug 13/98 SIGNED BY: C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

Data F FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	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	Au+ ppb
L1300 25S	1.1	144.8	6.6	90.9	121	40	33	1660	7.11	2.0	<5	<2	13	.12	.3	<.2	259	.40	.049	1	62	1.24	36	.53	<3	3.55	.01	.03	<2	<.2	72	<.3	<.2	11.7	5
L1300 50S	1.9	133.7	8.5	114.7	185	40	35	5997	6.04	1.6	<5	<2	15	.28	.3	<.2	228	.69	.048	8	59	1.10	60	.39	3	3.35	.01	.02	<2	<.2	74	<.3	<.2	9.0	3
L1300 75S	2.4	184.6	6.2	112.0	366	54	40	8155	6.78	1.6	<5	<2	17	.43	.4	<.2	240	.73	.066	19	88	1.41	65	.40	4	4.53	.01	.03	<2	<.2	114	.4	<.2	11.6	38
L1300 100S	1.7	321.2	5.4	55.4	238	25	16	330	6.93	.6	<5	<2	8	.31	.3	1.2	273	.27	.040	2	80	.53	12	.47	<3	3.92	.01	.02	<2	<.2	71	<.3	<.2	14.3	4
L1300 125S	1.6	187.9	4.3	102.1	307	63	36	534	7.72	1.3	5	<2	13	.18	.4	<.2	285	.57	.058	5	86	1.13	21	.50	7	4.93	.01	.02	<2	<.2	57	<.3	<.2	13.4	6
L1300 150S	1.4	122.3	4.5	84.4	127	53	37	1007	7.15	1.7	<5	<2	13	.14	.3	<.2	280	.46	.062	3	70	1.13	22	.49	<3	4.13	.01	.02	<2	<.2	66	<.3	<.2	13.2	3
L1300 175S	1.3	70.0	6.2	93.6	132	20	24	1285	6.49	1.4	<5	<2	24	.12	.9	<.2	215	.29	.094	2	60	.42	22	.37	4	3.74	.01	.02	<2	<.2	121	<.3	<.2	11.2	4
L1300 200S	.6	177.7	6.1	89.2	201	55	34	947	7.88	2.9	<5	<2	19	.09	.2	<.2	271	.30	.048	1	86	1.47	34	.54	6	5.66	.03	.02	<2	<.2	170	<.3	<.2	13.8	3
L1400 800N	.7	61.3	7.0	41.6	99	18	10	321	7.83	2.4	<5	<2	11	.15	.3	<.2	314	.15	.034	3	59	.54	21	.36	<3	2.90	.01	.01	<2	<.2	296	<.3	<.2	15.1	6
RE L1400 800N	.7	59.8	5.3	39.8	60	17	10	313	7.68	1.1	<5	<2	10	.11	.2	<.2	307	.14	.034	3	58	.52	20	.34	<3	2.85	.01	.01	<2	<.2	327	<.3	<.2	14.7	4
L1400 775N	.6	82.4	4.3	62.9	99	19	12	375	7.92	2.0	<5	<2	10	.09	.2	<.2	305	.17	.038	2	59	.58	20	.42	<3	2.98	.01	.01	<2	<.2	53	<.3	<.2	11.9	3
L1400 750N	.9	82.3	5.7	29.6	<30	16	9	262	9.44	1.1	<5	<2	8	.10	.3	<.2	354	.15	.038	2	65	.48	14	.49	<3	3.38	.01	.02	<2	<.2	133	<.3	<.2	16.7	3
L1400 725N	1.1	108.5	3.2	35.9	136	16	14	192	4.32	2.5	<5	<2	6	.08	<.2	<.2	132	.12	.042	3	85	.32	14	.17	<3	14.24	.01	.01	<2	<.2	223	1.1	<.2	5.7	4
L1400 700N	.9	71.1	5.2	42.4	130	18	10	316	9.57	2.8	<5	<2	10	.06	.2	<.2	347	.17	.062	1	74	.60	16	.45	<3	3.89	.01	.02	<2	<.2	181	<.3	<.2	15.8	3
L1400 675N	.9	121.9	4.7	50.8	109	24	14	364	7.89	1.9	<5	<2	12	.11	.2	<.2	294	.19	.049	1	68	.87	20	.35	<3	4.39	.01	.01	<2	<.2	76	<.3	<.2	14.7	18
L1400 650N	1.0	105.0	5.9	35.3	122	17	9	260	7.66	1.2	<5	<2	10	.10	.2	<.2	294	.16	.045	3	57	.57	16	.34	<3	3.38	.01	.02	<2	<.2	185	<.3	<.2	14.9	5
L1400 625N	.7	207.4	5.6	52.1	74	21	13	345	8.05	1.7	<5	<2	12	.11	.2	<.2	309	.18	.044	2	51	.75	16	.50	<3	2.92	.01	.04	<2	<.2	54	<.3	<.2	13.2	13
L1400 600N	.8	104.0	5.0	80.1	46	22	16	417	9.72	3.8	<5	<2	11	.21	.2	<.2	317	.22	.047	2	70	.88	24	.23	<3	4.66	.01	.03	<2	<.2	35	<.3	<.2	17.1	8
L1400 575N	.9	74.0	5.7	53.0	38	15	10	329	8.57	2.5	<5	<2	9	.11	.2	<.2	315	.18	.052	2	56	.51	19	.30	<3	3.28	.01	.02	<2	<.2	86	<.3	<.2	15.9	6
L1400 550N	.4	24.2	7.6	20.7	52	10	6	174	9.14	.8	<5	<2	6	.06	.2	<.2	656	.09	.034	1	46	.09	13	.73	<3	1.02	.01	.02	<2	<.2	22	<.3	<.2	18.7	3
L1400 525N	.7	114.8	4.7	85.5	83	20	20	831	9.75	1.9	<5	2	13	.07	<.2	<.2	374	.12	.066	3	42	.59	26	.05	<3	4.33	.01	.03	<2	<.2	65	<.3	<.2	13.6	3
L1400 500N	.6	60.0	7.0	54.4	143	16	14	598	8.15	1.0	<5	<2	12	.11	<.2	<.2	309	.21	.068	4	39	.38	25	.43	<3	2.61	.01	.02	<2	<.2	97	<.3	<.2	12.4	4
L1400 475N	.9	158.5	6.5	80.9	37	29	24	790	11.13	2.0	<5	<2	15	.11	.2	<.2	418	.26	.071	3	54	1.03	30	.52	<3	4.25	.01	.03	<2	<.2	75	<.3	<.2	17.4	3
L1400 450N	.7	63.9	6.2	50.7	75	14	10	704	11.16	1.3	<5	2	7	.09	.2	<.2	431	.18	.072	1	54	.30	16	.56	<3	2.31	.01	.01	<2	<.2	81	<.3	<.2	18.3	4
L1400 425N	.4	86.5	5.7	60.9	51	18	14	734	8.93	2.0	<5	<2	12	.09	.2	<.2	365	.18	.070	3	46	.62	28	.35	<3	2.93	.01	.02	<2	<.2	67	<.3	<.2	12.8	35
L1400 400N	2.2	198.2	10.4	85.4	440	23	31	1073	11.86	8.4	<5	2	7	.32	.4	<.2	404	.23	.107	<1	59	.54	25	.99	<3	3.00	.01	.03	<2	<.2	115	<.3	<.2	16.8	4
L1400 375N	.9	196.1	6.2	85.5	244	19	22	2250	8.52	1.9	<5	<2	6	.18	<.2	<.2	315	.17	.078	3	58	.41	35	.35	<3	3.13	.01	.02	<2	<.2	73	<.3	<.2	12.4	8
L1400 350N	.6	122.0	5.8	72.3	126	21	20	1917	8.40	1.0	<5	<2	11	.27	<.2	<.2	322	.49	.075	3	57	.52	25	.57	<3	3.24	.01	.01	<2	<.2	61	<.3	<.2	13.0	5
L1400 325N	.9	267.3	5.7	98.3	162	40	30	1720	8.87	3.5	<5	<2	14	.25	.2	<.2	338	.29	.079	3	73	1.28	34	.53	<3	5.04	.01	.02	<2	<.2	100	<.3	<.2	13.5	3
L1400 300N	1.0	78.7	5.3	66.3	161	15	12	413	7.67	2.8	<5	<2	8	.15	<.2	<.2	278	.26	.062	2	40	.41	14	.35	<3	2.30	.01	.02	<2	<.2	75	<.3	<.2	10.1	12
L1400 275N	.8	231.3	2.9	125.3	223	37	37	1013	11.44	3.8	<5	<2	6	.14	<.2	<.2	410	.18	.076	3	53	1.02	16	.86	<3	3.28	.01	.02	<2	<.2	78	<.3	<.2	16.4	8
L1400 250N	.6	104.3	5.0	75.1	105	24	19	1342	7.46	2.2	<5	2	11	.11	<.2	<.2	261	.22	.069	2	47	.74	39	.22	<3	3.70	.01	.03	<2	<.2	62	<.3	<.2	11.3	5
L1400 225N	.6	73.9	5.6	61.3	72	15	12	1166	6.41	1.3	<5	<2	9	.13	<.2	<.2	223	.23	.061	2	37	.48	25	.22	<3	2.69	.01	.01	<2	<.2	71	<.3	<.2	11.0	4
L1400 200N	.9	104.6	5.6	81.0	84	33	23	769	7.42	1.9	<5	2	12	.13	.2	<.2	256	.26	.066	2	54	.99	31	.36	<3	4.51	.01	.03	<2	<.2	62	<.3	<.2	12.1	5
STANDARD D2/C	24.1	123.2	99.3	282.2	2017	32	17	1064	4.31	75.1	15	21	63	1.92	9.6	22.3	78	.72	.109	19	60	1.15	271	.15	29	2.50	.05	.73	15	2.2	1011	.5	1.9	6.7	53

Standard is STANDARD D2/C3/AU-S. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data___ FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	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	Au+ ppb
L1400 175N	.6	125.0	4.1	82.3	101	30	36	748	7.18	2.2	<5	<2	13	.17	<.2	<.2	286	.46	.051	4	43	.85	26	.40	5	3.34	.01	.02	<2	<.2	60	<.3	<.2	10.1	6
L1400 150N	.7	152.9	7.4	96.8	193	29	30	2704	8.80	2.9	<5	2	10	.17	.2	<.2	326	.35	.082	2	49	.86	29	.56	<3	3.50	.01	.02	<2	<.2	78	<.3	<.2	14.4	11
L1400 125N	.7	122.3	5.7	111.3	183	30	40	2446	8.01	2.5	<5	2	9	.25	.2	<.2	305	.29	.063	6	45	.75	30	.49	5	3.22	.01	.02	<2	<.2	95	<.3	<.2	12.9	12
L1400 100N	.7	102.4	6.1	107.2	173	26	25	737	7.77	1.0	<5	2	29	.20	<.2	<.2	289	.35	.065	3	36	.88	24	.67	<3	3.30	.01	.02	<2	<.2	66	<.3	<.2	13.5	4
L1400 75N	1.0	303.0	6.3	139.1	122	45	41	2517	8.88	2.3	<5	<2	12	.38	<.2	<.2	357	.52	.064	4	71	1.43	26	.64	<3	4.30	.01	.02	<2	<.2	111	<.3	<.2	12.7	9
L1400 50N	.8	277.2	3.5	128.1	226	92	44	975	8.53	4.3	<5	<2	21	.36	<.2	<.2	267	.79	.072	5	80	1.98	30	.47	5	6.35	.01	.03	<2	<.2	98	1.2	.2	11.3	3
L1400 25N	.8	149.3	4.8	84.6	203	55	31	1362	6.79	2.7	<5	2	17	.13	.2	<.2	253	.47	.045	3	82	1.47	34	.43	4	4.40	.02	.03	<2	<.2	128	.3	<.2	10.6	4
L1400 00	1.0	153.8	4.5	118.0	164	62	31	769	7.22	3.2	<5	<2	14	.10	.2	<.2	280	.42	.065	2	89	1.50	28	.55	3	4.56	.01	.02	<2	<.2	66	.3	<.2	12.3	4
L1400 25S	.8	78.9	6.1	101.3	214	50	32	932	6.60	2.1	<5	<2	10	.11	.2	<.2	220	.47	.060	1	81	1.34	23	.47	7	4.46	.01	.03	<2	<.2	91	<.3	<.2	11.3	7
L1400 50S	.3	59.2	5.7	76.8	149	27	23	1491	7.07	<.5	<5	<2	13	.13	<.2	<.2	242	.47	.048	3	60	.45	22	.46	3	2.83	.01	.02	<2	<.2	57	<.3	<.2	12.0	4
L1400 75S	.5	84.7	5.0	73.1	145	37	25	752	6.50	1.2	<5	<2	15	.07	.2	<.2	236	.39	.035	2	63	.87	32	.49	3	3.70	.01	.03	<2	<.2	145	1.3	<.2	10.8	4
L1400 100S	.6	91.5	3.9	86.0	108	42	24	665	7.51	1.0	<5	<2	13	.06	<.2	<.2	275	.29	.061	1	81	1.11	23	.59	<3	4.99	.01	.03	<2	<.2	203	.3	<.2	12.8	4
L1400 125S	1.1	107.3	6.6	78.3	150	36	23	650	7.16	4.2	<5	<2	20	.11	.3	.4	253	.28	.039	1	76	1.03	24	.51	<3	4.79	.01	.03	<2	<.2	92	<.3	<.2	11.8	5
L1400 150S	.8	92.2	6.5	93.0	177	41	22	530	7.08	1.9	<5	<2	21	.11	.2	<.2	243	.32	.051	2	77	.99	32	.49	3	5.43	.01	.04	<2	<.2	137	<.3	<.2	16.4	4
L1400 175S	.5	162.1	3.9	99.4	113	63	32	663	8.35	1.4	<5	<2	18	.05	<.2	<.2	283	.27	.039	1	87	1.60	36	.53	<3	5.76	.02	.03	<2	<.2	77	<.3	<.2	17.0	2
L1400 200S	.7	127.5	4.7	108.4	200	57	29	664	8.26	3.4	<5	<2	25	.09	.2	<.2	288	.25	.059	1	91	1.63	31	.57	3	6.25	.01	.03	<2	<.2	169	.4	<.2	13.0	6
L1500 800N	.8	133.8	6.1	57.8	166	23	16	387	9.99	5.6	<5	<2	9	.12	.2	<.2	350	.17	.045	2	72	.84	34	.42	<3	4.72	.01	.02	<2	<.2	170	.5	<.2	16.3	4
RE L1500 800N	.6	141.2	5.0	61.5	158	25	16	410	10.42	5.8	<5	2	9	.11	.2	<.2	364	.18	.045	2	75	.90	36	.43	<3	4.95	.01	.02	<2	<.2	162	.4	<.2	15.0	4
L1500 775N	1.1	148.1	4.1	50.6	113	26	16	331	6.78	5.1	<5	<2	14	.11	<.2	<.2	233	.22	.033	3	78	.86	32	.29	4	6.46	.01	.02	<2	<.2	209	.7	<.2	11.2	2
L1500 750N	.7	39.9	7.6	26.9	261	10	7	173	6.66	3.4	<5	2	9	.07	.2	<.2	277	.18	.029	2	45	.23	18	.36	<3	2.22	.01	.01	<2	<.2	85	<.3	<.2	11.3	7
L1500 725N	.9	63.3	7.7	47.9	196	18	11	337	7.38	1.8	<5	<2	13	.07	.2	<.2	302	.22	.073	2	54	.52	20	.39	<3	3.12	.01	.03	<2	<.2	121	<.3	<.2	14.5	3
L1500 700N	.7	96.6	8.1	43.1	430	19	13	410	7.07	2.6	<5	3	12	.07	.2	<.2	249	.18	.053	4	47	.61	20	.31	<3	3.33	.01	.03	<2	<.2	182	<.3	<.2	14.1	4
L1500 675N	.4	90.4	6.2	47.2	97	19	12	562	7.59	2.6	<5	<2	13	.05	.2	<.2	290	.18	.054	2	58	.62	20	.35	<3	3.13	.01	.02	<2	<.2	59	<.3	<.2	14.0	5
L1500 650N	.7	72.0	11.6	38.8	198	12	10	271	8.57	2.6	<5	<2	6	.05	.3	<.2	303	.08	.082	3	32	.40	14	.22	3	2.37	.01	.04	<2	<.2	88	<.3	<.2	20.2	1
L1500 625N	.6	94.1	6.6	49.3	200	15	23	593	7.08	2.0	<5	2	9	.12	.2	<.2	270	.18	.064	3	42	.41	16	.37	3	3.35	.02	.02	<2	<.2	72	<.3	<.2	14.2	1
L1500 600N	.5	10.2	12.5	8.8	<30	3	2	88	6.42	1.3	<5	<2	4	.01	.2	<.2	615	.05	.031	1	27	.04	7	.61	<3	.64	.01	.01	<2	<.2	<10	<.3	<.2	18.7	8
L1500 575N	.7	30.6	7.4	24.6	125	10	6	293	9.85	1.4	<5	<2	7	.03	<.2	<.2	435	.10	.051	1	43	.26	8	.66	<3	1.58	.01	.01	<2	<.2	75	<.3	<.2	16.1	4
L1500 550N	.6	71.4	8.7	61.5	145	19	14	833	8.47	1.8	<5	<2	11	.07	.2	<.2	327	.19	.078	2	45	.68	22	.47	<3	2.93	.01	.03	<2	<.2	123	<.3	<.2	14.8	1
L1500 525N	1.0	214.9	7.4	97.4	126	39	26	1137	8.55	5.0	<5	3	12	.25	.2	<.2	294	.33	.163	4	67	1.21	25	.49	5	5.15	.01	.04	<2	<.2	176	.7	<.2	16.9	2
L1500 500N	.6	90.3	8.3	83.9	56	20	19	2414	7.42	2.1	<5	<2	12	.19	<.2	<.2	295	.31	.125	3	38	.55	33	.43	<3	2.41	.01	.03	<2	<.2	58	<.3	<.2	13.6	1
L1500 475N	1.1	290.0	6.0	142.0	384	33	221	6044	5.74	3.9	<5	3	7	.46	<.2	1.1	148	.19	.223	13	88	.33	26	.21	12	12.00	.01	.02	<2	<.2	265	1.7	<.2	8.5	2
L1500 450N	.7	107.7	8.5	130.2	438	23	54	5358	8.62	3.5	<5	2	10	.62	.4	<.2	287	.21	.109	3	43	.68	44	.36	<3	2.44	.01	.02	<2	<.2	118	<.3	<.2	14.1	9
L1500 425N	.8	64.3	6.3	56.8	225	16	14	433	8.13	2.9	<5	<2	7	.69	.2	<.2	284	.13	.055	1	38	.47	14	.46	3	2.32	.01	.02	<2	<.2	65	<.3	<.2	15.5	14
L1500 400N	.8	104.5	6.0	65.4	200	16	15	568	6.68	2.6	<5	<2	8	.50	<.2	<.2	253	.19	.069	2	34	.57	27	.11	<3	3.33	.01	.03	<2	<.2	61	<.3	<.2	13.0	<1
STANDARD D2/C	23.8	121.5	103.4	280.5	1834	31	17	1083	4.26	78.6	22	23	61	2.22	8.3	20.9	76	.71	.105	19	57	1.12	263	.15	27	2.46	.05	.71	15	2.4	989	.4	2.1	6.4	55

Standard is STANDARD D2/C3/AU-S. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	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	Au+ ppb
L1500 375N	.7	168.7	6.3	88.1	84	35	33	1060	7.82	2.1	<5	2	7	.19	.2	<.2	313	.29	.052	2	37	1.98	17	.38	<3	3.62	.01	.02	<2	<.2	126	<.3	<.2	18.1	19
L1500 350N	.8	84.8	3.9	61.5	108	14	16	859	8.34	2.0	<5	2	5	.18	.4	<.2	288	.21	.097	1	32	.35	14	.41	<3	1.85	.01	.01	<2	<.2	69	<.3	<.2	15.4	8
L1500 325N	.6	93.7	5.7	86.6	237	27	20	637	6.16	.6	<5	<2	9	.44	.2	<.2	207	.23	.056	2	45	.63	25	.33	<3	2.67	.01	.02	<2	<.2	72	<.3	<.2	13.2	3
L1500 300N	.6	44.0	5.1	52.8	83	19	12	508	5.27	1.5	5	<2	12	.31	<.2	<.2	191	.25	.035	1	34	.59	30	.22	<3	2.15	.01	.02	<2	<.2	47	<.3	<.2	10.1	1
L1500 275N	.5	89.8	6.5	74.9	115	20	15	382	8.56	<.5	<5	<2	8	.63	.2	<.2	235	.28	.048	3	38	.27	17	.43	5	2.34	.01	.01	<2	<.2	39	<.3	<.2	16.4	14
L1500 250N	1.0	103.0	22.3	81.4	41	18	26	2690	8.03	2.3	<5	<2	11	.36	.2	<.2	364	.52	.092	2	33	.63	32	.56	<3	2.14	.01	.04	<2	<.2	67	<.3	<.2	17.4	18
L1500 225N	.9	78.4	27.4	77.1	422	17	16	1033	6.05	1.4	<5	<2	12	.54	.2	<.2	229	.48	.049	2	28	.53	30	.39	5	2.08	.01	.03	<2	<.2	94	<.3	<.2	10.5	14
L1500 200N	.7	75.4	7.9	65.3	160	20	22	2063	5.80	4.0	<5	<2	11	.38	.2	<.2	259	1.09	.065	1	49	.72	25	.60	11	2.35	.01	.02	<2	<.2	117	<.3	<.2	10.5	28
L1500 175N	.5	26.9	5.2	41.3	178	22	19	925	4.32	1.1	<5	<2	7	.12	.2	<.2	168	.31	.025	1	59	.61	21	.35	3	1.77	.01	.02	<2	<.2	71	<.3	<.2	9.4	3
L1500 150N	.5	71.3	5.3	64.6	126	28	17	720	5.64	2.6	<5	<2	14	.11	.2	<.2	216	.30	.046	1	54	.89	32	.33	4	2.74	.01	.03	<2	<.2	96	<.3	<.2	12.0	3
L1500 125N	.8	108.0	4.6	84.3	253	46	23	615	6.97	3.4	<5	<2	17	.15	.3	<.2	251	.31	.056	2	81	1.37	30	.46	7	4.35	.01	.02	<2	<.2	307	.4	<.2	12.6	2
L1500 100N	.8	53.2	5.6	66.0	227	29	15	411	6.12	1.3	<5	<2	14	.16	.2	<.2	233	.32	.051	1	61	.85	24	.43	<3	2.71	.01	.02	<2	<.2	126	<.3	<.2	13.3	6
L1500 75N	.6	62.1	5.8	85.0	131	31	22	1009	5.91	1.7	<5	2	17	.21	.2	<.2	211	.39	.051	2	65	.86	24	.37	3	3.01	.01	.02	<2	<.2	63	<.3	<.2	12.1	20
L1500 50N	.5	64.8	6.5	70.7	99	28	15	611	6.45	1.8	<5	<2	18	.11	.2	<.2	242	.32	.072	1	63	.78	28	.46	5	3.00	.01	.03	<2	<.2	79	<.3	<.2	11.4	2
RE L1500 50N	.7	64.7	7.5	69.0	115	26	15	582	6.10	1.5	<5	<2	18	.12	.2	<.2	228	.33	.068	1	59	.74	27	.43	6	2.92	.01	.03	<2	<.2	77	<.3	<.2	13.0	2
L1500 25N	.8	105.0	4.3	78.4	131	43	22	452	7.09	2.2	<5	<2	14	.12	.3	<.2	258	.29	.050	<1	81	1.14	20	.47	<3	3.94	.01	.03	<2	<.2	92	.3	<.2	15.4	3
L1500 00	.9	70.2	7.9	72.9	118	34	19	617	6.39	2.0	6	<2	19	.13	.3	<.2	256	.43	.051	1	66	.81	29	.44	<3	3.39	.01	.04	<2	<.2	65	<.3	<.2	16.0	3
L1500 25S	.6	48.7	5.1	41.9	139	21	12	406	7.06	1.1	5	<2	10	.11	.2	<.2	287	.33	.040	1	68	.59	15	.42	<3	2.51	.01	.02	<2	<.2	51	<.3	<.2	13.1	3
L1500 50S	.5	45.5	3.3	39.6	133	22	12	290	6.64	1.1	<5	<2	12	.11	<.2	<.2	262	.49	.030	1	60	.52	11	.52	<3	2.61	.01	.01	<2	<.2	41	<.3	<.2	11.4	7
L1500 75S	.4	35.5	3.8	42.1	134	18	10	416	5.45	1.0	6	<2	10	.07	.2	<.2	226	.30	.040	<1	47	.47	12	.50	<3	2.21	.01	.01	<2	<.2	109	<.3	<.2	10.0	3
L1500 100S	1.0	76.8	4.4	55.5	185	28	18	335	7.27	2.3	<5	<2	14	.17	.3	<.2	326	.31	.030	5	84	.69	17	.47	<3	2.86	.01	.01	<2	<.2	93	<.3	<.2	15.9	33
L1500 125S	.5	40.1	4.8	51.4	114	20	12	447	5.40	.8	<5	<2	14	.08	.3	<.2	223	.32	.030	1	45	.56	19	.44	<3	2.27	.01	.01	<2	<.2	56	<.3	<.2	12.9	3
L1500 150S	.6	41.4	3.3	51.3	201	15	10	277	6.52	1.4	<5	<2	8	.08	.3	<.2	255	.22	.040	1	44	.47	22	.22	<3	2.59	.01	.02	<2	.2	106	<.3	<.2	12.5	6
L1500 175S	.4	23.4	4.5	37.8	178	10	6	207	4.81	.6	<5	<2	13	.13	.2	<.2	220	.20	.017	2	31	.27	25	.29	<3	1.59	.01	.01	<2	<.2	35	<.3	<.2	10.3	1
L1500 200S	.5	31.9	3.9	28.8	123	10	6	211	6.60	1.1	<5	<2	11	.06	.3	<.2	293	.17	.032	2	39	.35	17	.40	<3	2.12	.01	.02	<2	<.2	109	<.3	<.2	13.1	2
L1600 800N	.5	83.0	5.1	48.5	125	16	10	456	8.18	4.5	<5	<2	10	.07	.4	<.2	310	.18	.064	2	54	.42	19	.42	<3	2.80	.01	.02	<2	.2	74	<.3	<.2	16.1	3
L1600 775N	.5	64.3	3.9	53.9	147	21	13	419	6.32	2.9	<5	2	10	.07	.2	<.2	249	.18	.047	2	51	.56	27	.34	<3	3.03	.01	.01	<2	.2	165	.4	<.2	12.6	9
L1600 750N	.6	98.0	3.7	43.5	271	22	12	312	7.92	3.9	<5	<2	9	.09	.2	<.2	285	.15	.081	1	70	.69	20	.38	<3	4.01	.01	.02	<2	<.2	301	.4	<.2	14.5	2
L1600 725N	.6	31.9	6.6	31.3	84	11	8	438	7.35	2.7	<5	<2	8	.07	.3	<.2	301	.16	.072	2	44	.31	14	.46	<3	1.86	.01	.02	<2	<.2	70	<.3	<.2	16.3	10
L1600 700N not received	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
L1600 675N	.3	16.2	3.6	36.4	146	5	6	281	4.66	3.3	<5	<2	3	.06	.2	<.2	146	.05	.034	2	11	.35	10	.01	<3	2.26	<.01	.01	<2	<.2	53	<.3	<.2	10.2	<1
L1600 650N	.4	34.3	7.0	39.2	94	12	7	539	6.20	1.6	<5	<2	9	.06	.3	<.2	224	.16	.082	1	40	.33	11	.31	<3	1.85	.01	.02	<2	<.2	115	<.3	<.2	12.3	1
L1600 625N	.5	65.4	5.9	47.4	172	16	11	824	6.23	2.1	<5	<2	10	.10	.3	<.2	251	.20	.057	2	37	.49	18	.44	<3	2.24	.01	.02	<2	<.2	84	<.3	<.2	13.3	5
L1600 600N	1.2	92.1	7.5	69.0	116	22	15	563	7.61	2.0	<5	<2	10	.09	.3	<.2	263	.18	.063	3	45	.64	18	.49	<3	3.04	.01	.02	<2	.2	70	<.3	<.2	14.9	4
STANDARD D2/C3/AU-S	22.3	115.2	94.9	267.0	1872	30	16	1073	4.04	68.5	23	21	60	1.99	9.1	20.8	73	.71	.107	17	55	1.07	257	.14	28	2.32	.05	.69	15	2.2	1086	.6	1.8	6.7	48

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

Data 4 FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	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	Au+ ppb
L1600 575N	.9	94.0	7.3	75.9	113	19	12	333	8.95	1.9	<5	<2	8	.11	.2	<.2	283	.15	.062	<1	53	.53	15	.36	<3	3.42	.01	.02	<2	.2	117	.4	<.2	17.8	9
L1600 550N	.9	98.0	5.7	71.6	110	22	14	409	7.28	1.9	<5	<2	11	.10	.3	<.2	256	.18	.056	1	51	.68	24	.32	<3	3.66	.01	.02	<2	.2	113	.3	<.2	14.6	3
L1600 525N	.5	173.7	5.7	58.8	89	19	20	2475	6.44	.9	<5	<2	8	.11	.2	<.2	202	.24	.050	2	38	.40	21	.35	<3	3.04	.01	.01	<2	<.2	117	<.3	<.2	12.5	7
L1600 500N	.6	46.4	6.1	49.7	128	15	12	446	5.27	2.4	<5	<2	7	.09	.2	<.2	188	.15	.050	<1	29	.41	19	.51	<3	2.02	.01	.02	<2	<.2	78	<.3	<.2	10.3	7
L1600 475N	.7	90.3	6.8	68.7	53	21	18	1028	7.25	1.3	<5	<2	11	.12	.2	<.2	247	.22	.050	2	42	.62	29	.24	<3	3.35	.01	.02	<2	<.2	67	<.3	<.2	14.2	5
L1600 450N	.8	129.6	6.6	62.9	62	21	17	808	7.38	3.1	<5	<2	10	.12	.2	<.2	239	.24	.064	2	40	.61	21	.25	<3	3.67	.01	.02	<2	<.2	86	<.3	<.2	15.6	5
L1600 425N	.5	82.2	7.5	62.7	109	25	15	1323	6.55	2.0	<5	<2	13	.10	.2	<.2	234	.24	.088	2	52	.76	28	.28	<3	3.44	.02	.05	<2	<.2	47	<.3	<.2	11.3	2
L1600 400N	.5	56.3	5.2	48.9	57	24	15	735	7.00	1.4	<5	<2	15	.07	<.2	<.2	232	.20	.044	2	53	.56	21	.34	<3	3.06	.01	.03	<2	<.2	66	<.3	<.2	11.7	2
L1600 375N	.9	37.4	6.2	45.4	117	14	10	607	7.12	1.6	<5	<2	10	.14	.2	<.2	265	.43	.064	1	34	.36	14	.56	3	2.09	.01	.02	<2	<.2	78	<.3	<.2	12.6	3
L1600 350N	.5	75.3	5.4	53.7	111	15	13	743	7.41	2.6	<5	<2	13	.12	.2	<.2	270	.54	.065	1	38	.43	15	.38	8	2.22	.01	.02	<2	<.2	65	<.3	<.2	10.4	4
L1600 325N	.5	141.2	3.9	76.0	133	23	22	898	8.02	1.1	<5	<2	9	.11	.2	<.2	283	.23	.074	1	41	.62	16	.46	6	2.92	.01	.02	<2	<.2	50	<.3	<.2	12.9	2
L1600 300N	.8	178.0	5.2	110.6	236	37	42	1207	8.96	1.1	<5	<2	28	.17	<.2	<.2	345	.49	.050	3	40	1.31	36	.86	<3	4.28	.01	.03	<2	<.2	82	<.3	<.2	18.0	13
L1600 275N	1.0	383.0	4.8	86.2	132	36	28	634	8.00	1.8	<5	<2	17	.21	<.2	.7	320	.42	.058	2	71	.83	25	.52	<3	4.61	.01	.03	<2	<.2	52	<.3	<.2	12.7	3
RE L1600 275N	.9	396.1	4.9	88.4	149	37	28	635	8.04	2.0	<5	<2	18	.22	<.2	.6	322	.43	.061	2	73	.84	26	.55	3	4.78	.01	.03	<2	<.2	57	<.3	<.2	13.7	2
L1600 250N	.5	185.5	8.1	109.2	143	51	38	2535	7.33	1.5	<5	<2	12	.21	<.2	<.2	248	.36	.049	2	81	1.50	36	.22	3	4.31	.01	.04	<2	<.2	90	<.3	<.2	12.7	2
L1600 225N	.7	62.3	4.0	61.8	144	37	22	619	6.16	3.2	<5	<2	11	.11	.2	<.2	229	.37	.034	1	71	1.21	18	.42	3	2.83	.01	.03	<2	<.2	66	<.3	<.2	10.4	2
L1600 200N	.4	40.1	4.3	68.4	177	30	18	388	5.78	1.1	<5	<2	11	.11	.2	<.2	217	.32	.034	1	62	.80	23	.33	<3	2.79	.01	.02	<2	<.2	76	<.3	<.2	10.8	3
L1600 175N	.4	22.0	5.4	53.3	134	20	11	358	5.54	1.6	<5	<2	15	.08	<.2	<.2	226	.32	.037	1	52	.55	19	.37	<3	1.89	.01	.02	<2	<.2	65	<.3	<.2	10.7	8
L1600 150N	.6	146.6	4.1	84.7	173	37	26	618	6.60	2.9	<5	<2	12	.09	<.2	<.2	250	.37	.039	2	68	1.12	16	.32	<3	3.51	.01	.03	<2	.2	71	<.3	<.2	10.7	5
L1600 125N	.9	133.3	12.1	132.1	184	33	41	5817	6.77	.7	<5	<2	11	.61	.2	<.2	207	.38	.052	7	60	.62	36	.31	<3	3.96	.01	.03	<2	<.2	83	<.3	<.2	11.6	47
L1600 100N	.6	61.2	4.6	52.1	123	23	14	435	7.56	1.0	<5	<2	13	.16	<.2	<.2	300	.39	.040	<1	65	.57	17	.43	<3	2.73	.01	.02	<2	<.2	39	<.3	<.2	15.8	5
L1600 75N	.7	54.7	4.5	46.1	134	23	14	417	7.60	1.7	<5	<2	12	.10	.2	<.2	310	.35	.039	1	73	.64	17	.48	<3	2.83	.01	.02	<2	<.2	60	<.3	<.2	12.7	4
L1600 50N	.4	62.9	4.4	59.1	62	27	17	562	5.77	1.0	<5	<2	21	.11	<.2	<.2	218	.60	.030	2	52	.74	22	.42	<3	2.58	.01	.02	<2	<.2	71	<.3	<.2	8.7	4
L1600 25N	.6	108.3	4.4	77.7	43	27	21	476	7.42	1.0	<5	<2	14	.13	<.2	<.2	270	.40	.057	1	70	.60	17	.49	3	3.52	.01	.02	<2	<.2	82	<.3	<.2	13.5	2
L1600 00	.5	100.5	3.4	64.6	72	31	17	418	6.50	1.9	<5	<2	15	.09	<.2	<.2	253	.28	.036	1	57	.89	18	.55	<3	3.28	.01	.02	<2	<.2	63	<.3	<.2	10.0	2
L1600 25S	.5	98.1	4.4	87.6	158	29	20	612	7.62	3.1	<5	<2	13	.11	.2	<.2	286	.26	.048	1	60	.94	25	.45	<3	3.68	.01	.03	<2	.2	81	.3	<.2	11.4	4
L1600 50S	.4	35.5	4.8	39.1	128	13	7	272	6.34	1.7	<5	<2	11	.08	<.2	<.2	289	.18	.031	1	49	.36	15	.58	<3	1.88	.01	.02	<2	.2	63	<.3	<.2	10.2	4
L1600 75S	.4	60.4	3.3	56.0	165	17	10	275	7.56	2.3	<5	<2	10	.06	<.2	<.2	301	.17	.046	1	56	.50	16	.54	<3	3.32	.01	.02	<2	<.2	149	<.3	<.2	11.2	4
L1600 100S	.4	51.3	4.5	59.9	38	15	11	402	8.60	1.7	<5	<2	13	.06	<.2	<.2	322	.19	.062	2	62	.44	20	.29	<3	4.57	.01	.03	<2	.2	64	<.3	<.2	15.5	31
L1600 125S	.6	71.0	2.8	44.9	37	18	12	496	7.96	2.2	<5	<2	12	.04	<.2	<.2	290	.17	.090	1	64	.64	20	.35	<3	4.56	.01	.02	<2	<.2	74	<.3	<.2	10.6	2
L1600 150S	.6	31.2	8.3	35.5	<30	11	7	257	7.44	1.5	<5	<2	12	.05	<.2	<.2	299	.12	.056	2	48	.41	17	.25	<3	2.52	.01	.01	<2	.2	77	<.3	<.2	14.4	2
L1600 175S	.2	19.7	4.7	29.6	47	8	6	564	5.25	<.5	<5	<2	8	.03	<.2	<.2	193	.12	.025	3	32	.14	13	.25	<3	1.51	.01	.02	<2	<.2	37	<.3	<.2	9.0	6
L1600 200S	.6	38.2	4.1	35.3	78	12	8	256	6.23	1.4	<5	<2	13	.06	<.2	<.2	274	.19	.032	2	38	.42	20	.37	<3	2.18	.01	.02	<2	.2	56	<.3	<.2	12.1	6
L1700 800N	.7	55.3	6.2	44.9	475	15	10	347	8.24	4.8	<5	<2	9	.08	.2	<.2	321	.15	.062	3	51	.45	19	.41	<3	2.74	.01	.02	<2	.2	172	.3	<.2	18.0	4
STANDARD D2/C	23.6	119.9	96.6	277.2	1912	30	17	1067	4.19	71.5	19	20	61	1.95	8.5	19.3	75	.70	.105	18	56	1.11	265	.15	29	2.46	.05	.73	15	2.3	966	.6	2.2	6.6	48

Standard is STANDARD D2/C3/AU-S. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data FA

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	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	Au+ ppb
L1700 775N	.6	45.3	6.2	44.8	119	14	10	483	8.54	<.5	<5	<2	7	.09	.3	<.2	322	.14	.058	2	58	.34	15	.34	<3	2.32	.01	.01	<2	<.2	89	<.3	<.2	15.3	5
L1700 750N	.5	36.0	4.7	49.5	191	8	7	183	4.60	<.5	<5	<2	9	.09	.2	<.2	140	.21	.026	4	19	.15	17	.06	<3	2.68	.01	.02	<2	<.2	123	<.3	<.2	11.4	2
L1700 725N	.6	32.7	8.0	35.5	124	10	7	263	6.86	2.6	<5	<2	6	.12	.3	<.2	331	.22	.085	1	30	.21	14	.46	<3	1.18	.01	.01	<2	<.2	44	<.3	<.2	12.8	8
L1700 700N	.8	97.5	4.7	63.9	219	24	14	320	8.10	3.0	10	2	12	.10	.2	<.2	311	.20	.074	3	65	.75	19	.42	<3	4.10	.01	.02	<2	<.2	132	<.3	<.2	15.0	3
L1700 675N	.7	49.2	5.4	43.6	155	16	10	322	6.44	2.2	<5	<2	12	.07	.2	<.2	264	.22	.033	3	43	.54	16	.29	<3	2.41	.01	<.01	<2	<.2	70	<.3	<.2	11.7	6
L1700 650N	1.1	188.2	4.4	82.1	141	35	22	544	8.62	3.6	5	3	16	.10	.3	<.2	281	.29	.076	3	78	1.12	27	.47	<3	5.58	.01	.03	<2	<.2	89	.3	<.2	12.8	30
L1700 625N	.5	72.5	10.9	52.4	202	21	14	425	5.57	2.0	<5	<2	15	.11	.3	<.2	223	.27	.037	2	44	.71	26	.31	<3	2.47	.01	.02	<2	<.2	67	<.3	<.2	9.5	15
L1700 600N	1.0	160.0	5.3	116.4	298	29	33	718	7.53	2.1	<5	<2	25	.23	.2	<.2	231	.39	.050	6	42	.48	25	.30	<3	3.38	.01	.02	<2	<.2	61	<.3	<.2	11.3	29
L1700 575N	1.2	146.1	5.2	89.6	189	20	26	823	7.52	3.3	8	<2	9	.15	.2	<.2	272	.25	.061	3	37	.47	21	.40	<3	3.05	.01	.02	<2	<.2	74	<.3	<.2	12.5	9
L1700 550N	.8	83.4	3.1	84.9	310	72	28	636	6.21	2.0	<5	<2	36	.12	<.2	<.2	147	.34	.057	2	35	1.75	50	.20	<3	5.25	.01	.02	<2	<.2	123	.3	<.2	12.5	5
L1700 525N	.8	149.2	4.1	82.9	297	41	21	442	5.22	1.7	<5	<2	24	.18	.2	<.2	171	.48	.049	3	53	1.12	32	.23	<3	3.42	.02	.03	<2	<.2	104	<.3	<.2	9.4	5
L1700 500N	.4	15.0	5.7	28.5	78	10	5	318	4.66	<.5	6	<2	8	.24	<.2	<.2	175	.44	.024	1	29	.20	10	.36	3	.99	.01	.01	<2	<.2	37	<.3	<.2	8.5	3
L1700 475N	.6	83.4	5.6	59.2	164	26	14	378	5.52	1.2	7	2	17	.12	.2	<.2	204	.20	.053	2	52	.74	27	.31	<3	2.95	.01	.02	<2	<.2	101	<.3	<.2	11.4	3
L1700 450N	.5	36.2	6.0	48.8	93	18	13	487	6.91	1.6	6	<2	13	.09	.2	<.2	267	.17	.085	1	55	.59	16	.53	<3	1.87	.01	.02	<2	<.2	66	<.3	<.2	14.7	6
RE L1700 450N	.5	35.6	5.9	48.7	117	18	13	497	7.06	1.2	<5	<2	13	.09	.2	<.2	272	.17	.085	1	58	.58	16	.53	<3	1.88	.01	.01	<2	<.2	72	<.3	<.2	14.4	5
L1700 425N	.5	68.0	4.6	52.8	125	19	12	347	5.60	1.2	<5	<2	12	.11	.2	<.2	219	.17	.047	2	56	.51	14	.31	<3	2.76	.01	.01	<2	<.2	63	<.3	<.2	11.6	4
L1700 400N	.8	67.2	5.6	53.2	242	17	11	398	4.33	1.4	8	<2	13	.16	.2	<.2	161	.24	.069	2	37	.52	21	.28	<3	2.05	.01	.02	<2	<.2	63	<.3	<.2	9.5	4
L1700 375N	.5	90.1	5.3	73.4	76	26	17	438	5.69	.9	<5	<2	14	.22	.2	<.2	192	.26	.052	1	55	.64	19	.32	<3	2.84	.01	.02	<2	<.2	53	<.3	<.2	10.9	3
L1700 350N	.5	69.2	6.1	122.7	145	23	23	1124	5.03	1.0	<5	<2	14	.42	<.2	<.2	191	.33	.046	3	44	.64	24	.34	<3	2.28	.01	.03	<2	<.2	63	<.3	<.2	10.9	4
L1700 325N	.5	69.4	3.9	64.7	295	33	17	332	5.52	2.1	<5	<2	13	.13	<.2	<.2	203	.18	.050	2	63	.89	19	.36	<3	2.97	.01	.01	<2	<.2	267	<.3	<.2	10.2	1
L1700 300N	.5	67.4	4.1	57.5	109	21	12	301	5.68	1.3	5	<2	11	.09	.3	<.2	199	.15	.052	1	56	.63	14	.37	<3	2.47	.01	.02	<2	<.2	62	<.3	<.2	10.2	3
L1700 275N	.5	66.8	5.4	48.3	68	18	11	400	5.92	.5	7	<2	11	.16	.2	<.2	242	.54	.053	<1	51	.58	13	.66	3	2.18	.01	.01	<2	<.2	77	<.3	<.2	13.5	3
L1700 250N	.8	148.5	3.6	90.1	159	41	25	710	7.68	1.9	<5	<2	19	.13	<.2	<.2	274	.25	.061	2	77	1.31	24	.63	<3	4.52	.01	.01	<2	<.2	112	.3	<.2	14.3	6
L1700 225N	.3	10.5	5.0	30.2	51	12	7	418	5.08	<.5	<5	<2	7	.09	<.2	<.2	234	.19	.033	2	54	.18	8	.36	<3	1.02	.01	.01	<2	<.2	43	<.3	<.2	13.2	4
L1700 200N	.6	91.1	4.1	66.2	<30	29	18	746	6.28	1.4	<5	2	12	.08	<.2	<.2	231	.17	.075	1	64	.85	16	.39	<3	3.27	.01	.01	<2	<.2	95	<.3	<.2	11.8	2
L1700 175N	.3	28.3	4.3	52.4	144	24	15	668	5.46	.8	5	<2	7	.08	<.2	<.2	219	.25	.036	1	49	.64	15	.55	<3	1.93	.01	.02	<2	<.2	66	<.3	<.2	11.7	4
L1700 150N	.5	181.3	4.5	86.8	137	39	23	883	6.82	1.4	7	<2	13	.11	.2	<.2	257	.23	.059	1	81	.96	16	.56	<3	3.84	.01	.02	<2	<.2	76	<.3	<.2	13.4	7
L1700 125N	.5	42.4	6.4	46.8	96	13	12	817	5.65	<.5	<5	<2	8	.11	<.2	<.2	255	.22	.053	2	52	.28	11	.36	<3	1.91	.01	.01	<2	<.2	66	<.3	<.2	15.4	7
L1700 100N	.2	19.0	4.4	38.3	67	10	7	422	4.15	<.5	<5	<2	4	.08	<.2	<.2	167	.09	.039	1	31	.20	7	.28	<3	.95	.01	<.01	<2	<.2	45	<.3	<.2	8.4	4
L1700 75N	.9	278.9	3.1	95.4	159	53	43	757	6.92	.9	6	<2	15	.13	<.2	.6	255	.64	.062	4	76	1.50	18	.54	<3	4.78	.01	.01	<2	<.2	102	.6	<.2	13.0	9
L1700 50N	.7	146.2	3.4	62.9	303	23	16	380	5.59	1.1	7	<2	12	.11	<.2	<.2	252	.40	.027	3	55	.68	24	.26	<3	2.73	.01	.02	<2	<.2	152	<.3	<.2	11.8	4
L1700 25N	.8	103.0	3.2	69.8	283	26	19	579	5.25	1.4	7	<2	14	.14	.4	<.2	200	.54	.026	8	63	.95	27	.08	<3	3.01	.01	.02	<2	<.2	107	.3	<.2	11.8	3
L1700 00	.5	60.5	4.3	75.4	83	14	10	339	6.46	.8	7	<2	10	.09	<.2	<.2	259	.15	.083	2	52	.40	17	.32	<3	2.88	.01	.01	<2	<.2	62	<.3	<.2	14.1	3
L1700 25S	.4	94.9	4.6	43.6	64	12	8	197	6.11	.8	<5	<2	12	.09	<.2	<.2	259	.16	.049	2	44	.36	18	.36	<3	2.36	.01	.01	<2	<.2	70	<.3	<.2	14.3	2
STANDARD D2/C	26.7	135.3	101.3	305.3	1670	35	19	1045	4.63	76.4	29	24	63	1.85	8.0	18.5	86	.78	.111	21	64	1.24	273	.17	30	2.55	.06	.76	16	1.8	935	.4	1.6	6.3	49

Standard is STANDARD D2/C3/AU-S. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data 1 FA ___

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	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	Au+ ppb
L1700 50S	.5	26.9	4.5	33.4	50	13	8	375	7.47	1.4	<5	<2	12	.06	.2	<.2	298	.18	.055	1	45	.49	13	.38	<3	2.28	.01	.01	<2	<.2	55	<.3	<.2	13.4	2
L1700 75S	1.4	93.3	5.3	76.3	208	23	16	442	7.31	3.0	<5	<2	22	.12	.2	<.2	226	.22	.098	4	47	.95	31	.24	<3	5.67	.01	.01	<2	<.2	177	.4	<.2	13.4	3
L1700 100S	.8	24.2	3.9	28.6	74	9	7	218	6.91	1.1	<5	<2	10	.09	<.2	<.2	319	.16	.042	3	37	.30	22	.06	<3	2.22	<.01	.01	<2	<.2	31	<.3	<.2	13.7	7
L1700 125S	.7	21.0	4.0	17.1	74	10	7	203	5.05	1.2	<5	<2	7	.07	.2	<.2	250	.13	.022	3	22	.30	17	.14	<3	1.48	.01	.01	<2	<.2	50	<.3	<.2	10.4	2
L1700 150S	.9	103.4	4.1	43.1	246	17	12	509	7.11	2.1	<5	<2	16	.08	.2	<.2	254	.20	.059	3	36	.72	25	.21	<3	3.43	.01	.02	<2	<.2	194	<.3	<.2	11.3	3
L1700 175S	1.2	41.3	4.8	32.5	49	10	7	315	6.07	1.7	<5	<2	11	.08	.2	<.2	241	.16	.033	3	31	.33	21	.14	<3	2.65	.01	.01	<2	<.2	90	<.3	<.2	10.7	4
L1700 200S	.5	50.6	5.1	46.5	98	15	9	404	7.67	1.2	<5	<2	13	.07	.3	.2	253	.16	.078	2	54	.54	21	.27	<3	4.31	.01	.01	<2	<.2	201	.3	<.2	12.9	6
L1800 800N	.6	62.6	9.2	27.0	122	12	7	317	8.42	.7	<5	<2	12	.08	.2	<.2	381	.19	.063	3	56	.33	13	.37	<3	2.57	.01	.01	<2	<.2	56	<.3	<.2	18.1	2
L1800 775N	.8	116.5	7.0	47.7	227	16	13	361	10.42	7.3	<5	<2	8	.09	.3	<.2	338	.20	.103	2	48	.47	10	.28	<3	3.16	.01	.01	<2	<.2	109	<.3	<.2	16.3	3
L1800 750N	.8	105.2	9.9	59.2	64	13	12	907	9.29	1.6	7	2	8	.13	.2	.2	350	.22	.080	2	41	.31	16	.64	<3	2.57	.01	.02	<2	<.2	67	<.3	<.2	19.4	10
L1800 725N	.4	35.1	7.4	39.4	80	15	8	350	6.75	1.6	<5	<2	14	.12	.2	<.2	264	.28	.055	3	44	.45	14	.31	<3	2.16	.01	.01	<2	<.2	41	<.3	<.2	13.7	7
L1800 700N	.6	106.3	10.4	71.9	310	22	14	773	5.83	1.5	<5	<2	18	.17	.2	<.2	197	.24	.039	3	48	.68	29	.24	<3	3.33	.01	.02	<2	<.2	101	.3	<.2	11.2	4
L1800 675N	.6	119.0	6.9	81.3	140	30	17	475	7.31	3.0	<5	2	17	.12	.2	<.2	240	.25	.051	4	60	.89	32	.28	<3	3.87	.01	.03	<2	<.2	117	.3	<.2	12.2	9
L1800 650N	.7	64.8	6.2	55.6	49	16	11	399	6.20	1.8	<5	<2	14	.09	<.2	<.2	198	.23	.048	3	41	.62	26	.12	<3	3.30	.01	.02	<2	<.2	46	<.3	<.2	11.5	1
L1800 625N	.6	87.9	4.7	49.8	56	22	12	349	7.07	2.1	<5	<2	17	.09	.2	<.2	253	.19	.049	2	65	.79	23	.26	<3	4.02	.01	.02	<2	<.2	154	.3	<.2	12.9	5
L1800 600N	.6	97.9	5.5	61.0	36	33	15	420	8.25	1.7	<5	<2	19	.07	.2	<.2	288	.20	.053	3	86	.98	26	.28	<3	4.49	.01	.02	<2	<.2	64	<.3	<.2	15.7	12
L1800 575N	1.0	169.9	4.5	54.3	72	38	17	387	8.10	2.3	<5	2	18	.11	.2	<.2	259	.19	.045	2	93	1.13	26	.33	<3	6.18	.01	.01	<2	<.2	127	.7	<.2	14.8	2
L1800 550N	.8	38.8	7.1	39.8	36	20	10	312	8.24	.9	5	<2	19	.07	.2	<.2	337	.30	.049	2	65	.62	18	.52	<3	2.37	.01	.01	<2	<.2	58	<.3	<.2	18.1	3
RE L1800 550N	.8	38.3	7.0	40.3	37	19	10	317	8.35	1.5	<5	<2	20	.08	.2	<.2	346	.31	.050	2	67	.63	18	.54	<3	2.38	.01	.01	<2	<.2	49	<.3	<.2	18.4	6
L1800 525N	.5	51.5	6.7	54.6	47	21	11	376	7.44	.7	<5	<2	21	.11	.2	<.2	254	.27	.051	2	71	.53	16	.38	<3	2.97	.01	.02	<2	<.2	66	<.3	<.2	13.3	4
L1800 500N	.5	65.6	6.2	58.6	81	24	16	985	6.34	.6	<5	<2	22	.09	<.2	<.2	230	.26	.039	3	65	.64	21	.42	<3	2.62	.01	<.01	<2	<.2	71	<.3	<.2	12.0	4
L1800 475N	.7	80.5	2.2	71.0	111	127	28	553	7.22	.8	<5	<2	9	.11	<.2	<.2	230	.19	.024	2	223	1.83	20	.01	<3	4.62	.01	.02	<2	<.2	69	<.3	<.2	12.4	1
L1800 450N	1.1	79.7	4.1	55.2	121	38	20	589	6.68	1.6	<5	<2	27	.17	<.2	<.2	234	.48	.037	3	72	1.04	30	.23	<3	4.27	.01	.02	<2	<.2	110	.4	<.2	12.0	4
L1800 425N	.8	66.6	4.7	64.2	97	68	26	533	8.33	1.6	<5	<2	18	.13	<.2	<.2	271	.20	.066	2	82	1.64	24	.14	<3	4.14	.01	.01	<2	<.2	72	<.3	<.2	12.6	1
L1800 400N	.8	71.5	5.3	72.7	68	30	15	417	8.80	1.1	<5	2	22	.14	.2	<.2	336	.25	.053	1	76	.89	25	.58	<3	3.37	.01	.01	<2	<.2	83	<.3	<.2	16.6	3
L1800 375N	1.1	88.7	5.8	72.9	201	31	16	354	8.46	1.2	8	<2	21	.17	<.2	<.2	358	.52	.028	2	81	.84	21	.64	<3	3.55	.01	.01	<2	<.2	80	<.3	<.2	18.7	1
L1800 350N	1.3	174.8	5.9	169.7	236	76	61	1646	9.58	1.5	5	3	36	.26	<.2	<.2	304	.78	.097	5	81	1.03	42	.73	<3	5.98	.02	.02	<2	<.2	134	.3	<.2	15.8	2
L1800 325N	.7	83.3	6.6	68.7	126	28	16	658	6.93	1.0	6	<2	31	.20	<.2	<.2	279	.75	.034	3	58	.84	25	.59	<3	2.90	.01	.01	<2	<.2	61	<.3	<.2	13.2	6
L1800 300N	.6	73.0	7.3	77.6	140	34	18	1101	7.64	1.2	6	<2	25	.17	<.2	<.2	294	.49	.056	1	67	1.06	28	.71	<3	3.15	.01	.02	<2	<.2	69	<.3	<.2	14.0	5
L1800 275N	.6	86.6	6.1	66.9	131	33	17	507	7.35	1.0	<5	<2	40	.12	.2	<.2	272	.37	.048	1	65	1.09	37	.54	<3	3.29	.01	.01	<2	<.2	51	<.3	<.2	12.6	<1
L1800 250N	.6	90.8	6.2	76.7	133	28	15	622	7.79	1.1	6	2	20	.14	.2	<.2	266	.28	.071	2	61	.73	21	.60	<3	3.66	.01	.02	<2	<.2	114	<.3	<.2	13.9	12
L1800 225N	.4	130.3	4.8	77.0	33	37	31	950	8.36	<.5	<5	2	21	.08	<.2	<.2	191	.25	.045	3	60	.57	20	.63	<3	3.53	.02	.01	<2	<.2	106	<.3	<.2	14.7	1
L1800 200N	.6	129.9	6.5	80.4	398	29	19	798	7.02	.9	5	<2	25	.14	.2	<.2	233	.34	.069	3	52	.65	30	.58	<3	3.49	.01	.01	<2	<.2	105	<.3	<.2	13.0	3
L1800 175N	.4	140.0	4.4	69.8	119	38	19	1110	8.19	2.0	<5	<2	15	.09	<.2	<.2	308	.32	.087	1	54	.97	28	.56	<3	3.52	.01	.01	<2	<.2	90	<.3	<.2	14.9	1
STANDARD D2/C	22.1	111.7	98.8	262.1	1987	30	16	1062	4.02	63.7	22	21	62	2.09	8.2	19.8	70	.70	.104	17	54	1.08	239	.14	25	2.28	.05	.65	13	2.2	956	.5	1.8	7.0	48

Standard is STANDARD D2/C3/AU-S. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data 1 FA ____

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	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	Au+ ppb
L1800 150N	.8	105.7	3.8	84.4	196	40	22	555	7.67	2.5	<5	<2	17	.09	.3	<.2	297	.24	.071	1	68	1.28	22	.75	<3	3.94	.01	.03	<2	<.2	241	<.3	<.2	14.0	2
L1800 125N	1.2	68.5	3.2	63.3	139	19	17	657	5.42	2.3	<5	<2	18	.12	.2	<.2	222	.34	.030	6	37	.81	29	.11	<3	3.11	.01	.02	<2	<.2	45	<.3	<.2	10.3	4
L1800 100N	.8	43.8	3.8	45.1	123	13	10	314	6.49	1.9	<5	<2	12	.07	<.2	<.2	251	.13	.038	1	42	.53	18	.22	<3	2.68	.01	.01	<2	<.2	111	<.3	<.2	12.1	2
L1800 75N	.7	35.4	4.6	37.2	62	13	9	276	6.89	1.9	<5	<2	12	.06	<.2	<.2	327	.16	.032	1	44	.48	19	.34	<3	2.29	.01	.02	<2	<.2	58	<.3	<.2	14.8	15
L1800 50N	1.3	70.7	4.8	51.4	77	17	12	287	7.60	2.2	<5	<2	18	.13	.3	<.2	349	.32	.023	3	52	.51	32	.35	<3	3.25	.01	.02	<2	<.2	47	<.3	<.2	16.1	1
L1800 25N	1.4	32.5	6.3	24.6	92	8	5	174	9.16	2.7	<5	<2	8	.09	.2	<.2	472	.09	.051	1	57	.28	13	.53	<3	1.96	.01	.02	<2	<.2	121	<.3	<.2	21.1	7
L1800 00	.7	37.4	4.8	57.6	80	9	8	258	6.56	2.7	7	<2	9	.13	.2	<.2	350	.13	.025	2	38	.23	42	.26	<3	1.93	.01	.02	<2	<.2	59	<.3	<.2	14.5	9
L1800 25S	.9	66.1	4.7	33.4	40	13	9	267	7.96	2.8	<5	<2	8	.08	.2	<.2	390	.09	.036	1	48	.41	28	.28	<3	2.69	.01	.02	<2	<.2	118	<.3	<.2	16.9	7
L1800 50S	.8	19.3	4.4	18.8	86	6	5	225	5.28	1.8	<5	<2	8	.06	<.2	<.2	252	.12	.035	2	26	.20	21	.16	<3	1.75	.01	.02	<2	<.2	75	<.3	<.2	11.9	2
L1800 75S	.8	37.0	5.8	33.7	113	11	8	290	7.18	2.6	<5	<2	17	.10	.2	<.2	353	.40	.046	1	37	.41	22	.39	<3	1.85	.01	.02	<2	<.2	65	<.3	<.2	14.9	8
L1800 100S	.9	50.6	4.0	33.7	142	11	8	241	7.26	1.8	<5	<2	16	.07	<.2	<.2	306	.12	.040	2	39	.44	35	.20	<3	2.81	.01	.01	<2	<.2	143	<.3	<.2	14.1	1
L1800 125S	.5	36.2	4.6	40.6	119	11	8	201	6.14	1.5	<5	<2	12	.21	.2	<.2	246	.16	.041	2	35	.29	22	.23	<3	2.55	.01	.02	<2	<.2	96	.3	<.2	12.3	18
L1800 150S	1.4	122.8	4.8	58.4	267	18	14	442	7.81	1.8	<5	<2	15	.27	<.2	<.2	295	.21	.056	3	55	.78	28	.15	<3	3.40	.01	.03	<2	<.2	68	<.3	<.2	17.2	2
L1800 175S	.8	32.6	4.5	32.8	78	12	7	199	5.48	1.5	<5	<2	13	.10	<.2	<.2	262	.15	.027	2	44	.39	28	.23	<3	2.08	.01	.01	<2	<.2	36	<.3	<.2	12.9	1
L1800 200S	2.8	124.7	6.2	67.7	348	33	17	2144	5.82	14.7	<5	<2	25	.59	.3	<.2	191	.54	.038	7	59	.84	39	.18	<3	3.85	.01	.02	<2	<.2	85	.4	<.2	11.8	4
RE L1800 200S	2.7	122.3	4.2	65.8	286	34	17	2172	6.00	16.8	<5	<2	24	.54	.2	<.2	196	.53	.040	7	60	.86	39	.18	<3	3.88	.01	.02	<2	<.2	77	.3	<.2	11.1	3
L1900 800N	.6	114.4	6.2	54.6	159	24	18	528	10.82	2.1	<5	2	18	.07	.2	<.2	480	.09	.048	2	43	.66	56	.64	<3	3.14	.01	.02	<2	<.2	75	<.3	<.2	19.2	9
L1900 775N	1.1	91.6	5.7	46.6	407	19	11	274	8.21	2.0	<5	<2	10	.08	.2	<.2	319	.13	.041	2	68	.58	23	.26	<3	3.93	.01	.02	<2	<.2	273	.5	<.2	17.1	4
L1900 750N	.8	76.4	5.8	49.8	144	21	11	263	7.34	1.8	<5	<2	15	.06	.2	<.2	262	.16	.044	2	63	.65	21	.24	<3	3.67	.01	.02	<2	<.2	41	.3	<.2	15.7	5
L1900 725N	.9	124.7	6.2	54.5	57	28	16	427	6.72	2.7	<5	<2	15	.09	.2	<.2	222	.18	.069	4	72	1.07	24	.33	<3	4.94	.01	.03	<2	<.2	199	.8	<.2	13.0	2
L1900 700N	.8	68.0	5.2	45.6	88	21	12	284	6.98	1.2	<5	<2	19	.07	.3	<.2	254	.20	.054	1	77	.65	16	.42	<3	3.66	.01	.02	<2	<.2	53	<.3	<.2	13.8	11
L1900 675N	.8	38.4	6.9	34.1	35	16	9	285	9.06	1.6	5	<2	18	.04	.3	<.2	336	.21	.079	1	101	.55	11	.52	<3	2.78	.01	.02	<2	<.2	77	<.3	<.2	21.0	3
L1900 650N	.7	46.8	7.3	40.8	114	20	11	258	8.59	1.8	<5	<2	19	.06	.3	<.2	312	.21	.080	2	92	.59	15	.48	<3	3.02	.01	.02	<2	<.2	47	<.3	<.2	17.6	2
L1900 625N	.9	33.8	8.3	40.8	49	16	9	428	7.35	1.6	<5	<2	18	.05	.3	<.2	270	.23	.074	2	77	.48	17	.40	<3	2.61	.01	.02	<2	<.2	79	<.3	<.2	14.7	2
L1900 600N	.9	43.6	6.8	30.4	115	13	7	199	6.46	1.0	6	<2	12	.08	.2	<.2	262	.14	.056	2	58	.36	14	.39	<3	2.64	.01	.01	<2	<.2	159	<.3	<.2	16.3	4
L1900 575N	.7	43.3	7.9	48.0	99	17	9	502	7.22	.8	6	<2	18	.09	.3	<.2	299	.20	.043	1	79	.48	20	.51	<3	2.58	.01	.01	<2	<.2	100	<.3	<.2	15.0	3
L1900 550N	1.0	122.7	5.5	68.4	54	33	17	385	7.96	2.2	<5	<2	18	.09	.2	<.2	309	.21	.037	1	95	1.14	21	.54	<3	4.18	.01	.02	<2	<.2	96	.3	<.2	16.1	6
L1900 525N	.8	95.3	5.4	71.5	43	25	15	396	7.82	1.2	<5	<2	16	.08	.3	<.2	318	.18	.032	3	71	.64	26	.47	<3	3.67	.01	.02	<2	<.2	85	<.3	<.2	17.2	6
L1900 500N	1.0	103.3	6.0	36.6	91	17	9	233	7.80	1.7	<5	<2	12	.09	.3	<.2	369	.17	.051	2	62	.50	19	.52	<3	3.95	.01	.02	<2	<.2	231	.5	<.2	15.8	74
L1900 475N	.5	14.4	8.8	21.0	135	8	3	135	6.36	.6	<5	<2	11	.10	.3	<.2	353	.18	.028	1	45	.13	12	.85	<3	1.08	.01	.01	<2	<.2	22	<.3	<.2	16.2	7
L1900 450N	1.0	68.3	6.0	41.8	53	18	11	371	6.99	1.3	<5	<2	14	.07	.3	<.2	288	.17	.073	1	57	.54	17	.44	<3	2.62	.01	.02	<2	<.2	58	<.3	<.2	15.3	12
L1900 425N	.6	96.2	6.2	54.8	59	21	11	275	8.76	.7	<5	<2	13	.07	.3	.2	290	.19	.074	3	73	.46	22	.50	<3	3.80	.01	.02	<2	<.2	70	<.3	<.2	20.1	8
L1900 400N	1.1	95.8	7.4	49.8	88	25	13	425	7.63	1.6	7	2	18	.10	.3	<.2	305	.22	.074	1	68	.83	23	.59	<3	3.53	.01	.02	<2	<.2	95	<.3	<.2	15.6	11
L1900 375N	1.0	74.6	7.0	48.3	92	22	11	280	8.30	1.5	<5	<2	11	.09	.3	.2	279	.14	.094	2	63	.64	16	.42	<3	3.29	.01	.02	<2	<.2	84	<.3	<.2	16.6	4
STANDARD D2/C	23.8	121.3	98.0	280.6	1630	31	17	1061	4.26	71.5	18	22	60	1.86	7.9	18.8	76	.70	.105	18	58	1.12	260	.15	27	2.42	.05	.70	16	2.4	1072	.3	2.2	7.1	51

Standard is STANDARD D2/C3/AU-S. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppb	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Th ppm	Sr ppm	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	Au+ ppb
L1900 350N	.7	83.0	6.1	57.5	68	24	13	562	8.79	1.8	<5	2	18	.07	.3	.2	333	.21	.087	1	69	.72	19	.53	<3	3.25	.01	.02	<2	<.2	107	<.3	<.2	17.8	5
L1900 325N	.8	124.0	6.3	84.8	123	34	20	713	9.11	2.1	<5	<2	21	.08	.2	.2	308	.24	.113	1	73	1.18	26	.74	<3	4.56	.01	.02	<2	<.2	114	<.3	<.2	20.6	3
L1900 300N	.6	111.0	5.9	64.2	254	25	16	587	7.26	2.1	<5	<2	32	.08	.2	.2	285	.23	.059	1	64	.92	27	.62	<3	3.04	.01	.02	<2	<.2	261	<.3	<.2	15.1	5
L1900 275N	.5	34.8	5.7	27.2	194	13	6	208	5.37	1.2	<5	<2	19	.05	1.1	<.2	260	.19	.038	1	45	.36	16	.50	<3	1.70	.01	.03	<2	<.2	310	<.3	<.2	13.4	2
L1900 250N	.5	66.4	5.7	60.2	187	21	17	890	5.98	3.3	<5	<2	15	.09	.3	.2	222	.20	.060	1	46	.87	26	.18	<3	2.94	.01	.02	<2	<.2	94	<.3	<.2	11.3	2
L1900 225N	.5	67.2	8.7	51.2	194	24	14	580	6.84	2.0	<5	<2	13	.04	.5	<.2	293	.16	.060	1	55	1.28	23	.52	<3	2.94	.01	.01	<2	<.2	271	<.3	<.2	16.7	3
L1900 200N	.4	24.1	3.7	25.9	126	10	8	260	4.94	1.8	5	<2	6	.03	<.2	<.2	204	.10	.040	2	34	.47	23	.04	<3	1.97	<.01	.02	<2	<.2	46	<.3	<.2	11.5	1
L1900 175N	.5	46.0	3.7	51.2	187	14	13	487	5.87	1.4	<5	<2	14	.03	<.2	<.2	199	.12	.043	2	36	.91	37	.03	<3	3.27	.01	.04	<2	<.2	132	<.3	<.2	11.4	2
L1900 150N	.5	54.3	3.6	39.5	187	12	10	310	5.56	3.1	<5	<2	8	.05	<.2	<.2	201	.10	.046	2	35	.51	30	.04	<3	3.35	.01	.02	<2	<.2	192	.3	<.2	11.7	4
L1900 125N	1.1	68.7	7.9	75.4	445	11	13	469	8.59	5.9	<5	<2	6	.17	.3	.2	301	.07	.093	2	28	.28	13	.24	<3	2.33	<.01	.02	<2	<.2	121	<.3	<.2	17.2	12
L1900 100N	.9	42.8	7.6	26.6	291	9	10	714	7.38	3.2	<5	<2	4	.12	.3	<.2	396	.09	.072	1	23	.31	7	.53	<3	1.42	.01	.01	<2	<.2	212	<.3	<.2	19.2	3
L1900 75N	.4	30.6	3.7	40.2	172	8	8	387	5.16	1.7	<5	<2	11	.04	<.2	<.2	234	.10	.037	2	23	.43	19	.09	<3	2.38	.01	.02	<2	<.2	211	<.3	<.2	13.5	3
L1900 50N	1.0	27.3	3.6	30.8	76	6	7	230	6.00	2.5	<5	<2	8	.05	<.2	<.2	223	.10	.059	2	20	.47	19	.05	<3	2.53	.01	.03	<2	<.2	65	<.3	<.2	15.5	3
RE L1900 50N	1.1	28.1	3.4	31.0	80	7	8	236	6.08	2.1	<5	<2	8	.03	<.2	<.2	225	.10	.059	2	22	.49	19	.05	<3	2.56	.01	.03	<2	<.2	73	.3	<.2	15.8	3
L1900 25N	.6	14.1	2.8	15.3	130	4	5	149	4.11	1.7	<5	<2	4	.02	<.2	<.2	147	.03	.064	1	11	.23	13	.02	<3	1.82	<.01	.02	<2	<.2	109	<.3	<.2	10.3	1
L1900 00	1.2	17.8	5.2	22.2	103	6	4	207	6.05	1.4	<5	<2	7	.06	.2	<.2	382	.12	.040	1	23	.19	10	.32	<3	1.37	.01	.02	<2	<.2	29	<.3	<.2	16.2	2
L1900 25S	.9	39.2	5.1	33.8	290	11	7	268	9.81	1.6	5	<2	8	.09	.2	<.2	406	.09	.050	1	56	.35	20	.40	<3	2.81	.01	.01	<2	<.2	159	<.3	<.2	20.9	22
L1900 50S	3.0	88.4	4.6	55.9	69	22	15	329	6.86	3.2	<5	<2	10	.07	.2	.2	231	.14	.060	3	55	.66	23	.29	<3	7.26	.01	.02	<2	<.2	206	1.0	<.2	13.7	4
L1900 75S	.6	23.6	6.7	24.4	77	8	5	213	7.40	1.8	<5	<2	9	.06	.2	.2	318	.10	.041	2	36	.25	13	.29	<3	1.89	.01	.01	<2	<.2	71	<.3	<.2	16.8	4
L1900 100S	.8	94.3	4.1	62.5	83	31	19	492	7.02	3.5	<5	<2	16	.19	<.2	.2	209	.19	.075	2	59	1.15	25	.25	<3	5.26	.01	.02	<2	<.2	222	.5	<.2	12.0	7
L1900 125S	1.1	62.1	5.8	66.0	169	36	16	628	7.65	5.5	<5	<2	14	.18	<.2	.2	270	.16	.123	2	87	1.01	33	.12	<3	4.07	.01	.03	<2	<.2	172	.4	<.2	14.9	2
L1900 150S	.7	33.0	5.6	53.3	166	39	16	655	5.74	2.7	5	<2	24	.35	<.2	<.2	236	.37	.058	2	89	1.36	30	.10	<3	2.68	.01	.04	<2	<.2	17	<.3	<.2	14.3	1
L1900 175S	.8	54.0	8.5	64.0	400	23	12	383	4.98	2.0	<5	<2	19	.26	.2	.2	174	.32	.072	1	49	.82	30	.13	<3	2.46	.01	.04	<2	<.2	122	.3	<.2	10.4	5
L1900 200S	1.4	87.0	21.9	71.7	163	32	17	392	5.45	2.8	<5	<2	17	.32	.2	.2	183	.21	.049	2	49	1.03	39	.16	<3	3.49	.01	.03	<2	<.2	96	.4	<.2	11.3	5
STANDARD D2/	23.5	121.4	99.9	278.9	1778	31	17	1052	4.32	66.2	18	21	61	1.76	10.0	19.9	75	.70	.106	17	58	1.11	265	.15	28	2.40	.05	.71	16	2.3	1054	.3	2.0	7.1	55

Standard is STANDARD D2/C3/AU-S. Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data / FA