GEOLOGICAL AND GEOCHEMICAL REPORT

ON THE

LARKSPUR PROPERTY

Record Numbers 5827, 5828, 6484 & 6485

GALORE CREEK AREA
LIARD MINING DIVISION
BRITISH COLUMBIA

N.T.S.: 104G/3W

LATITUDE: 57 DEGREES 14 MINUTES NORTH
LONGITUDE: 131 DEGREES 19 MINUTES WEST

for

TICKER TAPE RESOURCES LTD.

BY

ANDREW L. WILKINS B.Sc.

of

QUEST CANADA EXPLORATIONS LTD.
COAST MOUNTAIN GEOLOGICAL LTD.

December, 1990

SUMMARY

Exploration on the Larkspur Property consisted of prospecting, silt sampling, contour soil sampling, grid soil sampling, VLF-EM geophysics, magnetometer geophysics and geological mapping.

The property is underlain by limestones of the Permian Stikine Assemblage. These are in fault contact with andesitic volcanics and sediments of the Upper Triassic Stuhini Group. The middle Triassic dioritic Hickman Batholith and early Jurassic granodiorite are the youngest rocks on the property.

One smithsonite-malachite showing has been found on the property. This showing assayed 43.9 grams per tonne (1.28 ounces per ton) silver, 34.95 percent zinc and 0.47 percent cadmium. Minor chalcopyrite in micro-quartz veins has also been found.

Soil geochemistry has resulted in numerous anomalies, the most significant being a north trending multi-element anomaly that is coincident with the one showing on the property.

Geophysics has outlined some VLF-EM anomalies that are improving to the northeast.

Further exploration should be focused on delineating the source for the strong geochemistry and weak geophysical anomalies.

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1. INTRODUCTION

1.1 LOCATION & ACCESS

The Larkspur Property is located on the south fork of the Scud River approximately 80 kilometres south of Telegraph Creek in the Liard Mining Division of Northwestern British Columbia. The property is centred at 57 degrees 14 minutes North latitude and 131 degrees 19 minutes West longitude (N.T.S. 104G/3W). Access to the property is by helicopter only. Fixed wing airstrips exist within twenty kilometres of the claims (Galore Creek or Scud River) and are good locations for helicopter supported exploration camps.

1.2 CLIMATE, TOPOGRAPHY & VEGETATION

The climate in the vicinity of the Larkspur property is typical of the Coast Range Mountains. Temperatures are moderate due to the proximity of the Pacific ocean and range from a minimum of -20 degrees Celsius in the winter time to a maximum of 25 degrees in the summer. Precipitation is heavy (300 centimetres annually) with most of it falling as snow at the higher elevations and rain or wet snow at the lower elevations. The exploration season lasts from June to early October.

The topography of the property is rugged and steep with precipitous slopes leading away from the Scud River at an elevation of 390 metres, to mountain peaks, topping out at an elevation of 1,900 metres.

Vegetation below 900 metres consists of mature stands of spruce, hemlock and fir with alder, devils club and blueberry undergrowth. Above 900 metres, the forest gives way to sub-alpine spruce, heather, blueberries and alpine flowers. Sparse vegetation occurs above 1,300 metres.

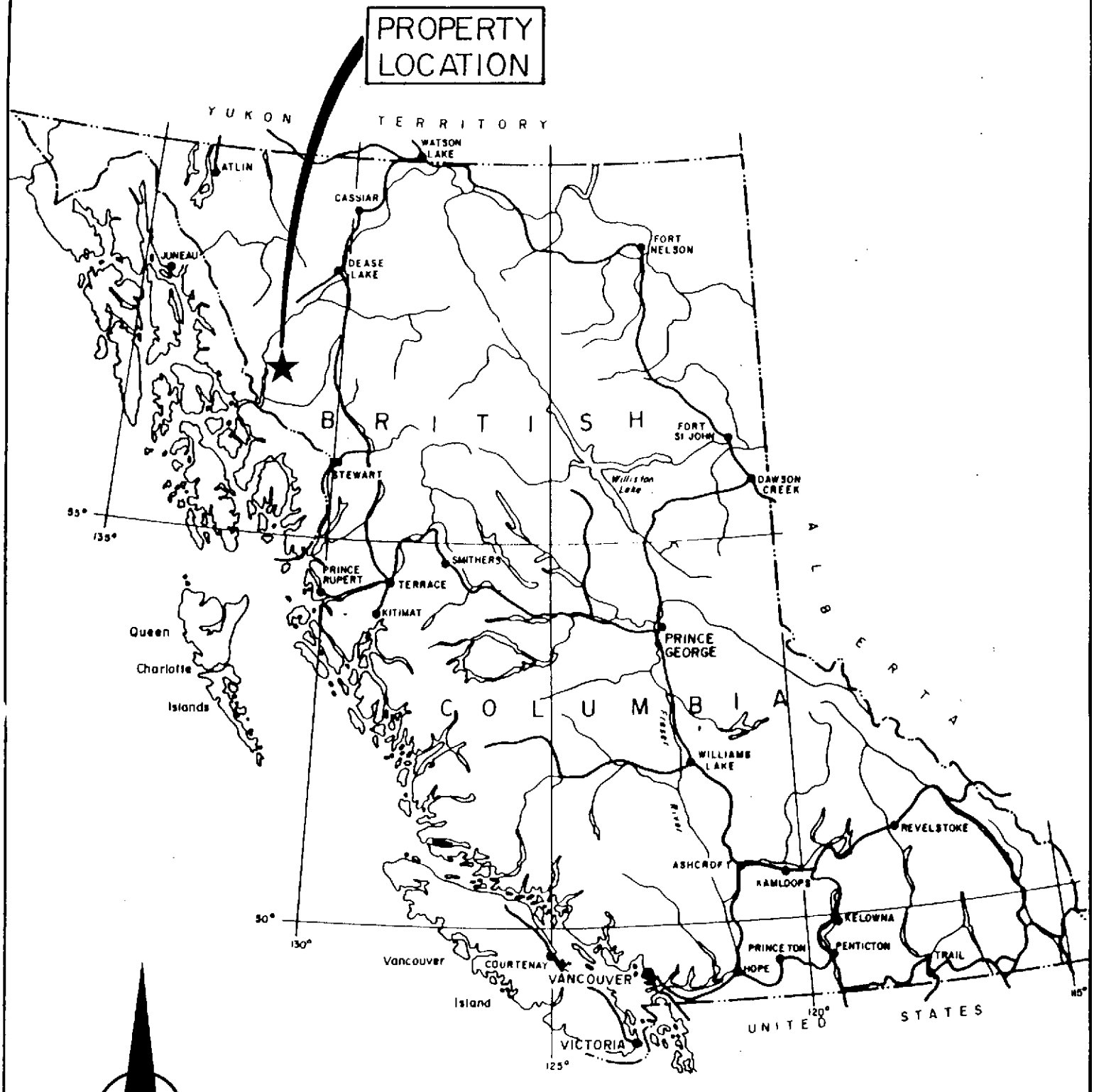
1.3 CLAIM STATUS

The Larkspur property is located within the Liard Mining Division and staked under the provisions of the British Columbian Mineral Tenure Act. The claims cover approximately 675 hectares and are listed in table 1 below.

TABLE 1: - CLAIM STATUS

Claim Name	Record Number	Recording Date	Renewal Period	Total Units
LARK 1	5827	19-FEB-89	19-FEB-93	8
LARK 2	5828	19-FEB-89	19-FEB-93	4
LARK 3	6484	06-OCT-89	06-OCT-92	20
LARK 4	6485	06-OCT-89	06-OCT-92	12

* pending acceptance of this report.



TICKER TAPE RESOURCES			
LARKSPUR PROPERTY PROPERTY LOCATION MAP LIARD MINING DIVISION			
COAST MOUNTAIN GEOLOGICAL LTD. / QUEST CANADA RESOURCES LTD			
DRAWN BY B K	NTS. 104G/3	DATE. NOVEMBER, 1990	FIGURE: 1

The claims are owned by Joe Tarnowski of Vancouver and are under option to Ticker Tape Resources Ltd. of Vancouver, B.C.

1.4 REGIONAL EXPLORATION HISTORY

The first recorded mineral exploration in the area was undertaken in 1861 when placer gold was discovered on the Stikine River just downstream of the Telegraph Creek town site.

Exploration emphasis changed to the search for lode deposits during the 1920's, 30's and 40's. Exploration was confined to accessible areas along the Stikine River, with a number of small copper occurrences being discovered.

The first major exploration efforts occurred in the 1950's when Hudson Bay and Kenicott Copper were looking for large tonnage, porphyry copper deposits. This led to the discovery of the Galore Creek (137 MT grading 1.02% Cu, 0.014 OPT Au), Copper Canyon (27 MT grading 1.02% Cu, 0.02 OPT Au) and Shaft Creek (363 MT grading 0.40% Cu and 0.010 OPT Au) deposits.

Exploration since then has yielded more results including the Paydirt (0.2 MT grading 0.12 OPT Au), the Jack Wilson and Trophy deposits.

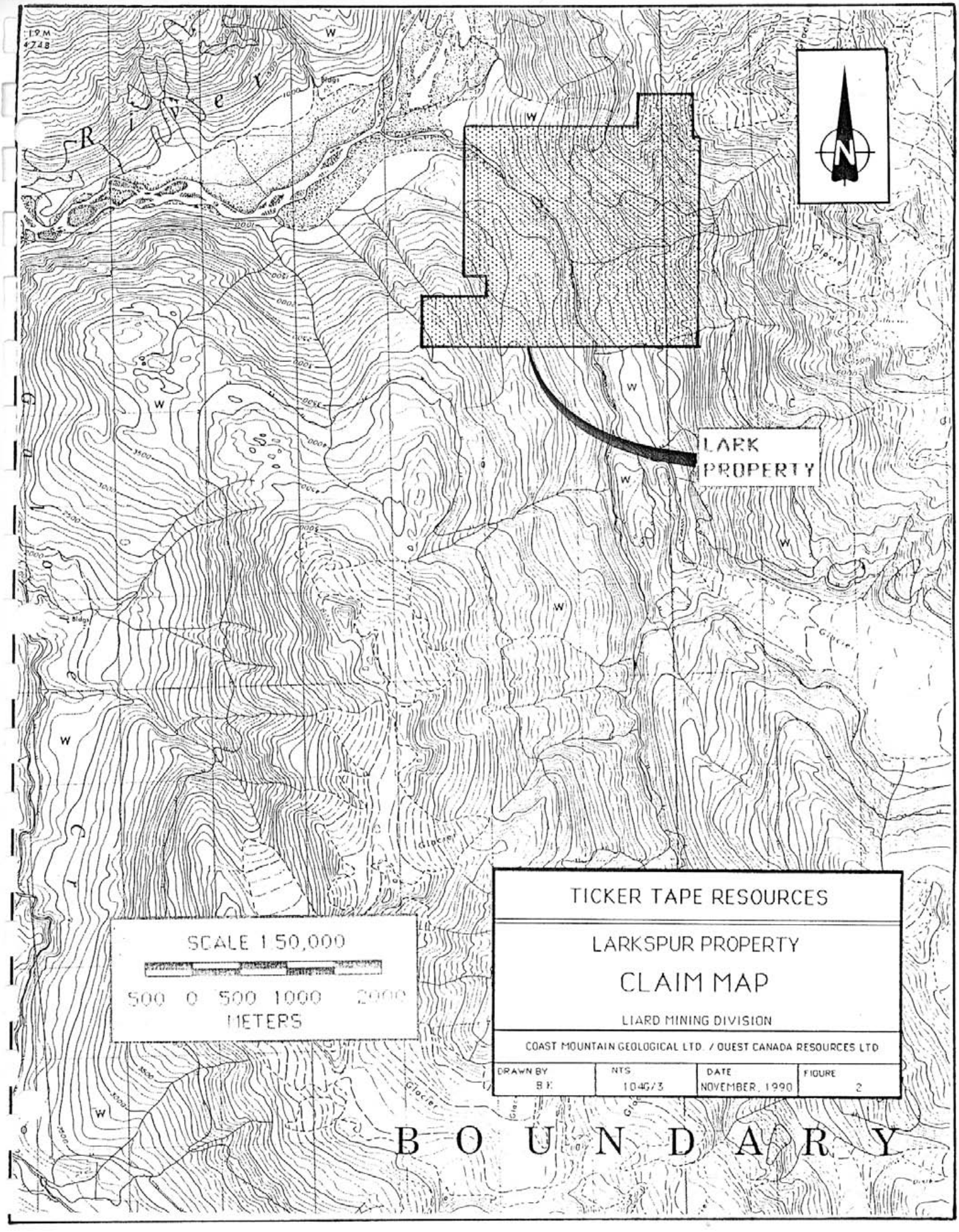
The Galore Creek Camp is currently undergoing a resurgence of exploration activity as mining companies look further north within the same "Stikine Arch" that has produced the successful Stewart and Iskut Gold Camps. Major exploration programs in the area for 1990 include drilling programs on the Galore Creek, Jack Wilson, Copper Canyon and Trophy prospects.

1.5 PROPERTY EXPLORATION HISTORY

During the summer of 1987, the B.C. Geological Survey Branch conducted a regional stream sediment geochemistry survey in the area. Three creeks were sampled that drain the property. One sample was anomalous (>95th percentile) in antimony and weakly anomalous (>75th percentile) in lead, molybdenum and mercury, a second sample was weakly anomalous in gold, copper, nickel and antimony, and the final sample was weakly anomalous in copper, antimony and cobalt.

During the summers of 1988 and 1989, the B.C. Geological Survey Branch conducted a regional geological mapping program in the area. During this program, 4 rock samples were collected and assayed from the Larkspur property. Results from these assays were insignificant.

During October of 1989, one day was spent prospecting on the claims by Coast Mountain Geological Ltd. personnel. During this day, 9 rock samples and 2 stream sediment silt samples were collected.


LARK
PROPERTY
N
SCALE 1:50,000
500 0 500 1000 2000
METERS
TICKER TAPE RESOURCES
LARKSPUR PROPERTY
CLAIM MAP
LIARD MINING DIVISION
COAST MOUNTAIN GEOLOGICAL LTD. / QUEST CANADA RESOURCES LTD
DRAWN BY B.Y.
NTS 104G/3
DATE NOVEMBER, 1990
FIGURE 2
B O U N D A R Y

One silt sample was strongly anomalous (>95th percentile) in silver, lead and zinc and weakly anomalous (>75th percentile) in gold, arsenic, molybdenum and nickel. The other silt sample was strongly anomalous in nickel and weakly anomalous in silver and zinc. No significant results were obtained from the rock samples.

1.6 1990 WORK PROGRAM

Phase 1 exploration consisted of stream sediment silt sampling, prospecting and contour soil sampling. Phase 2 consisted of geological mapping, prospecting, grid soil sampling, VLF-EM geophysics and magnetometer geophysics. A total of 34 man days were spent on the claims. During this time, 1.0 kilometres of base line was cut and 10.9 kilometres of flagged grid lines were run while soil sampling. Soil samples were collected at 25 or 50 metre intervals. A total of 507 soil samples, 13 stream sediment silt samples and 36 rock samples were collected. A VLF-EM and Magnetometer Survey was conducted on three of the grid lines for a total of 2.175 kilometres using an IGS-2/MP4 instrument.

The 1990 work program was conducted by the following Quest Canada Exploration Ltd. and Coast Mountain Geological Ltd. personnel:

Andrew Wilkins B.Sc.	Project Geologist
William Kushner B.Sc.	Geologist
Todd Faragher	Geologist
David Ridley	Prospector
Catherine Ridley	Prospector
Jake Herrero	Prospector/Sampler
Jamie McClennan	Prospector/Sampler
Gerald McKee	Sampler
Andy Cooper	Geophysical Technician

2. GEOLOGY

2.1 REGIONAL GEOLOGY

The Regional Geology is presented in Figure 3 (Logan, Koyanagi and Rhys, 1989, and Brown and Gunning, 1989).

The Galore Creek Mining Camp lies on the western margin of the Intermontane Belt within the Stikine Arch in contact with the Coast Plutonic Complex. The Stikine Arch is a northeasterly trending belt of metamorphic rocks that formed a positive tectonic element throughout the Mesozoic (Souther and Armstrong, 1966). Sediments derived from rocks of the Stikine Arch were shed north and northeast in to the southern extension of the Whitehorse Trough during the Upper Triassic and Lower Jurassic.

The oldest rocks consist of highly deformed Permian and older metamorphic rocks and Permian crystalline limestones belonging to the Stikine Assemblage, and a thin succession of Middle Triassic siltstones. These are in fault contact or unconformably overlain


Pl1
Tp
Pe
m/uTSv
Qal
uTSb
mTHd
mTs?
eJm
uTSv
mTs
uTSp
uTSs
emJGs
+3356
+3355
+3371
+3376
+3377
+3372
+3353
+3374
+3375
SCALE 1:50,000
500 0 500 1000 2000
METERS
TICKER TAPE RESOURCES
LARKSPUR PROPERTY
REGIONAL GEOLOGY MAP
LIARD MINING DIVISION
COAST MOUNTAIN GEOLOGICAL LTD. / QUEST CANADA RESOURCES LTD.
DRAWN BY: B.K.
NTS: 104G/3
DATE: DECEMBER, 1990
FIGURE: 3

by the Upper Triassic Stuhini Group consisting of augite andesite and andesitic breccias, agglomerates, flows and tuff interspersed with locally derived sandstones and siltstones. These have been intruded by Upper Triassic to Lower Jurassic syenite stocks and dykes, quartz diorite and granodiorite stocks and plutons, belonging to or related to the Hickman Batholith, as well as Jurassic to Tertiary quartz monzonite, granodiorite, and quartz diorite belonging to the Coast Plutonic Complex to the west.

2.2 PROPERTY GEOLOGY

The property geology is presented in Figures 4 and 5 in the back of the report.

2.2.1 LITHOLOGY

The Larkspur property is underlain by a succession of cliff forming Permian limestones belonging to the Stikine Assemblage. The limestones are light grey to buff, massive to thickly bedded, bioclastic calcarenite. Maroon to green coloured lapilli tuff and epiclastics are interbedded within the limestone.

TABLE 2: - TABLE OF FORMATIONS

QUATERNARY
PLEISTOCENE AND RECENT
Q ..... Glacial drift and alluvium.

Unconformity

EARLY JURASSIC
COAST PLUTONIC COMPLEX
eJm ..... Granodiorite.

MIDDLE TRIASSIC
HICKMAN BATHOLITH
mTd ..... Diorite.

Intrusive contact

UPPER TRIASSIC
STUHINI GROUP
uTv ..... Andesitic flows, lapilli tuff, breccias and fragmentals.

Fault contact

PERMIAN
STIKINE ASSEMBLAGE
Pl ..... Bioclastic calcarenite.

Plp ..... Lapilli tuff and epiclastics.

The limestones are in fault contact with volcanics and sediments of

the Upper Triassic Stuhini Group to the east. The volcanics consist of andesitic, light to dark green pyroxene-porphyry flows, lapilli tuff, breccias and fragmentals. The sediments consist of dark to medium grey, weakly gossanous argillite. A sliver of Stuhini volcanics and sediments also runs through the western portion of the property. Included in this sliver is an extremely siliceous light green siltstone or chert that forms a prominent 25 metre cliff band.

In the eastern portion of the claims, the Stuhini Group has been intruded by the middle Triassic Hickman Batholith, consisting of medium to coarse grained biotite, hornblende, augite diorite.

On the western boundary of the claims, the Stikine Assemblage has been intruded by early Jurassic medium grained hornblende, biotite granodiorite.

2.2.2 STRUCTURE

A major north trending, steeply dipping fault runs through the eastern portion of the claims and separates the Stikine Assemblage from the Stuhini Group. Associated with this fault is a major carbonate alteration zone up to 30 metres wide with minor chlorite and mariposite. No mineralization was found within this structure.

Other northwest and northeast trending, steeply dipping faults were observed on the claims.

3. GEOCHEMISTRY

3.1 INTRODUCTION

Stream sediment silt samples were collected from most creeks on the property. Soil samples were collected at 25 or 50 meter intervals on contour lines and grid lines in the southwest portion of the property. Grab rock samples were collected from interesting lithologies, alteration and mineralized showings. A total of 13 silt samples, 507 soil samples and 36 rock samples were collected.

Geochemical analysis are presented in Appendix 2.

3.2 SAMPLE PREPARATION AND ANALYTICAL PROCEDURE

Soil and silt samples were collected in KRAFT gusseted paper bags and sent to ACME ANALYTICAL LABS of Vancouver B.C.. At ACME, samples were oven dried at approximately 60 degrees Celsius and sieved to minus 80 mesh. Rock samples were collected in plastic bags and also sent to ACME. Samples were then crushed down to 3/16 of an inch, and then a 1/2 pound of the sample is pulverized to minus 100 mesh. A 0.5 gram sample of the minus 80 fraction of all samples was digested in hot, dilute aqua regia in a boiling water bath and then diluted to 10 millilitres. with distilled water.

Samples were analyzed for a group of 30 elements using the Induced Coupled Plasma (ICP) technique. In addition, gold was analyzed from a 10 gram fraction by the conventional Atomic Absorption (AA) technique. One rock sample was assayed for silver, zinc and cadmium by conventional assay techniques.

3.3 MINERALIZATION & ROCK GEOCHEMISTRY

Rock sample descriptions are presented in Appendix 1.

Two mineralized showings were found on the property.

The first showing consists of a boulder 0.5 metres in diameter which assayed 43.9 grams per tonne (1.28 ounces per ton) silver, 34.95% zinc and 0.47% cadmium. The boulder consisted of predominately box worked weathered cellular Smithsonite (a secondary zinc carbonate) with minor malachite. Outcrop is limited and the showing is associated with a soil geochemistry anomaly. It is believed that the boulder is close to its outcrop source.

The second showing consists of minor chalcopyrite in quartz microveins within the Hickman diorite. This showing contained up to 774 ppm copper.

3.4 STREAM SEDIMENT GEOCHEMISTRY

Stream sediment geochemistry results were compared with the results from the Regional Geochemistry Survey conducted in 1987 by the British Columbia Geological Survey. Samples greater than the 95th percentile were considered anomalous.

TABLE 3: - 95TH PERCENTILES FOR STREAM SEDIMENT SAMPLES

Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb	Mo ppm	Ni ppm	Co ppm	Sb ppm
>125	>27	>152	>0.5	>72 >15*	>6	>92	>25	>5

* 75th percentile for Au.

All but one sample were anomalous in at least one element. Numerous samples were anomalous in silver, zinc, antimony, nickel and cobalt. The southwest corner of the property is anomalous in the most elements and consists of a cluster of two samples which are anomalous in silver, molybdenum, zinc, antimony, nickel and cobalt. One of these samples is also anomalous in lead.

3.5 SOIL GEOCHEMISTRY

3.5.1 TREATMENT AND PRESENTATION OF RESULTS

The construction of histograms, probability plots and the calculation of means, medians and standard deviations were performed using the Association of Exploration Geochemists PROBPLOT program (Stanley, 1987).

The PROBPLOT program is an interactive software tool which allows a user to rapidly analyze cumulative frequency data. The program is capable of representing numerous forms of frequency distributions consisting of combinations of normal or log-normal populations. An appropriate frequency distribution model can be used to separate the multi-modal data distribution into its component populations. These, in turn, can be used to define thresholds which separate the data into groups corresponding to these component populations.

The data was treated as two populations. Gold, silver, copper, lead, zinc, and molybdenum were found to approximate a log-normal distribution. Threshold values and anomalous values were determined at the mean plus two standard deviations (x+2s) and the mean plus three standard deviations (x+3s) respectively. Anomalous sample divisions are summarized in Table 4 and summary statistics and histograms are presented in Appendix 3.

TABLE 4: - STATISTICAL SUMMARY OF ANOMALIES

Mean (x) lognormal*	Threshold x+2s	Anomalous x+3s	Strongly Anomalous x+4s
Au* 8 ppb	76-235	236-732	733+
Ag* 0.4 ppm	3.1-8.4	8.5-22.9	23.0+
Mo* 3 ppm	10-20	21-39	40+
Cu* 28 ppm	186-474	475-1211	1212+
Pb* 14 ppm	91-234	235-603	604+
Zn* 107 ppm	629-1529	1530-3717	3718+

3.5.2 SOIL GEOCHEMISTRY RESULTS

Soil geochemistry results are plotted in Figures 6 to 11.

The thresholds for anomalous silver, lead and zinc are very high for the Scud River and Galore Creek area making the anomalies pretty significant.

Geochemistry results outline a poorly defined discontinuous north trending lead, zinc, silver and gold soil anomaly with sporadic

copper. The anomaly runs through the west central part of the grid from approximately 101N/92E to 105N/98E and contains up to 2,240 ppb gold, 13.0 ppm silver, 3,709 ppm lead, 12,121 zinc and 2,522 ppm copper. Three hundred metres to the east and west are two less substantial anomalies in the same elements that parallel this same north trend.

In the eastern corner of the grid is a copper, lead, zinc, molybdenum, silver and gold anomaly of no definite orientation. Values of up to 16.7 ppm silver and 2,160 zinc have been returned from this anomaly.

A broad molybdenum anomaly occurs in the north central part of the claims centred at 102N/97E. The north trending multi-element anomalies run into this broad anomaly.

4. GEOPHYSICS

A VLF-EM and Magnetometer Survey was conducted on three of the grid lines for a total of 2.175 kilometres using an IGS-2/MP4 instrument. A Total Field Magnetometer Profile Map is presented in Figure 12 and VLF-EM Profile Maps for Hawaii and Seattle are presented in Figures 13 and 14 in the back of the report.

The Magnetometer survey is fairly flat with values ranging from 56,930 nt. to 57,155 nt. The magnetometer highs seem to be coincident with the Stuhini Group volcanics.

The VLF-EM for Hawaii shows some weak anomalies that seem to improve to the northeast. Line 92E is fairly flat, with no response over the mineralized showing at 100+60N. Line 94E has one crossover centred at 97+75N. Two other weak anomalies occur at 100+75N and 104N. Line 96E contains the strongest anomaly centred at 99+80N. Another weaker anomaly occurs at 97+25N.

The anomalies at 94E/97+75N and 96E/99+80N have similar responses and are both coincident with a creek running through the property. Gold, copper and zinc soil anomalies are associated with this creek as well.

The VLF-EM for Seattle is fairly flat, however there is some noise around the same Hawaii anomaly at 94E/97+75N.

5. DISCUSSION

Numerous mineral deposit types have been recognized in the Galore Creek Camp and the Porcupine Creek Area. These include porphyry deposits, structurally controlled shears and veins, skarns, and breccias. Both a Lower Jurassic mineralizing event and a Tertiary mineralizing event are recognized.

Narrow, sporadic but strong soil geochemistry, topography and

geophysics suggest the presence of narrow, mineralized, north striking faults and shears in the southwest portion of the claims. The predominant limestone geology and the presence of granodiorite intrusions just west of the claims suggests that these structures are most probably skarns. The Smithsonite showing also looks skarn related.

6. CONCLUSIONS AND RECOMMENDATIONS

Exploration on the Larkspur Property consisted of prospecting, silt sampling, contour soil sampling, grid soil sampling, VLF-EM geophysics, magnetometer geophysics and geological mapping.

The property is underlain by the Permian Stikine Assemblage consisting of limestones with minor interbedded lapilli tuff and epiclastics. The Stikine Assemblage is in fault contact with andesitic volcanics and sediments of the Upper Triassic Stuhini Group. These have been intruded by the Middle Triassic Hickman Batholith to the east and by early Jurassic granodiorite to the west.

The most significant showing on the property consists of a boulder 0.5 metres in diameter which assayed 43.9 grams per tonne (1.28 ounces per ton) silver, 34.95% zinc and 0.47% cadmium. The boulder is made up of extremely weathered Smithsonite with minor malachite.

Numerous anomalous stream sediment silt samples occur on the property. These samples are anomalous in at least one of gold, silver, molybdenum, copper, lead, zinc, antimony, nickel and cobalt.

Soil geochemistry has resulted in numerous anomalies, the most significant being a north trending multi-element anomaly that is coincident with the one showing on the property.

Geophysics has outlined some weak VLF-EM anomalies that seem to improve to the northeast.

Further exploration should be focused on delineating the source for the geochemistry and geophysical anomalies.

Recommendations are as follows:

1) Genie EM geophysics over grid.

2) Kaboda trenching of coincident soil geochemistry and Genie EM geophysics anomalies as well as the Smithsonite showing at 92E/100+62N

3) Surface geological mapping of trenches.

4) Prospecting east of the Scud River in the vicinity of the

chalcopyrite showings.

If results warrant:

1) Diamond drilling of most promising zones.

2) Extension of grid to the north-northwest.

3) Soil geochemistry, Genie EM geophysics and geological mapping over the extended grid.

7. REFERENCES

Allen, D.G., Panteleyev, A. and Armstrong, A.T., 1976: Galore Creek, Canadian Institute of Mining, Special Volume #15, pp. 402-414.

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Panteleyev, A., 1976: Galore Creek Map Area, British Columbia, British Columbia Ministry of Energy, Mines, and Petroleum Resources, Geological Fieldwork 1975, Paper 1976-1, pp.79-81.

Souther, J.G., 1971: Telegraph Creek Map Area, British Columbia, Geological Survey of Canada, Paper 71-44.

Stanley, C.R., 1987: Probplot, An Interactive Computer Program to Fit Mixtures of Normal (or Log-Normal) Distributions with Maximum Likelihood Optimization Procedures, Version 1.00 H0, Association of Exploration Geochemists, Special Volume #14.

8. STATEMENT OF EXPENDITURES

Salaries:	
Project Geologist:	
17.69 man days @ $370 per day	$6,545.30
Geologists:	
11.11 man days @ $285 per day	$3,166.35
Prospector	
5.0 man days @ $265 per day	$1,325.00
Prospector/Samplers:	
10.0 man days @ $255 per day	$2,550.00
Samplers:	
8.0 man days @ $230 per day	$1,840.00
Helicopter:	
6.6 hours @ $700 per hour	$4,620.00
Geochemical Analysis:	
Rock Samples:	
36 samples @ $10.15 per sample	$ 365.40
Silt and Soil Samples:	
520 samples @ $8.20 per sample	$4,264.00
Freight	
489 lbs @ $1.54 per lbs.	$ 753.06
Room and Board in Scud Camp:	
39.50 man days @ $155 per day	$6,122.50
Pilot: (pro rata), 11 days	$ 405.00
Miscellaneous:	
Field Gear	
45.75 days @ $5 per day	$ 228.75
Radios	
45 days @ $3 per day	$ 135.00
Chain saw	
4 days @ $20 per day	$ 80.00
Consumables	$ 317.25
Expediting (pro rata)	$ 105.00
Rock Cutting	
13 @ $10 per rock	$ 130.00
Project Preparation	$ 93.98
Assessment Filing Fees	$ 440.00
Other	$ 9.00
Mob-Demob:	$5,250.00
Management Fees: (15%)	$5,811.84
Total Geological Costs:	$44,557.43

VLF/Mag Survey:		
2.3 km. @ $250 per km.	$ 575.00	
Camp Charges:		
1 day @ $135 per day	$ 135.00	
Management Fees: (15%)	$ 106.50	
Total Geophysical Costs:		$ 816.50
Salaries:		
Project Geologist:		
14 days @ $370 per day	$5,180.00	
Drafting Costs:	$ 500.00	
Miscellaneous Costs:	$ 500.00	
Management Fees: (15%)	$ 927.00	
Total Report Costs:		$ 7,107.00
TOTAL EXPLORATION COSTS:		**$52,480.93**

9. STATEMENT OF QUALIFICATIONS

I, **Andrew L. Wilkins**, of P.O. Box 629, Pemberton, B.C., certify that:

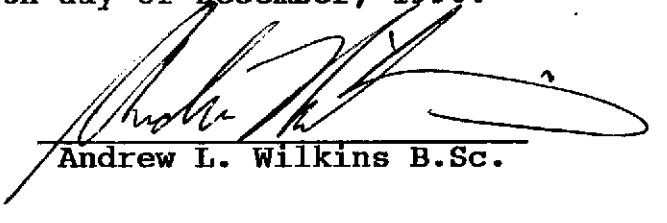
1) I am a graduate of the University of British Columbia with a B.Sc. degree in the geological sciences (1981).

2) I have been engaged in the mining exploration industry in British Columbia and the Yukon since 1978.

3) I was the project geologist on the Larkspur project.

4) I was involved with the work performed on the LARK 1-4 Claims during the summer of 1990 and am author of this report.

Dated this **fifteenth** day of **December, 1990.**



Andrew L. Wilkins B.Sc.

APPENDIX 1
ROCK SAMPLE DESCRIPTIONS

COAS MOUNTAIN GEOLOGICAL LTD.

ROCK SAMPLE SHEET

QUEST CANADA RESOURCES CORP.

Sampler ANDREW WICKINS
Date JUN 19/21 JUL 2

Property LARK - R90-03-16

NTS 104G/3

SAMPLE NO.	Sample Width	DESCRIPTION			ADDITIONAL OBSERVATIONS	ASSAYS				
		Rock Type	Alteration	Mineralization		Cu	Pb	Zn	Ag	Au
90G-16-W1	G	ANDS	vn: CA-QZ pv: SD-MS		CA-QZ microveins in pervaissive SD-MS altered volcanics	37	3	18	.1	3
90G-16-W2	G	ANDS	MF-CA-SD		Bright green fuchsite altn of fx, CA-SD altn as well.	25	10	14	.1	1
90G-16-W3	G	ANDS	MS-MF		More intense sericite-fuchsite altn of volcanics	13	4	18	.1	6
90F-16-W4	F	LMST	CB-MF		Carbonate and fuchsite altn of Permian LMST (skarny looking)	149	5	18	.1	2
90G-16-W5	G	LMST	QZ-MF-SD		Green QZ flooding in LMST with green mica. LMST is sheared with SD altn ~ 040/67SE	11	5	25	.1	2
90F-16-W6	F	ANDS LPTF			Light green ANDS LAPILLI TUFF, well foliated with frags up to 1cm - Gossanous.	23	20	134	.4	1
90G-16-W7	G	ANDS TUFF	CL		Med green, chloritic ANDS TUFF, sheared in Places	8	5	13	.1	4
90F-16-W8	F		PY		Gossanous cherty looking float. ~1% dis PY.	5	5	17	.1	1
90F-16-W9	F	minor MS	5% PY.		Felsic intrusive fine to med. grained with minor MS altn and 5% PY cubes - gossanous	3	7	34	.2	1
90G-16-W10	G	ANDS			CB vein-euhedral CA, minor CL and dis PY 5cm wide in CB altered ANDS	9	10	31	3	38
90G-16-W11	G	BRXX	CB-MN		well rounded, CB altered frags in a gossanous MN stained matrix	14	31	80	.4	17
90G-16-W12	G	ANDS	QZ-CB		QZ-CB microveining with PY - gossanous ANDS	529	2	30	.4	230
90G-16-W13A	G	ANDS	CL	PR 2-5%	Med to dk green foliated ANDS tuff with 2-5% dis pyrite - Gossanous w stockwork of QZ vns	22	4	54	.1	10
90G-16-W13	G	ANDS	QZ	PY-PR	Gossanous ANDS volcanics with 5% dis PY and silica flooding along shear.	224	9	170	0.3	47
90G-16-W14	G	ANDS.	CL	minor CP	foliated CL-QZ schist (mylonite) - agglomerate siliceous veins w minor CP.	35	2	24	.1	128

C-CHIP G-GRAB F-FLOAT

ROCK SAMPLE SHEET

Sampler Andrew Wilkins
Date Jul/90

Property LARK - R90-03-16

NTS 104G/3

SAMPLE NO.	Sample Width	DESCRIPTION: Rock Type	Alteration	Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS: Cu	Pb	Zn	Ag	Au
90G-16-W15	G	QZ pod	QZ.	PY	Gossanous QZ pod with 5% dis PY - white-euhedral QZ w some large MS	22	3	22	.1	7
90G-16-W16	G	GRAN.	MN staining	5% PY(dis)	QZ rich, med grained granitic intrusion.	13	2	28	.1	9
90F-16-W17	F	LMST	CA.	dis PY	recrystallized CA.	5	3	19	.5	6
90F-16-W18	F	RHYL	-	-	Gossanous and ext. weathered QZ eye rhyolite? - very broken up	103	7	70	.1	31
90G-16-W20	G	LMST	CA-SD	—	euhedral CA-SD vning and pxx in LMST. SD gossan	7	5	146	.1	1
90G-16-W21	G	ARGL		PY.	black carbonaceous shale or argillite w 10% PY blebs	81	7	23	.5	1
90G-16-W22	G	MONZ	QZ-PY	PY.	Bleached matics and 10% dis PY, siliceous ? Monzonite.	15	17	157	.5	4
90G-16-W23	G	ANDS	QZ-CB vning CL	PY	Vuggy QZ-CA vning in small shear in volcanics could be boxwork weathering	20	4	97	.2	5
90F-16-W24	F	?	QZ-CB	SL + boxwork	Box work weathered QZ-CB [illegible] boulder - most sulphides weathered out.	2173	17	4444	33.6	53
					boulder 30cm in diameter.					

C-CHIP G-GRAB F-FLOAT

AL LTD.

ROCK SAMPLE SHEET

QUEST CAN JA RESOURCES CORP.

Property LARK (#16)

NTS 104G/3

QUEST CANADA RESOL..CES CORP.

NTS 104G/3W

SCRIPTION			ASSAYS				
teration	Mineralization	ADDITIONAL OBSERVATIONS	Cu	Pb	Zn	Ag	Au
licous	diss py (<1%)	limonitic, calcite veinlets, ⊥ 160/82E	346	9	31	0.1	6
ous/gritty	trace cpy (<1%)	qtz + K-spar veins	774	8	60	0.6	7
licous	diss py (<1%)		189	76	544	0.6	4
licous	diss py (<1%)		116	9	28	0.3	4
licous	no visible	limonitic, shear surface ⊥ 005/82W	478	18	77	0.8	28
licous	cpy + py (<1%)		388	10	41	0.2	6

VATIONS	ASSAYS				
	Cu	Pb	Zn	Ag	Au
one.	38	2	27	0.1	1
tered.	73	2	18	0.1	1
scordite	166	12	57	0.1	2
d., scorolite	271	10	53	0.3	1

AT

APPENDIX 2
ANALYTICAL RESULTS

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE(604)253-3158 FAX(604)253-1716

DEC 21 '90 12:20 043 P02
DATE RECEIVED: DEC 17 1990
DATE REPORT MAILED: Dec. 20/90

ASSAY CERTIFICATE

Prime Exploration Ltd. FILE # 90-3011R2

SAMPLE#	Zn %	Cd %	Ag** oz/t
90F-16-W24	34.95	.47	1.28

AG** BY FIRE ASSAY FROM 1 A.T.
- SAMPLE TYPE: ROCL PULP

SIGNED BY. C. Leong D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ROCK GEOCHEMISTRY - LARK PROPERTY - R9003-16

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 %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
90F-16-W04	1	149	5	18	.1	276	25	1222	3.40	2	7	2	1	143	.8	2	2	43	14.09	.042	2	146	5.77	72	.01	2	.22	.01	.07	1	2
90F-16-W06	1	23	20	134	.4	11	38	2642	8.64	2	5	2	1	6	1.8	11	2	101	.18	.131	7	28	1.75	19	.01	2	3.82	.05	.07	6	1
90F-16-W08	4	5	5	17	.1	18	2	324	.61	4	5	2	1	2	.2	2	3	4	.11	.804	2	10	.06	22	.01	4	.10	.01	.01	1	1
90F-16-W09	1	3	7	34	.2	8	4	654	2.35	19	5	2	1	20	.3	2	2	10	1.35	.069	4	13	.38	82	.03	15	.75	.04	.16	1	1
90F-16-W13	1	324	9	196	.3	18	14	486	3.82	14	5	2	1	12	1.2	2	2	109	4.07	.085	3	56	.52	3	.17	12	2.74	.04	.02	1	47
90G-16-P01	1	346	9	31	.1	8	15	587	5.64	6	5	2	1	117	1.1	2	2	94	2.05	.101	3	13	1.00	127	.17	6	3.94	.24	.20	1	6
90G-16-P02	1	774	8	60	.6	4	11	592	3.54	5	5	2	1	22	.8	3	2	36	2.07	.170	12	10	.94	48	.24	12	1.90	.07	.09	3	7
90G-16-P03	2	189	76	544	.6	15	11	426	2.44	141	5	2	1	35	4.8	2	2	49	1.78	.104	3	14	.62	295	.12	7	1.70	.12	.05	2	4
90G-16-P04	1	116	9	28	.3	11	9	310	3.08	38	5	2	1	46	.5	2	2	57	1.24	.111	3	14	.69	33	.16	12	1.88	.15	.08	1	4
90G-16-P05	1	478	18	77	.8	49	26	1058	5.73	172	5	2	1	45	1.1	12	3	85	4.72	.125	4	63	1.64	99	.09	11	2.36	.03	.19	3	28
90G-16-P06	1	388	10	41	.2	14	12	389	2.96	7	5	2	1	36	1.3	2	2	97	2.28	.108	2	25	.92	21	.24	6	2.36	.14	.07	2	6
90G-16-K01	1	38	2	27	.1	266	30	726	4.92	2	5	2	1	396	1.0	2	2	39	19.06	.021	2	92	7.77	493	.01	7	.42	.01	.03	1	1
90G-16-K02	1	73	2	18	.1	77	11	736	2.45	3	5	2	1	248	.2	2	2	12	24.62	.020	3	44	4.55	40	.01	12	.17	.01	.05	1	1
90G-16-K03	16	166	12	87	.1	35	14	575	4.85	27	5	2	1	24	1.4	2	2	138	1.67	.299	17	66	.47	34	.03	2	.86	.05	.08	1	2
90G-16-K04	9	271	10	53	.3	44	14	487	12.07	10	5	2	1	27	.2	6	2	141	1.38	.106	7	124	.84	19	.30	2	1.84	.07	.05	1	1
90G-16-W01	1	37	3	18	.1	436	27	483	3.03	23	5	2	1	438	.2	2	2	25	18.28	.012	2	131	7.71	6	.01	2	.15	.01	.04	1	3
90G-16-W02	1	25	10	14	.1	364	32	848	3.43	6	5	2	1	283	.2	2	2	35	11.92	.016	2	104	7.78	966	.01	7	.32	.01	.06	1	1
90G-16-W03	1	13	4	18	.1	126	17	676	3.85	4	5	2	1	119	.5	2	2	40	13.84	.035	2	113	5.48	33	.01	10	.28	.01	.10	1	6
90G-16-W05	1	11	5	25	.1	520	35	412	3.32	2	6	2	1	119	.7	2	2	72	10.93	.038	2	407	4.75	94	.01	5	1.08	.01	.06	1	2
90G-16-W07	3	8	5	13	.1	9	5	435	1.42	2	5	2	1	216	.2	2	2	21	1.83	.092	2	10	.30	24	.12	9	1.31	.01	.02	1	4
90G-16-W10	1	8	10	31	.3	1	4	4052	4.23	835	6	2	1	116	.7	4	2	4	27.05	.024	12	5	.17	13	.01	2	.22	.02	.07	1	38
90G-16-W11	1	14	31	80	.4	2	7	971	2.40	140	8	2	1	27	.4	2	2	7	7.33	.095	14	4	.08	56	.01	7	.54	.03	.14	1	17
90G-16-W12	1	529	2	30	.4	21	6	1038	4.00	939	5	2	2	81	.4	3	2	25	8.89	.097	6	4	1.05	36	.01	2	1.09	.01	.16	1	230
90F-16-W17	1	5	3	19	.5	1	1	4225	.59	7	9	2	2	137	.3	2	3	5	23.98	.005	2	1	4.49	5	.01	2	.02	.01	.01	1	6
90F-16-W18	1	103	7	70	.1	7	9	221	8.47	71	5	2	1	3	.2	2	2	67	.02	.014	6	5	.02	25	.01	2	.62	.01	.10	1	31
90G-16-W13	26	22	4	59	.1	35	9	546	4.24	5	5	2	1	4	.2	3	2	46	.16	.035	6	19	1.95	55	.01	2	2.18	.01	.07	1	10
90G-16-W14	1	35	2	24	.1	6	3	537	1.66	2	5	2	1	22	.2	2	2	6	1.38	.077	8	3	.41	63	.01	5	.42	.03	.19	1	128
90G-16-W15	1	22	3	22	.1	26	6	782	1.54	5	5	2	1	24	.2	3	2	12	1.79	.053	5	6	.70	37	.01	3	.22	.06	.04	1	7
90G-16-W16	2	18	2	28	.1	8	6	528	2.00	2	5	2	1	11	.3	2	2	6	.99	.077	7	4	.16	86	.01	6	.42	.04	.19	1	9
90S-16-Q12	2	789	46	222	9.4	24	8	14325	7.48	419	5	4	1	28	3.5	11	2	40	2.26	.107	32	31	.30	159	.02	3	1.59	.01	.04	1	3720
90F-16-W21	4	81	7	23	.5	14	7	307	4.47	15	5	2	2	4	.2	2	3	24	.10	.007	2	12	.21	33	.02	2	.53	.01	.03	2	1
90F-16-W24	1	2173	17	99999	33.9	4	1	643	1.91	111	7	2	1	12	2188.1	60	2	4	3.40	.010	2	106	1.87	29	.01	2	.82	.01	.02	1	53
90G-14-K01	1	93	21	1072	.3	22	23	165	7.49	3	5	2	3	36	17.6	3	2	29	.54	.042	12	13	1.92	92	.01	3	2.62	.01	.14	1	9
90G-14-W03	1	91	34	2476	.4	55	16	380	7.49	7	5	2	3	122	44.8	5	2	15	1.43	.057	22	15	1.47	55	.01	3	1.92	.01	.19	1	3
90G-16-K10	3	275	4	73	.2	7	6	951	2.35	2	5	2	2	24	1.0	2	2	10	2.02	.081	4	11	.49	96	.01	5	.38	.04	.18	1	15
90G-16-K11	1	36	8	358	.3	15	13	919	4.90	8	5	2	2	20	6.0	2	2	66	1.70	.101	6	23	1.28	47	.15	5	2.83	.07	.11	1	8
90G-16-W20	1	7	5	146	.1	1	1	1800	.42	9	9	2	1	325	1.5	5	3	2	35.53	.001	16	16	.28	55	.01	2	.02	.01	.02	1	1
90G-16-W22	2	18	17	157	.5	5	13	609	4.95	9	5	2	3	47	2.9	2	2	58	.80	.090	9	6	.87	89	.15	3	1.97	.15	.12	1	4
90G-16-W23	1	20	4	976	.2	7	8	4110	3.09	37	5	2	1	35	15.9	2	2	20	3.23	.070	9	11	.68	177	.01	2	1.47	.01	.15	1	5

SILT GEOCHEMISTRY - LARK PROPERTY - R9003-16

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 %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
90L-16-Q01	2	74	7	213	.5	119	17	1942	4.17	21	5	2	1	61	1.7	2	2	55	2.84	.122	14	85	2.00	147	.05	4	2.12	.02	.05	1	21
90L-16-W01	1	179	3	87	.3	34	22	689	7.21	50	5	2	1	49	1.3	8	2	252	1.37	.135	10	60	1.40	75	.20	12	2.71	.03	.05	1	27
90L-16-W02	1	109	5	59	.2	17	13	436	6.39	27	5	2	2	29	.3	2	2	284	1.31	.294	22	41	.82	30	.14	15	1.18	.02	.03	1	1
90L-16-W03	2	95	14	226	.8	104	20	982	4.78	33	5	2	1	52	1.1	5	5	58	2.84	.091	12	50	.92	103	.03	7	1.34	.01	.03	1	1
90L-16-W04	14	89	16	270	.8	289	29	1162	5.67	37	5	2	1	41	2.4	7	2	104	1.48	.116	10	155	2.65	288	.06	14	2.09	.01	.05	1	5
90L-16-W05	21	94	30	269	.9	233	27	956	5.62	42	5	2	1	41	2.3	7	2	108	1.40	.116	11	132	1.92	275	.04	10	1.86	.01	.04	1	2
90L-16-W07	1	130	21	96	1.0	444	44	836	5.08	39	5	2	1	60	.7	2	2	77	1.65	.062	4	230	5.46	139	.06	10	2.42	.03	.08	1	1
90L-16-W08	1	84	5	102	.5	38	13	759	3.56	22	5	2	1	53	.9	3	2	99	1.66	.104	7	37	.97	50	.09	16	1.36	.02	.03	1	4
90L-16-W09	1	109	8	71	.9	22	18	535	6.94	14	5	2	1	65	1.2	7	2	258	1.47	.126	9	39	1.25	37	.21	22	2.27	.03	.04	1	5
90L-16-W10	1	53	9	63	1.0	32	11	414	3.73	9	5	2	1	74	.9	7	2	77	3.84	.084	7	34	1.33	37	.12	11	1.19	.03	.03	1	1
90L-16-W10A	1	110	15	582	.8	139	18	1641	4.69	32	5	2	1	32	4.1	3	2	62	1.75	.123	11	118	1.66	221	.05	5	1.87	.02	.06	1	16
90L-16-W11	1	74	6	123	.3	754	56	716	5.07	16	5	2	1	56	1.2	2	2	73	1.12	.043	3	208	10.40	70	.07	8	3.29	.01	.11	1	7
90L-16-W12	1	74	4	33	.1	670	46	531	5.83	8	5	2	1	120	1.0	2	2	92	1.20	.043	2	376	9.05	168	.07	9	2.80	.03	.20	1	5

SOIL GEOCHEMISTRY - LARK PROPERTY - R9003-16

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 %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
90S-16-K01	1	75	7	49	.5	1051	67	570	8.82	2	5	2	1	141	.8	2	2	92	3.08	.042	2	453	9.54	209	.01	12	4.84	.02	.08	1	1
90S-16-K02	1	170	11	23	.2	521	66	573	3.47	7	5	2	1	80	.7	5	2	51	4.17	.122	4	90	2.39	214	.01	2	1.05	.01	.10	1	1
90S-16-K03	4	162	13	42	.5	747	72	943	7.93	24	5	2	1	72	1.5	2	2	91	3.71	.081	4	315	6.42	156	.01	9	2.83	.01	.04	1	2
90S-16-K04	1	80	2	42	.5	520	41	724	7.40	4	5	2	1	58	2.0	2	2	125	2.02	.083	4	522	4.57	200	.08	7	2.05	.02	.04	1	1
90S-16-K05	4	97	7	70	.7	519	42	697	8.16	23	5	2	1	46	1.5	7	2	111	1.82	.100	6	402	3.83	149	.06	5	1.75	.03	.04	1	3
90S-16-W01	1	102	11	64	.4	772	65	883	8.29	4	5	2	1	113	1.2	5	2	93	2.81	.072	8	284	3.27	360	.02	11	2.01	.02	.05	1	5
90S-16-W02	5	1033	37	222	2.6	214	55	968	17.54	147	5	2	1	25	.9	27	2	159	1.78	.078	9	131	1.80	55	.13	12	2.78	.02	.04	1	10
90S-16-W03	3	260	23	156	.9	504	44	1094	9.60	181	5	2	1	40	2.2	11	2	106	1.10	.120	11	177	3.99	192	.14	14	3.33	.05	.15	1	32
90S-16-W04	1	66	2	34	.4	1115	66	474	6.96	20	5	2	1	95	1.3	2	4	64	4.09	.039	2	279	6.90	139	.01	9	1.66	.01	.08	1	1
90S-16-W05	1	89	5	42	.4	667	42	643	9.22	3	5	2	1	29	.3	2	2	126	.50	.060	4	628	4.99	106	.09	6	1.79	.04	.04	1	1
90S-16-W06	5	90	9	59	.3	682	54	763	8.05	16	5	2	1	33	1.9	8	2	74	1.86	.100	13	233	2.24	143	.03	7	1.57	.02	.07	1	1
90S-16-W07	1	81	11	39	.4	927	64	467	6.97	2	5	2	1	85	.8	2	4	68	2.21	.043	3	406	9.04	44	.08	10	5.26	.01	.07	1	4
90S-16-W08	1	62	49	307	1.2	22	52	2437	7.25	1479	5	2	2	22	1.7	4	2	76	1.83	.169	10	8	.23	154	.01	5	1.24	.03	.20	1	166
90S-16-W09	1	109	44	149	1.9	10	17	2758	7.30	5422	5	2	1	28	1.1	6	2	37	1.05	.073	11	8	.41	181	.01	4	1.23	.02	.13	1	1930
90S-16-W10	1	76	12	75	1.6	7	16	1945	4.53	237	5	2	1	22	.5	2	2	34	2.55	.145	7	4	.29	177	.01	7	1.30	.01	.13	1	90
Q01 88+60E 106+75N	6	13	31	133	.1	17	7	374	6.73	19	5	2	2	7	.6	2	2	74	.17	.031	10	36	.14	50	.02	4	5.59	.01	.01	1	9
Q02 89+50E 106+55N	2	28	18	146	.2	20	7	534	5.92	23	5	2	1	7	.2	2	2	55	.12	.058	11	32	.42	45	.02	2	2.56	.02	.02	1	9
Q03 90+45E 106+10N	1	12	20	190	.3	15	6	1270	4.76	15	5	2	1	12	.8	2	2	81	.70	.046	20	30	.24	66	.04	2	2.22	.01	.02	1	10
Q04 91+25E 105+40N	2	55	21	210	1.4	10	5	4357	3.17	32	5	2	1	27	1.5	35	3	26	1.94	.069	25	18	.19	84	.09	11	2.07	.08	.04	1	5
Q05 91+85E 106+15N	4	46	20	104	.2	20	6	362	6.18	41	5	2	1	16	.5	2	3	106	1.02	.027	8	36	.36	51	.07	2	2.21	.02	.01	1	13
Q06 93+05N 105+70N	2	13	24	177	1.6	11	7	2270	5.43	12	5	2	1	13	.9	2	4	78	.87	.058	20	20	.10	70	.09	2	2.37	.01	.01	1	9
Q07 93+10E 104+80N	1	16	16	170	1.3	24	10	8151	7.44	27	5	2	1	6	3.6	2	2	55	.31	.091	43	26	.06	118	.02	2	2.77	.01	.03	1	8
Q08 92+80E 103+95N	15	27	35	279	.5	19	16	1848	10.40	82	5	2	1	4	.3	4	2	98	.02	.088	8	44	.04	32	.02	2	.99	.01	.02	1	14
Q09 92+30E 103+10N	1	2522	54	189	13.0	28	9	12303	8.93	560	5	2	1	29	3.6	11	2	32	1.93	.098	24	51	.14	129	.01	2	.73	.01	.05	1	2240
Q10 92+05E 102+10N	2	82	19	187	.4	13	5	1485	4.90	93	5	2	1	7	.8	4	2	50	.16	.030	16	25	.18	254	.07	3	1.87	.05	.03	1	37
Q11 91+65E 101+25N	3	17	14	155	.4	9	5	445	4.84	16	5	2	1	10	.7	2	2	77	.21	.028	8	20	.13	49	.04	2	2.05	.01	.01	1	89
Q13 88+70E 105+60N	141	328	58	1819	4.6	180	36	1521	10.95	295	7	2	2	221	28.3	28	3	278	.82	.318	15	20	.03	366	.02	8	.71	.01	.14	1	16
Q14 92+30E 103+60N	1	12	24	118	.1	45	17	3929	7.43	36	5	2	1	11	1.6	2	2	29	.84	.076	35	8	.04	122	.02	3	.98	.01	.06	1	13
Q15 92+30E 103+35N	1	38	21	140	1.0	42	12	2307	6.19	23	5	2	1	11	1.0	3	2	83	.26	.084	17	58	.35	91	.06	3	2.47	.01	.03	1	10
Q16 92+30E 102+85N	2	77	15	100	1.0	101	15	1019	8.70	27	5	2	1	10	.5	2	4	83	.16	.093	7	116	1.36	52	.06	2	2.91	.01	.05	1	13
Q17 92+30E 102+60N	2	67	30	245	1.0	40	12	998	5.17	29	5	2	1	15	.6	2	3	68	.28	.066	9	55	.73	66	.06	3	2.68	.02	.04	1	17
Q20 97+25E 97+55N	2	19	5	45	.1	9	5	117	1.76	7	5	2	1	13	.2	2	3	59	.17	.024	6	15	.14	28	.04	3	.84	.01	.03	1	26
Q21 96+80E 98+50N	3	6	6	33	.2	4	2	129	1.69	2	8	2	2	8	.2	2	3	25	.09	.025	9	10	.08	50	.15	3	.54	.10	.08	2	12
Q24 96+25E 99+25N	3	52	14	81	.8	35	10	1203	5.31	10	5	2	1	9	.4	2	2	68	.14	.366	10	82	.38	61	.05	4	2.14	.01	.03	1	19
Q25 95+70E 100N	4	26	11	85	.8	7	8	754	8.02	3	7	2	2	9	.6	2	2	48	.09	.607	9	15	.10	424	.02	3	2.38	.01	.02	1	4
Q26 99+55E 100+90N	18	26	14	80	.7	21	5	164	4.87	33	5	2	1	10	.2	2	2	86	.15	.075	9	41	.18	56	.07	2	1.18	.01	.02	1	6
Q27 95+05E 101+80N	4	36	22	87	1.6	49	7	500	7.54	50	6	2	2	7	.2	2	2	175	.10	.091	10	91	.26	42	.08	2	2.23	.01	.04	1	25
Q28 95+15E 102+70N	22	43	32	168	.3	64	14	2701	9.34	195	5	2	1	6	.2	2	2	147	.09	.697	7	110	.08	179	.02	3	1.22	.01	.03	1	12
Q29 95+40S 103+75N	6	56	60	384	.8	10	20	2876	8.62	70	5	2	1	4	1.3	2	2	38	.11	.127	24	10	.85	101	.01	2	2.12	.01	.02	1	14

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 %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
Q30 95+75E 104+60N	98	276	54	248	.7	142	28	1077	11.32	291	5	2	1	3	.3	17	2	134	.03	.447	16	18	.05	113	.01	2	.92	.01	.02	1	8
Q31 96+10E 105+50N	5	70	77	607	1.5	52	13	3297	5.19	75	5	2	1	22	4.7	2	3	92	2.52	.186	24	48	.77	276	.03	4	2.46	.01	.05	1	16
Q32 96+45E 106+40N	2	17	13	122	.1	9	3	474	1.78	10	5	2	1	13	.9	2	2	23	.94	.122	19	13	.11	68	.05	4	.94	.03	.03	1	4
Q40 104+40E 102N	2	40	12	52	.2	33	7	437	6.46	2	11	2	4	11	.5	2	2	85	.18	.036	13	62	.56	35	.11	2	3.55	.01	.02	1	10
Q41 104+20E 102+95N	2	11	4	26	.2	21	4	148	2.19	2	8	2	1	6	.2	2	2	61	.08	.019	10	39	.16	50	.02	3	1.26	.01	.04	1	12
Q42 103+40E 103+30N	2	6	10	14	.1	4	1	169	.95	2	5	2	1	7	.2	2	3	45	.08	.021	6	16	.06	13	.11	4	.50	.02	.03	1	15
Q43 103E 104+35N	1	45	12	104	.4	71	11	482	6.93	4	5	2	3	13	.8	2	2	145	.14	.034	10	165	.61	95	.14	4	3.14	.01	.04	1	9
Q44 103E 105+35N	1	5	8	19	.2	5	1	82	1.04	3	5	2	1	6	.2	2	2	29	.04	.012	9	18	.05	13	.05	4	.66	.02	.03	1	93
Q45 103+20E 106+30N	1	9	14	23	.1	11	2	88	1.75	3	5	2	1	7	.2	2	2	84	.04	.017	7	36	.06	25	.13	4	.80	.01	.01	1	11
16 L89E 105+00N	5	30	49	374	.3	17	9	414	5.90	75	5	2	1	8	1.2	6	3	134	.47	.021	13	28	.15	30	.12	2	1.72	.02	.03	1	44
16 L89E 104+75N	2	9	11	57	.1	6	3	210	2.16	9	8	2	2	11	.3	2	2	23	1.11	.019	15	11	.08	23	.21	6	1.09	.10	.06	1	4
16 L89E 104+50N	2	37	24	100	.1	32	7	229	5.50	13	5	2	1	12	.2	3	2	133	.13	.011	9	50	.43	57	.09	2	2.42	.01	.03	1	11
16 L89E 104+25N	2	8	17	96	.2	5	4	1899	1.70	2	5	2	1	26	.6	2	2	26	1.56	.128	16	11	.06	55	.11	4	1.23	.09	.06	1	8
16 L89E 104+00N	2	8	12	57	.3	4	2	214	1.96	2	5	2	1	6	.2	2	2	21	.20	.028	12	10	.09	15	.23	3	.74	.11	.08	1	5
16 L89E 103+75N	2	31	30	109	.1	23	8	513	7.80	13	7	2	4	8	.2	2	2	90	.09	.034	19	54	.26	48	.11	2	4.99	.01	.03	1	8
16 L89E 103+50N	1	7	19	69	.3	5	3	367	1.54	10	5	2	1	10	.5	2	2	31	1.02	.045	8	11	.05	35	.13	4	.64	.04	.07	1	3
16 L89E 103+25N	2	30	23	67	.6	21	6	326	6.45	22	5	2	1	10	.2	2	2	113	.10	.033	8	41	.32	56	.08	2	2.35	.01	.04	1	5
16 L89E 103+00N	2	11	10	40	.2	9	3	69	1.83	16	5	2	1	7	.2	4	2	47	.19	.024	6	13	.04	33	.03	2	1.12	.01	.03	2	4
16 L89E 102+75N	2	17	62	147	.1	9	4	681	6.82	25	5	2	2	13	.7	3	2	80	.68	.040	27	17	.07	31	.09	2	2.60	.01	.02	1	4
16 L89E 102+50N	1	13	81	604	.1	21	9	2663	13.92	3	5	2	2	10	2.5	6	2	110	.47	.081	25	40	.15	47	.04	2	3.19	.01	.03	1	5
16 L89E 102+25N	3	10	56	278	.2	8	8	1062	7.31	16	5	2	3	7	.4	2	2	73	.32	.034	14	15	.12	20	.14	2	2.11	.01	.03	1	6
16 L89E 102+00N	3	26	61	421	.1	24	11	6446	5.78	37	5	2	1	27	3.8	3	2	73	1.40	.093	29	23	.10	149	.08	7	3.12	.02	.03	1	12
16 L89E 101+75N	7	27	69	452	.1	27	9	8225	20.04	79	5	2	2	12	2.4	7	2	112	.28	.159	17	30	.15	93	.13	3	2.63	.01	.03	1	3
16 L89E 101+50N	1	37	65	630	.1	55	9	7664	10.45	104	5	2	1	48	6.1	8	2	102	3.30	.212	30	40	1.18	179	.03	2	3.35	.01	.05	1	6
16 L89E 101+25N	4	32	44	429	.3	28	15	6373	7.85	28	5	2	1	8	3.0	2	2	68	.12	.163	18	49	.15	145	.02	2	3.50	.01	.06	1	8
16 L89E 101+00N	13	16	140	132	.4	27	9	4617	10.71	64	5	2	1	5	.3	6	2	62	.03	.087	6	42	.08	120	.02	2	2.09	.01	.03	1	3
16 L89E 100+75N	11	19	53	206	.6	25	9	3856	6.79	42	5	2	1	9	.4	10	3	84	.10	.091	11	46	.15	64	.02	2	2.27	.03	.05	1	14
16 L89E 100+50N	22	38	160	1137	1.8	40	11	12091	6.64	83	5	2	1	17	9.6	35	2	40	.90	.096	20	55	.06	153	.02	3	1.89	.01	.04	1	26
16 L89E 100+25N	5	15	47	402	1.5	16	4	5874	3.34	9	5	2	1	16	4.1	5	2	32	.90	.055	26	28	.10	158	.14	4	2.57	.08	.06	1	6
16 L89E 100+00N	6	13	28	244	.4	24	6	11907	6.17	19	5	2	1	19	1.1	2	2	40	1.01	.060	43	24	.14	237	.11	5	2.69	.08	.06	1	2
16 L90E 106+00N	2	41	40	137	.1	8	10	407	10.24	43	5	2	1	7	1.0	6	2	88	.16	.031	7	26	.08	71	.02	2	2.02	.01	.02	3	17
16 L90E 105+75N	2	45	58	861	1.0	18	13	1719	6.84	81	5	2	1	16	4.2	8	2	77	1.70	.069	15	25	.22	121	.01	2	2.06	.01	.04	1	42
16 L90E 105+50N	1	46	216	1014	.1	10	16	765	12.33	165	5	2	2	4	2.8	8	2	67	.08	.034	10	33	.05	78	.01	2	3.44	.01	.02	1	50
16 L90E 105+25N	3	46	22	146	.1	14	12	234	11.71	43	5	2	3	6	1.9	2	2	131	.05	.016	6	48	.26	40	.03	2	2.87	.01	.02	1	10
16 L90E 105+00N	2	31	33	423	.8	20	9	6092	3.86	17	5	2	1	20	7.7	13	4	48	2.55	.101	33	18	.32	116	.05	11	2.07	.05	.04	1	7
16 L90E 104+75N	2	8	18	127	.2	9	6	1028	2.80	2	5	2	2	10	.4	2	2	29	1.12	.032	21	11	.27	44	.16	5	1.50	.13	.08	1	1
16 L90E 104+50N	3	28	20	89	.1	18	12	347	9.85	27	5	2	3	9	1.5	3	2	134	.11	.017	13	47	.45	72	.06	2	3.33	.01	.02	2	10
16 L90E 104+25N	2	9	13	62	.1	5	4	162	2.74	2	5	2	1	10	.2	3	6	85	.76	.029	13	17	.07	37	.11	4	1.41	.03	.02	1	6
16 L90E 104+00N	2	3	9	48	.1	7	3	176	1.95	4	5	2	2	4	.2	3	2	24	.19	.021	12	9	.11	11	.17	3	.66	.12	.08	1	4
16 L90E 103+75N	3	24	25	79	.1	19	11	410	7.01	15	5	2	2	10	.6	2	2	113	.14	.044	11	42	.28	46	.13	2	1.74	.01	.02	1	5

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 %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
16 L90E 103+50N	4	51	34	127	.1	59	17	737	9.64	32	5	2	2	10	1.6	2	2	96	.13	.025	10	85	.88	76	.04	3	3.04	.01	.03	1	10
16 L90E 103+25N	2	18	52	422	.2	24	16	3250	7.71	17	5	2	1	21	3.5	2	2	95	1.48	.138	27	38	.11	124	.05	2	3.70	.01	.02	1	12
16 L90E 103+00N	16	31	86	150	.7	58	25	6163	16.17	47	5	2	1	8	6.8	5	2	73	.27	.116	44	38	.15	72	.01	2	4.06	.01	.02	2	37
16 L90E 102+75N	1	8	21	155	.5	37	5	5301	3.96	26	5	2	1	32	4.2	4	2	41	14.55	.074	8	9	7.02	84	.01	2	.44	.01	.01	1	8
16 L90E 102+50N	3	29	39	551	.4	32	17	12932	10.88	78	5	2	1	8	6.0	4	2	145	.81	.104	20	36	.60	106	.03	2	3.64	.01	.01	1	7
16 L90E 102+25N	4	17	28	130	.2	18	9	1488	6.48	25	5	2	1	11	.2	2	3	95	.19	.078	11	40	.24	52	.08	3	2.02	.01	.04	1	9
16 L90E 102+00N	1	21	44	314	.8	46	6	10705	4.23	36	5	2	1	31	6.3	4	2	46	10.26	.282	33	21	4.51	165	.01	5	2.12	.01	.02	1	5
16 L90E 101+75N	2	20	55	340	.6	44	15	7553	6.93	34	5	2	1	17	3.7	2	2	82	1.35	.143	39	44	.60	135	.04	2	2.53	.01	.04	1	9
16 L90E 101+50N	1	4	2	140	.3	19	1	2188	1.16	31	5	2	1	33	1.8	2	2	22	19.14	.060	5	7	8.99	63	.01	3	.22	.01	.01	1	2
16 L90E 101+25N	2	19	32	124	.2	12	12	1206	9.18	35	5	2	1	12	3.4	2	2	94	3.22	.053	14	34	1.85	40	.07	2	2.90	.01	.02	1	11
16 L90E 101+00N	2	13	28	260	.2	17	8	2802	4.93	12	5	2	1	16	2.7	3	3	62	1.54	.135	39	25	.15	95	.04	3	2.39	.01	.03	1	8
16 L90E 100+75N	2	8	23	118	.1	8	7	2956	2.30	3	5	2	1	10	1.7	3	2	30	.74	.058	14	15	.09	79	.10	4	1.00	.05	.04	1	7
16 L90E 100+50N	74	37	39	179	.7	64	17	369	5.62	68	5	2	1	7	.2	8	2	48	.11	.045	2	11	.07	142	.01	6	1.27	.01	.03	1	5
16 L90E 100+25N	3	21	39	173	.1	17	15	1303	5.74	10	5	2	1	14	1.7	2	2	100	1.02	.042	23	27	.89	70	.11	2	2.08	.02	.02	2	6
16 L91E 107+50N	1	29	32	423	.1	73	10	14925	10.07	34	5	2	1	28	5.2	2	2	52	2.72	.174	50	53	.66	512	.03	2	3.92	.01	.03	1	4
16 L91E 107+25N	5	132	20	1297	.7	30	9	3935	6.03	88	5	2	3	8	9.1	93	2	41	.29	.035	21	33	.42	96	.17	5	1.64	.11	.08	1	16
16 L91E 107+00N	2	16	24	330	.1	15	6	5859	4.47	25	5	2	1	15	1.7	4	2	45	2.04	.054	28	23	.43	112	.10	2	1.71	.04	.04	1	2
16 L91E 106+75N	2	13	11	72	.2	5	3	451	1.99	8	5	2	1	11	.2	2	2	24	1.07	.034	20	13	.07	26	.16	3	1.09	.05	.04	2	2
16 L91E 106+50N	1	25	19	302	.2	15	7	7150	3.22	12	5	2	1	24	3.3	2	2	34	2.85	.125	24	17	.52	160	.06	4	1.67	.05	.06	1	2
16 L91E 106+25N	2	3	7	64	.3	4	2	339	1.86	3	5	2	1	5	.2	2	2	23	.23	.021	10	10	.05	11	.25	7	.43	.07	.07	2	2
16 L91E 106+00N	3	43	52	673	.1	31	11	9148	13.09	45	5	2	5	10	3.5	17	2	92	1.65	.062	37	41	.61	139	.12	2	3.45	.03	.03	1	2
16 L91E 105+75N	2	38	59	571	.4	15	6	1782	4.02	37	5	2	1	11	2.3	2	2	31	.45	.082	26	16	.14	40	.08	4	1.53	.07	.07	1	7
16 L91E 105+50N	1	10	17	120	.1	5	4	1083	2.60	9	5	2	1	13	.2	2	2	26	1.11	.043	22	10	.19	44	.19	7	1.61	.12	.08	1	3
16 L91E 105+25N	2	10	11	100	.2	5	3	294	1.64	8	5	2	1	11	.3	2	2	28	1.09	.037	12	12	.07	31	.18	3	.64	.05	.05	2	3
16 L91E 105+00N	2	23	40	289	.1	17	6	7404	5.85	23	5	2	1	24	1.6	2	2	49	1.95	.062	33	19	.44	136	.09	4	1.84	.04	.04	1	2
16 L91E 104+75N	1	15	21	379	.2	16	4	8782	3.97	27	5	2	1	28	2.9	2	2	32	7.03	.125	21	11	2.92	173	.03	7	1.19	.01	.03	1	3
16 L91E 104+50N	4	13	25	122	.3	9	5	734	3.50	11	5	2	1	19	.7	2	2	32	1.17	.052	26	21	.18	33	.12	3	2.02	.10	.07	1	4
16 L91E 104+25N	5	17	36	159	.4	9	4	448	2.90	9	5	2	1	31	.7	2	2	47	1.83	.060	17	34	.07	85	.04	2	1.63	.04	.05	1	1
16 L91E 104+00N	2	9	27	208	.3	10	5	1464	2.80	12	5	2	1	16	1.6	2	2	30	1.89	.079	21	19	.46	34	.06	3	1.27	.04	.05	1	7
16 L91E 103+50N	24	21	67	386	2.1	25	14	1853	8.08	55	5	2	1	29	2.6	13	2	35	1.55	.082	13	28	.11	66	.01	3	1.20	.01	.05	1	6
16 L91E 103+25N	20	16	48	301	1.3	28	14	1049	6.60	39	5	2	1	36	2.9	12	2	33	1.88	.056	14	24	.08	54	.01	6	1.08	.01	.04	1	13
16 L91E 103+00N	15	29	59	397	2.5	33	12	4074	6.65	22	5	2	1	19	6.2	5	2	45	3.00	.100	12	40	.92	106	.01	2	1.42	.01	.02	1	59
16 L91E 102+75N	12	15	36	207	.8	19	9	1235	5.45	11	5	2	1	10	.7	5	2	50	.29	.084	14	28	.12	58	.02	6	1.87	.01	.02	2	35
16 L91E 102+50N	8	19	80	366	1.3	16	9	277	7.39	14	5	2	1	25	1.5	3	2	57	.90	.062	14	34	.08	47	.01	2	2.48	.01	.02	1	30
16 L91E 102+25N	2	61	15	108	.3	39	18	2432	5.20	18	5	2	2	8	2.7	2	2	55	.16	.062	12	58	.42	65	.03	6	5.80	.01	.01	1	13
16 L91E 102+00N	6	23	29	99	1.1	12	8	353	6.78	28	5	2	1	5	.3	7	2	95	.09	.039	5	32	.12	38	.01	2	1.56	.01	.01	1	9
16 L91E 101+75N	15	17	98	432	.7	23	10	5494	9.01	27	5	2	1	4	2.0	18	2	127	.09	.073	7	32	.07	77	.02	2	1.27	.01	.01	1	9
16 L91E 101+50N	15	33	44	184	1.1	50	14	2316	6.47	52	5	2	1	6	2.1	11	2	58	.42	.053	7	13	.07	75	.01	7	.56	.01	.03	1	15
16 L91E 101+25N	3	35	120	304	3.1	31	13	4382	6.47	14	5	2	1	24	3.6	7	2	64	1.74	.157	22	25	.32	119	.02	3	1.46	.01	.03	1	11
16 L91E 101+00N	2	32	19	134	1.7	27	12	805	6.80	18	5	2	1	20	1.0	2	4	95	1.23	.087	12	61	.62	100	.06	3	2.91	.01	.03	1	9

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 %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
16 L91E 100+75N	3	86	36	140	.9	19	10	371	7.38	38	5	2	2	10	1.7	83	4	97	.16	.031	7	44	.22	76	.03	4	2.62	.01	.02	1	14
16 L91E 100+50N	3	20	5	51	.1	5	6	318	3.52	2	5	2	2	4	.2	3	2	33	.09	.040	12	11	.18	87	.09	3	1.33	.13	.08	2	8
16 L91E 100+25N	2	36	20	97	.1	34	14	680	5.75	23	5	2	1	17	1.3	2	4	61	.30	.032	10	54	.65	52	.07	4	3.35	.01	.02	4	15
16 L91E 99+75N	1	48	8	168	.7	69	21	8883	13.82	40	5	2	1	27	4.9	2	2	58	1.48	.091	24	45	.54	246	.02	2	2.56	.01	.02	2	20
16 L91E 99+50N	1	14	5	119	.6	25	10	4297	8.94	76	5	2	1	26	6.1	2	2	17	10.14	.072	8	6	5.01	50	.01	2	.63	.01	.02	1	17
16 L91E 99+25N	1	16	6	170	.8	26	10	8147	10.90	148	5	2	1	38	8.9	2	2	26	9.15	.115	17	10	4.30	57	.01	2	.61	.01	.02	1	81
16 L92E 106+50N	3	9	7	45	.1	4	5	673	4.45	14	5	2	1	10	1.0	2	2	95	.81	.021	10	21	.50	29	.09	2	1.60	.02	.02	1	14
16 L92E 106+25N	2	5	3	70	.1	4	5	771	3.04	4	5	2	2	5	.2	2	2	40	.19	.021	14	12	.06	25	.12	2	1.29	.05	.04	1	6
16 L92E 106+00N	3	6	23	60	.1	7	6	474	2.94	9	5	2	1	8	1.5	2	4	74	.13	.021	7	15	.05	14	.22	2	.80	.03	.02	1	4
16 L92E 105+75N	3	18	10	55	.1	10	8	211	7.40	16	5	2	1	8	.4	2	2	131	.08	.015	6	36	.19	24	.10	2	2.04	.01	.02	1	7
16 L92E 105+50N	3	12	35	112	.1	9	11	394	7.19	27	5	2	4	5	1.4	2	2	74	.19	.040	9	33	.10	22	.03	2	3.48	.01	.02	2	4
16 L92E 105+25N	1	5	6	84	.2	3	4	275	3.24	3	5	2	1	4	.2	2	2	38	.15	.057	27	12	.04	15	.03	2	1.56	.01	.02	1	4
16 L92E 105+00N	2	60	141	452	.4	26	19	1177	14.47	162	5	2	3	6	2.0	10	2	79	.07	.030	7	75	.34	59	.02	4	3.09	.01	.02	2	27
16 L92E 104+75N	3	37	28	121	.4	35	13	492	8.36	30	5	2	2	11	1.2	2	3	116	.15	.028	10	65	.52	44	.08	2	2.48	.01	.02	1	14
16 L92E 104+50N	3	32	27	87	.1	26	12	315	7.66	14	5	2	2	10	1.0	2	2	112	.10	.026	9	56	.36	47	.10	2	2.57	.01	.02	1	9
16 L92E 104+25N	3	38	16	86	.2	40	14	247	9.72	24	5	2	1	13	1.9	2	2	152	.13	.059	6	111	.49	62	.09	2	2.23	.01	.03	1	12
16 L92E 104+00N	4	22	18	66	.1	17	10	238	4.26	19	5	2	1	12	.5	2	3	160	.22	.019	7	34	.13	66	.10	3	1.57	.01	.03	1	8
16 L92E 103+75N	3	7	14	132	.1	7	7	1077	7.45	7	5	2	1	8	.8	2	2	45	.35	.048	10	14	.07	23	.06	2	.89	.02	.02	1	7
16 L92E 103+50N	1	10	13	84	.1	8	5	2115	3.11	7	5	2	1	20	.9	2	2	15	2.72	.095	19	7	.14	56	.06	8	1.27	.05	.03	1	8
16 L92E 103+25N	1	13	23	205	.2	11	7	4848	5.98	10	5	2	1	27	3.3	2	2	19	3.45	.112	29	8	.10	112	.04	7	1.39	.02	.02	2	1
16 L92E 103+00N	3	14	23	120	.5	8	12	817	5.52	27	5	2	1	7	.5	3	2	63	.17	.034	4	12	.07	18	.02	2	.97	.02	.02	1	4
16 L92E 102+75N	3	12	5	61	.8	2	8	439	4.43	24	5	2	1	4	.2	2	2	59	.06	.082	7	8	.16	32	.04	4	1.00	.03	.03	2	6
16 L92E 102+50N	3	18	27	445	.4	26	14	5096	7.12	59	5	2	1	18	2.4	2	2	59	1.19	.113	18	69	.15	148	.01	2	2.64	.02	.03	2	18
16 L92E 102+25N	2	29	121	567	.1	7	7	873	5.09	147	5	2	1	6	.5	2	2	38	.10	.047	7	21	.07	48	.02	2	1.39	.02	.02	1	38
16 L92E 102+00N	4	145	26	3164	2.5	23	18	7189	14.17	121	5	2	1	7	21.0	58	2	77	.06	.094	15	34	.13	684	.03	2	2.60	.01	.01	4	39
16 L92E 101+75N	3	14	5	89	.9	4	5	685	2.74	10	5	2	1	5	.9	2	2	40	.07	.055	8	15	.12	49	.07	2	.76	.06	.05	2	5
16 L92E 101+50N	3	10	9	47	.4	2	4	692	2.67	15	5	2	1	5	.5	2	5	36	.04	.067	5	11	.04	21	.08	4	.41	.02	.02	1	9
16 L92E 101+25N	11	86	38	297	3.2	28	18	4402	13.85	38	9	2	1	1	5.1	14	2	148	.02	.033	6	81	.05	71	.01	2	.52	.01	.01	1	23
16 L92E 101+00N	2	23	19	837	.6	35	14	4792	7.34	66	5	2	1	12	10.0	2	2	42	.61	.060	36	41	.25	1335	.01	2	3.00	.01	.03	1	18
16 L92E 100+75N	1	118	14	12121	3.9	28	12	6663	7.10	107	5	2	1	17	141.7	40	2	39	6.27	.098	10	16	3.30	247	.01	2	.81	.01	.01	5	22
16 L92E 100+62N	3	428	13	7969	7.2	19	6	2979	9.05	144	5	2	1	6	128.2	82	5	50	.24	.103	15	23	.14	129	.04	2	1.07	.02	.03	2	27
16 L92E 100+50N	3	206	8	5455	6.6	20	15	6457	16.23	95	5	2	1	11	59.0	76	2	46	.86	.173	17	17	.22	145	.02	2	1.46	.02	.03	4	6
16 L92E 100+25N	3	38	11	87	.2	24	9	255	5.69	22	5	2	1	19	.8	2	2	98	.24	.052	7	44	.51	45	.06	2	2.34	.01	.03	1	12
16 L92E 99+75N	3	87	7	114	.1	12	20	333	6.12	22	5	2	1	2	.2	2	2	64	.07	.071	2	5	.07	32	.01	2	1.02	.01	.04	1	3
16 L92E 99+50N	4	161	21	244	1.3	21	13	9426	6.43	119	5	2	1	9	2.9	35	2	33	.55	.123	23	26	.05	98	.02	7	1.79	.01	.02	1	56
16 L92E 99+25N	3	26	30	76	.2	32	20	2786	9.20	41	5	2	1	9	1.2	2	2	62	.18	.150	7	49	.17	55	.02	5	1.59	.01	.03	1	28
16 L92E 99+00N	3	26	11	58	.5	14	7	391	4.58	8	5	2	1	10	.2	2	3	62	.14	.094	10	43	.25	47	.08	4	1.81	.05	.04	1	8
16 L92E 98+75N	4	76	15	62	.9	12	13	894	7.81	54	5	2	1	8	.2	5	2	66	.17	.212	5	22	.32	80	.01	3	2.82	.01	.06	1	58
16 L92E 98+50N	2	48	10	77	.6	23	11	678	7.49	28	5	2	1	9	.2	2	2	85	.13	.208	8	58	.38	59	.04	5	2.77	.01	.03	1	13
16 L93E 106+50N	3	13	30	213	.1	14	10	1728	5.13	8	5	2	3	13	1.1	2	2	83	1.44	.028	27	21	.07	54	.19	2	2.82	.02	.03	2	6

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 %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
16 L93E 106+25N	6	12	92	336	.4	10	7	1652	4.19	32	5	2	1	11	.5	3	4	117	.29	.016	8	26	.06	66	.19	2	1.26	.01	.02	1	14
16 L93E 106+00N	2	13	31	462	.1	15	7	11355	3.44	18	5	2	1	21	4.1	2	2	38	3.02	.131	32	14	.07	254	.04	4	1.87	.01	.03	1	4
16 L93E 105+75N	3	19	108	497	.4	19	8	6962	5.37	61	5	2	1	17	3.1	2	2	44	1.69	.103	27	19	.12	162	.05	2	2.22	.03	.03	2	13
16 L93E 105+50N	2	8	16	116	.1	7	6	3788	2.71	10	5	2	1	12	1.1	2	2	34	1.25	.050	20	11	.09	99	.11	4	1.32	.07	.05	1	4
16 L93E 105+25N	3	6	8	74	.1	7	5	1153	3.49	9	5	2	2	7	.2	2	2	42	.28	.031	13	14	.13	33	.14	4	1.06	.09	.05	1	5
16 L93E 105+00N	3	17	31	132	.1	21	13	3195	7.92	18	5	2	1	6	.2	2	2	50	.35	.047	22	16	.05	66	.02	2	2.42	.01	.02	1	1
16 L93E 104+75N	3	9	9	96	.7	10	6	2472	4.10	9	5	2	1	5	.2	2	4	38	.17	.040	7	15	.05	34	.07	3	1.18	.03	.03	1	1
16 L93E 104+50N	4	11	9	48	.2	13	6	346	3.69	11	5	2	1	8	.2	2	2	90	.10	.025	6	19	.09	14	.09	2	1.10	.02	.02	1	3
16 L93E 104+25N	4	28	14	73	.7	17	7	288	6.99	24	5	2	1	11	.2	2	2	98	.22	.055	7	44	.26	37	.05	2	2.13	.01	.02	1	10
16 L93E 104+00N	4	45	4	109	.3	11	14	952	9.69	19	5	2	1	7	.2	5	2	112	.10	.121	11	25	.18	37	.03	2	2.02	.01	.03	1	8
16 L93E 103+75N	6	23	16	222	.7	37	23	1578	6.76	53	5	2	1	8	.2	6	2	76	.10	.090	4	16	.07	32	.03	3	.88	.05	.07	1	9
16 L93E 103+50N	3	18	41	258	.3	33	12	6270	7.73	47	5	2	1	16	2.3	4	2	55	3.33	.097	25	24	.61	114	.02	2	1.96	.01	.02	1	10
16 L93E 103+25N	3	13	19	390	.2	15	13	4380	6.45	117	5	2	1	6	.3	2	2	45	.44	.106	36	49	.12	68	.01	3	1.84	.01	.03	1	22
16 L93E 103+00N	2	16	15	62	.2	13	7	611	4.55	7	5	2	1	10	.4	3	2	72	.16	.065	9	24	.19	45	.05	3	1.62	.03	.03	1	8
16 L93E 102+75N	1	10	2	25	.5	2	3	100	1.48	7	5	2	1	9	.7	2	2	26	.07	.056	5	7	.07	26	.01	2	1.20	.02	.03	1	1
16 L93E 102+50N	2	25	15	353	.4	21	10	1776	5.78	35	5	2	1	16	1.6	5	2	63	.69	.070	15	59	.30	104	.03	2	2.73	.02	.03	1	17
16 L93E 102+25N	4	33	27	204	.1	26	14	824	10.52	35	5	2	1	11	1.0	2	2	98	.15	.035	8	60	.49	347	.04	2	2.95	.01	.02	1	10
16 L93E 102+00N	2	22	21	871	.5	25	12	5788	7.20	30	5	2	1	13	11.3	6	2	57	2.37	.108	38	25	1.20	269	.03	2	3.93	.01	.02	1	4
16 L93E 101+75N	5	11	35	149	.1	8	13	1450	6.53	46	5	2	1	7	.2	3	2	110	.14	.030	5	24	.07	47	.06	3	1.33	.01	.01	1	7
16 L93E 101+50N	1	24	33	746	.6	12	7	6280	3.43	16	5	2	1	18	10.3	2	2	42	2.06	.088	19	15	.14	397	.03	2	1.56	.02	.03	1	1
16 L93E 101+25N	3	6	7	64	.4	3	3	418	2.46	5	5	2	2	5	1.0	2	2	29	.16	.018	11	12	.11	39	.14	5	.75	.11	.07	1	4
16 L93E 101+00N	3	46	22	131	1.0	57	13	411	6.51	23	5	2	1	12	2.2	2	2	92	.22	.065	5	74	.92	62	.03	4	2.36	.01	.04	1	1
16 L93E 100+75N	4	18	32	365	.7	26	14	4190	7.21	26	7	2	1	5	1.8	4	2	101	.18	.512	10	30	1.76	97	.03	2	3.63	.01	.06	1	1
16 L93E 100+50N	3	12	11	43	.6	23	3	231	1.59	4	6	2	1	13	.6	2	2	42	.15	.062	7	29	.22	37	.08	3	1.26	.04	.04	1	12
16 L93E 100+25N	3	41	2	32	.7	7	5	183	2.26	5	5	2	1	26	.7	2	2	37	.30	.100	8	11	.27	40	.04	7	2.19	.01	.03	1	11
16 L93E 99+75N	4	27	28	64	.3	14	10	339	6.94	26	5	2	1	13	.2	3	2	120	.11	.146	6	36	.32	90	.07	3	2.11	.01	.04	1	15
16 L93E 99+50N	3	34	2	39	.6	6	6	415	4.78	11	5	2	1	22	.6	2	2	73	.20	.171	10	16	.20	50	.02	3	2.76	.02	.05	1	7
16 L93E 99+25N	3	19	2	33	1.0	4	5	723	3.02	8	5	2	1	6	.2	2	2	37	.07	.110	8	14	.14	56	.04	2	1.44	.05	.06	1	5
16 L93E 99+00N	3	50	3	88	1.7	63	12	333	5.77	20	6	2	1	12	.2	4	2	82	.20	.099	7	97	.81	76	.05	8	2.70	.02	.05	1	12
16 L93E 98+75N	3	71	4	114	2.3	64	10	313	6.46	11	5	2	1	12	.8	2	2	67	.20	.135	13	135	.76	77	.04	4	3.68	.01	.04	1	1
16 L93E 98+50N	3	25	16	50	1.5	7	6	377	7.27	32	5	2	1	6	.2	2	2	73	.06	.209	8	23	.15	33	.05	2	2.71	.02	.03	1	8
16 L94E 105+50N	2	8	2	27	.4	5	2	95	1.23	2	5	2	1	9	.2	2	2	20	.11	.065	8	11	.06	24	.02	4	.99	.04	.03	1	89
16 L94E 105+25N	3	11	12	46	.3	7	9	2871	3.94	11	5	2	1	9	.3	3	2	46	.10	.099	9	18	.19	43	.06	4	1.18	.05	.05	1	4
16 L94E 105+00N	4	64	25	222	.6	37	16	1612	8.59	24	5	2	1	7	.5	2	2	61	.13	.115	9	58	.65	47	.05	2	2.39	.02	.03	1	10
16 L94E 104+75N	2	32	11	203	1.2	71	24	3742	9.48	18	5	2	2	4	4.0	3	2	82	.26	.068	20	192	.22	55	.04	3	7.53	.01	.01	1	5
16 L94E 104+50N	5	60	30	246	.5	112	27	6259	8.28	39	5	2	1	10	2.5	4	2	81	.40	.046	29	106	.54	178	.04	3	4.03	.01	.03	2	31
16 L94E 104+25N	3	21	20	392	.4	33	14	1645	7.75	24	5	2	1	15	2.4	3	2	75	1.52	.068	13	100	.59	96	.05	3	4.01	.01	.02	1	8
16 L94E 104+00N	5	43	34	323	1.1	83	20	8367	10.47	57	5	2	1	18	5.8	4	2	70	1.87	.089	23	137	.99	177	.02	3	2.33	.01	.03	1	9
16 L94E 103+75N	4	29	94	185	.4	11	10	2289	7.26	102	5	2	1	5	.2	4	2	66	.12	.078	6	18	.11	44	.03	2	.90	.01	.03	1	44
16 L94E 103+50N	3	45	43	128	.7	15	14	906	9.92	119	5	2	1	6	.8	4	2	105	.08	.049	7	48	.23	117	.02	5	2.96	.01	.02	1	27

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 %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
16 L94E 103+25N	6	28	20	130	1.0	22	10	515	6.57	35	5	2	1	9	.9	2	2	83	.14	.076	8	44	.39	50	.08	2	1.94	.03	.04	1	7
16 L94E 103+00N	3	56	11	81	1.0	5	11	2151	5.15	38	5	2	1	22	.2	2	2	49	.30	.188	4	8	.48	75	.01	3	1.72	.01	.08	1	39
16 L94E 102+75N	4	16	14	51	.6	7	4	180	2.61	9	5	2	1	15	.8	2	2	60	.10	.040	9	19	.15	32	.15	4	1.39	.02	.03	1	10
16 L94E 102+50N	3	16	18	186	.4	17	9	12699	5.35	11	5	2	1	16	3.8	2	2	81	1.20	.088	29	18	.15	340	.06	2	2.70	.03	.04	1	1
16 L94E 102+25N	1	251	11	308	1.9	13	9	10394	6.49	74	5	2	1	24	2.6	16	2	21	2.05	.255	43	12	.17	340	.02	2	1.74	.03	.05	1	22
16 L94E 102+00N	1	18	2	798	1.0	18	13	1420	6.90	19	5	2	1	13	9.4	2	2	39	1.39	.099	28	20	.11	274	.02	4	2.51	.01	.05	1	5
16 L94E 101+75N	1	30	3	1462	4.3	34	11	7115	7.32	48	5	2	1	25	19.9	2	2	64	1.98	.154	65	24	.26	1932	.02	2	2.75	.01	.03	1	7
16 L94E 101+50N	11	46	7	110	2.4	14	8	429	6.23	60	5	2	1	7	1.8	2	2	96	.17	.169	12	20	.10	149	.03	3	.87	.01	.04	1	4
16 L94E 101+25N	4	39	19	99	.5	26	12	1119	9.96	24	9	2	3	6	3.2	2	2	105	.10	.109	12	59	.31	63	.05	3	3.07	.01	.03	1	10
16 L94E 101+00N	11	40	22	270	.8	29	16	3725	8.13	93	5	2	2	7	1.3	2	2	54	.11	.138	16	37	.22	131	.02	2	2.37	.01	.03	1	9
16 L94E 100+75N	2	7	5	32	.4	8	1	137	1.32	2	5	2	1	11	.2	2	2	33	.12	.062	7	14	.07	28	.06	2	.76	.02	.03	1	10
16 L94E 100+50N	2	28	3	68	.2	23	4	179	2.25	5	5	2	1	12	.2	2	2	48	.17	.063	6	31	.47	37	.05	3	1.37	.02	.03	1	12
16 L94E 100+25N	3	42	8	69	.1	31	8	214	6.42	24	5	2	2	10	1.5	2	2	105	.16	.047	11	75	.46	36	.08	2	2.28	.01	.02	1	9
16 L94E 99+75N	3	39	2	62	1.4	29	5	495	2.94	8	5	2	1	11	.6	2	3	48	.59	.101	12	75	.47	61	.03	8	1.84	.01	.03	1	5
16 L94E 99+50N	4	61	8	86	.7	65	10	265	6.91	33	5	2	1	8	.4	3	2	101	.26	.116	8	120	.74	50	.07	2	2.66	.01	.03	1	14
16 L94E 99+25N	4	16	11	61	.5	20	4	254	2.11	5	5	2	1	10	.2	2	2	41	.16	.049	9	38	.24	62	.05	4	1.11	.02	.04	1	18
16 L94E 99+00N	4	64	18	60	.8	124	13	186	8.42	14	5	2	3	6	2.0	2	3	210	.23	.096	11	333	1.44	38	.25	4	2.87	.01	.07	2	5
16 L94E 98+75N	3	102	7	187	.9	168	19	666	6.45	19	8	2	2	8	.5	3	4	85	.19	.071	8	152	1.84	77	.06	3	2.79	.01	.06	1	23
16 L94E 98+50N	3	49	14	161	.8	75	11	513	6.14	26	6	2	1	9	1.6	2	2	78	.12	.064	9	83	.83	60	.02	2	2.34	.01	.04	1	12
16 L94E 98+25N	3	29	11	79	.4	35	7	178	6.10	14	5	2	2	7	.7	2	2	133	.08	.039	19	53	.41	44	.05	2	2.31	.01	.02	1	10
16 L94E 98+00N	2	100	4	380	.6	145	18	1731	4.56	59	5	2	1	50	2.6	3	2	108	1.45	.102	10	99	1.42	167	.02	5	2.15	.01	.06	1	14
16 L94E 97+75N	3	27	2	101	.6	26	7	578	3.45	18	5	2	1	12	.2	2	2	85	.17	.086	7	58	.22	80	.05	4	1.28	.01	.04	1	14
16 L94E 97+50N	2	155	23	192	1.0	113	8	1781	3.47	12	5	2	1	26	3.4	2	4	46	1.66	.178	38	176	.43	170	.04	6	1.95	.03	.05	1	10
16 L94E 97+25N	4	55	2	47	1.2	7	4	151	1.88	3	5	2	1	7	.2	2	2	35	.18	.148	9	16	.10	114	.01	7	.78	.01	.05	1	20
16 L94E 97+00N	3	12	2	35	1.0	6	3	100	2.24	2	5	2	1	7	.2	2	2	70	.08	.042	9	14	.10	47	.02	5	1.35	.01	.03	1	13
16 L95E 99+75N	6	39	13	127	1.3	80	11	401	8.17	49	5	2	2	8	.2	2	2	101	.12	.093	9	299	.68	60	.06	4	2.23	.01	.03	2	65
16 L95E 99+50N	3	18	11	58	.4	119	16	1950	3.00	13	5	2	1	19	.2	2	2	60	.28	.080	7	179	.73	76	.05	2	1.07	.03	.04	1	1
16 L95E 99+25N	2	23	6	61	.5	316	38	3342	3.82	4	5	2	1	14	.2	2	3	82	.40	.115	3	350	4.02	90	.07	5	1.80	.03	.05	1	4
16 L95E 99+00N	4	30	6	125	.2	443	85	2536	7.12	9	5	2	1	34	.5	2	5	139	1.26	.142	4	354	4.50	73	.05	7	2.34	.02	.02	1	22
16 L95E 98+50N	2	66	5	125	.1	755	54	685	5.53	6	5	2	1	34	.2	2	2	86	.67	.067	4	259	8.63	54	.06	4	3.90	.02	.04	1	4
16 L95E 98+25N	2	11	6	52	1.7	19	2	170	1.94	2	5	2	1	7	.2	2	2	22	.19	.036	16	15	.24	68	.12	4	1.22	.15	.10	2	2
16 L95E 98+00N	3	45	5	47	.4	15	7	285	2.92	4	5	2	1	7	.2	2	2	63	.12	.063	10	16	.63	66	.01	6	1.70	.04	.12	1	17
16 L95E 97+75N	6	37	15	76	.6	11	6	290	7.62	28	5	2	2	9	.2	2	2	128	.10	.050	18	28	.39	64	.08	2	2.13	.01	.05	1	13
16 L95E 97+50N	9	77	19	505	2.7	21	11	2296	5.88	26	6	2	1	18	.2	2	2	81	.46	.154	24	57	.33	106	.06	3	3.32	.01	.04	1	14
16 L95E 97+25N	6	75	17	670	2.0	32	10	3059	4.97	16	5	2	1	31	2.1	2	2	60	1.13	.164	19	51	.43	247	.04	3	3.01	.02	.04	1	15
16 L95E 97+00N	4	53	18	287	.9	32	12	716	7.28	31	5	2	1	11	.2	2	2	91	.26	.081	8	72	.82	55	.07	3	2.19	.03	.04	1	18
16 L95E 96+75N	3	146	17	1254	.7	60	12	5773	5.53	31	5	2	1	22	6.3	2	2	65	1.40	.194	24	80	.54	385	.04	3	2.25	.02	.05	1	3
16 L95E 96+50N	2	35	27	660	.4	31	7	5867	3.43	70	5	2	1	32	3.7	2	2	29	4.05	.137	21	26	.23	144	.03	4	1.82	.02	.04	1	36
16 L95E 96+25N	3	34	14	223	.1	27	9	585	6.80	27	5	2	2	13	.2	2	2	114	.43	.028	11	55	.41	38	.05	2	2.65	.01	.02	1	37
16 L95E 96+00N	5	25	37	404	.3	15	12	928	7.27	19	5	2	2	10	.5	2	2	121	.42	.040	10	37	.20	62	.07	4	3.20	.01	.03	1	25

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 %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
16 L95E 95+75N	3	10	13	145	.2	14	12	1321	7.56	9	5	2	2	4	.9	2	2	46	.23	.051	13	13	.33	172	.02	3	2.85	.01	.02	1	3
16 L95E 95+50N	4	17	21	173	.1	12	8	369	6.16	20	5	2	3	8	.2	2	2	121	.19	.024	16	39	.29	52	.11	2	3.34	.01	.02	1	13
16 L95E 95+25N	2	9	13	201	.2	10	4	1138	2.87	8	5	2	1	15	.5	2	2	32	1.21	.098	20	16	.18	82	.11	3	1.80	.10	.07	1	4
16 L95E 95+00N	4	17	15	121	.2	12	6	285	7.28	16	5	2	2	9	.3	2	3	86	.16	.063	13	40	.18	83	.06	2	2.34	.01	.02	1	11
16 L95E 104+25N	22	456	49	877	.7	67	60	2666	14.79	84	5	2	1	19	13.7	2	2	76	.70	.103	48	10	1.56	515	.04	33	2.04	.01	.07	1	280
16 L95E 104+00N	19	138	37	205	.9	34	24	2095	7.79	65	5	2	1	20	1.4	3	2	173	.87	.170	13	16	.60	668	.02	5	2.14	.01	.05	1	141
16 L95E 103+75N	25	67	19	125	.7	31	10	866	7.01	76	5	2	1	7	.2	4	2	121	.30	.114	9	57	.21	233	.01	2	1.86	.01	.04	1	38
16 L95E 103+50N	4	57	26	373	.5	37	11	3139	5.00	42	5	2	1	28	4.2	2	2	83	4.01	.183	33	25	.21	283	.03	3	1.52	.01	.06	1	15
16 L95E 103+25N	12	58	12	121	.9	65	8	616	2.82	27	5	2	1	18	.2	2	2	98	.56	.211	4	170	.63	528	.03	5	.90	.01	.04	1	4
16 L95E 103+00N	15	23	14	42	1.9	14	5	115	2.48	12	5	2	1	8	.2	2	2	77	.19	.139	14	21	.05	210	.07	2	.87	.02	.04	1	34
16 L95E 102+75N	3	13	11	25	2.5	5	2	79	1.69	14	7	2	1	10	.2	2	2	25	.15	.142	7	10	.06	50	.03	2	1.13	.03	.05	1	13
16 L95E 102+50N	2	15	16	23	.8	3	1	34	.75	2	5	2	1	14	.2	2	2	19	.11	.065	7	9	.04	29	.02	3	1.28	.01	.03	2	30
16 L95E 102+25N	3	32	12	39	2.1	5	4	199	4.24	10	5	2	1	7	.2	2	2	64	.15	.168	12	15	.17	32	.04	4	2.15	.01	.05	1	6
16 L95E 102+00N	4	24	18	66	.5	6	4	245	4.24	64	6	2	1	7	.2	3	2	88	.08	.095	7	13	.17	30	.04	4	1.65	.02	.05	1	3
16 L95E 101+75N	2	28	28	60	2.6	6	7	626	6.99	243	5	2	2	5	.2	5	3	68	.07	.211	6	16	.14	58	.02	2	2.29	.01	.07	1	22
16 L95E 101+50N	8	83	21	67	.8	13	11	349	8.46	68	5	2	1	6	.2	3	2	81	.15	.276	9	79	.08	73	.02	4	1.87	.01	.04	1	28
16 L95E 101+25N	5	50	11	215	.9	18	7	2212	3.25	11	5	2	1	32	3.4	2	2	35	1.67	.143	21	28	.21	274	.05	7	2.01	.06	.06	1	12
16 L95E 101+00N	2	79	18	121	.5	22	14	824	8.91	57	5	2	2	4	.2	2	2	89	.12	.149	3	13	.09	52	.01	2	.88	.01	.07	1	13
16 L95E 100+75N	5	43	34	100	1.7	32	10	859	6.87	47	5	2	1	6	.2	2	2	70	.09	.142	6	40	.38	54	.03	2	1.49	.01	.05	1	12
16 L95E 100+50N	17	63	16	271	.5	205	26	2128	6.82	172	5	2	1	11	.2	3	2	108	.19	.197	5	176	.13	113	.01	2	1.15	.01	.06	1	11
16 L95E 100+25N	7	40	51	90	1.5	11	5	528	7.18	42	6	2	1	5	.2	2	2	65	.04	.144	13	35	.23	65	.05	2	1.43	.02	.05	1	9
16 L96E 104+00N	82	238	37	233	3.1	72	31	2102	20.91	205	11	2	2	21	5.0	2	2	226	.93	.084	14	7	.12	205	.01	2	.38	.01	.05	1	81
16 L96E 103+75N	30	80	26	158	.9	22	12	1823	4.41	41	5	2	1	35	.2	2	2	64	1.09	.229	6	8	.28	620	.01	13	.54	.01	.04	1	50
16 L96E 103+50N	7	31	6	59	.2	11	3	136	1.55	8	5	2	1	15	.2	2	2	30	.57	.076	4	7	.05	585	.05	4	.49	.01	.02	1	26
16 L96E 103+25N	22	47	6	30	2.0	14	4	176	2.05	18	5	2	1	7	.2	2	2	44	.36	.141	7	7	.05	158	.02	5	.44	.01	.03	1	11
16 L96E 103+00N	3	36	8	53	5.5	13	2	157	.66	2	5	2	1	9	.2	2	2	12	.28	.098	3	12	.06	46	.03	7	.30	.01	.03	1	5
16 L96E 102+75N	3	69	11	164	.2	29	23	3865	5.04	19	5	2	1	19	1.0	2	2	55	.84	.394	8	25	.71	229	.01	2	3.68	.01	.11	1	12
16 L96E 102+50N	5	80	17	73	.9	21	9	623	6.18	46	5	2	1	14	.4	2	2	62	.16	.175	6	26	.32	62	.01	2	2.71	.01	.04	1	44
16 L96E 102+25N	27	158	24	344	1.2	73	25	2741	7.96	94	5	2	1	21	2.8	2	2	96	.64	.170	20	62	.57	383	.01	2	1.46	.01	.05	1	10
16 L96E 102+00N	3	22	18	56	.3	6	5	556	2.45	11	5	2	1	14	.2	2	2	43	.39	.138	5	10	.17	86	.01	4	1.25	.02	.06	1	6
16 L96E 101+75N	2	63	14	87	.1	8	11	1660	5.56	7	5	2	1	27	.5	2	2	79	.36	.243	4	14	.49	135	.01	4	1.98	.01	.07	1	26
16 L96E 101+50N	5	41	8	263	.7	24	10	769	5.31	40	5	2	1	7	.3	2	2	48	.09	.196	6	47	.34	60	.01	4	1.99	.01	.05	1	14
16 L96E 101+25N	30	40	13	99	.9	22	19	947	11.36	181	5	2	1	8	.4	3	2	34	.37	.210	6	7	.06	89	.01	2	.53	.01	.04	2	35
16 L96E 101+00N	69	216	46	229	1.7	64	23	1499	8.49	116	7	2	1	26	1.8	2	2	134	.70	.241	22	33	.86	154	.01	2	1.33	.01	.03	1	14
16 L96E 100+75N	21	237	25	602	.9	35	28	1004	12.33	91	5	2	1	5	2.9	2	2	40	.09	.109	14	8	.48	132	.01	3	1.29	.01	.02	1	21
16 L96E 100+50N	81	119	19	502	1.3	68	20	1894	8.75	154	5	2	2	18	3.6	3	2	156	.19	.322	30	18	1.01	578	.01	2	2.07	.01	.04	1	6
16 L96E 100+25N	103	232	50	961	8.5	316	42	3656	7.16	155	14	2	2	147	12.5	9	2	310	.85	.308	17	20	.31	1573	.01	2	.94	.01	.07	1	14
16 L96E 99+75N	3	715	19	78	1.0	20	57	2664	4.59	35	5	2	1	14	.2	2	3	22	.59	.089	25	12	.61	339	.01	2	1.41	.01	.09	4	123
16 L96E 99+50N	3	75	10	48	1.0	16	14	465	5.37	15	5	2	1	6	.2	3	2	93	.16	.057	6	60	.23	41	.07	2	1.65	.01	.02	3	44
16 L96E 99+25N	1	6	2	21	.3	1	2	76	.93	2	5	2	1	3	.2	2	2	18	.04	.038	6	11	.03	11	.05	3	.33	.04	.04	1	35

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 %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
16 L96E 99+00N	4	40	32	46	1.7	5	3	58	4.18	14	5	2	2	6	.2	2	2	94	.05	.043	12	34	.04	39	.08	5	1.69	.01	.02	1	13
16 L96E 98+75N	1	13	10	32	3.0	5	2	74	.76	2	5	2	1	8	.2	2	2	10	.09	.049	11	7	.02	46	.05	6	.62	.04	.03	1	4
16 L96E 98+50N	4	26	6	104	2.2	16	8	431	5.48	16	5	2	2	8	.2	2	2	86	.07	.081	9	30	.28	51	.04	2	1.68	.01	.03	1	63
16 L96E 98+25N	2	38	8	102	.6	22	7	190	5.39	14	5	2	1	10	.2	2	6	97	.16	.045	6	49	.38	41	.07	2	2.14	.01	.02	1	38
16 L96E 98+00N	4	36	14	78	1.9	14	6	167	3.74	10	5	2	1	10	.2	2	3	75	.15	.042	8	36	.27	42	.08	2	1.44	.01	.02	1	33
16 L96E 97+75N	5	45	7	70	.7	98	14	745	5.58	3	5	2	2	7	.6	2	2	123	.10	.059	13	126	.53	81	.06	2	1.58	.02	.02	1	11
16 L96E 97+50N	5	58	2	162	.9	28	9	423	5.46	17	5	2	1	9	.2	2	2	60	.12	.226	8	44	.33	47	.02	2	1.66	.01	.02	1	21
16 L96E 97+25N	3	57	2	261	.7	49	12	756	4.75	23	5	2	1	11	1.8	2	2	53	.45	.086	8	48	.71	50	.03	2	2.51	.01	.02	1	21
16 L96E 97+00N	6	30	9	137	.6	50	20	4635	8.38	159	5	2	1	36	3.1	2	2	36	2.93	.114	24	15	.23	1370	.01	2	1.42	.01	.03	1	9
16 L96E 96+75N	2	27	17	151	.3	51	18	9181	5.31	39	5	2	1	35	3.7	2	2	35	3.33	.103	27	21	.30	252	.02	4	1.57	.01	.03	1	3
16 L96E 96+50N	2	17	18	91	.1	13	4	521	2.57	22	5	2	1	15	.2	2	3	49	1.57	.046	8	13	.05	60	.04	2	.76	.01	.02	1	8
16 L96E 96+25N	2	11	14	69	.1	11	3	288	1.62	7	5	2	1	17	.2	2	2	11	1.32	.084	10	4	.04	110	.01	2	.43	.01	.05	1	2
16 L96E 96+00N	1	10	2	64	.1	2	1	20	.28	2	5	2	1	24	1.1	2	2	5	4.23	.066	2	4	.02	66	.01	4	.16	.01	.02	1	1
16 L97E 103+75N	6	89	23	197	.6	16	25	3861	5.29	71	5	2	1	54	.8	3	2	21	3.13	.174	32	8	.48	222	.01	6	1.12	.01	.05	1	21
16 L97E 103+50N	9	51	40	151	1.3	11	20	2895	8.73	200	5	2	1	12	.5	4	2	22	.58	.150	14	10	.38	123	.01	2	1.11	.01	.04	1	64
16 L97E 103+25N	6	37	105	154	.6	11	11	2142	7.01	111	5	2	1	7	.2	2	2	34	.26	.153	11	14	.43	91	.01	2	1.80	.01	.04	1	22
16 L97E 103+00N	3	28	17	52	.5	72	9	371	3.58	6	5	2	1	11	.2	2	2	59	.22	.100	6	247	.30	95	.04	4	1.24	.02	.04	1	1
16 L97E 102+75N	3	34	24	172	.1	26	20	1998	9.53	48	5	2	1	21	1.7	2	2	25	1.07	.120	20	11	.84	149	.01	8	1.26	.01	.07	1	4
16 L97E 102+50N	1	95	12	219	.4	277	40	1620	7.03	41	5	2	1	31	1.2	2	2	128	.31	.139	10	319	2.26	134	.03	7	3.13	.02	.05	1	24
16 L97E 102+25N	4	20	6	48	.2	25	5	245	2.86	13	6	2	1	17	.3	2	2	77	.33	.055	6	72	.21	81	.14	7	.84	.03	.06	1	4
16 L97E 102+00N	60	1098	46	536	1.9	58	31	4091	10.39	78	5	2	1	32	2.9	2	2	152	.99	.278	23	34	.58	216	.01	5	1.90	.01	.07	1	45
16 L97E 101+75N	35	69	18	125	1.8	24	8	174	4.77	66	5	2	1	8	.2	2	2	132	.22	.194	23	21	.12	131	.02	3	1.30	.01	.05	1	6
16 L97E 101+50N	14	44	18	104	1.3	11	6	354	6.33	107	5	2	1	9	.2	3	3	57	.04	.135	11	13	.03	122	.03	5	.66	.01	.04	1	10
16 L97E 101+25N	9	17	8	43	1.0	6	2	194	2.54	8	5	2	1	7	.2	2	2	20	.17	.159	14	13	.07	57	.09	2	.90	.07	.06	1	1
16 L97E 101+00N	8	135	38	137	1.9	151	38	2009	7.44	17	5	2	1	19	.3	2	2	33	.24	.543	27	11	.28	270	.01	5	2.05	.02	.08	1	1
16 L97E 100+75N	94	182	53	624	1.9	80	18	959	8.69	221	5	2	1	15	1.3	9	2	192	.24	.362	16	33	.37	269	.01	7	.83	.01	.04	1	11
16 L97E 100+50N	7	141	16	216	.2	297	35	1011	4.26	37	5	2	1	32	1.4	2	2	87	1.75	.091	9	135	3.24	274	.07	3	2.13	.02	.09	2	70
16 L97E 100+25N	3	284	22	81	1.0	40	25	727	7.42	22	5	2	2	10	.5	2	2	93	.18	.093	19	48	.85	121	.04	5	2.82	.01	.06	1	440
16 L97E 99+75N	2	5	2	53	.7	4	1	40	.63	2	5	2	1	18	.2	2	2	14	.37	.072	3	7	.02	154	.04	4	.32	.02	.05	1	34
16 L97E 99+50N	1	14	2	29	1.1	5	1	59	.77	2	5	2	1	9	.2	2	2	11	.19	.084	5	9	.03	48	.08	2	.40	.05	.07	1	2
16 L97E 99+25N	2	15	4	37	.9	6	3	114	1.50	3	5	2	1	7	.2	2	2	23	.12	.073	6	15	.08	59	.09	2	.50	.05	.07	2	6
16 L97E 99+00N	4	21	3	43	1.2	8	6	77	1.90	11	5	2	1	8	.2	2	2	47	.16	.052	6	15	.07	51	.03	3	.75	.01	.06	1	11
16 L97E 98+75N	1	9	4	49	1.4	14	4	174	1.31	10	5	2	1	8	.2	2	2	21	.23	.057	5	10	.27	81	.02	3	.56	.02	.10	2	1
16 L97E 98+50N	1	8	5	50	1.2	4	1	93	.71	4	5	2	1	11	.3	2	2	12	.53	.089	3	5	.06	60	.04	3	.42	.02	.08	1	1
16 L97E 98+25N	3	18	6	37	.2	6	6	432	2.56	7	5	2	1	11	.2	2	2	63	.38	.111	7	13	.11	92	.09	2	.74	.04	.05	1	5
16 L97E 98+50NA	1	4	10	33	.7	3	1	89	.64	4	5	2	1	11	.3	2	2	11	.27	.041	7	6	.03	71	.09	3	.33	.12	.09	1	13
16 L97E 98+00N	2	10	7	29	.4	4	2	91	1.57	5	5	2	1	6	.2	2	2	15	.22	.063	10	10	.03	52	.10	2	.73	.08	.07	2	2
16 L97E 97+75N	3	54	10	67	.6	32	12	2706	7.08	11	5	2	1	8	.2	2	2	94	.13	.266	11	82	.30	113	.03	2	1.46	.02	.06	1	23
16 L97E 97+50N	4	28	12	128	.9	32	5	406	4.35	19	5	2	1	11	.2	2	2	61	.17	.329	9	90	.26	55	.05	2	1.38	.01	.04	1	31
16 L97E 97+25N	2	9	6	43	1.1	7	2	93	1.09	2	5	2	1	7	.3	2	2	19	.11	.061	7	16	.04	43	.11	2	.38	.07	.06	1	3

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 %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
16 L97E 97+00N	1	7	3	60	1.0	4	1	52	.39	2	5	2	1	20	.8	2	2	6	1.64	.062	2	3	.02	240	.01	2	.22	.02	.03	1	1
16 L97E 96+75N	1	12	2	42	.5	3	1	21	.30	5	5	2	1	20	.7	2	2	5	2.17	.058	2	3	.01	172	.01	2	.16	.01	.03	1	1
16 L97E 96+50N	2	4	6	33	.1	3	1	97	1.16	2	5	2	1	6	.2	2	2	14	.28	.041	9	9	.03	49	.17	5	.44	.08	.06	1	2
16 L97E 96+25N	1	35	15	97	.1	8	6	451	2.41	11	5	2	1	24	1.0	2	2	36	3.20	.056	10	9	.21	82	.02	2	1.18	.02	.05	1	2
16 L97E 96+00N	2	103	23	464	1.1	42	11	1586	3.48	24	6	2	1	30	2.8	5	2	35	3.75	.192	14	26	.40	239	.01	3	1.25	.01	.05	1	15
16 L97E 95+75N	1	30	5	96	.2	8	2	241	.70	9	5	2	1	13	1.3	2	2	8	2.57	.081	4	7	.05	41	.01	3	.26	.01	.04	1	3
16 L97E 95+50N	1	14	2	90	.3	3	1	42	.25	2	5	2	1	18	.6	2	2	4	1.24	.071	2	2	.05	49	.01	2	.11	.01	.04	1	2
16 L97E 95+25N	3	113	393	2061	6.6	44	10	1007	3.66	50	6	2	1	43	11.1	30	2	21	4.88	.108	13	21	.30	98	.01	4	.70	.01	.05	1	96
16 L97E 95+00N	18	98	187	2160	16.7	61	12	2159	4.72	80	5	2	1	37	8.9	14	2	42	4.42	.152	13	18	.37	103	.01	3	.74	.01	.06	1	186
16 L97E 94+75N	8	82	34	528	3.7	32	10	1029	4.60	37	9	2	1	30	2.2	13	2	30	3.00	.116	15	27	.38	83	.01	3	1.07	.01	.06	1	38
16 L97E 94+50N	99	239	54	799	3.2	125	34	2050	6.62	106	5	2	1	20	10.5	26	2	101	.90	.271	20	20	.08	419	.01	2	.85	.01	.07	1	21
16 L98E 106+75N	1	9	4	41	.4	6	2	84	.93	2	5	2	1	14	.5	2	2	24	1.14	.052	8	7	.05	37	.05	2	.42	.02	.03	1	4
16 L98E 106+50N	1	5	2	53	.3	6	1	21	.18	2	5	2	1	10	.5	2	2	3	.83	.067	2	6	.02	80	.01	2	.11	.01	.03	1	1
16 L98E 106+25N	2	7	10	43	.2	5	2	130	1.34	2	5	2	2	10	.2	2	2	27	.56	.034	12	8	.06	30	.09	2	.50	.05	.04	1	25
16 L98E 106+00N	1	31	18	278	.3	17	5	3962	2.19	22	5	2	1	35	2.9	2	2	33	7.35	.203	23	9	.14	112	.01	5	1.22	.01	.03	2	9
16 L98E 105+75N	1	12	7	88	.1	20	2	153	1.19	2	5	2	1	22	1.4	2	2	17	3.27	.071	17	8	.07	72	.05	2	.81	.02	.01	1	8
16 L98E 105+50N	2	64	3709	1136	5.1	23	14	949	5.42	305	5	2	1	22	12.1	2	2	94	4.35	.087	16	11	.17	101	.07	15	1.83	.01	.01	1	125
16 L98E 105+25N	1	22	180	271	.4	8	3	1674	1.13	18	5	2	1	29	1.6	2	2	25	5.34	.177	12	7	.15	99	.02	18	.78	.01	.02	1	10
16 L98E 105+00N	2	24	44	163	.3	14	5	715	1.30	17	5	2	1	33	1.5	2	2	35	6.29	.139	13	7	.12	93	.02	13	.75	.01	.02	1	8
16 L98E 104+75N	11	60	80	264	.7	29	10	950	2.41	77	5	2	1	20	1.8	3	2	79	2.39	.151	9	11	.43	351	.03	16	.90	.01	.05	2	24
16 L98E 104+50N	9	87	12	105	.2	31	9	906	2.00	38	5	2	1	30	1.1	4	2	44	3.31	.067	6	7	.15	895	.01	4	.31	.01	.03	1	6
16 L98E 104+25N	24	52	5	158	.2	29	8	500	1.82	17	5	2	1	28	.7	2	2	57	1.30	.148	6	7	.12	472	.01	8	.24	.01	.07	1	11
16 L98E 104+00N	21	123	31	306	.8	59	19	1230	4.41	60	5	2	1	46	4.2	3	2	112	1.50	.210	13	21	.91	975	.03	32	1.23	.01	.08	1	47
16 L98E 103+75N	24	107	30	234	.7	62	19	1171	4.59	76	5	2	1	34	2.0	2	2	82	1.26	.170	10	18	.81	646	.02	16	1.05	.01	.10	1	99
16 L98E 103+50N	3	18	5	71	.2	17	1	42	.35	2	5	2	1	13	.2	2	2	5	.42	.055	2	9	.03	152	.01	8	.11	.01	.01	1	1
16 L98E 103+25N	2	23	7	57	.2	5	4	136	1.47	13	5	2	1	9	.2	2	2	19	.32	.097	5	5	.08	59	.01	4	.40	.01	.04	1	3
16 L98E 103+00N	4	13	13	58	.1	9	7	399	3.68	31	5	2	1	5	.7	2	2	29	.15	.115	7	12	.45	36	.01	2	1.15	.02	.08	1	9
16 L98E 102+75N	2	22	2	85	.2	16	2	181	.49	2	5	2	1	14	.2	2	4	5	.72	.079	2	9	.04	34	.01	3	.16	.01	.02	1	1
16 L98E 102+50N	2	31	5	73	.3	15	2	112	1.25	2	5	2	1	7	.2	2	2	13	.19	.116	3	13	.05	82	.02	6	.35	.01	.03	1	2
16 L98E 102+25N	15	80	20	263	.3	143	40	2087	4.88	60	5	2	1	22	.9	2	2	72	.84	.152	6	159	.92	200	.01	2	1.08	.01	.07	1	6
16 L98E 102+00N	6	38	9	75	.9	28	7	683	3.03	11	5	2	1	7	.2	2	2	49	.08	.118	6	53	.09	102	.02	4	.69	.01	.03	1	28
16 L98E 101+75N	25	30	2	55	4.5	11	4	135	2.83	9	5	2	1	5	.2	2	3	54	.03	.152	8	12	.04	60	.02	2	1.05	.01	.02	1	12
16 L98E 101+50N	39	57	15	174	4.8	24	5	666	3.79	23	5	2	1	13	.2	3	4	67	.15	.276	8	10	.14	117	.01	2	.68	.01	.04	1	9
16 L98E 101+25N	15	118	17	271	.6	191	33	1266	5.55	68	5	2	1	18	.6	2	2	91	.59	.113	7	122	1.87	250	.02	3	1.66	.01	.04	1	160
16 L98E 101+00N	19	56	35	245	1.0	79	18	1236	5.42	90	5	2	1	7	.2	4	2	90	.07	.097	6	68	.44	90	.01	2	.88	.01	.03	1	30
16 L98E 100+75N	12	24	4	62	1.9	10	5	162	3.00	6	5	2	1	8	.2	2	6	80	.16	.053	7	12	.16	78	.06	2	1.16	.01	.03	2	9
16 L98E 100+50N	3	131	23	68	1.0	11	10	559	10.23	20	5	2	3	2	.3	2	2	105	.02	.052	23	30	.15	49	.02	2	4.08	.01	.01	1	4
16 L98E 100+25N	2	5	2	43	.4	5	1	108	1.28	2	5	2	1	6	.2	2	3	27	.06	.038	5	7	.09	26	.03	5	.66	.02	.03	1	5
16 L99E 105+75N	7	38	12	74	4.5	15	7	313	4.18	20	5	2	1	12	.3	2	2	50	.16	.148	8	23	.14	139	.02	2	1.31	.02	.03	1	9
16 L99E 105+50N	6	51	79	70	2.8	12	7	568	4.74	19	5	2	2	10	.2	2	2	42	.35	.167	10	22	.17	108	.04	3	1.42	.03	.07	1	17

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 %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
16 L99E 104+75N	2	8	9	25	.5	5	1	71	.47	6	5	2	1	4	.2	2	2	5	.38	.038	2	3	.03	33	.01	2	.15	.01	.01	1	8
16 L99E 104+50N	3	56	12	140	2.2	26	4	407	2.20	11	5	2	2	31	.7	2	2	35	3.06	.104	15	10	.07	349	.12	5	.83	.02	.05	1	2
16 L99E 104+25N	5	18	6	67	.6	10	1	108	.64	2	5	2	1	13	.2	2	2	11	1.88	.066	3	3	.08	185	.05	12	.42	.01	.02	1	1
16 L99E 104+00N	10	40	7	81	.8	16	2	183	.90	7	5	2	1	10	.2	2	2	14	.49	.088	3	5	.05	134	.01	2	.16	.01	.04	1	6
16 L99E 103+75N	34	64	21	112	1.9	35	7	318	5.29	77	5	2	2	18	.2	2	2	108	.23	.250	13	33	.10	334	.12	3	.66	.02	.05	1	20
16 L99E 103+50N	41	68	42	101	.7	40	10	870	6.14	89	5	2	2	12	.2	2	6	138	.25	.466	11	36	.11	261	.05	2	.99	.02	.06	3	12
16 L99E 103+25N	18	44	13	66	.5	19	3	155	2.91	25	5	2	2	9	.2	2	2	45	.36	.156	13	10	.04	102	.13	2	.75	.02	.05	1	9
16 L99E 103+00N	61	95	43	162	.4	39	13	1049	7.84	147	5	2	1	20	.2	3	2	293	.52	.227	11	31	.30	385	.03	4	1.11	.01	.04	1	43
16 L99E 102+75N	2	16	5	46	.2	37	6	393	1.75	14	5	2	1	4	.3	9	2	17	.10	.100	5	63	.24	39	.08	2	.42	.01	.01	1	4
16 L99E 102+50N	2	15	2	54	.2	39	11	740	1.53	19	5	2	1	4	.2	2	2	24	.08	.067	2	52	.26	27	.01	2	.33	.01	.02	1	8
16 L99E 102+25N	13	156	81	377	.6	214	39	2847	8.63	122	5	2	2	24	2.3	2	2	91	.48	.181	23	172	1.67	217	.01	2	2.04	.01	.08	1	33
16 L99E 102+00N	14	91	42	278	.3	234	38	1847	6.00	72	5	2	1	29	1.1	2	2	94	.64	.157	10	232	2.03	183	.02	4	1.79	.01	.06	1	11
16 L99E 101+75N	9	45	22	106	1.0	65	13	310	2.98	31	5	2	1	14	.2	2	2	55	.20	.084	13	54	.46	243	.07	3	1.04	.06	.07	1	13
16 L99E 101+50N	2	29	12	55	.5	46	8	412	9.42	20	5	2	2	11	.3	2	2	137	.10	.060	10	300	.56	53	.06	5	2.56	.01	.03	1	1
16 L99E 101+25N	2	33	14	72	2.5	64	10	456	4.84	6	5	2	3	7	.2	2	2	54	.08	.074	13	105	.89	48	.04	4	3.05	.02	.07	1	11
16 L99E 101+00N	4	34	10	68	1.2	35	6	299	3.82	18	5	2	2	10	.2	2	2	73	.08	.171	8	77	.29	55	.02	3	1.43	.01	.05	1	9
16 L99E 100+75N	9	153	20	607	1.3	269	35	3368	7.78	30	5	2	1	92	4.2	3	2	92	1.74	.219	20	160	1.23	344	.03	7	2.40	.02	.06	1	14
16 L99E 100+50N	7	15	10	68	.4	39	8	209	3.16	6	5	2	1	12	.2	2	2	60	.11	.061	9	45	.14	77	.03	2	.92	.02	.04	1	7
16 L99E 100+25N	14	87	19	439	1.6	78	13	3012	5.00	23	5	2	1	49	2.3	2	2	67	.86	.227	21	76	.49	294	.03	3	2.19	.03	.06	1	10
16 L99E 99+75N	2	14	8	58	.6	7	2	139	1.16	2	5	2	1	17	.2	2	2	27	.32	.047	9	17	.11	44	.04	2	.76	.03	.05	1	7
16 L99E 99+50N	2	2	10	32	.5	12	3	110	1.31	7	5	2	2	8	.2	2	2	45	.08	.035	8	22	.07	14	.12	2	.47	.05	.07	1	4
16 L99E 99+25N	3	19	7	50	.8	44	6	157	4.11	2	5	2	1	9	.2	2	2	121	.05	.063	11	64	.12	25	.05	3	1.40	.02	.04	1	1
16 L99E 99+00N	2	21	7	35	.7	11	7	220	3.01	4	5	2	2	16	.2	2	2	93	.11	.055	7	29	.16	17	.15	2	.72	.03	.03	1	8
16 L99E 98+75N	1	5	10	23	.1	26	6	740	.94	2	5	2	1	11	.2	2	2	25	.09	.028	8	47	.22	32	.06	2	.53	.03	.02	1	20
16 L99E 98+50N	2	11	12	36	.5	36	4	127	3.24	2	5	2	3	11	.2	2	4	109	.06	.034	9	63	.21	35	.09	2	1.06	.02	.05	1	15
16 L99E 98+25N	1	62	13	119	.1	134	15	773	12.34	12	5	2	3	5	.5	3	2	207	.02	.059	6	384	.76	61	.03	9	2.65	.01	.02	1	8
16 L99E 98+00N	1	38	15	100	.2	224	21	825	4.82	2	5	2	1	10	.2	2	2	126	.16	.064	8	342	2.39	120	.14	3	2.15	.05	.05	1	15
16 L99E 97+75N	5	32	12	41	.3	15	4	139	3.29	9	5	2	1	12	.2	2	2	75	.07	.063	11	39	.16	39	.06	2	1.38	.02	.04	1	38
16 L99E 97+50N	4	19	12	44	.5	11	4	286	2.87	3	5	2	1	11	.2	2	2	51	.08	.096	9	35	.17	29	.05	2	1.15	.03	.05	1	29
16 L99E 97+25N	4	34	13	34	1.1	13	3	142	3.09	10	5	2	1	13	.2	2	2	52	.09	.090	10	31	.14	40	.06	2	1.36	.03	.04	1	33
16 L99E 97+00N	2	7	7	36	1.1	2	2	102	1.17	4	5	2	1	6	.2	2	2	12	.10	.043	8	8	.03	17	.14	2	.43	.07	.06	1	3
16 L99E 96+75N	2	22	13	71	6.0	76	9	444	6.32	7	5	2	4	8	.2	2	2	159	.05	.051	10	109	.32	41	.12	2	1.60	.02	.05	1	4
16 L99E 96+50N	2	18	16	39	.5	22	5	190	5.46	18	5	2	3	15	.2	2	2	192	.07	.034	9	46	.13	37	.12	2	1.38	.01	.04	1	5
16 L99E 96+25N	3	7	7	31	.2	10	2	138	2.11	3	5	2	1	7	.2	2	2	23	.07	.045	11	43	.13	20	.19	2	.69	.10	.06	1	3
16 L99E 96+00N	1	5	2	30	.3	106	12	269	1.82	14	5	2	1	3	.3	11	2	28	.04	.021	4	37	1.22	16	.05	2	.27	.02	.01	1	4
16 L99E 95+75N	1	38	9	94	.5	202	17	509	5.54	9	5	2	1	17	.2	2	2	88	.16	.055	5	99	.81	66	.03	16	1.64	.01	.05	2	27
16 L99E 95+50N	5	33	12	99	.3	154	14	399	6.82	8	5	2	1	7	.2	2	2	111	.04	.062	11	181	.57	52	.05	15	1.87	.02	.04	1	16
16 L99E 95+25N	2	851	14	898	.4	150	14	1013	3.15	13	5	2	1	103	2.3	2	2	55	3.82	.108	12	88	.58	226	.03	10	.98	.02	.04	1	6
16 L99E 94+75N	2	45	5	146	.1	158	12	299	2.15	2	5	2	1	34	.3	2	2	35	.48	.082	2	78	.88	99	.02	8	.49	.01	.05	1	2
16 L99E 94+50N	2	36	13	52	.4	70	9	359	4.53	16	5	2	1	12	.2	2	2	78	.13	.052	10	100	.50	46	.11	10	1.79	.02	.03	1	8

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 %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
16 L99E 94+25N	2	6	9	45	.1	19	3	124	1.05	2	5	2	1	8	.2	2	2	21	.13	.050	8	23	.09	40	.11	12	.45	.08	.08	1	4
16 L99E 94+00N	1	40	12	57	.1	79	8	232	8.04	21	5	2	1	12	.2	2	2	112	.22	.068	17	141	.48	32	.11	9	2.23	.01	.04	1	1
16 L99E 93+75N	51	121	45	532	1.8	59	20	2115	6.54	68	5	2	1	14	2.6	16	2	79	.32	.227	17	26	.20	265	.01	8	1.10	.01	.07	1	25
16 L99E 93+50N	3	18	9	53	.4	52	5	240	3.51	7	5	2	1	7	.2	2	2	93	.06	.094	7	44	.09	25	.10	7	.78	.02	.05	1	6
16 L99E 93+25N	3	15	8	54	.5	39	4	190	3.36	9	5	2	1	11	.2	2	2	87	.13	.042	7	57	.17	28	.08	5	.90	.02	.05	1	6
16 L99E 93+00N	2	32	14	75	.6	210	29	1082	8.54	9	5	2	1	16	.6	2	3	114	.17	.080	8	174	.76	104	.06	4	1.74	.02	.04	1	22
16 L100E 99+75N	1	117	36	313	.2	79	39	4326	18.45	7	5	2	2	8	2.3	5	2	158	.17	.103	10	124	.27	144	.01	6	4.64	.01	.04	2	4
16 L100E 99+50N	2	64	13	50	.1	58	15	683	9.18	5	5	2	2	4	.7	3	2	125	.03	.050	12	105	.22	76	.02	2	1.87	.01	.04	1	1
16 L100E 99+25N	1	59	13	56	.1	517	37	2144	5.84	11	5	2	1	19	.7	3	2	111	.62	.057	10	259	5.21	161	.05	4	3.48	.03	.05	1	1
16 L100E 99+00N	1	9	3	28	.1	44	5	252	1.60	2	5	2	1	6	.2	2	2	28	.09	.060	7	42	.30	28	.09	2	.47	.04	.05	1	1
16 L100E 98+75N	1	7	5	31	.2	4	2	152	1.06	2	5	2	1	10	.2	2	2	23	.16	.030	6	20	.07	25	.09	2	.32	.03	.05	1	6
16 L100E 98+50N	1	8	5	21	.1	6	2	81	1.48	2	5	2	1	6	.2	2	2	40	.05	.027	7	30	.06	23	.07	2	.61	.02	.03	1	10
16 L100E 98+25N	4	34	10	49	.2	7	3	203	1.95	3	5	2	1	7	.7	2	2	56	.16	.052	5	28	.16	58	.08	2	.46	.04	.05	2	15
16 L100E 98+00N	2	28	12	48	.2	99	19	596	7.74	6	5	2	1	5	.7	2	7	176	.06	.066	8	427	.82	27	.08	2	1.72	.01	.03	2	4
16 L100E 97+50N	1	8	11	22	.1	7	2	90	.83	2	5	2	1	3	.7	2	2	19	.05	.022	9	21	.04	18	.08	2	.28	.06	.05	1	1
16 L100E 97+00N	3	15	12	27	.2	9	3	123	2.88	9	5	2	2	3	.6	2	2	34	.03	.061	12	34	.08	51	.07	5	1.22	.04	.05	2	1
16 L100E 96+50N	2	23	13	85	.1	124	17	607	4.46	3	5	2	1	21	1.4	3	2	95	.31	.077	8	202	.70	423	.07	2	1.38	.01	.03	1	1
16 L100E 96+00N	1	3	10	16	.1	6	1	72	.82	2	5	2	1	6	.3	2	3	20	.07	.031	6	14	.04	18	.08	4	.32	.04	.05	1	5
16 L100E 95+50N	3	44	31	153	.2	167	34	849	8.18	16	5	2	2	11	.4	2	11	146	.16	.051	5	133	1.17	57	.05	2	1.91	.01	.03	1	11
16 L100E 95+00N	3	21	10	66	.3	117	21	684	5.70	10	5	2	2	9	.8	2	4	77	.11	.031	9	90	.49	54	.07	2	1.82	.02	.03	2	2
16 L100E 94+50N	1	57	22	147	.2	10	6	403	1.36	2	5	2	1	33	2.0	2	2	19	3.17	.080	28	21	.03	128	.04	4	1.59	.02	.03	2	1
16 L100E 94+00N	4	9	4	39	.1	8	4	108	2.35	4	5	2	1	6	.8	2	2	69	.22	.021	6	20	.04	18	.08	2	.52	.03	.03	2	2
16 L100E 93+50N	4	43	18	117	.3	45	11	567	6.48	23	5	2	2	9	1.5	2	4	92	.14	.070	10	58	.40	50	.07	2	4.05	.01	.02	4	5
16 L100E 92+50N	7	97	87	940	1.3	68	25	2772	5.87	35	5	2	1	37	4.4	3	2	55	1.00	.088	14	55	.68	132	.02	3	1.79	.01	.04	2	51
16 L100E 92+00N	2	9	9	53	.8	11	4	201	1.96	11	5	2	1	11	.9	2	2	60	.12	.024	7	22	.08	29	.07	4	.57	.02	.03	2	9
16 L100E 110+00N	4	10	2	260	.3	32	5	101	3.64	8	5	2	1	6	.2	2	2	105	.07	.021	6	79	.22	15	.10	2	.75	.02	.01	1	2
16 L100E 109+50N	2	56	11	129	.3	161	15	305	5.49	4	5	2	1	10	.3	2	2	80	.23	.046	12	240	1.49	55	.08	3	3.80	.01	.01	1	1
16 L100E 109+00N	3	45	2	78	.1	25	2	32	.91	2	5	2	1	18	.7	2	2	13	.98	.074	6	30	.15	42	.02	6	.36	.01	.04	1	9
16 L100E 108+50N	5	21	7	68	1.0	48	5	68	3.93	4	5	2	1	7	.2	2	2	86	.09	.030	12	92	.41	38	.10	2	1.65	.01	.02	1	5
16 L100E 108+00N	8	11	2	25	.1	31	4	61	2.69	7	5	2	1	8	.2	2	6	72	.17	.023	12	98	.28	38	.09	4	1.11	.01	.01	2	2
16 L100E 107+50N	4	102	87	159	1.0	86	14	442	6.22	12	5	2	1	7	.2	2	2	88	.15	.209	7	162	.90	49	.07	2	5.50	.01	.01	1	2
16 L100E 107+00N	1	10	2	18	.3	6	2	54	.78	2	5	2	1	6	.2	2	2	9	.19	.057	6	8	.05	41	.07	4	.40	.04	.04	1	1
16 L100E 106+75N	1	4	2	15	.2	2	1	50	.40	2	5	2	1	9	.2	2	2	6	.22	.055	4	5	.03	68	.04	2	.25	.04	.04	1	5
16 L100E 106+50N	1	8	2	34	.2	4	1	32	.48	2	5	2	1	19	.5	2	2	7	.46	.074	2	7	.04	185	.02	4	.20	.02	.04	1	10
16 L100E 106+25N	2	3	2	21	.1	1	1	78	.78	2	5	2	1	5	.2	2	2	12	.14	.031	6	8	.02	35	.10	4	.21	.05	.04	1	3
16 L100E 106+00N	1	4	4	16	.1	2	1	145	.78	2	5	2	1	5	.2	2	2	11	.12	.046	6	6	.05	21	.06	5	.26	.05	.05	1	5
16 L100E 105+75N	3	17	2	32	.1	29	1	45	.18	2	5	2	1	76	1.2	2	4	4	2.47	.085	2	5	.18	62	.01	13	.12	.01	.04	1	6
16 L100E 105+50N	1	68	8	68	.1	212	22	509	3.96	3	5	2	1	36	.5	2	2	112	1.83	.042	3	124	3.34	409	.22	7	2.89	.02	.17	1	1
16 L100E 105+25N	5	58	13	87	.2	238	21	442	5.00	5	5	2	1	16	.3	2	2	92	1.03	.275	3	138	4.20	67	.19	2	3.36	.02	.13	1	2
16 L100E 105+00N	8	37	4	82	.5	103	9	203	2.78	20	5	2	1	74	.2	2	2	84	1.89	.076	7	74	1.17	110	.10	7	1.19	.02	.05	1	1

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 %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
16 L100E 104+75N	3	66	15	61	.5	345	27	343	4.16	3	5	2	1	10	.2	2	2	74	.68	.057	4	141	4.16	49	.19	9	3.42	.02	.09	1	1
16 L100E 104+50N	1	7	2	24	.2	42	4	115	1.06	2	5	2	1	6	.2	2	2	20	.32	.045	5	40	.49	27	.19	4	.37	.03	.06	1	2
16 L100E 104+25N	3	46	13	12	.2	8	2	67	2.47	2	5	2	1	1	.2	2	2	18	.13	.171	16	23	.01	24	.05	2	1.47	.01	.01	1	5
16 L100E 104+00N	6	66	15	97	.7	158	14	387	4.81	16	5	2	1	17	.2	2	2	78	.32	.074	6	198	1.56	184	.04	2	1.81	.01	.02	1	1
16 L100E 103+75N	47	74	25	113	.7	138	28	2106	8.98	78	5	2	1	8	1.0	2	2	161	.36	.678	8	160	1.34	135	.07	2	2.48	.01	.04	1	2
16 L100E 103+50N	34	92	26	173	1.6	64	11	483	7.26	62	5	2	1	9	.2	4	2	91	.11	.371	12	89	.44	104	.03	2	1.28	.01	.03	1	1
16 L100E 103+25N	16	99	32	206	2.2	92	15	1214	7.12	87	5	2	1	10	.2	2	2	65	.26	.236	13	103	.71	115	.04	2	1.74	.03	.05	1	6
16 L100E 103+00N	22	190	37	389	1.4	217	38	2462	8.87	99	5	2	1	12	3.0	2	2	97	.34	.176	17	179	1.92	184	.01	2	2.31	.01	.03	1	8
16 L100E 102+75N	19	142	35	377	1.4	175	29	2657	7.29	87	5	2	1	13	1.1	3	2	90	.38	.224	14	147	1.56	244	.01	2	1.96	.01	.04	1	10
16 L100E 102+50N	3	30	17	57	.9	37	9	666	6.35	20	5	2	1	8	.2	2	2	152	.10	.101	8	79	.42	45	.10	2	1.38	.01	.02	1	3
16 L100E 102+25N	9	145	15	282	.6	300	32	1387	5.19	44	5	2	1	32	1.1	2	2	85	1.21	.142	9	160	3.04	273	.03	2	2.06	.01	.06	1	1
16 L100E 102+00N	14	58	26	193	.4	130	22	1040	5.17	53	5	2	1	10	.2	3	2	80	.25	.245	5	155	1.37	110	.02	2	1.31	.01	.04	1	1
16 L100E 101+75N	4	106	16	198	.4	310	26	827	4.15	20	5	2	1	32	2.1	2	2	71	1.41	.087	6	163	3.64	252	.07	7	2.15	.01	.07	1	107
16 L100E 101+50N	3	36	17	75	.5	47	10	871	6.99	16	5	2	1	10	.2	2	2	103	.20	.309	7	141	.46	54	.07	6	1.88	.01	.02	1	15
16 L100E 101+25N	2	62	16	140	.1	152	22	1081	7.65	13	5	2	1	9	1.6	2	2	76	.25	.085	10	162	1.94	51	.08	3	3.46	.01	.02	1	29
16 L100E 101+00N	2	38	9	60	.4	89	15	516	7.68	6	5	2	1	8	.8	2	2	117	.09	.049	8	199	.92	72	.07	3	2.59	.01	.02	1	13
16 L100E 100+75N	3	20	4	52	.2	60	7	249	4.15	2	7	2	1	7	.4	2	6	113	.11	.040	6	140	.56	31	.12	6	.91	.02	.03	2	6
16 L100E 100+50N	3	24	15	51	.7	45	9	421	5.47	3	5	2	1	8	.2	2	2	94	.09	.039	10	100	.41	39	.09	6	1.54	.02	.03	1	18
16 L100E 100+25N	2	9	5	34	.1	7	3	153	2.13	2	5	2	1	7	.2	2	2	51	.09	.028	7	16	.10	50	.02	7	.99	.01	.03	1	40
16 L101+75N 100+25E	1	12	7	45	.6	26	5	345	2.35	9	11	2	1	188	.8	3	2	2916	.72	.036	12	46	1.12	32	.06	3	1.14	.01	.04	1	2
16 BL100N 89E	23	27	57	229	.1	47	10	8879	12.98	67	5	2	1	10	.8	17	2	92	.13	.082	18	56	.09	142	.03	2	2.22	.01	.03	1	7
16 BL100N 89+25E	2	19	31	373	.1	25	11	4167	18.84	31	5	2	2	11	3.5	2	2	73	1.36	.094	30	21	.59	112	.03	2	3.97	.01	.02	1	2
16 BL100N 89+50E	5	17	33	281	.1	13	7	1609	12.53	37	5	2	4	11	1.1	6	2	103	.25	.041	22	26	.18	32	.11	3	2.69	.04	.04	1	5
16 BL100N 89+75E	2	28	23	314	.1	30	9	3707	6.49	109	5	2	1	29	3.0	4	2	40	2.49	.187	39	14	.14	123	.02	4	1.31	.01	.06	1	2
16 BL100N 90E	5	19	31	229	.4	21	11	6808	6.51	23	5	2	1	18	3.6	3	2	78	2.43	.134	30	25	.13	136	.05	6	2.37	.01	.03	2	9
16 BL100N 90+25E	4	23	32	146	.3	37	11	2460	5.66	29	5	2	1	26	1.4	4	2	67	1.87	.120	25	54	.29	84	.03	3	1.93	.01	.06	1	10
16 BL100N 90+50E	2	18	16	141	.7	8	7	2590	2.44	3	5	2	1	29	.6	2	2	34	1.90	.069	12	28	.06	156	.06	2	.85	.03	.05	1	2
16 BL100N 90+75E	31	39	17	148	.7	21	9	356	6.12	25	5	2	1	13	.3	5	2	77	.24	.230	5	20	.08	56	.01	2	.92	.01	.03	1	7
16 BL100N 91E	2	39	13	170	1.2	54	18	5966	9.70	48	5	2	1	30	4.0	2	2	61	1.72	.128	17	45	.50	141	.02	3	2.22	.01	.03	1	27
16 BL100N 91+25E	3	104	9	49	.8	6	9	965	7.23	17	5	2	1	9	.2	3	2	80	.07	.268	9	16	.17	79	.01	2	2.89	.01	.05	1	27
16 BL100N 91+50E	3	43	12	52	.8	4	8	1045	4.94	15	5	2	1	18	.2	2	2	82	.22	.196	4	10	.27	113	.01	2	2.09	.01	.08	1	64
16 BL100N 91+75E	2	77	16	110	.9	17	13	1768	6.25	44	5	2	1	19	.5	2	2	67	.63	.121	14	22	.50	194	.01	2	3.24	.01	.06	1	19
16 BL100N 92E	3	13	11	33	.5	3	4	97	1.94	4	5	2	1	17	.5	2	3	43	.15	.056	9	13	.08	30	.04	4	1.32	.02	.03	1	13
16 BL100N 92+25E	4	28	20	71	.2	18	6	358	9.95	29	5	2	1	14	.8	3	2	161	.14	.139	9	48	.36	93	.11	2	1.97	.01	.04	1	12
16 BL100N 92+50E	3	39	17	140	.9	23	7	712	7.08	25	5	2	1	16	.3	2	2	103	.15	.139	7	60	.40	54	.11	2	2.01	.01	.05	1	12
16 BL100N 92+75E	2	52	14	77	.4	25	6	250	6.68	32	5	2	1	21	.2	2	2	117	.23	.098	10	63	.36	44	.13	2	1.59	.01	.04	1	13
16 BL100N 93E	5	47	2	54	.5	6	11	848	6.05	16	5	2	1	8	.2	5	2	57	.08	.106	5	14	.54	55	.01	5	3.02	.01	.06	1	13
16 BL100N 93+25E	3	26	10	48	1.0	8	6	278	5.51	23	5	2	1	16	.2	2	3	106	.12	.126	6	25	.30	51	.02	2	2.20	.01	.05	1	11
16 BL100N 93+50E	3	82	33	139	1.7	43	16	1380	8.04	80	5	2	1	14	.4	3	3	76	.18	.225	3	54	.68	91	.03	2	3.25	.01	.06	1	59
16 BL100N 93+75E	2	54	32	111	.1	47	9	569	9.69	48	5	2	1	12	.6	3	2	193	.15	.092	20	83	.72	63	.09	2	2.67	.01	.04	1	18

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 %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
16 BL100N 94E	1	58	11	149	3.1	44	8	4115	3.68	36	5	2	1	22	.8	2	3	38	2.44	.106	26	46	.31	101	.02	5	2.21	.02	.02	1	22
16 BL100N 94+25E	5	42	36	68	2.2	25	6	589	11.07	37	5	2	3	11	.5	3	2	159	.25	.263	10	79	.28	53	.18	2	1.66	.01	.05	1	36
16 BL100N 94+50E	4	45	15	58	1.2	12	5	441	6.53	22	5	2	1	13	.2	2	2	97	.15	.201	7	32	.27	96	.03	2	2.41	.01	.06	1	11
16 BL100N 94+75E	3	27	13	54	.9	13	7	529	4.33	13	5	2	1	20	.2	2	2	97	.21	.108	6	25	.43	64	.03	2	2.24	.01	.05	1	11
16 BL100N 95E	5	28	13	97	1.4	6	7	919	10.04	25	5	2	1	17	.8	2	2	48	.56	.230	13	19	.13	91	.02	2	2.63	.01	.03	1	17
16 BL100N 95+25E	4	30	33	112	.5	17	6	1087	7.15	111	5	2	1	3	.2	4	2	63	.08	.085	14	12	.23	211	.02	2	1.72	.04	.07	1	17
16 BL100N 95+50E	13	43	57	223	1.2	35	9	687	10.29	76	5	2	1	11	.9	3	2	127	.16	.153	16	83	.27	152	.06	2	2.23	.01	.06	1	10
16 BL100N 95+75E	29	122	36	316	.8	46	22	1727	7.13	45	5	2	1	22	.9	4	2	104	.08	.126	15	31	.24	165	.01	2	2.33	.01	.04	1	10
16 BL100N 96E	3	170	2	80	.3	848	135	4266	6.64	17	5	2	1	21	3.0	2	2	104	.23	.078	4	341	7.65	141	.01	7	2.66	.01	.01	1	4
16 BL100N 96+25E	4	65	12	252	.4	233	23	1450	4.19	25	5	2	1	38	1.2	2	2	88	1.67	.147	13	150	2.37	236	.04	2	2.05	.02	.08	1	12
16 BL100N 96+50E	1	113	7	141	.1	400	46	1205	4.48	17	5	2	1	37	1.0	2	2	83	1.59	.072	7	199	4.53	221	.07	2	2.77	.01	.08	1	33
16 BL100N 96+75E	4	144	12	41	.7	16	5	300	4.67	11	5	2	1	9	.2	2	2	82	.12	.083	10	32	.23	83	.11	2	1.68	.02	.05	1	43
16 BL100N 97E	2	12	3	40	.6	7	2	86	.58	5	6	2	2	11	.4	2	2	11	.35	.079	2	11	.10	87	.02	5	.24	.02	.08	1	11
16 BL100N 97+25E	1	12	2	45	.7	2	2	73	.72	2	5	2	1	11	.2	2	2	10	.12	.056	9	8	.03	71	.06	2	.58	.06	.06	1	3
16 BL100N 97+50E	4	12	3	59	2.0	3	2	91	.84	2	5	2	1	9	.2	2	2	33	.12	.066	7	12	.04	29	.03	7	.33	.03	.05	1	7
16 BL100N 97+75E	4	24	4	52	.4	1	5	197	2.49	7	5	2	1	13	.3	2	2	95	.27	.080	6	7	.07	61	.12	2	.57	.04	.04	1	6
16 BL100N 98+00E	2	7	4	39	.5	6	3	102	.93	5	5	2	1	6	.2	2	2	31	.08	.043	6	11	.06	14	.04	5	.44	.03	.04	1	5
16 BL100N 98E	5	33	19	55	1.0	65	11	330	9.90	19	5	2	2	4	.3	2	2	179	.04	.139	7	183	.75	34	.09	2	2.04	.01	.01	2	4
16 BL100N 98+25E	1	5	2	28	.5	2	1	73	.52	2	5	2	1	10	.2	2	2	17	.14	.041	4	7	.04	20	.03	5	.28	.02	.05	2	1
16 BL100N 98+50E	9	11	9	42	2.0	6	2	87	1.16	7	5	2	1	6	.2	2	2	56	.04	.044	7	15	.04	23	.04	3	.49	.03	.04	1	1
16 BL100N 98+75E	15	18	11	64	1.9	9	5	312	2.97	14	5	2	1	7	.4	2	2	49	.12	.157	7	16	.06	47	.04	3	.72	.02	.04	1	5
16 BL100N 99E	1	7	3	52	.2	3	1	61	.52	2	5	2	1	25	.2	2	2	9	.20	.063	3	6	.05	121	.05	2	.31	.04	.04	1	3
16 BL100N 99+25E	1	10	3	36	.3	17	3	224	1.00	2	5	2	1	6	.3	2	2	20	.11	.042	6	36	.20	37	.09	2	.44	.05	.05	1	3
16 BL100N 99+50E	1	6	4	68	.2	6	2	65	.73	2	5	2	1	11	.2	2	2	16	.11	.035	5	11	.04	52	.06	3	.29	.04	.03	1	6
16 BL100N 99+75E	1	17	11	24	.6	12	2	65	.73	2	5	2	1	14	.3	2	2	27	.08	.019	8	29	.11	24	.04	2	.65	.02	.03	1	1
16 BL100N 100E	2	7	2	48	.6	4	2	96	.80	2	5	2	1	7	.2	2	2	16	.10	.050	4	10	.04	21	.08	3	.24	.03	.06	1	1
16 BL100N 100E	1	7	2	19	.1	1	1	31	.54	2	5	2	1	7	.2	2	3	17	.04	.018	9	7	.03	17	.01	3	.65	.01	.03	1	2

APPENDIX 3
SUMMARY STATISTICS AND HISTOGRAMS

11:25:05 SOIL GEOCHEMISTRY - LARK PROPERTY - R9003-16 11/12/9(

##

PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = 16-SOILS.DAT

Variable = Au Unit = ppb N = 506
N CI = 28

Transform = Logarithmic Number of Populations = 2

# of Missing Observations = 0.

==========

Class Interval Data Maximum Likelihood Parameter Estimates

Maximum LN Likelihood Value = -1437.338

Parameterized Degrees of Freedom = 3

Population	Mean		Std Dev	Percentage
1	7.879	-	2.537	98.98
		+	24.465	
2	177.373	-	59.601	1.02
		+	527.861	

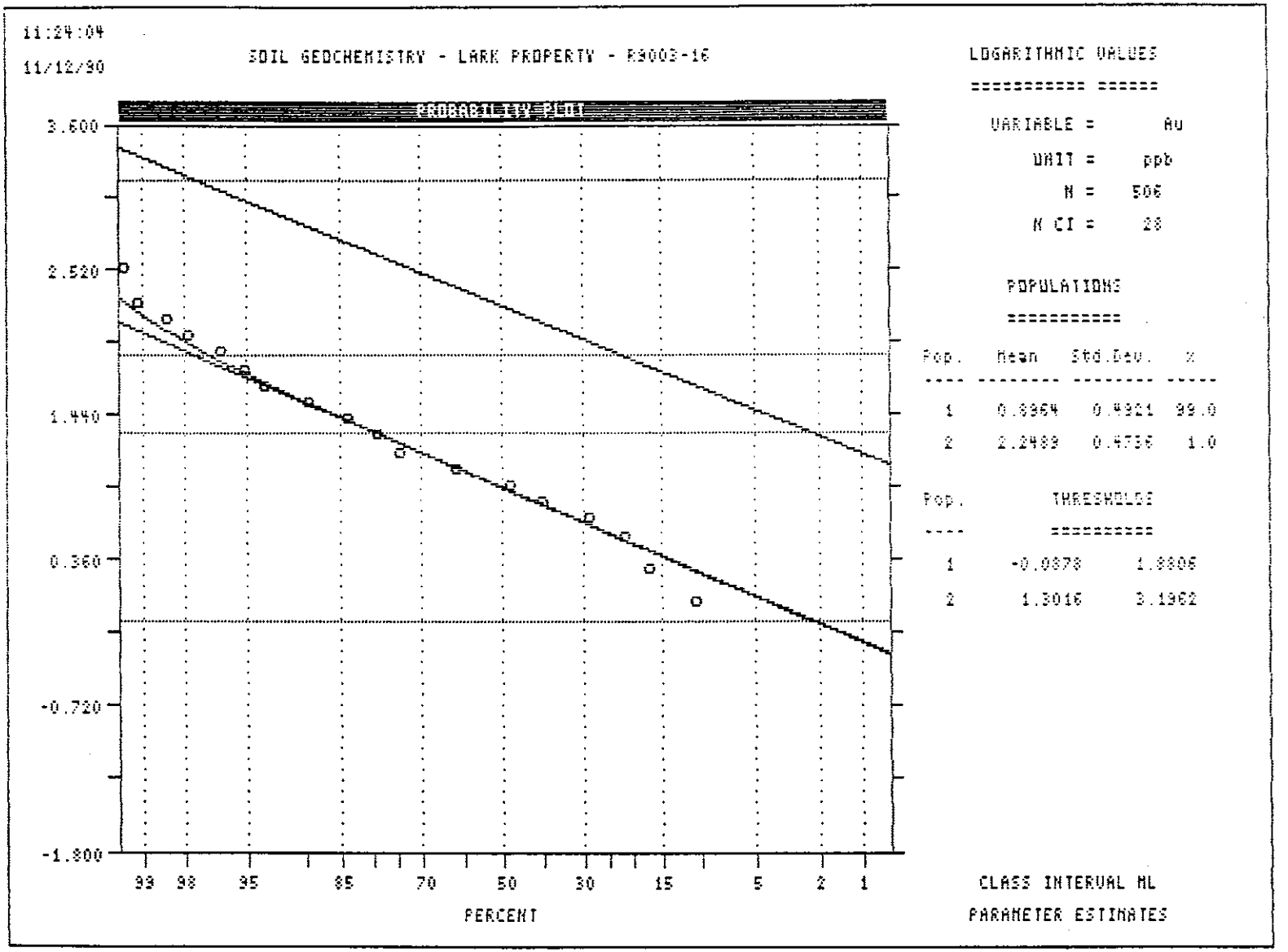
==========

Default Thresholds.

Standard Deviation Multiplier = 2.0

Pop.	Thresholds	
1	0.817	75.971
2	20.027	1570.911

##


11:24:04
11/12/90
SOIL GEOCHEMISTRY - LARK PROPERTY - R9003-16
PROBABILITY PLOT
3.600
2.520
1.440
0.360
-0.720
-1.800
99
98
95
85
70
50
30
15
5
2
1
PERCENT
LOGARITHMIC VALUES
VARIABLE = Au
UNIT = ppb
N = 506
N CI = 28
POPULATIONS
Pop. Mean Std.Dev. %
1 0.0964 0.4921 99.0
2 2.2489 0.4736 1.0
Pop. THRESHOLDS
1 -0.0878 1.8806
2 1.3016 3.1962
CLASS INTERVAL ML
PARAMETER ESTIMATES

16:32:38 SOIL GEOCHEMISTRY - LARK PROPERTY - R9003-16 11/10/9

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUE

Variable = Au Unit = ppb N = 506

Mean =	0.9203	Min =	0.0000	1st Quartile =	0.6021
Std. Dev. =	0.5294	Max =	3.3502	Median =	0.9542
CV % =	57.5325	Skewness =	0.3839	3rd Quartile =	1.2041

Anti-Log Mean = 8.323 Anti-Log Std. Dev. : (-) 2.459
(+) 28.165

%	cum %	antilog	cls int	(# of bins = 28 - bin size = 0.1241)
0.00	0.10	0.867	-0.0620	
10.47	10.55	1.154	0.0620	**********
0.00	10.55	1.535	0.1861	
6.32	16.86	2.043	0.3102	**********
0.00	16.86	2.718	0.4343	
4.55	21.40	3.617	0.5584	*********
7.31	28.70	4.813	0.6825	**********
11.07	39.74	6.405	0.8065	**********
7.91	47.63	8.524	0.9306	**********
14.23	61.83	11.342	1.0547	**********
12.65	74.46	15.094	1.1788	**********
4.74	79.19	20.085	1.3029	**********
5.14	84.32	26.727	1.4270	**********
5.14	89.45	35.566	1.5510	**********
4.35	93.79	47.329	1.6751	*********
1.38	95.17	62.981	1.7992	***
1.38	96.55	83.809	1.9233	***
1.38	97.93	111.525	2.0474	***
0.59	98.52	148.408	2.1715	*
0.59	99.11	197.488	2.2955	*
0.00	99.11	262.799	2.4196	
0.20	99.31	349.709	2.5437	
0.20	99.51	465.361	2.6678	
0.00	99.51	619.260	2.7919	
0.00	99.51	824.056	2.9160	
0.00	99.51	1096.579	3.0400	
0.00	99.51	1459.228	3.1641	
0.20	99.70	1941.808	3.2882	
0.20	99.90	2583.983	3.4123	

0 1 2 3

Each "*" represents approximately 2.4 observations

PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = 16-SOILS.DAT

Variable = Ag Unit = ppm N = 506
N CI = 28

Transform = Logarithmic Number of Populations = 2

# of Missing Observations = 0.

Class Interval Data Maximum Likelihood Parameter Estimates

Maximum LN Likelihood Value = -1577.878

Parameterized Degrees of Freedom = 3

Population	Mean		Std Dev	Percentage
1	0.431	-	0.160	95.95
		+	1.165	
2	2.430	-	1.476	4.05
		+	4.000	

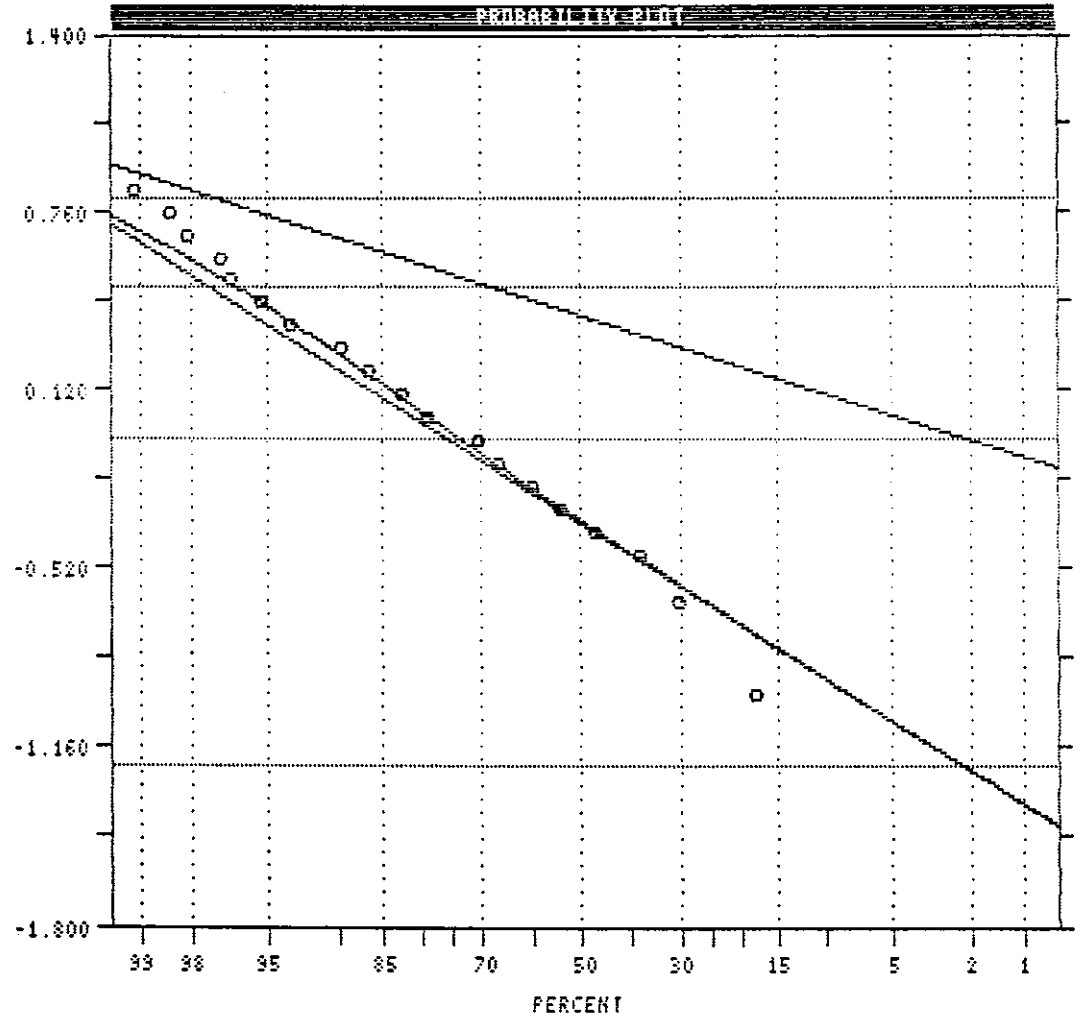
Default Thresholds.

Standard Deviation Multiplier = 2.0

Pop.	Thresholds	
1	0.059	3.144
2	0.897	6.584

09:37:58
11/16/90

SOIL GEOCHEMISTRY - LARK PROPERTY - R9003-16



LOGARITHMIC VALUES

VARIABLE = Ag
UNIT = ppm
N = 506
N CI = 28

POPULATIONS

Pop.	Mean	Std.Dev.	%
1	-0.3651	0.4313	96.0
2	0.3656	0.2154	4.0

Pop.	THRESHOLDS
1	-1.2270 0.4375
2	-0.0473 0.8185

CLASS INTERVAL ML
PARAMETER ESTIMATES

09:08:09 SOIL GEOCHEMISTRY - LARK PROPERTY - R9003-16 11/16/9(

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUES

Variable = Ag Unit = ppm N = 506

Mean =	-0.3274	Min =	-1.0000	1st Quartile =	-0.6990
Std. Dev. =	0.4598	Max =	1.2227	Median =	-0.3010
CV % =	140.4373	Skewness =	0.2434	3rd Quartile =	0.0000

Anti-Log Mean = 0.471 Anti-Log Std. Dev. : (-) 0.163
(+) 1.356

%	cum %	antilog	cls int	(# of bins = 28 - bin size = 0.0823)
0.00	0.10	0.091	-1.0412	
17.79	17.85	0.110	-0.9588	************************************
0.00	17.85	0.133	-0.8765	
0.00	17.85	0.161	-0.7942	
0.00	17.85	0.194	-0.7119	
12.65	30.47	0.235	-0.6295	**************************
0.00	30.47	0.284	-0.5472	
7.51	37.97	0.343	-0.4649	*****************
9.09	47.04	0.414	-0.3826	********************
7.11	54.14	0.501	-0.3003	***************
5.73	59.86	0.605	-0.2179	************
6.72	66.57	0.732	-0.1356	**************
3.95	70.51	0.885	-0.0533	********
8.70	79.19	1.069	0.0290	******************
3.56	82.74	1.292	0.1114	*******
3.95	86.69	1.562	0.1937	********
2.96	89.64	1.888	0.2760	******
3.95	93.59	2.282	0.3583	********
1.78	95.36	2.758	0.4406	****
1.38	96.75	3.334	0.5230	***
0.40	97.14	4.030	0.6053	*
0.99	98.13	4.871	0.6876	**
0.40	98.52	5.888	0.7699	*
0.59	99.11	7.116	0.8523	*
0.40	99.51	8.602	0.9346	*
0.00	99.51	10.397	1.0169	
0.00	99.51	12.567	1.0992	
0.20	99.70	15.190	1.1816	
0.20	99.90	18.360	1.2639	

0 1 2 3 4

Each "*" represents approximately 2.4 observations.

##

PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = 16-SOILS.DAT

Variable = Mo Unit = ppm N = 506
N CI = 28

Transform = Logarithmic Number of Populations = 2

# of Missing Observations = 0.

==========

Class Interval Data Maximum Likelihood Parameter Estimates

Maximum LN Likelihood Value = -1506.892

Parameterized Degrees of Freedom = 3

Population	Mean		Std Dev	Percentage
1	2.627	-	1.334	87.76
		+	5.172	
2	24.917	-	13.167	12.24
		+	47.154	

==========

Default Thresholds.

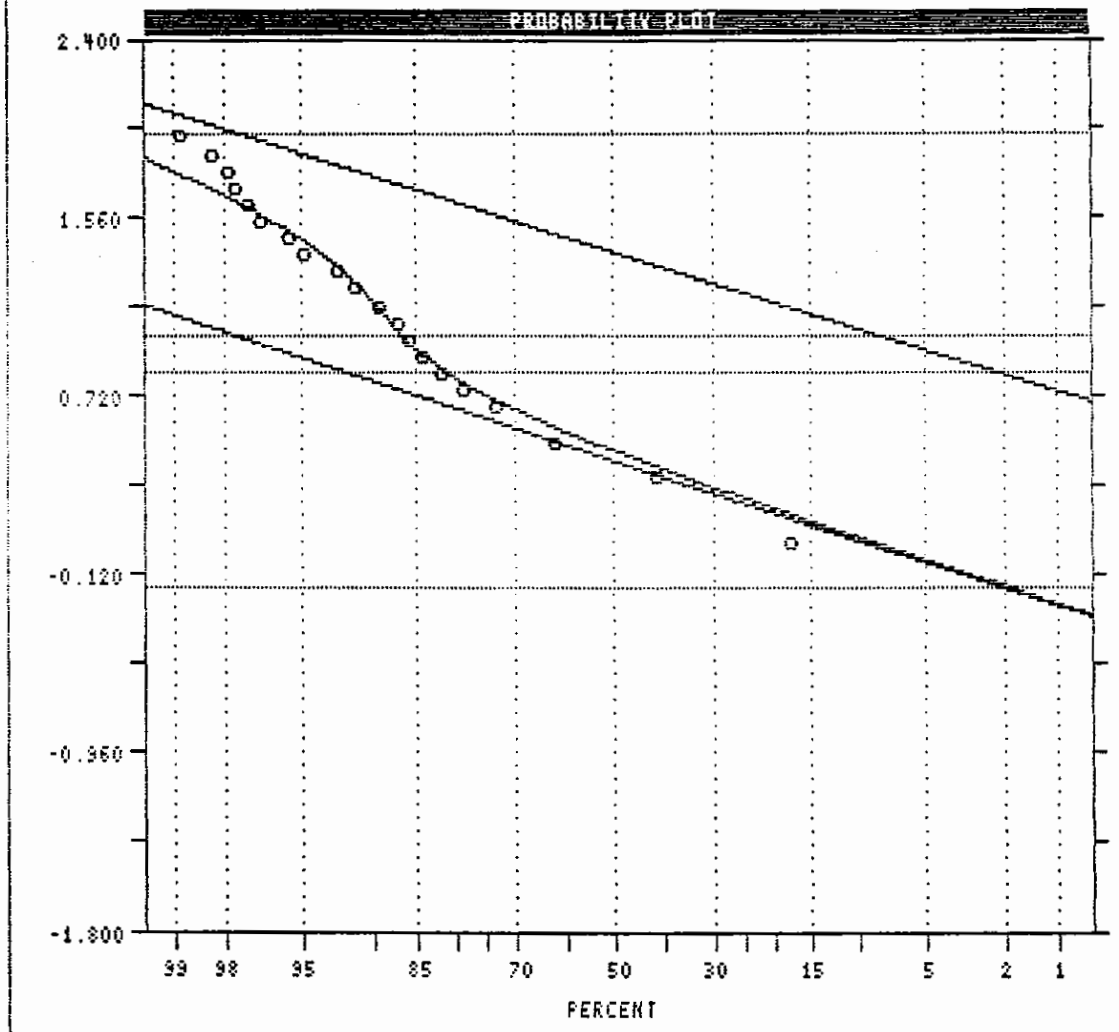
Standard Deviation Multiplier = 2.0

Pop.	Thresholds	
1	0.678	10.184
2	6.957	89.236

##

10:01:04
11/16/90

SOIL GEOCHEMISTRY - LARK PROPERTY - 93003-16



LOGARITHMIC VALUES

VARIABLE = Mo
UNIT = ppm
N = 506
N CI = 28

POPULATIONS

Pop.	Mean	Std.Dev.	%
1	0.4195	0.2942	87.8
2	1.3965	0.2770	12.2

Pop.	THRESHOLDS	
1	-0.1689	1.0079
2	0.8425	1.9505

CLASS INTERVAL ML
PARAMETER ESTIMATES

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUE

Variable =	Mo	Unit =	ppm	N =	506
Mean =	0.5317	Min =	0.0000	1st Quartile =	0.3010
Std. Dev. =	0.4296	Max =	2.1492	Median =	0.4771
CV % =	80.7964	Skewness =	1.1675	3rd Quartile =	0.6990
Anti-Log Mean =	3.402	Anti-Log Std. Dev. :	(-)		1.265
			(+)		9.146

(# of bins = 28 - bin size = 0.0796

%	cum %	antilog	cls int	
0.00	0.10	0.912	-0.0398	
17.39	17.46	1.096	0.0398	**********
0.00	17.46	1.316	0.1194	
0.00	17.46	1.581	0.1990	
0.00	17.46	1.899	0.2786	
23.52	40.93	2.281	0.3582	********** --> 4
0.00	40.93	2.740	0.4378	
21.15	62.03	3.292	0.5174	********** --> 4
0.00	62.03	3.954	0.5970	
11.26	73.27	4.749	0.6766	**********
5.53	78.80	5.704	0.7562	**********
3.16	81.95	6.852	0.8358	*******
2.57	84.52	8.230	0.9154	*****
1.58	86.09	9.886	0.9950	***
1.19	87.28	11.874	1.0746	**
1.98	89.25	14.263	1.1542	****
2.17	91.42	17.132	1.2338	****
1.38	92.80	20.578	1.3134	***
2.17	94.97	24.718	1.3930	****
0.79	95.76	29.690	1.4726	**
1.19	96.94	35.663	1.5522	**
0.40	97.34	42.837	1.6318	*
0.40	97.73	51.454	1.7114	*
0.20	97.93	61.804	1.7910	
0.40	98.32	74.236	1.8706	*
0.59	98.92	89.170	1.9502	*
0.79	99.70	107.107	2.0298	**
0.00	99.70	128.653	2.1094	
0.20	99.90	154.532	2.1890	

0 1 2 3

Each "*" represents approximately 2.4 observations

##

PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = 16-SOILS.DAT

Variable = Cu Unit = ppm N = 506
N CI = 28

Transform = Logarithmic Number of Populations = 2

# of Missing Observations = 0.

==========

Class Interval Data Maximum Likelihood Parameter Estimates

Maximum LN Likelihood Value = -1385.193

Parameterized Degrees of Freedom = 3

Population	Mean		Std Dev	Percentage
1	28.411	-	11.118	98.49
		+	72.602	
2	432.714	-	208.852	1.51
		+	896.527	

==========

Default Thresholds.

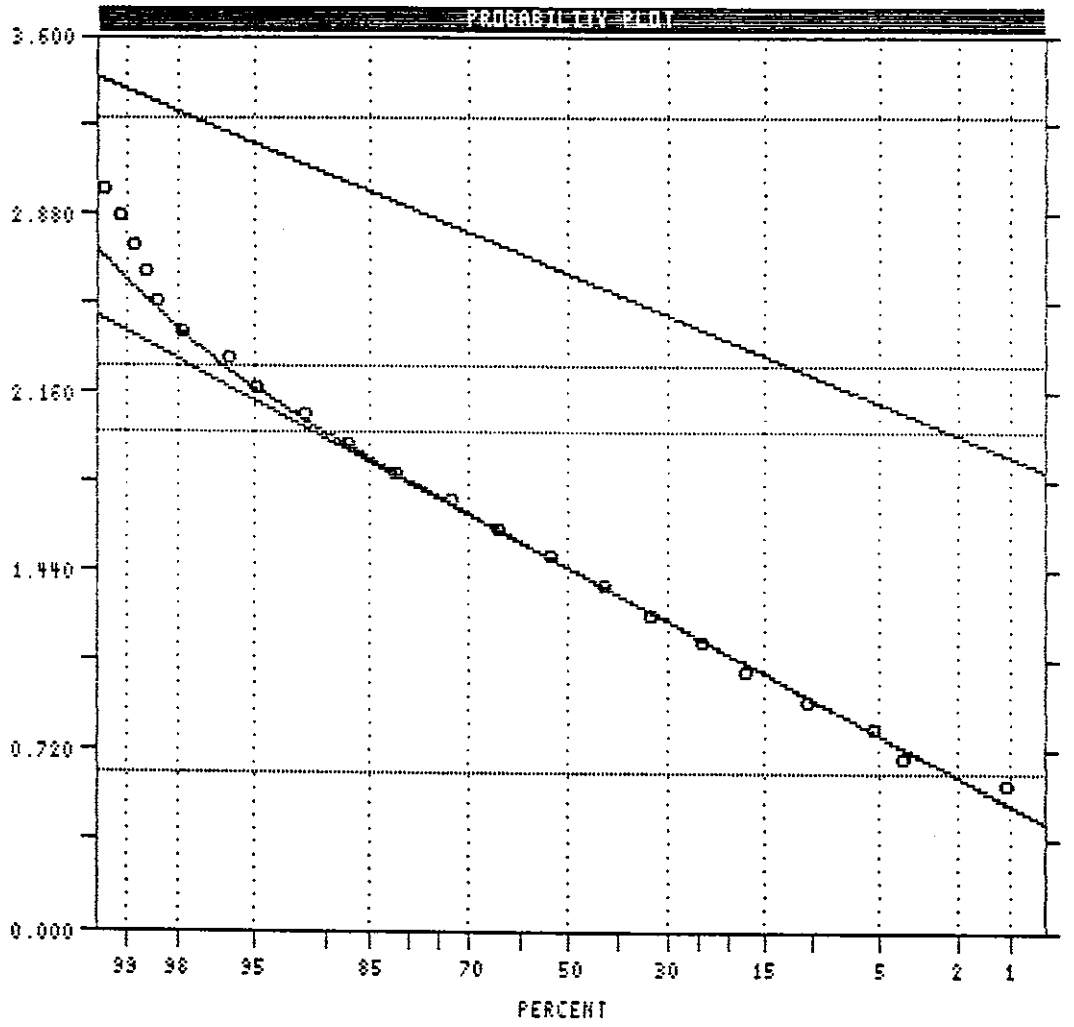
Standard Deviation Multiplier = 2.0

Pop.	Thresholds	
1	4.351	185.526
2	100.804	1857.485

##

16:39:34
11/10/90

SOIL GEOCHEMISTRY - LARK PROPERTY - R9003-16



LOGARITHMIC VALUES

VARIABLE = Cu

UNIT = ppm

N = 506

N CI = 20

POPULATIONS

Pop.	Mean	Std.Dev.	%
1	1.4535	0.4075	98.5
2	2.6362	0.3164	1.5

Pop.	THRESHOLDS	
1	0.6386	2.2684
2	2.0035	3.2689

CLASS INTERVAL ML

PARAMETER ESTIMATES

16:41:24 SOIL GEOCHEMISTRY - LARK PROPERTY - R9003-16 11/10/9

##########

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUE

Variable = Cu Unit = ppm N = 506

Mean =	1.4785	Min =	0.3010	1st Quartile =	1.1761
Std. Dev. =	0.4429	Max =	3.4017	Median =	1.4771
CV % =	29.9574	Skewness =	0.4268	3rd Quartile =	1.7559

Anti-Log Mean = 30.097 Anti-Log Std. Dev. : (-) 10.854
(+) 83.454

%	cum %	antilog	cls int	(# of bins = 28 - bin size = 0.1148
0.00	0.10	1.752	0.2436	
0.20	0.30	2.283	0.3585	
0.00	0.30	2.974	0.4733	
0.79	1.08	3.874	0.5881	**
2.77	3.85	5.046	0.7030	******
1.58	5.42	6.574	0.8178	***
4.94	10.36	8.564	0.9327	**********
7.11	17.46	11.156	1.0475	**********
6.72	24.16	14.532	1.1623	**********
9.29	33.43	18.931	1.2772	**********
8.70	42.11	24.662	1.3920	**********
11.66	53.75	32.127	1.5069	**********
10.67	64.40	41.851	1.6217	**********
8.70	73.08	54.519	1.7365	**********
8.89	81.95	71.021	1.8514	**********
5.73	87.67	92.519	1.9662	**********
4.15	91.81	120.523	2.0811	*********
3.16	94.97	157.004	2.1959	*******
1.38	96.35	204.528	2.3108	***
1.58	97.93	266.437	2.4256	***
0.59	98.52	347.085	2.5404	*
0.20	98.72	452.144	2.6553	
0.20	98.92	589.004	2.7701	
0.20	99.11	767.289	2.8850	
0.20	99.31	999.541	2.9998	
0.40	99.70	1302.092	3.1146	*
0.00	99.70	1696.224	3.2295	
0.00	99.70	2209.655	3.3443	
0.20	99.90	2878.497	3.4592	

0 1 2 3

Each "*" represents approximately 2.4 observations

##########

##

PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = 16-SOILS.DAT

Variable = Pb Unit = ppm N = 505
N CI = 28

Transform = Logarithmic Number of Populations = 2

# of Missing Observations = 0.

0 Observations Were Below the Minimum Value of 1.0000
1 Observations Were Above the Maximum Value of 500.0000

==========

Class Interval Data Maximum Likelihood Parameter Estimates

Maximum LN Likelihood Value = -1526.177

Parameterized Degrees of Freedom = 3

Population	Mean		Std Dev	Percentage
1	13.803	-	5.367	99.47
		+	35.499	
2	124.319	-	85.053	0.53
		+	181.715	

==========

Default Thresholds.

Standard Deviation Multiplier = 2.0

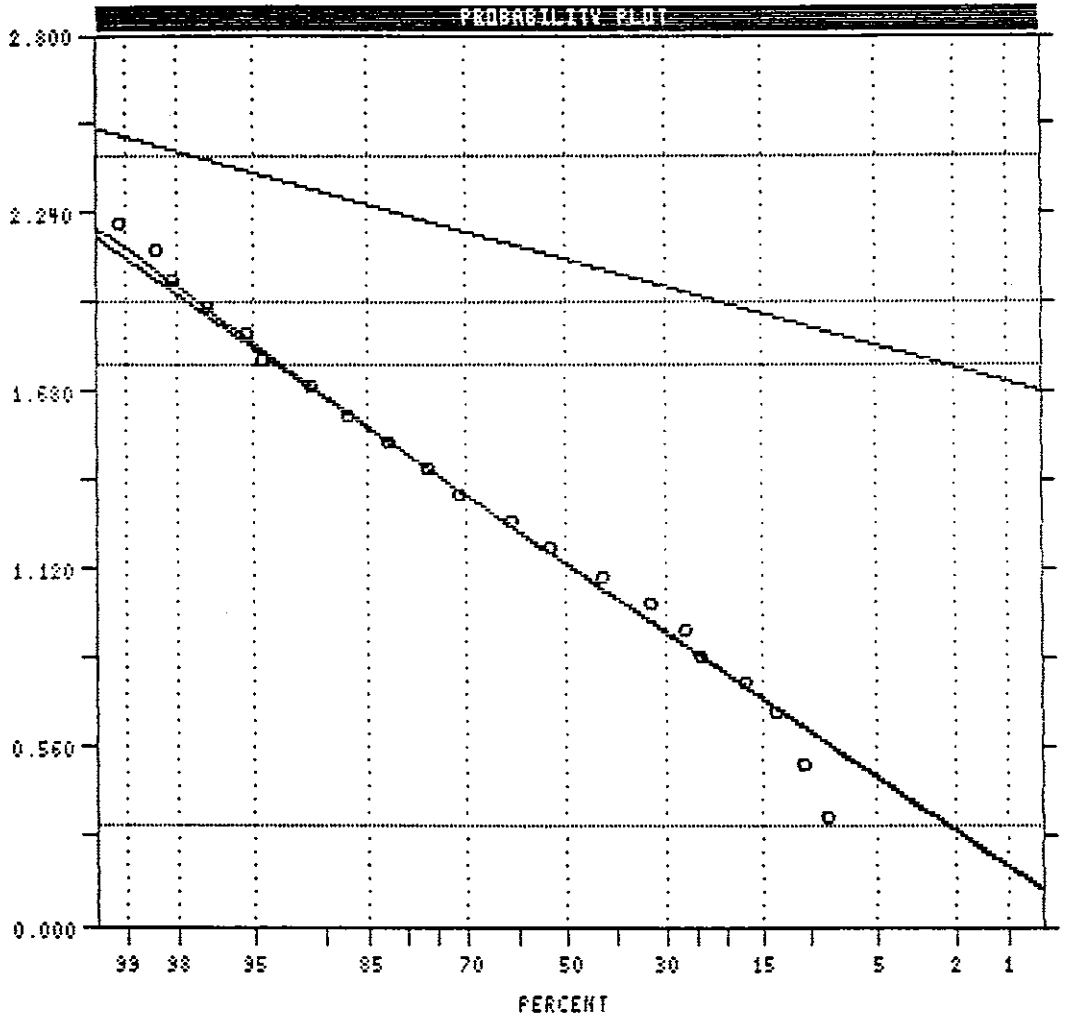
Pop.	Thresholds	
1	2.087	91.294
2	58.189	265.608

##

11:45:58

11/12/90

SOIL GEOCHEMISTRY - LARK PROPERTY - R3003-16



LOGARITHMIC VALUES

VARIABLE = Pb

UNIT = ppm

N = 505

N CI = 28

POPULATIONS

Pop.	Mean	Std.Dev.	%
1	1.1400	0.4102	99.5
2	2.0945	0.1549	0.5

Pop.	THRESHOLDS	
1	0.3195	1.9604
2	1.7648	2.4242

CLASS INTERVAL ML

PARAMETER ESTIMATES

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALU

Variable =	Pb	Unit =	ppm	N =	505
Mean =	1.1476	Min =	0.3010	1st Quartile =	0.903
Std. Dev. =	0.4317	Max =	2.5944	Median =	1.146
CV % =	37.6127	Skewness =	-0.0903	3rd Quartile =	1.431

Anti-Log Mean = 14.049 Anti-Log Std. Dev. : (-) 5.20
(+) 37.95

%	cum %	antilog	cls int	(# of bins = 28 - bin size = 0.084
0.00	0.10	1.814	0.2586	
8.32	8.40	2.205	0.3435	******************
0.00	8.40	2.682	0.4284	
2.18	10.57	3.261	0.5134	****
0.00	10.57	3.966	0.5983	
2.97	13.54	4.822	0.6833	******
3.76	17.29	5.864	0.7682	********
6.73	24.01	7.131	0.8531	***************
2.57	26.58	8.671	0.9381	*****
6.34	32.91	10.544	1.0230	*************
9.50	42.39	12.822	1.1080	*********************
10.89	53.26	15.592	1.1929	************************
7.92	61.17	18.960	1.2778	*****************
9.90	71.05	23.055	1.3628	*********************
5.54	76.58	28.036	1.4477	**********
5.94	82.51	34.092	1.5327	**********
4.95	87.45	41.456	1.6176	**********
3.56	91.01	50.411	1.7025	*******
3.56	94.57	61.301	1.7875	*******
0.79	95.36	74.543	1.8724	**
1.78	97.13	90.646	1.9573	****
0.99	98.12	110.227	2.0423	**
0.40	98.52	134.037	2.1272	*
0.59	99.11	162.992	2.2122	*
0.40	99.51	198.201	2.2971	*
0.20	99.70	241.015	2.3820	
0.00	99.70	293.078	2.4670	
0.00	99.70	356.388	2.5519	
0.20	99.90	433.373	2.6369	

0 1 2 3

Each "*" represents approximately 2.4 observation

09:29:25 SOIL GEOCHEMISTRY - LARK PROPERTY - R9003-16 11/16/9

##

PARAMETER SUMMARY STATISTICS FOR PROBABILITY PLOT ANALYSIS

Data File Name = 16-SOILS.DAT

Variable = Zn Unit = ppm N = 506
N CI = 28

Transform = Logarithmic Number of Populations = 2

# of Missing Observations = 0.

==========

Class Interval Data Maximum Likelihood Parameter Estimates

Maximum LN Likelihood Value = -1389.340

Parameterized Degrees of Freedom = 3

Population	Mean		Std Dev	Percentage
1	106.517	-	43.828	96.51
		+	258.874	
2	1282.004	-	574.068	3.49
		+	2862.964	

==========

Default Thresholds.

Standard Deviation Multiplier = 2.0

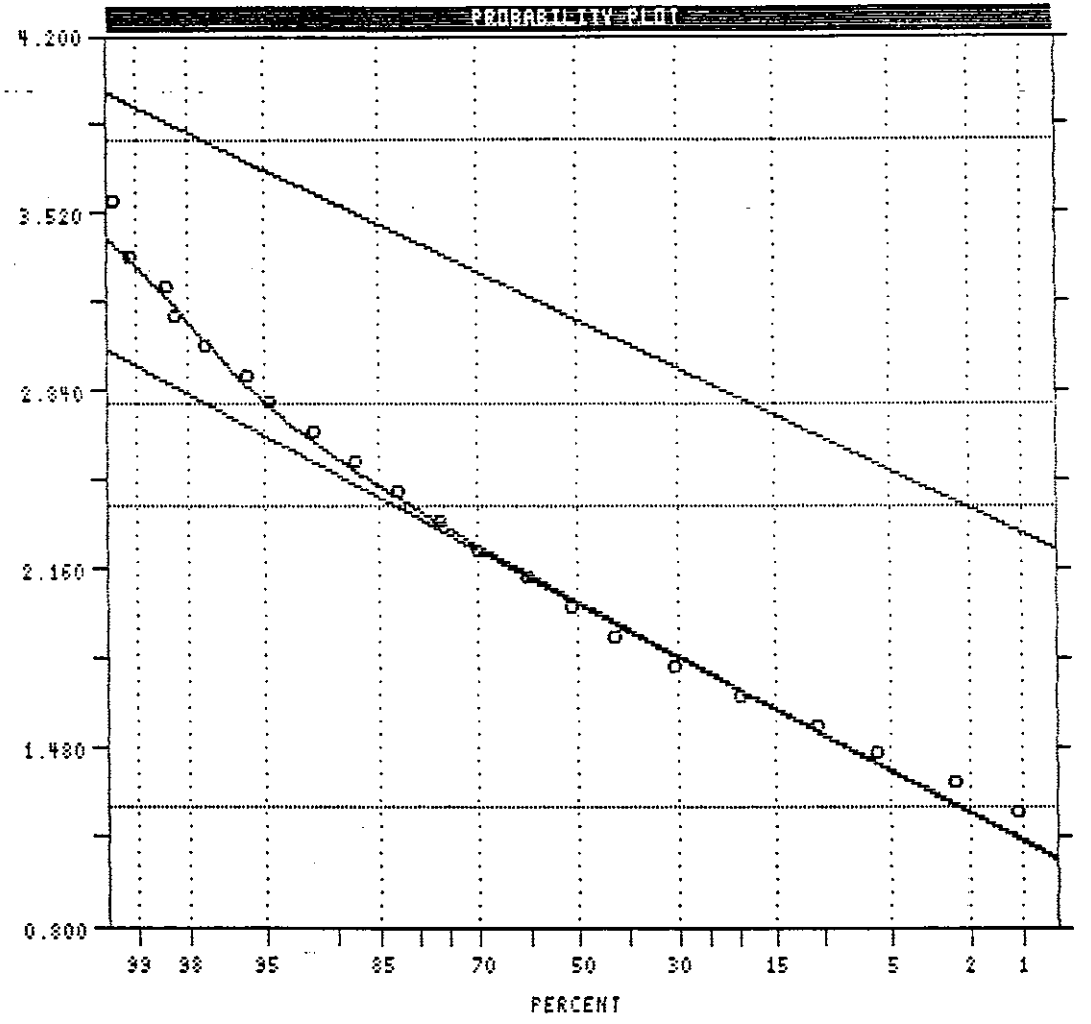
Pop.	Thresholds	
1	18.033	629.156
2	257.061	6393.552

##

09:25:03

11/16/90

SOIL GEOCHEMISTRY - LARK PROPERTY - R9003-16



LOGARITHMIC VALUES

VARIABLE = Zn

UNIT = ppm

N = 506

N CI = 28

POPULATIONS

Pop.	Mean	Std.Dev.	%
1	2.0274	0.3857	96.5
2	3.1079	0.3489	3.5

Pop.	THRESHOLDS	
1	1.2581	2.7988
2	2.4100	3.8057

CLASS INTERVAL ML

PARAMETER ESTIMATES

09:27:26 SOIL GEOCHEMISTRY - LARK PROPERTY - R9003-16 11/16/9

##

SUMMARY STATISTICS and HISTOGRAM LOGARITHMIC VALUE

Variable = Zn Unit = ppm N = 506

Mean =	2.0615	Min =	1.0792	1st Quartile =	1.7404
Std. Dev. =	0.4394	Max =	4.0835	Median =	2.0043
CV % =	21.3159	Skewness =	0.8004	3rd Quartile =	2.3253

Anti-Log Mean = 115.212 Anti-Log Std. Dev. : (-) 41.886
(+) 316.904

%	cum %	antilog	cls int	(# of bins = 28 - bin size = 0.1113
0.00	0.10	10.557	1.0235	
0.20	0.30	13.640	1.1348	
0.79	1.08	17.623	1.2461	**
1.38	2.47	22.770	1.3574	***
3.36	5.82	29.419	1.4686	*******
4.74	10.55	38.011	1.5799	**********
9.09	19.63	49.111	1.6912	**********
11.26	30.87	63.453	1.8025	**********
11.66	42.50	81.983	1.9137	**********
8.89	51.38	105.925	2.0250	**********
9.09	60.45	136.858	2.1363	**********
9.68	70.12	176.824	2.2475	**********
6.52	76.63	228.462	2.3588	**********
6.13	82.74	295.180	2.4701	**********
5.14	87.87	381.382	2.5814	**********
3.95	91.81	492.756	2.6926	********
2.96	94.77	636.656	2.8039	******
1.19	95.96	822.578	2.9152	**
1.58	97.53	1062.796	3.0264	***
0.79	98.32	1373.164	3.1377	**
0.20	98.52	1774.168	3.2490	
0.59	99.11	2292.278	3.3603	*
0.00	99.11	2961.691	3.4715	
0.20	99.31	3826.593	3.5828	
0.00	99.31	4944.071	3.6941	
0.20	99.51	6387.887	3.8054	
0.20	99.70	8253.340	3.9166	
0.00	99.70	10663.560	4.0279	
0.20	99.90	13777.636	4.1392	

0 1 2 3

Each "*" represents approximately 2.4 observations

##

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,788

LEGEND

EARLY JURASSIC
COAST PLUTONIC COMPLEX

eJgd — medium grained, hornblende, biotite granodiorite.

MIDDLE TRIASSIC
HICKMAN BATHOLITH

mTd — medium to coarse grained, biotite, hornblende, augite diorite.

UPPER TRIASSIC
STUHINI GROUP

uTcg — conglomerate, dioritic fragments in a volcanic matrix.

uTv — andesitic, light to dark green pyroxene-porphyry flows, lapilli tuffs, breccias and fragmentals.

uTs — dark to medium grey, weakly gossanous siltstone and shale.

uTsl — extremely siliceous light green siltstone or chert.

PERMIAN
STIKINE ASSEMBLAGE

Pl — light grey to buff, massive to thickly bedded, bioclastic calcarenite.

Plp — Maroon to green coloured lapilli tuff and epiclastics.

SYMBOLS

- contact; defined, assumed
- fault; defined, assumed
- rock sample location
- soil sample location
- silt sample location
- bedding attitude
- vein attitude
- fault attitude

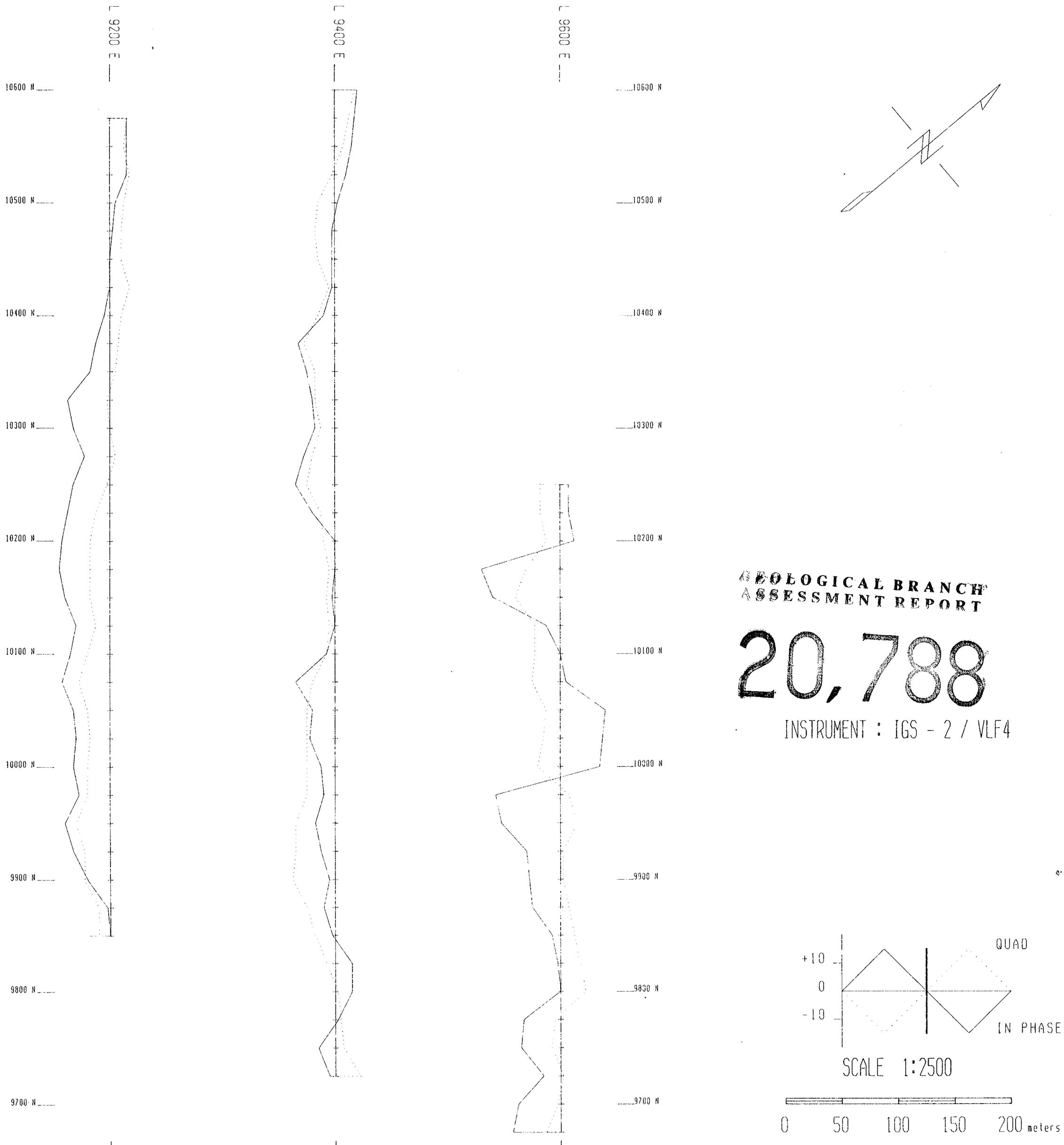
ABBREVIATIONS

PY	pyrite	PR	pyrrhotite
CP	chalcopyrite	MA	malachite
MP	maraposite	CB	carbonate
QZ	quartz	gos	gossanous
qvns	microveins	alt'n	alteration

SCALE 1:10,000

100 0 100 200 300 400 500
METERS

TICKER TAPE RESOURCES LTD.	
LARKSPUR PROPERTY	
PROPERTY GEOLOGY	
NTS: 104G/3	SCALE: 1:10,000
DATE: DEC/90	MAP NO: 4
QUEST CANADA EXPLORATIONS LTD.	



INSTRUMENT : IGS - 2 / VLF4

SCALE 1:2500

REVISIONS

By	Date	Approv.By

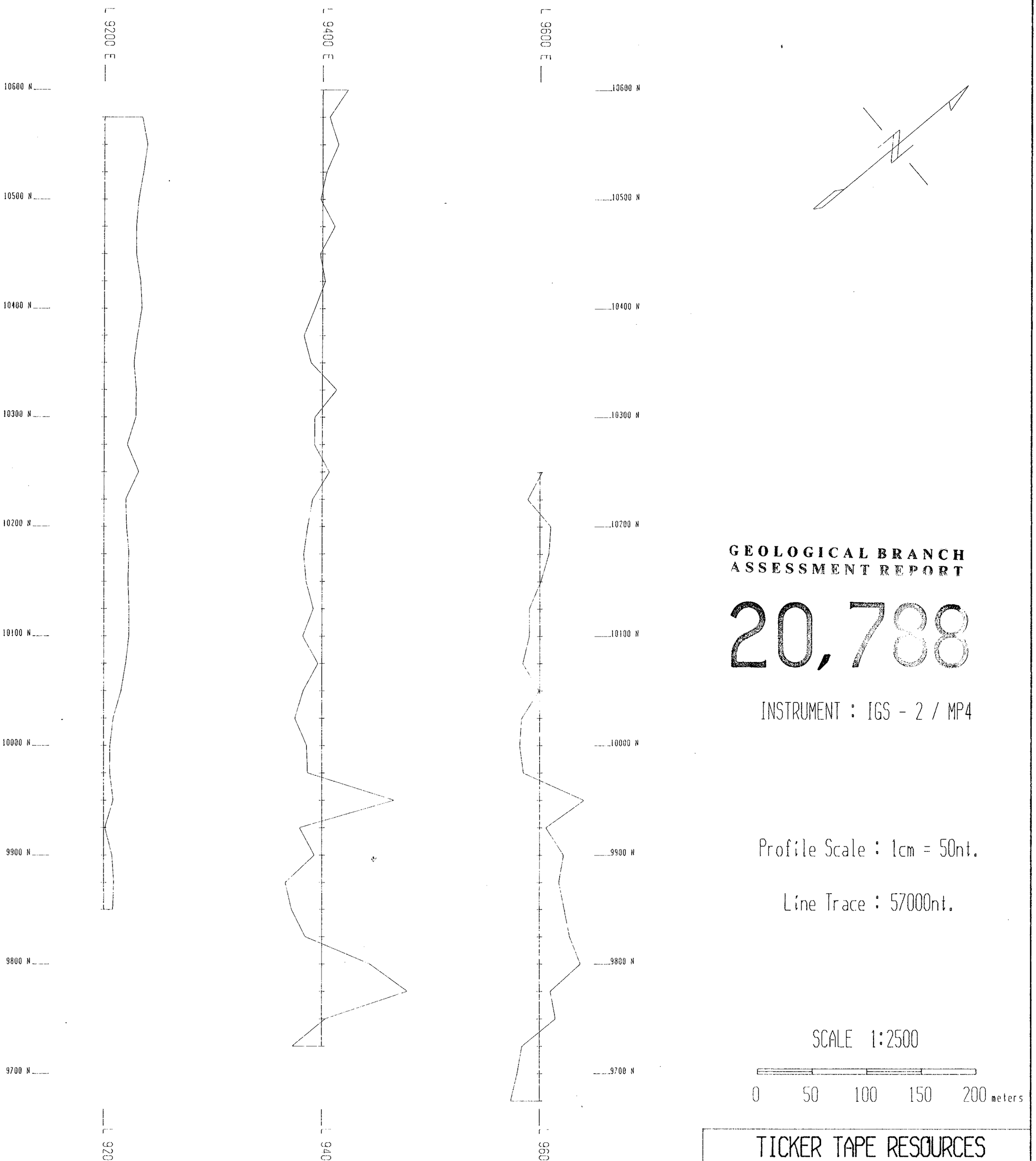
TICKER TAPE RESOURCES

LARKSPUR PROPERTY
VLF-EM
PROFILE MAP
HAWAII 23.4 kHz

To accompany a report by : A. WILKINS

Project No:		Report No:	
Mining Div:	Liard	N.T.S.:	104G/3
Date	December 1990	Map No:	13

QUEST CANADA EXPLORATION SERVICES INC.



GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,788

INSTRUMENT : IGS - 2 / MP4

Profile Scale : 1cm = 50nt.

Line Trace : 57000nt.

SCALE 1:2500

0 50 100 150 200 meters

REVISIONS

By	Date	Approv.By

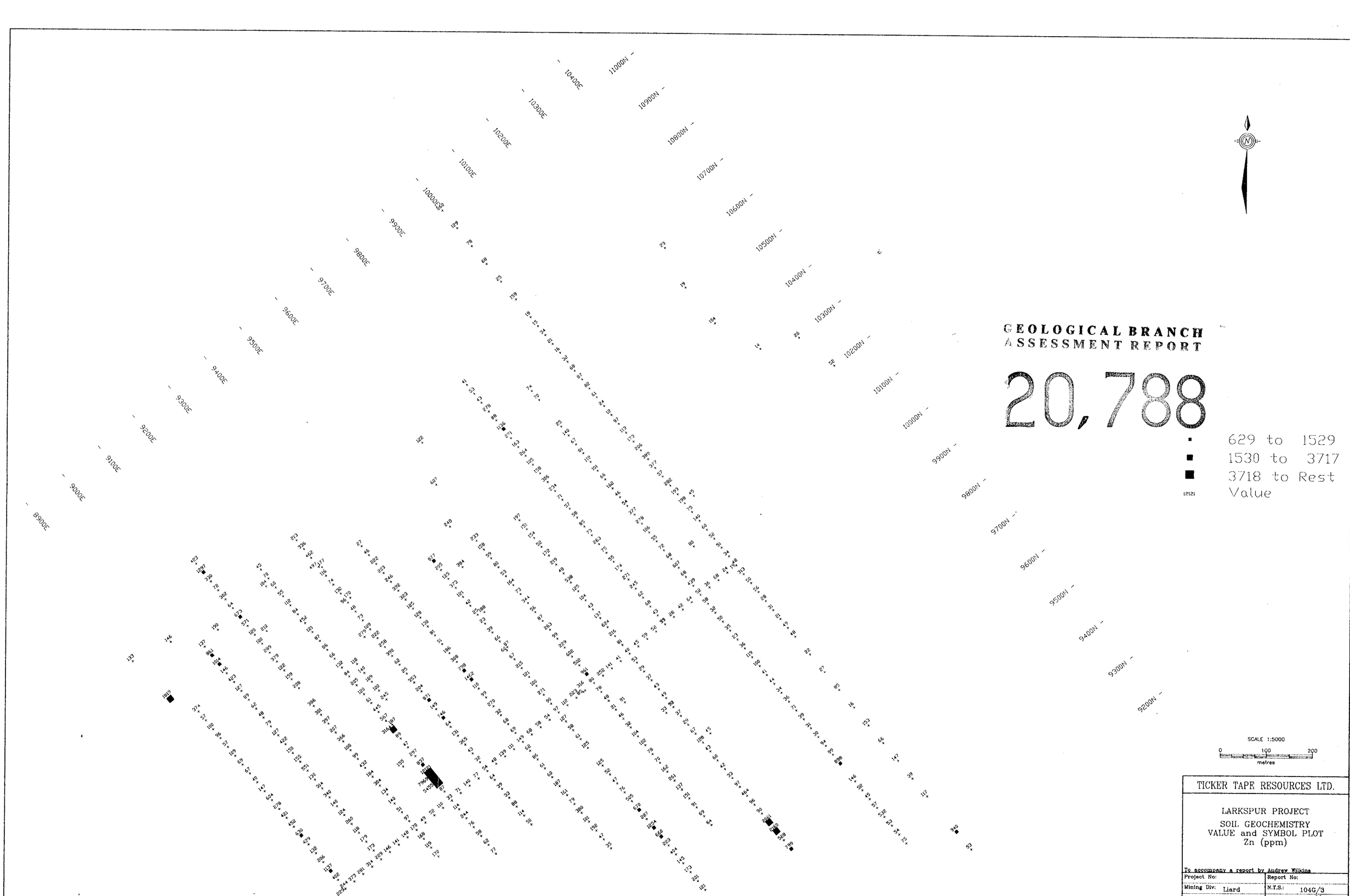
TICKER TAPE RESOURCES

LARKSPUR PROPERTY
TOTAL FIELD
MAGNETOMETER
PROFILE MAP

To accompany a report by : A. WILKINS

Project No:		Report No:	
Mining Div:	Liard	N.T.S.:	104G/3
Date	December 1990	Map No:	12

QUEST CANADA EXPLORATION SERVICES INC.



GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,788

▪	629 to 1529
■	1530 to 3717
■	3718 to Rest
12121	Value

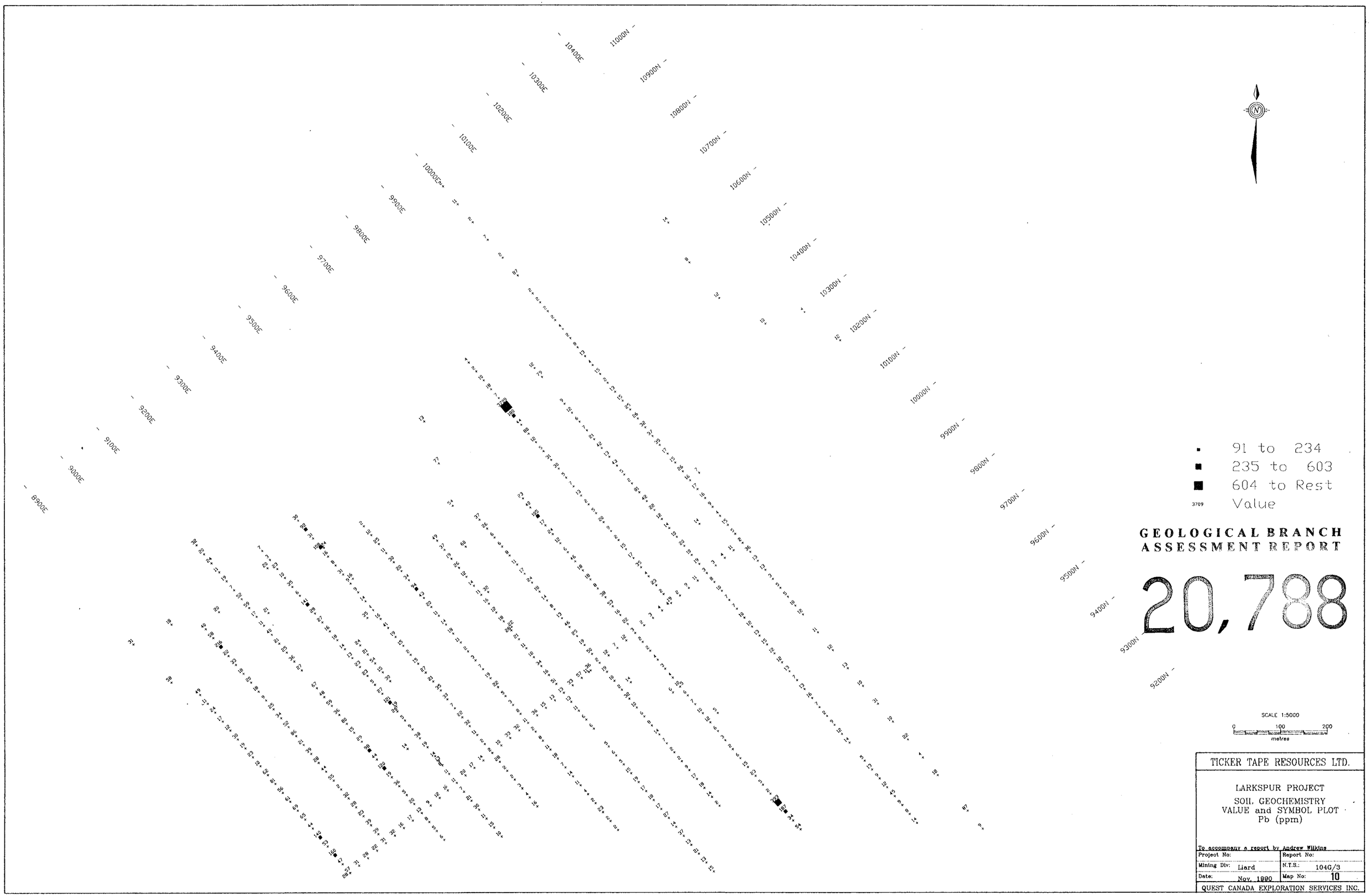
TICKER TAPE RESOURCES LTD.

LARKSPUR PROJECT
SOIL GEOCHEMISTRY
VALUE and SYMBOL PLOT
Zn (ppm)

To accompany a report by Andrew Wilkins

Project No:	Report No:
Mining Div: Liard	N.T.S.: 104G/3
Date: Nov. 1990	Map No: 11

QUEST CANADA EXPLORATION SERVICES INC.



GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,788

SCALE 1:5000

0 100 200
metres

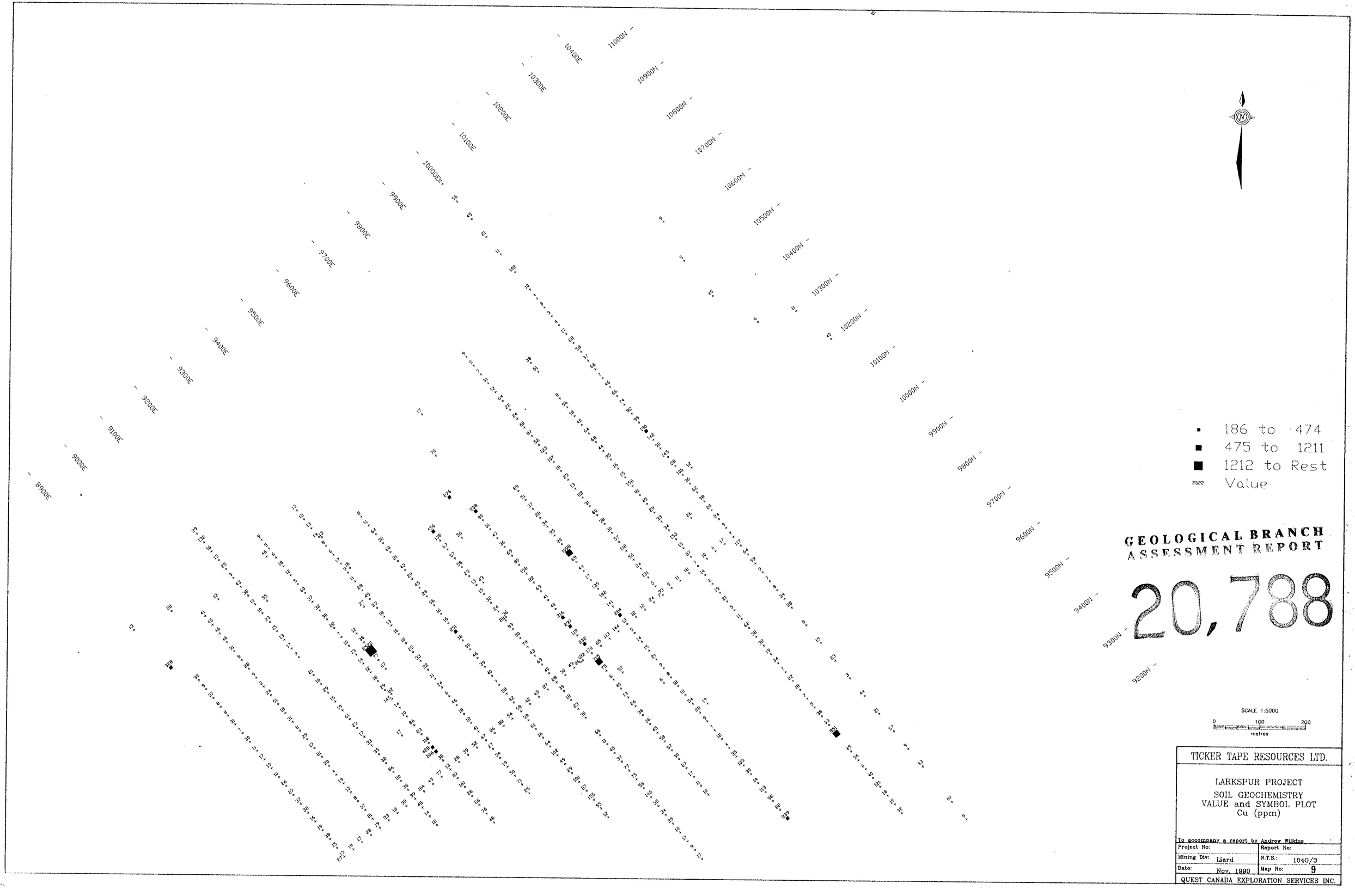
TICKER TAPE RESOURCES LTD.

LARKSPUR PROJECT
SOIL GEOCHEMISTRY
VALUE and SYMBOL PLOT
Pb (ppm)

To accompany a report by Andrew Wilkins

Project No:	Report No:
Mining Div: Liard	N.T.S.: 104G/3
Date: Nov. 1990	Map No: 10

QUEST CANADA EXPLORATION SERVICES INC.



GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,788

SCALE 1:5000

0 100 200
metres

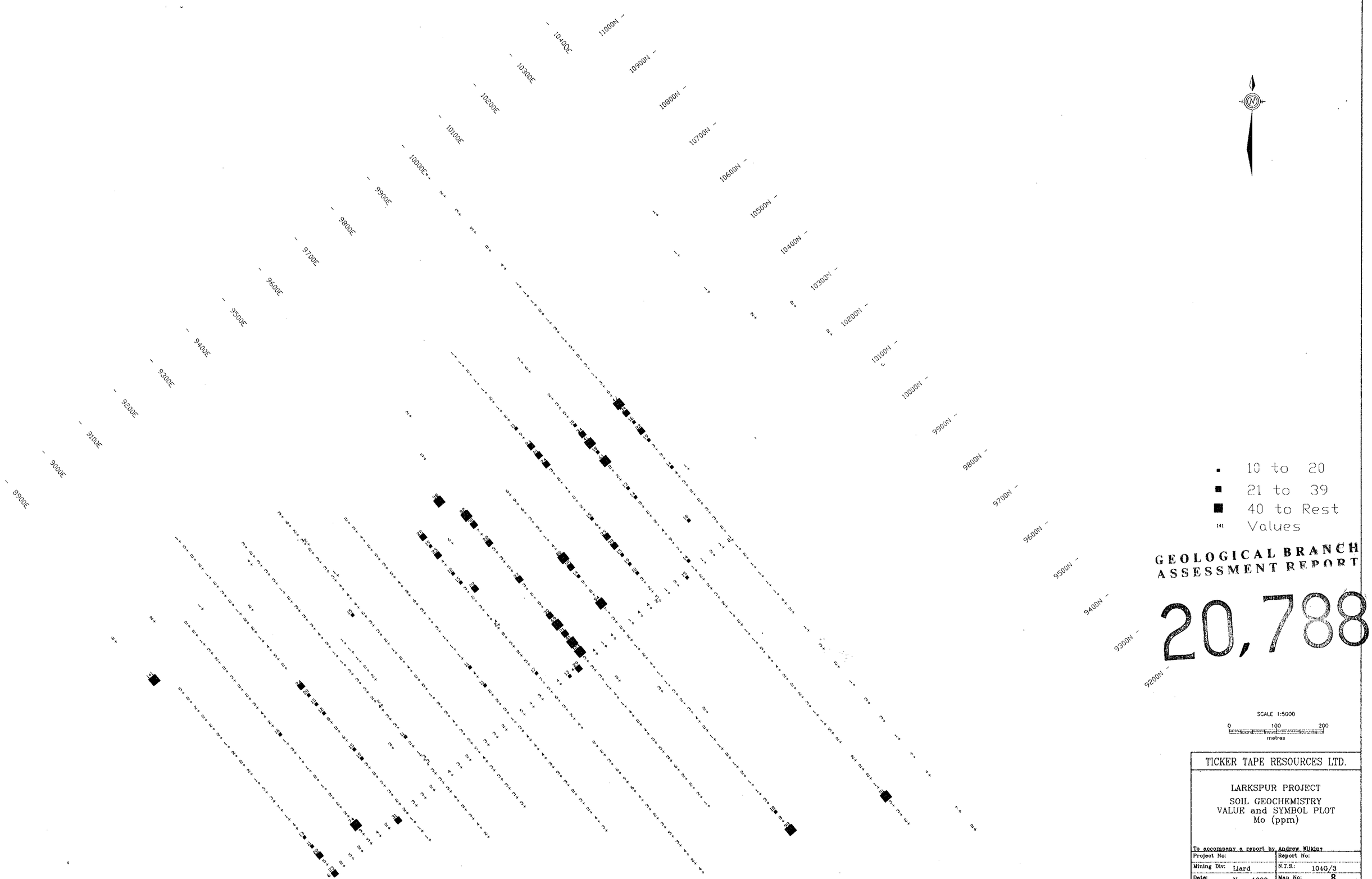
TICKER TAPE RESOURCES LTD.

LARKSPUR PROJECT
SOIL GEOCHEMISTRY
VALUE and SYMBOL PLOT
Cu (ppm)

To accompany a report by Andrew Wilkins

Project No:	Report No:
Mining Div: Liard	N.T.S.: 104G/3
Date: Nov. 1990	Map No: 9

QUEST CANADA EXPLORATION SERVICES INC.



GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,788

SCALE 1:5000

0 100 200
metres

TICKER TAPE RESOURCES LTD.

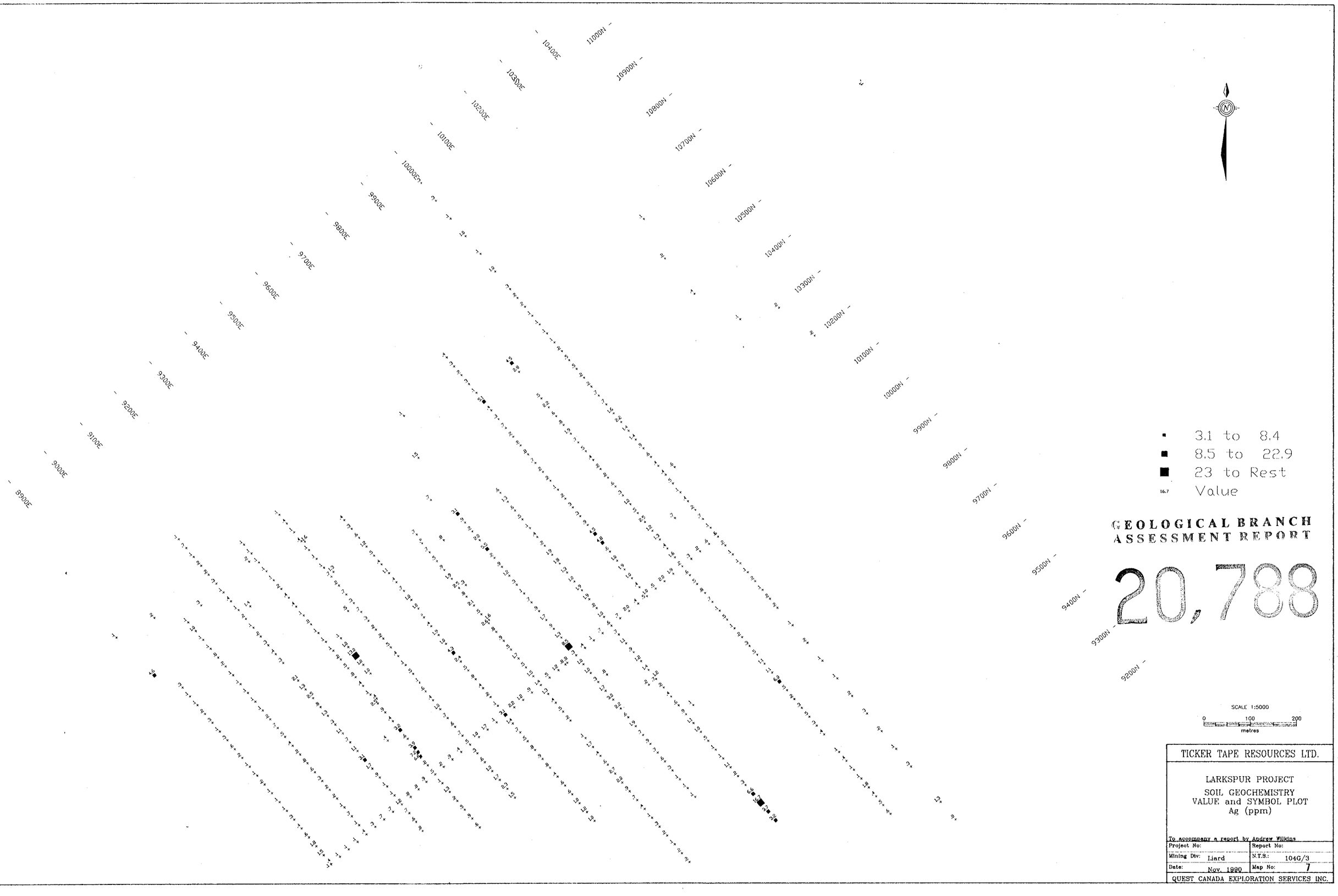
LARKSPUR PROJECT

SOIL GEOCHEMISTRY
VALUE and SYMBOL PLOT
Mo (ppm)

To accompany a report by Andrew Wilkins

Project No:	Report No:
Mining Div: Liard	N.T.S.: 104G/3
Date: Nov. 1990	Map No: 8

QUEST CANADA EXPLORATION SERVICES INC.



GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,788

SCALE 1:5000

0 100 200
metres

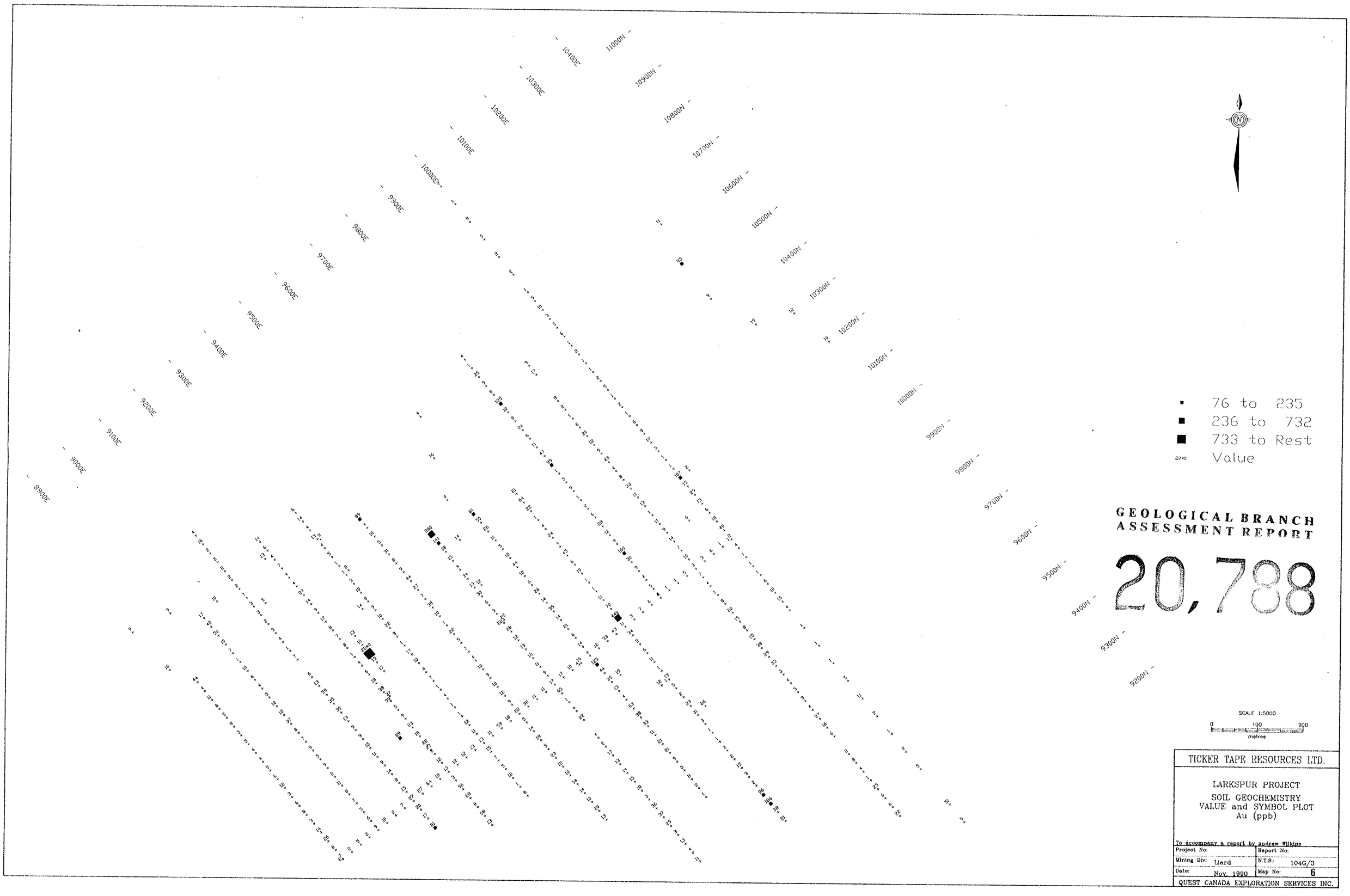
TICKER TAPE RESOURCES LTD.

LARKSPUR PROJECT
SOIL GEOCHEMISTRY
VALUE and SYMBOL PLOT
Ag (ppm)

To accompany a report by Andrew Wilkins

Project No:	Report No:
Mining Div: Liard	N.T.S.: 104G/3
Date: Nov. 1990	Map No: 7

QUEST CANADA EXPLORATION SERVICES INC.



GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,788

SCALE 1:5000

0 100 200
metres

TICKER TAPE RESOURCES LTD.

LARKSPUR PROJECT
SOIL GEOCHEMISTRY
VALUE and SYMBOL PLOT
Au (ppb)

To accompany a report by Andrew Wilkins

Project No:	Report No:
Mining Div: Liard	N.T.S.: 104G/3
Date: Nov. 1990	Map No: 6

QUEST CANADA EXPLORATION SERVICES INC.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,788

LEGEND

EARLY JURASSIC
COAST PLUTONIC COMPLEX

eJgd — medium grained, hornblende, biotite granodiorite.

UPPER TRIASSIC
STUHINI GROUP

uTv — light to dark green, massive, andesitic pyroxene porphyry flows and tuffs.

uTs — dark to medium grey, weakly gossanous, occasionally carbonaceous argillite.

uTsl — extremely siliceous light green siltstone or chert, with 3-5% pyrite.

PERMIAN
STIKINE ASSEMBLAGE

Pl — light grey to buff, massive to thickly bedded, bioclastic calcarenite.

Plp — Maroon to green lapilli tuff and epiclastics, angular volcanic fragments up to 2 centimetres in size in an aphanitic tuffaceous matrix.

SYMBOLS

- contact; defined, assumed
- fault: defined, assumed
- bedding attitude
- foliation
- vein attitude
- fault attitude
- rock sample location
- soil sample location

ABBREVIATIONS

PY	pyrite	PR	pyrrhotite
SM	smithsonite	MA	malachite

SCALE 1:5000

0 100 200
metres

TICKER TAPE RESOURCES LTD.

LARKSPUR PROJECT
GRID GEOLOGY

To accompany a report by Andrew Wilkins

Project No:	Report No:
Mining Div: Liard	N.T.S.: 104G/3
Date: Nov. 1990	Map No: 5

QUEST CANADA EXPLORATION SERVICES INC.

L 9200 E

L 9400 E

L 9600 E

10600 N

10500 N

10400 N

10300 N

10200 N

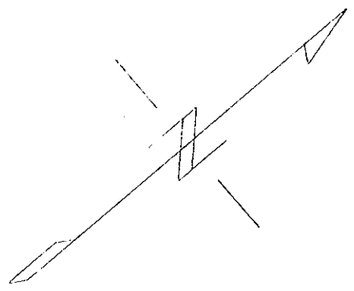
10100 N

10000 N

9900 N

9800 N

9700 N



INSTRUMENT : IGS - 2 / VLF4

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,788

QUAD

+20

0

-20

IN PHASE

SCALE 1:2500

0 50 100 150 200 meters

REVISIONS

By	Date	Approv.By

TICKER TAPE RESOURCES

LARKSPUR PROPERTY
VLF-EM
PROFILE MAP
SEATTLE 24.8 kHz

To accompany a report by : A. WILKINS

Project No:		Report No:	
Mining Div:	Liard	N.T.S.:	104G/3
Date	December 1990	Map No:	14

QUEST CANADA EXPLORATION SERVICES INC.