ASSESSEMENT REPORT
on the
ELLEN CLAIMS
NTS 115 A-113

By: G.S.Davidson,P.GEOL.

ASSESSMENT REPORT

on the

ELLEN 1-20, 25-37 CLAIMS

(YA97362-YA97366, YB26797-YB26799,
YB27078-YB27089, YB27094-YB27096,
YB35480-YB35483, YB36844-YB36849)
NTS 115 A-13
Lat. 61 00'N Long. 137 36'W
Whitehorse Mining District

FOR: PROBE RESOURCES LTD.
Vancouver, B. C.

BY

G.S. DAVIDSON, P. Geol.
December, 1993

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SUMMARY

The Ellen property consists of 33 claims located on the west side of the Shakwak Valley at the north end of Mt. Decoeli on a tributary of the Jarvis River in the Whitehorse Mining District, Yukon Territory (NTS115 A-13). A 8 kilometre tote road connects the property to the Alaska Highway approximately 28 km north of Haines Junction and 190 km from Whitehorse.

Prospectors discovered chalcopyrite in greenstone on a tributary of the Jarvis River before 1950. The area was initially staked by R. Reber and optioned to Hudson Bay Mining & Smelting Co. in 1954. Restaked as the MC claims by T. Worbetts in 1962, the property was optioned to Canadian Barranca Mines Ltd. Both Hudson Bay and Canadian Barranca drilled the area, a chalcopyrite rich horizon was intersected. Copper values of 3.15% over 5.2 m and 2.20% over 6.4 m were reported in two of the drill holes.

R. Stack of Whitehorse staked the Ellen 1-5 claims in May, 1987 when Cu-Ni-PGE mineralization became a priority target for exploration companies. In 1989 and 1990 the claim block was expanded. Preliminary prospecting and blasting outlined a layered sulphide occurrence over a strike length of 50 meters (Main Zone). Mineralization occurs in a 5-10 meter wide section consisting of veins and lenses of chalcopyrite, pyrite and quartz in horizons of chloritic argillaceous tuff. Rock sample values taken in 1989-1990 range from 0.5 to 18.3% Cu and from trace to 6632ppb Au. An HLEM survey in 1990 located the main zone and identified two similar anomalies on the upland plateau.

Probe Resources Ltd. entered an agreement with the property owners in August, 1993 to acquire the Ellen Claims. Surface exploration in August and September outlined a strong copper geochemical anomaly coincident with HLEM and VLF conductors around the main zone, and located widespread concordant chalcopyrite-pyrite-quartz mineralization downstream and along strike from the main showing.

A two phase drill program is recommended to further evaluate the sulphide occurrences and to test a strong HLEM conductor down section from the main zone.

INTRODUCTION

This report describes an exploration program undertaken on the property from August 13 to September 25, 1993. The project was performed by Can-Do Explorations Ltd. under the supervision of Mr. M. Elson. The writer worked on the subject property for the majority of the project. Mr. D. Tully P. Eng., inspected the property on August 25, 1993.

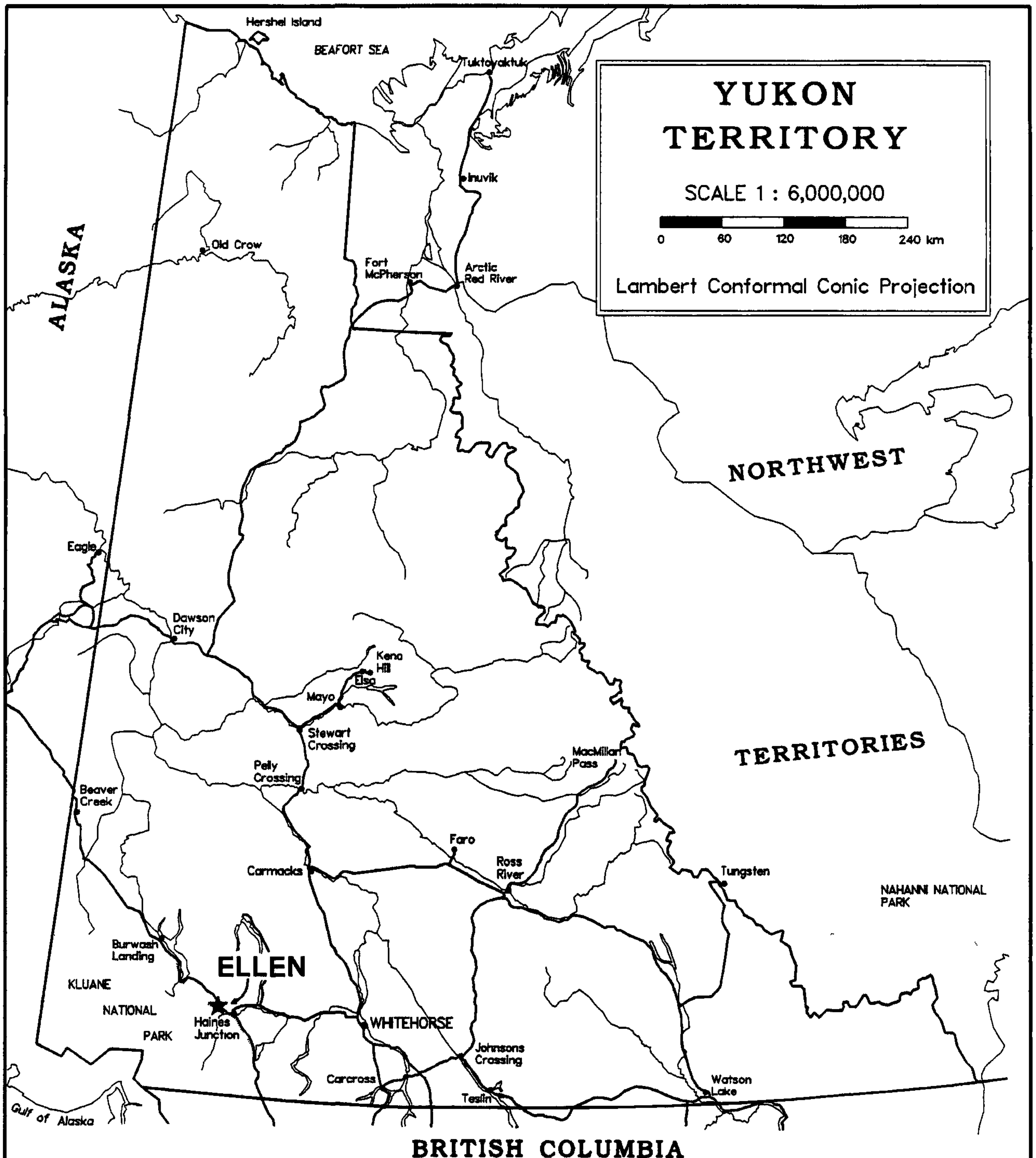
LOCATION AND ACCESS

The Ellen claims are located 27 km northwest of Haines Junction on NTS Map Sheet 115 A-13 at geographical co-ordinates 61° 00'N and 137° 17'W in the southwestern Yukon Territory. The property is situated 8 km west of the Alaska Highway and is accessible via a road which leaves the highway approximately 1 km north of the Jarvis River bridge. This road follows the Jarvis River to placer workings on Kimberley Creek. An old tote road connects the Ellen claims to the Kimberly Creek road 250 m west of the Jarvis River. The tote road was reestablished across several washouts to access the 1993 camp. A small backhoe was utilized to repair and ditch wet areas along the tote road. The property location is shown in Figure 1.

PHYSIOGRAPHY

The claims lie on the west margin of the Shakwak Valley in the Kluane Ranges of the St. Elias Mountains. The Shakwak Valley is a deep northwest-southeast oriented depression stretching for several hundred kilometers from northwestern British Columbia to Alaska. In the Jarvis River area the valley is 8-10 km wide, bounded on the west side by the rugged Kluane Ranges which rise to 2588 m.

The property is located at the northern end of Mt. Decoeli over an alpine plateau incised by a deep creek gully. The plateau is bounded on the east by a steep north facing slope which descends to the low lying Shakwak Valley floor. Elevations on the property range from 1500 m to 900 m. The copper showings are located in a rugged steep sided gully, orientated perpendicular to the Shakwak Valley. Outcrop is abundant in the gully and on steeper slopes, however the surrounding uplands are covered with glacial till. The Shakwak Valley features spruce forest broken by tundra.



LOCATION MAP

PROBE RESOURCES LTD.

ELLEN CLAIMS

N.T.S. 115 A/13

FIGURE 1

The Haines Junction area has a northern interior climate strongly influenced by the St. Elias Mountains. The area is known for high winds which constantly blow from the mountains into the Shakwak Valley. Winter temperatures average -20°C while summers are cool and last from June to September. The exploration season extends from mid-May to October.

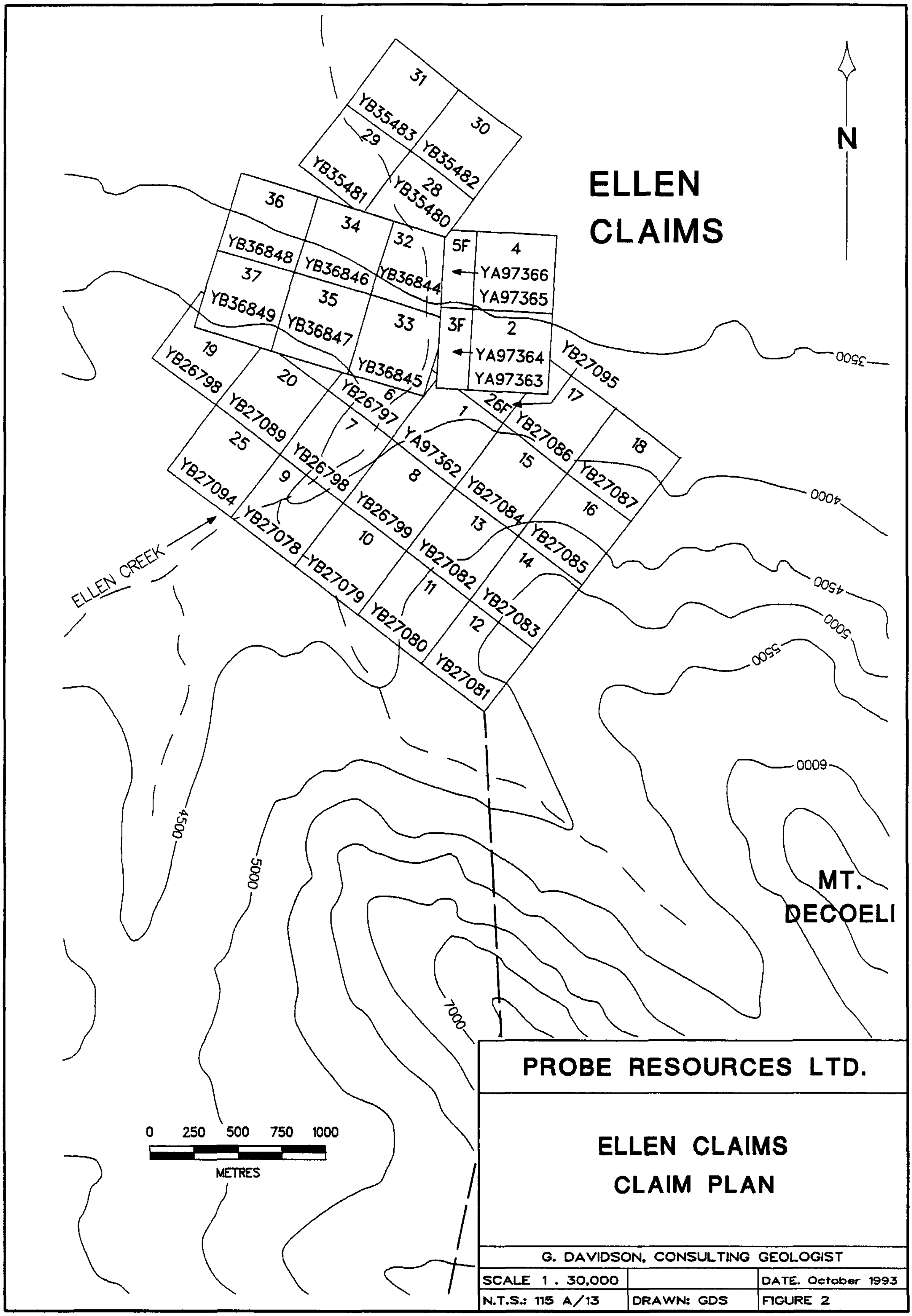
PROPERTY

The property consists of 33 mineral claims registered with the district mining recorder in Whitehorse. Figure 2 shows the claim plan and Table 1 lists property data.

TABLE 1 - CLAIM DATA

Claim Name	Record Number	Expire Date
Ellen 1	YA97362	Nov. 14, 1995
Ellen 2	YA97363	Nov. 14, 1995
Ellen 3 Fraction	YA97364	Nov. 14, 1995
Ellen 4	YA97365	Nov. 14, 1995
Ellen 5 Fraction	YA97366	Nov. 14, 1995
Ellen 6	YB26797	Sept. 29,1995
Ellen 7	YB26798	May 1, 1995
Ellen 8	YB26799	Sept. 29,1995
Ellen 9-20	YB27078-89	Dec. 11, 1995
Ellen 25-27	YB27094-96	Dec. 11, 1995
Ellen 28-31	YB35480-83	Oct. 22, 1997
Ellen 32-37	YB36844-49	Aug. 12, 1997

The Ellen 1-5, 9-20, 25-27 and 32-37 claims are owned by Mr. R. Stack of Whitehorse, Yukon. The Ellen 6-8 and 28-31 are owned by Mr. G.S. Davidson of Whitehorse, Yukon. Probe Resources Ltd. holds the Ellen claims under terms of an option agreement.


ELLEN CLAIMS
N
MT. DECOELI
ELLEN CREEK
31
YB35483
30
YB35482
29
YB35481
28
YB35480
36
34
32
YB36848
YB36846
YB36844
37
35
33
YB36849
YB36847
YB36845
5F
4
YA97366
YA97365
3F
2
YA97364
YA97363
YB27095
19
YB26798
20
YB27089
6
YB26797
26F
17
1
YB27086
7
YA97362
18
25
15
YB27094
9
YB26798
8
YB27084
YB27087
YB27078
10
YB26799
13
16
YB27079
11
YB27082
14
YB27085
YB27080
12
YB27083
YB27081
3500
4000
4500
5000
5500
6000
7000
0 250 500 750 1000
METRES
PROBE RESOURCES LTD.
ELLEN CLAIMS
CLAIM PLAN
G. DAVIDSON, CONSULTING GEOLOGIST
SCALE 1 . 30,000
DATE. October 1993
N.T.S.: 115 A/13
DRAWN: GDS
FIGURE 2

HISTORY

The Kluane Ranges were first explored around 1900 by prospectors traveling between coastal and central Alaska through the Shakwak Valley. Placer mining was active along the front range from Dalton Post to Silver City in the 1920's and 1930's.

In the 1950's the Kluane Ranges were explored for copper-nickel sulphide mineralization. Deposits were outlined on the Wellgreen and Canalask properties. The higher grade Wellgreen deposit was mined from 1972-1973.

The area of the Ellen claims was prospected prior to 1950. Several old crown grant posts were found above the main showing but the grants were not registered. Many old cut stumps attest to considerable activity during the early years. The prospect was first staked as the Jude, Nor and Tar claims in 1953 by R. Reber and optioned to Hudson Bay Mining and Smelting Co. Hudson Bay drilled 5 holes (1060 ft) and built a tote road to within 500 m of the copper showings.

In 1962 T. Worbetts restaked the area as the MC claims and optioned them to Canadian Barranca Mines Ltd.. They extended the road to the showings and completed an extensive surface exploration program. Three diamond drill holes in 1966 (1421 ft) and four more in 1969 were drilled into chalcopyrite bearing horizons in mafic volcanic rocks. Holes MC-1 to MC-3 were drilled from creek level, above the main showing. Copper values were reported in the 1966 drill holes as follows:

DDH MC-1 (from 59-76ft) 17' at 3.15%. Cu
DDH MC-2 (from 90-124ft) 34' at 1.64% Cu
or (from 103-124 ft) 21' at 2.20% Cu
DDH MC-3 (from 80-97 ft) 17' at 1.20% Cu

Gold assays were not recorded in the drill logs. In 1969 four holes were drilled. Hole MC-4 tested an ultramafic unit for nickel mineralization. Drill holes MC-5 to MC-6 were drilled from the same setup, approximately 80 meters uphill to the west of the main showing. Drill hole MC-7 was located 30 meters lower in elevation than MC-6&7. A chalcopyrite bearing horizon was intersected in MC-5 to 7 as follows:

DDH MC-5 (from 203-206 ft) 3' at 1.1% Cu
DDH MC-6 (from 205-219 ft) 14' at 0.66% Cu
DDH MC-7 (from 212-217 ft) 5' at 0.17% Cu
and (from 230-235 ft) 5' at 0.73% Cu

These intersections were reported to be from the same zone outlined in the 1966 holes. Canadian Barranca dropped the property in 1971.

RECENT EXPLORATION

The showings were re-acquired by G. Harris and R. Stack in June 1987. Samples taken beside the old cat road contained approximately 5% chalcopyrite in a tuffaceous greenstone. In June, 1989 R. Stack used explosives to clear away mud and debris on the east side of the gully, bellow the old drill sites. He exposed chalcopyrite, pyrite and quartz bearing argillaceous horizons over a 7 m wide section.

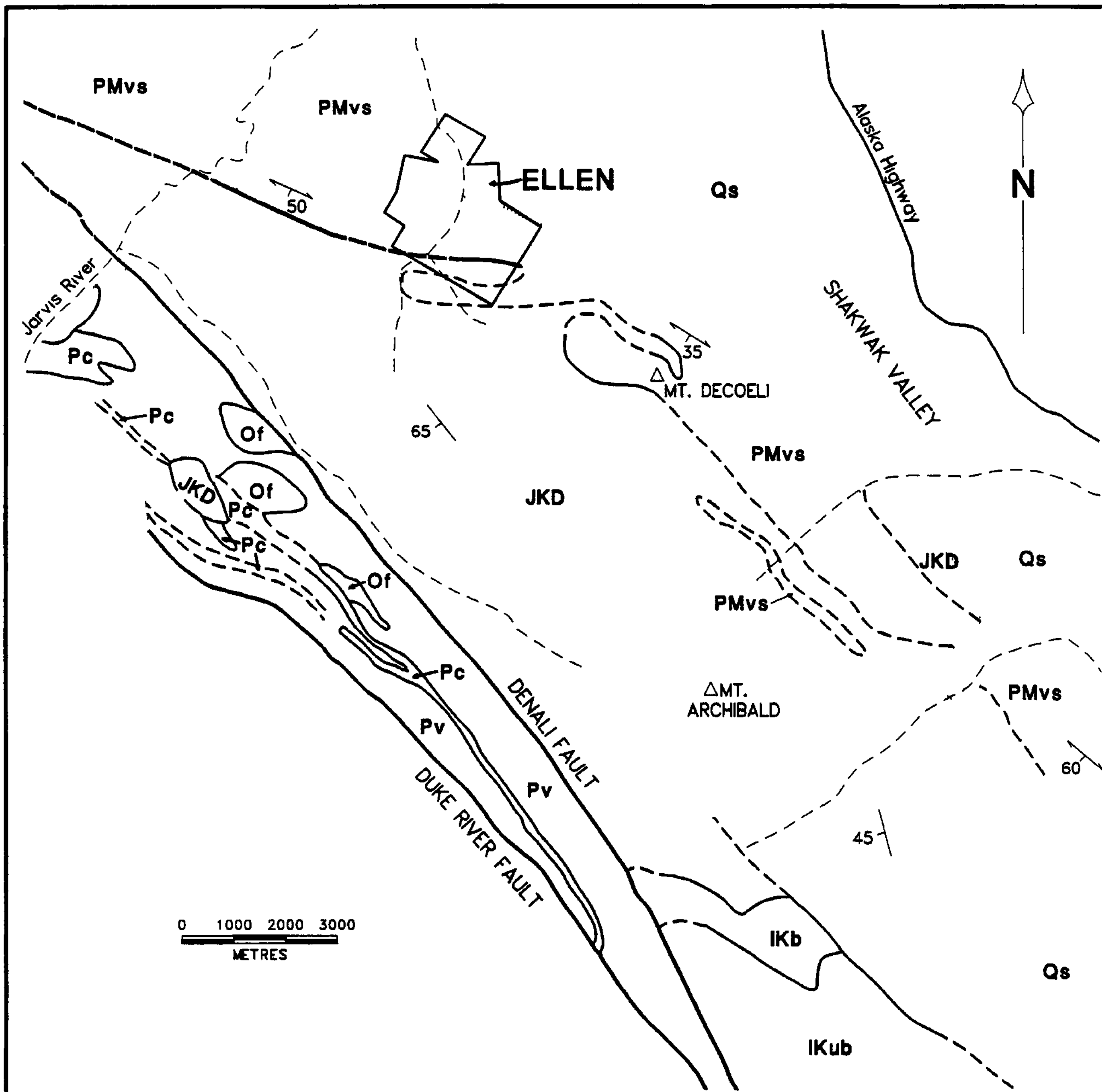
On the west side of the gully the mineralization was traced over a 10 m width. Vivid malachite and azurite staining covers the section. Sample results of sulphide bearing rock ranged from 1.5-11.9% copper and trace to 2787ppb gold. The 1989 work indicated that volcanogenic type sulphide mineralization was present on the Ellen claims.

In 1990, a late season geological and geophysical exploration program outlined HLEM anomalies at the main showing and on the upland. Patchy copper mineralization was located along strike of the main occurrence and several quartz rich sulphide bearing horizons were located to the north. Sample results ranged from 0.2% to 18.3% copper and trace to 6632ppb gold. Gold values were higher in quartz rich samples.

REGIONAL GEOLOGY

The Mt. Decoeli area lies east of the Denali Fault, the structural division between the Coast Plutonic Belt and Wrangell Terrane in the Kluane Ranges. The Shakwak Valley lies east of Mt. Decoeli. The wedge of rocks lying between the Denali Fault and the Shakwak Valley is an assemblage of Jurassic and Triassic volcanic and sedimentary rocks interpreted as part of the Alexander Terrane. The geology of the district was released in Open File #831 by the G.S.C.(see Figure 3).

Mount Decoeli consists of a thick andesitic to mafic volcanic sequence of Triassic age unconformably overlain by Jurassic Dezadeash Group shale, limestone and slate. The Triassic rocks are tuffaceous to massive layered andesites, variably altered to greenschist. Andesite, diorite and peridotite sills occur in the sequence.



LEGEND

STRATIFIED ROCKS

QUATERNARY

Qs undivided surficial deposits

JURASSIC & CRETACEOUS

JKD Dezadeash Group greywacke, sandstone, siltstone, argillite, conglomerate

PALEOZOIC &/or MEZOZOIC

PMvs greenstone, greenschist, minor argillite and greywacke

CARBONIFEROUS TO PERMIAN

Skolai Group

Pc Hansen Creek Fmn. limestone

Pv Station Creek Fmn. volcanics

INTRUSIVE ROCKS

TERTIARY

Of felsite, qtz. latite porphyry

LOWER CRETACEOUS

IKb, IKub Pyroxenite Creek Ultramafic Complex

SYMBOLS

Geological boundary, defined, approx.

High angle fault, defined, approx.

Limit of outcrop

Bedding, strike–dip 65

Foliation, cleavage, strike–dip 60

PROBE RESOURCES LTD.

ELLEN CLAIMS REGIONAL GEOLOGY

G. DAVIDSON, CONSULTING GEOLOGIST

SCALE. 1 : 125,000		DATE. October 1993
N.T.S.: 115 A/13	DRAWN: GDS	FIGURE 3

Thrust faults mark the lower contact between volcanic rocks and Paleozoic metamorphic basement rocks. Elongate bodies of ultramafic rock have been emplaced along the thrust planes. Copper and nickel mineralization occurs within the basal section of the ultramafic sills and in adjoining rocks. Copper-gold quartz veins occur in the hanging wall of the ultramafic bodies.

1993 EXPLORATION PROGRAM

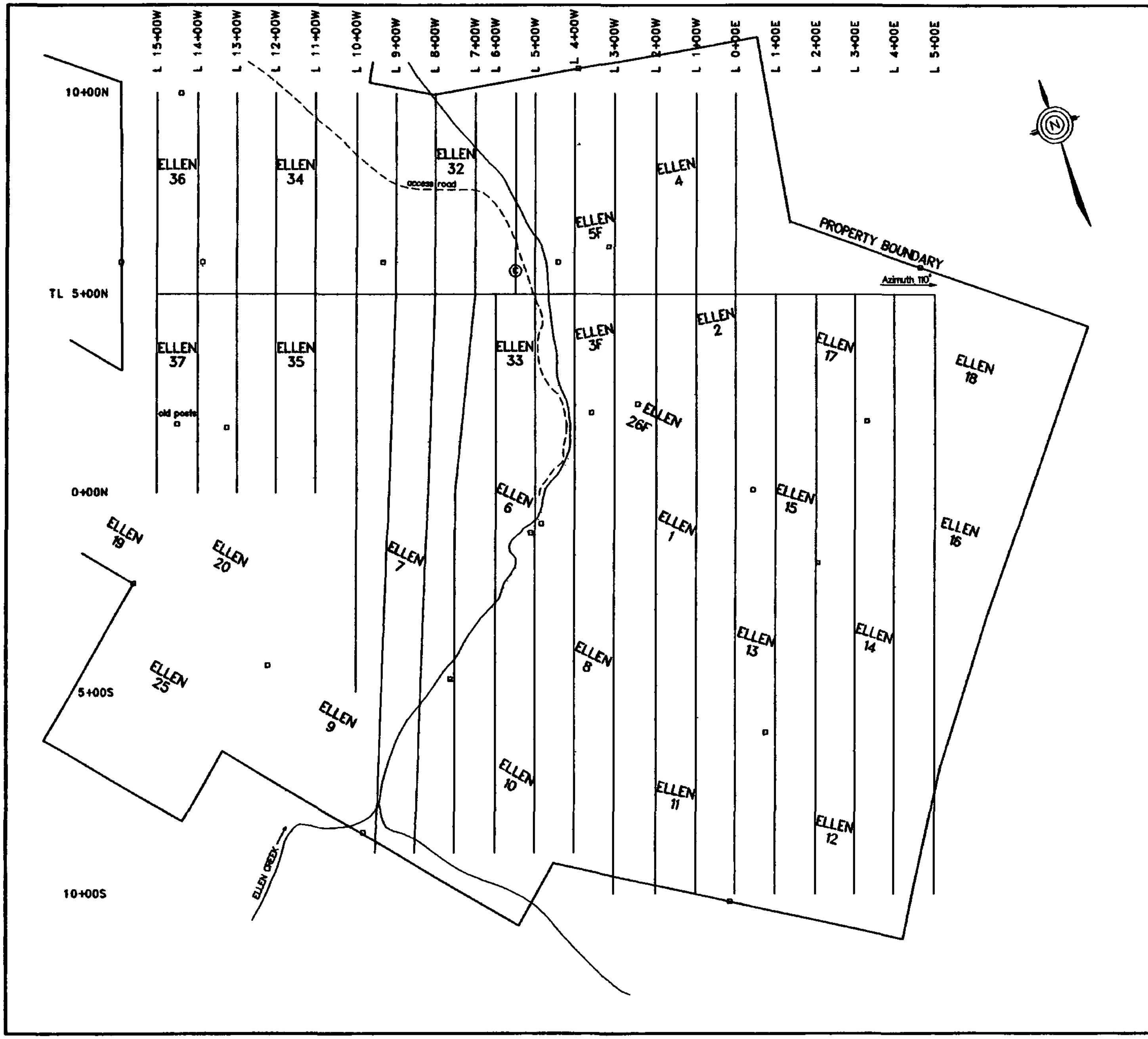
INTRODUCTION

The work program on the Ellen claims was performed from August 13 to September 25,1993. A four man crew and camp was mobilized to the Ellen claims on August 13. Camp was established beside the tote road before a badly washed out section at the Ellen Creek crossing. Later the camp was moved to the original site further upstream. Sections of the access road were repaired using a Kubota 110 hoe. Mud and drainage problems continued through August until the road eventually dried up in early September.

Grid development was initiated along the floor of the Shakwak Valley. Little remained of the 1990 grid however it was used as a basis for the new grid. A 2.6 km tie-line trending 110° was cut along the base of the slope at 5+00N. Crosslines from 100 m centers were established across the gully and uplands. Lines (15 km) were cut through alder and spruce forest below the upland. The lines were marked with pickets at 100 m intervals and flag stations at 25 m intervals. A total of 36 line kilometers were run covering approximately 80% of the claim block. Figure 4 shows the grid plan.

Soil samples were collected at 50 m intervals over the entire grid. Soil varied from a poorly developed B layer to C layer. On the upland, till underlay a thin organic layer with very little B horizon development. The 682 soil samples were analyzed by Northern Analytical Ltd. of Whitehorse.

Geophysical surveys were performed on sections of the grid By Mr. G. Lee of Amerok Geophysics and Mr. B. Saeur & B. Shay of Can-Do Explorations. Amerok Geophysics of Whitehorse performed 11 km of HLEM survey utilizing a Apex Parametrics Maxmin I-9 instrument. Amerok provided an EM-16 VLF to Can-Do Explorations, which surveyed 25 km of line. Mr. M. Power of Amerok Geophysical has prepared a detailed geophysical report which is presented as Appendix 2.



SYMBOLS

□ Claim boundary and posts

Ⓒ Camp

0 100 200 300

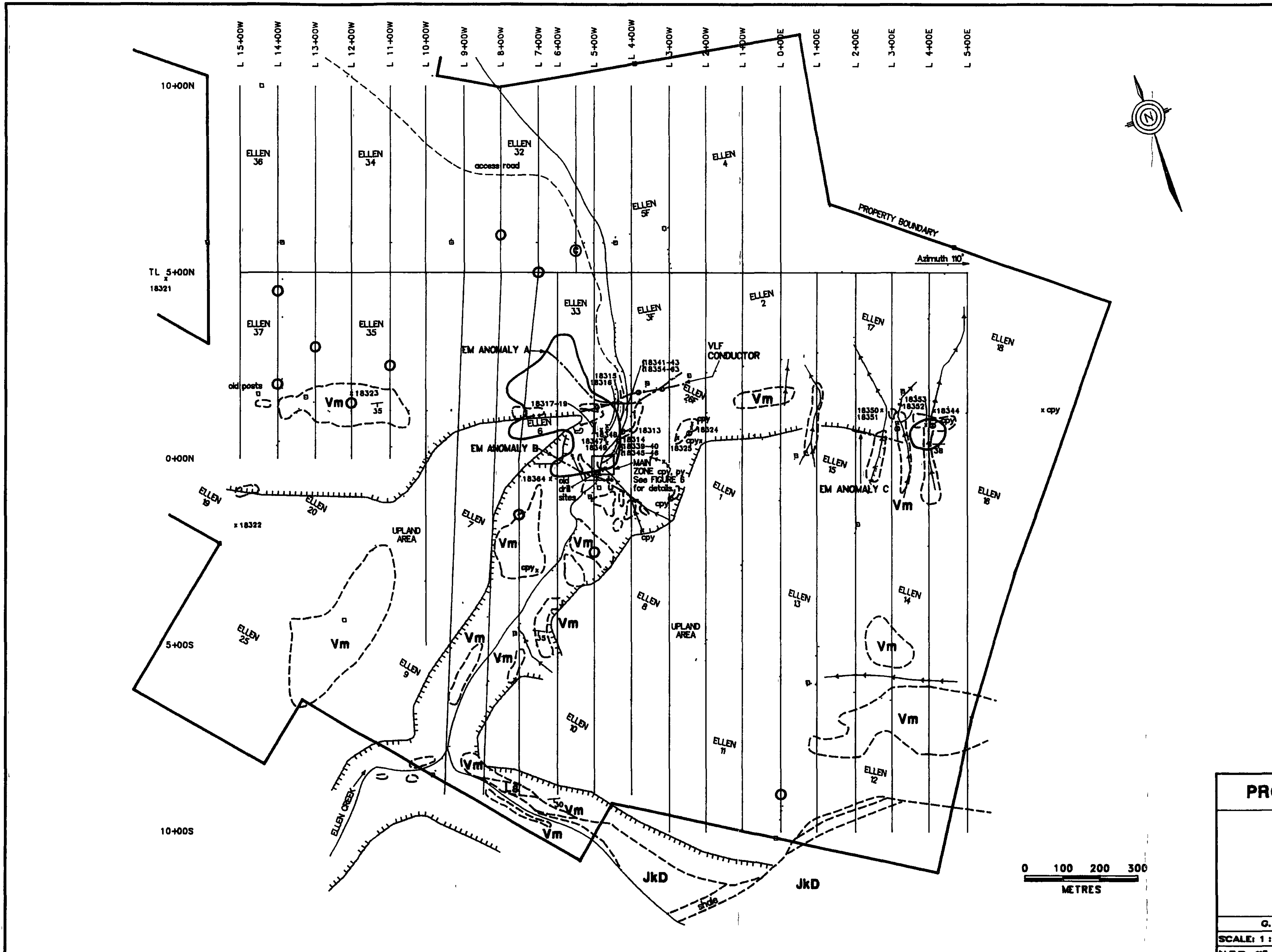
METRES

PROBE RESOURCES LTD.

ELLEN CLAIMS GRID PLAN

G DAVIDSON, CONSULTING GEOLOGIST

SCALE: 1 15,000		DATE October 1993
N.T.S. 115 A/13	DRAWN: GDS	FIGURE 4



LEGEND

JkD JURASSIC and CRETACEOUS
Mica schist, slate.

PALEOZOIC and/or MESOZOIC

PMvs **Vm** Mafic volcanics, tuffs, greenschist, minor argillite and greywacke. Peridotite.

Ls Limestone and meta-sedimentary rock.

SYMBOLS

- Outcrop, strike and dip
- Cu geochem >500 ppm
- HLEM conductor
- VLF conductor
- Blast or backhoe trench or pit
- x 18323 Rock sample location, number
- Narrow gully
- Edge of upland plateau
- Claim boundary and posts
- Camp

ROCK SAMPLE RESULTS

SAMPLE NO	WIDTH (cm)	Cu (ppm,%)	Au (ppb)
18313	grab	303	9
18314	grab	118	8
18315	grab	124	22
18316	grab	669	9
18317	grab	7321	>6667
18318	grab	11059	217
18319	grab	6697	352
18320	grab	363	60
18321	grab	81	178
18322	grab	20	<5
18323	grab	774	8
18324	grab	3049	6
18325	grab	2829	10
18339	grab	9.1%	79
18340	grab	10515	23
18341	grab	447	10
18342	grab	318	10
18343	grab	67	15
18344	grab	3560	13
18345	grab	13%	993
18346	grab	6 4%	>6667
18347	grab	11919	37
18348	grab	7489	70
18349	grab	2809	14
18350	grab	18238	199
18351	grab	5207	40
18352	grab	993	140
18353	grab	174	18
18354	grab	280	9
18355	300	179	10
18356	250	173	64
18357	200	187	12
18358	200	200	13
18359	200	225	35
18360	300	126	9
18361	200	200	12
18362	200	251	8
18363	200	211	10
18364	grab	7578	433

PROBE RESOURCES LTD.

ELLEN CLAIMS PROPERTY PLAN

G. DAVIDSON, CONSULTING GEOLOGIST

SCALE: 1 : 10,000		DATE: October 1993	
N.T.S.: 115 A/13	DRAWN: GDS	FIGURE 5	

The writer mapped the property at a 1:5,000 scale (see Fig.5); exposed bedrock was limited to steep slopes and the rugged Ellen Creek gully. Narrow avalanche chutes along the edge of the upland also feature bedrock. 51 rock samples were collected primarily from outcrop. Northern Analytical evaluated the samples.

Back hoe and blast trenching of mineralized zones was performed by Mr. R. Stack. A tote trail was extended to the base of the Ellen Creek gully to provide better access. Mineral occurrences down section and along trend of the main zone were exposed in the trenching. Also, several pits were excavated over EM anomalies beside Ellen Creek. Approximately 110 cubic meters of material was excavated from the trenches and pits.

PROPERTY GEOLOGY

The property is primarily underlain by a thick layered felsic to mafic volcanic sequence consisting of massive andesite flows, andesitic and mafic tuffs, and thin layers of tuffaceous argillite. Diorite, andesite and fine grained peridotite sills occur within the volcanics. The units strike northwest- southeast (110^{o}) and dip 30^{o} - 50^{o}. to the south.

Along the cliff walls of Ellen Creek, block faulting has caused minor displacement of the volcanic layers. A strong foliation fabric is developed in the tuffs and argillites, parallel to the trend of the Shakwak Valley. Greenschist alteration is prevalent in the volcanics as widespread chlorite; epidote is present in massive volcanics and possibly pillow lavas. Serpentinization is common towards the base of the volcanic sequence consisting of bands of bladed serpentine and quartz-carbonate veining.

At the south end of the claim block the volcanics are conformably overlain by limestone and schists containing sections of green tuffaceous volcanics. The sediments are cut by narrow quartz- carbonate veins sometimes forming stockworks.

Canadian Barranca drill logs report intersecting layers of sheared andesite and intercalated argillite containing pyrite, chalcopyrite and pyrrhotite. In the 1966 drilling the argillite was misnamed peridotite but was corrected in 1969. The 1969 logs noted epidote throughout the volcanic-sediment sequence, distinctly along shear planes in the argillite. Chlorite was also a common accessory mineral in the sulphide zones.

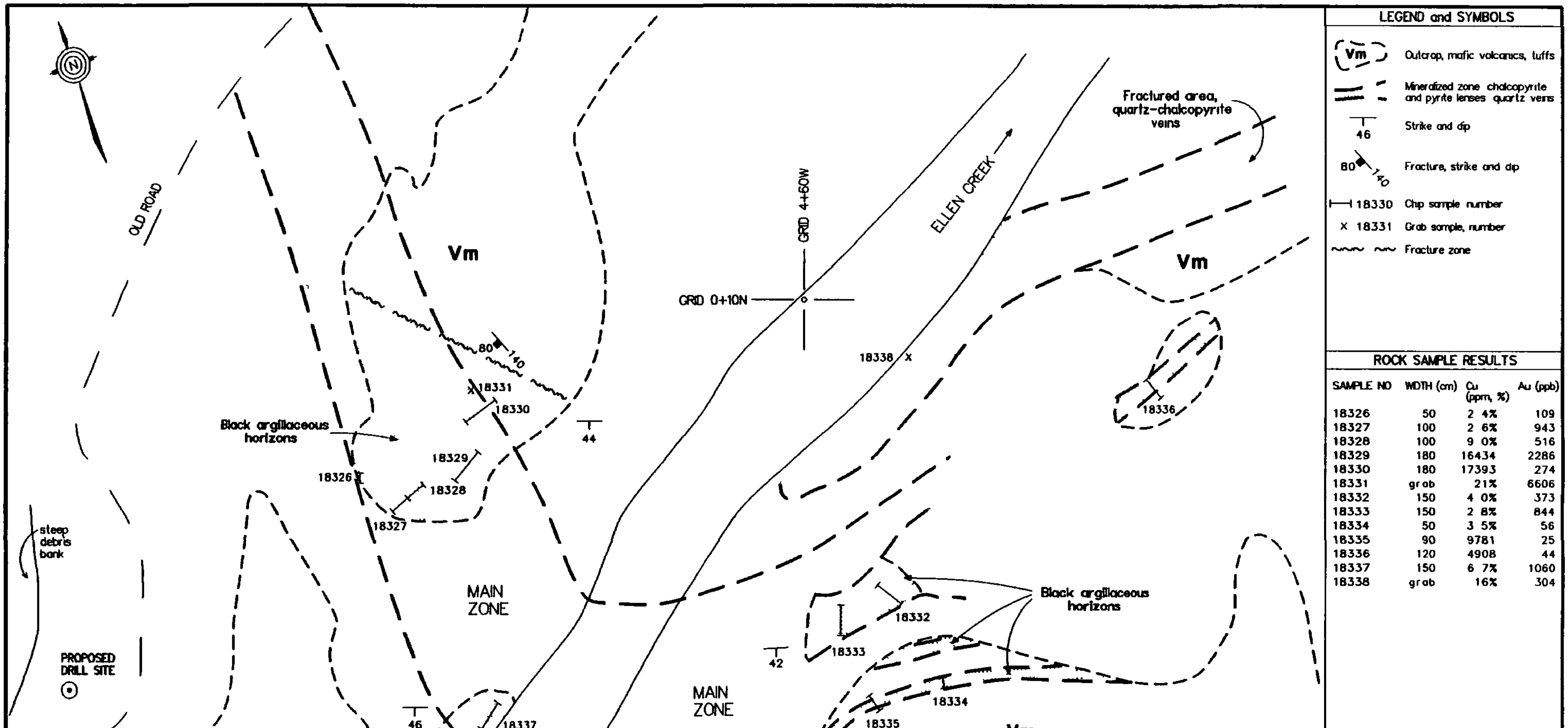
MINERALIZATION

Mineralization consists of veins and blebs of massive to disseminated chalcopyrite, pyrite and quartz hosted by layers of tuffaceous argillite and silicified greenstone. At the main showing (see Fig. 6) mineralization is exposed on both sides of the gully. On the east side three distinct layers of chalcopyrite bearing argillite are hosted by siliceous andesite. The units strike 110^o and dip 20^o to the south. The lower mineralized horizon is about 3 m thick, composed of stringers and stockworks of chalcopyrite, pyrite, and quartz with several massive layers of chalcopyrite and pyrite up to 25 cm thick. The total sulphide content averages 5-10% over 3 m. The upper two layers are 0.5-1 m thick and contain blebs and veins of chalcopyrite and quartz. Chip samples 18332-35 from the above layers assayed 0.98% to 4.0% copper and 25 to 844ppb gold.

On the west side of the gully the mineralized zone is approximately 10 m thick, striking 65^o and dipping 40^o south. Stringers, bands and veins of chalcopyrite, pyrite and quartz are exposed in a rock face composed of black argillaceous tuff and andesite. The sulphides are weathered and patches of vivid azurite and malachite stain the rock. Several 10-20 cm wide quartz-chalcopyrite veins are concordant with the bedding. Chip samples 18326-30 & 18337 on the west side of the creek produced copper values of 1.6-9.0% and gold values of 109-2286ppb. A grab sample of a quartz-chalcopyrite vein ran 21% copper and 6606ppb gold.

Along strike approximately 100 meters northwest of the main zone patchy mineralization is exposed in a blast pit over a width of 10 meters. Grab samples 18317-19 assayed 0.67-1.1% copper and 217->6667ppb gold. The high gold analysis was from a narrow quartz calcite vein.

Downstream of the main showing chalcopyrite veins are present along the walls of the gully for several hundred meters. The veins usually occur in black tuffaceous layers or in quartz rich layers. A well mineralized horizon 0.5-3 m thick outcrops on both sides of the creek approximately 75 meters north of the main zone. The mineralization can be traced for 100 meters strike length. It consists of argillaceous tuff and greenstone containing blebs and veins of chalcopyrite in a quartz stringer zone. The sulphide mineral content of this zone ranges from 1- 2%. Several well mineralized quartz veins of 10-30 cm width occupy fractures concordant with bedding. Grab samples 18339-40, 18345-46 from a pit blasted east of Ellen Creek along this trend contain up to 20% chalcopyrite + pyrite. A quartz vein sample assayed 6.4% copper and >6667ppb gold.



ROCK SAMPLE RESULTS

SAMPLE NO	WIDTH (cm)	Cu (ppm, %)	Au (ppb)
18326	50	2 4%	109
18327	100	2 6%	943
18328	100	9 0%	516
18329	180	16434	2286
18330	180	17393	274
18331	grab	21%	6606
18332	150	4 0%	373
18333	150	2 8%	844
18334	50	3 5%	56
18335	90	9781	25
18336	120	4908	44
18337	150	6 7%	1060
18338	grab	16%	304

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ELLEN CLAIMS
DETAILED PLAN
Main Zone

G DAVIDSON, CONSULTING GEOLOGIST

SCALE 1 300		DATE October 1993
N.T.S. 115 A/13	DRAWN GDS	FIGURE 6

Further downstream a backhoe trench was excavated on a strong HLEM conductor (Conductor A) on the west side of the Ellen Creek valley. Bedrock consists of weathered greenschist in contact with a band of heavily oxidized, broken quartz-carbonate- sericite-gouge. Chip samples 18360-64 of the quartz-carbonate returned low copper and gold values but grab sample 18343 assayed 0.1% nickel and 1129ppm chromium.

East and 200 m along strike of showings in the Ellen Creek gully, a 3 m wide zone of chalcopyrite bearing quartz occurs in siliceous tuff at Grid 2+65W, 1+15N. A pit was blasted at this occurrence and grab samples assayed 0.3% copper with trace gold. Pits were also blasted 500-700 meters further to the east on chalcopyrite occurrences in several steep gullies. Sample 18350 ran 1.8% copper.

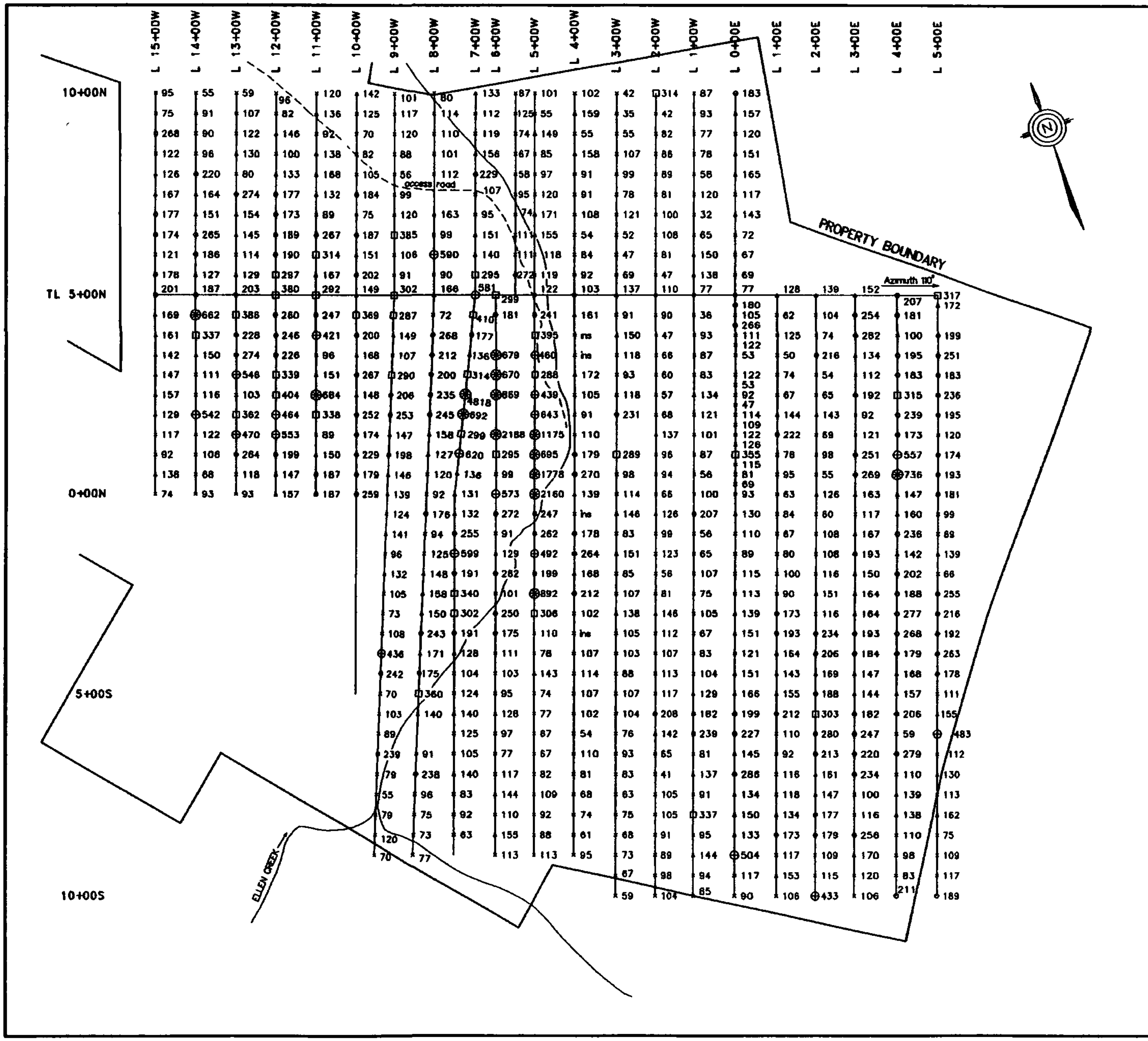
Minor amounts of chalcopyrite are present in greenstone and quartz calcite veins across the property.

No ultramafic rocks were seen in outcrop however a strong magnetic anomaly located near the south west claim boundary probably outlines an ultramafic sill. A boulder of fine grained peridotite from the area contains 0.2% Ni. 1993 sample descriptions and values are listed in Appendix 1; analytical certificates are presented as Appendix 3.

GEOCHEMICAL RESULTS

Copper and gold geochemical results are shown in figures 7 & 8 respectively. The response for copper ranges from a minimum of 32ppm to 4818ppm. A strong anomaly 200 x 400 meters of >500ppm copper lies on the west side of the Ellen Creek gully and extends into the Shakwak Valley (see Fig. 5). This anomaly outlines the northwesterly trending mineralization in and around the main zone. The western ends of HLEM Conductors A & B lie within the 500ppm copper anomaly. West and downslope of this are several weaker copper geochem anomalies. Other spotty values lie to the east and south.

Sporadic high gold values range up to 1340ppb, a moderate correlation with copper geochemical anomalies is evident. Spot highs are widely distributed over the claims. Tables 2 & 3 show the distribution of soil sample values against the total number of soil samples collected.



SYMBOLS

x 117 Soil sample location, Cu-ppm (see other symbols below)

COPPER GEOCHEMISTRY

PPM		PERCENTILE
4818	⊛	MAXIMUM
652	⊕	98
412	□	95
286	o	90
173	▵	70
126	×	50
32		MINIMUM

Number of Samples – 678
ins – insufficient pulp for assay

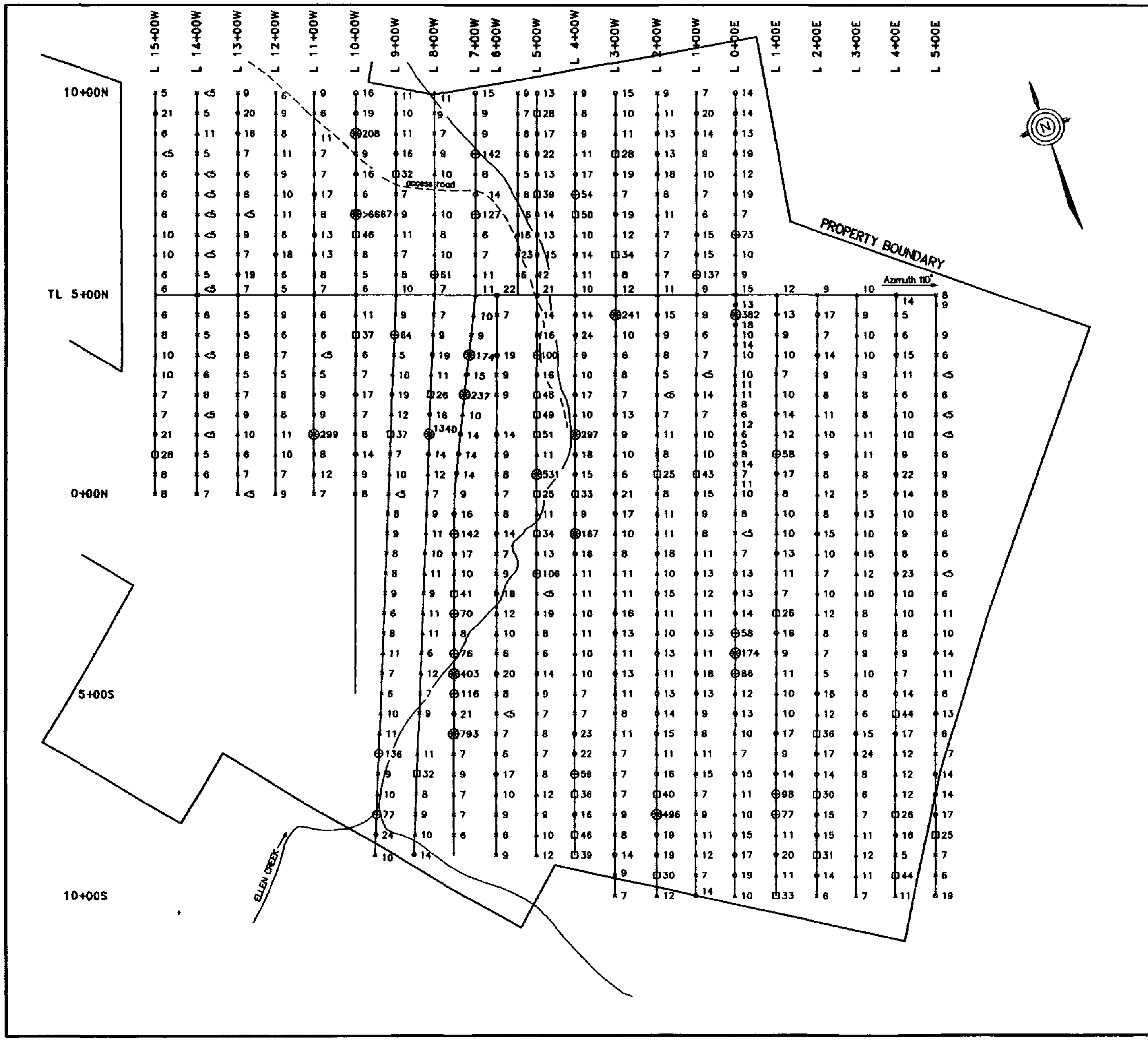
0 100 200 300
METRES

PROBE RESOURCES LTD.

ELLEN CLAIMS
COPPER GEOCHEMISTRY - ppm

G DAVIDSON, CONSULTING GEOLOGIST

SCALE. 1 : 15,000		DATE October 1993
N.T.S. 115 A/13	DRAWN: GDS	FIGURE 7



SYMBOLS

x 8 — Soil sample location, Au–ppb, (see other symbols below)

GOLD GEOCHEMISTRY

PPB	PERCENTILE
1340	MAXIMUM
152	98
54	95
25	90
13	70
10	50
<5	MINIMUM

Number of Samples – 682

0 100 200 300
METRES

PROBE RESOURCES LTD.

ELLEN CLAIMS
GOLD GEOCHEMISTRY - ppb

G DAVIDSON, CONSULTING GEOLOGIST

SCALE: 1 15,000		DATE October 1993
N.T.S. 115 A/13	DRAWN: GDS	FIGURE 8

TABLE 2

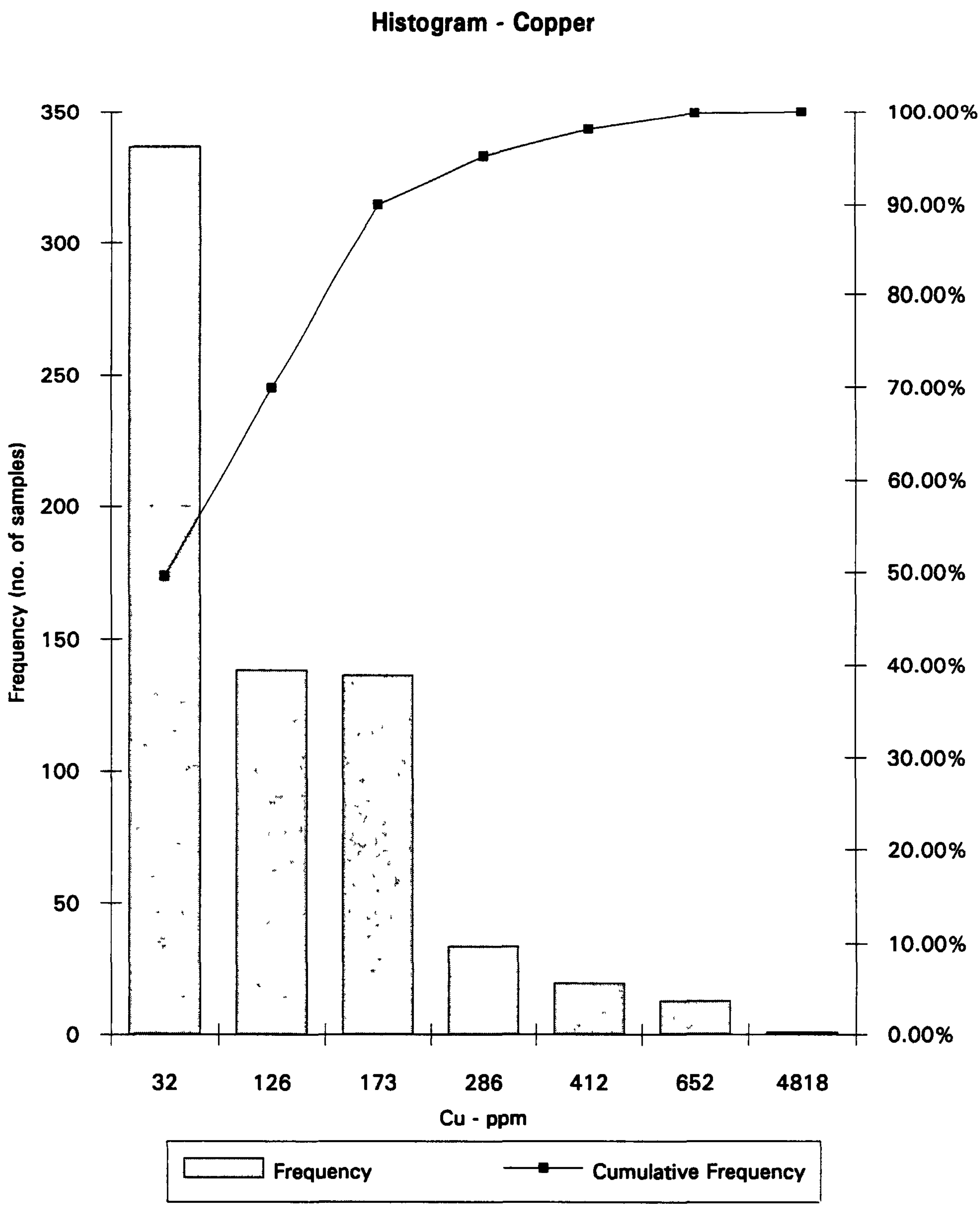
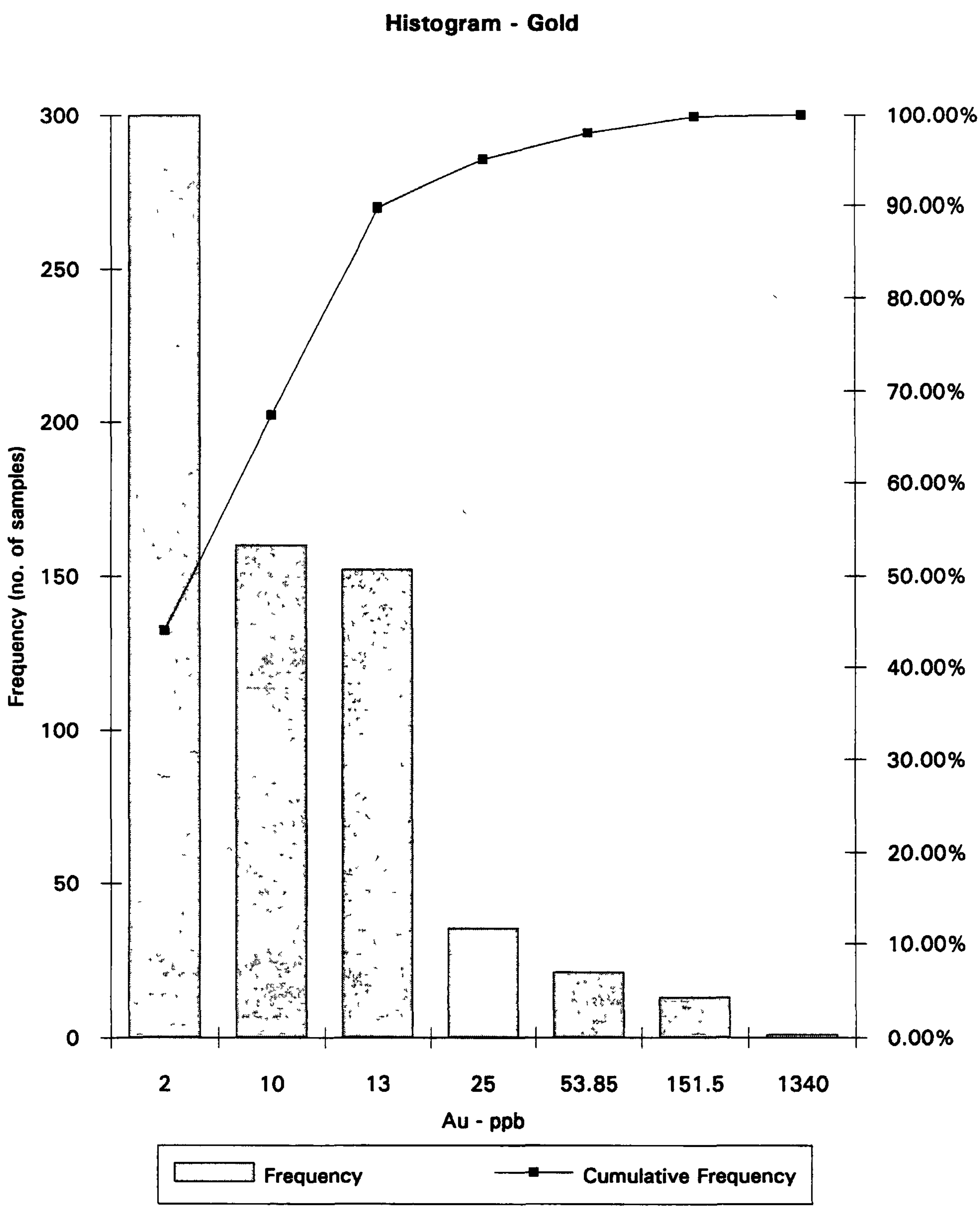

Histogram - Copper
Frequency (no. of samples)
350
300
250
200
150
100
50
0
100.00%
90.00%
80.00%
70.00%
60.00%
50.00%
40.00%
30.00%
20.00%
10.00%
0.00%
32
126
173
286
412
652
4818
Cu - ppm
Frequency
Cumulative Frequency

TABLE 3


Histogram - Gold
300
250
200
150
100
50
0
Frequency (no. of samples)
100.00%
90.00%
80.00%
70.00%
60.00%
50.00%
40.00%
30.00%
20.00%
10.00%
0.00%
2
10
13
25
53.85
151.5
1340
Au - ppb
Frequency
Cumulative Frequency

GEOPHYSICAL SURVEYS
(modified from M. Power)

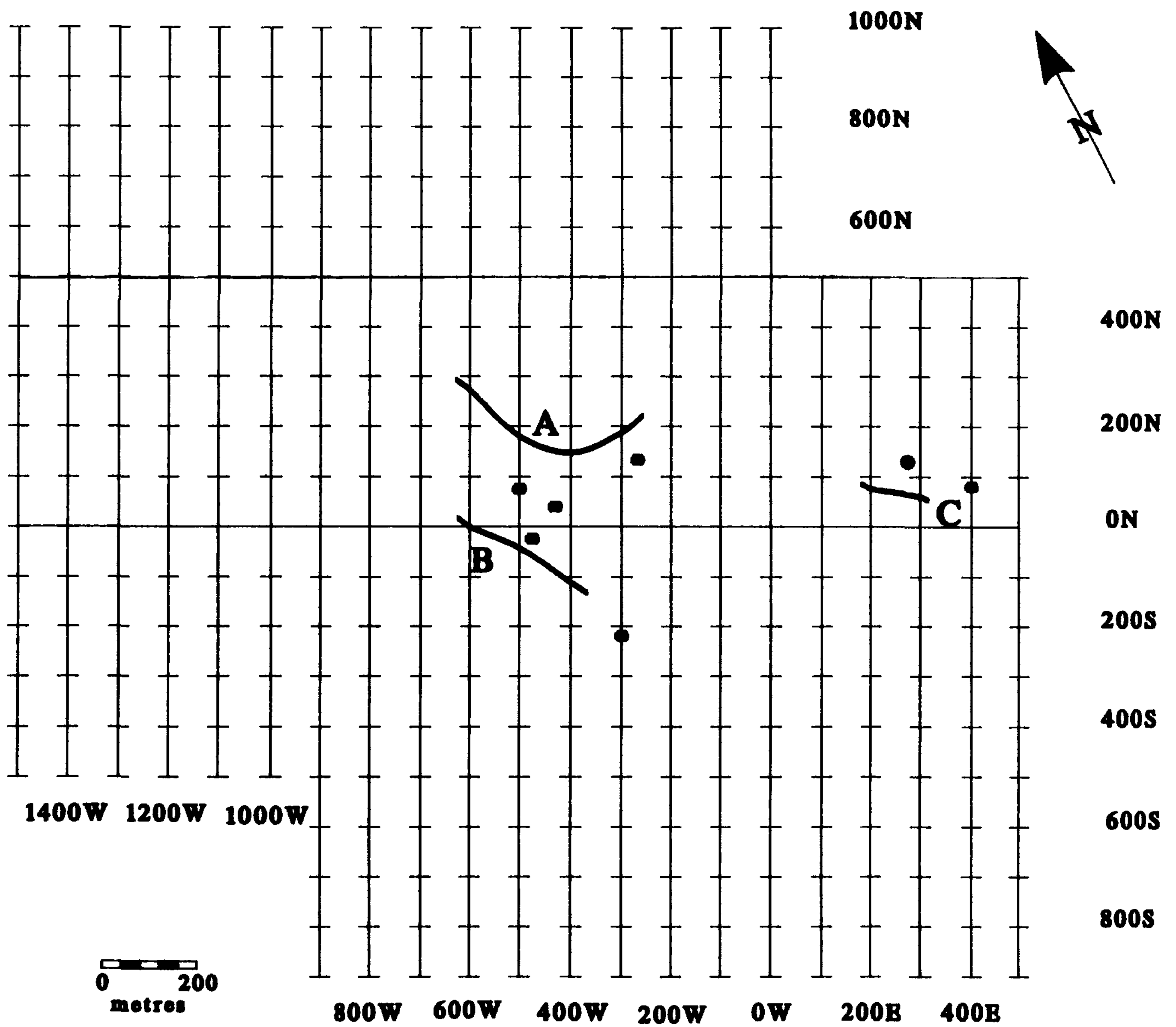
HLEM and VLF surveys located anomalous responses in several locations. The HLEM survey identified two week conductors (B and C) and one strong conductor (A) shown on Figures 5 & 9. Conductor B traces the main zone from the creek to the west. Conductor C has a similar responses to that encountered at the main zone but is located on the east edge of the upland. The strong Conductor A has an apparent conductance in the range expected for massive sulphides, and has an apparent strike length of 300 meters. Anomaly A produced the strongest response at grid 4+00W, 1+60N indicating a body less than 10 m thick which dips at a shallow angle to the north.

The VLF-EM survey outlined a strong anomaly coincident with HLEM conductor A.

Magnetometer data collected in 1990 was reprocessed producing a plot of a fairly uniform magnetic field. This suggests that there is a low concentration of accessory magnetite in the metavolcanic rocks.

TRENCHING

One trench was excavated using the Kubota hoe and five blast pits were completed on steep slopes. Approximately 110 cubic meters of material was removed. Mapping and sampling of the trenches was performed by the writer. The main zone was well exposed on both sides of the gully from previous blasting work.



● - **Sulphide showing**

— - **HLEM Conductor Axis**

PROBE RESOURCES	Claims ELLEN 1-37
ELLEN PROPERTY Anomaly Map	Mining District Whitehorse NTS 115 A 13
AMEROK GEOPHYSICS	INTERPRETER M Power DATE 15 OCT 93 — Figure 9

DISCUSSION

The 1993 exploration program has extended the main zone of mineralization and identified several promising targets which may represent similar sulphide bodies. Rock sample results show a widespread distribution of chalcopyrite and quartz in foliated greenstone along the slope of the Shakwak Valley. Geophysical and geochemical surveys outline coincident copper, HLEM and VLF anomalies around and down dip of the main showing. The following conclusions are presented:

1) Volcanogenic massive sulphide style mineralization has been located on the ELLEN claims. Sulphides occur in layered mafic volcanic rocks and interbedded argillaceous tuff. Strong serpentinization and pillows are evident.

2) The main zone of mineralization consists of a 5-10 meter wide section of concordant veins and lenses of chalcopyrite and pyrite in silicified volcanics and argillite. Sulphide content averages 10%. The main zone has been traced over a 200 meter strike length by copper geochemistry and an HLEM anomaly.

3) Canadian Barranca Mines Ltd. intersected copper mineralization over significant widths in drill holes cutting the main zone. Recent surface assays contain gold values of >6667ppb.

4) Mineralization is extensive in outcrop along both sides of the Ellen Creek gully downstream and down dip of the main zone. Chalcopyrite occurs in greenstones along trend of the Ellen Creek gully on the steep north facing side of the Shakwak Valley.

5) A strong copper soil anomaly covers the west side of the Ellen Creek gully and extends northwest into the Shakwak Valley. Spot high gold soil anomalies are concentrated in the high copper areas.

6) The HLEM survey located a weak conductor at the main zone and identified a similar anomaly on the upland area. A strong east-west trending HLEM and VLF conductor is located 170 meters downstream of the main zone.

RECOMMENDATIONS

Diamond drilling of the main zone and other targets is recommended in a two phase program of exploration. At the main zone on the west side of the gully, a drill pad could be situated on the old road (see Fig. 6). A drill site on the east side of the creek would require blasting. Road access is presently available to the base of the gully; a limited amount of cat work and blasting would extend the road to potential drill sites for the main zone. Alternately a drill could be moved in by helicopter for the initial phase.

The strong HLEM conductor A should also be tested by two holes. Road access is available to this site.

The following two phase program is proposed:

PHASE 1

Diamond Drilling, 400m	60,000
Geological supervision	7,500
Surface exploration	12,500
Camp and support	7,500
Transportation	7,500
Geochemistry, assays	5,500
Trenching & cat work	9,000
Report & assessment	5,500
TOTAL	$115,000

PHASE 2

Diamond drilling, 750m	100,000
Geological supervision	10,000
Assays	3,000
Camp, supplies	10,000
Transport	7,500
Cat work	15,000
Report	4,500
TOTAL	$150,000

STATEMENT OF COSTS

PERIOD: August 13-September 25, 1993

Can-Do Explorations;

Manager:	M. Elson
Personnel:	B. Saeur, V. Krause, J. Charlie, B. Shay, R. Pugh
Expediter:	H.__________
Contractors:	Amerok Geophysical
	G.S. Davidson, P.Geol.
	Polar Rose Expl.

Grid development and line cutting

Geochemistry

Geophysical surveys

Geology and prospecting

Trenching and road work

Camp and Support

Transportation

Analytical services: Northern Analytical

Management and expediting

Report, preparation, secretarial, copying, drafting

TOTAL COSTS $

CERTIFICATE

I, GRAHAM DAVIDSON, of the City of Whitehorse, in the Yukon Territory, HEREBY CERTIFY:

1. That I am a consulting geologist and that I supervised the work program described in this report.

2. That I am a graduate of the University of Western Ontario (H.BSc., 1981).

3. That I am registered as a professional geologist by the Association of Professional Engineers, Geologists and Geophysicists of Alberta (#42038).

4. That I have been engaged in mineral exploration on a full time basis for thirteen years in the Yukon, Northwest Territories and British Columbia.

5. That I own a 24.5% interest in all proceeds from the sale or option of the Ellen claims.

SIGNED at Whitehorse, Yukon this 17th day of December, 1993.

G.S. DAVIDSON, P.Geol.

G. Davidson

G.D.

REFERENCES

Report on HLEM and VLF Surveys on the Ellen Property, 1993, Amerok Geophysics

Canadian Barranca Mines Ltd., 1966, Drill Logs, Assessment Files, DIAND

Davidson, G.S., 1990, Summary Report on the Ellen Claims, Assessment Report, DIAND

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Kindle, E.D., 1953, Dezadeash Map-Area, Yukon Territory, G.S.C. Memoir 268

APPENDIX 1

APPENDIX 1

SAMPLE NUMBER	GRID	DESCRIPTION	AU PPB	CU PPM
18313	395W 080N	greenstone, quartz lenses, minor cpy, malachite	9	308
18314	430W 055N	chloritic greenstone, minor cpy in quartz veinlets	8	118
18315	470W 050N	serpentinized mafic volcanic quartz-calcite veins, py cubes	22	124
18316	475W 050N	narrow quartz vein, limonite gouge	9	669
18317	500W 095N	greenstone, quartz-calcite-chlorite vein, cpy + py, malachite	>6667	7321
18318	500W 082N	serpentinized greenstone, heavily weathered, cpy, malachite, limonite	217	11059
18319	500W 083N	chloritic argillite, patches of cpy + py	352	6697
18320	500W 135N	greenstone, minor cpy	60	363
18321	1700W 500N	gabbro, serpentinized, py	178	81
18322	1500W 200S	fine grained peridotite, limonite	<5	20
18323	1200W 175N	mafic volcanic, 2% py, limonite	8	774

18324	265W 100N	mafic tuff, quartz veins, diss. cpy, chlorite	6	3049
18325	265W 125N	mafic tuff, quartz veinlets, cpy + py, malachite	10	2829
18326	main zone	50cm chip, argillite, stringers & lenses of cpy + py, malachite	109	2.4%
18327	main zone	100cm chip, argillite, greenstone lenses & veinlets cpy + py, malachite	943	2.6%
18328	main zone	100cm chip, waxy black to brown weathered argillite, 20% lenses & veins cpy + py	516	9.0%
18329	main zone	180cm chip, black argillaceous tuff, 5% cpy lenses & bands	2286	16434
18330	main zone	180cm chip, argillaceous and greenstone tuff, quartz veins, 3% cpy + py bands	274	17393
18331	main zone	grab of best mineralized argillite, 25% cpy + py	6606	21%
18332	main zone	150cm chip, argillite, quartz bands, bands & lenses of cpy + py 20%, malachite, azurite	373	4.0%
18333	main zone	150cm chip, same as 18332	844	2.8%
18334	main zone	50cm chip, argillite, 5% cpy + py bands	56	3.5%
18335	main zone	90cm chip, argillite, cpy + py bands	25	9781

18336	main zone	120cm chip, greenstone & black argillaceous layers, cpy + py + quartz, malachite	44	4908
18337	main zone	150cm chip, andesite & argillite, bands and lenses of cpy + py + quartz	1060	6.7%
18338	main zone	grab, 5cm wide quartz sulphide vein, heavily weathered, limonite	304	16%
18339	430W 030N	argillaceous tuff, bands of cpy + py + quartz, malachite, azurite	79	9.1%
18340	430W 050N	argillaceous tuff, quartz rich layers, 2% cpy in veinlets	23	10515
18341	450W 118N	greenschist, rusty weathering minor py, limonite	10	447
18342	450W 125N	serpentinized zone, quartz-carbonate-sericite rock	10	318
18343	450W 135N	quartz-carbonate-sericite rock, limonite	15	67
18344	500E 050N	greenstone, quartz-calcite-chlorite veins	13	3560
18345	430W 025N	greenstone, quartz + cpy + py vein, limonite, 20% sulphides	993	13%
18346	430W 025N	25cm wide quartz-sulphide vein, 30% cpy + py cubes	>6667	6.4%
18347	470W 060N	greenstone, quartz banding, 2% diss. cpy + py	37	11919
18348	485W 095N	serpentininzed greenstone, malachite, azurite	70	7489

18349	465W 060N	silicified greenstone, quartz bands and lenses, minor cpy	14	2809
18350	300E 125N	greenschist, quartz bands, 3% cpy + py, azurite	199	18238
18351	300E 125N	same as above, more quartz	40	5207
18352	340E 100N	greenschist, quartz bands, py cubes, limonite	140	993
18353	340E 100N	greenschist, minor cpy + py	18	174
18354	450W 100N	greenstone, serpentinized, py	9	280
18355	450W 101N	300cm chip, foliated greenstone, minor py	10	179
18356	450W 104N	250cm chip, greenstone, minor py	64	173
18357	450W 108N	200cm chip, greenschist, limonite	12	187
18358	450W 113N	200cm chip, greenschist	13	200
18359	450W 123N	200cm chip, greenschist, limonite	35	225
18360	450W 126-129N	300cm chip, quartz-carbonate-sericite zone, limonite	9	126
18361	450W 129-131N	200cm chip, same as 18360	12	200

18362	450W 131-133N	200cm chip, same as 18360	8	251
18363	450W 133-135N	200cm chip, same as 18360	10	211
18364	620W 050S	greenstone, quartz-carbonate, minor cpy + py	433	7578

APPENDIX 2

PROBE RESOURCES LTD.

HLEM AND VLF SURVEYS OF THE ELLEN PROPERTY, HAINES JUNCTION AREA, YUKON TERRITORY

M A. Power M.Sc

Quartz claims

ELLEN 1-5	YA97362-YA97366
ELLEN 6-8	YB26797 -YB26799
ELLEN 9-20	YB27078 - YB27089
ELLEN 25-27	YB27094 - YB27096
ELLEN 28-31	YB35380 - YB35383
ELLEN 32-37	YB36844 - YB36849

Location 60° 52' N 137° 57 ' W
NTS 115 A 13
Territory/Province: Yukon Territory
Mining District: Whitehorse
Work Performed: August 26 - September 17, 1993
Date: October 22, 1993

Table of Contents

Summary

HLEM and VLF surveys were conducted on portions of the Ellen Property near the Jarvis River, Haines Junction area, Yukon Territory in August and September 1993 The HLEM survey located two weak conductors and one strong conductor in the area of known massive sulphide occurrences. The strong conductor has an apparent conductance in the range expected for massive sulphides, is discordant and stratigraphically below the exposed mineralization, and has an apparent strike length of 300 m

A. Introduction

This report describes the results of horizontal loop electromagnetic (HLEM) and very low frequency (VLF) surveys of portions of the Ellen Property near Jarvis River, Kluane area, Yukon The surveys were undertaken to locate massive sulphide targets in PermoTriassic volcanic rocks near the Shakwak Fault.

B. Location and access

The Ellen Property is located at 60° 52' N 137° 57' W in the Kluane Ranges of the Yukon Territory, approximately 200 km west of Whitehorse (Fig. 1) The property can be reached from the Alaska Highway using a tote road which meets the highway about 1 km north of the Jarvis River bridge This road runs 3 5 km southwest to a ford on the Jarvis River and then 5 km south into the property

C. Property

The Ellen Property consist of 49 Quartz claims in the Whitehorse Mining District, Y T The outline of the claim block is shown in Figure 1 and the property data as of 20 OCT 93 is shown below.

Claim name	Record Number	Expiry Date
Ellen 1-5	YA97362 - YA97366	14 NOV 95
Ellen 6	YB26797	29 SEP 95
Ellen 7	YB26798	01 MAY 95
Ellen 8	YA26799	29 SEP 95
Ellen 9-20	YB27078 - YB27089	11 DEC 95
Ellen 25 - 27	YB27094 - YB27096	11 DEC 95
Ellen 28-31	YB35480 - YB35483	22 OCT 97
Ellen 32-37	YB36844 - YB36849	12 AUG 97

D. Geology

The Ellen Property is underlain by metavolcanic and metasedimentary rocks and partially covered by thick unconsolidated glacial deposits (Fig. 2) Andesitic and basaltic volcanic rocks with intercalated pelagic shales (PMv) form a homoclinal unit with a mean bedding orientation of approximately 110° 50° S. The entire sequence has been metamorphosed to lower greenschist facies (Campbell and Dodds 1980). Unconsolidated

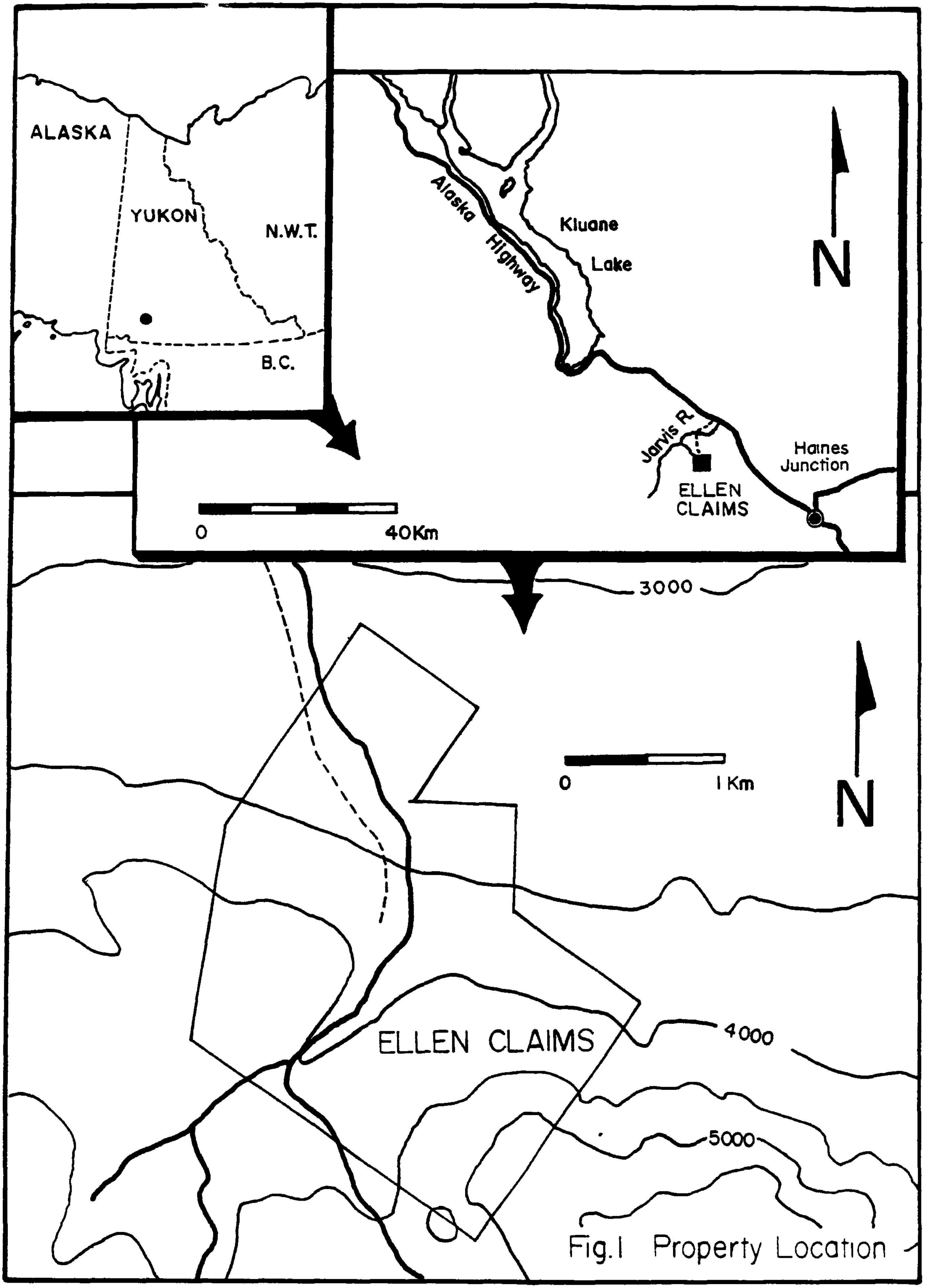


Fig.1 Property Location

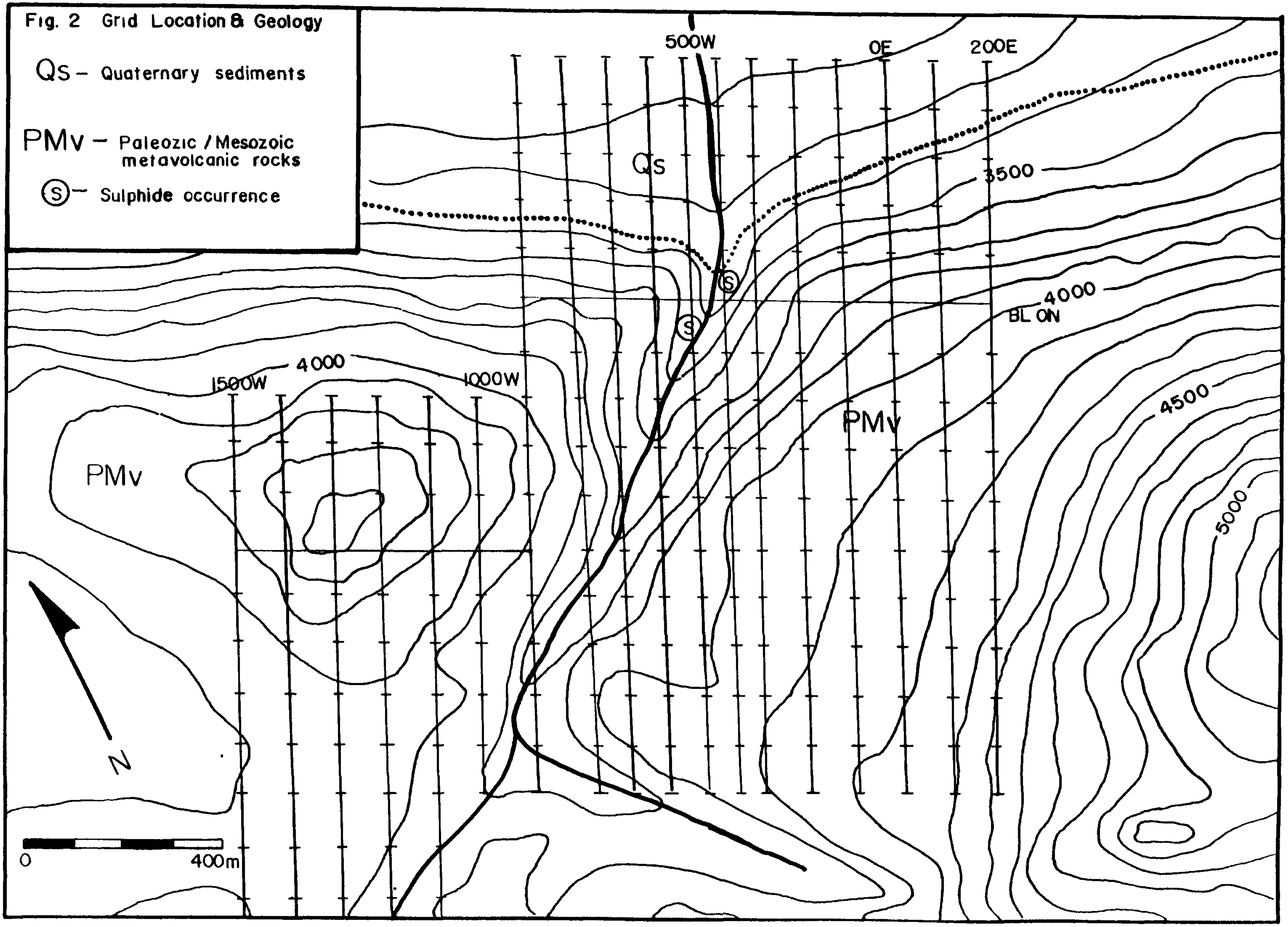


Fig. 2 Grid Location & Geology
Qs - Quaternary sediments
PMv - Paleozoic / Mesozoic metavolcanic rocks
S - Sulphide occurrence
500W
0E
200E
Qs
3500
4000
BL ON
1500W
4000
1000W
PMv
PMv
4500
5000
N
0
400m

glacial till (Qs) covers most of the property below 3500 feet Clay-rich boulder till is exposed in cuts along the access road and creek beds Thin deposits of locally derived glacial till cover most of the property but above the 3500 foot level these appear to be no more than 5 to 15 m thick Outcrop is generally restricted to the creek beds and no large scale structures have been mapped on the property

The main showing occurs along Ellen Creek approximately 100 m south of the base line between lines 400W and 500W It consists of a tabular massive sulphide body, about 1 m thick and oriented 110° 40° S composed mostly of chalcopyrite with lesser pyrite and quartz. Drill hole logs mention pyrrhotite as an accessory mineral Disseminated pyrite and chalcopyrite in quartz veins occur north of this showing near the baseline on the creek

E. Grid and survey specifications

The survey grid consists of 18 survey lines orthogonal to a baseline trending 110°. Lines vary in length from 1500 to 2500 m. The grid was first established in 1990 and the original grid is shown in Figure 2. The grid was re-established and extended in August 1993 Survey lines are 100 m apart extending from 200E to 1500W and stations run from 1000S to 1500N. Line 450W is an intermediate survey line parallel to Ellen Creek, covering the main showing. All line and station locations were slope corrected. Only a portion of the grid centred on the main showing in Ellen Creek was covered by the HLEM and VLF survey

The HLEM survey was performed with an Apex Parametrics Maxmin I-9 A complete description of the system is provided in Betz (1976). Gary Lee, P Eng operated the instrument on-site and performed the initial data processing. Frequency and coil separations used in the survey are listed below

Pass	Coil Spacing	Frequency
Initial	100 m	220 Hz
		880 Hz
		3520 Hz
Follow-up	50 m	440 Hz
		1760 Hz
		3520 Hz
	150 m	440 Hz
		880 Hz
		1760 Hz

Operating frequencies at the low end of the instrument range were selected to attenuate responses from weak conductors such as faults or zones of disseminated sulphide mineralization.

Variations in coil geometry strongly affect the in-phase component of the HLEM response To remove this source of noise, the survey was conducted with a nominal fixed cable length and measurements of the station-to-station terrain slope were taken with a clinometer In effect, the grid was rechained without slope correcting The corrected in-phase (IP) and quadrature (Q) components were then calculated from

$$IP = (IP_m + 100)K - 100 + 300 \sin^2 \varphi \quad (1)$$

$$Q = Q_m K \quad (2)$$

where:

$$K = (a_{corr} / a)^3 \quad (3)$$

$$\varphi = \tan^{-1} (\Sigma \sin \theta_i / \Sigma \cos \theta_i) \quad (4)$$

$$a_{corr} = d ((\Sigma \sin \theta_i)^2 + (\Sigma \cos \theta_i)^2)^{1/2} \quad (5)$$

and

a - nominal coil spacing

a_{corr} - corrected coil spacing

d - station spacing

θ_i - slope to the i-th station between the transmitter and receiver measured in the direction of travel and summed over the number of stations in a coil spacing.

Q_m - uncorrected quadrature component

IP_m - uncorrected in-phase component

The apparent noise envelope after these corrections is approximately ± 4% for the 50 m coils and ± 2% for the larger coil spacings

Portions of the grid were on slopes exceeding 45° and this created a significant mismatch between the HLEM grid coordinates recorded by the operator and the true slope-corrected grid coordinates. Consequently, HLEM data listed in this report (Appendix B and Figures 4 and 5) are referenced to a straight chained grid coordinate system: VLF and magnetic field data together with HLEM conductor axes on the anomaly map (Fig. 7) are referenced to the slope-corrected grid coordinate system.

The VLF-EM survey was conducted with a Geonics EM-16 VLF receiver operated by Brian Sauer Readings of the field tilt in percent using the Cutler, Maine (NAA) transmitter were taken at 25 m stations. The facing direction was south producing anomalies which cross from positive to negative moving north to south over a discrete conductor

F. Results

Total magnetic field data collected in 1990 by G. Davidson, P. Geol , was reprocessed and is plotted in Figure 3. Despite the presence of pyrrhotite in drill holes near the main showing, there is no magnetic response in this area (400W - 500W, 100S) A pronounced magnetic low occurs on the northwest edge of the grid, it appears to be caused by a reversed magnetized source and is distant from all known sulphide occurrences

The results of the HLEM survey are shown in Figures 4 to 7. Appendix B contains a listing of the corrected HLEM data. Figure 4 displays a line profile map of the HLEM data collected at the 100 m coil spacing on the 3520 Hz channel. This frequency produced the best responses. One strong anomaly (A) and two weak anomalies (B, C) were detected on this pass. The slope-corrected grid locations of all conductor axes are shown in Figure 7 together with known sulphide occurrences.

Anomaly A was considered promising given its strength and proximity to known sulphide occurrences. Portions of lines 300W, 400W and 450W covering this anomaly were resurveyed in a second pass. The strongest responses were recorded on line 400W and the results are shown in Figure 5. Best estimates of conductor parameters were calculated from characteristic curves developed by Ketola and Puranen (1967). They are listed below:

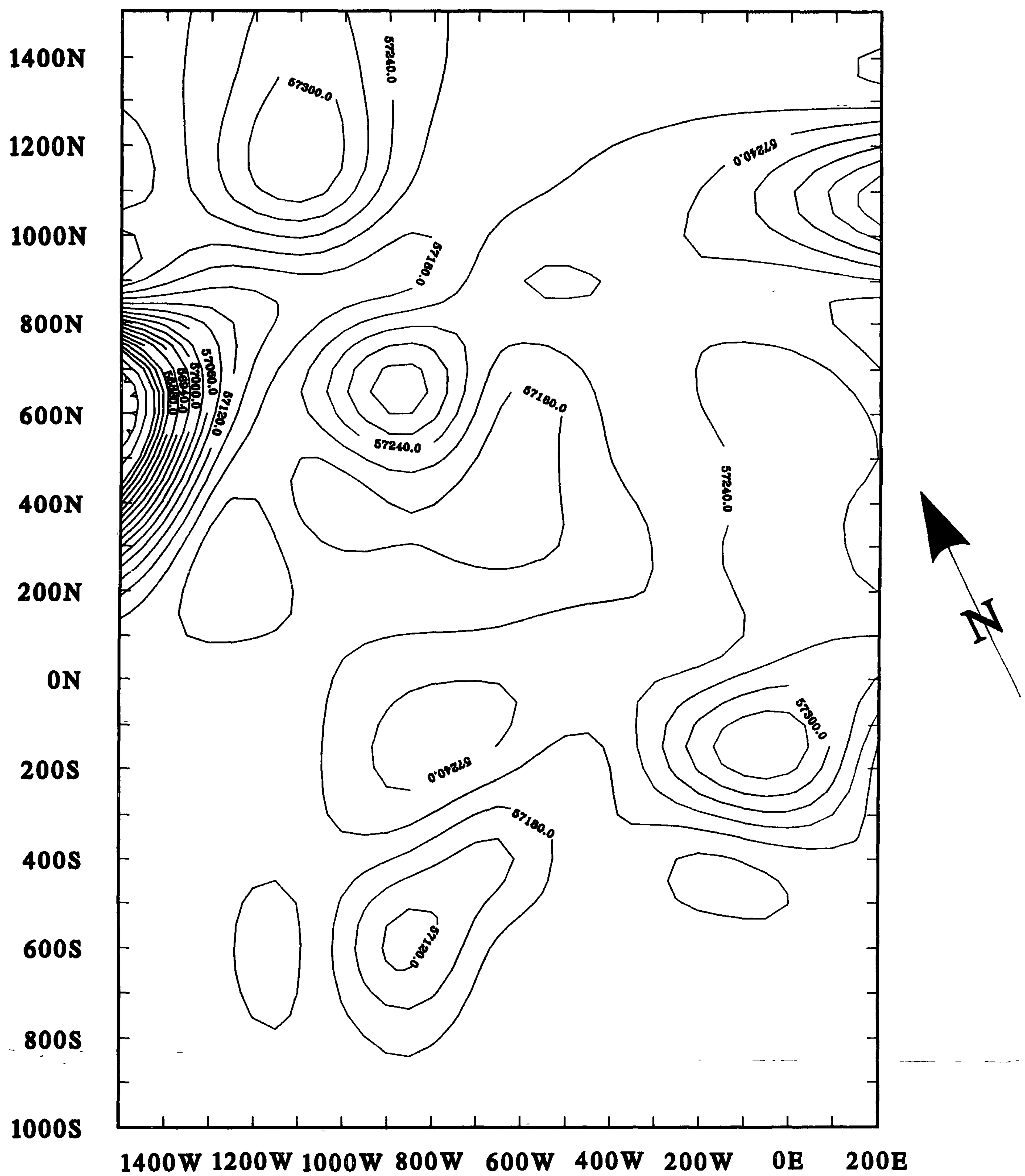
Apex: Line 400W Station 160N (slope corrected grid)

Depth to top: Less than 25 m; a weak response at the 50 m coils suggests that the conductor may not outcrop beneath colluvium.

Dip: Shallow to the North. This is indicated by the topographic expression of the conductor axis, by solution of the 3-point problem and by the response asymmetry. The larger positive response flanking the central low will occur on the down dip side of the conductor. In this case, the larger flanking positive anomalies tend to occur on the north side of the low.

Strike: Approximately 350°

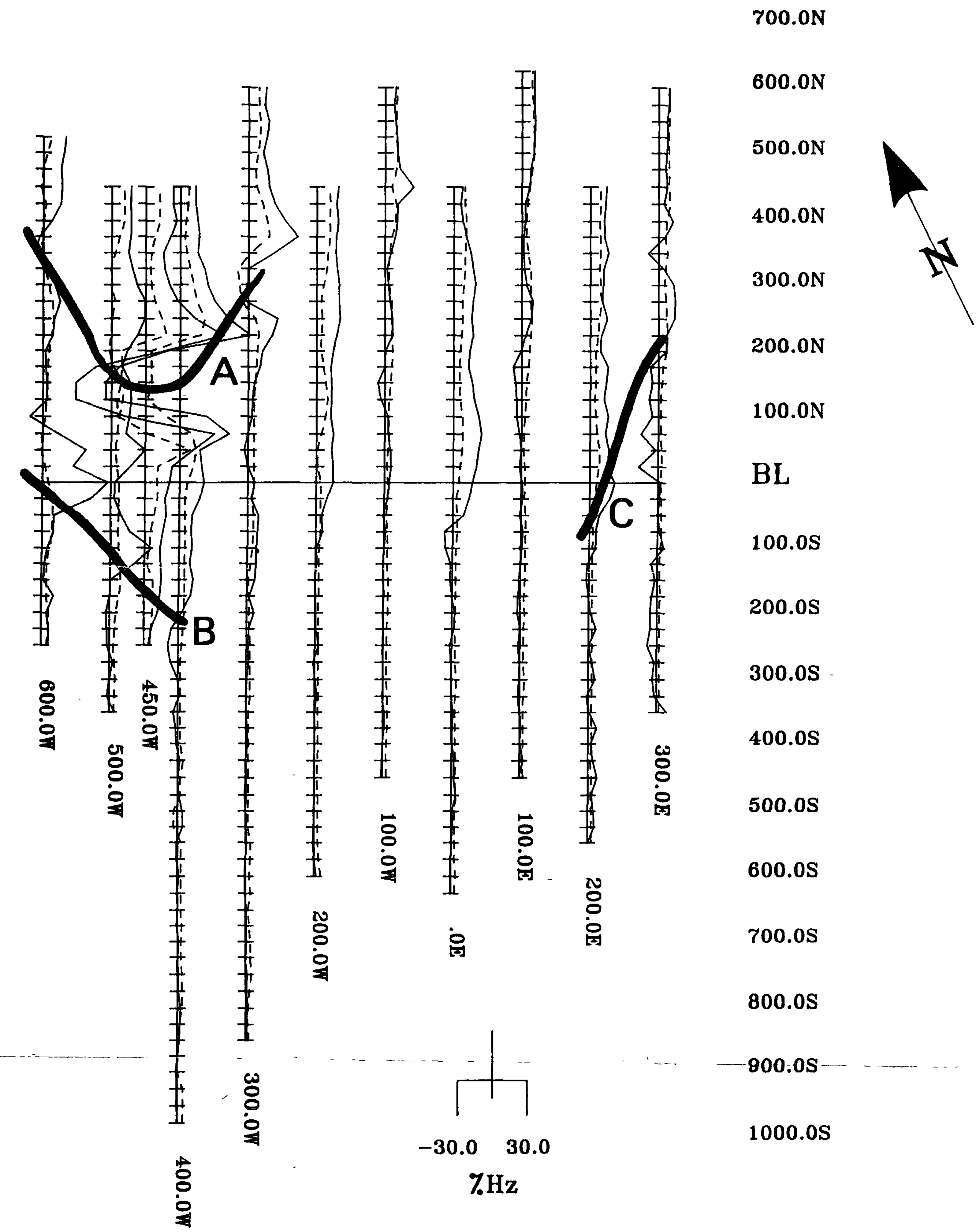
Thickness: Less than 10 m; the distance between zero crossovers is not significantly different from the coil spacings.



0 400
metres

Contour interval: 30 nT

PROBE RESOURCES	Claims: ELLEN 1-37	
ELLEN PROPERTY Total Magnetic Field Survey	Mining District: Whitehorse	
	NTS: 115 A 13	
	OPERATOR: G. Davidson P. Geol	
AMEROK GEOPHYSICS	DATE: 15 OCT 93	Figure: 3



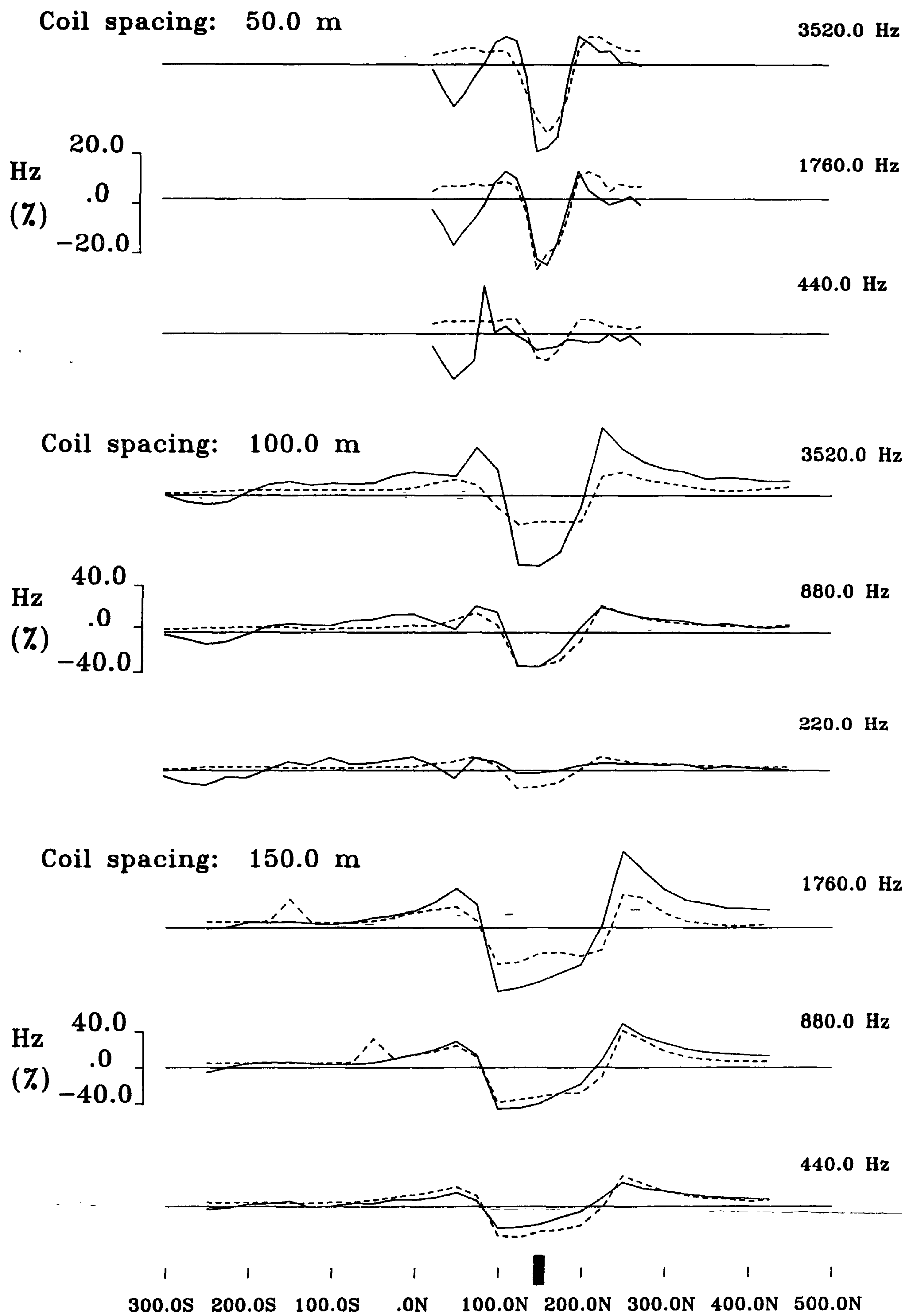
(In-Phase solid / Quadrature dashed)

0 metres 200

Conductor axis

Coil Spacing: 100 m
Frequency: 3520 Hz

PROBE RESOURCES	Claims: ELLEN 1-37
ELLEN PROPERTY Maxmin 1-9 Survey	Mining District: Whitehorse NTS: 115 A 13 OPERATOR: G Lee P Eng
AMEROK GEOPHYSICS	DATE: 15 OCT 93 | Figure: 4



(In-phase solid / Quadrature dashed)

Stacked Profiles - Line 400W

PROBE RESOURCES	Claims. ELLEN 1-37
ELLEN PROPERTY Maxmin I-9 Survey	Mining District: Whitehorse NTS: 115 A 13 OPERATOR: G. Lee P.Eng
AMEROK GEOPHYSICS	DATE 15 OCT 93 | Figure: 5

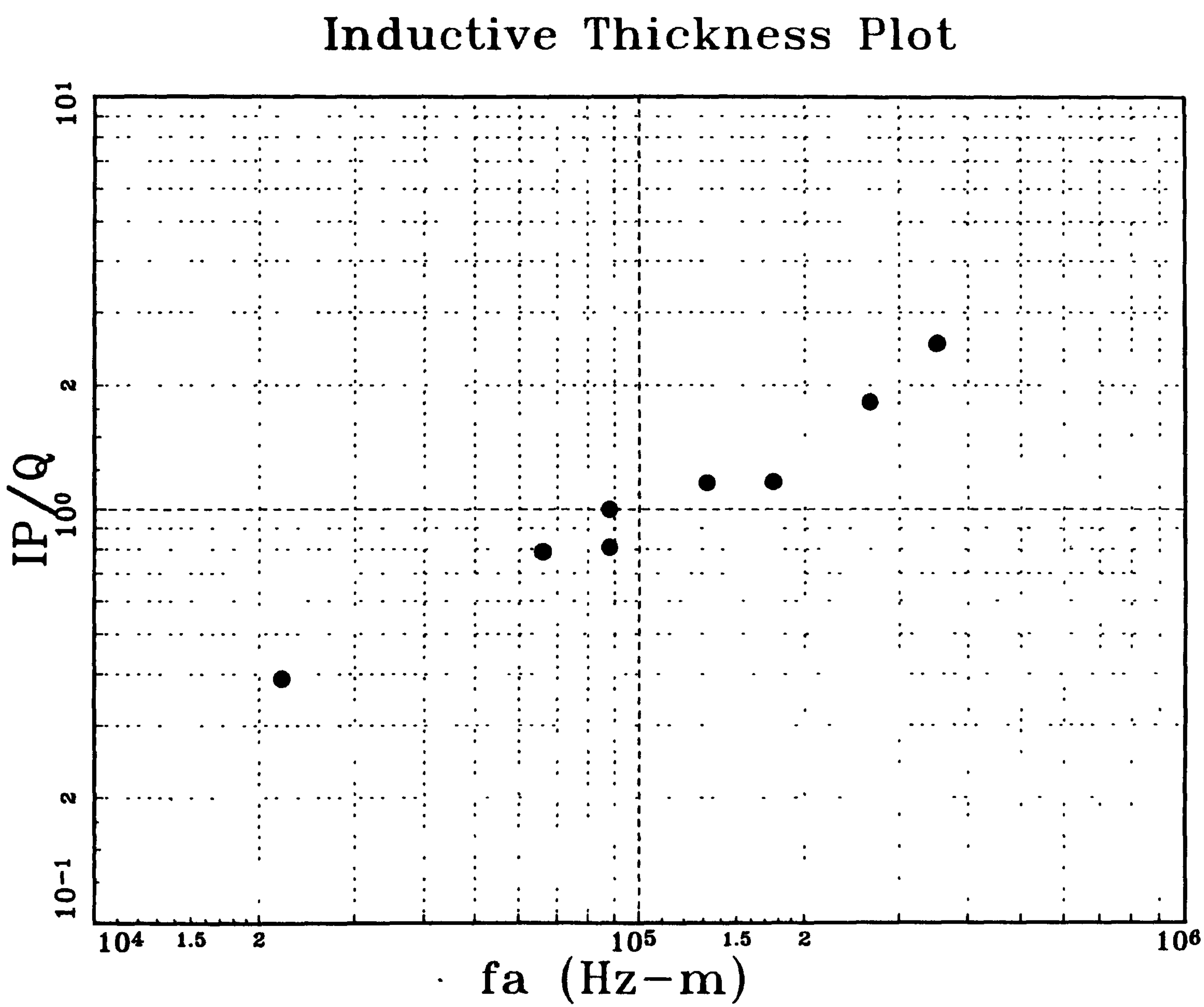


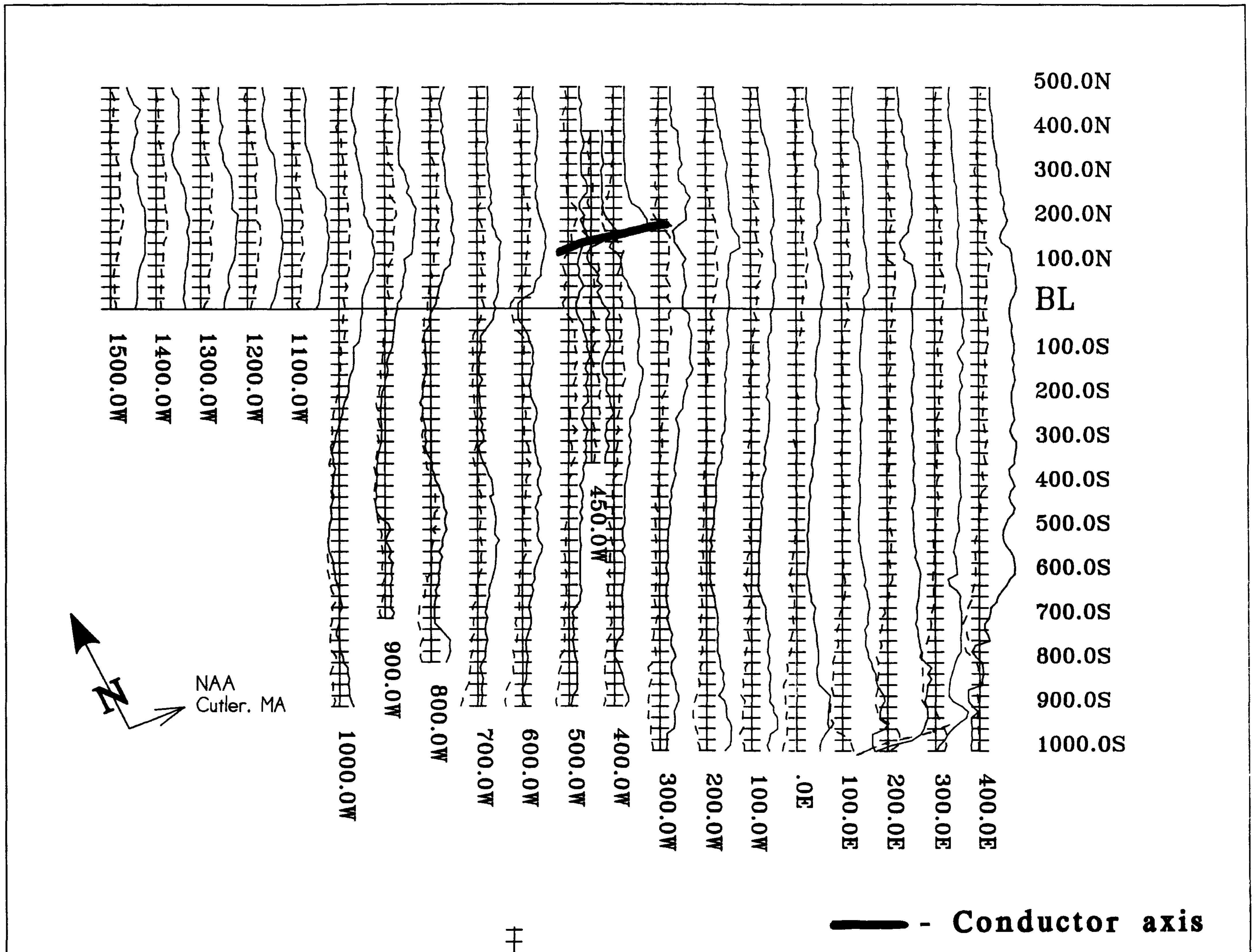
Figure 6. IP/Q ratios versus frequency-separation products for Line 400W

<u>σt</u> Approximately 6 S

σt estimates can be significantly in error and are usually too low if the conductor is not "inductively thin" (Betz 1967) This property can be verified by plotting the ratio of IP/Q versus the response parameter or, equivalently, versus the product of the frequency and coil spacing (f*a) In an inductively thin conductor, a log-log plot of IP/Q versus f*a will produce a straight line A plot of IP/Q versus f*a for the responses on line 400W is shown in Figure 6 The general trend of the data is definitely linear, confirming the reliability of the σt estimate The estimated conductance of 6 S is within the range of conductances normally noted over massive sulphide conductors (Palacky 1987) Unfortunately, it is also within the recorded conductance range of graphite conductors

Anomalies **B** and **C** are very weak inflection anomalies which could be following a geological contact They are of interest only insofar as they are proximal to sulphide occurrences

The results of the VLF-EM survey are shown in Figure 8 and a data listing is contained in Appendix C A pronounced response coincident with Anomaly **A** is the only significant feature in the data The long wave length anomalies in the data are apparently caused by topography



PROBE RESOURCES	Claims: ELLEN I-37
ELLEN PROPERTY EM-16 VLF Survey	Mining District: Whitehorse NTS: 115 A 13
AMEROK GEOPHYSICS	OPERATOR: B. Sauer DATE: 15 OCT 93 Figure: 8

G. Conclusions

The results of the survey lead to the following conclusions

(1) Conductor **A** has a σt within the range of conductances normally displayed by massive sulphides and graphite

(2) Conductor **A** is proximal to and stratigraphically down section from several concordant sulphide showings.

(3) Conductor **A** is possibly a discordant structure apparently dipping at a shallow angle to the north whereas bedding dips moderately south.

(4) Anomalies **B** and **C** are very weak and their source conductors are unlikely to be significant bodies of conductive massive sulphide.

H. Recommendations

Anomaly **A** should be tested by drill holes on lines 400W and 300W. If sulphides are intersected, the drill hole should be surveyed with a down hole time domain EM system (eg. Crone or UTEM) to attempt to locate a possibly larger, concordant massive sulphide body

Respectfully submitted,
AMEROK GEOPHYSICS

M A. Power M. Sc.
Geophysicist

Whitehorse, Yukon Territory
October 22, 1993

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Ketola M and M. Puranen (1967). Type curves for the interpretation of Slingram (horizontal loop) anomalies over tabular bodies Geological Survey of Finland.

Palacky G J (1987).Resistivity Characteristics of Geologic Targets in. Nabighian, M. Electromagnetic Methods in Applied Geophysics - Theory Volume I. Tulsa Society of Exploration Geophysicists.

Appendix A. Statement of Qualifications

I, Michael Allan Power of Whitehorse, Yukon Territory, certify that:

1 I obtained a Bachelor of Science degree with First Class Honours in Geology from the University of Alberta in 1986 and a Masters degree in Geophysics from the University of Alberta in 1988

2. I have worked in the mining exploration industry and in geophysical research since 1984

3 I supervised the HLEM survey described in this report and prepared this report for submission.

4. I have not received nor expect to receive, directly or indirectly, any interest in the property of Probe Resources Ltd.

Michael A. Power M.Sc.

Whitehorse, Yukon Territory
October 22, 1993

APPENDIX 3

iPL
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Vancouver, B C
Canada V5Y 3E1
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Fax (604) 879-7898

CERTIFICATE OF ANALYSIS
iPL 93J1402

Northern Analytical Laboratories 41 Samples 0= Rock 0= Soil 0= Core 0=RC Ct 0= Pulp 41=Other [057011:55.15:39102093]

Out: Oct 20, 1993 Project: WO 00346 Raw Storage: -- -- -- -- -- 03Mon/Dis Mon=Month Dis=Discard
In : Oct 14, 1993 Shipper: Norm Smith Pulp Storage: -- -- -- -- -- 12Mon/Dis Rtn=Return Arc=Archive
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ATT: Norm Smith Ph.403/668-4968
Fx:403/668-4890

Analytical Summary

##	Code	Method	Title	Limit Low	Limit High	Units	Description	Element	##
01	721P	ICP	Ag	0.1	100	ppm	Ag ICP	Silver	01
02	711P	ICP	Cu	1	20000	ppm	Cu ICP	Copper	02
03	714P	ICP	Pb	2	20000	ppm	Pb ICP	Lead	03
04	730P	ICP	Zn	1	20000	ppm	Zn ICP	Zinc	04
05	703P	ICP	As	5	9999	ppm	As ICP 5 ppm	Arsenic	05
06	702P	ICP	Sb	5	9999	ppm	Sb ICP	Antimony	06
07	732P	ICP	Hg	3	9999	ppm	Hg ICP	Mercury	07
08	717P	ICP	Mo	1	9999	ppm	Mo ICP	Molydenum	08
09	747P	ICP	Tl	10	999	ppm	Tl ICP 10 ppm	Thallium	09
10	705P	ICP	Bi	2	999	ppm	Bi ICP	Bismuth	10
11	707P	ICP	Cd	0.1	100	ppm	Cd ICP	Cadmium	11
12	710P	ICP	Co	1	999	ppm	Co ICP	Cobalt	12
13	718P	ICP	Ni	1	999	ppm	Ni ICP	Nickel	13
14	704P	ICP	Ba	2	9999	ppm	Ba ICP	Barium	14
15	727P	ICP	W	5	999	ppm	W ICP	Tungsten	15
16	709P	ICP	Cr	1	9999	ppm	Cr ICP	Chromium	16
17	729P	ICP	V	2	999	ppm	V ICP	Vanadium	17
18	716P	ICP	Mn	1	9999	ppm	Mn ICP	Manganese	18
19	713P	ICP	La	2	9999	ppm	La ICP	Lanthanum	19
20	723P	ICP	Sr	1	9999	ppm	Sr ICP	Strontium	20
21	731P	ICP	Zr	1	999	ppm	Zr ICP	Zirconium	21
22	736P	ICP	Sc	1	99	ppm	Sc ICP	Scandium	22
23	726P	ICP	Ti	0.01	1.00	%	Ti ICP	Titanium	23
24	701P	ICP	Al	0.01	9.99	%	Al ICP	Aluminum	24
25	708P	ICP	Ca	0.01	9.99	%	Ca ICP	Calcium	25
26	712P	ICP	Fe	0.01	9.99	%	Fe ICP	Iron	26
27	715P	ICP	Mg	0.01	9.99	%	Mg ICP	Magnesium	27
28	720P	ICP	K	0.01	9.99	%	K ICP	Potassium	28
29	722P	ICP	Na	0.01	5.00	%	Na ICP	Sodium	29
30	719P	ICP	P	0.01	5.00	%	P ICP	Phosphorus	30

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Client: Northern Analytical Laboratories iPL: 93J1402 Out: Oct 20, 1993 Section 1 of 1
Project: WO 00346 41 Rock Pulp In: Oct 14, 1993 Certified BC Assayer: David Chiu

Sample Name		Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
018313	R	<	303	26	108	6	<	<	8	<	<	<	36	61	22	5	109	165	1237	2	16	1	8	0.14	2.87	1.16	6.57	3.07	0.02	0.02	0.08
018314	R	<	118	8	92	<	<	<	4	<	<	<	26	19	31	<	37	99	783	2	8	2	2	0.27	1.60	1.67	4.37	1.61	0.08	0.04	0.08
018315	R	<	124	8	42	19	<	<	3	<	<	<	50	65	3	<	136	70	447	<	10	4	2	0.32	1.62	0.55	5.03	1.62	<	0.03	0.05
018316	R	<	669	9	96	<	<	<	7	<	<	<	24	41	8	<	110	143	360	<	10	1	10	0.03	1.82	0.25	4.91	1.79	0.01	0.03	0.04
018317	R	22.5	7321	11	47	<	<	<	14	<	<	<	32	28	65	7	87	63	505	<	10	2	5	0.09	1.66	0.12	5.53	1.22	0.03	0.01	0.01
018318	R	6.2	11059	15	60	<	<	<	29	<	<	<	53	47	34	10	139	152	592	<	31	5	7	0.31	3.00	0.37	14%	2.02	0.03	0.02	0.02
018319	R	1.2	6697	17	111	<	<	<	14	<	<	<	65	46	42	<	121	130	1330	<	44	2	2	0.15	4.23	0.40	11%	3.41	0.05	0.02	0.05
018320	R	0.6	363	11	63	10	<	<	9	<	<	<	38	43	11	<	98	99	784	2	5	4	2	0.40	2.02	0.59	8.32	1.88	0.01	0.03	0.12
018321	R	<	81	8	35	<	<	<	4	<	<	<	21	37	136	<	96	71	963	<	41	4	3	0.37	1.03	0.87	6.20	1.05	0.17	0.03	0.06
018322	R	0.3	20	8	10	<	6	<	5	<	<	0.3	111	0.2%	8	<	213	5	477	<	4	1	3	<	0.10	0.10	3.33	18%	<	0.01	<
018323	R	0.2	774	6	25	5	<	<	6	<	<	<	21	32	11	<	93	63	247	<	34	3	3	0.31	1.06	0.90	2.38	0.80	<	0.02	0.04
018324	R	1.0	3049	13	47	<	<	<	4	<	<	<	26	54	20	<	104	76	531	<	26	2	4	0.31	1.84	0.96	3.82	1.77	0.01	0.03	0.05
018325	R	1.2	2829	12	67	7	<	<	5	<	<	<	38	47	22	<	86	90	749	<	27	5	4	0.43	2.20	1.06	4.78	2.00	<	0.02	0.07
018326	R	2.5	2.4%	18	142	8	<	<	45	<	<	<	71	72	33	11	72	252	1724	<	7	3	18	0.16	5.76	0.28	16%	3.90	0.01	0.02	0.07
018327	R	2.4	2.6%	15	145	<	<	<	33	<	<	<	75	44	19	8	74	275	1857	<	6	3	19	0.13	6.09	0.23	16%	3.91	0.01	0.01	0.07
018328	R	5.0	9.0%	13	183	31	<	<	75	<	<	<	85	58	6	21	124	182	1466	<	2	3	15	0.08	4.96	0.15	17%	3.49	<	0.02	<
018329	R	1.2	16434	14	135	<	<	<	18	<	<	<	85	70	4	<	151	194	1685	<	2	2	15	0.08	5.93	0.31	14%	4.17	<	0.01	0.05
018330	R	1.4	17393	15	126	5	<	<	12	<	<	<	53	66	<	<	128	139	1219	<	2	2	8	0.13	4.12	0.34	9.62	3.74	<	0.02	0.04
018331	R	15.2	21%	22	299	85	<	<	80	<	3	<	96	48	12	35	46	94	547	<	4	3	7	0.07	1.91	0.09	19%	1.24	<	0.01	<
018332	R	3.0	4.0%	14	165	7	<	<	29	<	<	<	68	60	16	8	127	166	1446	<	6	3	10	0.11	4.78	0.21	14%	3.37	0.01	0.01	0.03
018333	R	2.5	2.8%	15	166	<	<	<	51	<	<	<	75	61	11	6	135	190	1612	<	6	2	12	0.10	5.26	0.19	14%	3.74	0.02	0.02	0.03
018334	R	3.2	3.5%	15	178	<	<	<	18	<	<	<	69	73	15	8	148	183	1789	<	7	3	6	0.21	5.11	0.36	14%	3.97	0.01	0.01	0.04
018335	R	1.0	9781	13	107	10	<	<	10	<	<	<	48	71	4	7	161	140	1301	<	8	3	4	0.29	3.55	0.51	8.41	3.03	<	0.03	0.07
018336	R	0.8	4908	16	138	<	<	<	8	<	<	<	59	78	51	<	156	172	1742	<	6	2	5	0.26	4.52	0.46	9.99	3.67	<	0.02	0.06
018337	R	4.3	6.7%	17	157	7	<	<	98	<	<	<	66	52	13	17	11	238	1582	<	8	3	11	0.11	4.93	0.30	15%	3.52	0.01	0.01	0.06
018338	R	25.5	16%	16	324	35	<	<	269	<	<	<	29	31	26	31	67	88	536	<	3	4	5	0.09	1.97	0.09	18%	1.59	0.01	0.02	<
018339	R	17.2	9.1%	14	221	<	<	<	11	<	<	<	69	34	15	20	24	130	907	<	7	2	3	0.13	2.67	0.20	13%	2.18	<	0.01	0.01
018340	R	3.8	10515	9	82	7	<	<	7	<	<	<	37	30	2	7	77	82	857	<	1	1	4	0.06	2.56	0.11	6.63	2.37	<	0.01	0.01
018341	R	0.5	447	11	87	<	<	<	5	<	<	<	41	67	12	<	98	136	930	<	21	3	4	0.31	3.02	2.22	6.65	3.36	0.04	0.02	0.08
018342	R	<	318	7	39	<	<	<	5	<	<	<	19	31	13	<	102	75	616	<	33	2	3	0.24	1.29	4.34	2.93	1.50	0.04	0.03	0.04
018343	R	<	67	5	16	65	25	4	4	<	<	0.5	83	0.1%	12	<	1129	13	506	<	119	1	3	0.01	0.17	1.34	3.10	16%	<	0.01	<
018344	R	1.9	3560	10	88	<	<	<	3	<	<	<	39	75	<	<	190	91	720	<	12	2	3	0.35	2.39	0.72	5.28	2.60	0.01	0.02	0.05
018345	R	25.5	13%	11	156	8	<	<	172	<	<	<	13	24	29	37	75	29	108	<	3	3	2	0.07	0.37	0.03	15%	0.36	<	0.01	<
018346	R	12.5	6.4%	129	91	16	<	<	231	<	<	<	27	46	16	19	76	47	127	<	5	4	1	0.13	0.54	0.05	14%	0.43	0.01	0.02	<
018347	R	3.9	11919	11	151	<	<	<	69	<	<	<	27	22	9	7	87	79	555	<	4	2	3	0.16	1.91	0.16	6.43	1.61	<	0.01	0.02
018348	R	3.8	7489	13	189	<	<	<	11	<	<	<	28	41	12	<	111	107	899	<	5	4	3	0.29	2.43	0.55	6.96	2.26	<	0.02	0.04
018349	R	1.7	2809	5	43	6	<	<	11	<	<	<	16	11	5	<	78	32	269	<	1	1	1	0.07	0.71	0.08	2.62	0.69	<	0.01	0.01
018350	R	27.5	18238	17	165	9	<	<	346	<	<	<	43	41	58	<	58	203	688	<	20	3	9	0.02	3.40	0.37	19%	2.53	0.07	0.02	0.04
018351	R	3.1	5207	8	109	9	<	<	119	<	<	<	22	23	34	<	119	68	438	<	5	1	3	0.01	1.48	0.12	7.72	1.20	0.02	0.02	0.02
Min Limit		0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate

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iPL 93J1402

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Client: Northern Analytical Laboratories iPL: 93J1402 Out: Oct 20, 1993 Section 1 of 1
Project: WO 00346 41 Rock Pulp In: Oct 14, 1993 Certified BC Assayer: David Chiu

Sample Name		Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
018352	R	1.9	993	2	9	80	9	<	27	<	<	<	5	5	12	<	94	22	67	<	5	1	1	0.06	0.21	0.05	3.11	0.15	0.01	0.02	0.01
018353	R	0.4	174	11	63	9	<	<	12	<	<	<	27	40	10	<	97	210	656	<	9	3	3	0.49	2.22	0.39	5.82	2.23	0.02	0.04	0.03
Min Limit		0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

--=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate

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Probe Resources

WO 00346

Sample	Au ppb
18313	9
18314	8
18315	22
18316	9
18317	>6667
18318	217
18319	352
18320	60
18321	178
18322	<5
18323	8
18324	6
18325	10
18326	109
18327	943
18328	516
18329	2286
18330	274
18331	6606
18332	373
18333	844
18334	56
18335	25
18336	11
18337	1060
18338	304
18339	79
18340	23
18341	10
18342	10
18343	15
18344	13
18345	993
18346	>6667
18347	37
18348	70
18349	14
18350	199
18351	40
18352	140
18353	18

Certified by

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CERTIFICATE OF ANALYSIS
iPL 93J1403

Northern Analytical Laboratories 11 Samples 0= Rock 0= Soil 0= Core 0=RC Ct 0= Pulp 11=Other [057111:56·31:39102093]
Out· Oct 20, 1993 Project: WO 00349 Raw Storage. -- -- -- -- -- 03Mon/Dis Mon=Month Dis=Discard
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ATT· Norm Smith
Ph:403/668-4968
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Analytical Summary

##	Code	Method	Title	Limit Low	Limit High	Units	Description	Element	##
01	721P	ICP	Ag	0.1	100	ppm	Ag ICP	Silver	01
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03	714P	ICP	Pb	2	20000	ppm	Pb ICP	Lead	03
04	730P	ICP	Zn	1	20000	ppm	Zn ICP	Zinc	04
05	703P	ICP	As	5	9999	ppm	As ICP 5 ppm	Arsenic	05
06	702P	ICP	Sb	5	9999	ppm	Sb ICP	Antimony	06
07	732P	ICP	Hg	3	9999	ppm	Hg ICP	Mercury	07
08	717P	ICP	Mo	1	9999	ppm	Mo ICP	Molydenum	08
09	747P	ICP	Tl	10	999	ppm	Tl ICP 10 ppm	Thallium	09
10	705P	ICP	Bi	2	999	ppm	Bi ICP	Bismuth	10
11	707P	ICP	Cd	0.1	100	ppm	Cd ICP	Cadmium	11
12	710P	ICP	Co	1	999	ppm	Co ICP	Cobalt	12
13	718P	ICP	Ni	1	999	ppm	Ni ICP	Nickel	13
14	704P	ICP	Ba	2	9999	ppm	Ba ICP	Barium	14
15	727P	ICP	W	5	999	ppm	W ICP	Tungsten	15
16	709P	ICP	Cr	1	9999	ppm	Cr ICP	Chromium	16
17	729P	ICP	V	2	999	ppm	V ICP	Vanadium	17
18	716P	ICP	Mn	1	9999	ppm	Mn ICP	Manganese	18
19	713P	ICP	La	2	9999	ppm	La ICP	Lanthanum	19
20	723P	ICP	Sr	1	9999	ppm	Sr ICP	Strontium	20
21	731P	ICP	Zr	1	999	ppm	Zr ICP	Zirconium	21
22	736P	ICP	Sc	1	99	ppm	Sc ICP	Scandium	22
23	726P	ICP	Ti	0.01	1.00	%	Ti ICP	Titanium	23
24	701P	ICP	Al	0.01	9.99	%	Al ICP	Aluminum	24
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27	715P	ICP	Mg	0.01	9.99	%	Mg ICP	Magnesium	27
28	720P	ICP	K	0.01	9.99	%	K ICP	Potassium	28
29	722P	ICP	Na	0.01	5.00	%	Na ICP	Sodium	29
30	719P	ICP	P	0.01	5.00	%	P ICP	Phosphorus	30

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CERTIFICATE OF ANALYSIS
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Client: Northern Analytical Laboratories iPL: 93J1403 Out: Oct 20, 1993 Section 1 of 1
Project: WO 00349 11 Rock Pulp In: Oct 14, 1993 Certified BC Assayer: David Chiu

Sample Name		Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
018354	R	<	280	12	70	<	<	<	4	<	<	<	34	40	9	<	86	128	911	<	11	2	2	0.42	1.90	1.00	5.01	1.95	0.01	0.04	0.09
018355	R	0.1	179	11	96	<	<	<	5	<	<	<	34	51	37	<	109	142	953	2	52	2	10	0.29	2.23	2.97	5.28	3.03	0.07	0.02	0.07
018356	R	0.2	173	14	92	<	<	<	5	<	<	<	36	60	193	5	119	194	1081	2	92	2	20	0.24	3.09	4.79	6.23	4.40	0.11	0.03	0.07
018357	R	0.2	187	13	87	<	<	<	6	<	<	<	39	63	131	<	116	187	1015	<	72	2	14	0.34	2.73	4.18	6.33	3.75	0.14	0.03	0.07
018358	R	<	200	13	86	5	<	<	5	<	<	<	40	65	106	<	111	165	1122	<	65	2	10	0.39	2.66	3.41	6.45	3.59	0.11	0.03	0.07
018359	R	0.1	225	14	82	<	<	<	5	<	<	<	41	90	59	<	178	141	869	<	25	2	6	0.45	2.58	1.32	5.51	2.93	0.08	0.03	0.06
018360	R	<	126	13	56	6	6	<	4	<	<	<	38	114	7	6	258	76	554	<	15	1	3	0.31	2.21	0.85	4.06	2.49	0.02	0.03	0.04
018361	R	<	200	10	70	6	5	<	4	<	<	<	41	107	5	<	232	96	672	<	21	2	3	0.45	2.42	1.37	4.69	2.57	0.01	0.02	0.04
018362	R	<	251	9	61	<	9	<	4	<	<	<	38	101	49	<	290	95	611	<	49	3	3	0.49	2.05	1.62	4.07	2.28	0.04	0.03	0.04
018363	R	<	211	9	58	<	6	<	4	<	<	<	31	84	21	<	224	74	596	<	21	3	3	0.39	1.87	2.56	3.36	2.26	0.02	0.03	0.04
018364	R	1.6	7578	10	57	<	<	<	3	<	<	<	31	41	5	<	113	77	440	<	14	3	3	0.33	1.61	0.78	4.10	1.71	<	0.04	0.05

	Ag	Cu	Pb	Zn	As	Sb	Hg	Mo	Tl	Bi	Cd	Co	Ni	Ba	W	Cr	V	Mn	La	Sr	Zr	Sc	Ti	Al	Ca	Fe	Mg	K	Na	P
Min Limit	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*	99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

--=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate

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Probe Resources WO 00349

Sample	Au ppb
18354	9
18355	10
18356	64
18357	12
18358	13
18359	35
18360	9
18361	12
18362	8
18363	10
18364	433

Certified by

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CERTIFICATE OF ANALYSIS
iPL 93J1401

Northern Analytical Laboratories 682 Samples 0= Rock 0= Soil 0= Core 0=RC Ct 678= Pulp 4=Other [056911 45.16:39102093]
Out Oct 20, 1993 Project: WO 00325 Raw Storage -- -- -- -- 12Mon/Dis 03Mon/Dis Mon=Month Dis=Discard
In Oct 14, 1993 Shipper: Norm Smith Pulp Storage -- -- -- -- 12Mon/Dis 12Mon/Dis Rtn=Return Arc=Archive
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Analytical Summary

##	Code	Method	Title	Limit Low	Limit High	Units	Description	Element	##
01	721P	ICP	Ag	0.1	100	ppm	Ag ICP	Silver	01
02	711P	ICP	Cu	1	20000	ppm	Cu ICP	Copper	02
03	714P	ICP	Pb	2	20000	ppm	Pb ICP	Lead	03
04	730P	ICP	Zn	1	20000	ppm	Zn ICP	Zinc	04
05	703P	ICP	As	5	9999	ppm	As ICP 5 ppm	Arsenic	05
06	702P	ICP	Sb	5	9999	ppm	Sb ICP	Antimony	06
07	732P	ICP	Hg	3	9999	ppm	Hg ICP	Mercury	07
08	717P	ICP	Mo	1	9999	ppm	Mo ICP	Molydenum	08
09	747P	ICP	Tl	10	999	ppm	Tl ICP 10 ppm	Thallium	09
10	705P	ICP	Bi	2	999	ppm	Bi ICP	Bismuth	10
11	707P	ICP	Cd	0.1	100	ppm	Cd ICP	Cadmium	11
12	710P	ICP	Co	1	999	ppm	Co ICP	Cobalt	12
13	718P	ICP	Ni	1	999	ppm	Ni ICP	Nickel	13
14	704P	ICP	Ba	2	9999	ppm	Ba ICP	Barium	14
15	727P	ICP	W	5	999	ppm	W ICP	Tungsten	15
16	709P	ICP	Cr	1	9999	ppm	Cr ICP	Chromium	16
17	729P	ICP	V	2	999	ppm	V ICP	Vanadium	17
18	716P	ICP	Mn	1	9999	ppm	Mn ICP	Manganese	18
19	713P	ICP	La	2	9999	ppm	La ICP	Lanthanum	19
20	723P	ICP	Sr	1	9999	ppm	Sr ICP	Strontium	20
21	731P	ICP	Zr	1	999	ppm	Zr ICP	Zirconium	21
22	736P	ICP	Sc	1	99	ppm	Sc ICP	Scandium	22
23	726P	ICP	Ti	0.01	1.00	%	Ti ICP	Titanium	23
24	701P	ICP	Al	0 01	9.99	%	Al ICP	Aluminum	24
25	708P	ICP	Ca	0.01	9.99	%	Ca ICP	Calcium	25
26	712P	ICP	Fe	0.01	9.99	%	Fe ICP	Iron	26
27	715P	ICP	Mg	0.01	9.99	%	Mg ICP	Magnesium	27
28	720P	ICP	K	0.01	9.99	%	K ICP	Potassium	28
29	722P	ICP	Na	0 01	5.00	%	Na ICP	Sodium	29
30	719P	ICP	P	0.01	5.00	%	P ICP	Phosphorus	30

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CERTIFICATE OF ANALYSIS
iPL 93J1401

Client: Northern Analytical Laboratories iPL: 93J1401 Out: Oct 20, 1993 Section 1 of 1
Project: WO 00325 682 Soil Pulp In: Oct 14, 1993 Certified BC Assayer: David Chiu

Sample Name			Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
L 0+25N	0+00	P	<	69	14	81	8	<	<	3	<	2	<	17	45	83	<	55	59	478	5	36	2	4	0.13	1.82	1.03	3.12	1.31	0.06	0.01	0.06
L 0+50N	0+00	P	<	81	19	97	7	<	<	4	<	<	<	20	47	93	<	63	65	590	5	38	1	4	0.14	1.98	1.06	3.43	1.42	0.08	0.02	0.06
L 0+75N	0+00	P	<	115	12	102	6	<	<	3	<	<	0.3	21	55	160	<	63	62	693	6	58	1	4	0.09	2.03	1.78	3.36	1.39	0.07	0.01	0.08
L 1+00N	0+00	P	<	355	11	132	10	<	<	5	<	<	<	30	52	134	<	86	83	825	6	38	1	5	0.12	2.32	0.98	4.39	1.67	0.07	0.01	0.09
L 1+25N	0+00	P	<	126	24	91	10	<	<	4	<	<	<	22	44	121	<	65	71	627	5	42	1	4	0.13	1.93	1.29	3.56	1.39	0.07	0.02	0.08
L 1+50N	0+00	P	<	122	29	121	11	<	<	3	<	2	1.9	16	40	155	<	39	44	602	4	66	1	2	0.05	1.29	2.40	2.55	0.93	0.04	0.02	0.10
L 1+75N	0+00	P	<	109	12	94	12	<	<	3	<	<	<	17	36	142	<	55	61	500	4	41	1	3	0.06	1.77	1.15	3.16	1.26	0.05	0.01	0.09
L 2+00N	0+00	P	<	114	17	98	5	<	<	4	<	<	<	19	40	171	<	62	72	521	4	39	1	4	0.10	2.05	1.08	3.48	1.44	0.05	0.02	0.07
L 2+25N	0+00	P	<	47	37	128	7	<	<	3	<	<	0.2	25	46	109	<	66	63	955	3	32	1	4	0.10	1.89	0.77	3.33	1.40	0.06	0.02	0.07
L 2+50N	0+00	P	<	92	26	159	9	<	<	3	<	<	0.7	25	42	129	<	61	67	610	3	43	1	4	0.10	1.91	1.20	3.37	1.34	0.05	0.01	0.06
L 2+75N	0+00	P	<	53	12	113	9	<	<	3	<	<	0.1	22	41	95	<	60	61	524	4	35	1	4	0.11	1.77	0.84	3.23	1.29	0.06	0.01	0.06
L 3+00N	0+00	P	<	122	31	107	8	<	<	4	<	<	<	20	42	127	<	59	69	1035	4	43	1	4	0.12	1.86	1.16	3.44	1.32	0.06	0.02	0.07
L 3+50N	0+00	P	<	53	11	159	6	<	<	3	<	<	0.4	29	38	94	<	69	71	871	3	34	1	4	0.15	1.94	0.88	3.20	1.50	0.05	0.02	0.07
L 3+75N	0+00	P	<	122	14	112	<	<	<	3	<	<	0.4	24	57	152	<	71	65	620	5	47	1	4	0.09	1.92	1.25	3.33	1.33	0.06	0.01	0.07
L 4+00N	0+00	P	<	111	12	106	9	<	<	3	<	<	0.4	21	53	208	<	53	53	619	7	71	1	3	0.06	1.74	1.84	2.97	0.94	0.05	0.02	0.08
L 4+25N	0+00	P	<	266	11	79	9	<	<	4	<	<	<	15	59	287	<	41	52	933	16	68	1	3	0.03	1.57	1.27	2.68	0.60	0.04	0.03	0.10
L 4+50N	0+00	P	<	105	10	101	11	<	<	6	<	<	<	22	53	212	<	63	68	684	10	39	1	5	0.05	1.89	0.58	3.65	1.04	0.06	0.02	0.07
L 4+75N	0+00	P	<	180	21	100	9	<	<	5	<	<	<	20	60	299	<	69	77	656	13	40	1	5	0.04	2.10	0.55	3.73	1.04	0.07	0.01	0.07
L 5+00N	0+00	P	<	77	9	104	10	<	<	4	<	<	<	12	30	159	<	51	78	363	7	23	1	4	0.06	1.84	0.30	3.34	0.80	0.05	0.02	0.03
L 5+50N	0+00	P	<	69	8	95	11	<	<	4	<	<	<	16	45	97	<	74	73	454	4	23	2	4	0.09	1.91	0.37	3.35	1.17	0.06	0.01	0.03
L 6+00N	0+00	P	<	67	5	95	7	<	<	3	<	<	<	13	36	204	<	55	65	453	5	52	1	4	0.10	1.75	0.87	2.72	1.08	0.04	0.02	0.06
L 6+50N	0+00	P	<	72	9	88	8	<	<	3	<	<	<	17	39	68	<	54	72	507	6	37	2	4	0.19	1.62	0.69	3.12	1.15	0.05	0.02	0.07
L 7+00N	0+00	P	<	143	4	128	9	<	<	4	<	<	<	21	59	154	<	72	79	808	8	53	1	6	0.11	2.05	1.01	3.65	1.31	0.07	0.02	0.08
L 7+50N	0+00	P	<	117	8	96	8	<	<	4	<	<	<	19	48	137	<	62	69	601	7	43	1	5	0.12	1.79	0.78	3.04	1.14	0.06	0.02	0.07
L 8+00N	0+00	P	<	165	6	89	<	<	3	2	<	<	<	14	50	242	<	61	62	544	8	54	1	4	0.06	1.84	0.97	2.57	1.11	0.05	0.02	0.08
L 8+50N	0+00	P	<	151	13	118	14	<	<	5	<	<	<	23	67	244	<	73	70	924	7	37	1	6	0.07	2.06	0.54	3.88	1.23	0.06	0.01	0.06
L 9+00N	0+00	P	<	120	5	122	7	<	<	3	<	<	0.2	16	51	126	<	58	62	559	8	38	2	5	0.09	1.61	0.67	2.78	1.07	0.06	0.02	0.07
L 9+50N	0+00	P	<	157	5	90	<	<	<	2	<	<	<	16	46	149	<	53	60	391	6	37	1	4	0.10	1.58	0.57	2.52	1.03	0.04	0.02	0.06
L10+00N	0+00	P	<	183	5	85	10	<	<	2	<	<	<	18	47	177	<	60	68	463	7	37	2	5	0.09	1.74	0.67	3.31	1.15	0.05	0.02	0.06
L 0+00N	0+00	P	<	93	9	82	6	<	<	3	<	<	<	16	45	121	<	59	71	484	6	41	2	6	0.14	2.05	0.80	3.35	1.27	0.08	0.02	0.03
L 0+50S	0+00	P	<	130	8	99	8	<	<	3	<	<	<	18	46	121	<	58	73	561	8	44	2	7	0.15	2.07	0.88	3.42	1.32	0.09	0.02	0.03
L 1+00S	0+00	P	<	110	6	81	8	<	<	3	<	<	0.6	9	32	131	<	25	34	320	6	74	2	1	0.04	0.92	2.65	1.82	0.71	0.05	0.02	0.09
L 1+50S	0+00	P	<	89	8	101	9	<	<	4	<	<	<	20	42	116	<	54	80	664	9	38	3	7	0.16	2.02	1.05	3.54	1.54	0.08	0.02	0.07
L 2+00S	0+00	P	<	115	11	108	11	<	<	4	<	<	<	17	40	122	<	56	79	546	8	37	2	6	0.13	2.05	1.00	3.52	1.49	0.08	0.02	0.05
L 2+50S	0+00	P	<	113	7	103	8	<	<	3	<	<	0.3	13	34	140	<	40	54	516	7	65	1	3	0.06	1.41	2.43	2.59	1.22	0.08	0.02	0.08
L 3+00S	0+00	P	<	139	8	99	12	<	<	4	<	<	<	17	40	108	<	58	80	476	12	31	2	7	0.13	1.96	0.67	3.50	1.36	0.08	0.02	0.03
L 3+50S	0+00	P	<	151	8	104	13	<	<	3	<	<	<	18	39	102	<	54	76	662	9	40	1	6	0.10	1.83	1.64	3.36	1.92	0.08	0.02	0.05
L 4+00S	0+00	P	<	121	8	96	18	<	<	4	<	<	<	25	40	148	<	69	104	710	8	18	1	6	0.17	2.30	0.31	4.22	1.67	0.06	0.02	0.02
L 4+50S	0+00	P	<	151	4	100	27	<	<	5	<	<	<	22	44	146	<	70	105	740	7	33	1	8	0.08	2.31	0.63	4.44	1.78	0.08	0.02	0.04
Min Limit			0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*			99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method			ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

---=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate

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CERTIFICATE OF ANALYSIS
iPL 93J1401

Client: Northern Analytical Laboratories iPL: 93J1401 Out: Oct 20, 1993 Section 1 of 1
Project: WO 00325 682 Soil Pulp In: Oct 14, 1993 Certified BC Assayer: David Chiu

Sample Name		Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
L 5+00S 0+00	P	<	166	16	88	41	<	<	4	<	<	<	21	39	126	<	57	91	700	7	39	1	5	0.11	1.94	0.86	3.89	1.59	0.07	0.01	0.04
L 5+50S 0+00	P	<	199	5	111	51	<	<	5	<	<	<	22	46	131	<	64	99	806	9	44	1	6	0.10	2.17	0.95	4.29	1.79	0.09	0.02	0.05
L 6+00S 0+00	P	<	227	8	135	20	<	<	5	<	<	<	19	44	196	<	65	89	657	13	52	2	6	0.07	2.18	1.08	4.07	1.57	0.07	0.02	0.08
L 6+50S 0+00	P	<	145	5	113	14	<	<	5	<	<	<	18	36	252	<	40	57	684	11	51	1	3	0.04	1.53	0.82	3.27	0.86	0.07	0.02	0.08
L 7+00S 0+00	P	<	286	8	109	41	<	<	5	<	<	<	17	38	161	<	57	69	557	11	46	1	4	0.05	1.75	0.94	3.51	1.16	0.09	0.03	0.06
L 7+50S 0+00	P	<	134	11	130	13	<	<	5	<	<	0.3	21	38	187	<	49	72	871	9	37	1	3	0.05	1.83	0.49	3.75	1.09	0.07	0.02	0.07
L 8+00S 0+00	P	<	150	7	146	37	<	<	5	<	<	0.7	20	49	168	<	49	64	741	9	85	1	4	0.03	1.57	1.83	3.26	1.27	0.07	0.02	0.07
L 8+50S 0+00	P	<	133	6	217	21	<	<	8	<	<	1.1	19	48	122	<	36	70	927	12	28	1	6	0.04	1.70	0.41	3.86	1.26	0.05	0.01	0.06
L 9+00S 0+00	P	<	504	9	125	15	<	<	7	<	<	<	67	105	264	<	133	208	1381	5	47	3	7	0.14	2.98	1.37	6.40	3.55	0.14	0.01	0.06
L 9+50S 0+00	P	<	117	9	429	34	6	<	17	<	<	4.4	12	54	242	<	14	52	659	25	90	2	4	<	0.79	0.13	4.05	0.30	0.11	0.03	0.08
L10+00S 0+00	P	<	90	8	198	21	<	<	10	<	<	0.9	18	44	217	<	41	53	611	11	45	1	3	0.03	1.25	0.49	3.51	0.76	0.08	0.02	0.09
L 0+50N 1+00W	P	<	56	6	96	7	<	<	3	<	<	0.1	16	32	119	<	41	49	651	5	58	1	3	0.06	1.38	1.50	2.43	0.93	0.07	0.02	0.05
L 1+00N 1+00W	P	<	87	3	111	9	<	<	3	<	2	0.1	16	51	111	<	61	64	475	7	46	2	5	0.11	1.71	1.06	3.01	1.23	0.07	0.02	0.06
L 1+50N 1+00W	P	<	101	7	146	6	<	<	4	<	<	0.8	18	33	90	<	58	65	562	5	41	1	4	0.09	1.51	0.99	2.97	1.02	0.07	0.02	0.07
L 2+00N 1+00W	P	<	121	8	110	8	<	<	2	<	<	0.5	15	36	151	<	40	48	656	6	66	2	3	0.06	1.23	1.81	2.42	0.84	0.05	0.02	0.06
L 2+50N 1+00W	P	<	134	7	88	7	<	<	3	<	<	0.3	9	34	117	<	30	38	319	5	68	2	2	0.04	1.00	2.08	1.97	0.71	0.05	0.02	0.07
L 3+00N 1+00W	P	<	83	14	103	6	<	<	3	<	<	0.1	13	27	120	<	38	47	524	5	56	1	2	0.05	1.19	1.36	2.40	0.84	0.05	0.02	0.07
L 3+50N 1+00W	P	<	87	7	135	7	<	<	3	<	<	0.5	18	35	121	<	52	61	520	6	44	2	4	0.08	1.64	0.92	2.91	1.08	0.06	0.02	0.07
L 4+00N 1+00W	P	<	93	3	107	<	<	<	3	<	<	0.4	14	33	77	<	46	53	474	4	44	1	3	0.09	1.33	1.24	2.54	1.04	0.06	0.02	0.06
L 4+50N 1+00W	P	<	36	4	85	6	<	<	3	<	<	<	13	26	65	<	38	53	436	4	33	2	3	0.09	1.27	0.71	2.45	0.90	0.05	0.01	0.05
L 5+00N 1+00W	P	<	77	11	133	10	<	<	5	<	<	0.8	21	38	163	<	60	57	1031	4	53	1	3	0.05	1.76	1.58	2.92	1.24	0.05	0.02	0.09
L 5+50N 1+00W	P	<	138	22	145	11	<	<	4	<	<	0.6	23	48	177	<	60	58	963	6	62	1	3	0.05	1.82	1.90	3.24	1.24	0.06	0.02	0.09
L 6+00N 1+00W	P	<	150	13	156	9	<	<	4	<	3	0.6	24	56	161	<	67	62	899	6	59	1	4	0.06	1.97	1.79	3.43	1.33	0.06	0.02	0.10
L 6+50N 1+00W	P	<	65	12	124	7	<	<	4	<	<	0.1	19	38	102	<	63	63	627	4	36	1	4	0.08	1.86	0.94	3.29	1.32	0.05	0.01	0.07
L 7+00N 1+00W	P	<	32	8	64	6	<	<	3	<	<	<	14	29	72	<	46	51	434	4	27	1	3	0.10	1.46	0.64	2.65	1.05	0.04	0.01	0.07
L 7+50N 1+00W	P	<	120	10	90	10	<	<	4	<	<	0.6	15	46	222	<	45	49	479	8	49	1	2	0.02	1.58	1.29	2.84	0.85	0.04	0.01	0.12
L 8+00N 1+00W	P	<	58	10	127	24	<	<	7	<	<	<	15	36	120	<	49	50	543	4	31	<	3	0.05	1.55	0.52	3.89	1.05	0.02	0.01	0.08
L 8+50N 1+00W	P	<	78	9	136	13	<	<	5	<	<	0.4	14	37	126	<	47	48	484	4	28	<	2	0.03	1.51	0.54	3.18	0.97	0.03	0.01	0.07
L 9+00N 1+00W	P	<	77	9	203	13	<	<	6	<	<	0.9	17	45	68	<	51	46	476	6	24	1	3	0.05	1.40	0.39	3.35	1.02	0.04	0.01	0.07
L 9+50N 1+00W	P	<	93	10	162	7	<	<	4	<	<	0.7	15	44	96	<	50	48	394	6	30	1	3	0.07	1.58	0.67	2.70	1.10	0.04	0.02	0.06
L10+00N 1+00W	P	<	87	12	161	7	<	<	3	<	<	0.9	16	45	113	<	51	49	377	6	33	1	4	0.07	1.57	0.76	2.80	1.08	0.04	0.01	0.07
L 0+00 1+00W	P	<	100	13	108	9	<	<	3	<	<	0.1	19	57	118	<	60	61	495	6	42	1	4	0.09	1.96	1.45	3.47	1.42	0.09	0.02	0.05
L 0+50S 1+00W	P	<	207	10	133	17	<	<	4	<	<	<	25	51	141	<	80	101	606	8	37	2	7	0.13	2.68	0.92	4.14	2.17	0.07	0.01	0.06
L 1+00S 1+00W	P	<	56	11	112	9	<	<	3	<	<	0.1	20	42	97	<	53	59	516	5	33	1	4	0.10	1.86	1.01	3.36	1.31	0.07	0.02	0.05
L 1+50S 1+00W	P	<	65	14	98	11	<	<	4	<	<	<	23	48	105	<	59	69	469	5	25	3	5	0.16	2.14	0.61	3.47	1.46	0.07	0.01	0.03
L 2+00S 1+00W	P	<	107	9	125	7	<	<	3	<	<	1.3	18	56	136	<	47	54	426	7	42	3	4	0.08	1.65	1.32	3.30	1.12	0.07	0.01	0.07
L 2+50S 1+00W	P	<	75	13	95	7	<	<	3	<	<	1.0	8	26	128	<	24	29	229	4	55	1	1	0.02	0.92	2.82	1.83	0.78	0.03	0.02	0.08
L 3+00S 1+00W	P	<	105	10	100	16	<	<	4	<	<	0.1	24	50	106	<	61	75	747	6	26	1	5	0.11	2.05	1.03	3.93	1.76	0.06	0.01	0.06
L 3+50S 1+00W	P	<	67	4	139	13	<	<	3	<	<	0.6	18	37	118	<	44	55	807	4	51	1	3	0.06	1.47	1.76	2.86	1.16	0.05	0.02	0.07
Min Limit		0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

--=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate

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CERTIFICATE OF ANALYSIS
iPL 93J1401

Client: Northern Analytical Laboratories iPL: 93J1401 Out: Oct 20, 1993 Section 1 of 1
Project: WO 00325 682 Soil Pulp In: Oct 14, 1993 Certified BC Assayer: David Chiu

Sample Name		Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
L 4+00S 1+00W	P	<	83	13	118	12	<	<	3	<	<	0.1	22	47	81	<	53	69	732	6	38	3	5	0.15	1.89	1.30	3.70	1.60	0.10	0.03	0.09
L 4+50S 1+00W	P	<	104	12	83	16	<	<	6	<	<	<	10	27	177	<	37	57	325	6	53	<	2	0.03	1.30	1.46	2.89	0.71	0.04	0.02	0.11
L 5+00S 1+00W	P	<	129	13	139	22	<	<	6	<	<	<	31	54	153	<	82	107	648	5	30	2	7	0.15	2.78	0.77	4.89	2.31	0.07	0.01	0.07
L 5+50S 1+00W	P	<	182	11	166	31	<	<	5	<	<	1.0	21	55	172	<	52	63	1041	6	80	1	3	0.03	1.74	2.49	3.54	1.46	0.07	0.02	0.11
L 6+00S 1+00W	P	<	239	20	220	31	<	<	5	<	<	6.0	37	105	338	<	28	35	1666	9	85	1	2	0.02	1.07	2.69	3.57	0.57	0.04	0.02	0.14
L 6+50S 1+00W	P	<	81	14	94	<	<	<	3	<	<	1.0	9	26	139	<	42	51	440	6	39	1	3	0.04	1.55	1.19	2.40	1.07	0.05	0.01	0.08
L 7+00S 1+00W	P	<	137	10	131	16	<	<	5	<	<	<	18	39	126	<	51	68	605	9	35	1	4	0.08	1.94	0.84	3.87	1.38	0.07	0.01	0.06
L 7+50S 1+00W	P	<	91	14	158	19	<	<	6	<	<	<	25	43	166	<	48	62	846	7	38	1	3	0.05	1.77	0.77	4.03	1.15	0.07	0.02	0.07
L 8+00S 1+00W	P	<	337	11	152	7	<	<	4	<	<	<	26	54	120	<	72	86	744	5	42	1	4	0.10	2.23	1.00	4.58	2.06	0.09	0.01	0.06
L 8+50S 1+00W	P	<	95	10	193	40	<	<	5	<	<	0.8	17	46	130	<	36	59	790	10	31	1	5	0.02	1.94	0.59	3.99	1.37	0.07	0.01	0.06
L 9+00S 1+00W	P	<	144	17	434	31	<	<	10	<	<	5.5	32	77	209	<	39	68	1229	16	57	2	6	0.02	1.79	0.64	4.40	1.16	0.11	0.02	0.09
L 9+50S 1+00W	P	<	94	15	241	21	<	<	10	<	<	1.5	22	56	190	<	51	53	731	10	42	1	3	0.03	1.60	0.65	3.90	1.07	0.06	0.02	0.09
L10+00S 1+00W	P	<	85	13	231	26	<	<	10	<	<	0.4	25	57	181	<	48	57	852	10	46	1	4	0.05	1.67	0.72	4.20	1.08	0.10	0.02	0.08
L 0+50N 2+00W	P	<	94	10	103	10	<	<	4	<	<	0.1	18	49	125	<	59	58	560	6	51	1	3	0.08	1.86	1.73	3.21	1.34	0.06	0.02	0.07
L 1+00N 2+00W	P	<	96	16	108	7	<	<	2	<	<	1.1	18	47	137	<	45	46	372	6	64	2	3	0.07	1.47	2.40	2.84	1.04	0.05	0.02	0.06
L 1+50N 2+00W	P	<	137	10	124	12	<	<	2	<	<	0.8	21	45	155	<	50	53	843	6	62	1	3	0.06	1.67	1.83	3.13	1.19	0.06	0.02	0.07
L 2+00N 2+00W	P	<	68	12	111	9	<	<	4	<	<	0.4	17	35	136	<	42	45	757	5	48	1	2	0.05	1.43	1.62	2.69	1.03	0.05	0.02	0.08
L 2+50N 2+00W	P	<	57	13	110	12	<	<	3	<	<	0.4	12	27	114	<	29	35	507	3	67	1	1	0.03	1.08	2.57	2.19	0.82	0.04	0.02	0.09
L 3+00N 2+00W	P	<	60	14	128	12	<	<	5	<	<	1.0	14	26	111	<	26	33	783	3	66	1	1	0.02	0.94	2.57	2.19	0.76	0.05	0.02	0.10
L 3+50N 2+00W	P	<	66	8	135	21	<	<	7	<	<	0.9	23	31	150	<	35	47	910	4	62	1	1	0.02	1.24	2.05	3.10	0.83	0.03	0.02	0.16
L 4+00N 2+00W	P	<	47	10	117	10	<	<	3	<	<	0.8	15	31	127	<	42	47	531	4	55	1	2	0.05	1.44	1.80	2.67	1.04	0.04	0.01	0.08
L 4+50N 2+00W	P	<	90	9	115	<	<	<	1	<	<	0.9	16	46	134	<	45	46	369	5	61	2	3	0.08	1.48	2.32	2.70	1.06	0.05	0.02	0.06
L 5+00N 2+00W	P	<	110	13	121	8	<	<	4	<	<	0.3	25	70	106	<	77	76	551	7	37	2	6	0.14	2.32	1.02	3.86	1.69	0.10	0.02	0.07
L 5+50N 2+00W	P	<	47	8	84	5	<	<	3	<	<	<	16	30	63	<	46	59	463	4	30	2	3	0.17	1.61	0.68	2.86	1.16	0.04	0.02	0.05
L 6+00N 2+00W	P	<	81	15	169	13	<	<	6	<	<	1.5	33	44	136	<	58	61	1748	5	40	1	3	0.06	1.92	0.96	3.77	1.29	0.05	0.01	0.09
L 6+50N 2+00W	P	<	108	12	196	18	<	<	7	<	<	0.2	22	55	120	<	63	56	849	7	45	1	4	0.06	1.91	0.85	4.30	1.36	0.05	0.01	0.08
L 7+00N 2+00W	P	<	100	10	177	18	<	<	7	<	<	0.4	22	53	143	<	54	51	655	6	35	1	3	0.06	1.76	0.62	4.06	1.18	0.03	0.01	0.07
L 7+50N 2+00W	P	<	81	70	188	19	<	<	6	<	<	0.4	18	47	124	<	51	51	719	6	35	1	3	0.05	1.67	0.58	3.92	1.12	0.03	0.01	0.08
L 8+00N 2+00W	P	<	89	11	166	22	<	<	8	<	<	<	23	40	123	<	44	50	721	8	32	1	3	0.06	1.57	0.43	4.22	1.01	0.04	0.01	0.07
L 8+50N 2+00W	P	<	86	12	134	24	<	<	8	<	<	<	21	39	196	<	45	50	827	8	52	1	3	0.04	1.65	1.04	4.12	0.96	0.04	0.01	0.08
L 9+00N 2+00W	P	<	82	16	214	20	<	<	6	<	<	2.6	27	43	119	<	50	58	957	5	35	1	3	0.05	1.58	0.55	4.08	0.96	0.07	0.01	0.08
L 9+50N 2+00W	P	<	42	13	153	16	<	<	7	<	<	0.6	15	34	80	<	49	54	504	4	28	<	3	0.07	1.60	0.37	3.85	0.98	0.04	0.01	0.06
L10+00N 2+00W	P	<	314	12	152	5	<	<	3	<	<	3.2	20	79	229	<	34	51	485	13	66	1	3	0.05	1.55	1.65	2.69	0.58	0.05	0.02	0.09
L 0+00 2+00W	P	<	66	10	139	10	<	<	3	<	<	0.5	23	58	127	<	63	61	796	5	52	2	4	0.09	1.82	1.68	3.27	1.33	0.07	0.02	0.06
L 0+50S 2+00W	P	<	126	13	93	8	<	<	3	<	<	0.5	10	47	132	<	36	39	329	5	69	1	1	0.04	1.25	2.88	2.33	0.92	0.05	0.02	0.09
L 1+00S 2+00W	P	<	99	15	119	13	<	<	4	<	3	0.3	23	68	87	<	73	67	620	4	34	1	5	0.13	2.00	1.15	3.75	1.63	0.09	0.02	0.05
L 1+50S 2+00W	P	<	123	10	120	17	<	<	4	<	<	<	27	65	108	<	72	76	669	6	28	2	6	0.15	2.27	0.68	4.14	1.61	0.07	0.01	0.07
L 2+00S 2+00W	P	<	56	9	80	8	<	<	3	<	<	0.9	12	29	123	<	23	27	490	4	75	1	1	0.03	0.86	2.64	1.72	0.61	0.06	0.02	0.10
L 2+50S 2+00W	P	<	81	10	112	14	<	<	3	<	<	0.2	25	48	85	<	60	75	568	6	25	3	5	0.16	2.10	0.65	3.85	1.51	0.08	0.01	0.05
Min Limit		0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

---=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate

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Client: Northern Analytical Laboratories iPL: 93J1401 Out: Oct 20, 1993   Section 1 of 1
Project: WO 00325 682 Soil Pulp In: Oct 14, 1993 Certified BC Assayer: David Chiu

Sample Name	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
L 3+00S 2+00W P	<	146	14	101	11	<	<	4	<	<	0.1	22	59	94	<	67	71	623	6	39	3	6	0.14	2.09	1.21	3.78	1.66	0.09	0.02	0.08
L 3+50S 2+00W P	<	112	13	100	5	<	<	3	<	<	<	26	57	105	<	77	87	504	8	30	3	6	0.19	2.45	0.73	3.93	1.66	0.09	0.02	0.04
L 4+00S 2+00W P	<	107	10	101	7	<	<	3	<	<	<	24	58	159	<	70	82	458	7	39	3	6	0.18	2.39	0.85	3.67	1.58	0.08	0.02	0.04
L 4+50S 2+00W P	<	113	15	100	15	<	<	5	<	<	<	24	52	143	<	62	80	558	8	38	2	6	0.18	2.33	0.78	3.98	1.48	0.09	0.02	0.03
L 5+00S 2+00W P	<	117	12	176	38	<	<	6	<	2	0.6	37	54	239	<	41	55	2098	4	82	1	2	0.02	1.41	2.42	4.79	1.08	0.06	0.02	0.12
L 5+50S 2+00W P	<	208	10	120	5	<	<	3	<	<	2.5	12	43	161	<	30	35	448	6	74	2	2	0.03	1.15	2.22	1.49	0.67	0.03	0.02	0.09
L 6+00S 2+00W P	<	142	9	110	15	<	<	4	<	<	1.3	21	39	166	<	45	52	547	6	45	1	4	0.03	1.59	1.12	3.50	1.00	0.04	0.01	0.11
L 6+50S 2+00W P	<	65	15	133	10	<	<	5	<	<	0.6	18	34	100	<	46	65	440	7	29	3	4	0.13	1.89	0.61	3.47	1.24	0.07	0.01	0.07
L 7+00S 2+00W P	<	41	12	158	13	<	<	5	<	2	0.4	20	34	97	<	50	69	670	6	28	3	4	0.13	2.03	0.66	3.79	1.39	0.07	0.02	0.06
L 7+50S 2+00W P	<	105	10	157	14	<	<	7	<	<	<	25	51	129	<	55	78	990	6	23	1	5	0.09	2.13	0.54	4.31	1.75	0.05	0.01	0.05
L 8+00S 2+00W P	<	105	17	230	17	<	<	7	<	2	0.8	16	53	160	<	43	54	578	11	44	1	4	0.04	1.74	0.85	3.63	1.13	0.05	0.02	0.05
L 8+50S 2+00W P	<	91	13	290	21	<	<	8	<	<	1.3	15	52	142	<	40	50	681	10	36	1	4	0.03	1.59	0.87	3.82	1.14	0.05	0.01	0.06
L 9+00S 2+00W P	<	89	11	308	12	<	<	7	<	<	0.5	24	58	190	<	51	70	1174	12	35	1	6	0.06	2.24	0.62	4.25	1.62	0.06	0.01	0.06
L 9+50S 2+00W P	<	98	17	238	14	<	<	8	<	<	1.5	19	48	213	<	47	61	478	13	41	1	6	0.06	1.98	0.62	3.46	1.16	0.07	0.01	0.06
L10+00S 2+00W P	<	104	14	141	14	<	<	4	<	<	0.8	15	61	163	<	34	43	551	7	66	1	2	0.04	1.42	1.88	2.98	0.82	0.05	0.02	0.11
L 0+50N 3+00W P	<	98	12	113	11	<	<	4	<	<	0.2	21	38	95	<	59	65	581	5	37	1	4	0.12	1.83	1.01	3.51	1.30	0.05	0.01	0.08
L 1+00N 3+00W P	<	289	11	142	10	<	<	4	<	<	<	29	99	115	<	105	83	727	6	40	2	6	0.15	2.15	1.06	4.09	1.72	0.07	0.02	0.08
L 2+00N 3+00W P	<	231	11	164	8	<	<	3	<	<	0.8	22	55	198	<	64	61	517	6	56	1	4	0.05	1.85	1.69	3.61	1.30	0.05	0.02	0.10
L 2+50N 3+00W P	<	118	16	128	9	<	<	4	<	<	0.1	20	46	157	<	49	56	729	5	40	1	3	0.06	1.60	0.88	3.18	1.03	0.06	0.02	0.08
L 3+00N 3+00W P	<	93	8	119	8	<	<	2	<	2	0.1	22	53	89	<	62	64	676	5	32	1	4	0.12	1.86	0.73	3.54	1.36	0.07	0.02	0.08
L 3+50N 3+00W P	<	118	16	111	11	<	<	3	<	<	0.1	20	49	197	<	50	57	667	6	41	1	3	0.05	1.69	0.83	2.97	0.90	0.05	0.02	0.08
L 4+00N 3+00W P	<	150	25	189	17	<	<	5	<	<	4.1	34	42	157	<	47	58	1462	6	41	<	1	0.03	1.35	0.90	3.10	0.82	0.08	0.02	0.12
L 4+50N 3+00W P	<	91	16	184	17	<	<	6	<	<	0.1	22	45	76	<	53	53	718	6	31	1	3	0.10	1.61	0.50	4.04	1.18	0.04	0.01	0.08
L 5+00N 3+00W P	<	137	13	219	16	<	<	7	<	<	5.0	27	63	199	<	49	60	972	7	39	1	3	0.07	1.57	0.70	3.70	0.96	0.04	0.01	0.07
L 5+50N 3+00W P	<	69	11	155	11	<	<	6	<	<	0.4	23	43	69	<	57	54	659	4	25	1	3	0.12	1.59	0.52	3.83	1.24	0.03	0.01	0.07
L 6+00N 3+00W P	<	47	13	147	13	<	<	6	<	3	0.4	17	38	46	<	51	48	535	3	24	1	3	0.10	1.48	0.45	3.40	1.15	0.03	0.01	0.06
L 6+50N 3+00W P	<	52	13	123	13	<	<	4	<	<	0.2	23	45	75	<	61	61	702	4	27	1	3	0.12	1.69	0.65	3.67	1.34	0.04	0.01	0.08
L 7+00N 3+00W P	<	121	16	127	16	<	<	6	<	<	0.3	22	64	198	<	52	47	726	6	51	1	3	0.04	1.59	1.06	3.71	1.04	0.06	0.01	0.10
L 7+50N 3+00W P	<	78	31	160	16	<	<	8	<	<	<	16	37	75	<	49	62	474	5	26	1	3	0.06	1.66	0.38	4.09	0.99	0.05	0.01	0.06
L 8+00N 3+00W P	<	99	13	161	24	<	<	8	<	<	<	24	48	90	<	56	54	684	4	31	1	3	0.10	1.58	0.48	4.54	1.17	0.04	0.01	0.08
L 8+50N 3+00W P	<	107	12	218	20	<	<	8	<	3	0.8	24	54	121	<	50	55	758	5	35	1	3	0.10	1.69	0.61	4.40	1.14	0.04	0.02	0.08
L 9+00N 3+00W P	<	55	16	177	16	<	<	6	<	<	1.7	20	39	229	<	48	63	659	5	39	1	3	0.06	1.74	0.82	3.79	0.97	0.08	0.03	0.08
L 9+50N 3+00W P	<	35	18	160	13	<	<	6	<	<	2.6	16	33	155	<	47	75	442	5	25	1	2	0.05	1.88	0.40	3.79	0.87	0.04	0.01	0.05
L10+00N 3+00W P	<	42	17	165	18	<	<	6	<	<	0.9	19	37	128	<	52	57	571	3	27	1	3	0.06	1.76	0.39	3.92	1.10	0.05	0.01	0.06
L 0+00 3+00W P	<	114	16	134	5	<	<	3	<	<	0.4	22	42	119	<	59	59	698	5	48	1	3	0.07	1.83	1.64	3.27	1.35	0.06	0.02	0.06
L 0+50S 3+00W P	<	146	13	128	<	<	<	3	<	<	<	23	57	144	<	73	65	699	6	42	1	4	0.08	2.19	1.19	3.77	1.54	0.07	0.02	0.06
L 1+00S 3+00W P	<	83	13	89	14	<	<	6	<	<	<	19	32	165	<	48	58	650	5	41	1	3	0.04	1.74	1.03	3.39	1.02	0.04	0.02	0.09
L 1+50S 3+00W P	<	151	21	111	7	<	<	3	<	<	<	20	53	111	<	69	62	550	6	37	1	4	0.09	1.90	1.03	3.61	1.38	0.07	0.02	0.06
L 2+00S 3+00W P	0.1	85	22	99	8	<	<	5	<	2	<	17	44	89	<	56	58	499	5	25	1	4	0.09	1.75	0.61	3.56	1.31	0.06	0.02	0.03
Min Limit	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*	99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

---=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate

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Client: Northern Analytical Laboratories   iPL: 93J1401   Out: Oct 20, 1993   Section 1 of 1
Project: WO 00325   682 Soil Pulp   In: Oct 14, 1993   Certified BC Assayer: David Chiu

Sample Name		Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
L 2+50S 3+00W	P	<	107	17	93	10	<	<	5	<	<	0.2	24	52	138	<	62	68	611	6	28	2	4	0.09	1.97	0.71	3.96	1.46	0.05	0.02	0.07
L 3+00S 3+00W	P	<	138	23	94	10	<	<	5	<	<	0.1	23	56	130	<	58	67	693	6	53	2	5	0.13	1.86	2.08	3.92	1.44	0.06	0.02	0.04
L 3+50S 3+00W	P	<	105	15	83	13	<	<	5	<	<	<	23	54	136	<	65	72	515	7	30	2	5	0.14	2.06	0.68	4.41	1.46	0.06	0.02	0.03
L 4+00S 3+00W	P	<	103	19	99	7	<	<	4	<	3	<	21	52	124	<	59	74	663	8	39	2	6	0.15	2.09	0.89	4.13	1.49	0.09	0.03	0.05
L 4+50S 3+00W	P	<	88	12	110	14	<	<	5	<	<	0.2	18	43	148	<	41	52	902	7	65	1	2	0.05	1.49	1.67	3.35	0.98	0.06	0.02	0.09
L 5+00S 3+00W	P	<	107	19	148	9	<	<	4	<	<	<	25	54	145	<	58	76	977	9	37	3	6	0.13	2.12	0.84	4.19	1.47	0.15	0.03	0.09
L 5+50S 3+00W	P	<	104	20	115	16	<	<	5	<	<	<	22	49	124	<	52	67	741	9	42	1	5	0.10	1.97	0.91	4.19	1.31	0.12	0.03	0.05
L 6+00S 3+00W	P	<	76	15	115	13	<	<	5	<	<	<	21	47	76	<	55	67	678	6	30	3	5	0.14	2.00	0.67	4.12	1.47	0.08	0.02	0.10
L 6+50S 3+00W	P	<	93	21	122	11	<	<	5	<	<	<	25	61	125	<	54	72	1030	9	34	4	6	0.14	1.93	0.71	4.40	1.33	0.15	0.03	0.11
L 7+00S 3+00W	P	<	83	22	136	13	<	<	5	<	<	<	25	55	172	<	51	66	928	8	38	2	5	0.10	2.00	0.80	4.17	1.35	0.08	0.02	0.08
L 7+50S 3+00W	P	<	63	20	124	14	<	<	5	<	<	0.2	17	44	122	<	46	59	514	5	36	1	4	0.09	1.81	0.77	3.73	1.21	0.06	0.02	0.04
L 8+00S 3+00W	P	<	75	22	221	18	<	<	7	<	<	0.8	19	43	111	<	40	53	735	7	29	1	3	0.05	1.54	0.75	4.10	1.24	0.05	0.02	0.07
L 8+50S 3+00W	P	<	68	15	106	17	<	<	5	<	<	0.1	19	44	106	5	47	62	661	7	33	1	5	0.10	1.84	0.66	3.88	1.24	0.07	0.02	0.08
L 9+00S 3+00W	P	<	73	16	108	13	<	<	5	<	<	<	18	47	107	<	48	62	630	7	32	2	6	0.12	1.91	0.61	3.72	1.24	0.07	0.02	0.08
L 9+50S 3+00W	P	<	67	21	133	15	<	<	8	<	<	0.5	21	42	154	<	39	51	728	7	53	1	3	0.05	1.60	1.17	3.88	1.02	0.07	0.02	0.09
L10+00S 3+00W	P	<	59	22	149	20	<	<	6	<	<	<	23	43	140	5	44	59	714	8	39	1	4	0.05	1.92	0.63	4.37	1.18	0.06	0.02	0.08
L 0+50N 4+00W	P	<	270	12	157	12	<	<	4	<	<	0.4	27	68	145	<	64	63	808	6	44	1	4	0.07	1.70	1.06	3.75	1.26	0.06	0.02	0.08
L 1+00N 4+00W	P	<	179	13	330	25	5	<	9	<	<	2.1	27	64	82	6	49	51	902	8	38	1	3	0.09	1.53	0.60	4.92	1.17	0.05	0.02	0.10
L 1+50N 4+00W	P	<	110	17	248	23	<	<	8	<	<	1.0	25	57	72	<	43	46	816	7	36	1	3	0.08	1.44	0.54	4.88	1.08	0.04	0.02	0.09
L 2+00N 4+00W	P	<	91	12	206	19	<	<	8	<	<	0.7	21	48	50	<	43	43	734	4	28	2	3	0.09	1.47	0.54	4.37	1.15	0.03	0.02	0.08
L 2+50N 4+00W	P	<	105	10	258	24	<	<	10	<	<	0.9	24	55	68	<	40	46	785	6	38	2	3	0.08	1.42	0.54	5.02	1.06	0.04	0.02	0.09
L 3+00N 4+00W	P	0.2	172	139	237	18	<	<	8	<	<	0.8	26	62	69	<	57	55	856	5	30	1	3	0.13	1.58	0.63	4.86	1.33	0.05	0.03	0.09
L 3+50N 4+00W	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
L 4+00N 4+00W	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
L 4+50N 4+00W	P	<	161	21	231	20	<	<	8	<	<	0.8	24	57	57	6	54	53	787	5	27	2	3	0.10	1.61	0.60	4.65	1.33	0.03	0.02	0.08
L 5+00N 4+00W	P	<	103	13	175	20	<	<	7	<	<	1.4	19	51	100	5	44	43	658	5	34	1	2	0.05	1.23	0.70	3.86	0.97	0.06	0.02	0.09
L 5+50N 4+00W	P	<	92	15	144	24	<	<	8	<	<	<	20	45	117	5	55	54	716	6	30	<	3	0.05	1.65	0.41	4.67	1.19	0.03	0.02	0.08
L 6+00N 4+00W	P	<	84	30	376	13	<	<	6	<	<	5.8	20	44	208	<	47	65	785	5	22	<	3	0.05	1.66	0.34	3.76	0.85	0.05	0.02	0.09
L 6+50N 4+00W	P	<	54	17	170	17	<	<	8	<	<	1.2	15	39	132	6	54	54	553	4	29	1	2	0.04	1.57	0.53	3.86	1.15	0.03	0.02	0.09
L 7+00N 4+00W	P	<	108	27	242	25	<	<	10	<	3	<	33	66	216	<	68	61	1518	6	36	1	4	0.06	2.01	0.52	5.34	1.53	0.03	0.02	0.09
L 7+50N 4+00W	P	<	91	12	141	23	<	<	9	<	<	<	16	40	97	<	50	51	595	6	26	1	3	0.05	1.53	0.39	4.81	1.13	0.03	0.02	0.07
L 8+00N 4+00W	P	<	91	17	188	24	<	<	10	<	3	<	29	51	152	7	51	56	1226	6	31	1	4	0.05	1.62	0.51	4.90	1.18	0.02	0.02	0.08
L 8+50N 4+00W	P	<	158	37	304	23	<	<	8	<	2	1.1	28	78	317	6	58	67	1026	11	41	1	4	0.03	2.03	0.67	4.81	1.15	0.04	0.02	0.10
L 9+00N 4+00W	P	<	55	17	207	22	<	<	9	<	2	0.4	19	44	142	<	54	59	665	4	28	<	3	0.03	1.72	0.35	4.60	1.16	0.05	0.02	0.07
L 9+50N 4+00W	P	<	159	26	213	25	<	<	8	<	3	0.7	25	80	81	<	49	49	765	6	31	1	3	0.07	1.48	0.46	4.74	1.15	0.04	0.02	0.08
L10+00N 4+00W	P	<	102	27	209	20	<	<	8	<	<	1.4	22	53	126	5	48	51	721	5	35	<	3	0.05	1.49	0.59	4.37	1.10	0.04	0.02	0.09
L 0+00 4+00W	P	<	139	15	123	9	<	<	4	<	<	0.4	22	50	187	6	64	59	719	6	36	1	4	0.04	1.95	0.79	3.79	1.38	0.05	0.02	0.09
L 0+50S 4+00W	U	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
L 1+00S 4+00W	P	<	178	15	123	10	<	<	4	<	<	0.4	22	49	100	<	61	60	703	5	29	1	4	0.08	1.71	0.68	3.76	1.34	0.05	0.02	0.08
Min Limit		0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate

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Client: Northern Analytical Laboratories iPL: 93J1401 Out: Oct 20, 1993 Section 1 of 1
Project: WO 00325 682 Soil Pulp In: Oct 14, 1993 Certified BC Assayer David Chiu

Sample Name	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
L 1+50S 4+00W P	<	264	10	100	10	<	<	4	<	<	0.3	24	62	75	<	74	69	669	4	23	1	4	0.12	1.72	0.62	3.95	1.52	0.06	0.02	0.07
L 2+00S 4+00W P	<	168	54	134	16	5	<	6	<	<	<	31	106	128	<	91	70	877	7	27	1	5	0.12	1.90	0.59	4.58	1.68	0.09	0.02	0.07
L 2+50S 4+00W P	<	212	21	125	8	<	<	5	<	<	<	31	70	131	<	78	79	929	4	41	2	4	0.18	2.13	1.57	4.84	1.82	0.07	0.02	0.07
L 3+00S 4+00W P	<	102	13	102	11	<	<	4	<	<	0.2	23	50	108	<	53	66	580	7	35	2	5	0.11	1.93	0.82	3.97	1.39	0.10	0.02	0.07
L 3+50S 4+00W P	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
L 4+00S 4+00W P	<	107	15	94	8	<	<	3	<	<	0.1	15	51	133	7	51	57	576	7	48	2	5	0.08	1.77	1.20	3.50	1.21	0.11	0.02	0.09
L 4+50S 4+00W P	<	114	15	99	9	<	<	3	<	<	0.1	18	50	112	5	51	62	468	8	43	2	5	0.10	1.83	1.02	3.70	1.26	0.10	0.02	0.09
L 5+00S 4+00W P	<	107	17	122	13	<	<	5	<	2	<	23	59	112	<	61	74	770	8	40	3	6	0.14	2.16	0.85	4.43	1.50	0.18	0.03	0.11
L 5+50S 4+00W P	<	102	17	101	11	<	<	4	<	3	<	19	50	130	<	55	63	587	7	39	1	4	0.09	1.84	0.93	3.85	1.29	0.08	0.02	0.06
L 6+00S 4+00W P	<	54	15	117	10	<	<	4	<	<	<	20	42	89	<	50	62	554	6	28	2	5	0.11	1.85	0.60	3.74	1.25	0.10	0.02	0.07
L 6+50S 4+00W P	<	110	16	159	12	<	<	5	<	2	0.5	25	61	136	<	53	66	676	9	37	3	6	0.11	1.93	0.82	4.28	1.33	0.11	0.02	0.10
L 7+00S 4+00W P	<	81	11	137	14	<	<	4	<	<	0.7	16	38	112	6	38	47	583	5	42	1	3	0.07	1.52	1.27	3.27	1.11	0.06	0.02	0.10
L 7+50S 4+00W P	<	68	14	126	12	<	<	5	<	<	0.3	19	46	119	<	45	57	669	6	43	1	4	0.08	1.79	0.95	3.81	1.18	0.08	0.02	0.09
L 8+00S 4+00W P	<	74	13	92	10	<	<	4	<	<	<	23	47	96	<	49	64	803	7	33	2	5	0.12	1.97	0.65	3.90	1.31	0.08	0.02	0.09
L 8+50S 4+00W P	<	61	17	123	21	<	<	6	<	<	0.3	17	37	123	<	37	49	700	5	52	1	3	0.04	1.49	1.05	3.80	0.98	0.06	0.02	0.10
L 9+00S 4+00W P	<	95	13	107	19	<	<	5	<	<	0.3	23	44	168	<	34	45	779	8	62	1	3	0.05	1.45	1.33	3.58	0.88	0.05	0.02	0.09
L 0+50N 5+00W P	<	1778	15	135	11	<	<	6	<	<	<	34	90	91	5	116	91	865	4	39	3	6	0.19	2.35	1.15	5.28	2.30	0.08	0.02	0.09
L 1+00N 5+00W P	<	695	19	117	14	<	<	5	<	<	<	28	67	111	5	76	72	815	5	45	2	4	0.13	2.03	1.42	4.62	1.70	0.07	0.02	0.07
L 1+50N 5+00W P	<	1175	15	144	10	<	<	5	<	<	<	34	77	114	<	102	90	958	3	30	1	5	0.14	2.35	0.88	5.39	2.03	0.14	0.02	0.08
L 2+00N 5+00W P	<	643	10	148	8	<	<	5	<	<	1.1	19	57	170	<	53	48	623	4	83	1	3	0.06	1.38	2.95	3.12	1.14	0.06	0.03	0.09
L 2+50N 5+00W P	<	439	9	194	8	<	<	3	<	<	1.2	15	42	140	6	32	30	513	3	103	1	1	0.03	0.91	3.35	2.07	0.74	0.04	0.03	0.08
L 3+00N 5+00W P	<	288	10	111	9	<	<	4	<	<	0.7	23	52	110	6	65	54	833	3	58	1	3	0.06	1.46	1.84	3.30	1.28	0.04	0.02	0.09
L 3+50N 5+00W P	<	460	13	137	12	<	<	4	<	<	1.1	26	53	151	<	50	48	1664	6	57	<	3	0.05	1.39	1.52	3.07	0.90	0.03	0.03	0.08
L 4+00N 5+00W P	<	395	15	115	10	<	<	3	<	<	0.9	18	59	142	<	68	73	955	8	42	1	4	0.09	1.78	1.00	3.38	1.28	0.05	0.03	0.08
L 4+50N 5+00W P	<	241	9	110	11	<	<	5	<	<	0.5	16	42	192	5	36	43	619	5	78	1	2	0.02	1.27	2.21	3.10	0.75	0.03	0.02	0.13
L 5+00N 5+00W P	<	122	14	260	22	<	<	8	<	<	0.2	28	53	138	<	62	58	892	6	50	1	4	0.07	1.81	0.83	4.82	1.40	0.07	0.02	0.10
L 5+50N 5+00W P	<	119	16	216	22	<	<	7	<	<	0.7	23	52	81	<	51	52	757	5	30	1	3	0.09	1.62	0.55	4.55	1.24	0.04	0.02	0.09
L 6+00N 5+00W P	<	118	13	246	24	<	<	9	<	<	1.0	25	57	72	5	46	49	827	6	37	2	3	0.10	1.54	0.65	4.88	1.17	0.04	0.02	0.09
L 6+50N 5+00W P	<	155	11	223	20	5	<	8	<	<	1.0	23	54	60	6	49	49	748	5	28	1	3	0.10	1.47	0.57	4.44	1.20	0.03	0.02	0.08
L 7+00N 5+00W P	<	171	18	175	20	<	<	7	<	<	0.8	23	62	87	<	53	52	960	9	27	<	4	0.06	1.59	0.49	4.28	1.25	0.05	0.02	0.08
L 7+50N 5+00W P	<	120	12	172	17	<	<	7	<	<	0.5	20	47	62	<	47	46	711	5	26	1	3	0.08	1.51	0.42	4.24	1.20	0.03	0.02	0.08
L 8+00N 5+00W P	<	97	16	188	22	<	<	7	<	<	0.6	22	46	62	6	49	50	732	5	27	1	3	0.08	1.57	0.40	4.40	1.20	0.04	0.02	0.10
L 8+50N 5+00W P	<	85	17	215	22	<	<	7	<	<	0.8	24	50	77	<	57	58	804	6	27	1	4	0.09	1.65	0.49	4.37	1.26	0.04	0.02	0.07
L 9+00N 5+00W P	<	149	15	202	20	<	<	8	<	<	0.4	23	67	167	<	57	56	1062	9	39	1	4	0.06	1.78	0.56	4.50	1.28	0.06	0.02	0.08
L 9+50N 5+00W P	<	55	16	157	24	5	<	8	<	<	<	16	44	86	8	59	57	614	4	27	<	3	0.08	1.67	0.40	4.35	1.30	0.03	0.02	0.07
L10+00N 5+00W P	<	101	15	183	28	<	<	10	<	2	<	27	55	98	8	66	64	739	7	28	<	4	0.08	1.92	0.33	5.04	1.34	0.03	0.02	0.06
L 0+00 5+00W P	<	2160	19	158	13	<	<	7	<	<	<	37	111	122	5	128	95	976	5	49	2	6	0.17	2.57	1.21	5.76	2.51	0.10	0.03	0.10
L 0+50S 5+00W P	<	247	13	160	13	<	<	6	<	<	<	29	73	90	<	75	66	810	4	29	1	4	0.13	1.86	0.76	4.61	1.67	0.05	0.02	0.09
L 1+00S 5+00W P	<	262	15	136	17	<	<	5	<	<	<	36	131	166	5	121	87	941	5	35	2	6	0.14	2.46	0.90	5.20	2.37	0.14	0.03	0.07
Min Limit	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*	99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate

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Client: Northern Analytical Laboratories iPL: 93J1401 Out: Oct 20, 1993 Section 1 of 1
Project: WO 00325 682 Soil Pulp In: Oct 14, 1993 Certified BC Assayer: David Chiu

Sample Name	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
L 1+50S 5+00W P	<	492	17	136	23	5	<	4	<	<	<	34	86	97	<	91	86	894	5	29	1	5	0.15	2.07	0.82	5.00	1.87	0.10	0.02	0.08
L 2+00S 5+00W P	<	199	18	156	21	<	<	6	<	<	<	30	69	103	<	79	83	823	7	57	2	7	0.14	2.31	1.83	4.67	1.89	0.20	0.03	0.10
L 2+50S 5+00W P	<	892	21	162	21	7	<	5	<	<	0.1	39	90	111	<	103	104	1097	5	36	2	6	0.20	2.37	1.20	5.94	2.29	0.10	0.03	0.10
L 3+00S 5+00W P	<	306	15	122	31	<	<	5	<	<	<	33	79	98	<	104	93	992	6	38	1	6	0.12	2.21	1.03	4.62	1.94	0.12	0.03	0.12
L 3+50S 5+00W P	<	110	17	105	18	5	<	4	<	<	<	25	59	146	<	60	76	874	8	49	2	6	0.13	2.24	1.11	4.48	1.51	0.09	0.03	0.07
L 4+00S 5+00W P	<	78	20	109	16	<	<	5	<	<	<	23	48	140	5	58	75	610	9	44	2	6	0.13	2.17	0.92	4.34	1.40	0.09	0.03	0.04
L 4+50S 5+00W P	<	143	18	98	12	<	<	5	<	<	0.1	17	45	111	<	52	62	704	8	49	1	4	0.07	1.85	1.20	3.84	1.24	0.10	0.03	0.09
L 5+00S 5+00W P	<	74	18	122	10	<	<	5	<	<	0.1	22	50	117	<	54	70	505	8	36	2	5	0.12	2.00	0.78	3.76	1.34	0.10	0.03	0.08
L 5+50S 5+00W P	<	77	16	131	9	<	<	4	<	<	<	21	46	110	<	49	67	797	8	79	4	5	0.14	1.96	2.95	4.05	1.54	0.20	0.03	0.11
L 6+00S 5+00W P	<	67	20	131	12	<	<	5	<	<	0.4	21	47	100	<	50	64	838	8	31	2	5	0.12	1.87	0.64	3.82	1.25	0.11	0.02	0.09
L 6+50S 5+00W P	<	67	16	116	14	<	<	5	<	<	0.1	20	45	110	<	47	62	681	7	36	2	5	0.10	1.82	0.80	3.86	1.21	0.17	0.02	0.07
L 7+00S 5+00W P	<	82	16	112	14	<	<	4	<	<	0.1	18	48	139	<	47	59	590	7	49	1	4	0.08	1.81	1.12	3.76	1.17	0.07	0.03	0.08
L 7+50S 5+00W P	<	109	18	124	21	5	<	4	<	<	<	23	62	145	<	65	82	720	9	43	3	7	0.17	2.43	0.83	4.75	1.58	0.10	0.03	0.07
L 8+00S 5+00W P	<	92	16	115	14	<	<	4	<	<	<	21	55	126	<	61	72	679	9	38	2	6	0.14	2.24	0.73	4.19	1.45	0.10	0.02	0.08
L 8+50S 5+00W P	<	88	12	154	20	<	<	6	<	<	0.5	18	44	144	<	36	48	975	6	63	1	2	0.05	1.48	1.57	3.44	0.95	0.06	0.03	0.13
L 9+00S 5+00W P	<	113	18	128	20	<	<	5	<	2	<	25	54	114	<	48	70	794	7	41	2	6	0.15	2.12	0.93	4.32	1.43	0.09	0.03	0.06
L 0+50N 6+00W P	<	99	15	114	13	<	<	4	<	2	<	24	57	101	<	60	70	725	7	37	1	4	0.12	2.09	0.84	4.44	1.53	0.07	0.03	0.08
L 1+00N 6+00W P	<	295	13	94	8	<	<	3	<	<	0.1	24	70	55	<	68	69	663	5	31	2	4	0.16	1.76	1.13	3.99	1.68	0.08	0.02	0.08
L 1+50N 6+00W P	<	2188	13	149	7	<	<	4	<	<	<	29	75	81	5	96	77	806	4	33	1	5	0.13	2.08	1.06	4.79	1.91	0.07	0.02	0.07
L 2+50N 6+00W P	<	869	13	116	6	<	<	4	<	<	<	23	61	111	7	71	60	686	3	46	1	3	0.09	1.64	1.52	3.65	1.46	0.05	0.02	0.06
L 3+00N 6+00W P	<	670	10	140	11	<	<	3	<	<	0.7	17	68	141	6	48	41	603	5	80	1	2	0.04	1.28	2.50	2.77	0.99	0.05	0.03	0.09
L 3+50N 6+00W P	<	679	13	156	8	<	<	4	<	<	1.4	19	62	134	<	59	55	703	4	62	1	3	0.08	1.44	1.75	3.25	1.11	0.05	0.03	0.07
L 4+50N 6+00W P	<	181	14	109	<	<	<	4	<	<	<	19	40	62	5	69	74	481	3	29	2	3	0.26	1.64	0.82	3.42	1.43	0.04	0.03	0.04
L 5+00N 6+00W P	<	299	25	103	10	<	<	4	<	2	0.1	27	64	271	<	56	64	1061	7	57	1	3	0.05	1.80	1.39	4.00	1.08	0.04	0.03	0.07
L 0+00 6+00W P	<	573	22	184	14	<	<	5	<	<	<	47	156	154	<	169	120	1084	5	45	4	7	0.23	3.21	1.15	6.70	3.49	0.17	0.03	0.08
L 0+50S 6+00W P	<	272	12	126	17	<	<	4	<	<	<	29	72	90	6	80	75	849	4	34	1	4	0.12	1.99	1.03	4.52	1.86	0.14	0.02	0.09
L 1+00S 6+00W P	<	91	13	176	20	<	<	7	<	<	0.3	27	43	91	<	46	51	674	6	33	1	3	0.06	1.43	0.66	4.12	1.06	0.08	0.02	0.08
L 1+50S 6+00W P	<	129	13	127	8	<	<	3	<	<	1.3	23	101	99	<	68	58	649	5	44	1	3	0.10	1.53	1.83	3.51	1.57	0.12	0.03	0.07
L 2+00S 6+00W P	<	282	54	158	15	<	<	5	<	<	0.2	30	75	100	<	87	77	872	6	30	2	6	0.13	2.06	1.25	4.52	2.19	0.14	0.03	0.08
L 2+50S 6+00W P	<	101	16	274	21	<	<	8	<	<	1.3	25	60	73	<	48	50	868	7	33	1	4	0.08	1.56	0.57	4.75	1.23	0.05	0.02	0.10
L 3+00S 6+00W P	<	250	17	144	14	<	<	5	<	<	<	22	51	107	<	71	68	658	4	56	1	4	0.06	1.98	1.67	4.22	1.53	0.08	0.02	0.09
L 3+50S 6+00W P	<	175	15	115	14	<	<	4	<	3	0.1	21	47	116	5	58	62	660	6	47	1	3	0.07	1.83	1.32	3.79	1.33	0.10	0.03	0.06
L 4+00S 6+00W P	<	111	17	155	18	<	<	5	<	3	0.7	18	40	164	<	47	60	655	6	42	<	3	0.05	1.84	0.83	3.92	1.10	0.05	0.03	0.11
L 4+50S 6+00W P	<	103	18	143	13	<	<	4	<	2	<	25	59	105	<	57	70	771	7	37	2	5	0.13	2.30	0.95	4.68	1.62	0.14	0.03	0.06
L 5+00S 6+00W P	<	95	16	125	20	<	<	4	<	<	<	24	68	105	<	64	78	771	8	44	2	6	0.15	2.25	1.01	4.60	1.62	0.14	0.04	0.09
L 5+50S 6+00W P	<	128	19	126	20	5	<	4	<	<	<	24	61	111	<	63	80	840	8	41	2	6	0.15	2.25	0.97	4.66	1.63	0.15	0.03	0.10
L 6+00S 6+00W P	<	97	17	126	16	<	<	4	<	3	<	21	58	128	<	58	68	632	7	46	2	5	0.11	2.12	1.14	4.29	1.47	0.09	0.03	0.08
L 6+50S 6+00W P	<	77	20	135	12	<	<	4	<	<	<	25	56	128	<	62	75	658	8	36	2	6	0.12	2.37	0.70	4.47	1.56	0.09	0.03	0.08
L 7+00S 6+00W P	<	117	17	94	16	<	<	4	<	2	<	21	57	133	<	59	67	644	7	35	2	5	0.13	2.07	0.68	4.06	1.40	0.07	0.03	0.06
Min Limit	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*	99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

--=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate

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Client: Northern Analytical Laboratories iPL: 93J1401 Out: Oct 20, 1993 Section 1 of 1
Project: WO 00325 682 Soil Pulp In: Oct 14, 1993 Certified BC Assayer: David Chiu

Sample Name		Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
L 7+50S 6+00W	P	<	144	16	121	18	<	<	5	<	2	<	29	67	126	<	71	81	1309	7	40	2	6	0.17	2.35	0.87	4.70	1.67	0.10	0.03	0.09
L 8+00S 6+00W	P	<	110	16	109	14	<	<	4	<	<	<	23	50	131	<	55	72	622	7	39	2	5	0.16	2.10	0.85	4.23	1.42	0.10	0.03	0.04
L 8+50S 6+00W	P	<	155	18	121	16	<	<	4	<	<	<	28	51	160	<	60	79	876	6	64	4	6	0.19	2.19	2.31	4.46	1.70	0.12	0.03	0.09
L 9+00S 6+00W	P	<	113	17	161	20	<	<	5	<	<	0.4	27	54	143	<	48	61	896	7	49	1	4	0.09	1.76	1.31	4.13	1.29	0.17	0.03	0.10
L 0+50N 7+00W	P	<	136	15	91	12	<	<	4	<	<	<	29	91	112	<	87	84	797	7	39	2	6	0.23	2.05	0.79	4.29	1.75	0.09	0.03	0.05
L 1+00N 7+00W	P	<	620	18	122	8	5	<	4	<	3	<	39	73	74	<	113	130	956	3	24	2	6	0.38	2.58	0.97	5.53	2.33	0.05	0.02	0.05
L 1+50N 7+00W	P	<	299	14	122	12	<	<	4	<	<	<	25	83	136	<	78	79	701	6	48	2	5	0.20	1.98	1.25	4.09	1.57	0.07	0.03	0.08
L 2+00N 7+00W	P	<	692	14	129	8	5	<	4	<	<	<	30	75	120	<	91	87	805	5	50	2	5	0.17	2.14	1.51	4.56	1.85	0.09	0.03	0.09
L 2+50N 7+00W	P	<	4818	21	195	18	<	<	4	<	<	1.0	23	96	173	6	76	66	718	5	71	1	4	0.10	1.87	2.16	3.89	1.45	0.09	0.03	0.10
L 3+00N 7+00W	P	<	314	14	147	12	5	<	4	<	<	<	26	72	123	<	86	85	764	6	48	1	5	0.14	2.19	1.27	4.64	1.73	0.08	0.03	0.06
L 3+50N 7+00W	P	<	136	14	125	16	<	<	4	<	<	<	26	68	111	<	82	88	663	4	39	2	5	0.20	2.39	0.97	4.63	1.79	0.08	0.03	0.05
L 4+00N 7+00W	P	<	177	11	102	12	<	<	3	<	2	0.5	15	46	160	<	41	48	476	5	67	1	2	0.07	1.34	1.79	2.79	0.75	0.04	0.03	0.08
L 4+50N 7+00W	P	<	410	20	176	9	<	<	5	<	<	<	23	67	203	<	78	69	888	8	66	1	4	0.07	2.03	1.70	4.01	1.47	0.06	0.03	0.11
L 5+00N 7+00W	P	<	581	16	146	13	<	<	3	<	<	0.9	21	58	141	6	65	69	889	6	56	1	4	0.13	1.87	1.46	3.47	1.28	0.05	0.03	0.10
L 5+50N 7+00W	P	<	295	15	150	22	5	3	5	<	<	0.9	15	48	181	<	63	75	464	6	53	1	3	0.09	1.91	1.27	3.50	1.18	0.06	0.03	0.09
L 6+00N 7+00W	P	<	140	18	186	23	6	<	8	<	<	1.3	28	62	187	<	65	78	943	9	42	1	6	0.12	2.23	1.18	5.00	2.14	0.06	0.02	0.05
L 6+50N 7+00W	P	<	151	21	267	29	6	<	7	<	<	2.3	29	58	156	<	61	67	1223	8	50	1	4	0.11	1.97	1.02	4.73	1.38	0.08	0.03	0.10
L 7+00N 7+00W	P	<	95	18	189	27	10	<	7	<	<	0.5	31	52	69	<	70	72	885	6	34	1	4	0.16	1.89	0.54	4.94	1.46	0.05	0.02	0.08
L 7+50N 7+00W	P	<	107	15	217	22	6	<	8	<	<	0.7	22	54	104	<	52	57	728	6	40	1	4	0.11	1.63	0.62	4.45	1.21	0.05	0.03	0.08
L 8+00N 7+00W	P	<	229	16	230	29	5	<	9	<	<	0.8	28	65	91	5	62	61	958	7	38	1	4	0.12	1.87	0.67	5.37	1.48	0.05	0.03	0.10
L 8+50N 7+00W	P	<	156	19	214	19	5	<	7	<	2	0.6	24	56	58	<	59	60	773	5	33	1	4	0.15	1.67	0.65	4.55	1.36	0.03	0.02	0.08
L 9+00N 7+00W	P	<	119	15	208	16	<	<	7	<	<	0.9	24	53	71	<	55	59	796	6	38	1	4	0.13	1.75	0.64	4.57	1.36	0.09	0.02	0.09
L 9+50N 7+00W	P	<	112	17	227	18	<	<	8	<	<	0.5	25	56	104	<	61	68	843	6	43	1	5	0.16	1.96	0.60	4.96	1.42	0.05	0.03	0.09
L10+00N 7+00W	P	<	133	24	243	32	9	<	8	<	<	0.9	30	65	187	<	72	77	996	7	48	1	5	0.18	2.16	0.78	5.65	1.59	0.07	0.03	0.12
L 0+00 7+00W	P	<	131	15	110	14	<	<	3	<	<	<	27	85	144	<	66	90	793	10	70	2	6	0.23	2.12	1.74	4.47	1.73	0.14	0.05	0.07
L 0+50S 7+00W	P	<	132	17	106	16	<	<	5	<	<	<	27	82	151	<	66	88	782	10	73	2	6	0.22	2.06	2.02	4.37	1.72	0.14	0.05	0.08
L 1+00S 7+00W	P	<	255	20	166	14	<	<	3	<	<	<	35	103	154	<	79	79	1120	8	60	1	4	0.15	2.01	2.35	4.39	2.00	0.19	0.04	0.11
L 1+50S 7+00W	P	<	599	16	137	21	<	<	4	<	<	<	36	105	121	<	83	93	963	6	46	1	5	0.17	2.37	1.77	4.81	1.86	0.10	0.03	0.10
L 2+00S 7+00W	P	<	191	11	120	14	<	<	4	<	<	0.5	23	78	114	<	64	66	780	5	58	2	4	0.11	1.74	2.12	3.78	1.49	0.15	0.03	0.10
L 2+50S 7+00W	P	<	340	16	125	20	<	<	4	<	2	<	34	68	71	<	73	105	805	8	33	2	8	0.15	2.38	0.82	5.08	1.81	0.40	0.03	0.07
L 3+00S 7+00W	P	<	302	17	142	19	<	<	5	<	<	<	34	68	128	<	92	104	1216	7	40	1	8	0.16	2.41	0.89	5.15	1.78	0.10	0.03	0.09
L 3+50S 7+00W	P	<	191	25	183	12	<	<	5	<	<	0.7	30	72	153	<	72	69	1203	6	63	1	4	0.12	1.85	2.11	3.91	1.54	0.12	0.03	0.12
L 4+00S 7+00W	P	<	128	17	154	20	<	<	5	<	<	<	26	58	119	<	60	70	828	7	61	1	4	0.12	1.85	1.60	4.19	1.37	0.16	0.03	0.08
L 4+50S 7+00W	P	<	104	22	152	17	<	<	6	<	<	<	24	43	135	<	53	69	759	6	47	1	4	0.11	1.77	0.98	4.06	1.17	0.09	0.03	0.11
L 5+00S 7+00W	P	<	124	35	247	16	<	<	6	<	<	0.6	24	56	128	5	63	83	780	8	56	1	6	0.16	2.30	1.30	4.58	1.58	0.14	0.03	0.11
L 5+50S 7+00W	P	<	140	24	157	18	<	<	6	<	<	<	23	44	160	<	60	78	768	7	50	1	5	0.11	2.21	1.13	4.37	1.34	0.11	0.03	0.09
L 6+00S 7+00W	P	<	125	16	103	16	6	<	4	<	<	<	29	62	96	<	68	93	826	8	48	4	7	0.28	2.36	0.97	4.46	1.68	0.12	0.03	0.07
L 6+50S 7+00W	P	<	105	19	117	16	<	<	4	<	<	<	28	109	97	5	84	82	723	6	52	3	5	0.23	1.91	1.73	4.21	1.74	0.14	0.03	0.06
L 7+00S 7+00W	P	<	140	26	99	10	<	<	4	<	<	<	25	64	149	<	68	76	639	8	34	2	6	0.16	2.28	0.66	4.30	1.56	0.09	0.03	0.03
Min Limit		0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

--=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate

CERTIFICATE OF ANALYSIS
iPL 93J1401

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Client: Northern Analytical Laboratories　iPL: 93J1401　Out: Oct 20, 1993　　Section 1 of 1
Project: WO 00325　682 Soil Pulp　In: Oct 14, 1993　Certified BC Assayer: David Chiu

Sample Name	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
L 7+50S 7+00W P	<	83	18	102	10	<	<	4	<	<	<	21	56	114	<	64	76	584	7	39	3	6	0.17	2.29	0.82	4.32	1.54	0.12	0.03	0.03
L 8+00S 7+00W P	<	92	13	113	10	<	<	4	<	<	0.1	23	50	125	<	50	65	718	6	97	2	5	0.16	2.04	3.50	3.93	1.45	0.12	0.03	0.07
L 8+50S 7+00W P	<	63	15	100	10	<	<	3	<	<	<	19	48	89	<	53	72	573	7	42	3	5	0.17	1.97	0.83	3.82	1.34	0.11	0.03	0.07
L 0+50N 8+00W P	<	120	11	100	7	<	<	3	<	<	<	33	121	104	<	108	85	784	5	56	2	5	0.20	2.00	1.20	4.54	1.95	0.09	0.04	0.09
L 1+00N 8+00W P	<	127	10	96	5	<	<	2	<	<	0.3	24	84	101	<	76	68	742	5	70	2	3	0.16	1.61	2.51	3.57	1.49	0.10	0.04	0.08
L 1+50N 8+00W P	<	158	16	106	<	<	<	4	<	3	<	28	89	133	<	91	84	825	6	56	2	5	0.18	2.08	1.57	4.19	1.79	0.10	0.03	0.09
L 2+00N 8+00W P	<	245	14	114	<	<	<	3	<	<	<	34	70	107	<	95	106	833	5	38	2	6	0.31	2.30	1.01	4.70	1.90	0.10	0.03	0.08
L 2+50N 8+00W P	<	235	10	119	<	<	<	3	<	<	<	30	71	103	<	103	95	836	4	40	2	6	0.20	2.35	1.07	4.73	2.00	0.09	0.03	0.08
L 3+00N 8+00W P	<	200	12	109	7	<	<	4	<	<	<	25	48	151	<	83	80	781	5	37	1	4	0.12	2.14	0.86	4.37	1.63	0.06	0.03	0.09
L 3+50N 8+00W P	<	212	11	113	<	<	<	3	<	<	<	24	52	83	<	87	82	640	3	30	1	4	0.17	2.01	0.73	4.21	1.73	0.06	0.03	0.05
L 4+00N 8+00W P	<	268	11	138	<	<	<	4	<	<	<	31	68	119	<	92	92	900	4	36	1	5	0.16	2.35	0.83	4.76	1.80	0.08	0.03	0.07
L 4+50N 8+00W P	<	72	15	99	7	<	<	3	<	<	<	26	55	93	<	72	80	649	4	32	1	5	0.20	2.18	0.76	4.20	1.68	0.08	0.02	0.05
L 5+00N 8+00W P	<	166	12	126	<	<	<	2	<	<	<	34	64	177	<	91	96	724	3	34	2	5	0.22	2.40	0.90	4.84	1.95	0.07	0.03	0.06
L 5+50N 8+00W P	<	90	13	88	<	<	<	3	<	<	<	23	42	75	<	70	90	575	3	30	2	4	0.32	2.04	0.82	3.82	1.53	0.05	0.02	0.03
L 6+00N 8+00W P	<	590	11	122	8	5	<	4	<	<	<	32	78	129	<	99	105	879	6	36	2	6	0.27	2.64	0.94	5.11	2.05	0.07	0.03	0.07
L 6+50N 8+00W P	0.1	99	14	190	18	<	<	8	<	<	0.7	25	47	74	<	56	56	734	7	37	1	4	0.11	1.66	0.50	4.58	1.22	0.05	0.03	0.07
L 7+00N 8+00W P	0.2	163	16	225	16	5	<	5	<	<	1.7	28	52	164	<	55	57	932	8	46	1	4	0.08	1.69	0.92	4.10	1.16	0.09	0.03	0.10
L 8+00N 8+00W P	0.2	112	15	262	23	<	<	8	<	<	0.5	26	58	77	<	45	52	845	6	45	2	4	0.12	1.51	0.68	5.06	1.12	0.04	0.03	0.10
L 8+50N 8+00W P	0.1	101	18	263	27	8	<	8	<	<	1.5	25	55	96	<	54	58	787	6	42	1	4	0.11	1.63	0.71	4.81	1.31	0.07	0.03	0.13
L 9+00N 8+00W P	<	110	25	223	20	<	<	7	<	2	0.6	23	53	65	<	49	52	802	5	38	2	3	0.12	1.57	0.81	4.65	1.27	0.04	0.03	0.09
L 9+50N 8+00W P	<	114	39	213	17	<	<	7	<	<	0.5	23	53	58	<	49	51	800	5	35	2	3	0.12	1.59	0.79	4.49	1.29	0.03	0.03	0.08
L10+00N 8+00W P	<	80	23	168	19	6	<	6	<	<	0.1	26	46	85	<	60	58	771	6	36	1	4	0.09	1.76	0.67	4.54	1.30	0.04	0.03	0.08
L 0+00 8+00W P	<	92	17	108	18	<	<	4	<	<	<	29	100	95	<	73	79	798	6	34	2	6	0.18	2.07	0.71	4.30	1.62	0.14	0.04	0.03
L 0+50S 8+00W P	<	176	16	110	14	5	<	4	<	3	<	44	267	131	<	138	95	908	5	73	3	6	0.24	2.40	3.07	5.01	3.07	0.16	0.05	0.09
L 1+00S 8+00W P	<	94	72	997	14	<	<	3	<	2	<	27	73	152	<	58	72	775	7	99	3	6	0.17	2.14	3.80	4.11	1.60	0.11	0.04	0.08
L 1+50S 8+00W P	<	125	22	114	13	<	<	3	<	<	<	25	74	132	<	61	75	774	8	43	3	6	0.18	2.15	0.96	4.16	1.53	0.10	0.04	0.04
L 2+00S 8+00W P	<	148	14	119	13	<	<	3	<	2	<	22	63	154	<	66	78	676	7	39	2	6	0.16	2.28	0.81	4.46	1.55	0.09	0.03	0.07
L 2+50S 8+00W P	<	158	15	125	13	5	<	3	<	<	<	28	78	115	<	71	72	945	6	47	2	4	0.11	2.13	1.45	4.31	1.68	0.11	0.03	0.09
L 3+00S 8+00W P	<	150	17	106	14	<	<	4	<	<	0.4	25	61	152	<	46	52	915	8	57	1	2	0.05	1.46	2.12	3.38	1.09	0.12	0.03	0.13
L 3+50S 8+00W P	<	243	17	118	14	<	<	4	<	2	<	28	68	145	<	74	74	855	7	43	1	4	0.10	2.15	1.26	4.42	1.64	0.10	0.03	0.09
L 4+00S 8+00W P	<	171	27	127	15	5	<	4	<	<	<	31	83	139	<	83	80	921	6	40	2	5	0.15	2.18	1.45	4.67	1.92	0.12	0.03	0.10
L 4+50S 8+00W P	<	175	15	133	13	<	<	4	<	<	<	22	46	157	<	55	71	668	6	36	1	5	0.13	1.94	0.90	4.08	1.46	0.08	0.03	0.08
L 5+00S 8+00W P	<	360	20	166	14	<	<	4	<	3	<	26	58	230	<	72	73	821	6	48	1	4	0.06	2.29	1.57	4.64	1.72	0.09	0.03	0.10
L 5+50S 8+00W P	<	140	18	101	11	<	<	4	<	2	<	27	97	113	<	70	74	784	8	39	1	4	0.14	2.01	1.02	4.28	1.47	0.13	0.04	0.06
L 6+50S 8+00W P	<	91	18	121	15	<	<	4	<	<	<	25	46	102	<	57	74	774	5	37	2	5	0.17	2.07	0.82	4.36	1.38	0.11	0.03	0.04
L 7+00S 8+00W P	<	238	25	183	17	<	<	4	<	3	<	32	65	196	<	84	89	1116	7	38	3	7	0.17	2.63	0.79	5.34	1.83	0.13	0.03	0.08
L 7+50S 8+00W P	<	96	23	272	26	<	<	9	<	<	0.8	25	55	77	<	39	47	759	6	40	2	3	0.10	1.40	0.43	5.13	0.99	0.03	0.03	0.09
L 8+00S 8+00W P	0.2	75	19	262	23	<	<	8	<	<	0.1	12	48	232	<	38	56	585	9	34	1	3	0.03	1.39	0.29	4.16	0.75	0.05	0.03	0.11
L 8+50S 8+00W P	0.3	73	25	280	25	<	<	10	<	<	0.6	17	42	307	<	31	55	866	10	39	<	2	0.02	1.23	0.35	4.09	0.64	0.05	0.03	0.10
Min Limit	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*	99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

---=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate

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Client: Northern Analytical Laboratories iPL: 93J1401 Out: Oct 20, 1993 Section 1 of 1
Project: WO 00325 682 Soil Pulp In: Oct 14, 1993 Certified BC Assayer: David Chiu

Sample Name	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
L 9+00S 8+00W P	0.2	77	19	254	21	<	<	9	<	<	0.6	22	41	343	<	34	57	1069	12	40	<	2	0.03	1.42	0.42	4.21	0.76	0.05	0.04	0.10
L 0+50N 9+00W P	<	146	17	91	10	<	<	4	<	<	<	27	125	96	<	105	74	693	5	40	1	5	0.11	1.97	1.30	4.12	2.04	0.09	0.03	0.07
L 1+00N 9+00W P	<	198	16	106	14	<	<	4	<	<	<	31	103	118	<	101	86	815	5	38	2	6	0.18	2.34	1.02	4.65	1.99	0.10	0.04	0.03
L 1+50N 9+00W P	<	147	12	104	5	<	<	3	<	<	<	23	72	108	<	79	71	634	4	39	1	4	0.13	1.83	1.28	3.81	1.53	0.07	0.03	0.08
L 2+00N 9+00W P	<	253	14	320	6	<	<	4	<	<	<	30	76	110	<	99	87	948	4	37	2	4	0.10	2.41	1.30	4.79	2.08	0.09	0.03	0.07
L 2+50N 9+00W P	<	206	11	450	6	<	<	3	<	<	<	35	70	114	<	110	101	1013	4	40	2	6	0.16	2.73	1.37	5.09	2.33	0.08	0.03	0.08
L 3+00N 9+00W P	<	290	15	247	10	6	<	4	<	<	<	28	60	113	<	85	76	1198	4	48	1	3	0.09	2.16	1.86	4.26	1.84	0.06	0.03	0.09
L 3+50N 9+00W P	<	107	12	159	9	5	<	4	<	<	<	29	44	41	<	88	112	672	2	22	3	4	0.39	2.27	0.80	4.78	1.79	0.07	0.02	0.02
L 4+00N 9+00W P	<	149	8	135	9	<	<	4	<	<	<	17	36	60	<	64	83	462	3	33	2	4	0.17	1.78	0.76	3.69	1.27	0.07	0.03	0.02
L 4+50N 9+00W P	<	287	12	174	5	<	<	4	<	<	<	28	60	95	<	87	83	896	4	38	1	4	0.15	2.20	1.07	4.39	1.81	0.07	0.03	0.07
L 5+00N 9+00W P	<	302	13	153	5	<	<	4	<	<	<	28	72	110	<	87	83	833	6	40	1	5	0.16	2.26	1.01	4.41	1.83	0.06	0.03	0.07
L 5+50N 9+00W P	<	91	14	101	7	<	<	2	<	<	<	21	51	61	<	55	66	751	4	30	2	4	0.18	1.81	0.82	3.67	1.54	0.06	0.03	0.07
L 6+00N 9+00W P	<	106	13	101	6	<	<	3	<	<	<	26	58	115	<	72	76	562	4	34	2	4	0.21	1.96	0.83	3.70	1.56	0.05	0.04	0.08
L 6+50N 9+00W P	<	385	21	98	8	<	<	4	<	<	<	22	50	135	<	62	72	779	6	38	1	4	0.12	1.82	0.93	3.97	1.30	0.05	0.03	0.08
L 7+00N 9+00W P	<	120	19	211	24	6	<	8	<	<	<	27	57	119	<	66	68	893	7	38	1	5	0.11	1.92	0.55	4.98	1.38	0.05	0.03	0.06
L 7+50N 9+00W P	<	99	16	176	18	<	<	7	<	<	0.3	25	45	91	<	54	57	818	6	34	1	4	0.11	1.61	0.60	4.29	1.22	0.04	0.03	0.08
L 8+00N 9+00W P	<	56	23	184	19	<	<	7	<	<	0.3	21	38	101	<	50	54	705	5	33	1	3	0.09	1.46	0.52	4.12	1.09	0.05	0.03	0.09
L 8+50N 9+00W P	<	88	16	175	20	<	<	7	<	<	0.5	29	48	90	<	54	55	1017	7	38	1	4	0.08	1.66	0.80	4.41	1.19	0.06	0.03	0.09
L 9+00N 9+00W P	<	120	18	247	26	6	<	9	<	<	1.0	26	57	84	<	45	52	868	7	48	2	4	0.11	1.51	0.74	4.86	1.09	0.04	0.03	0.10
L 9+50N 9+00W P	<	117	20	230	16	<	<	8	<	<	0.5	23	53	65	<	47	51	755	5	33	2	3	0.11	1.52	0.59	4.69	1.17	0.03	0.03	0.08
L10+00N 9+00W P	<	101	19	223	16	<	<	7	<	<	0.9	22	51	71	<	46	50	786	6	36	2	3	0.12	1.54	0.69	4.37	1.17	0.04	0.03	0.08
L 0+00 9+00W P	<	139	13	92	7	5	<	4	<	<	<	30	198	94	<	118	82	644	6	35	2	6	0.17	2.08	0.92	4.46	2.42	0.10	0.04	0.08
L 0+50S 9+00W P	<	124	13	80	8	<	<	3	<	<	<	29	145	129	<	93	70	828	6	53	1	4	0.13	1.82	1.67	3.88	1.85	0.08	0.03	0.06
L 1+00S 9+00W P	<	141	15	94	12	<	<	4	<	<	<	35	156	133	<	107	92	928	9	46	2	6	0.23	2.24	1.19	4.74	2.08	0.11	0.04	0.04
L 1+50S 9+00W P	<	96	18	79	11	<	<	3	<	<	<	31	131	83	<	87	86	719	6	42	2	5	0.19	2.09	1.16	4.46	1.62	0.11	0.04	0.05
L 2+00S 9+00W P	<	132	19	79	15	<	<	5	<	2	<	27	165	111	<	83	72	774	8	46	1	4	0.12	1.89	1.17	4.08	1.63	0.11	0.04	0.07
L 2+50S 9+00W P	<	105	18	86	16	5	<	3	<	<	<	27	132	123	<	73	80	725	11	48	1	6	0.16	2.46	1.09	4.36	1.55	0.13	0.05	0.05
L 3+00S 9+00W P	<	73	12	77	13	<	<	3	<	<	<	23	119	86	<	72	71	581	6	40	3	5	0.18	1.81	1.01	3.73	1.62	0.08	0.04	0.09
L 3+50S 9+00W P	<	108	13	96	14	<	<	3	<	3	<	22	78	48	<	59	64	661	7	31	2	5	0.14	1.92	0.69	4.25	1.43	0.13	0.03	0.06
L 4+00S 9+00W P	<	436	16	88	7	<	<	4	<	2	<	31	59	104	<	82	87	1048	4	25	2	4	0.25	2.07	0.86	4.62	1.89	0.09	0.03	0.09
L 4+50S 9+00W P	<	242	14	131	13	<	<	4	<	3	<	30	64	143	<	68	76	1013	6	43	1	4	0.14	2.01	1.29	4.55	1.72	0.13	0.04	0.11
L 5+00S 9+00W P	<	70	15	101	16	<	<	3	<	<	0.4	28	103	72	<	82	66	811	6	43	2	5	0.14	1.77	1.14	3.85	1.68	0.13	0.03	0.08
L 5+50S 9+00W P	<	103	28	150	22	5	<	5	<	<	<	29	131	94	<	95	76	692	7	63	2	7	0.16	2.11	1.17	4.71	1.91	0.11	0.03	0.10
L 6+00S 9+00W P	<	89	17	219	18	<	<	8	<	2	0.6	23	56	73	<	52	54	807	7	35	2	4	0.11	1.63	0.47	4.53	1.24	0.04	0.03	0.08
L 6+50S 9+00W P	<	239	15	121	9	<	<	6	<	<	<	32	57	112	<	92	114	922	5	34	2	7	0.26	2.44	0.82	5.35	1.91	0.12	0.03	0.07
L 7+00S 9+00W P	<	79	13	192	23	5	<	8	<	<	<	25	48	124	<	62	69	750	8	46	1	5	0.09	1.93	0.70	4.97	1.30	0.07	0.03	0.10
L 7+50S 9+00W P	<	55	18	127	13	<	<	4	<	<	<	20	42	118	<	55	74	671	7	46	2	6	0.15	2.25	0.87	4.16	1.43	0.09	0.03	0.08
L 8+00S 9+00W P	<	79	22	102	19	<	<	3	<	<	<	26	47	77	<	44	64	864	10	37	2	7	0.15	2.11	0.82	4.39	1.32	0.07	0.02	0.08
L 8+50S 9+00W P	<	120	30	117	31	<	<	5	<	<	<	30	53	81	<	43	64	863	7	43	2	5	0.14	1.83	1.17	5.05	1.37	0.08	0.03	0.11
Min Limit	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*	99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate

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Client: Northern Analytical Laboratories   iPL: 93J1401   Out: Oct 20, 1993   Section 1 of 1
Project: WO 00325   682 Soil Pulp   In: Oct 14, 1993   Certified BC Assayer: David Chiu

Sample Name	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
L 9+00S 9+00W P	<	70	22	101	18	<	<	4	<	<	<	25	44	113	<	47	71	833	8	41	1	5	0.11	2.34	0.76	4.44	1.36	0.12	0.03	0.09
L 0+00 10+00W P	<	259	13	98	9	<	<	3	<	<	<	33	156	160	<	115	88	913	7	41	1	6	0.14	2.37	1.11	4.65	2.22	0.10	0.04	0.08
L 0+50N 10+00W P	<	179	10	93	<	<	<	3	<	<	<	26	83	106	<	77	81	720	5	39	2	4	0.13	1.80	1.23	3.91	1.60	0.08	0.04	0.07
L 1+00N 10+00W P	<	229	11	180	5	<	<	3	<	<	<	29	83	103	<	90	85	891	5	31	1	5	0.18	2.09	0.90	4.29	1.86	0.12	0.03	0.08
L 1+50N 10+00W P	<	174	8	122	6	<	<	3	<	<	<	25	69	103	<	79	76	727	5	35	1	4	0.16	1.91	0.94	3.80	1.61	0.07	0.03	0.09
L 2+00N 10+00W P	<	252	13	190	9	<	<	2	<	<	<	30	73	131	<	96	89	884	4	32	1	4	0.14	2.33	0.94	4.76	1.93	0.07	0.03	0.08
L 2+50N 10+00W P	<	148	12	179	8	<	<	4	<	<	0.2	30	63	118	<	78	87	877	5	33	2	4	0.16	2.02	0.76	4.51	1.53	0.08	0.03	0.07
L 3+00N 10+00W P	<	267	10	197	<	<	<	2	<	<	<	33	74	99	<	112	100	913	4	27	1	5	0.16	2.66	0.83	5.39	2.35	0.07	0.03	0.09
L 3+50N 10+00W P	<	168	11	183	16	<	<	5	<	2	0.1	29	55	62	<	83	90	791	5	30	1	4	0.10	2.31	0.70	4.83	1.64	0.11	0.03	0.06
L 4+00N 10+00W P	<	200	8	92	<	<	<	4	<	<	<	30	61	87	<	95	92	704	3	30	2	4	0.24	2.21	0.90	4.43	1.99	0.04	0.03	0.07
L 4+50N 10+00W P	<	369	9	115	<	<	<	5	<	<	<	34	78	117	<	114	101	918	4	45	1	5	0.13	2.78	1.36	5.27	2.26	0.09	0.03	0.07
L 5+00N 10+00W P	<	149	16	116	<	<	<	5	<	3	<	31	70	108	<	103	102	662	3	44	2	6	0.25	2.63	1.06	4.84	2.10	0.07	0.03	0.07
L 5+50N 10+00W P	<	202	19	142	17	8	<	6	<	<	<	31	72	141	<	98	95	1218	6	63	1	6	0.14	2.43	1.41	4.72	1.82	0.08	0.04	0.08
L 6+00N 10+00W P	<	151	19	124	12	<	<	6	<	3	<	24	64	122	<	80	79	633	4	58	1	5	0.14	2.01	1.43	4.17	1.55	0.07	0.03	0.07
L 6+50N 10+00W P	<	187	18	98	7	<	<	3	<	<	0.5	20	56	123	<	69	62	563	5	63	2	3	0.09	1.79	1.72	3.58	1.38	0.06	0.03	0.08
L 7+00N 10+00W P	<	75	18	191	18	<	<	6	<	3	0.9	22	43	45	<	50	54	739	6	27	1	4	0.10	1.62	0.45	4.17	1.25	0.04	0.02	0.06
L 7+50N 10+00W P	<	184	17	170	18	<	<	7	<	<	0.3	26	57	85	<	61	60	1006	8	51	1	5	0.09	1.78	1.16	4.65	1.36	0.05	0.02	0.10
L 8+00N 10+00W P	<	105	13	183	18	<	<	7	<	<	0.3	29	47	128	<	60	62	901	2	38	<	3	0.06	1.89	0.64	4.73	1.35	0.04	0.03	0.11
L 8+50N 10+00W P	<	82	23	212	12	<	<	5	<	3	0.8	32	52	170	<	53	63	805	6	35	1	3	0.07	1.74	0.60	4.36	1.07	0.06	0.03	0.09
L 9+00N 10+00W P	<	70	17	179	17	<	<	7	<	<	<	26	45	71	<	60	65	805	5	36	1	4	0.14	1.83	0.52	4.83	1.36	0.06	0.02	0.09
L 9+50N 10+00W P	<	125	20	286	19	<	<	8	<	<	3.3	34	71	129	<	78	77	1580	7	61	1	6	0.15	2.52	1.02	5.66	1.87	0.09	0.03	0.10
L10+00N 10+00W P	<	142	24	353	26	8	<	9	<	<	2.8	36	78	147	<	83	81	1298	9	73	1	6	0.15	2.57	1.15	6.09	1.87	0.11	0.03	0.13
L 0+00 11+00W P	<	187	14	131	13	8	<	4	<	<	<	34	115	154	<	113	100	1020	7	40	1	5	0.15	2.62	0.84	5.28	2.09	0.11	0.04	0.10
L 0+50N 11+00W P	<	187	10	101	<	<	<	3	<	<	<	28	116	134	<	102	86	730	6	32	1	5	0.15	2.29	0.70	4.67	2.02	0.08	0.03	0.08
L 1+00N 11+00W P	<	150	10	88	10	<	<	3	<	<	<	25	86	155	<	83	74	719	5	40	1	3	0.08	1.91	1.00	4.02	1.51	0.06	0.03	0.11
L 1+50N 11+00W P	<	89	12	95	<	<	<	3	<	<	<	27	80	87	<	88	81	668	4	31	2	5	0.21	1.96	0.82	4.05	1.89	0.08	0.03	0.07
L 2+00N 11+00W P	<	338	11	115	<	<	<	3	<	<	<	31	75	89	<	98	87	960	4	28	1	4	0.18	2.14	0.88	4.53	1.92	0.08	0.03	0.09
L 2+50N 11+00W P	<	684	16	118	8	<	<	4	<	<	<	40	77	110	<	133	120	1202	4	27	2	6	0.21	2.82	1.07	6.10	2.55	0.21	0.03	0.10
L 3+00N 11+00W P	<	151	13	136	7	<	<	4	<	<	0.7	24	52	108	<	67	73	802	5	43	1	4	0.14	1.73	1.14	3.90	1.36	0.13	0.03	0.09
L 3+50N 11+00W P	<	96	19	138	12	<	<	5	<	2	<	30	53	129	<	74	103	796	6	47	2	4	0.22	2.00	0.97	4.87	1.43	0.11	0.04	0.09
L 4+00N 11+00W P	<	421	17	148	6	5	<	4	<	<	<	39	90	137	<	135	106	1061	4	39	1	5	0.12	3.14	1.33	6.00	2.68	0.11	0.03	0.09
L 4+50N 11+00W P	<	247	15	89	11	5	<	4	<	2	<	35	84	43	<	113	114	710	3	37	3	5	0.38	2.22	1.02	4.80	2.04	0.10	0.04	0.06
L 5+00N 11+00W P	<	292	13	119	<	<	<	3	<	2	<	36	117	121	<	121	101	1012	5	54	2	6	0.20	2.70	1.44	5.15	2.37	0.10	0.03	0.07
L 5+50N 11+00W P	<	167	19	106	9	<	<	5	<	<	<	33	73	62	<	98	99	889	4	36	2	5	0.27	2.17	0.98	4.78	1.96	0.07	0.03	0.09
L 6+00N 11+00W P	<	314	12	118	10	6	<	4	<	<	<	31	93	128	<	107	85	1105	5	66	1	5	0.12	2.48	1.74	4.94	2.13	0.08	0.03	0.09
L 6+50N 11+00W P	<	267	11	112	5	<	<	5	<	<	<	25	71	91	<	103	89	575	5	50	2	5	0.17	2.41	1.27	4.81	1.98	0.07	0.03	0.08
L 7+00N 11+00W P	<	89	11	166	17	<	<	6	<	<	0.5	19	44	58	<	57	54	626	6	29	1	4	0.09	1.65	0.50	4.19	1.30	0.04	0.02	0.06
L 7+50N 11+00W P	<	132	13	162	16	<	<	6	<	<	0.4	24	52	67	<	59	54	751	6	30	1	4	0.10	1.57	0.56	4.37	1.28	0.04	0.03	0.08
L 8+00N 11+00W P	<	168	52	195	20	<	<	6	<	<	0.8	27	61	111	<	57	62	1084	9	38	1	5	0.12	1.72	0.63	4.61	1.24	0.06	0.03	0.08
Min Limit	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*	99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

—=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate

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Client: Northern Analytical Laboratories iPL: 93J1401 Out: Oct 20, 1993 Section 1 of 1
Project: WO 00325 682 Soil Pulp In: Oct 14, 1993 Certified BC Assayer: David Chiu

Sample Name	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
L 8+50N 11+00W P	<	138	14	188	24	6	<	8	<	<	<	28	60	114	<	62	73	940	8	43	1	5	0.15	2.00	0.60	5.19	1.46	0.04	0.03	0.09
L 9+00N 11+00W P	<	92	15	188	27	9	<	8	<	<	<	27	52	88	<	67	73	847	7	41	1	5	0.14	2.08	0.62	5.31	1.52	0.06	0.03	0.09
L 9+50N 11+00W P	<	136	14	201	20	5	<	8	<	<	0.2	27	57	144	<	66	76	801	8	45	1	5	0.14	2.16	0.70	5.31	1.51	0.08	0.03	0.08
L10+00N 11+00W P	<	120	13	209	18	<	<	7	<	<	<	26	59	126	<	59	65	810	8	41	1	5	0.13	1.86	0.64	4.85	1.38	0.05	0.02	0.09
L 0+00 12+00W P	<	157	14	95	9	7	<	3	<	<	<	38	204	108	<	155	97	842	6	43	3	6	0.23	2.37	1.31	4.98	2.90	0.13	0.04	0.07
L 0+50N 12+00W P	<	147	14	100	13	7	<	3	<	<	<	39	240	162	<	146	91	993	7	54	2	5	0.15	2.42	1.75	4.98	2.81	0.14	0.04	0.07
L 1+00N 12+00W P	<	199	15	111	11	6	<	3	<	<	<	35	141	172	<	125	93	892	6	46	2	5	0.14	2.44	1.35	5.03	2.51	0.16	0.04	0.07
L 1+50N 12+00W P	<	553	15	144	8	6	<	4	<	<	<	37	95	140	<	120	110	1356	5	34	1	5	0.21	2.69	1.19	5.84	2.54	0.12	0.04	0.11
L 2+00N 12+00W P	<	464	10	115	<	<	<	4	<	<	<	34	74	86	<	108	95	979	3	27	1	5	0.19	2.45	0.90	5.06	2.21	0.10	0.03	0.09
L 2+50N 12+00W P	<	404	14	119	8	5	<	3	<	<	<	38	94	118	<	128	112	1106	4	31	1	5	0.26	2.74	1.07	5.67	2.57	0.09	0.03	0.09
L 3+00N 12+00W P	<	339	10	105	9	<	<	4	<	<	<	34	82	94	<	112	97	984	3	28	1	4	0.24	2.38	1.02	5.00	2.28	0.10	0.03	0.08
L 3+50N 12+00W P	<	226	10	137	10	<	<	5	<	<	<	31	59	135	<	84	95	891	5	35	1	4	0.18	2.19	0.90	4.88	1.58	0.18	0.03	0.07
L 4+00N 12+00W P	<	246	19	204	14	<	<	5	<	<	0.4	31	65	98	<	89	118	544	9	32	3	7	0.18	3.05	0.70	5.52	1.49	0.08	0.04	0.04
L 4+50N 12+00W P	<	260	15	108	9	<	<	5	<	3	<	36	85	85	<	128	110	1166	4	41	2	6	0.27	2.75	1.18	5.52	2.47	0.09	0.03	0.05
L 5+00N 12+00W P	<	380	21	134	10	7	<	5	<	<	<	40	90	126	<	138	130	1061	6	40	2	6	0.20	3.49	0.94	6.72	2.49	0.09	0.04	0.06
L 5+50N 12+00W P	<	297	13	111	<	5	<	3	<	<	<	37	88	78	<	123	105	1001	4	31	2	5	0.28	2.57	1.07	5.41	2.51	0.09	0.03	0.07
L 6+00N 12+00W P	<	190	11	97	<	<	<	2	<	<	<	29	71	94	<	98	87	777	5	39	2	5	0.21	2.25	1.25	4.39	1.97	0.07	0.03	0.07
L 6+50N 12+00W P	<	189	11	123	13	6	<	3	<	<	<	32	91	150	<	117	92	896	5	55	2	5	0.14	2.62	1.48	5.04	2.30	0.07	0.03	0.09
L 7+00N 12+00W P	<	173	12	92	7	6	<	2	<	<	<	24	65	91	<	80	75	610	5	51	2	4	0.15	1.91	1.40	3.95	1.66	0.06	0.03	0.08
L 7+50N 12+00W P	<	177	13	175	18	5	<	7	<	<	<	18	53	83	<	60	64	527	7	34	1	5	0.12	1.77	0.64	4.26	1.35	0.05	0.02	0.07
L 8+00N 12+00W P	<	133	12	203	22	<	<	9	<	<	<	24	57	89	<	60	61	666	8	39	1	4	0.11	1.75	0.58	4.83	1.34	0.04	0.02	0.09
L 8+50N 12+00W P	<	100	13	185	19	<	<	7	<	<	<	25	50	92	<	58	63	821	7	39	1	4	0.11	1.76	0.69	4.83	1.30	0.05	0.02	0.09
L 9+00N 12+00W P	<	146	16	163	18	5	<	6	<	<	0.1	18	51	76	<	57	59	587	7	39	1	4	0.10	1.69	0.69	4.51	1.27	0.06	0.03	0.09
L 9+50N 12+00W P	<	82	12	141	16	<	<	6	<	<	<	20	43	71	<	53	52	720	6	30	1	3	0.11	1.54	0.44	4.18	1.20	0.04	0.02	0.08
L10+00N 12+00W P	<	96	14	164	23	<	<	6	<	<	<	22	49	69	<	52	57	702	5	34	1	4	0.11	1.62	0.52	4.65	1.21	0.04	0.02	0.06
L 0+50N 13+00W P	<	118	17	79	8	<	<	3	<	<	<	28	136	118	<	106	70	750	6	47	1	4	0.09	1.90	1.50	3.94	2.00	0.10	0.03	0.07
L 1+00N 13+00W P	<	264	20	124	6	<	<	3	<	<	<	29	116	136	<	112	83	883	6	33	1	5	0.13	2.19	0.84	4.60	2.08	0.11	0.03	0.09
L 1+50N 13+00W P	<	470	21	120	8	<	<	3	<	<	<	32	108	129	<	117	91	894	5	26	1	4	0.18	2.38	0.72	4.96	2.34	0.12	0.03	0.09
L 2+00N 13+00W P	<	362	14	93	5	<	<	3	<	3	<	32	75	73	<	100	89	845	2	21	2	4	0.22	2.22	0.80	4.82	2.27	0.11	0.03	0.08
L 2+50N 13+00W P	<	103	15	75	6	<	<	3	<	2	<	21	43	85	<	59	80	536	4	26	1	3	0.15	1.42	0.57	3.71	1.12	0.08	0.03	0.06
L 3+00N 13+00W P	<	546	22	142	5	5	<	4	<	2	<	42	94	123	<	138	111	1159	4	29	2	5	0.18	3.13	0.91	6.50	2.97	0.16	0.03	0.08
L 3+50N 13+00W P	<	274	10	103	6	<	<	4	<	<	<	36	79	84	<	110	102	968	2	25	1	4	0.23	2.51	0.82	5.48	2.44	0.10	0.03	0.07
L 4+00N 13+00W P	<	228	22	117	10	<	<	4	<	<	<	33	73	97	<	104	110	782	4	26	2	4	0.21	2.59	0.66	5.55	1.98	0.09	0.03	0.04
L 4+50N 13+00W P	<	386	21	121	<	<	<	5	<	<	<	39	105	121	<	138	103	960	3	28	2	5	0.15	3.01	0.94	5.92	2.85	0.11	0.03	0.07
L 5+00N 13+00W P	<	203	14	100	6	<	<	4	<	3	<	33	84	111	<	113	96	742	4	28	2	5	0.19	2.52	0.85	4.67	2.25	0.07	0.03	0.06
L 8+50N 13+00W P	<	130	16	209	16	<	<	8	<	<	<	24	58	78	<	63	63	809	6	35	1	4	0.12	1.80	0.55	4.83	1.43	0.04	0.03	0.08
L 9+00N 13+00W P	<	122	18	182	28	5	<	8	<	<	<	25	60	181	<	70	68	874	7	38	1	4	0.10	1.88	0.57	5.28	1.43	0.04	0.02	0.09
L 9+50N 13+00W P	<	107	14	224	19	7	<	7	<	<	1.0	23	57	104	<	65	62	904	7	38	1	4	0.10	1.91	0.62	4.81	1.48	0.04	0.02	0.08
L10+00N 13+00W P	<	59	14	169	17	5	<	6	<	3	<	19	40	48	<	49	54	643	4	28	1	3	0.11	1.52	0.44	4.15	1.21	0.04	0.02	0.08
Min Limit	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*	99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

---=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate

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Client: Northern Analytical Laboratories   iPL: 93J1401   Out: Oct 20, 1993   Section 1 of 1
Project: WO 00325   682 Soil Pulp   In: Oct 14, 1993   Certified BC Assayer: David Chiu

Sample Name	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
L 0+00 13+00W P	<	93	14	84	7	<	<	4	<	2	<	30	139	107	<	110	74	864	4	40	1	4	0.12	1.96	1.26	3.96	2.09	0.07	0.03	0.06
L 5+50S 13+00W P	<	129	20	80	7	5	<	4	<	<	<	31	87	62	<	101	90	587	3	25	2	5	0.28	2.04	0.77	4.16	2.01	0.05	0.03	0.07
L 6+00S 13+00W P	<	114	14	91	<	<	<	3	<	2	<	25	64	77	<	85	89	779	3	33	2	5	0.27	1.99	0.97	3.82	1.72	0.07	0.03	0.05
L 6+50S 13+00W P	<	145	14	85	<	<	<	2	<	2	<	26	71	104	<	92	90	537	5	36	2	6	0.24	2.09	1.05	3.78	1.75	0.07	0.03	0.07
L 7+00S 13+00W P	<	154	16	93	<	<	<	2	<	<	<	25	79	137	<	89	93	700	5	39	2	6	0.24	2.23	1.05	3.81	1.76	0.07	0.03	0.07
L 7+50S 13+00W P	<	274	12	94	9	<	<	3	<	2	<	28	110	127	<	86	88	847	7	42	2	6	0.23	2.14	1.18	3.94	1.68	0.08	0.03	0.08
L 8+00NS13+00W P	<	80	13	207	15	<	<	6	<	<	0.6	23	48	60	<	57	61	751	5	37	1	4	0.13	1.68	0.58	4.31	1.29	0.05	0.03	0.08
L 0+00 14+00W P	<	93	13	77	7	6	<	3	<	<	<	32	121	89	<	127	92	736	4	36	1	5	0.22	2.20	1.08	4.41	2.34	0.09	0.03	0.05
L 0+50N 14+00W P	<	68	14	74	<	<	<	3	<	<	<	30	102	72	<	117	81	756	4	31	2	5	0.19	1.93	0.80	3.94	2.13	0.07	0.03	0.04
L 1+00N 14+00W P	<	106	15	105	7	5	<	3	<	<	<	32	122	110	<	116	76	924	6	38	1	4	0.10	2.04	1.04	4.02	2.09	0.09	0.04	0.06
L 1+50N 14+00W P	<	122	10	86	<	<	<	3	<	<	<	28	123	117	<	103	71	809	5	43	2	4	0.13	1.88	1.32	3.58	1.94	0.08	0.03	0.07
L 2+00N 14+00W P	<	542	15	95	5	<	<	4	<	<	<	40	78	136	<	109	111	1120	3	27	2	6	0.27	2.42	0.86	5.52	2.18	0.14	0.03	0.06
L 2+50N 14+00W P	<	116	11	112	9	<	<	3	<	<	<	23	59	80	<	79	90	580	5	31	2	4	0.20	1.83	0.55	4.27	1.45	0.09	0.03	0.06
L 3+00N 14+00W P	<	111	14	116	13	<	<	4	<	<	<	27	54	127	<	82	95	680	5	38	1	4	0.20	2.04	0.75	4.72	1.42	0.11	0.03	0.07
L 3+50N 14+00W P	<	150	14	130	6	<	<	4	<	<	<	27	55	138	<	69	83	851	6	47	1	4	0.12	2.13	0.90	4.48	1.35	0.08	0.04	0.12
L 4+00N 14+00W P	<	337	18	114	7	<	<	5	<	<	<	43	94	118	<	141	115	1167	3	36	1	6	0.20	3.13	1.07	5.90	2.82	0.10	0.03	0.07
L 4+50N 14+00W P	<	662	16	128	5	<	<	5	<	<	<	47	113	187	<	163	132	1261	4	37	2	7	0.20	3.76	1.06	7.01	3.16	0.11	0.03	0.07
L 5+00N 14+00W P	<	187	10	86	<	<	<	2	<	<	<	28	66	101	<	99	94	671	4	36	2	5	0.23	2.18	1.07	4.25	1.96	0.07	0.03	0.05
L 5+50N 14+00W P	<	127	10	76	6	<	<	3	<	2	<	27	81	51	<	93	87	595	3	25	2	5	0.27	1.92	0.78	4.04	1.89	0.06	0.02	0.08
L 6+00N 14+00W P	<	186	11	89	6	<	<	3	<	<	0.1	21	83	123	<	74	64	586	3	43	1	3	0.09	1.69	1.58	3.39	1.49	0.06	0.03	0.08
L 6+50N 14+00W P	<	265	7	72	<	<	<	2	<	<	0.1	14	80	132	<	51	45	401	6	55	2	3	0.07	1.30	2.29	2.55	1.10	0.05	0.03	0.08
L 7+00N 14+00W P	<	151	12	80	<	<	<	3	<	<	<	22	74	149	<	86	77	541	3	38	1	4	0.17	1.93	1.34	3.60	1.72	0.06	0.03	0.08
L 7+50N 14+00W P	<	164	10	96	5	<	<	3	<	<	0.1	24	91	110	<	88	77	638	4	48	2	4	0.20	1.76	1.78	3.56	1.68	0.07	0.03	0.07
L 8+00N 14+00W P	<	220	15	105	<	<	<	3	<	<	<	29	110	174	<	95	84	762	5	48	1	5	0.16	2.19	1.45	4.15	1.81	0.07	0.04	0.09
L 8+50N 14+00W P	<	96	16	158	17	<	<	7	<	<	<	20	53	49	<	67	66	682	5	35	1	5	0.16	1.87	0.65	4.65	1.49	0.04	0.03	0.07
L 9+00N 14+00W P	<	90	10	167	13	<	<	6	<	<	<	18	47	116	<	60	65	600	5	40	1	4	0.14	1.89	0.66	4.27	1.40	0.03	0.03	0.08
L 9+50N 14+00W P	<	91	13	150	13	5	<	6	<	<	<	20	52	128	<	62	58	753	5	40	1	4	0.11	1.79	0.70	4.20	1.34	0.04	0.02	0.08
L10+00N 14+00W P	<	55	11	168	15	<	<	6	<	<	<	16	40	46	<	51	51	561	3	29	1	3	0.12	1.58	0.45	4.04	1.26	0.03	0.02	0.07
L 0+00 15+00W P	<	74	14	101	<	<	<	3	<	<	<	28	89	90	<	113	85	537	4	27	1	5	0.14	2.10	0.68	4.09	2.09	0.07	0.03	0.07
L 0+50N 15+00W P	<	138	15	91	<	<	<	3	<	<	<	36	185	91	<	145	91	731	5	28	2	6	0.17	2.34	0.79	4.61	2.68	0.13	0.03	0.07
L 1+00N 15+00W P	<	92	18	75	<	<	<	2	<	<	<	31	137	113	<	111	71	929	5	40	1	4	0.11	1.87	1.22	3.71	2.03	0.08	0.03	0.06
L 1+50N 15+00W P	<	117	13	85	<	<	<	2	<	<	<	29	128	123	<	109	74	708	5	37	1	5	0.12	1.99	1.06	3.74	2.03	0.08	0.03	0.07
L 2+00N 15+00W P	<	129	15	90	<	<	<	3	<	<	<	27	125	127	<	102	75	719	5	41	1	4	0.13	1.96	1.29	3.67	1.95	0.07	0.03	0.07
L 2+50N 15+00W P	<	157	13	96	5	<	<	3	<	<	<	31	133	164	<	115	79	877	6	45	2	5	0.12	2.24	1.39	3.93	2.16	0.08	0.03	0.08
L 3+00N 15+00W P	<	147	17	105	<	<	<	4	<	<	<	33	129	171	<	124	89	921	6	48	1	6	0.14	2.46	1.37	4.27	2.33	0.08	0.04	0.09
L 3+50N 15+00W P	<	142	16	96	<	<	<	3	<	<	<	30	117	158	<	115	83	850	5	43	1	5	0.14	2.26	1.22	3.91	2.16	0.07	0.03	0.08
L 4+00N 15+00W P	<	161	14	104	<	<	<	3	<	<	<	33	105	114	<	114	88	853	4	34	1	5	0.18	2.30	1.09	4.34	2.25	0.08	0.03	0.07
L 4+50N 15+00W P	<	169	11	101	5	<	<	3	<	3	<	29	93	92	<	98	83	803	3	33	1	4	0.18	2.01	1.15	4.08	1.96	0.08	0.03	0.07
L 5+00N 15+00W P	<	201	13	115	<	<	<	3	<	<	0.1	34	119	173	<	117	79	1359	3	39	1	5	0.10	2.32	1.16	4.00	2.08	0.05	0.03	0.08
Min Limit	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*	99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

--=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate

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Client: Northern Analytical Laboratories   iPL: 93J1401   Out: Oct 20, 1993   Section 1 of 1
Project: WO 00325   682 Soil Pulp   In: Oct 14, 1993   Certified BC Assayer: David Chiu

Sample Name	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
L 5+50N 15+00W P	<	178	9	86	6	<	<	3	<	<	<	22	87	140	<	77	57	694	3	56	1	3	0.06	1.65	1.96	3.01	1.42	0.05	0.03	0.11
L 6+00N 15+00W P	<	121	18	68	<	<	<	2	<	<	<	30	115	65	<	107	97	717	4	31	3	6	0.34	1.99	0.94	4.04	2.04	0.08	0.03	0.04
L 6+50N 15+00W P	<	174	13	77	5	<	<	3	<	<	<	19	92	128	<	69	67	660	5	56	2	4	0.14	1.64	1.91	3.08	1.33	0.05	0.03	0.08
L 7+00N 15+00W P	<	177	15	86	<	<	<	3	<	<	<	24	95	136	<	79	71	697	4	56	2	4	0.13	1.81	2.02	3.54	1.59	0.08	0.04	0.07
L 7+50N 15+00W P	<	167	12	107	7	<	<	3	<	<	0.3	25	99	136	<	85	75	715	5	49	1	5	0.17	1.83	1.56	3.60	1.66	0.09	0.04	0.08
L 8+00N 15+00W P	<	126	13	79	<	<	<	3	<	<	<	26	85	118	<	91	75	649	5	34	1	5	0.15	1.86	0.95	3.70	1.69	0.06	0.03	0.07
L 8+50N 15+00W P	<	122	8	69	5	<	<	2	<	3	1.6	15	51	115	<	33	43	458	4	54	1	1	0.05	0.93	1.89	2.04	0.63	0.04	0.03	0.09
L 9+00N 15+00W P	<	268	9	117	<	<	<	3	<	2	0.6	21	85	96	<	78	61	514	4	43	2	4	0.13	1.57	1.49	3.27	1.56	0.07	0.03	0.08
L 9+50N 15+00W P	<	75	11	145	17	<	<	7	<	<	1.0	17	39	91	<	49	58	532	5	27	1	4	0.11	1.65	0.39	4.00	1.13	0.03	0.02	0.06
L10+00N 15+00W P	<	95	15	155	17	<	<	7	<	<	<	18	42	82	<	45	49	521	8	31	1	4	0.09	1.42	0.43	3.92	1.06	0.04	0.02	0.07
L 5+50N 5+50W P	<	272	19	187	15	<	<	5	<	<	0.3	21	45	107	<	48	52	703	5	32	1	3	0.11	1.46	0.56	4.28	1.15	0.06	0.02	0.09
L 6+00N 5+50W P	<	111	14	157	14	5	<	6	<	<	<	19	40	48	<	47	58	570	4	30	1	4	0.12	1.62	0.38	4.23	1.13	0.03	0.02	0.07
L 6+50N 5+50W P	<	111	24	253	19	5	<	8	<	<	1.0	26	57	85	<	51	57	854	7	43	2	4	0.14	1.66	0.64	4.78	1.24	0.05	0.03	0.09
L 7+00N 5+50W P	<	74	14	136	20	<	<	8	<	<	<	21	37	92	<	50	59	748	7	27	1	4	0.11	1.64	0.39	4.38	1.16	0.03	0.02	0.07
L 7+50N 5+50W P	<	95	11	143	19	6	<	7	<	<	<	18	41	102	<	50	62	696	7	32	1	4	0.12	1.66	0.55	4.25	1.19	0.04	0.03	0.08
L 8+00N 5+50W P	<	58	16	210	14	<	<	6	<	<	0.4	17	41	73	<	52	79	406	5	29	1	3	0.09	1.88	0.51	4.55	1.00	0.09	0.02	0.04
L 8+50N 5+50W P	<	67	14	181	21	<	<	7	<	<	0.6	17	40	53	<	49	57	552	4	31	1	3	0.11	1.48	0.49	4.08	1.11	0.04	0.02	0.07
L 9+00N 5+50W P	<	74	13	157	17	<	<	6	<	<	0.3	18	40	75	<	51	57	565	4	32	1	3	0.10	1.51	0.52	4.05	1.16	0.04	0.02	0.08
L 9+50N 5+50W P	<	125	16	220	14	<	<	6	<	<	3.1	21	51	140	<	45	47	820	6	39	1	3	0.06	1.34	0.80	3.68	1.08	0.05	0.02	0.09
L10+00N 5+50W P	<	87	14	178	15	<	<	7	<	<	0.5	22	47	80	<	53	52	723	5	36	1	4	0.08	1.51	0.52	4.04	1.16	0.05	0.02	0.07
L 0+50N 5+00E P	<	193	15	102	13	<	<	4	<	<	<	22	60	147	<	70	68	664	4	48	1	4	0.11	1.75	1.23	3.62	1.41	0.05	0.03	0.07
L 1+00N 5+00E P	<	174	24	93	19	<	<	5	<	<	0.1	26	45	169	<	68	74	864	6	38	1	4	0.08	1.84	0.86	3.94	1.39	0.06	0.03	0.09
L 1+50N 5+00E P	<	120	11	90	16	<	<	4	<	<	<	21	36	297	<	66	72	633	6	39	1	3	0.05	1.98	0.76	3.51	1.24	0.03	0.03	0.12
L 2+00N 5+00E P	<	195	11	130	15	<	<	4	<	<	0.3	24	49	150	<	69	77	810	4	37	1	4	0.12	1.74	1.06	3.80	1.43	0.04	0.03	0.08
L 2+50N 5+00E P	<	236	12	125	17	<	<	4	<	2	0.2	27	55	91	<	78	85	814	4	29	1	4	0.14	1.90	0.83	4.30	1.65	0.08	0.03	0.08
L 3+00N 5+00E P	<	183	13	131	13	<	<	4	<	<	0.8	35	48	153	<	68	79	1735	4	37	1	4	0.10	1.77	1.01	3.84	1.42	0.05	0.02	0.10
L 3+50N 5+00E P	<	251	10	121	14	<	<	3	<	3	0.2	20	47	142	<	64	77	616	5	41	1	4	0.13	1.67	1.17	3.59	1.33	0.05	0.02	0.06
L 4+00N 5+00E P	<	199	19	139	5	<	<	3	<	<	0.7	20	45	169	<	62	65	660	4	53	1	3	0.07	1.62	1.58	3.25	1.28	0.06	0.03	0.06
L 4+75N 5+00E P	<	172	12	89	10	<	<	3	<	3	0.1	19	45	148	<	70	78	525	4	39	1	4	0.15	1.83	1.17	3.75	1.47	0.04	0.03	0.05
L 5+00N 5+00E P	<	317	118	94	19	<	<	4	<	<	0.5	19	44	182	<	50	59	800	7	68	1	3	0.05	1.43	2.07	3.26	0.94	0.04	0.03	0.09
L 0+00 5+00E P	<	181	9	86	6	<	<	3	<	2	<	24	54	64	<	87	82	609	4	28	2	5	0.24	1.72	0.85	3.73	1.54	0.05	0.02	0.08
L 0+50S 5+00E P	<	99	11	121	11	<	<	4	<	<	0.5	25	85	100	<	81	66	676	5	55	2	5	0.13	1.67	1.52	3.73	1.70	0.08	0.03	0.08
L 1+00S 5+00E P	<	69	21	128	17	<	<	4	<	<	<	21	55	120	<	67	71	663	4	44	1	4	0.12	1.93	1.02	4.03	1.57	0.09	0.03	0.05
L 1+50S 5+00E P	<	139	14	144	15	<	<	3	<	<	<	25	75	107	<	79	71	634	6	44	1	5	0.11	1.83	1.16	4.07	1.68	0.09	0.03	0.08
L 2+00S 5+00E P	<	66	7	101	8	<	<	3	<	<	0.5	17	51	69	<	58	53	593	5	78	3	4	0.11	1.32	2.48	3.12	1.35	0.05	0.03	0.08
L 2+50S 5+00E P	<	255	12	99	25	<	<	4	<	<	<	22	45	143	<	66	72	706	6	51	1	3	0.04	1.95	1.44	4.13	1.53	0.07	0.02	0.10
L 3+00S 5+00E P	<	216	11	101	29	<	<	4	<	<	0.2	18	42	116	<	54	66	573	5	45	1	3	0.06	1.60	1.32	3.68	1.30	0.06	0.03	0.08
L 3+50S 5+00E P	<	192	11	138	32	<	<	6	<	<	0.2	34	52	215	<	65	80	1072	7	37	1	3	0.04	1.98	0.78	4.56	1.53	0.07	0.03	0.10
L 4+00S 5+00E P	<	263	11	122	25	<	<	6	<	<	<	41	60	105	<	55	105	1052	6	23	1	5	0.14	2.10	1.22	4.79	1.80	0.07	0.03	0.08
Min Limit	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*	99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

---=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate

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Client: Northern Analytical Laboratories iPL: 93J1401 Out: Oct 20, 1993 Section 1 of 1
Project: W0 00325 682 Soil Pulp In: Oct 14, 1993 Certified BC Assayer: David Chiu

Sample Name		Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
L 4+50S 5+00E	P	<	178	14	193	58	6	4	6	<	<	0.8	27	65	294	<	56	71	934	13	92	1	4	0.03	1.74	1.90	4.19	1.37	0.07	0.03	0.11
L 5+00S 5+00E	P	<	111	14	146	169	7	<	5	<	<	0.1	26	52	230	<	31	54	962	20	95	1	5	0.01	1.76	1.76	4.26	1.18	0.10	0.03	0.12
L 5+50S 5+00E	P	<	155	18	176	164	6	<	7	<	<	0.4	32	57	266	<	31	56	1251	20	79	1	6	0.01	1.76	1.23	4.15	1.16	0.09	0.03	0.11
L 6+00S 5+00E	P	<	483	17	124	28	5	<	5	<	<	<	56	76	239	<	58	148	1101	7	30	2	12	0.12	3.06	0.70	7.08	2.56	0.06	0.03	0.06
L 6+50S 5+00E	P	<	112	13	155	25	7	<	6	<	<	<	20	44	144	<	51	79	904	11	29	<	5	0.07	2.19	0.25	4.63	1.37	0.06	0.03	0.04
L 7+00S 5+00E	P	1.7	130	22	388	97	21	<	52	<	<	<	7	44	189	<	20	82	238	33	133	1	3	<	0.91	0.15	7.65	0.57	0.16	0.09	0.17
L 7+50S 5+00E	P	<	113	18	272	24	7	<	13	<	<	1.1	21	66	242	<	55	61	1027	14	38	2	4	0.03	1.63	0.32	4.42	1.31	0.08	0.03	0.08
L 8+00S 5+00E	P	1.0	162	23	250	30	9	<	16	<	<	0.7	23	94	380	<	126	89	964	18	51	2	6	0.02	2.18	0.34	6.32	2.08	0.13	0.03	0.07
L 8+50S 5+00E	P	1.2	75	20	140	37	12	<	22	<	<	0.1	6	31	167	<	20	38	299	11	77	3	2	0.01	0.84	0.16	4.66	0.72	0.07	0.03	0.09
L 9+00S 5+00E	P	0.3	109	13	260	26	9	<	11	<	<	1.1	20	60	197	<	54	56	898	13	30	1	4	0.04	1.55	0.36	4.18	1.32	0.06	0.04	0.09
L 9+50S 5+00E	P	<	117	11	290	32	10	<	12	<	<	<	17	60	140	<	50	52	509	13	27	1	5	0.05	1.45	0.19	4.65	1.11	0.04	0.03	0.07
L10+00S 5+00E	P	<	189	21	819	30	9	<	11	<	<	4.3	95	140	134	<	48	73	1955	20	45	2	8	0.16	2.25	0.57	6.81	1.29	0.09	0.03	0.09
L 0+50N 4+00E	P	<	736	22	156	23	11	<	4	<	<	<	50	93	100	<	159	147	1250	5	36	2	10	0.40	3.03	1.12	6.56	2.61	0.07	0.03	0.10
L 1+00N 4+00E	P	<	557	11	139	16	9	<	4	<	<	<	36	65	102	<	104	110	935	4	36	2	7	0.25	2.33	1.01	5.47	2.06	0.06	0.03	0.09
L 1+50N 4+00E	P	<	173	15	77	18	6	<	5	<	<	<	9	31	199	<	44	46	250	7	67	2	3	0.04	1.31	1.74	3.09	0.87	0.03	0.04	0.12
L 2+00N 4+00E	P	<	239	8	138	18	<	<	6	<	<	0.3	37	42	219	<	57	64	1328	7	45	1	3	0.02	1.74	0.98	3.94	1.06	0.04	0.04	0.23
L 2+50N 4+00E	P	<	315	12	93	15	<	<	5	<	<	0.3	26	49	198	<	38	66	671	7	39	1	2	0.06	1.30	0.78	3.58	0.72	0.03	0.03	0.08
L 3+00N 4+00E	P	<	183	16	168	39	7	<	9	<	<	<	39	50	242	<	73	85	3060	5	49	1	3	0.05	1.98	1.09	5.58	1.35	0.03	0.03	0.12
L 3+50N 4+00E	P	<	195	10	138	15	9	<	4	<	<	<	27	63	108	<	80	85	837	4	39	2	5	0.18	1.99	1.00	4.46	1.79	0.08	0.03	0.08
L 4+00N 4+00E	P	<	100	14	129	11	9	4	4	<	<	<	22	48	109	<	83	85	626	4	46	2	4	0.19	2.02	1.21	4.03	1.70	0.07	0.04	0.09
L 4+50N 4+00E	P	<	181	12	128	9	9	<	3	<	<	<	28	57	110	<	79	103	737	4	40	2	5	0.30	2.18	1.13	4.31	1.77	0.06	0.03	0.07
L 5+00N 4+00E	P	<	207	13	154	17	6	<	4	<	<	<	29	61	108	<	89	113	827	4	45	2	5	0.31	2.25	1.27	4.87	1.92	0.07	0.04	0.08
L 0+00 4+00E	P	<	147	22	165	22	7	<	5	<	<	<	28	78	115	<	78	85	806	8	49	3	6	0.21	2.22	1.05	4.96	1.94	0.10	0.04	0.09
L 0+50S 4+00E	P	<	160	20	171	22	6	<	4	<	<	<	30	81	111	<	76	84	895	9	45	4	6	0.20	2.31	0.98	5.17	1.99	0.09	0.03	0.09
L 1+00S 4+00E	P	<	236	15	141	17	6	<	3	<	<	<	26	129	153	<	84	72	723	7	63	2	5	0.10	2.00	1.68	4.42	1.79	0.10	0.03	0.08
L 1+50S 4+00E	P	<	142	11	124	17	7	<	4	<	<	0.2	20	48	122	<	62	71	593	5	42	1	4	0.12	1.83	1.19	3.87	1.47	0.06	0.03	0.07
L 2+00S 4+00E	P	<	202	13	142	22	9	<	5	<	<	<	25	64	147	<	75	85	833	8	46	1	5	0.12	2.19	1.14	4.90	1.74	0.08	0.04	0.07
L 2+50S 4+00E	P	<	188	12	132	17	7	<	3	<	<	<	23	51	134	<	67	76	716	5	42	1	4	0.09	2.02	1.31	4.36	1.63	0.08	0.03	0.07
L 3+00S 4+00E	P	<	277	14	128	21	5	<	4	<	<	<	25	57	175	<	75	88	807	7	41	2	5	0.10	2.30	1.08	4.86	1.77	0.08	0.03	0.07
L 3+50S 4+00E	P	<	268	11	136	25	8	<	4	<	<	<	21	46	166	<	61	75	696	8	54	1	4	0.09	2.01	1.43	4.36	1.44	0.08	0.03	0.09
L 4+00S 4+00E	P	<	179	15	156	30	8	<	6	<	<	<	31	57	183	<	69	103	921	9	45	1	6	0.13	2.70	0.69	5.48	1.56	0.08	0.03	0.06
L 4+50S 4+00E	P	<	168	13	161	50	5	<	5	<	<	<	34	56	282	<	69	100	1194	10	52	1	5	0.11	2.32	0.96	5.11	1.80	0.10	0.03	0.09
L 5+00S 4+00E	P	<	157	21	238	118	9	<	8	<	<	<	27	57	238	<	33	73	864	17	83	1	10	0.02	1.94	0.64	5.59	1.32	0.09	0.03	0.06
L 5+50S 4+00E	P	<	206	25	200	204	9	<	8	<	<	<	33	63	334	<	39	79	1387	26	61	1	8	0.02	2.68	0.88	5.58	1.65	0.08	0.03	0.08
L 6+00S 4+00E	P	<	59	9	90	13	<	<	3	<	<	0.1	16	29	79	<	28	58	775	11	197	1	5	<	1.02	7.58	4.11	1.54	0.10	0.05	0.09
L 6+50S 4+00E	P	<	279	20	140	5	<	<	6	<	<	<	59	62	183	<	44	189	1472	9	36	1	21	0.09	4.13	0.85	7.64	3.66	0.06	0.03	0.06
L 7+00S 4+00E	P	<	110	18	226	31	<	<	7	<	<	0.5	27	51	394	<	29	52	1168	17	27	1	6	0.01	1.80	0.42	4.76	0.97	0.06	0.03	0.10
L 7+50S 4+00E	P	<	139	16	212	19	<	<	11	<	<	<	8	39	247	<	13	61	506	17	36	1	25	<	1.24	0.15	6.84	0.52	0.05	0.03	0.11
L 8+00S 4+00E	P	<	138	16	172	21	8	<	4	<	<	<	27	64	199	<	65	85	879	10	27	2	8	0.15	2.30	0.59	5.00	1.64	0.04	0.02	0.03
Min Limit		0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*		99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

--=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate

[redacted]

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Client: Northern Analytical Laboratories iPL: 93J1401 Out: Oct 20, 1993 Section 1 of 1
Project: WO 00325 682 Soil Pulp In: Oct 14, 1993 Certified BC Assayer: David Chiu

Sample Name	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
L 8+50S 4+00E P	1.1	110	19	322	40	10	<	10	<	<	0.3	27	59	164	<	46	66	1038	11	16	1	3	0.06	1.81	0.20	5.58	1.25	0.04	0.03	0.06
L 9+00S 4+00E P	<	98	19	252	36	11	<	12	<	<	0.5	15	57	308	<	49	58	665	11	34	1	4	0.03	1.60	0.36	4.70	1.20	0.06	0.03	0.10
L 9+50S 4+00E P	3.8	83	63	458	256	48	<	50	<	<	0.5	6	77	289	<	7	45	324	12	84	3	3	<	0.38	0.17	7.49	0.06	0.10	0.07	0.13
L10+00S 4+00E P	<	211	13	1138	48	8	<	13	<	<	15.2	74	164	141	<	45	126	1818	9	116	7	12	<	2.02	0.53	7.68	1.59	0.08	0.02	0.05
L 0+50N 3+00E P	<	269	18	149	14	8	<	4	<	<	<	29	92	101	<	96	86	782	6	44	3	6	0.17	2.14	1.20	4.61	1.98	0.09	0.04	0.10
L 1+00N 3+00E P	<	251	29	152	14	<	<	3	<	2	<	25	55	116	<	80	81	638	4	44	2	5	0.16	1.93	1.14	4.27	1.65	0.06	0.03	0.08
L 1+50N 3+00E P	<	121	11	121	14	5	<	4	<	<	0.1	24	43	213	<	47	57	620	6	46	1	3	0.05	1.55	1.04	3.47	0.93	0.07	0.03	0.09
L 2+00N 3+00E P	<	92	16	144	12	6	<	4	<	<	0.3	22	68	122	<	66	64	935	5	36	1	4	0.10	1.85	0.74	3.74	1.44	0.06	0.03	0.09
L 2+50N 3+00E P	<	192	19	197	13	<	<	4	<	<	0.1	26	66	187	<	70	70	960	7	53	1	5	0.07	2.07	1.17	4.03	1.47	0.09	0.03	0.10
L 3+00N 3+00E P	<	112	17	162	14	5	<	3	<	<	0.2	21	44	211	<	66	74	713	6	48	1	4	0.09	2.07	1.04	3.87	1.45	0.08	0.03	0.10
L 3+50N 3+00E P	<	134	26	184	18	<	<	6	<	<	<	25	48	174	<	68	73	1076	5	53	1	4	0.07	1.96	1.19	4.57	1.39	0.07	0.03	0.12
L 4+00N 3+00E P	<	282	13	145	16	6	<	5	<	<	<	34	66	228	<	73	79	1512	7	60	1	5	0.10	2.18	1.36	4.52	1.51	0.06	0.04	0.08
L 4+50N 3+00E P	<	254	11	159	9	7	<	2	<	2	0.3	23	56	176	<	74	80	695	6	50	2	5	0.15	2.12	1.23	4.08	1.63	0.07	0.03	0.09
L 5+00N 3+00E P	<	152	16	100	10	6	<	4	<	<	0.5	8	39	197	<	29	34	289	4	95	1	2	0.04	0.89	2.45	1.98	0.53	0.03	0.04	0.07
L 0+00 3+00E P	<	163	16	132	20	7	<	4	<	<	<	26	52	254	<	53	66	887	9	53	1	4	0.07	2.02	0.87	4.10	1.17	0.07	0.03	0.08
L 0+50S 3+00E P	<	117	17	128	15	5	<	2	<	<	0.2	25	55	157	<	52	64	798	7	66	1	3	0.10	1.90	1.50	3.87	1.31	0.07	0.03	0.08
L 1+00S 3+00E P	<	167	15	136	18	7	<	4	<	<	<	25	57	266	<	55	71	857	10	61	1	4	0.07	2.14	1.02	4.37	1.26	0.07	0.03	0.09
L 1+50S 3+00E P	<	193	11	117	12	6	<	3	<	<	<	18	64	167	<	64	70	596	8	56	1	4	0.08	2.07	1.37	4.16	1.51	0.08	0.03	0.07
L 2+00S 3+00E P	<	150	13	127	17	9	<	4	<	<	<	25	71	141	<	76	80	806	8	41	2	5	0.12	2.15	0.93	4.64	1.71	0.08	0.03	0.05
L 2+50S 3+00E P	<	164	14	119	17	5	<	4	<	<	0.6	14	52	123	<	37	44	451	5	69	2	2	0.05	1.18	2.19	2.78	0.89	0.06	0.03	0.09
L 3+00S 3+00E P	<	164	10	130	18	9	<	3	<	<	<	24	53	165	<	63	85	861	7	40	1	6	0.13	2.08	1.06	4.58	1.57	0.08	0.04	0.06
L 3+50S 3+00E P	<	193	19	159	25	8	<	5	<	<	<	28	60	167	<	78	92	943	9	46	1	5	0.13	2.33	1.01	5.18	1.77	0.09	0.03	0.08
L 4+00S 3+00E P	<	184	13	126	15	<	<	4	<	<	<	26	49	122	<	56	102	711	7	43	2	5	0.23	2.07	1.12	4.68	1.65	0.11	0.03	0.08
L 4+50S 3+00E P	<	147	31	184	46	9	<	6	<	<	<	34	58	270	<	69	94	1211	9	53	1	5	0.10	2.46	0.97	5.40	1.79	0.10	0.03	0.10
L 5+00S 3+00E P	<	144	15	201	48	7	<	6	<	3	<	32	56	298	<	66	96	1138	8	36	1	5	0.08	2.41	0.64	5.47	1.81	0.07	0.03	0.07
L 5+50S 3+00E P	<	182	13	158	58	8	<	4	<	<	<	31	57	289	<	61	83	1167	10	68	1	3	0.05	2.15	1.53	4.83	1.74	0.07	0.03	0.10
L 6+00S 3+00E P	<	247	18	115	21	8	<	4	<	<	<	31	61	135	<	98	111	802	4	36	1	5	0.13	2.64	0.99	5.50	2.77	0.09	0.02	0.05
L 6+50S 3+00E P	<	220	25	119	63	8	<	5	<	<	<	30	63	102	<	91	99	773	5	28	1	5	0.15	2.29	0.67	5.14	2.41	0.08	0.03	0.07
L 7+00S 3+00E P	<	234	15	172	41	7	<	6	<	<	<	31	67	198	<	80	88	996	9	37	1	5	0.09	2.19	0.86	4.90	1.82	0.09	0.03	0.08
L 7+50S 3+00E P	<	100	16	158	34	<	<	6	<	<	1.0	25	49	209	<	45	60	977	9	57	1	3	0.04	1.81	1.03	3.99	1.20	0.08	0.03	0.14
L 8+00S 3+00E P	<	116	15	185	15	6	<	5	<	<	1.0	24	47	208	<	36	53	904	16	75	1	4	0.03	1.59	1.57	3.65	1.05	0.07	0.04	0.12
L 8+50S 3+00E P	<	256	20	142	<	<	<	8	<	<	<	49	65	42	<	45	214	1180	7	74	2	15	0.13	4.06	2.96	7.97	4.47	0.07	0.02	0.21
L 9+00S 3+00E P	<	170	26	215	32	6	<	6	<	<	<	45	67	82	<	11	43	2386	20	33	1	10	0.02	1.94	0.64	5.25	1.07	0.04	0.02	0.11
L 9+50S 3+00E P	<	120	20	215	23	7	<	9	<	<	0.2	27	57	226	<	58	68	1032	11	33	1	4	0.04	1.89	0.28	4.64	1.22	0.05	0.04	0.09
L10+00S 3+00E P	<	106	15	213	19	7	<	8	<	<	0.6	25	55	146	<	54	53	775	9	33	1	3	0.03	1.48	0.52	3.99	1.11	0.07	0.03	0.12
L 0+50N 2+00E P	<	55	14	122	8	6	<	3	<	<	0.5	21	32	87	<	49	58	648	3	33	1	3	0.10	1.27	0.76	3.03	1.05	0.07	0.03	0.06
L 1+00N 2+00E P	<	98	17	131	12	7	<	3	<	<	<	24	84	91	<	85	72	642	5	32	2	5	0.16	2.01	0.67	4.04	1.71	0.08	0.03	0.05
L 1+50N 2+00E P	<	69	14	114	13	6	<	3	<	<	0.1	20	38	144	<	49	58	655	7	47	1	4	0.06	1.83	0.94	3.59	1.23	0.06	0.03	0.07
L 2+00N 2+00E P	<	143	17	110	19	6	<	5	<	<	0.2	27	43	228	<	49	57	1033	9	49	1	3	0.03	1.71	0.95	3.87	1.07	0.05	0.04	0.13
Min Limit	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*	99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

---=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate

CERTIFICATE OF ANALYSIS
iPL 93J1401

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Client: Northern Analytical Laboratories iPL: 93J1401 Out: Oct 20, 1993 Section 1 of 1
Project: WO 00325 682 Soil Pulp In: Oct 14, 1993 Certified BC Assayer: David Chiu

Sample Name	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
L 2+50N 2+00E P	<	65	16	112	9	7	<	4	<	<	0.2	18	39	150	<	56	60	603	5	44	1	3	0.06	1.58	0.86	3.13	1.13	0.06	0.03	0.09
L 3+00N 2+00E P	<	54	11	88	13	<	<	4	<	<	0.9	16	25	122	<	32	70	598	5	35	1	2	0.06	1.00	0.63	3.02	0.56	0.04	0.03	0.07
L 3+50N 2+00E P	<	216	12	154	13	<	<	3	<	<	<	25	59	164	<	73	76	788	5	43	1	4	0.13	1.90	1.14	4.11	1.58	0.10	0.03	0.09
L 4+00N 2+00E P	<	74	12	120	9	5	<	4	<	<	0.1	17	35	130	<	52	74	574	4	42	1	3	0.11	1.54	0.95	3.63	1.11	0.04	0.03	0.08
L 4+50N 2+00E P	<	104	16	130	8	<	<	4	<	<	<	27	49	116	<	72	79	877	4	40	1	4	0.16	1.88	0.92	3.92	1.44	0.07	0.03	0.08
L 5+00N 2+00E P	<	139	14	165	19	6	<	6	<	<	0.1	30	55	209	<	62	72	1613	6	57	1	4	0.09	1.88	1.34	4.60	1.26	0.06	0.03	0.09
L 0+00 2+00E P	<	126	22	147	9	<	<	2	<	<	<	25	58	112	<	56	72	724	6	67	4	6	0.16	2.12	1.51	4.03	1.55	0.10	0.03	0.09
L 0+50S 2+00E P	<	60	14	120	14	6	<	4	<	<	<	20	39	93	<	43	68	630	5	50	2	6	0.16	2.14	1.02	4.12	1.40	0.08	0.02	0.04
L 1+00S 2+00E P	<	108	32	113	17	5	<	5	<	<	0.3	17	38	133	<	39	51	524	6	83	1	2	0.05	1.42	1.95	3.22	0.89	0.06	0.04	0.09
L 1+50S 2+00E P	<	108	21	118	17	6	<	3	<	<	<	26	42	173	<	50	68	839	10	45	1	4	0.08	2.19	0.78	4.22	1.31	0.08	0.02	0.09
L 2+00S 2+00E P	<	116	18	107	11	5	<	4	<	<	<	21	54	156	<	67	77	671	5	38	2	5	0.12	2.12	0.82	4.24	1.57	0.07	0.03	0.05
L 2+50S 2+00E P	<	151	15	130	9	<	<	4	<	<	0.1	19	51	148	<	64	71	648	7	38	1	5	0.10	2.01	0.95	3.73	1.54	0.07	0.03	0.06
L 3+00S 2+00E P	<	116	19	117	17	7	<	3	<	<	0.4	22	48	145	<	47	59	799	7	49	1	3	0.07	1.61	1.40	3.67	1.23	0.07	0.03	0.10
L 3+50S 2+00E P	<	234	12	133	18	7	<	4	<	<	0.7	15	49	170	<	47	52	451	5	67	1	2	0.05	1.40	2.39	3.22	1.11	0.06	0.03	0.10
L 4+00S 2+00E P	<	206	17	144	17	5	<	3	<	<	<	22	45	154	<	59	71	761	8	48	1	4	0.07	1.88	1.31	4.20	1.38	0.07	0.03	0.08
L 4+50S 2+00E P	<	169	17	161	23	<	<	4	<	<	<	21	44	157	<	50	85	679	9	55	1	3	0.08	1.66	1.42	4.40	1.25	0.06	0.04	0.09
L 5+00S 2+00E P	<	188	16	155	19	8	<	4	<	<	<	26	58	171	<	63	77	934	11	38	1	5	0.12	2.14	0.58	4.73	1.49	0.10	0.03	0.06
L 5+50S 2+00E P	<	303	41	144	25	6	<	4	<	3	<	32	67	144	<	80	104	994	7	33	2	6	0.19	2.22	0.88	5.07	1.96	0.10	0.03	0.05
L 6+00S 2+00E P	<	280	25	133	19	7	<	4	<	<	<	38	68	162	<	86	107	979	7	29	2	5	0.20	2.17	0.78	5.09	1.91	0.10	0.03	0.06
L 6+50S 2+00E P	<	213	31	137	22	5	<	5	<	<	<	31	61	166	<	57	81	838	8	47	1	4	0.10	1.91	1.19	4.37	1.38	0.07	0.03	0.09
L 7+00S 2+00E P	<	161	15	165	22	6	<	6	<	<	<	31	62	184	<	82	96	914	8	32	1	6	0.12	2.47	0.58	5.44	1.75	0.07	0.03	0.06
L 7+50S 2+00E P	0.7	147	27	159	24	8	<	5	<	<	0.2	27	56	224	<	65	79	1018	9	45	1	4	0.06	2.06	0.95	4.62	1.61	0.07	0.03	0.09
L 8+00S 2+00E P	<	177	27	198	24	<	<	7	<	<	0.4	42	84	161	<	85	91	942	13	49	2	8	0.09	2.17	0.85	6.79	1.86	0.09	0.03	0.17
L 8+50S 2+00E P	0.2	179	15	159	8	<	<	5	<	<	<	29	55	142	<	49	118	894	8	79	1	8	0.06	2.64	1.78	5.47	2.55	0.07	0.04	0.08
L 9+00S 2+00E P	1.3	109	25	393	70	12	<	22	<	<	3.1	12	55	206	<	17	55	583	17	79	1	4	<	0.97	0.22	5.20	0.64	0.08	0.04	0.13
L 9+50S 2+00E P	1.2	115	17	306	26	7	<	10	<	<	2.6	23	64	231	<	39	56	961	12	55	1	3	0.03	1.52	1.10	4.59	1.06	0.13	0.03	0.25
L10+00S 2+00E P	<	433	27	246	12	9	<	6	<	2	1.0	58	129	131	<	116	92	1213	6	30	1	9	0.08	2.52	0.88	5.74	2.06	0.07	0.03	0.08
L 0+50N 1+00E P	<	95	23	114	11	7	<	4	<	<	<	20	51	130	<	68	79	633	6	36	1	5	0.14	2.30	0.72	4.13	1.62	0.07	0.03	0.07
L 1+00N 1+00E P	<	76	22	124	12	<	<	4	<	<	<	26	40	131	<	61	81	922	5	29	1	4	0.11	1.84	0.54	4.09	1.34	0.06	0.03	0.09
L 1+50N 1+00E P	<	222	15	134	13	6	<	5	<	<	<	26	60	137	<	79	78	857	6	40	1	5	0.10	2.18	0.94	4.48	1.70	0.10	0.03	0.10
L 2+00N 1+00E P	<	144	18	123	9	7	<	3	<	<	0.3	22	54	106	<	69	72	706	5	40	1	5	0.12	1.94	1.02	3.96	1.55	0.09	0.03	0.08
L 2+50N 1+00E P	<	67	21	107	10	6	<	3	<	<	0.2	23	65	169	<	62	62	732	7	45	1	4	0.07	1.77	0.92	3.60	1.28	0.07	0.04	0.10
L 3+00N 1+00E P	<	74	25	114	5	<	<	4	<	<	<	25	52	177	<	69	77	895	6	35	1	4	0.11	2.01	0.68	3.97	1.39	0.07	0.03	0.09
L 3+50N 1+00E P	<	50	16	126	10	5	<	3	<	<	0.3	16	48	168	<	72	71	488	6	45	1	4	0.10	2.11	0.86	3.58	1.53	0.07	0.03	0.11
L 4+00N 1+00E P	<	125	19	97	13	5	<	3	<	<	<	24	52	90	<	62	82	777	6	51	2	6	0.25	1.93	1.57	4.09	1.66	0.08	0.03	0.10
L 4+50N 1+00E P	<	62	25	125	15	5	<	5	<	<	<	26	42	121	<	62	85	772	5	42	1	4	0.14	1.94	0.80	4.27	1.15	0.09	0.03	0.05
L 5+00N 1+00E P	<	128	16	172	16	5	<	2	<	<	<	26	68	187	<	81	77	895	6	67	1	5	0.12	2.07	1.65	4.02	1.53	0.09	0.03	0.09
L 0+00 1+00E P	<	63	12	98	9	5	<	2	<	<	0.1	19	38	123	<	49	68	758	4	51	2	4	0.18	1.68	1.36	3.34	1.25	0.07	0.03	0.04
L 0+50S 1+00E P	<	84	17	115	11	7	<	4	<	<	<	17	38	108	<	55	69	598	4	49	1	4	0.11	1.89	1.23	3.65	1.40	0.08	0.03	0.06
Min Limit	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*	99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

---=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate

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Client: Northern Analytical Laboratories iPL: 93J1401 Out: Oct 20, 1993 Section 1 of 1
Project: WO 00325 682 Soil Pulp In: Oct 14, 1993 Certified BC Assayer: David Chiu

Sample Name	Ag ppm	Cu ppm	Pb ppm	Zn ppm	As ppm	Sb ppm	Hg ppm	Mo ppm	Tl ppm	Bi ppm	Cd ppm	Co ppm	Ni ppm	Ba ppm	W ppm	Cr ppm	V ppm	Mn ppm	La ppm	Sr ppm	Zr ppm	Sc ppm	Ti %	Al %	Ca %	Fe %	Mg %	K %	Na %	P %
L 1+00S 1+00E P	<	67	16	117	15	6	<	5	<	<	<	16	37	101	<	56	74	495	5	37	2	4	0.09	1.98	0.88	4.37	1.54	0.07	0.02	0.07
L 1+50S 1+00E P	<	80	11	106	11	6	<	4	<	<	<	23	42	137	<	61	78	663	5	37	2	5	0.13	2.30	0.83	4.33	1.66	0.06	0.02	0.06
L 2+00S 1+00E P	<	100	21	96	12	5	<	4	<	<	<	23	49	134	<	56	73	796	7	30	2	6	0.15	2.05	0.62	4.24	1.49	0.06	0.04	0.03
L 2+50S 1+00E P	<	90	15	93	15	6	<	3	<	3	<	24	47	108	<	56	72	809	7	42	2	5	0.13	1.87	1.18	4.22	1.36	0.08	0.02	0.05
L 3+00S 1+00E P	<	173	20	107	13	6	<	4	<	2	<	22	57	149	<	59	70	795	10	40	2	5	0.10	1.90	1.32	4.14	1.61	0.09	0.04	0.06
L 3+50S 1+00E P	<	193	17	97	14	<	<	4	<	<	0.2	20	50	145	<	55	63	647	8	52	1	3	0.08	1.74	1.73	3.64	1.34	0.07	0.03	0.08
L 4+00S 1+00E P	<	164	15	118	16	8	<	4	<	<	<	22	52	168	<	69	84	610	8	45	2	6	0.12	2.38	1.00	4.52	1.75	0.08	0.03	0.06
L 4+50S 1+00E P	<	143	28	103	16	7	<	5	<	<	0.4	17	47	159	<	52	59	591	6	60	1	3	0.07	1.61	1.69	3.59	1.20	0.07	0.03	0.08
L 5+00S 1+00E P	0.5	155	399	99	26	5	<	4	<	<	<	18	46	178	<	57	76	608	7	48	1	4	0.07	1.93	1.20	4.15	1.61	0.07	0.02	0.08
L 5+50S 1+00E P	<	212	74	114	47	<	<	4	<	<	<	31	57	148	<	79	103	922	7	35	1	6	0.15	2.43	0.89	5.30	2.35	0.10	0.02	0.07
L 6+00S 1+00E P	<	110	42	105	14	6	<	3	<	<	0.2	18	42	180	<	53	64	572	6	47	1	3	0.05	1.76	1.11	3.79	1.25	0.05	0.03	0.08
L 6+50S 1+00E P	<	92	54	104	14	5	<	5	<	<	0.5	12	35	127	<	38	45	403	5	51	1	2	0.04	1.17	1.53	2.98	0.87	0.05	0.03	0.09
L 7+00S 1+00E P	<	116	40	149	17	5	<	6	<	2	<	25	51	213	<	53	69	879	9	47	1	3	0.05	1.86	0.89	4.30	1.29	0.07	0.03	0.10
L 7+50S 1+00E P	<	118	31	162	20	5	<	5	<	<	0.4	27	55	205	<	57	70	1059	9	45	1	4	0.05	1.91	0.90	4.46	1.46	0.09	0.03	0.10
L 8+00S 1+00E P	<	134	34	180	166	6	<	7	<	<	<	26	60	150	<	50	75	960	13	44	1	7	0.06	2.05	0.84	5.22	1.64	0.08	0.03	0.14
L 8+50S 1+00E P	0.8	173	24	584	32	7	<	10	<	<	4.8	30	96	157	<	33	50	1225	17	32	2	7	0.05	1.58	0.43	4.75	1.00	0.05	0.02	0.08
L 9+00S 1+00E P	0.2	117	25	467	46	7	<	12	<	<	6.2	26	75	416	<	22	52	1041	15	79	1	5	0.01	0.98	0.30	3.76	0.38	0.12	0.03	0.09
L 9+50S 1+00E P	1.0	153	21	284	28	8	<	13	<	<	0.6	27	73	267	<	56	60	812	13	47	1	5	0.03	1.62	0.53	5.01	1.12	0.07	0.03	0.14
L10+00S 1+00E P	1.6	106	20	195	22	6	<	9	<	<	1.6	25	56	234	<	50	54	824	10	44	1	4	0.04	1.48	0.72	4.19	0.93	0.06	0.03	0.13
Min Limit	0.1	1	2	1	5	5	3	1	10	2	0.1	1	1	2	5	1	2	1	2	1	1	1	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01
Max Reported*	99.9	20000	20000	20000	9999	9999	9999	9999	999	999	99.9	999	999	9999	999	9999	999	9999	9999	9999	999	99	1.00	9.99	9.99	9.99	9.99	9.99	5.00	5.00
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

--=No Test ins=Insufficient Sample S=Soil R=Rock C=Core L=Silt P=Pulp U=Undefined m=Estimate/1000 %=Estimate % Max=No Estimate

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Probe Resources

WO 00325

Sample		Au ppb
L 5+00E	5+00N	8
L 5+00E	4+75N	9
L 5+00E	4+00N	9
L 5+00E	3+50N	6
L 5+00E	3+00N	<5
L 5+00E	2+50N	6
L 5+00E	2+00N	<5
L 5+00E	1+50N	<5
L 5+00E	1+00N	6
L 5+00E	0+50N	9
L 5+00E	0+00S	8
L 5+00E	0+50S	8
L 5+00E	1+00S	6
L 5+00E	1+50S	6
L 5+00E	2+00S	<5
L 5+00E	2+50S	6
L 5+00E	3+00S	11
L 5+00E	3+50S	10
L 5+00E	4+00S	14
L 5+00E	4+50S	11
L 5+00E	5+00S	6
L 5+00E	5+50S	13
L 5+00E	6+00S	6
L 5+00E	6+50S	7
L 5+00E	7+00S	14
L 5+00E	7+50S	14
L 5+00E	8+00S	17
L 5+00E	8+50S	25
L 5+00E	9+00S	7
L 5+00E	9+50S	6
L 5+00E	10+00S	19
L 4+00E	5+00N	14
L 4+00E	4+50N	5
L 4+00E	4+00N	6
L 4+00E	3+50N	15
L 4+00E	3+00N	11
L 4+00E	2+50N	6
L 4+00E	2+00N	10
L 4+00E	1+50N	10
L 4+00E	1+00N	9
L 4+00E	0+50N	22
L 4+00E	0+00S	14

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Probe Resources WO 00325

Sample		Au ppb
L 4+00E	0+50S	10
L 4+00E	1+00S	9
L 4+00E	1+50S	8
L 4+00E	2+00S	23
L 4+00E	2+50S	10
L 4+00E	3+00S	10
L 4+00E	3+50S	8
L 4+00E	4+00S	9
L 4+00E	4+50S	7
L 4+00E	5+00S	14
L 4+00E	5+50S	44
L 4+00E	6+00S	17
L 4+00E	6+50S	12
L 4+00E	7+00S	12
L 4+00E	7+50S	12
L 4+00E	8+00S	26
L 4+00E	8+50S	16
L 4+00E	9+00S	5
L 4+00E	9+50S	44
L 4+00E	10+00S	11
L 3+00E	5+00N	10
L 3+00E	4+50N	9
L 3+00E	4+00N	10
L 3+00E	3+50N	10
L 3+00E	3+00N	9
L 3+00E	2+50N	8
L 3+00E	2+00N	8
L 3+00E	1+50N	11
L 3+00E	1+00N	11
L 3+00E	0+50N	8
L 3+00E	0+00S	5
L 3+00E	0+50S	13
L 3+00E	1+00S	10
L 3+00E	1+50S	15
L 3+00E	2+00S	12
L 3+00E	2+50S	10
L 3+00E	3+00S	8
L 3+00E	3+50S	9
L 3+00E	4+00S	9
L 3+00E	4+50S	10
L 3+00E	5+00S	8
L 3+00E	5+50S	6

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Probe Resources WO 00325

Sample		Au ppb
L 3+00E	6+00S	15
L 3+00E	6+50S	24
L 3+00E	7+00S	8
L 3+00E	7+50S	6
L 3+00E	8+00S	7
L 3+00E	8+50S	11
L 3+00E	9+00S	12
L 3+00E	9+50S	11
L 3+00E	10+00S	7
L 2+00E	5+00N	9
L 2+00E	4+50N	17
L 2+00E	4+00N	7
L 2+00E	3+50N	14
L 2+00E	3+00N	9
L 2+00E	2+50N	8
L 2+00E	2+00N	11
L 2+00E	1+50N	10
L 2+00E	1+00N	9
L 2+00E	0+50N	8
L 2+00E	0+00S	12
L 2+00E	0+50S	8
L 2+00E	1+00S	15
L 2+00E	1+50S	10
L 2+00E	2+00S	7
L 2+00E	2+50S	10
L 2+00E	3+00S	12
L 2+00E	3+50S	8
L 2+00E	4+00S	7
L 2+00E	4+50S	5
L 2+00E	5+00S	16
L 2+00E	5+50S	12
L 2+00E	6+00S	36
L 2+00E	6+50S	17
L 2+00E	7+00S	14
L 2+00E	7+50S	30
L 2+00E	8+00S	15
L 2+00E	8+50S	15
L 2+00E	9+00S	31
L 2+00E	9+50S	14
L 2+00E	10+00S	6
L 1+00E	5+00N	12
L 1+00E	4+50N	13

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Probe Resources WO 00325

Sample		Au ppb
L 1+00E	4+00N	9
L 1+00E	3+50N	10
L 1+00E	3+00N	7
L 1+00E	2+50N	10
L 1+00E	2+00N	14
L 1+00E	1+50N	12
L 1+00E	1+00N	58
L 1+00E	0+50N	17
L 1+00E	0+00	8
L 1+00E	0+50S	10
L 1+00E	1+00S	10
L 1+00E	1+50S	13
L 1+00E	2+00S	11
L 1+00E	2+50S	7
L 1+00E	3+00S	26
L 1+00E	3+50S	16
L 1+00E	4+00S	9
L 1+00E	4+50S	11
L 1+00E	5+00S	10
L 1+00E	5+50S	10
L 1+00E	6+00S	17
L 1+00E	6+50S	9
L 1+00E	7+00S	14
L 1+00E	7+50S	98
L 1+00E	8+00S	77
L 1+00E	8+50S	11
L 1+00E	9+00S	20
L 1+00E	9+50S	11
L 1+00E	10+00S	33
L 0+00E	10+00N	14
L 0+00E	9+50N	14
L 0+00E	9+00N	13
L 0+00E	8+50N	19
L 0+00E	8+00N	12
L 0+00E	7+50N	19
L 0+00E	7+00N	7
L 0+00E	6+50N	73
L 0+00E	6+00N	10
L 0+00E	5+50N	9
L 0+00E	5+00N	15
L 0+00E	4+75N	13
L 0+00E	4+50N	382

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Probe Resources WO 00325

Sample		Au ppb
L 0+00E	4+25N	18
L 0+00E	4+00N	10
L 0+00E	3+75N	14
L 0+00E	3+50N	10
L 0+00E	3+00N	10
L 0+00E	2+75N	11
L 0+00E	2+50N	11
L 0+00E	2+25N	8
L 0+00E	2+00N	6
L 0+00E	1+75N	12
L 0+00E	1+50N	6
L 0+00E	1+25N	5
L 0+00E	1+00N	8
L 0+00E	0+75N	14
L 0+00E	0+50N	7
L 0+00E	0+25N	11
L 0+00E	0+00	10
L 0+00E	0+50S	8
L 0+00E	1+00S	<5
L 0+00E	1+50S	7
L 0+00E	2+00S	13
L 0+00E	2+50S	13
L 0+00E	3+00S	14
L 0+00E	3+50S	58
L 0+00E	4+00S	174
L 0+00E	4+50S	86
L 0+00E	5+00S	12
L 0+00E	5+50S	13
L 0+00E	6+00S	10
L 0+00E	6+50S	7
L 0+00E	7+00S	15
L 0+00E	7+50S	11
L 0+00E	8+00S	10
L 0+00E	8+50S	15
L 0+00E	9+00S	17
L 0+00E	9+50S	19
L 0+00E	10+00S	10
L 1+00W	10+00N	7
L 1+00W	9+50N	20
L 1+00W	9+00N	14
L 1+00W	8+50N	9
L 1+00W	8+00N	10

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Probe Resources WO 00325

Sample		Au ppb
L 1+00W	7+50N	7
L 1+00W	7+00N	6
L 1+00W	6+50N	15
L 1+00W	6+00N	15
L 1+00W	5+50N	137
L 1+00W	5+00N	9
L 1+00W	4+50N	9
L 1+00W	4+00N	6
L 1+00W	3+50N	7
L 1+00W	3+00N	<5
L 1+00W	2+50N	14
L 1+00W	2+00N	7
L 1+00W	1+50N	10
L 1+00W	1+00N	10
L 1+00W	0+50N	43
L 1+00W	0+00	15
L 1+00W	0+50S	9
L 1+00W	1+00S	8
L 1+00W	1+50S	11
L 1+00W	2+00S	13
L 1+00W	2+50S	12
L 1+00W	3+00S	11
L 1+00W	3+50S	13
L 1+00W	4+00S	11
L 1+00W	4+50S	18
L 1+00W	5+00S	13
L 1+00W	5+50S	9
L 1+00W	6+00S	8
L 1+00W	6+50S	11
L 1+00W	7+00S	15
L 1+00W	7+50S	7
L 1+00W	8+00S	9
L 1+00W	8+50S	11
L 1+00W	9+00S	12
L 1+00W	9+50S	7
L 1+00W	10+00S	14
L 2+00W	10+00N	9
L 2+00W	9+50N	11
L 2+00W	9+00N	13
L 2+00W	8+50N	13
L 2+00W	8+00N	18
L 2+00W	7+50N	8

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Probe Resources WO 00325

Sample		Au ppb
L 2+00W	7+00N	11
L 2+00W	6+50N	7
L 2+00W	6+00N	7
L 2+00W	5+50N	7
L 2+00W	5+00N	11
L 2+00W	4+50N	15
L 2+00W	4+00N	9
L 2+00W	3+50N	8
L 2+00W	3+00N	5
L 2+00W	2+50N	<5
L 2+00W	2+00N	7
L 2+00W	1+50N	11
L 2+00W	1+00N	8
L 2+00W	0+50N	25
L 2+00W	0+00	8
L 2+00W	0+50S	11
L 2+00W	1+00S	11
L 2+00W	1+50S	18
L 2+00W	2+00S	10
L 2+00W	2+50S	15
L 2+00W	3+00S	11
L 2+00W	3+50S	10
L 2+00W	4+00S	13
L 2+00W	4+50S	11
L 2+00W	5+00S	13
L 2+00W	5+50S	14
L 2+00W	6+00S	15
L 2+00W	6+50S	11
L 2+00W	7+00S	16
L 2+00W	7+50S	40
L 2+00W	8+00S	496
L 2+00W	8+50S	19
L 2+00W	9+00S	19
L 2+00W	9+50S	30
L 2+00W	10+00S	12
L 3+00W	10+00N	15
L 3+00W	9+50N	10
L 3+00W	9+00N	11
L 3+00W	8+50N	28
L 3+00W	8+00N	19
L 3+00W	7+50N	7
L 3+00W	7+00N	19

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Probe Resources WO 00325

Sample		Au ppb
L 3+00W	6+50N	12
L 3+00W	6+00N	34
L 3+00W	5+50N	8
L 3+00W	5+00N	12
L 3+00W	4+50N	241
L 3+00W	4+00N	10
L 3+00W	3+50N	6
L 3+00W	3+00N	8
L 3+00W	2+50N	7
L 3+00W	2+00N	13
L 3+00W	1+50N	9
L 3+00W	1+00N	10
L 3+00W	0+50N	6
L 3+00W	0+00	21
L 3+00W	0+50S	17
L 3+00W	1+00S`	10
L 3+00W	1+50S	8
L 3+00W	2+00S	11
L 3+00W	2+50S	11
L 3+00W	3+00S	16
L 3+00W	3+50S	13
L 3+00W	4+00S	11
L 3+00W	4+50S	13
L 3+00W	5+00S	11
L 3+00W	5+50S	8
L 3+00W	6+00S	11
L 3+00W	6+50S	7
L 3+00W	7+00S	7
L 3+00W	7+50S	7
L 3+00W	8+00S	9
L 3+00W	8+50S	8
L 3+00W	9+00S	14
L 3+00W	9+50S	9
L 3+00W	10+00S	7
L 4+00W	10+00N	9
L 4+00W	9+50N	8
L 4+00W	9+00N	9
L 4+00W	8+50N	11
L 4+00W	8+00N	17
L 4+00W	7+50N	54
L 4+00W	7+00N	50
L 4+00W	6+50N	10

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Probe Resources WO 00325

Sample		Au ppb
L 4+00W	6+00N	14
L 4+00W	5+50N	11
L 4+00W	5+00N	10
L 4+00W	4+50N	14
L 4+00W	4+00N	24
L 4+00W	3+50N	9
L 4+00W	3+00N	10
L 4+00W	2+50N	17
L 4+00W	2+00N	10
L 4+00W	1+50N	297
L 4+00W	1+00N	18
L 4+00W	0+50N	15
L 4+00W	0+00N	33
L 4+00W	0+50S	9
L 4+00W	1+00S	167
L 4+00W	1+50S	16
L 4+00W	2+00S	11
L 4+00W	2+50S	11
L 4+00W	3+00S	10
L 4+00W	3+50S	11
L 4+00W	4+00S	10
L 4+00W	4+50S	10
L 4+00W	5+00S	7
L 4+00W	5+50S	7
L 4+00W	6+00S	23
L 4+00W	6+50S	22
L 4+00W	7+00S	59
L 4+00W	7+50S	36
L 4+00W	8+00S	16
L 4+00W	8+50S	46
L 4+00W	9+00S	39
L 4+00W	9+50S	24
L 5+00W	10+00N	13
L 5+00W	9+50N	28
L 5+00W	9+00N	17
L 5+00W	8+50N	22
L 5+00W	8+00N	13
L 5+00W	7+50N	39
L 5+00W	7+00N	14
L 5+00W	6+50N	13
L 5+00W	6+00N	15
L 5+00W	5+50N	12

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Probe Resources WO 00325

Sample		Au ppb
L 5+00W	5+00N	21
L 5+00W	4+50N	14
L 5+00W	4+00N	16
L 5+00W	3+50N	100
L 5+00W	3+00N	16
L 5+00W	2+50N	48
L 5+00W	2+00N	49
L 5+00W	1+50N	51
L 5+00W	1+00N	11
L 5+00W	0+50N	531
L 5+00W	0+00	25
L 5+00W	0+50S	11
L 5+00W	1+00S	34
L 5+00W	1+50S	13
L 5+00W	2+00S	106
L 5+00W	2+50S	<5
L 5+00W	3+00S	19
L 5+00W	3+50S	8
L 5+00W	4+00S	6
L 5+00W	4+50S	14
L 5+00W	5+00S	9
L 5+00W	5+50S	7
L 5+00W	6+00S	8
L 5+00W	6+50S	7
L 5+00W	7+00S	8
L 5+00W	7+50S	12
L 5+00W	8+00S	9
L 5+00W	8+50S	10
L 5+00W	9+00S	12
L 5+50W	10+00N	9
L 5+50W	9+50N	7
L 5+50W	9+00N	8
L 5+50W	8+50N	6
L 5+50W	8+00N	5
L 5+50W	7+50N	8
L 5+50W	7+00N	6
L 5+50W	6+50N	16
L 5+50W	6+00N	23
L 5+50W	5+50N	6
L 6+00W	5+00N	22
L 6+00W	4+50N	7
L 6+00W	3+50N	19

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Probe Resources WO 00325

Sample		Au ppb
L 6+00W	3+00N	9
L 6+00W	2+50N	9
L 6+00W	1+50N	14
L 6+00W	1+00N	9
L 6+00W	0+50N	8
L 6+00W	0+00	7
L 6+00W	0+50S	8
L 6+00W	1+00S	14
L 6+00W	1+50S	7
L 6+00W	2+00S	9
L 6+00W	2+50S	18
L 6+00W	3+00S	12
L 6+00W	3+50S	10
L 6+00W	4+00S	6
L 6+00W	4+50S	20
L 6+00W	5+00S	8
L 6+00W	5+50S	<5
L 6+00W	6+00S	7
L 6+00W	6+50S	6
L 6+00W	7+00S	17
L 6+00W	7+50S	10
L 6+00W	8+00S	9
L 6+00W	8+50S	6
L 6+00W	9+00S	9
L 7+00W	10+00N	15
L 7+00W	9+50N	9
L 7+00W	9+00N	9
L 7+00W	8+50N	142
L 7+00W	8+00N	8
L 7+00W	7+50N	14
L 7+00W	7+00N	127
L 7+00W	6+50N	6
L 7+00W	6+00N	7
L 7+00W	5+50N	11
L 7+00W	5+00N	11
L 7+00W	4+50N	10
L 7+00W	4+00N	9
L 7+00W	3+50N	174
L 7+00W	3+00N	15
L 7+00W	2+50N	237
L 7+00W	2+00N	10
L 7+00W	1+50N	14

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Assay Certificate

Probe Resources

WO 00325

Sample		Au ppb
L 7+00W	1+00N	14
L 7+00W	0+50N	14
L 7+00W	0+00	9
L 7+00W	0+50S	16
L 7+00W	1+00S	142
L 7+00W	1+50S	17
L 7+00W	2+00S	10
L 7+00W	2+50S	41
L 7+00W	3+00S	70
L 7+00W	3+50S	8
L 7+00W	4+00S	76
L 7+00W	4+50S	403
L 7+00W	5+00S	116
L 7+00W	5+50S	21
L 7+00W	6+00S	793
L 7+00W	6+50S	7
L 7+00W	7+00S	9
L 7+00W	7+50S	7
L 7+00W	8+00S	7
L 7+00W	8+50S	6
L 8+00W	10+00N	11
L 8+00W	9+50N	9
L 8+00W	9+00N	7
L 8+00W	8+50N	9
L 8+00W	8+00N	10
L 8+00W	7+00N	10
L 8+00W	6+50N	8
L 8+00W	6+00N	10
L 8+00W	5+50N	61
L 8+00W	5+00N	7
L 8+00W	4+50N	7
L 8+00W	4+00N	9
L 8+00W	3+50N	19
L 8+00W	3+00N	11
L 8+00W	2+50N	26
L 8+00W	2+00N	16
L 8+00W	1+50N	1340
L 8+00W	1+00N	14
L 8+00W	0+50N	12
L 8+00W	0+00S	7
L 8+00W	0+50S	9
L 8+00W	1+00S	11

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Probe Resources WO 00325

Sample		Au ppb
L 8+00W	1+50S	10
L 8+00W	2+00S	11
L 8+00W	2+50S	9
L 8+00W	3+00S	11
L 8+00W	3+50S	11
L 8+00W	4+00S	6
L 8+00W	4+50S	12
L 8+00W	5+00S	7
L 8+00W	5+50S	9
L 8+00W	6+50S	11
L 8+00W	7+00S	32
L 8+00W	7+50S	8
L 8+00W	8+00S	9
L 8+00W	8+50S	10
L 8+00W	9+00S	14
L 9+00W	10+00N	11
L 9+00W	9+50N	10
L 9+00W	9+00N	11
L 9+00W	8+50N	16
L 9+00W	8+00N	32
L 9+00W	7+50N	7
L 9+00W	7+00N	9
L 9+00W	6+50N	11
L 9+00W	6+00N	7
L 9+00W	5+50N	5
L 9+00W	5+00N	10
L 9+00W	4+50N	9
L 9+00W	4+00N	64
L 9+00W	3+50N	5
L 9+00W	3+00N	10
L 9+00W	2+50N	19
L 9+00W	2+00N	12
L 9+00W	1+50N	37
L 9+00W	1+00N	7
L 9+00W	0+50N	10
L 9+00W	0+00	<5
L 9+00W	0+50S	8
L 9+00W	1+00S	9
L 9+00W	1+50S	8
L 9+00W	2+00S	8
L 9+00W	2+50S	9
L 9+00W	3+00S	6

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Probe Resources WO 00325

Sample		Au ppb
L 9+00W	3+50S	8
L 9+00W	4+00S	11
L 9+00W	4+50S	7
L 9+00W	5+00S	6
L 9+00W	5+50S	10
L 9+00W	6+00S	11
L 9+00W	6+50S	136
L 9+00W	7+00S	9
L 9+00W	7+50S	10
L 9+00W	8+00S	77
L 9+00W	8+50S	24
L 9+00W	9+00S	10
L 10+00W	10+00N	16
L 10+00W	9+50N	19
L 10+00W	9+00N	208
L 10+00W	8+50N	9
L 10+00W	8+00N	16
L 10+00W	7+50N	6
L 10+00W	7+00N	>6667
L 10+00W	6+50N	46
L 10+00W	6+00N	8
L 10+00W	5+50N	5
L 10+00W	5+00N	6
L 10+00W	4+50N	11
L 10+00W	4+00N	37
L 10+00W	3+50N	6
L 10+00W	3+00N	7
L 10+00W	2+50N	17
L 10+00W	2+00N	7
L 10+00W	1+50N	8
L 10+00W	1+00N	14
L 10+00W	0+50N	9
L 10+00W	0+00	8
L 11+00W	10+00N	9
L 11+00W	9+50N	6
L 11+00W	9+00N	11
L 11+00W	8+50N	7
L 11+00W	8+00N	7
L 11+00W	7+50N	17
L 11+00W	7+00N	8
L 11+00W	6+50N	13
L 11+00W	6+00N	13

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Probe Resources WO 00325

Sample	Au ppb
L 11+00W 5+50N	8
L 11+00W 5+00N	7
L 11+00W 4+50N	6
L 11+00W 4+00N	6
L 11+00W 3+50N	<5
L 11+00W 3+00N	5
L 11+00W 2+50N	9
L 11+00W 2+00N	9
L 11+00W 1+50N	299
L 11+00W 1+00N	8
L 11+00W 0+50N	12
L 11+00W 0+00	7
L 12+00W 10+00N	6
L 12+00W 9+50N	9
L 12+00W 9+00N	8
L 12+00W 8+50N	11
L 12+00W 8+00N	9
L 12+00W 7+50N	10
L 12+00W 7+00N	11
L 12+00W 6+50N	6
L 12+00W 6+00N	18
L 12+00W 5+50N	6
L 12+00W 5+00N	5
L 12+00W 4+50N	9
L 12+00W 4+00N	6
L 12+00W 3+50N	7
L 12+00W 3+00N	5
L 12+00W 2+50N	8
L 12+00W 2+00N	8
L 12+00W 1+50N	11
L 12+00W 1+00N	10
L 12+00W 0+50N	7
L 12+00W 0+00	9
L 13+00W 10+00N	9
L 13+00W 9+50N	20
L 13+00W 9+00N	16
L 13+00W 8+50N	7
L 13+00W 8+00N	6
L 13+00W 7+50N	8
L 13+00W 7+00N	<5
L 13+00W 6+50N	9
L 13+00W 6+00N	7

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Probe Resources WO 00325

Sample	Au ppb
L 13+00W 5+50N	19
L 13+00W 5+00N	7
L 13+00W 4+50N	5
L 13+00W 4+00N	5
L 13+00W 3+50N	8
L 13+00W 3+00N	5
L 13+00W 2+50N	7
L 13+00W 2+00N	9
L 13+00W 1+50N	10
L 13+00W 1+00N	6
L 13+00W 0+50N	7
L 13+00W 0+00	<5
L 14+00W 10+00N	<5
L 14+00W 9+50N	5
L 14+00W 9+00N	11
L 14+00W 8+50N	5
L 14+00W 8+00N	<5
L 14+00W 7+50N	<5
L 14+00W 7+00N	<5
L 14+00W 6+50N	<5
L 14+00W 6+00N	<5
L 14+00W 5+50N	5
L 14+00W 5+00N	<5
L 14+00W 4+50N	6
L 14+00W 4+00N	5
L 14+00W 3+50N	<5
L 14+00W 3+00N	6
L 14+00W 2+50N	8
L 14+00W 2+00N	<5
L 14+00W 1+50N	<5
L 14+00W 1+00N	5
L 14+00W 0+50N	6
L 14+00W 0+00	7
L 15+00W 10+00N	5
L 15+00W 9+50N	21
L 15+00W 9+00N	6
L 15+00W 8+50N	<5
L 15+00W 8+00N	6
L 15+00W 7+50N	6
L 15+00W 7+00N	6
L 15+00W 6+50N	10
L 15+00W 6+00N	10

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WO 00325

Sample	Au ppb
L 15+00W 5+50N	6
L 15+00W 5+00N	6
L 15+00W 4+50N	6
L 15+00W 4+00N	8
L 15+00W 3+50N	10
L 15+00W 3+00N	10
L 15+00W 2+50N	7
L 15+00W 2+00N	7
L 15+00W 1+50N	21
L 15+00W 1+00N	28
L 15+00W 0+50N	8
L 15+00W 0+00S	8

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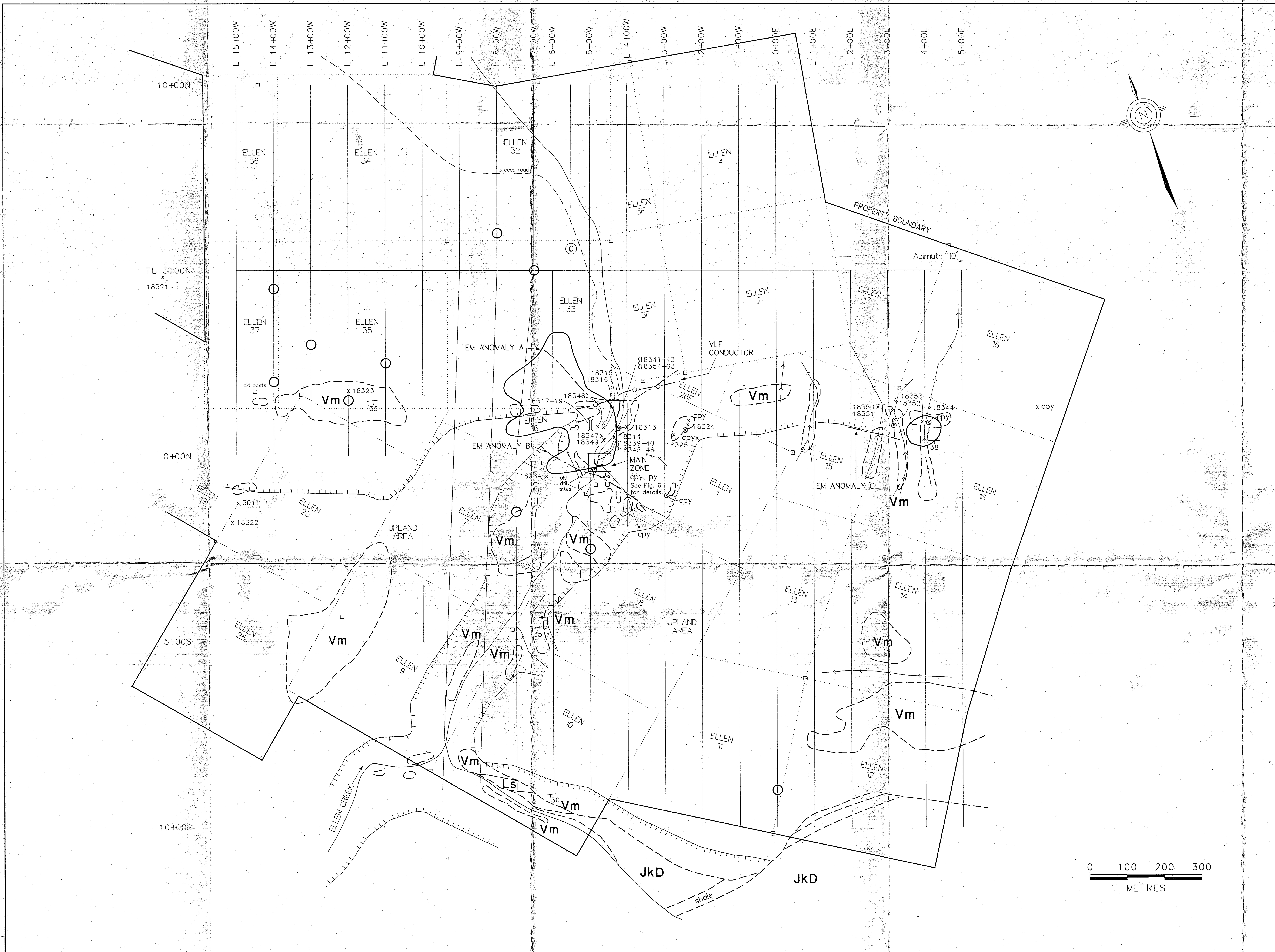

LEGEND

JkD JURASSIC and CRETACEOUS
Mica schist, slate.

PMvs PALEOZOIC and/or MESOZOIC

Vm Mafic volcanics, tuffs, greenschist, minor argillite and greywacke. Peridotite.

Ls Limestone and meta-sedimentary rock.

SYMBOLS

- Outcrop, strike and dip (40)
- Cu geochem >500 ppm
- HLEM conductor
- VLF conductor
- Blast or backhoe trench or pit
- x 18323 Rock sample location, number
- Narrow gully
- Edge of upland plateau
- Claim boundary and posts
- Camp

ROCK SAMPLE RESULTS

SAMPLE NO.	WIDTH (cm)	Cu (ppm,%)	Au (ppb)
18313	grab	303	9
18314	grab	118	8
18315	grab	124	22
18316	grab	669	9
18317	grab	7321	>6667
18318	grab	11059	217
18319	grab	6697	352
18320	grab	363	60
18321	grab	81	178
18322	grab	20	<5
18323	grab	774	8
18324	grab	3049	6
18325	grab	2829	10
18339	grab	9.1%	79
18340	grab	10515	23
18341	grab	447	10
18342	grab	318	10
18343	grab	67	15
18344	grab	3560	13
18345	grab	13%	993
18346	grab	6.4%	>6667
18347	grab	11919	37
18348	grab	7489	70
18349	grab	2809	14
18350	grab	18238	199
18351	grab	5207	40
18352	grab	993	140
18353	grab	174	18
18354	grab	280	9
18355	300	179	10
18356	250	173	64
18357	200	187	12
18358	200	200	13
18359	200	225	35
18360	300	126	9
18361	200	200	12
18362	200	251	8
18363	200	211	10
18364	grab	7578	433

PROBE RESOURCES LTD.

ELLEN CLAIMS PROPERTY PLAN

G. DAVIDSON, CONSULTING GEOLOGIST

SCALE: 1 : 5,000		DATE: October 1993
N.T.S.: 115 A/13	DRAWN: R.S.	FIGURE 5