REPORT ON
YETI 4 - 7 CLAIMS
YEHINIKO LAKE
STIKINE RIVER AREA
NORTHWESTERN BRITISH COLUMBIA
NTS 104 G

57 degrees 32 minutes north, 131 degrees 20 minutes west

Prepared for: Toscana Resources Ltd.

Prepared by: Erik Ostensoe, FGAC
consulting geologist

GEOLOGICAL ASSOCIATION OF CANADA · FELLOW · ERIK OSTENSOE

Date of report: December 15, 1990.
Revised: May 15, 1991.

Final Revision: June 18, 1992

ARIS SUMMARY SHEET

istrict Geologist, Smithers   Off Confidential: 92.03.21

ASSESSMENT REPORT 21168   MINING DIVISION: Liard

ROPERTY: Yehiniko
LOCATION: LAT   57 32 00   LONG   131 20 00
                UTM   09 6378945   360299
                NTS   104G11W
LAIM(S):   Yeti 4-7
OPERATOR(S):   Toscana Res.
UTHOR(S):   Ostensoe, E.A.
EPORT YEAR: 1990, 107 Pages
COMMODITIES
SEARCHED FOR: Copper,Gold
EYWORDS: Triassic,Mafic volcanics,Sediments,Alteration,Quartz-calcite veins
                Pyrite,Gold
WORK
ONE: Geological,Geophysical,Geochemical,Prospecting,Physical
            LINE   22.0 km
            MAGG   4.5 km
            PROS 1500.0 ha
                Map(s) - 1; Scale(s) - 1:10 000
            ROCK   142 sample(s) ;ME
            SILT   25 sample(s) ;ME
MINFILE: 104G 112

21168

Province of British Columbia

Ministry of Energy, Mines and Petroleum Resources

ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TYPE OF REPORT/SURVEY(S)	TOTAL COST
Geological, Geochemical, Magnetometer	$75,000

AUTHOR(S) Erik Ostensoe SIGNATURE(S)

DATE STATEMENT OF EXPLORATION AND DEVELOPMENT FILED March 21, 1991 YEAR OF WORK 1990

PROPERTY NAME(S) Yehiniko

COMMODITIES PRESENT Gold, copper

B.C. MINERAL INVENTORY NUMBER(S), IF KNOWN

MINING DIVISION Liard NTS 104 G

LATITUDE 57 degrees 32 minutes north LONGITUDE 131 degrees 20 minutes west

NAMES and NUMBERS of all mineral tenures in good standing (when work was done) that form the property [Examples: TAX 1-4, FIRE 2 (12 units); PHOENIX (Lot 1706); Mineral Lease M 123; Mining or Certified Mining Lease ML 12 (claims involved)]:

Yeti 4 - 7 claims - 7224 - 7227 inclusive

OWNER(S)

(1) J. Tarnowski in trust for Cascade Investments J.V. (2)

MAILING ADDRESS Box 11569, Vancouver Centre, 820 - 650 West Georgia Street, Vancouver, B. C. V6B 4N8

SUB-RECORDER RECEIVED JUN 18 1992 M.R. # $ VANCOUVER, B.C.

OPERATOR(S) (that is, Company paying for the work)

(1) Toscana Resources Ltd (2)

1104 - 750 West Pender St., Vancouver, B. C.

MAILING ADDRESS

SUMMARY GEOLOGY (lithology, age, structure, alteration, mineralization, size, and attitude):

Preliminary and partial prospecting, geological mapping, soil and stream geochemical and magnetometer surveys have explored in preliminary fashion Upper Triassic age mafic volcanic rocks (in part altered to serpentinite) and arenaceous sedimentary strata. A coarsely porphyritic augite dacite occupies the northcentral part of the claims. Gold and copper values occur in quartz-calcite veins in mafic flows. Quartz-sericite-pyrite zones in volcaniclastic rocks west of "West Yehiniko Creek" contain gold, copper and zinc values. Magnetic patterns have not been completely defined. Recognition of high gold values and the presence of visible gold particles in specimens indicate that further work will be required to enable determination of mineral potential.

REFERENCES TO PREVIOUS WORK

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	COST APPORTIONED
GEOLOGICAL (scale, area)			
Ground	16 sq. kms	Yeti 4 - 7 incl	$24,000
Photo			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic	4.5 line kms	Yeti 7	$ 5,000
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for ....)			
Soil	926 soils for 30 elements by ICP	Yeti 6,7	$28,496.52
Silt	25 silts " " " " "	Yeti 4 - 7	
Rock	142 rocks " " " " "	Yeti 4 - 7	
Other	7 platinum group assays		
DRILLING (total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralogic			
Metallurgic			
PROSPECTING (scale, area)	reconnaissance	Yeti 4 - 7 incl	$10,600
PREPARATORY/PHYSICAL			
Legal surveys (scale, area)			
Topographic (scale, area)			
Photogrammetric (scale, area)			
Line/grid (kilometres)	22 line kms	Yeti 6, 7	$11,000
Road, local access (kilometres)			
Trench (metres)			
Underground (metres)			
		TOTAL COST	$79,096.52

FOR MINISTRY USE ONLY	NAME OF PAC ACCOUNT	DEBIT	CREDIT	REMARKS:
Value work done (from report)				
Value of work approved				
Value claimed (from statement)				
Value credited to PAC account				
Value debited to PAC account				
Accepted .... Date	Rept. No.			Information Class

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ILLUSTRATIONS

ILLUSTRATIONS

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0.0 SUMMARY

The Yeti 4 - 7 mineral claims located in northwestern British Columbia have been explored in preliminary fashion by prospecting, geological mapping, rock chip, soil and stream sediment sampling, and a limited magnetometer survey, at cost to date of more than $75,000. This work has revealed the presence of a geological environment that is favourable for the location of precious metal deposits and many of the samples contained significant quantities of gold, copper, zinc, and silver. Fire assays of 4.366 and 1.603 ounces gold per ton were obtained from chip samples taken by a geologist from quartz-carbonate veins that occur in strongly fractured andesitic volcaniclastic formations. An even higher gold content of 515,100 ppb (or about 15 ounces gold per ton) was indicated in a grab sample from a 0.15 metre wide structure that contained visible gold and was analysed by ICP methods.

The results of the preliminary work performed on the Yeti 4 - 7 claims are thought to be strongly encouraging and a two phased program of exploration by standard geological methods and diamond drilling is recommended. The cost of such work is estimated to be $75,000 for Phase 1. Phase 2 work, which is contingent upon positive results being obtained from Phase 1, is estimated to cost $154,000. It is recommended that the proposed program of work commence as soon as weather conditions permit access to the mineral zones.

I.0 INTRODUCTION

I.1 Introduction and Acknowledgements

This report was prepared at the request of management of Toscana Resources Ltd. It briefly describes the program of work performed on the Yeti 4 - 7 claims during September 1990 by Coast Mountain Geological Ltd. and Quest Canada Exploration Services Inc. It includes recommendations for further work at anticipated cost of $75,000 for first stage work and $154,000 for second stage work. Stage two expenditures should be incurred if, after review by management and/or consultants, the results of stage one are positive with respect to mineral potential.

The writer participated in the 1990 field work in the planning and execution of prospecting, geological mapping, soil survey and

IGS-2 geophysical surveys. It should be noted that high gold analyses were obtained from the analytical laboratory after completion of field work and that no confirmatory check sampling was possible. The author has inspected hand specimens taken from the vicinity of chip and grab samples that are strongly anomalous in gold and other metals and has observed metallic gold particles and chalcopyrite, pyrite and malachite in those samples.

Figures that accompany this report were prepared with the assistance of Chris Basil and Will Kushner of Coast Mountain Geological whose assistance is appreciated. Field workers included the author, whose qualifications are listed elsewhere in this report, and geologists Andrew Wilkins, B.Sc. 1981, Willie Kushner, B.Sc. 1987, Todd Faragher, B.Sc. 1988, and prospectors Chris Basil, David Ridley, and Catherine Ridley, and helpers Jamie McClellan and Keith Huey.

I-2. Location and Access

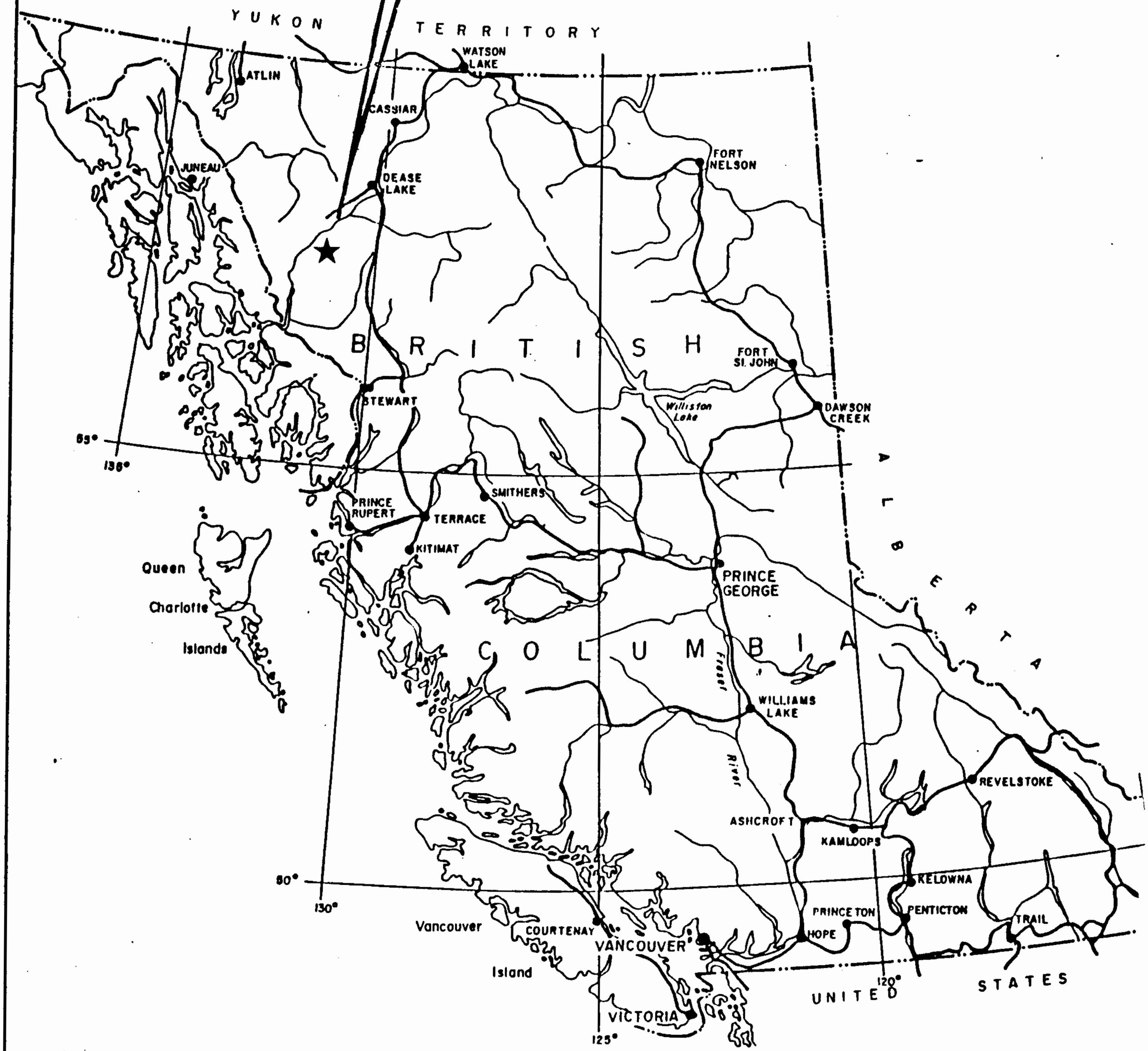
The Yeti 4 - 7 inclusive claims are located immediately west of the south end of Yehiniko Lake, 40 km south of Telegraph Creek in the Stikine River area of northern British Columbia (Figures 1 and 2). They are close to the eastern edge of the Coast Mountains physiographic province at the transition to the Intermontane province. The Schaft Creek porphyry copper molybdenum deposit is located 27 km southeast of the Yeti 4 - 7 claims and the Galore Creek porphyry copper-gold deposit is 45 km south. The entire lower Stikine River district is currently the site of intensive mineral exploration.

The Yeti 4 - 7 claims have elevations between 950 and 1900 metres and extend from west of a large creek, unofficially called "West Yehiniko Creek", easterly across two prominent ridges and down an east-facing slope almost to the south end of Yehiniko Lake. Terrain is steep except for a high gently sloping upland surface in the east-central part of Yeti 6 and 7 claims.

Access to the Yeti 4 - 7 claims at the present time is entirely by helicopter but there are no apparent serious physical barriers to construction of road access. Access during the exploration phase of work possibly can be facilitated by making improvements to a winter landing field located five kms north, near Yehiniko Lake.

Winters in the Telegraph Creek area are generally a moderate blend of Interior cold modified by Coastal marine conditions but a substantial snowpack accumulates at the Yehiniko Lake area and

YETI 4-7
PROPERTY LOCATION

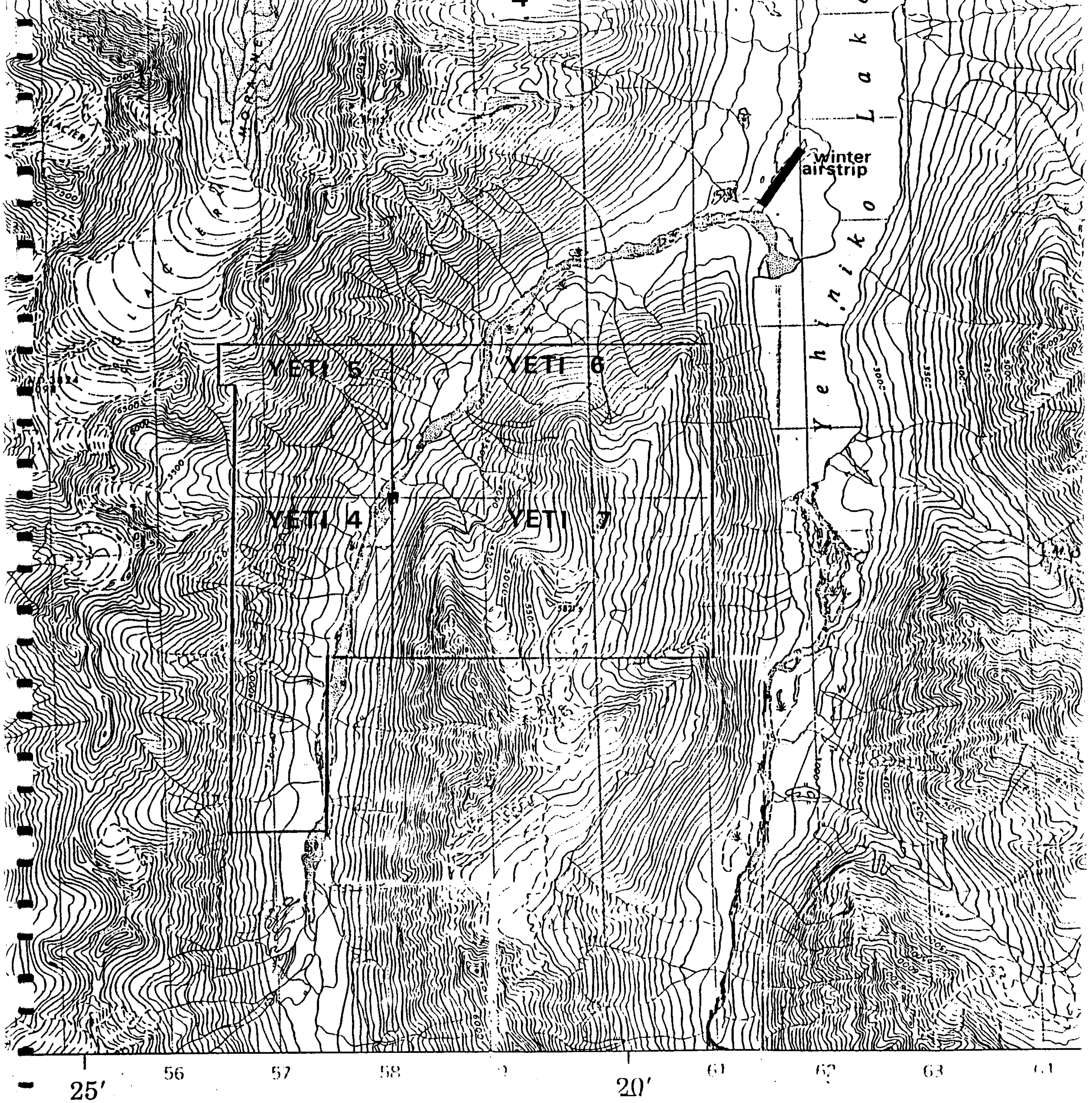


Erik A. Ostensoe

ERIK OSTENSOE
FELLOW

0 100 200 MILES
0 100 200 300 KILOMETRES

YEHINIKO LAKE PROPERTY			
LOCATION MAP			
LIARD MINING DIVISION, B.C.			
DRAWN BY: B.K.	NTS: 104G/11	DATE: NOVEMBER, 1990	FIGURE: 1



CONTOUR INTERVAL .... 100 FEET
ELEVATIONS IN FEET ABOVE MEAN SEA LEVEL
NORTH AMERICAN DATUM 1927
TRANSVERSE MERCATOR PROJECTION

Metres 1000 0 1000

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FELLOW

YEHINIKO LAKE PROPERTY

CLAIM MAP

LIARD MINING DIVISION, B.C.

DRAWN BY:	NTS:	DATE:	FIGURE:
B.K.	104G/11	NOVEMBER, 1990	2

avalanches are a late winter hazard. Summers are warm and dry, punctuated by active thunderstorms and accompanying sudden rainfalls.

I-3. Claims and Ownership

Toscana's Yehiniko Lake area property is comprised of four modified grid system mineral claims (Figure 2 and Table 1). The claims are registered in the name of J. Tarnowski who holds them in trust for Cascade Investments joint venture and are subject to option agreements that will enable Toscana to earn its interest.

TABLE 1. CLAIM DATA

Claim name	Record No.	Units - total		Recorded Owner	Expiry Date*
Yeti 4	7224	3N,3W	- 9 units	J. Tarnowski**	91-03-24
Yeti 5	7225	6S,3W	-18 units	J. Tarnowski**	91-03-24
Yeti 6	7226	3N,6E	-18 units	J. Tarnowski**	91-03-24
Yeti 7	7227	3S,6E	-18 units	J. Tarnowski**	91-03-24

*Data from Ministry of Mines office, Vancouver, B.C., Nov.1,1990; additional assessment work credits are pending.
**held in trust for Cascade Investments J.V.

I-4. Previous Work

Forrest Kerr's pioneering Geological Survey of Canada studies in the Stikine River area included the Yehiniko Lake area (Kerr, 1948). J.G. Souther, also of the Geological Survey of Canada, expanded and revised Kerr's work (Souther, 1971). Mssrs. Brown, Greig and Gunning of the Geological Survey Branch of British Columbia's Ministry of Energy Mines and Petroleum Resources, produced Open File 1990-1 (2 sheets), Geology and Geochemistry of the Yehiniko Lake Area, early in 1990. The latter is a 1:50,000 scale reconnaissance study of the district and is supplemented by a technical paper, Geology of the Stikine River-Yehiniko Lake Area, Northwestern British Columbia, by Brown and Greig, published in Geological Fieldwork, 1989 (Paper 1990-1).

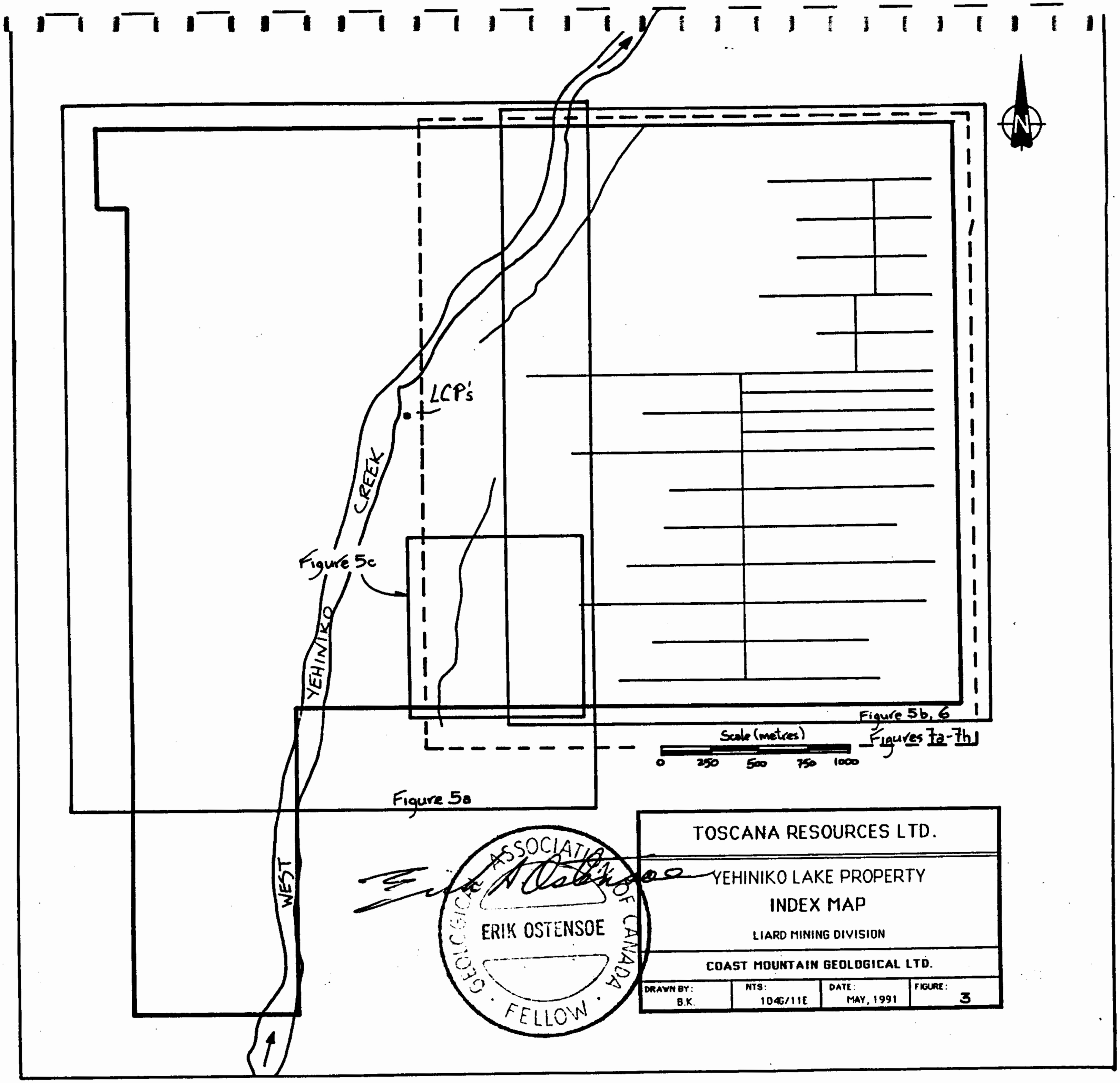
Several old claim posts are present on the Yeti 4 - 7 claims but a search of assessment work files failed to find any recorded work. The program of technical surveys completed during 1990 by Coast Mountain Geological and Quest Canada Exploration Services personnel and described in this report is the only known recent work.

I-5. 1990 Program of Work

The Yeti 4 - 7 claims were acquired by Toscana Resources Ltd. from Cascade Investments Ltd. during summer 1990. Toscana hired Coast Mountain Geological and Quest Canada Exploration Services to carry out a preliminary evaluation of the mineral potential of the claims. Work was done in the period September 19 through October 1, 1990. Crews were based at "Scud Camp", a temporary camp located 40 km south of Yehiniko Lake at the confluence of Scud and Stikine Rivers, and were transported daily to the property by helicopter.

The property evaluation included prospecting, stream sediment and soil surveys, geological mapping, chip sampling, and magnetometer geophysical surveys at cost of approximately $75,000. Figure 3 is an index map that illustrates the location of various work areas that are discussed elsewhere in this report. It shows the grid of 22 kms of measured and flagged lines that was established in the eastern portion of the the Yeti 4 - 7 claims in order to give coverage in the vicinity of the intersection of two strong fracture systems. The entire grid was soil sampled and 4.5 kms of the grid were surveyed using the IGS-2 (magnetometer and VLF-EM) instrument.

Geologists and prospectors, at times with the assistance of climbers, examined most of the accessible parts of the claims, prepared a preliminary geological map and took chip, grab, and float samples from veined and mineralized zones. Data obtained are presented and discussed in the following sections of this report.


LCP's
CREEK
YEHINIKO
WEST
Figure 5c
Figure 5b, 6
Figures 7a-7h
Figure 5a
Scale (metres)
0 250 500 750 1000
N
TOSCANA RESOURCES LTD.
YEHINIKO LAKE PROPERTY
INDEX MAP
LIARD MINING DIVISION
COAST MOUNTAIN GEOLOGICAL LTD.
DRAWN BY: B.K.
NTS: 104G/11E
DATE: MAY, 1991
FIGURE: 3
GEOLOGICAL ASSOCIATION OF CANADA
ERIK OSTENSOE
FELLOW

II-0. GEOLOGY AND GEOCHEMISTRY OF YETI 4 - 7 CLAIMS

II-1. Introduction

The Yeti 4 - 7 claims are underlain by upper Triassic age Stuhini Group hypabyssal and extrusive rocks and bedded argillic and arenaceous sedimentary rocks. Figure 4, copied from Sheet 1 of Open File 1990-1 (Brown, Greig and Gunning, op cit.), is a simplified presentation of the geology. Figures 5a, 5b and 5c are more detailed but emphatically preliminary maps of portions of the Yeti 4 - 7 claims, on which are shown the geological units and structures, and, where appropriate, rock and geochemical sample sites and copper and gold analyses. Induced coupled plasma (ICP) rock and stream sediment analyses, and assay certificates are presented in Appendix I; soil sample analyses are presented in Appendix II. Brief descriptions complete with copper, gold, silver, lead and zinc analyses of rock samples gathered by geologists and prospectors are presented in Appendix III.

II-2. Geology

The Yehiniko Lake area is situated near the east edge of the Boundary Ranges of the Coast Mountains physiographic province and immediately west of the Stikine Plateau of the Intermontane Belt. Triassic age Stuhini Group basaltic and sedimentary rocks are intruded by foliated biotite hornblende granodiorite of Nightout Pluton, also of late Triassic age. Sustut Group sedimentary rocks of late Mesozoic age are present at the north end of the lake. Dominant regional structures are north and northwesterly striking faults; bedding trends have similar alignments.

Geological Survey Branch maps show that the Nightout Pluton occupies the eastmost part of the Yeti 4 - 7 claims but its presence was not confirmed by 1990 fieldwork. The abundance of granodiorite debris found in the morainal debris and gravels of West Yehiniko Creek are witness to the presence at the headwaters of that creek of a substantial mass of Coast Intrusions.

Massive mafic flows of basaltic or even more basic composition are dominant in the eastern parts of the claims. Where sheared, this rock type is strongly serpentinous. The north central part of the property is occupied by a coarsely porphyritic augite dacite that is believed to be a hypabysssal intrusion. West of West Yehiniko Creek the contact between the volcanic and the overlying sedimentary portions of Stuhini Group strata is clearly defined.

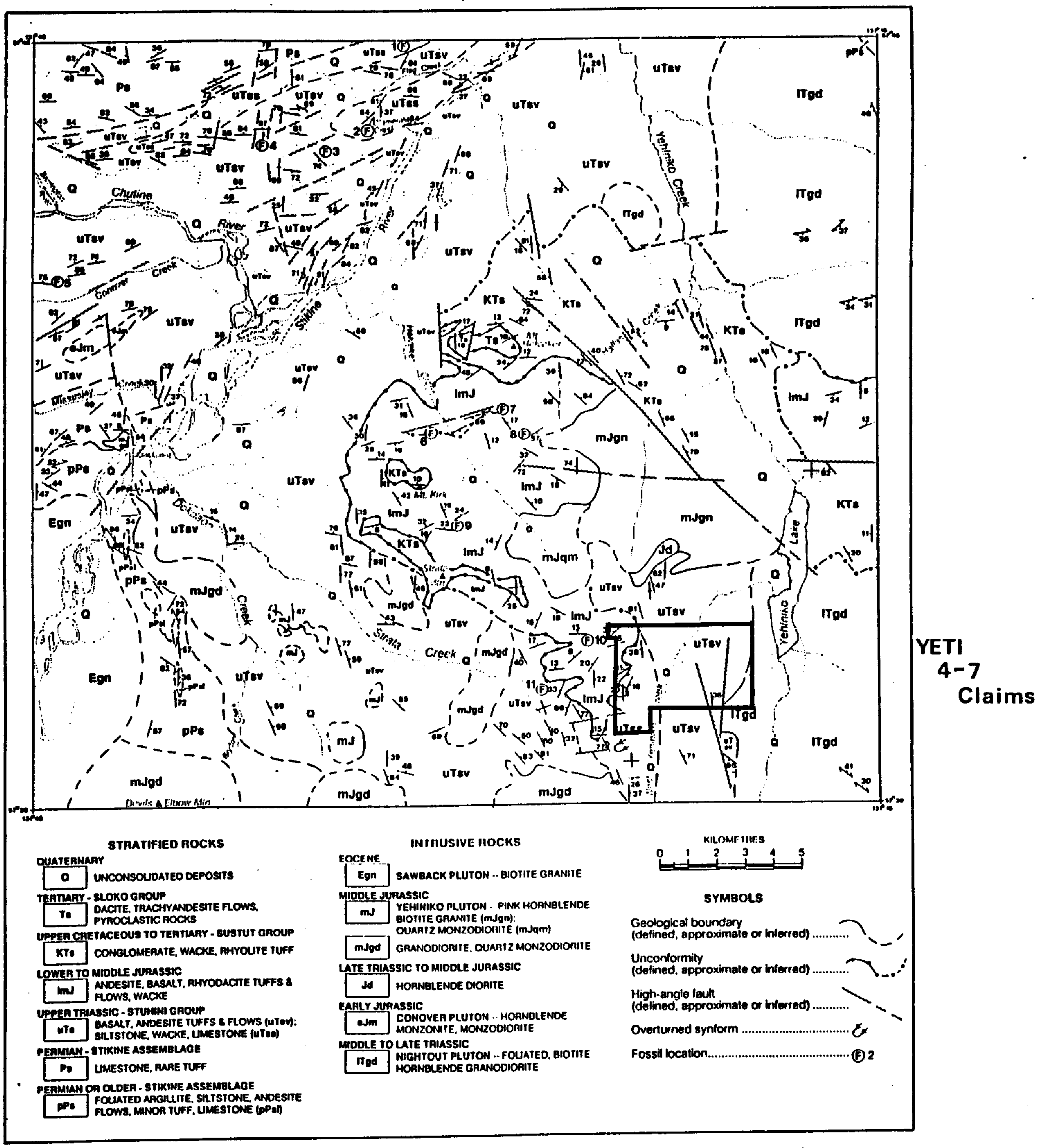


Figure 1-14-2. Simplified geology of the Stikine River – Yehiniko Lake area (104G/11W and 12E).

British Columbia Geological Survey Branch

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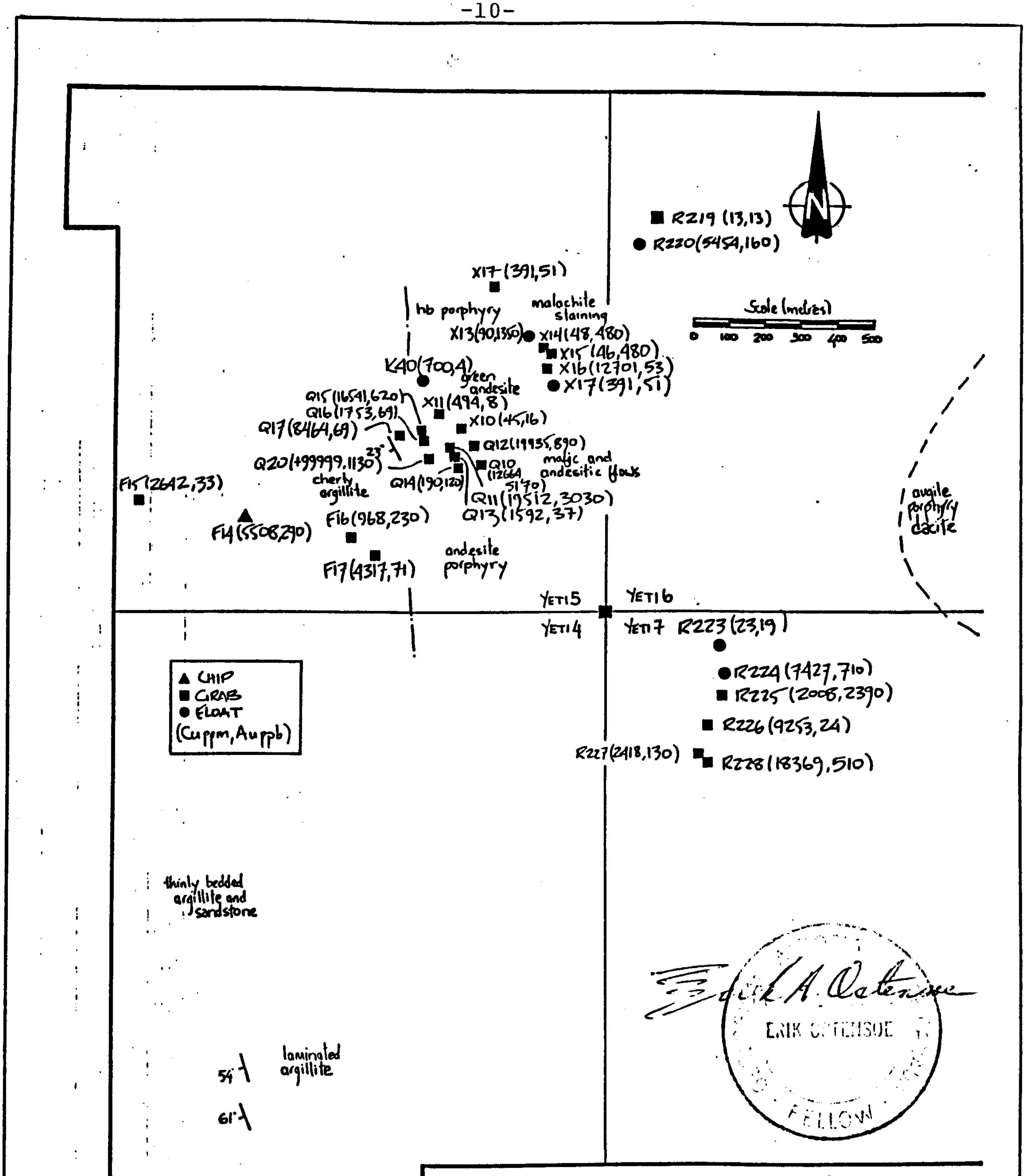
YEHINIKO LAKE PROPERTY

SIMPLIFIED GEOLOGY

(after Brown, Greig and Gunning, 1990, BCDM Open File 1990-1)

LIARD MINING DIVISION, B.C.

DRAWN BY:	NTS:	DATE:	FIGURE:
B.K.	104G/11	NOVEMBER, 1990	4



TOSCANA RESOURCES LTD.

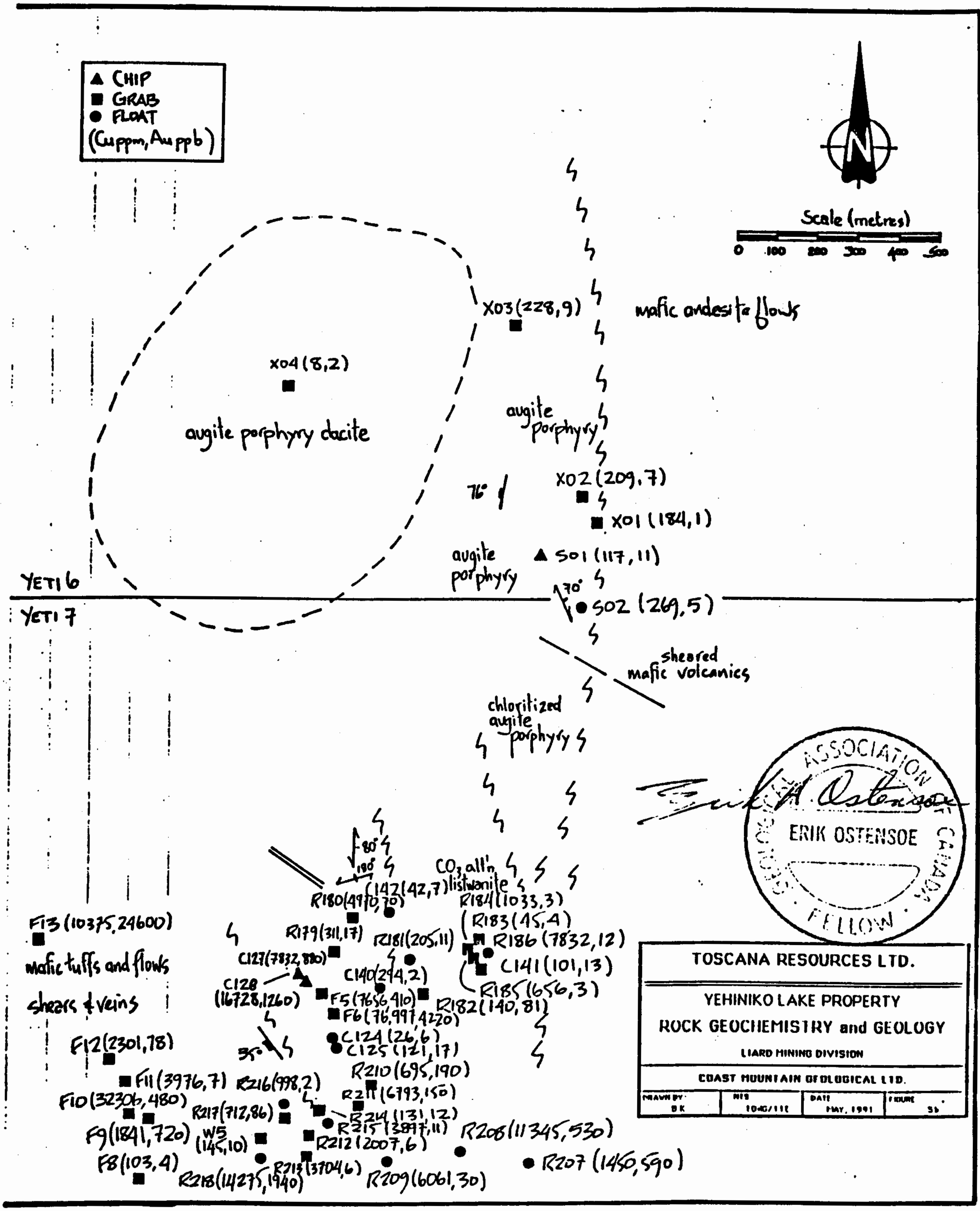
YEHINIKO LAKE PROPERTY

ROCK GEOCHEMISTRY and GEOLOGY

LIARD MINING DIVISION

COAST MOUNTAIN GEOLOGICAL LTD.

DRAWN BY:	NTS:	DATE:	FIGURE:
B.K.	104G/11E	MAY, 1991	5a


▲ CHIP
■ GRAB
● FLOAT
(Cu ppm, Au ppb)
N
Scale (metres)
0 100 200 300 400 500
X03 (228,9)
mafic andesite flows
X04 (8,2)
augite porphyry dacite
augite porphyry
X02 (209,7)
X01 (184,1)
augite porphyry
S01 (117,11)
S02 (269,5)
YETI 6
YETI 7
claim boundary
sheared mafic volcanics
chloritized augite porphyry
CO3 alt'n listwanite
R180 (4910,70)
142 (42,7)
R184 (1033,3)
R183 (45,4)
R186 (7832,12)
F13 (10375,24600)
mafic tuffs and flows
shears & veins
R179 (311,17)
R181 (205,11)
C127 (7832,880)
C128 (16728,1260)
C140 (294,2)
C141 (101,13)
R185 (656,3)
F5 (7656,410)
F6 (76,997,4220)
R182 (140,81)
C124 (26,6)
C125 (121,17)
F12 (2301,78)
R210 (695,190)
F11 (3976,7)
R216 (998,2)
R211 (6793,150)
F10 (32306,480)
R217 (712,86)
R214 (131,12)
R215 (3897,11)
R208 (11345,530)
F9 (1841,720)
W5 (145,10)
R212 (2007,6)
F8 (103,4)
R218 (14275,1940)
R213 (3704,6)
R209 (6061,30)
R207 (1450,590)
ERIK OSTENSOE
GEOLOGICAL ASSOCIATION OF CANADA
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TOSCANA RESOURCES LTD.
YEHINIKO LAKE PROPERTY
ROCK GEOCHEMISTRY and GEOLOGY
LIARD MINING DIVISION
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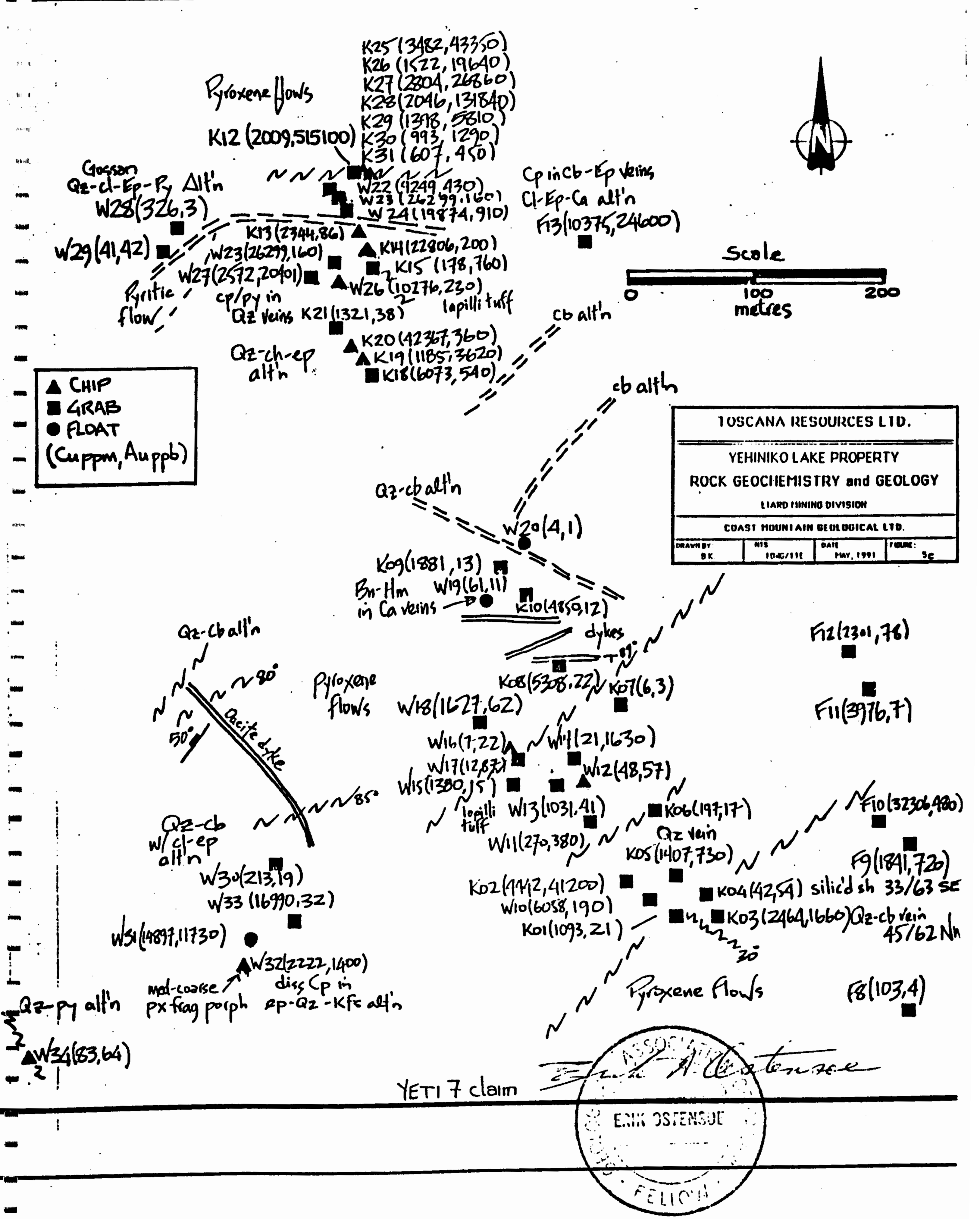
DRAWN BY: EK
NTS 104G/11E
DATE MAY, 1991
FIGURE 5b


K25 (3482, 43350)
K26 (1522, 19640)
K27 (2804, 26860)
K28 (2046, 131840)
K29 (1398, 5810)
K30 (993, 1290)
K31 (607, 450)
Pyroxene flows
K12 (2009,515100)
Gossan
Qz-cl-Ep-Py Alt'n
W28 (326,3)
W22 (9249,430)
W23 (26299,160)
W24 (19874,910)
Cp in Cb-Ep veins
Cl-Ep-Ca alt'n
F13 (10375,24600)
K13 (2344,86)
W29 (41,42)
W23 (26299,160)
K14 (22806,200)
K15 (178,760)
W27 (2572,20401)
W26 (10276,230)
Pyritic flow
cp/py in Qz veins
K21 (1321,38)
lapilli tuff
cb alt'n
Scale
0
100
200
metres
Qz-ch-ep alt'n
K20 (42367,360)
K19 (1185,3620)
K18 (6073,540)
CHIP
GRAB
FLOAT
(Cu ppm, Au ppb)
cb alt'n
TOSCANA RESOURCES LTD.
YEHINIKO LAKE PROPERTY
ROCK GEOCHEMISTRY and GEOLOGY
LIARD MINING DIVISION
COAST MOUNTAIN GEOLOGICAL LTD.
DRAWN BY: BK
NTS 104G/11E
DATE MAY, 1991
FIGURE: 5c
Qz-cb alt'n
W20 (4,1)
K09 (1881,13)
Bn-Hm in Ca veins
W19 (61,11)
K10 (4850,12)
dykes
Qz-Cb alt'n
F12 (2301,78)
K08 (5308,22)
K07 (6,3)
80°
Pyroxene flows
W18 (1627,62)
F11 (3976,7)
50°
Dacite dyke
W16 (7,22)
W14 (21,1630)
W17 (12,87)
W12 (48,57)
W15 (1380,15)
85°
lapilli tuff
W13 (1031,41)
K06 (197,17)
F10 (32306,480)
Qz-cb w/ cl-ep alt'n
W11 (270,380)
Qz vein
K05 (1407,730)
F9 (1841,720)
W30 (213,19)
W33 (16990,32)
K02 (9912,41200)
W10 (6058,190)
K04 (42,54) silic'd sh 33/63 SE
K01 (1093,21)
K03 (2464,1660) Qz-cb vein 45/62 NW
W31 (14897,11730)
30
W32 (2222,1400)
med-coarse px frag porph
diss Cp in ep-Qz-Kfs alt'n
Qz-py alt'n
Pyroxene flows
F8 (103,4)
W34 (83,64)
YETI 7 claim
ERIK OSTENSOE
FELLOW

Host rocks are pyroxene-rich volcanic flows that dip gently southwesterly and are fractured and crosscut by carbonate mineralized alteration zones. Similarly, quartz-sericite-pyrite zones in volcaniclastic rocks west of West Yehiniko Creek contain elevated amounts of gold, copper and zinc (Figure 5a). Chloritized augite porphyry flows located in the southeast part of the claims exhibit strong carbonate alteration and erratic but strongly anomalous copper and gold values (Figure 5b). Several quartz-calcite veins that contain gold, chalcopyrite and pyrite mineralization are present near the south boundary of Yeti 7 claim in an area of steep slopes (Figure 5c).

II-3. Geochemistry

716 B-horizon soil samples were taken from the grid of hip-chained and compassed lines that is shown in Figure 3 and elsewhere in this report. Soils were air dried at the base camp and packaged and shipped by air freight to Acme Analytical Laboratories in Vancouver, B. C. where they were analysed for 30 elements by the induced coupled plasma (ICP) method (Appendix II). Gold contents were determined by an acid leach/atomic absorption technique. Selected samples with elevated levels of particular metals (i.e. gold, copper, nickel, cobalt) have been analysed for platinum group metals (included in Appendix I). Not plotted T.K.

Twenty-five stream sediment samples were taken from drainages on the Yeti 4 - 7 claims and were prepared and analysed by Acme Laboratories Ltd. for 30 elements by the ICP method and for gold by acid leach/AA (Appendix I).

Prospectors and geologists sampled all mineral zones encountered in the course of their prospecting and mapping traverses. All such samples were analysed by Acme Analytical Laboratories Ltd by the ICP method. Some samples with high metal contents (particularly gold and copper) were fire assayed for gold. Locations of rock samples are plotted on Figures 5a, 5b and 5c of this report. Certificates of analysis are included in Appendix I; rock sample descriptions complete with copper, gold, silver, lead and zinc analyses, in Appendix III.

In general, soils are immature and those taken from the eastern part of the grid are contaminated by glacial moraine debris. At higher elevations some of the soils are undoubtedly a blend of glacially transported and residual locally derived materials.

The details of soil quality were recorded by the samplers at the time of sampling and such records were used for reference when the analytical results were being considered. The soil grid is illustrated in Figure 3 of this report and certificates of analysis are included in Appendix II. Table II lists mean, threshold, anomalous, and strongly anomalous, values for gold, silver, copper, lead, zinc, cobalt, nickel, and chromium, as calculated from the soils analytical data using PROBPLOT, a statistical method. Threshold is defined as a range of values that approximates the mean analysis plus two standard deviations; anomalous, the mean plus three standard deviations; and strongly anomalous, the mean plus four standard deviations. PROBPLOT also calculates the distribution of values with respect to arithmetic or log normal distribution: the latter, where present, is suggestive of the presence of more than one population and hence of mineral deposits. Further information is contained in Mr. Wilkins' report "Soil Geochemistry Statistics - Yehiniko Property".

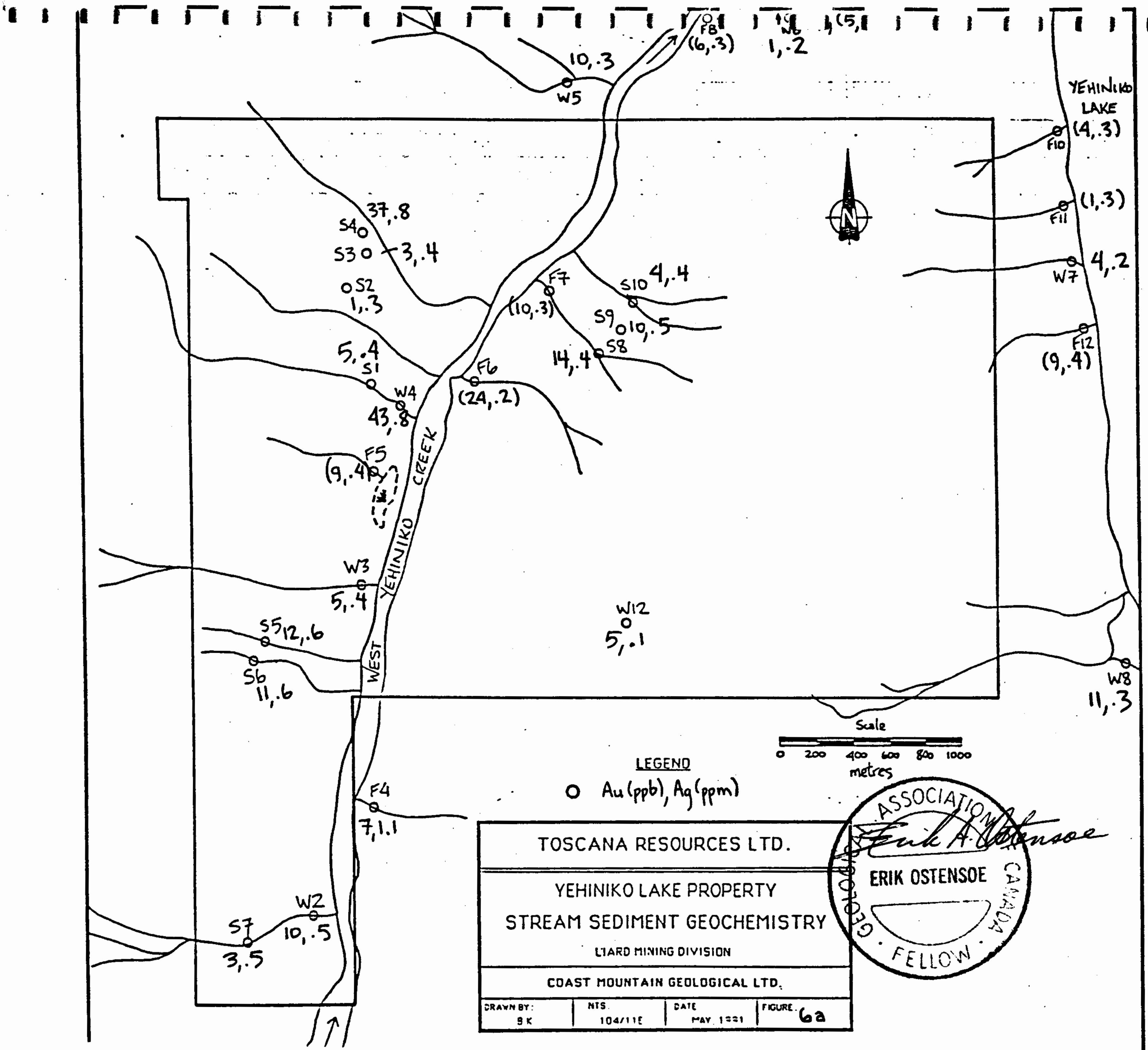
TABLE II. Statistical Summary of Anomalies

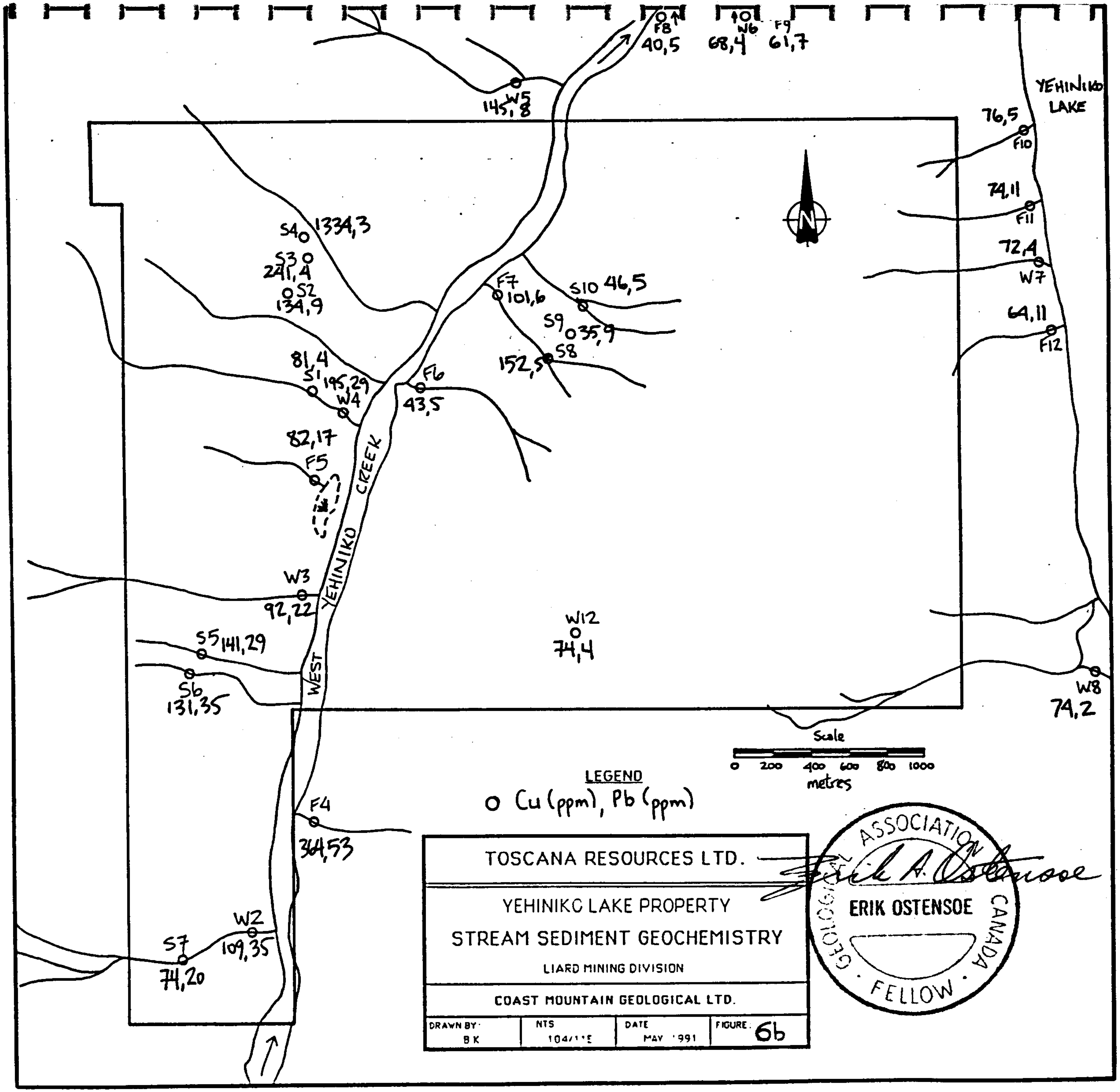
Mean (x) lognormal*	Threshold x+2s	Anomalous x+3s	Strongly Anomalous x+4s
Gold* 2 ppb	13 - 30	31 - 71	+ 72 ppb
Silver 0.3ppm	0.6 - 0.7	0.8 - 0.9	+1.0 ppm
Copper* 48 ppm	175 - 333	334 - 634	+635 ppm
Lead 7 ppm	16 - 19	20 - 24	+ 25 ppm
Zinc 64 ppm	99 - 116	117 - 134	+135 ppm
Nickel 266 ppm	594 - 757	758 - 921	+922 ppm
Cobalt 29 ppm	52 - 63	64 - 75	+ 76 ppm
Chrom'm 380ppm	801 -1012	1013 - 1222	+1223ppm

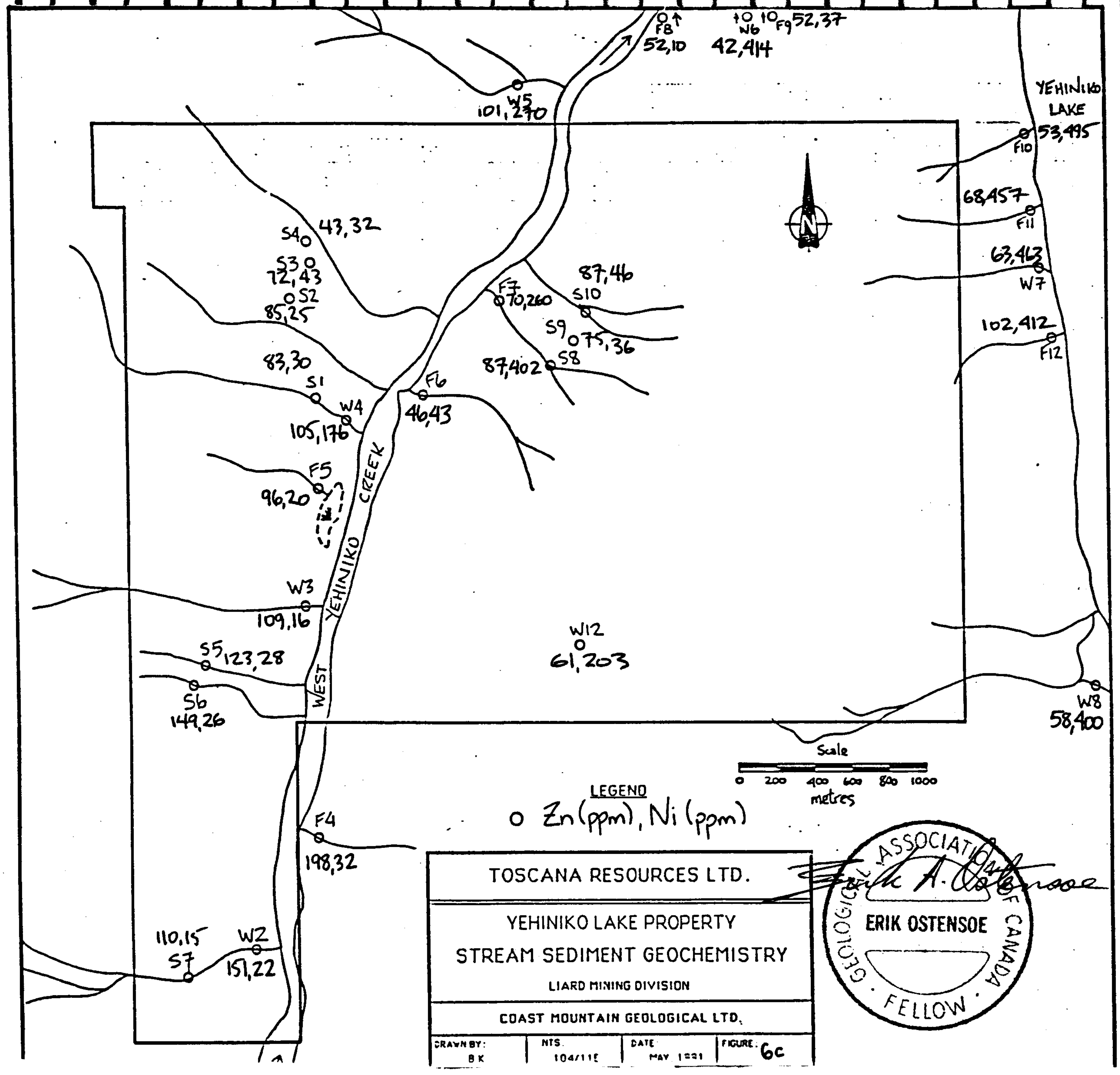
as calculated by Andrew Wilkins, B.Sc. using PROBPLOT

Twenty-five stream sediment samples were taken from drainages on the Yeti 4 - 7 claims and were analysed for 30 elements by the ICP method and for gold by acid leach/AA. Sample locations and analytical results are plotted in Figures 6a (gold, silver), 6b (copper, lead), 6c (Zn, Ni) and 6d (Co, Cr) and Certificates of Analysis are included in Appendix I.

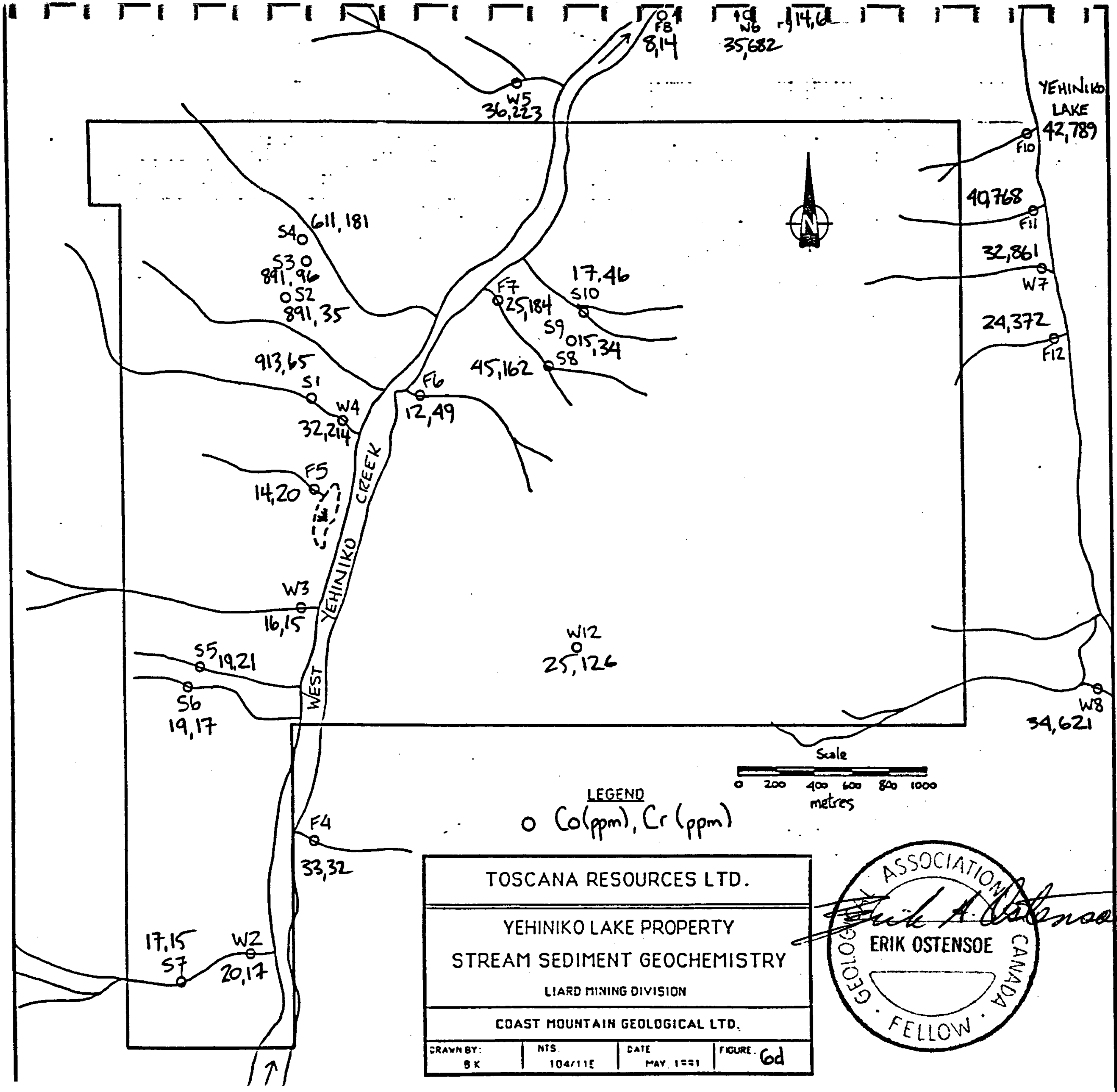
All streams that flow in the Yeti 4 - 7 claims area have very steep profiles and their annual flow patterns reflect the climate: winter flows are slight or non-existent, followed by early summer run-off flood-like conditions. Streams are frequently scoured by heavy


YEHINIKO LAKE
WEST YEHINIKO CREEK
F8 (6,.3)
1,.2
W5 10,.3
F10 (4,.3)
F11 (1,.3)
W7 4,.2
F12 (9,.4)
S4 37,.8
S3 3,.4
S2 1,.3
F7 (10,.3)
S10 4,.4
S9 10,.5
S8 14,.4
S1 5,.4
F6 (24,.2)
W4 43,.8
F5 (9,.4)
W3 5,.4
W12 5,.1
S5 12,.6
S6 11,.6
W8 11,.3
F4 7,1.1
W2 10,.5
S7 3,.5
Scale
0 200 400 600 800 1000
metres
LEGEND
Au (ppb), Ag (ppm)
TOSCANA RESOURCES LTD.
YEHINIKO LAKE PROPERTY
STREAM SEDIMENT GEOCHEMISTRY
LIARD MINING DIVISION
COAST MOUNTAIN GEOLOGICAL LTD.
DRAWN BY: SK
NTS: 104/11E
DATE: MAY 1991
FIGURE: 6a
ASSOCIATION OF GEOSCIENTISTS CANADA
ERIK OSTENSOE
FELLOW


F8
40,5
W6
68,4
F9
61,7
W5
145,8
YEHINIKO
LAKE
76,5
F10
74,11
F11
72,4
W7
64,11
F12
S4
1334,3
S3
241,4
S2
134,9
F7
101,6
S10
46,5
S9
35,9
S8
152,5
81,4
S1
195,29
W4
F6
43,5
82,17
F5
WEST YEHINIKO CREEK
W3
92,22
W12
74,4
S5
141,29
S6
131,35
W8
74,2
Scale
0 200 400 600 800 1000
metres
LEGEND
o Cu (ppm), Pb (ppm)
F4
364,53
W2
109,35
S7
74,20
TOSCANA RESOURCES LTD.
YEHINIKO LAKE PROPERTY
STREAM SEDIMENT GEOCHEMISTRY
LIARD MINING DIVISION
COAST MOUNTAIN GEOLOGICAL LTD.
DRAWN BY: BK
NTS 104/11E
DATE MAY 1991
FIGURE 6b
GEOLOGICAL ASSOCIATION CANADA
ERIK OSTENSOE
FELLOW
Erik A. Ostensoe



F8
52,10
W6
F9 52,37
42,414
W5
101,270
YEHINIKO LAKE
F10
53,495
68,457
F11
63,463
W7
102,412
F12
S4
43,32
S3
72,43
S2
85,25
83,30
S1
W4
105,176
F7
70,260
87,46
S10
S9
75,36
87,402
S8
F6
46,43
F5
96,20
W3
109,16
WEST YEHINIKO CREEK
W12
61,203
S5
123,28
S6
149,26
W8
58,400
Scale
0 200 400 600 800 1000
metres
LEGEND
o Zn(ppm), Ni (ppm)
F4
198,32
110,15
S7
W2
151,22
TOSCANA RESOURCES LTD.
YEHINIKO LAKE PROPERTY
STREAM SEDIMENT GEOCHEMISTRY
LIARD MINING DIVISION
COAST MOUNTAIN GEOLOGICAL LTD.
DRAWN BY: BK
NTS: 104/11E
DATE: MAY 1991
FIGURE: 6c
GEOLOGICAL ASSOCIATION OF CANADA
ERIK OSTENSOE
FELLOW



TOSCANA RESOURCES LTD.

YEHINIKO LAKE PROPERTY
STREAM SEDIMENT GEOCHEMISTRY
LIARD MINING DIVISION

COAST MOUNTAIN GEOLOGICAL LTD.

DRAWN BY:	NTS	DATE	FIGURE
B K	104/11E	MAY 1991	6d

flows that leave only small amounts of fine material in the channels. Consequently, stream sediments are immature and samplers sometimes had difficulty finding sufficient volumes to comprise adequate samples. Streams west of West Yehiniko Creek rise at high elevation and their sediments partially represent rocks from adjoining mineral claims.

Figures 7a through 7h display the locations of soil samples that contain anomalous and strongly anomalous amounts of various metals. At the client's request, seven soil samples that returned anomalous analyses for nickel and cobalt were analysed by Acme Analytical Laboratories Ltd. for precious metals (Au, Pt, Pd, Rh) by a fire assay method. Several possibly anomalous palladium values, between 23 and 36 ppb, were obtained but the number of samples was too small to be indicative of potential. The assay certificate is included with Appendix I of this report.

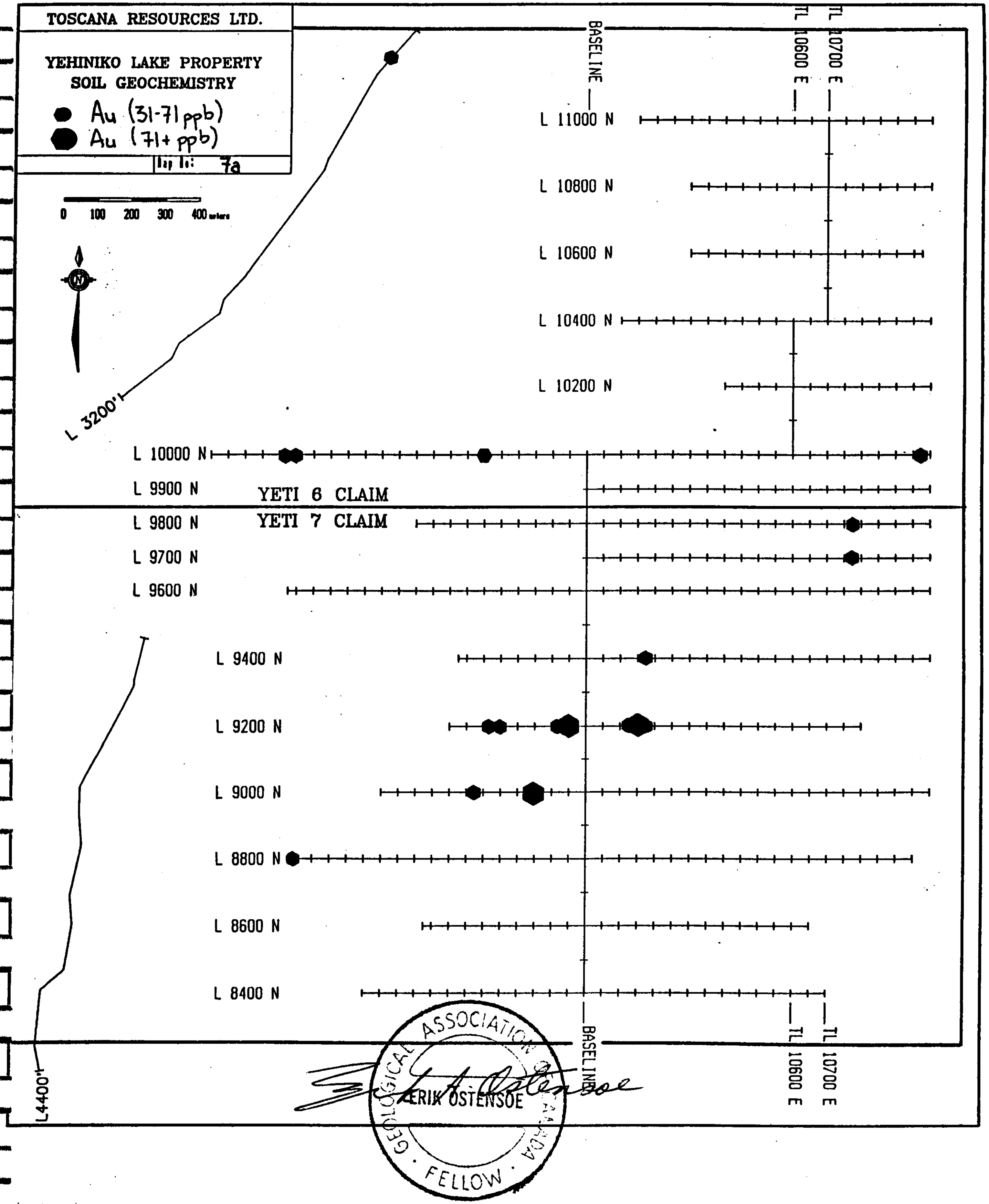
III-0 GEOPHYSICAL SURVEYS OF YETI 4 - 7 CLAIMS

III-1. Introduction

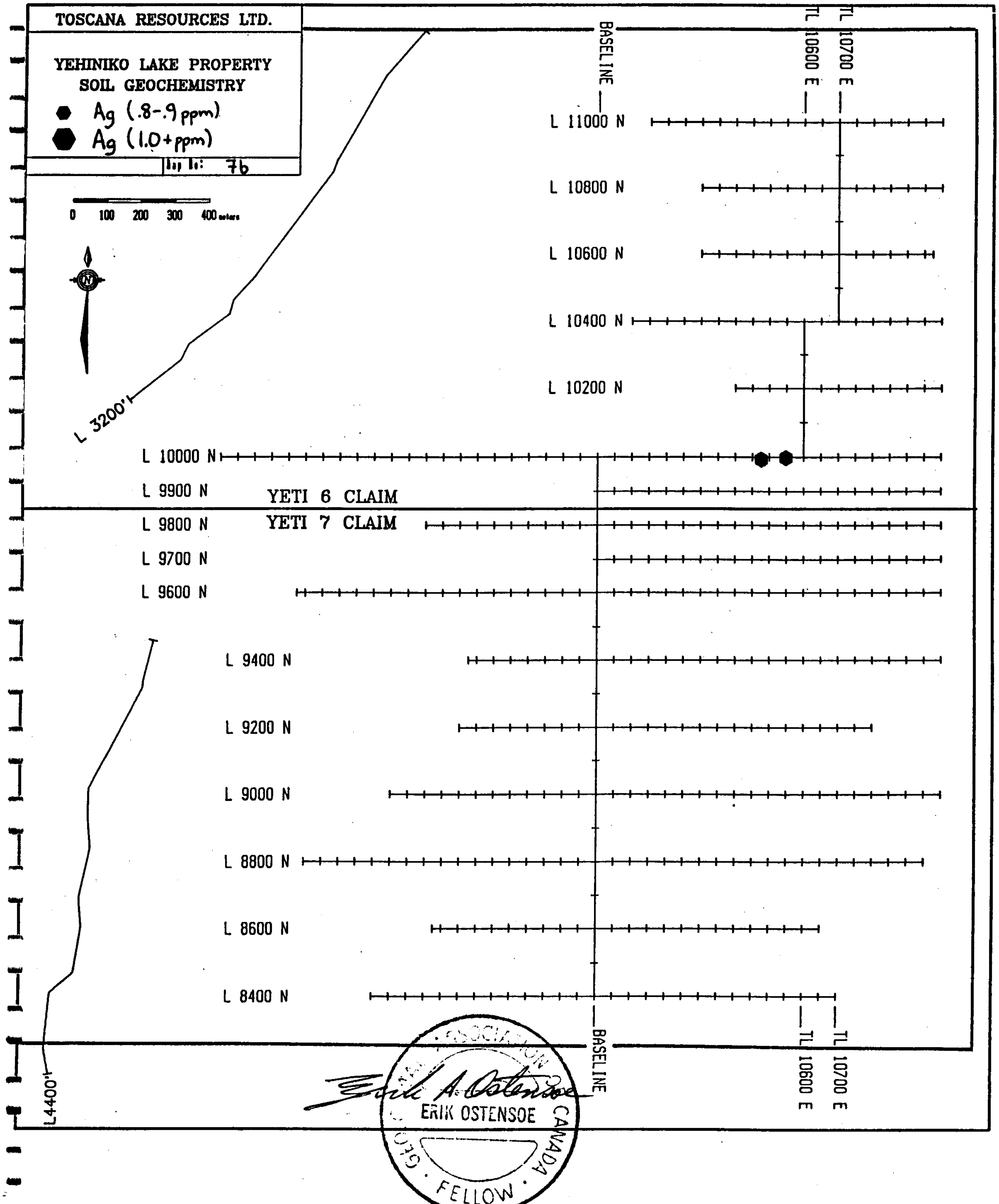
The preliminary program of work on the Yeti 4 - 7 claims during September 1990 included reconnaissance geophysical surveying of the grid of soil lines that was established in the eastern part of the property. 4.5 kms of the grid were surveyed prior to the onset of winter conditions that precluded its completion.

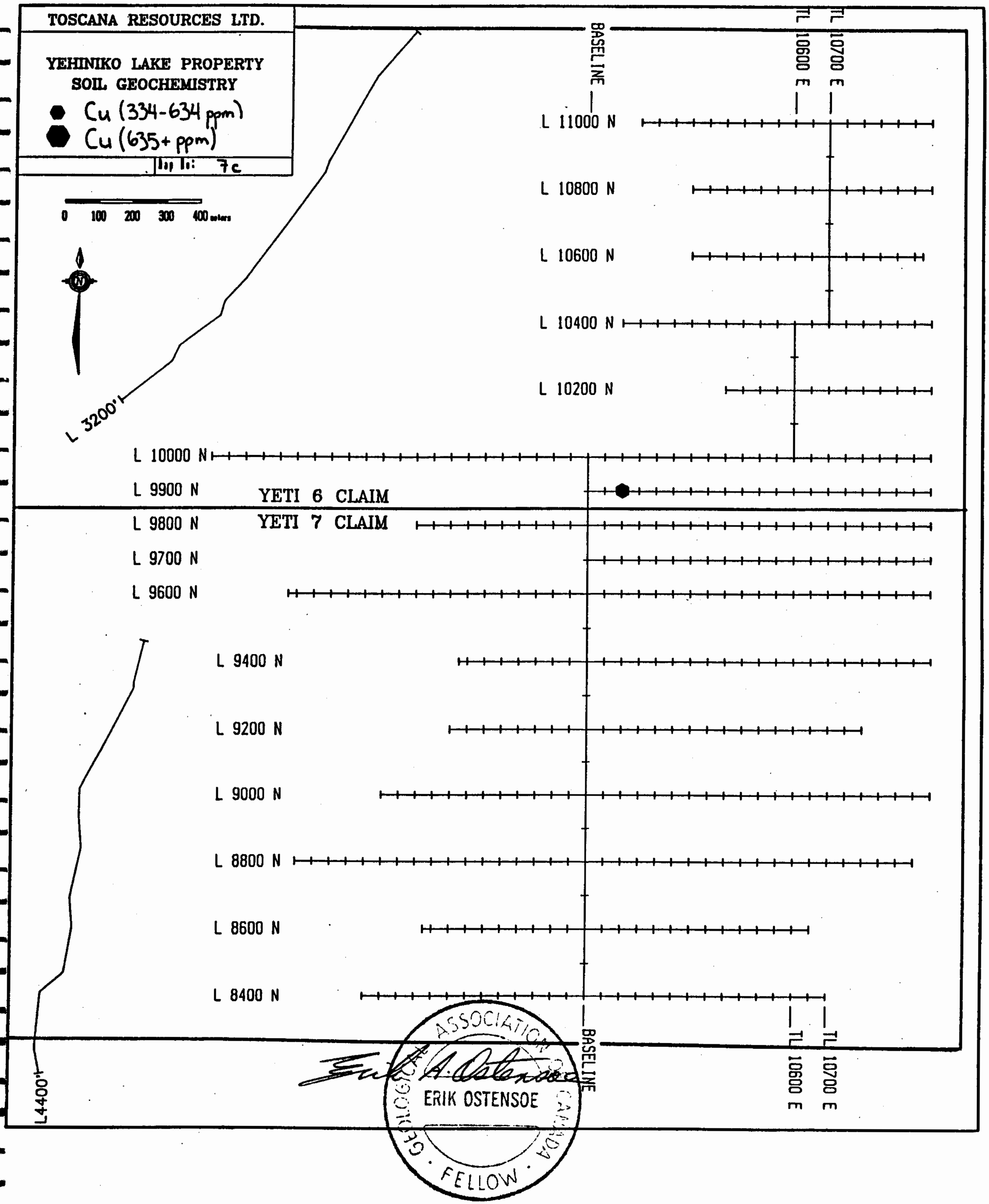
The IGS-2 instrument employed in the survey is a portable micro-processor-based system with built in solid state memory: its function combines a magnetometer and a very low frequency electromagnetic meter. The magnetometer has a total field sensor with resolution of 0.1 gamma and absolute accuracy of 1 gamma at 50,000 gamma total field strength. A compatible recording base station magnetometer was operated at the Scud River camp during the course of the field survey so that a diurnal correction could be applied to the field data. Figure 8 is a profile map that illustrates the corrected magnetic response obtained; the VLF-EM data obtained was not satisfactory due to sensor malfunction and is not presented.

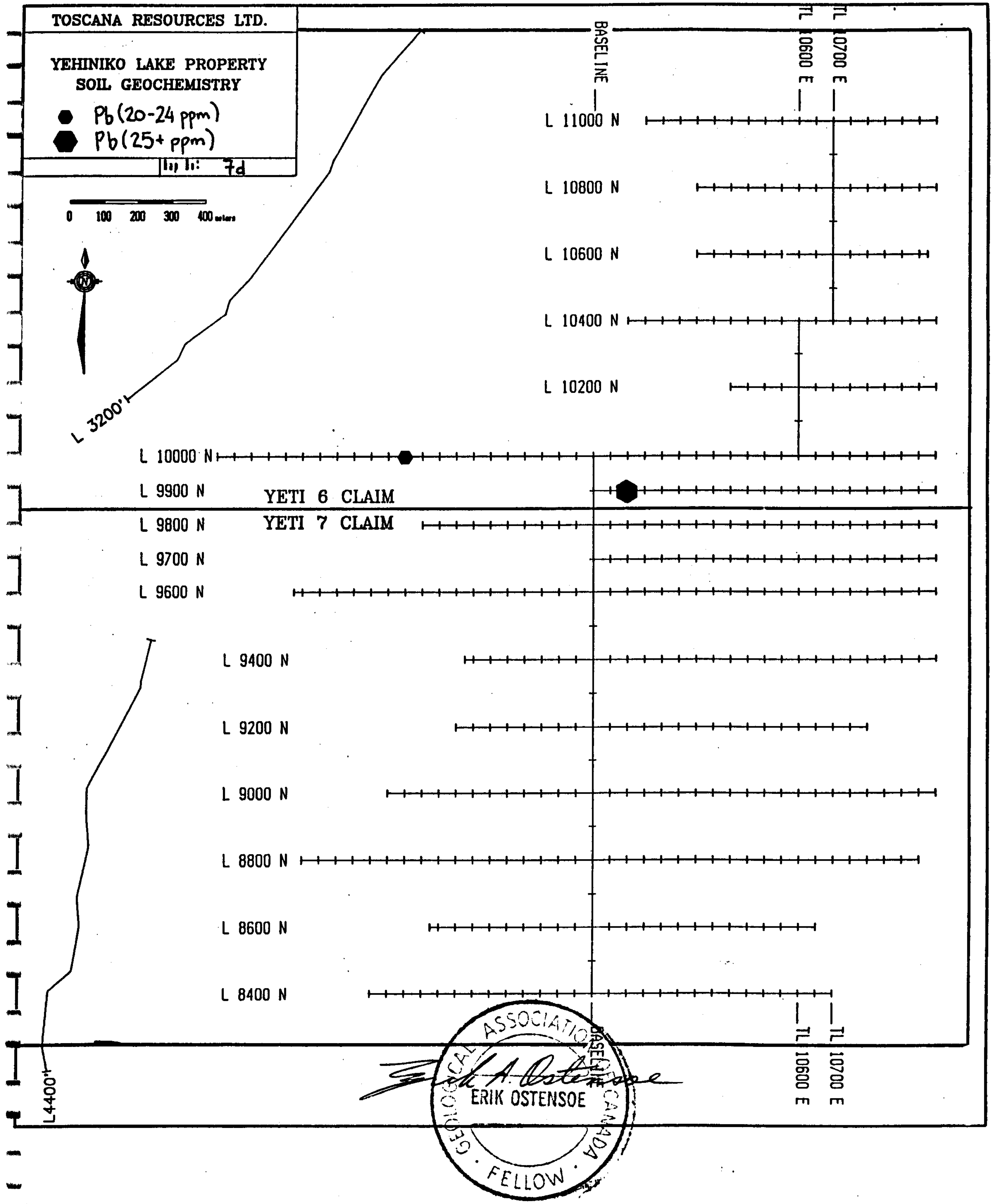
The survey grid shown in Figure 8 was configured to cover two strong fractures with strikes of 347 degrees and 002 degrees that were reported by Brown, et al. in GSB Open File 1990-1.

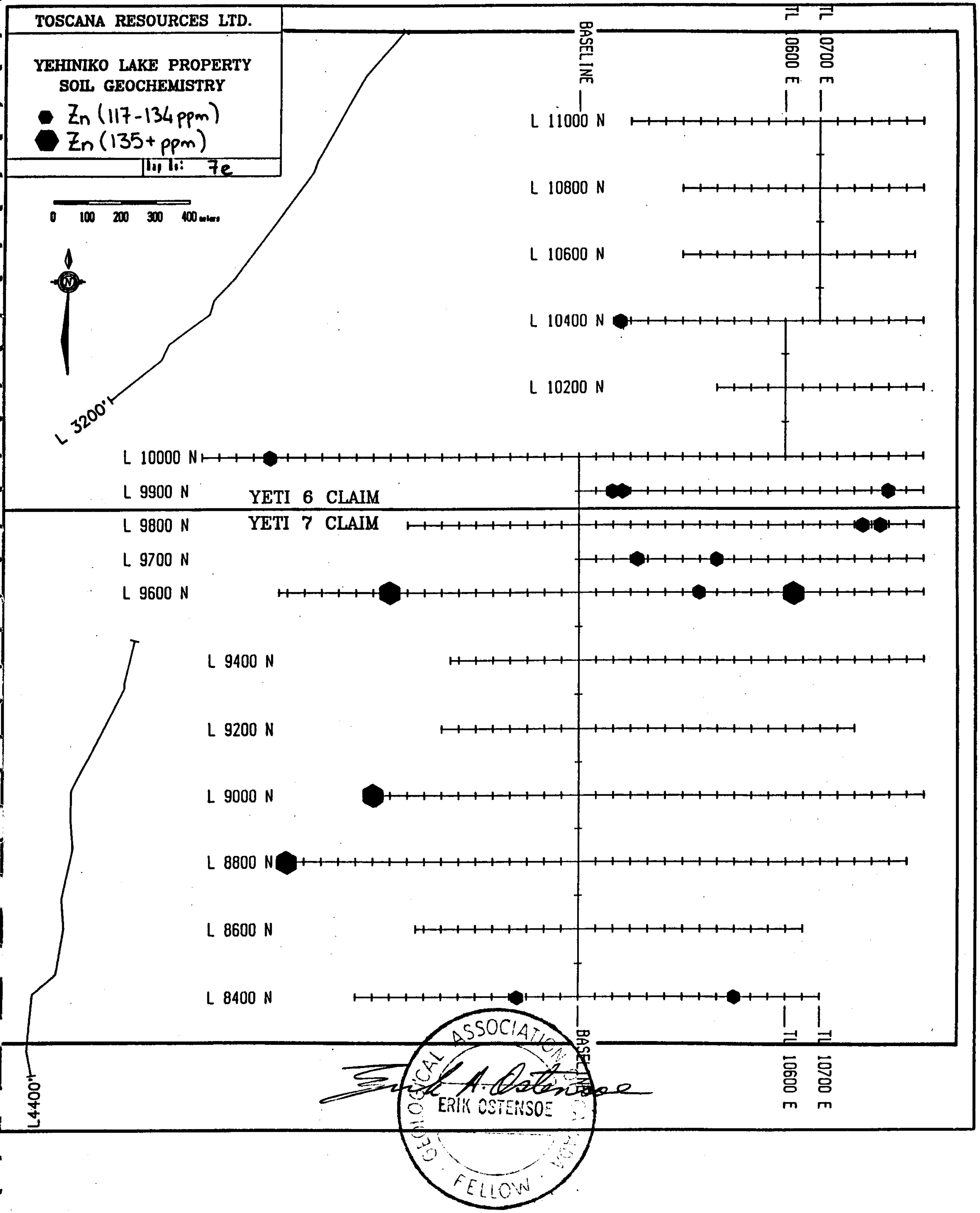


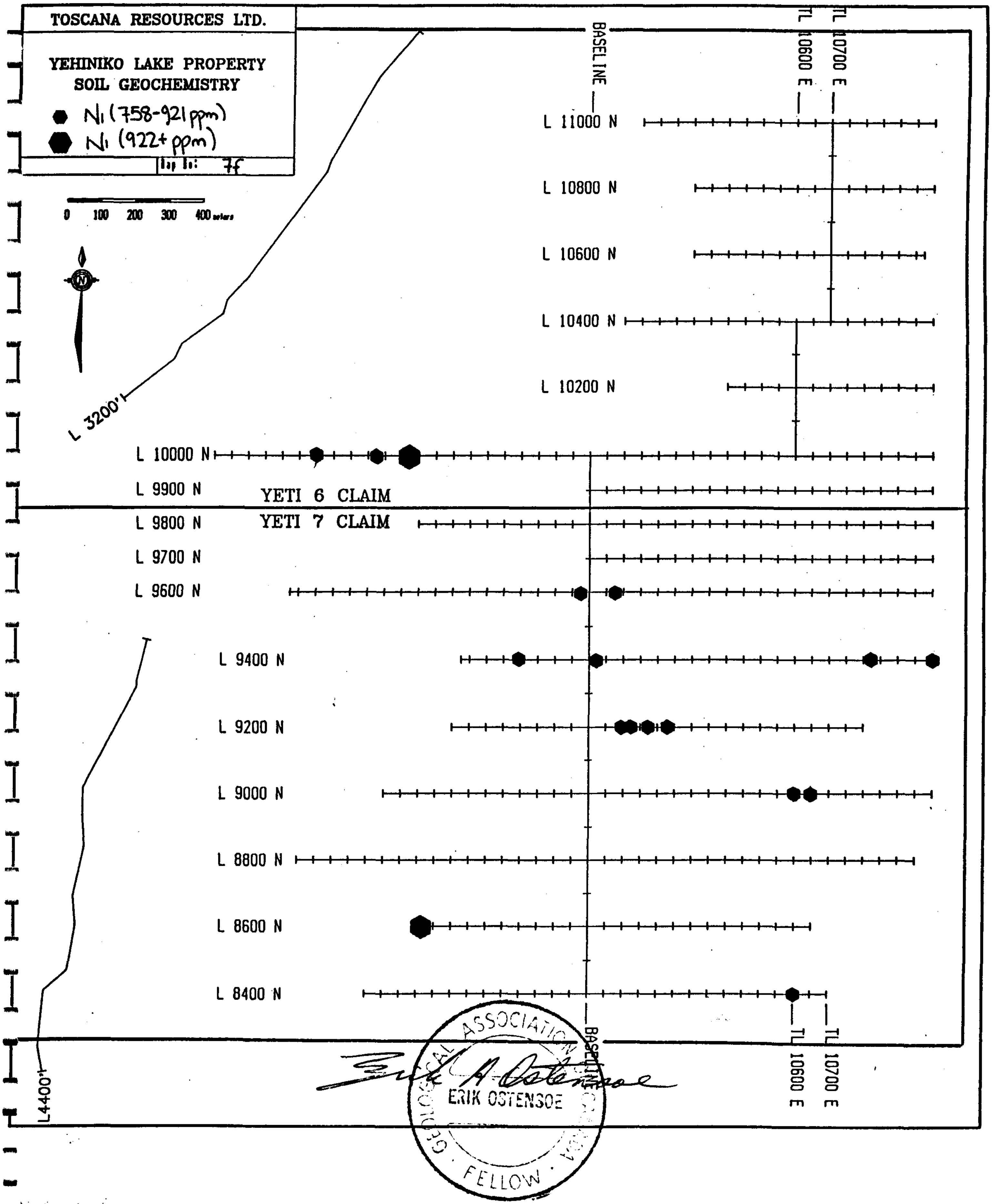
TOSCANA RESOURCES LTD.
YEHINIKO LAKE PROPERTY
SOIL GEOCHEMISTRY
Au (31-71 ppb)
Au (71+ ppb)
7a
0 100 200 300 400
N
BASELINE
TL 10600 E
TL 10700 E
L 11000 N
L 10800 N
L 10600 N
L 10400 N
L 10200 N
L 3200'
L 10000 N
L 9900 N
YETI 6 CLAIM
YETI 7 CLAIM
L 9800 N
L 9700 N
L 9600 N
L 9400 N
L 9200 N
L 9000 N
L 8800 N
L 8600 N
L 8400 N
L4400'
GEOLOGICAL ASSOCIATION OF CANADA
ERIK OSTENSOE
FELLOW


TOSCANA RESOURCES LTD.
YEHINIKO LAKE PROPERTY
SOIL GEOCHEMISTRY
Ag (.8-.9 ppm)
Ag (1.0+ppm)
76
0 100 200 300 400
N
BASELINE
TL 10600 E
TL 10700 E
L 11000 N
L 10800 N
L 10600 N
L 10400 N
L 10200 N
L 3200'
L 10000 N
L 9900 N
YETI 6 CLAIM
YETI 7 CLAIM
L 9800 N
L 9700 N
L 9600 N
L 9400 N
L 9200 N
L 9000 N
L 8800 N
L 8600 N
L 8400 N
L4400'
ERIK OSTENSOE
CANADA
FELLOW


TOSCANA RESOURCES LTD.
YEHINIKO LAKE PROPERTY
SOIL GEOCHEMISTRY
Cu (334-634 ppm)
Cu (635+ ppm)
7c
0 100 200 300 400 meters
N
BASELINE
TL 10600 E
TL 10700 E
L 11000 N
L 10800 N
L 10600 N
L 10400 N
L 10200 N
L 3200'
L 10000 N
L 9900 N
YETI 6 CLAIM
YETI 7 CLAIM
L 9800 N
L 9700 N
L 9600 N
L 9400 N
L 9200 N
L 9000 N
L 8800 N
L 8600 N
L 8400 N
L4400'
ASSOCIATION
GEOLOGICAL
CANADA
ERIK OSTENSOE
FELLOW


TOSCANA RESOURCES LTD.
YEHINIKO LAKE PROPERTY
SOIL GEOCHEMISTRY
Pb (20-24 ppm)
Pb (25+ ppm)
7d
0 100 200 300 400 meters
BASELINE
TL 10600 E
TL 10700 E
L 11000 N
L 10800 N
L 10600 N
L 10400 N
L 10200 N
L 3200'
L 10000 N
L 9900 N
YETI 6 CLAIM
YETI 7 CLAIM
L 9800 N
L 9700 N
L 9600 N
L 9400 N
L 9200 N
L 9000 N
L 8800 N
L 8600 N
L 8400 N
L4400'
BASELINE
TL 10600 E
TL 10700 E
GEOLOGICAL ASSOCIATION CANADA
ERIK OSTENSOE
FELLOW


TOSCANA RESOURCES LTD.
YEHINIKO LAKE PROPERTY
SOIL GEOCHEMISTRY
Zn (117-134 ppm)
Zn (135+ ppm)
7e
0 100 200 300 400
BASELINE
TL 10600 E
TL 10700 E
L 11000 N
L 10800 N
L 10600 N
L 10400 N
L 10200 N
L 3200'
L 10000 N
L 9900 N
YETI 6 CLAIM
L 9800 N
YETI 7 CLAIM
L 9700 N
L 9600 N
L 9400 N
L 9200 N
L 9000 N
L 8800 N
L 8600 N
L 8400 N
L4400'
ERIK OSTENSOE
GEOLOGICAL ASSOCIATION
FELLOW


TOSCANA RESOURCES LTD.
YEHINIKO LAKE PROPERTY
SOIL GEOCHEMISTRY
Ni (758-921 ppm)
Ni (922+ ppm)
0 100 200 300 400
BASELINE
TL 10600 E
TL 10700 E
L 11000 N
L 10800 N
L 10600 N
L 10400 N
L 10200 N
L 3200'
L 10000 N
L 9900 N
YETI 6 CLAIM
L 9800 N
YETI 7 CLAIM
L 9700 N
L 9600 N
L 9400 N
L 9200 N
L 9000 N
L 8800 N
L 8600 N
L 8400 N
L4400'
ERIK OSTENSOE
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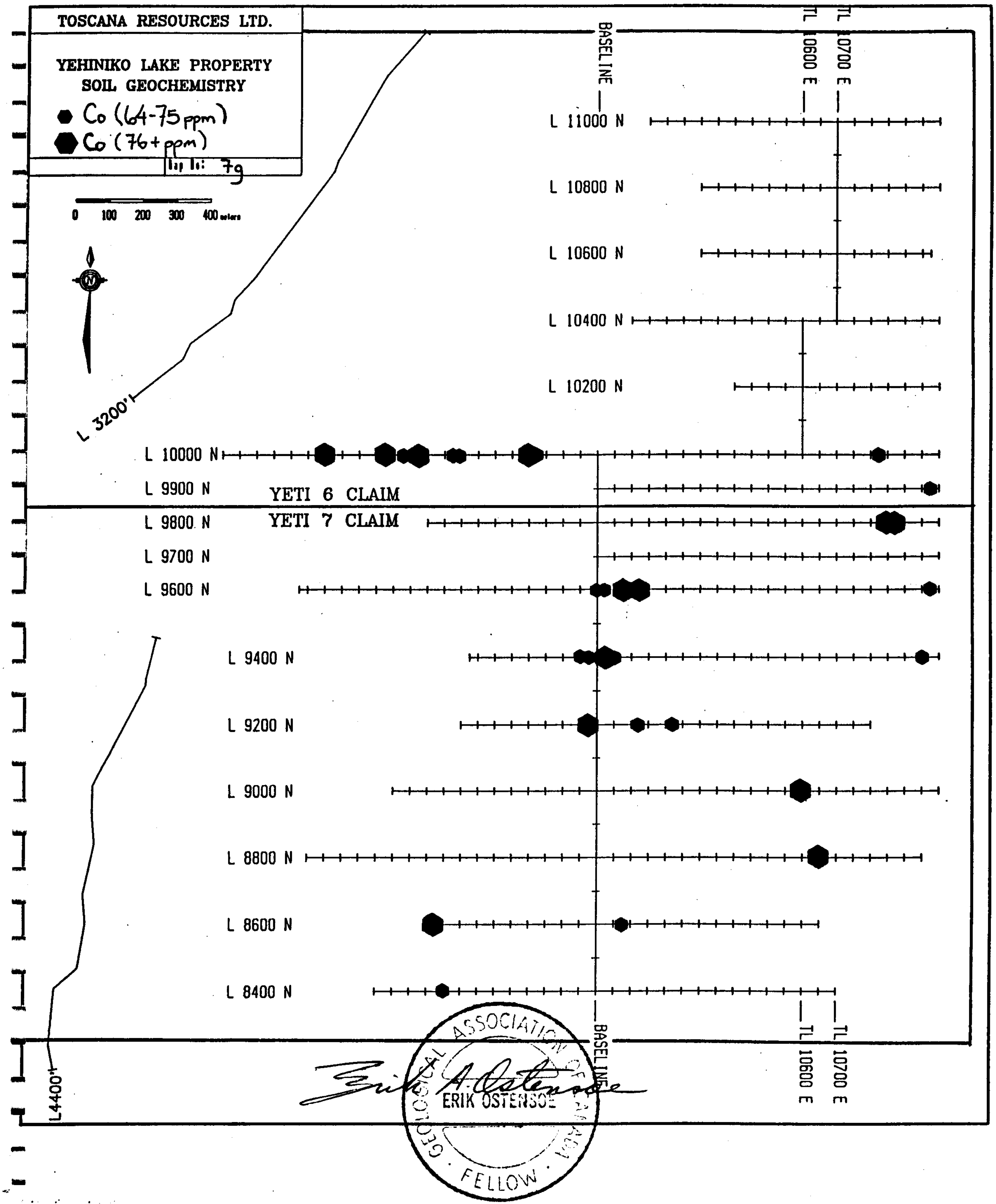
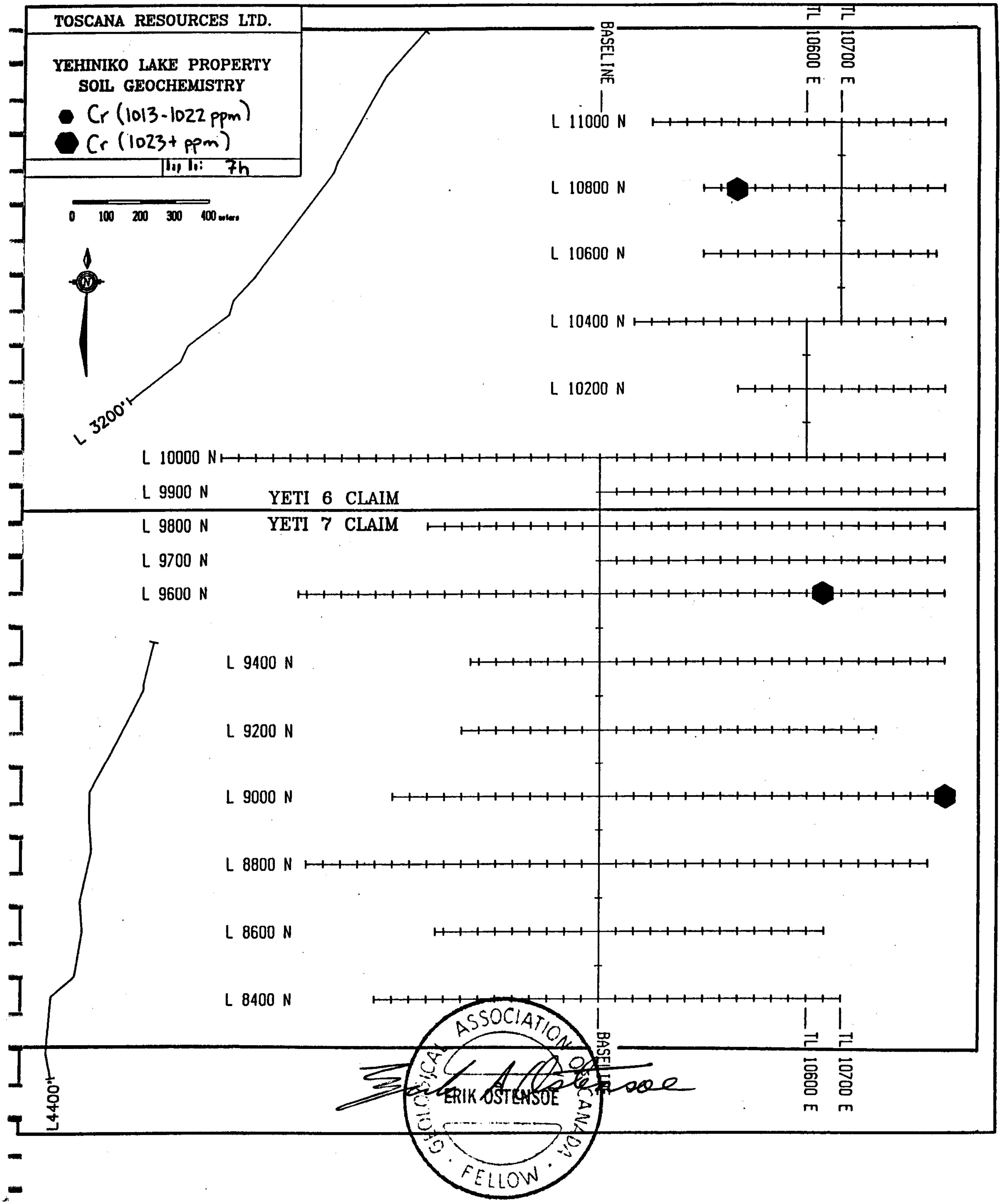
FELLOW


TOSCANA RESOURCES LTD.
YEHINIKO LAKE PROPERTY
SOIL GEOCHEMISTRY
Co (64-75 ppm)
Co (76+ ppm)
Map No: 7g
0 100 200 300 400 meters
BASELINE
TL 10600 E
TL 10700 E
L 11000 N
L 10800 N
L 10600 N
L 10400 N
L 10200 N
L 3200'
L 10000 N
L 9900 N
YETI 6 CLAIM
YETI 7 CLAIM
L 9800 N
L 9700 N
L 9600 N
L 9400 N
L 9200 N
L 9000 N
L 8800 N
L 8600 N
L 8400 N
L4400'
ERIK OSTENSOE
ASSOCIATION
FELLOW



TOSCANA RESOURCES LTD.
YEHINIKO LAKE PROPERTY
SOIL GEOCHEMISTRY
Cr (1013-1022 ppm)
Cr (1023+ ppm)
0 100 200 300 400
BASELINE
TL 10600 E
TL 10700 E
L 11000 N
L 10800 N
L 10600 N
L 10400 N
L 10200 N
L 3200'
L 10000 N
L 9900 N
YETI 6 CLAIM
YETI 7 CLAIM
L 9800 N
L 9700 N
L 9600 N
L 9400 N
L 9200 N
L 9000 N
L 8800 N
L 8600 N
L 8400 N
L4400'
ASSOCIATION OF GEOLOGICAL CANADA
ERIK OSTENSOE
FELLOW

III-2. Magnetometer Survey

Total field magnetic data obtained from a survey of a small part of the grid is illustrated in profile in Figure 8 of this report. The magnetic survey coverage is insufficient to enable an elaborate interpretation and the following comments do not have the benefit of any analysis by a geophysicist.

Two parallel magnetic "troughs" located west of the baseline, marked 'A' in figure 8, may represent the high angle fault mapped in that approximate position by Brown and Gunning (op. cit.) and shown in Figure 4 of this report. Several strong but narrow fractured zones were found in this area by geological reconnaissance and it is inferred that the magnetic response reflects those or similar features.

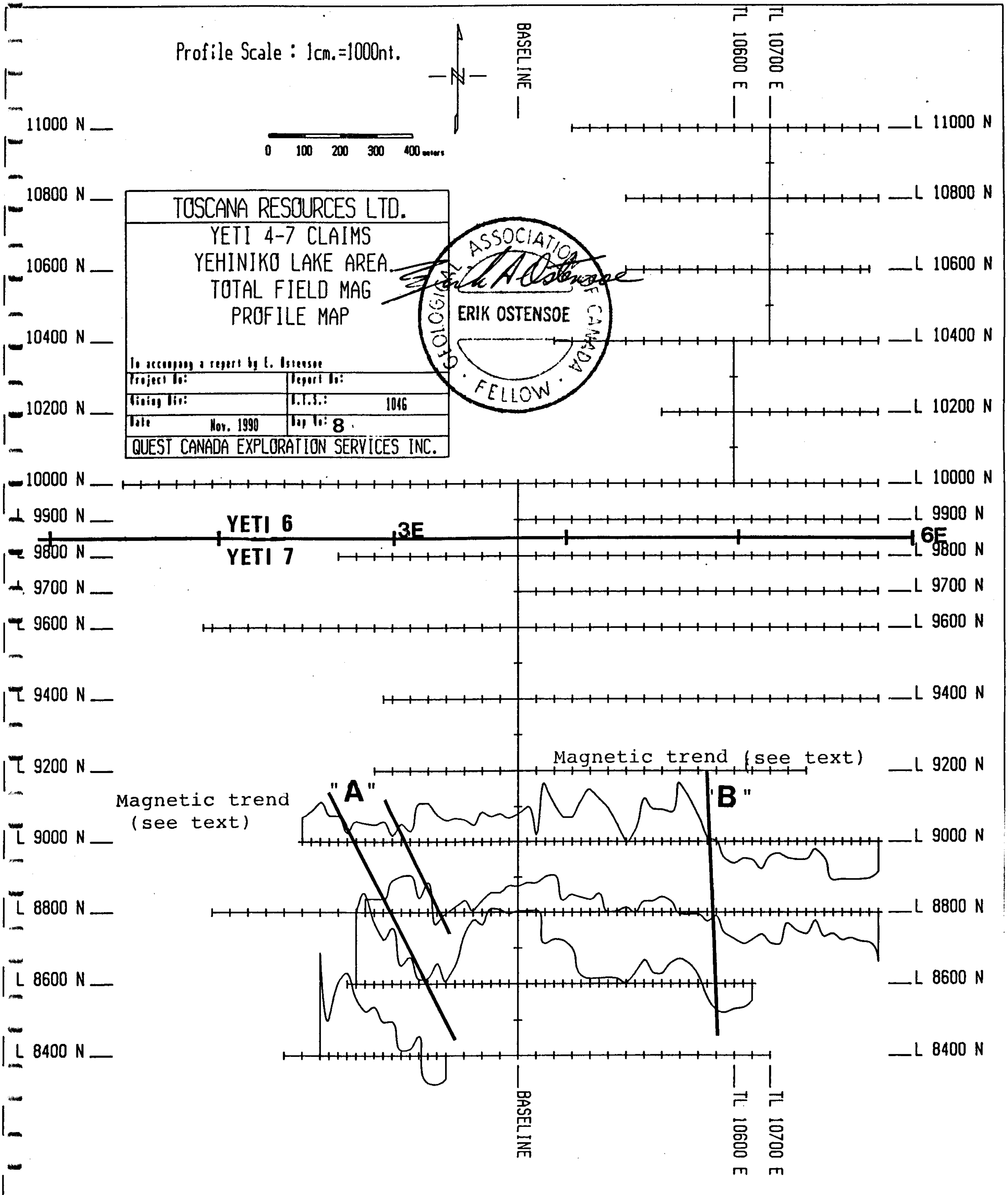
Structure "B" shown in Figure 8 is a sharply defined magnetic gradient present near 10600E on grid lines 8600N, 8800N, and 9000N. This may be a high angle fault structure corresponding to that noted by Brown and Gunning (op cit). Contrasting magnetic patterns are suggestive of a lithologic contact but preliminary geological work did not find any bedrock outcrops east of the position of the inferred contact and that possiblility could not be checked in the field. GSB maps (Open File 1990-1, Brown, et al. op cit.) record Nightout Pluton hornblende granodiorite in this area which would be consistent with the observed lower magnetic susceptibility observed east of structure "B".

IV-0. MINERAL POTENTIAL OF THE YETI 4 - 7 CLAIMS

Prospecting, geological mapping, geochemical data and geophysical surveys have partially explored the mineral potential of the Yeti 4 - 7 claims. Two areas of particular interest have been identified:

(1) Yeti 7 Claim near south boundary

Prospectors and geologists found comb-structured quartz veins with pyrite and coarse grained chalcopyrite in several locations on Yeti 7 claim near the boundary with Yeti 4 claim. The occurrences are distributed in an area with dimensions approximately 650 metres by 600 metres (see Figure 5c).



Profile Scale : 1cm.=1000nt.
N
0 100 200 300 400 meters
TOSCANA RESOURCES LTD.
YETI 4-7 CLAIMS
YEHINIKO LAKE AREA
TOTAL FIELD MAG
PROFILE MAP
To accompany a report by E. Ostensoe
Project No:
Report No:
Mining Div:
N.T.S.: 104G
Date Nov. 1990
Map No: 8
QUEST CANADA EXPLORATION SERVICES INC.
GEOLOGICAL ASSOCIATION OF CANADA
ERIK OSTENSOE
FELLOW
BASELINE
TL 10600 E
TL 10700 E
11000 N
10800 N
10600 N
10400 N
10200 N
10000 N
L 9900 N
L 9800 N
L 9700 N
L 9600 N
L 9400 N
L 9200 N
L 9000 N
L 8800 N
L 8600 N
L 8400 N
L 11000 N
L 10800 N
L 10600 N
L 10400 N
L 10200 N
L 10000 N
YETI 6
YETI 7
3E
6E
Magnetic trend (see text)
Magnetic trend (see text)
"A"
"B"

Host rocks are diorite and dioritic and volcaniclastic flows that have been strongly fractured but only moderately sheared. Feldspathic and calcareous alteration is present along fractures and combed and brecciated quartz veins with widths of 0.3 to 1.0 metres occupy the same structures. Chalcopyrite, sphalerite, and pyrite are the most prominent sulphides. Native gold was observed on a slabbed surface of a specimen from the same site as sample 90G-25-K12. The latter, which is a grab sample, returned 515,100 ppb (or approximately 15 opt) by acid leach\AA determination but was not fire assayed. Sample 90G-25-K28, another grab sample from the same general area, returned 131,840 ppb gold by acid leach/AA, and 4.366 opt by fire assay determination. No check assays were taken because assays were received in the field after the onset of winter conditions that precluded further work in that part of the property. Short descriptions of several of the samples that returned high gold, silver, zinc and copper analyses are given below:

sample 90G-25-K02 - grab sample from 1 metre wide intensely fractured and chloritized quartz-carbonate vein: 41,200 ppb gold, 4.3 ppm silver, 4442 ppm copper

sample 90G-25-K12 - grab sample from 0.15 metre wide intensely fractured quartz-carbonate vein hosted by a limonitic flow: 515,100 ppb gold, 697.2 ppm silver, 27,244 ppm zinc

sample 90G-25-K14 - grab sample from 1 metre wide fracture zone that contains limonite and intense copper and manganese staining: 200 ppb gold, 38.2 ppm silver, 22,800 ppm copper.

These results are thought to be strongly encouraging, especially considering the preliminary nature of investigations, and more detailed work, including drilling and blasting to expose structures and less weathered bedrock, is fully warranted by the data already obtained. Best results were obtained from the more accessible northernmost exposures but there is no evidence that the mineral potential varies in the entire 600 metre long zone.

(2) West of West Yehiniko Creek

Mineral zones were found on the steep slopes west of West Yehiniko Creek. The most significant is the area of quartz-sericite-pyrite alteration at elevation 1100 metres on Yeti 5 claim where selected samples yielded analyses as follows:

sample 90G-25-Q10 - grab sample from 2 metre wide zone of malachite and sulphide minerals in epidotic andesitic volcanic rocks: 5170 ppb gold, 14.2 ppm silver, 12,664 ppm copper,

sample 90G-25-Q11 - grab sample from 20 cm wide zone of malachite staining with sulphide minerals hosted by rocks similar to sample 90G-25-Q10: 3030 ppb gold, 14.3 ppm silver, 19,512 ppm copper

sample 90G-25-Q12 - grab sample from 50 cm wide zone similar to sample 90G-25-Q10: 890 ppb gold, 12.1 ppm silver, 19,935 ppm copper

sample 90G-25-Q20 - grab sample from 30 cm wide zone of massive chalcopyrite in pod-like structures with quartz veining and potassic feldspar and epidotic alteration: 1130 ppb gold, 103.1 ppm silver, >99,999 ppm copper

sample 90G-25-X16 - grab sample from 25 cm wide zone of carbonate veinlets with malachite, pyrite and chalcopyrite hosted by chloritic and epidotic volcanic formation: 53 ppb gold, 3.8 ppm silver, 12,701 ppm copper.

Several other samples returned high metal values and it is apparent that additional prospecting and sampling will be required to determine the extent of alteration/mineralization in the area. Also it will be important to return to the sites of the above listed grab samples and obtain representative chip samples of the mineral zones. A portable rock drill and explosives may be required to ensure that accurate sampling is carried out.

(3) Other Areas of Interest

Other areas of interest that require further investigation include a zone of listwanite-like alteration located near 9000N on the grid base line and shown on Figure 5b, where sample R 186 from a weathered slab returned strongly anomalous values in copper (7832 ppm) and silver (5.3 ppm) but only a nominal value in gold (12 ppb). Listwanite, a product of serpentinization followed by conversion to talc and carbonate minerals, is frequently found in and near gold deposits and is a prominent alteration type in the vicinity of gold deposits in the Motherlode District of Central California and, notably, in the Ural goldfields of the USSR. Bedrock near the R 186 occurrence should be sampled in more detail with the aid of drilling and blasting to ensure that unleached and uncontaminated material is being assayed.

V-0. PROPOSAL TO EXPLORE THE YETI 4 - 7 CLAIMS

As described in previous sections of this report, preliminary evaluation of the Yeti 4 - 7 claims has revealed the presence of rock types and structures that are favourable hosts to epithermal deposits. Several sulphide zones that were identified and sampled returned analyses that were clearly anomalous in gold, copper and silver. Metallic gold was recognized in a specimen that also contained chalcopyrite, pyrite and sphalerite. Platinum group metals may be associated with the mafic-rich geological units located centrally to the claims but a small number of PGM analyses revealed only background amounts of platinum and rhenium and weakly anomalous to background amounts of palladium. A substantial number of B-horizon soil samples contained anomalous amounts of precious and base metals.

The Yeti 4 - 7 claims may host one or more valuable mineral deposits and the potential to locate such deposits by standard exploration techniques is judged to be good. First priorities for further exploration should be completion of geological mapping and prospecting, followed by detailed examination and chip sampling of specific mineral zones.

Of particular importance will be the detailed mapping and examination of the chalcopyrite-gold zones that are present in the south-central portion of the property. In part these occurrences are in brecciated quartz and carbonate veins with widths that vary from a few centimetres to more than one metre. It is recommended that the various zones be trenched and then chip sampled, with due attention paid to the presence of metallic gold particles which may distort assays. The exact work program cannot be determined in advance but it should be assumed that a three man crew, comprised of a geologist and two assistants, all of whom should be climbers and experienced in the use of a "Cobra" or similar gas powered portable rock drill and one of whom must have a blaster's qualification, will require about four days to adequately expose and sample the showings.

Further work should also be directed to the "listwanite" showing located at 90 + 00 S on the base line of the geophysical grid, and to the scattered chalcopyrite occurrences located west of "West Yehiniko" Creek. It is recommended that a three-man crew work in these areas for approximately ten days.

The geophysical survey that was begun during the 1990 field season should be completed. This will require mobilization of an operator and appropriate equipment and will entail four field days.

A detailed budget estimate is presented in the following section of this report. The sum of $75,000 should be provided to ensure that the recommended work is completed. Data obtained should then be compiled and reviewed by company management and consultants before additional work is commenced.

In the interests of efficiency a provisional budget of $154,000 should be available for immediate continuance of work on the Yeti 4 - 7 claims if management determines that further exploration is justified. Failure to follow up field results in a timely fashion will inevitably lead to added costs because of the short field season and the high cost of mobilizing personnel and equipment into the area. It is anticipated that Phase II work will include further detailed prospecting and geological work, geophysics, and about 500 metres of diamond drilling.

V.1 Budget - Phase 1

Pre-season costs	
(1) detailed pre-season planning, allow	$ 3,000.00
(2) base maps, air photographs, field consumables	1,500.00
Field costs	
(1) mobilization of personnel and equipment to Yeti 4 - 7 area	3,000.00
(2) geological mapping, prospecting and blasting, 3 man crew - 15 days at $700/crew day	10,500.00
(3) geophysical survey, including mobilization of operator and gear, data processing	6,000.00
(4) camp costs - allow 50 man-days at $150/man/day	7,500.00
(5) helicopter support costs, allow 1.0 hour/day for 20 days at $750/day	15,000.00
(6) rock drill rental and blasting consumables, allow	2,500.00
(7) assays and analyses, allow	2,600.00
(8) freight on samples	1,000.00
Compilation and reporting of data, allow	5,000.00
Sub-total	$57,600.00
Management fee at 12.5% of expenditures	7,200.00
Allowance for unforeseen expenditures at 15%	9,720.00
Total	$74,520.00

GEOLOGICAL ASSOCIATION OF CANADA
ERIK OSTENSOE
FELLOW

V-2 Budget - Phase 2 (Contingent upon results of Phase 1)

Continuation of prospecting and geological work	$20,000.00
Allowance for detailed geophysical surveys of selected areas	5,000.00
Diamond drilling - allow for drill testing of selected areas using a helicopter transportable rig	
(a) mobilization of rig to Telegraph Creek	5,000.00
(b) move rig from Telegraph Creek to site	8,000.00
(c) preparation of sites - three at $8,000 per site	24,000.00
(d) drill 500 metres at $150.00 per metre, estimated	75,000.00
Sub-total	$137,000.00
Management fee at 12.5% of expenditures	17,125.00
Total estimated cost of Phase 2 work	$154,125.00

VI.0. REFERENCES

Brown, D, Greig, C.J., and Gunning, M., 1990, Geology and Geochemistry of the Stikine River-Yehiniko lake Area, Northwestern B.C., Open File 1990-1, Geol. Survey Branch, Ministry of Energy, Mines and Petroleum Resources, B.C.

Brown, D. and Greig, C.J., 1990, Geology of the Stikine River-Yehiniko Lake Area, Northwestern British Columbia, Geological Fieldwork, 1989, Geol. Surv. Branch, Ministry of Energy, Mines and Petroleum Resources, B. C.

Kerr, F. A., 1948, Geology and Mineral Deposits of the Stikine River Area, B. C., Memoir 247, Geol. Surv. Canada.

Souther, J. G., 1972, Telegraph Creek Map-Area, British Columbia, Paper 71-44, Geol. Surv. Canada.

Wilkins, Andrew, 1990, Soil Geochemistry Statistics - Yehiniko Property, Private Report to Toscana Resources Ltd.

VII.0 STATEMENT OF QUALIFICATIONS AND CONSENT

I, ERIK A. OSTENSOE, state that:

1. I am a consulting geologist with residence in Vancouver, British Columbia

2. I am a graduate of the University of British Columbia with a Bachelor of Science degree in Honours Geology and I have taken graduate level courses in Geology at Queen's University in Kingston, Ontario

3. I have worked as a geologist for more than thirty years as an employee of major mining companies and as a consultant to junior companies

4. My professional work has included a wide range of responsibilities as well as exposure to mineral exploration techniques commonly employed in a variety of geological environments in most parts of western Canada and northwestern United States

5. I am a Fellow of the Geological Association of Canada (member no. 4128), a member of the Canadian Institute of Mining, Metallurgy and Petroleum, and a member of the Association of Exploration Geochemists, and I have applied to become a registered member of the Association of Professional Engineers and Geoscientists of British Columbia

6. I worked on the Yeti 4 - 7 property, Stikine River Area, British Columbia, that is the subject of the accompanying report, during September, 1990 and I supervised the work of several qualified geologists and prospectors

7. I am familiar with a number of mineral exploration projects currently being conducted in nearby areas

7. I am the author of the accompanying report, entitled "Report on Yeti 4 - 7 Claims, Yehiniko Lake, Stikine River Area, Northwestern British Columbia", dated December 15, 1990 and revised May 15, 1991

8. I have no personal interest in the shares or properties of Toscana Resources Ltd. and I do not expect to acquire any such interest, nor do I own any interest in mineral properties in the vicinity of the Yeti 4 - 7 claims

ERIK OSTENSOE

9. The accompanying report may be used in its entirety by Toscana Resources Ltd. in an initial public offering of securities of the company or in a Statement of Material Facts or any other such document as may be required by the Vancouver Stock Exchange or the Office of the Superintendent of Brokers for British Columbia.

ERIK OSTENSOE

Erik A. Ostensoe, FGAC

Prepared and Signed at Vancouver, British Columbia, this 15th day of January, 1991.

Revised report prepared and signed at Vancouver, British Columbia, this 15th day of May, 1991.

APPENDIX I.

INDUCED COUPLED PLASMA ANALYSES AND ASSAYS

ROCK AND STREAM SEDIMENT SAMPLES

Note 1. Samples prepared, analysed and assayed by Acme Analytical Laboratories Ltd. Vancouver, B. C.

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

DATE RECEIVED: OCT 10 1990
DATE REPORT MAILED: Oct. 16/90

ASSAY CERTIFICATE

Quest Canada Exploration FILE # 90-5072R

OCT. 18 1990

SAMPLE#	Au** oz/t
90C-25-K25	1.603
90C-25-K26	.551
90C-25-K27	.852
90C-25-K28	4.366
90C-25-K29	.189
90C-25-K30	.039
90C-25-W32	.015
90F-25-K33	.087
90F-25-W31	.409
90G-25-Q10	.144
90G-25-Q11	.073
90G-25-Q20	.017
90G-25-R22	.067
90G-25-X13	.032
STANDARD AU-1	.101

AU** BY FIRE ASSAY FROM 1 A.T.
- SAMPLE TYPE: ROCK PULP

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Quest Canada Exploration File # 90-5450 Page 1

P.O. Box 11569 Vancouver, Vancouver BC V6B 4N8

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
90C-25-S6	29	6	2	1	.2	10	116	35	4.55	5	5	ND	1	9	.2	2	2	1	.02	.002	2	12	.02	6	.01	2	.02	.01	.05	1	10
90F-20-W17	4	2027	12	21	.4	10	14	700	2.31	7	5	ND	2	392	1.2	2	2	20	12.73	.512	7	3	.66	41	.01	2	.50	.02	.32	1	17
90F-COR-D4	2	46	4	7	.1	11	7	66	.80	3	5	ND	1	94	.2	2	2	19	1.07	.033	2	5	.15	22	.15	2	1.37	.23	.10	1	6
90F-COR-D5	3	126	7	172	.8	15	21	291	2.58	63	5	ND	2	142	.3	2	2	34	4.75	.009	2	13	1.71	125	.25	13	2.89	.09	.29	1	12
90F-COR-D6	1	18	2	18	.3	9	8	123	2.30	2	5	ND	1	254	.3	2	2	29	7.66	.004	3	7	.21	33	.17	4	6.56	.21	.14	1	19
90F-COR-D7	1	23	4	12	.5	4	22	85	6.00	19	5	ND	1	8	.2	2	2	11	.06	.018	2	3	.31	59	.02	2	.96	.01	.25	1	610
90F-COR-X20	5	71	328	331	3.6	3	5	1265	2.91	7	5	ND	5	156	6.4	2	11	94	4.57	.068	15	3	.51	111	.05	2	.83	.04	.13	1	20
90G-26-K11	4	42875 ✓	2	68	17.0	13	3	110	8.18	692	5	ND	1	7	3.7	14	2	1	.04	.014	2	13	.01	9	.01	3	.06	.01	.03	2	320
90G-COR-D2	5	43	5	10	.2	2	2	305	.93	9	5	ND	6	100	.2	2	2	7	4.20	.026	8	2	.41	55	.04	2	.68	.05	.15	1	8
90G-COR-D3	4	179	3	10	.3	5	2	206	1.35	4	5	ND	8	44	.2	2	2	12	.41	.029	8	5	.75	59	.04	2	1.21	.10	.18	1	5
90S-12-C1	1	18	2	41	.3	8	7	684	2.24	10	5	ND	2	121	.3	2	2	20	16.87	.025	4	15	1.17	16	.01	2	1.34	.04	.07	1	5
STANDARD C/AU-R	19	61	39	133	7.1	73	31	1052	3.97	40	18	7	40	53	18.8	15	20	61	.46	.096	41	61	.89	192	.08	33	1.89	.06	.13	12	530

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1 ROCK P2 SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: OCT 23 1990 **DATE REPORT MAILED:** Oct 26/90 **SIGNED BY** [signature] D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

✓ ASSAY RECOMMENDED

GEOCHEMICAL ANALYSIS CERTIFICATE

Quest Canada Exploration File # 90-5158

P.O. Box 11569 Vancouver, Vancouver BC V6B 4N8

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
90C-25-F14	4	5508	126	78	3.0	29	8	682	2.64	6	5	ND	1	101	1.4	74	2	39	3.84	.027	5	41	.87	84	.01	2	1.06	.02	.04	1	290
90C-COR-S1	8	88	7	18	.3	16	9	96	2.70	20	5	ND	1	149	.4	4	2	54	.94	.043	4	36	1.10	50	.10	2	2.07	.16	.16	2	11
90F-25-K40	1	700	2710	954	2.1	11	11	912	8.63	12	5	ND	1	88	6.3	13	2	165	1.65	.094	8	20	2.72	9	.01	2	3.84	.02	.01	1	4
90G-25-F15	2	2642	1326	57559✓	4.5	7	18	850	1.91	15	5	ND	1	221	654.8	15	2	12	8.38	.033	8	7	.47	32	.01	2	.21	.01	.07	1	33
90G-25-Q21	1	3601	8	158	1.5	7	8	1023	2.69	4	5	ND	1	138	2.5	16	2	48	13.89	.035	5	13	.92	87	.01	2	1.20	.01	.02	1	11
90G-25-Q22	5	2632	757	25	4.0	15	3	442	1.17	10	5	ND	1	60	.2	2	2	9	4.84	.017	3	41	.24	42	.01	2	.39	.01	.05	1	69
90G-COR-D1	3	20	51	22	.2	4	3	230	1.02	8	5	ND	7	23	.2	16	2	13	.28	.034	8	8	.53	23	.03	2	.63	.06	.05	1	4
90G-COR-X19	2	178	17	290	.4	70	24	236	4.22	2	5	ND	1	547	2.5	4	2	55	2.83	.062	3	115	3.36	67	.16	2	5.95	.22	1.08	1	7
STANDARD C	18	57	37	129	7.0	72	31	1052	3.94	43	16	7	37	53	18.5	14	20	56	.46	.096	38	61	.91	179	.08	32	1.89	.06	.13	13	-

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: OCT 9 1990 **DATE REPORT MAILED:** Oct 12/90 **SIGNED BY**.......... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

✓ ASSAY RECOMMENDED

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
90G-20-W26	1	1116	13	77	.2	5	16	682	3.06	2	5	ND	1	48	.7	3	2	43	1.60	.038	2	9	1.46	24	.09	2	1.60	.02	.10	1	430
90G-20-W27	4	717	13	37	.3	6	78	321	2.72	5	5	ND	1	61	.2	2	2	17	1.77	.036	2	33	.13	43	.01	2	.47	.01	.29	1	640
90G-20-X15	1	5812	2	22	.1	4	20	914	1.61	4	5	ND	1	303	.2	2	2	3	4.98	.005	2	10	.93	273	.01	2	.41	.01	.13	1	35
90G-20-X16	5	3532	10	22	1.7	9	20	549	1.97	5	5	ND	2	87	.2	2	2	11	2.72	.174	2	10	.98	49	.01	3	.54	.01	.40	1	13
90G-20-X17	6	15206	17	72	.7	55	39	366	9.37	2	9	ND	1	27	1.2	8	3	106	.65	.324	3	35	2.37	21	.01	2	2.67	.03	.25	1	110
90G-20-X18	13	3890	8	18	2.3	11	20	214	2.20	5	5	ND	1	60	.2	2	2	10	.92	.027	2	5	.39	24	.01	2	.46	.01	.36	1	22
90G-20-X19	2	20896	5	35	1.8	13	44	1142	3.57	7	5	ND	1	133	4.3	2	2	10	3.50	.074	2	11	1.26	69	.01	2	.79	.01	.22	1	6
90G-20-X28	3	1907	11	103	.9	12	23	862	5.63	2	5	ND	1	122	1.8	6	2	104	1.84	.068	3	44	2.36	72	.15	2	2.32	.04	.14	1	16
90G-20-X29	1	2711	13	127	.3	8	26	886	5.83	3	5	ND	1	127	.9	7	2	82	1.04	.149	2	11	2.37	106	.14	2	2.86	.03	.11	1	12
90C-25-K25	7	3482	5	46525	264.1	16	11	538	8.29	18	9	59	1	11	268.5	3	2	33	.82	.039	2	41	.74	29	.01	2	1.06	.01	.09	2	43350
90C-25-K26	5	1522	5	12622	74.1	11	15	1000	3.41	14	6	21	1	26	99.1	2	2	12	5.10	.016	2	10	.30	23	.01	2	.50	.01	.07	12	19640
90C-25-K27	3	2804	4	20022	135.4	27	23	1368	8.52	8	10	31	1	21	99.4	6	2	75	3.80	.064	2	54	1.62	27	.01	2	2.18	.01	.11	1	26860
90C-25-K28	9	2046	25	40090	562.1	5	5	124	15.16	47	5	179	1	2	209.7	2	17	26	.06	.034	2	16	.08	41	.01	2	.32	.01	.09	1	131840
90C-25-K29	1	1398	10	9797	26.1	40	33	2349	10.08	2	9	4	1	31	45.7	9	2	208	3.63	.105	2	75	3.04	28	.02	2	3.76	.03	.06	1	5810
90C-25-K30	1	993	8	2381	6.8	38	36	2142	10.09	2	9	ND	1	29	11.9	9	2	176	2.96	.115	2	62	3.02	30	.09	2	3.76	.03	.08	1	1290
90C-25-K31	2	607	3	726	2.5	43	27	1607	9.60	2	9	ND	1	24	.2	10	2	98	2.91	.111	4	75	3.32	38	.01	3	4.41	.01	.15	1	450
90C-25-K34	1	51	2	197	1.2	10	62	500	7.74	36	8	ND	1	22	1.9	7	2	107	.66	.115	2	16	1.08	30	.28	2	1.45	.04	.13	1	220
90C-25-K35	21	4849	16	103	99.4	27	19	451	33.62	2	5	ND	2	6	.2	11	360	387	.06	.125	2	151	.98	53	.02	8	1.93	.01	.12	1	580
90C-25-K37	1	3486	7	184	6.4	36	36	1273	10.66	2	9	ND	1	20	.2	11	25	145	.35	.117	2	73	3.05	43	.12	2	3.45	.01	.06	1	130
90C-25-W32	2	22223	13	97	36.6	36	34	524	4.38	6	5	13	1	82	3.7	7	6	77	.73	.139	2	94	1.77	26	.21	2	1.70	.05	.03	1	1400
90C-25-W34	3	83	181	275	3.2	14	74	417	16.90	14	5	ND	1	24	.2	9	2	195	.06	.183	7	53	1.47	61	.01	3	2.05	.02	.16	1	64
90F-25-K32	5	7391	2	38	1.8	13	5	378	1.53	11	5	ND	1	20	.2	2	2	14	2.46	.014	2	49	.19	13	.01	2	.26	.01	.05	1	320
90F-25-K33	1	1789	3	67	2.0	17	17	255	2.67	14	5	ND	1	3	.2	2	2	25	.08	.011	2	8	.43	13	.01	2	.45	.01	.03	1	2540
90F-25-K38	1	3208	2	10	3.7	10	2	1274	.93	3	5	ND	1	125	.2	2	2	17	20.90	.008	3	21	.38	3	.01	2	.42	.01	.02	1	150
90F-25-R223	1	23	17	75	.3	9	24	2415	10.83	2	8	ND	1	64	.2	10	2	92	7.64	.085	2	25	1.97	10	.02	2	2.48	.03	.02	1	19
90F-25-R224	5	7427	10	24	1.6	18	11	399	2.15	15	5	2	1	19	.2	3	2	39	1.27	.021	2	47	.56	12	.01	2	.64	.02	.05	1	710
90F-25-W31	1	14897	377	28	9.5	22	15	254	6.81	505	5	16	1	4	3.2	2	2	3	.21	.003	2	2	.04	14	.01	5	.07	.01	.02	1	11730
90G-25-F16	1	968	5	45	.5	53	23	511	4.43	6	5	ND	1	42	.2	6	2	113	3.18	.087	2	179	2.53	15	.16	2	1.94	.07	.03	1	230
90G-25-F17	1	4317	18	136	3.7	21	13	989	1.92	23	5	ND	1	97	.2	3	2	26	6.50	.020	2	43	.65	8	.01	2	.67	.01	.05	1	71
90G-25-F18	11	825	2	114	.2	52	23	1032	5.34	2	5	ND	1	70	.9	6	2	124	6.35	.070	3	160	3.57	10	.05	2	2.94	.03	.01	1	8
90G-25-K36	1	7913	12	179	1.3	135	44	1714	8.73	2	7	ND	1	38	.2	4	2	158	4.30	.082	4	287	5.12	55	.01	2	4.87	.01	.03	1	11
90G-25-K39	1	10261	6	86	1.2	13	17	726	4.13	5	5	ND	1	16	1.7	8	2	55	1.24	.083	2	31	1.66	28	.01	2	1.87	.03	.09	1	14
90G-25-Q10	1	12664	25	130	14.2	34	32	646	3.89	6	5	16	1	84	3.1	7	2	60	1.95	.078	2	104	1.65	17	.12	4	1.48	.02	.01	1	5170
90G-25-Q11	1	19512	136	72	14.3	35	43	597	4.70	11	5	ND	1	41	4.3	7	2	74	1.07	.083	2	105	1.98	6	.13	2	1.65	.03	.01	1	3030
90G-25-Q12	1	19935	57	126	12.1	40	17	713	5.74	7	5	ND	1	63	5.9	10	8	89	1.52	.084	2	118	2.43	13	.15	2	2.04	.03	.01	1	890
90G-25-Q13	1	1592	9	24	1.3	8	4	1846	1.37	5	5	ND	1	203	.2	4	2	27	29.14	.015	4	27	.55	82	.01	2	.64	.01	.03	1	37
STANDARD C/AU-R	19	63	40	133	7.3	72	32	1057	3.97	43	20	8	39	52	19.0	15	21	57	.45	.095	38	59	.92	182	.07	32	1.90	.06	.14	12	450

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
90G-25-Q14	1	190	6	117	.4	33	27	1140	4.63	10	5	ND	4	68	.8	2	2	122	9.45	.072	2	134	2.26	13	.10	2	2.08	.03	.02	1	120
90G-25-Q15	24	16541	109	420	19.4	5	20	1362	2.47	51	5	ND	2	163	5.3	2	10	7	17.70	.012	5	2	.12	20	.01	4	.23	.01	.06	1	620
90G-25-Q16	5	1753	8	20	1.9	3	11	2225	.78	51	5	ND	1	349	.5	2	3	9	28.82	.008	14	3	.18	137	.01	2	.24	.01	.04	1	69
90G-25-Q17	3	8464	2052	8604	11.3	3	11	1717	1.58	35	5	ND	1	229	70.8	2	2	5	29.20	.004	11	1	.18	11	.01	2	.25	.01	.03	1	69
90G-25-Q20	25	99999	43	2076	103.1	9	39	960	13.52	121	5	3	2	48	23.6	6	44	18	4.90	.001	2	1	.20	15	.01	2	.68	.01	.04	1	1130
90G-25-R22	26	2008	67	347	26.6	7	39	423	14.83	18	5	2	1	12	3.3	2	61	123	.79	.059	2	5	1.24	27	.01	2	2.23	.01	.02	2	2390
90G-25-R226	20	9253	2	108	6.2	5	16	607	3.25	8	5	ND	1	40	1.4	2	3	54	.94	.160	2	1	1.21	12	.10	3	1.34	.07	.03	1	24
90G-25-R227	1	2418	2	61	1.8	8	40	490	4.79	9	5	ND	1	54	1.3	2	2	106	1.05	.105	2	3	1.38	34	.22	4	1.58	.09	.12	1	130
90G-25-R228	9	18369	26	61	4.6	1	20	482	3.90	7	5	ND	1	59	.6	2	2	23	.67	.144	2	1	1.01	16	.07	5	1.11	.04	.02	1	510
90G-25-W30	3	213	13	32	.1	12	13	619	1.86	35	11	ND	1	40	.2	2	2	22	3.16	.053	2	25	.46	53	.01	4	.76	.01	.15	2	19
90G-25-W33	1	16990	3	1	1.0	6	13	130	2.55	6	5	ND	1	11	.2	2	3	10	.28	.010	2	4	.19	47	.01	4	.27	.01	.03	2	32
90G-25-X10	1	45	2	92	.1	91	68	848	5.23	7	5	ND	1	42	.2	2	11	104	2.78	.083	2	266	3.60	34	.12	7	2.58	.03	.02	1	16
90G-25-X11	1	494	2	58	.4	15	40	985	5.29	14	5	ND	1	51	.7	2	3	72	3.41	.078	3	27	1.85	57	.01	4	2.13	.03	.12	1	8
90G-25-X12	1	21	2	104	.1	18	17	815	4.96	19	5	ND	1	27	1.1	2	2	101	.54	.062	2	46	2.58	33	.14	7	2.88	.05	.04	1	1
90G-25-X13	39	90	2677	19827	1.1	28	6	898	1.47	17	6	ND	4	270	348.9	3	2	42	12.84	.161	11	19	.60	38	.01	5	.83	.01	.11	8	1350
90G-25-X14	1	48	11	206	.3	18	982	804	13.21	88	5	ND	1	20	1.3	2	4	19	1.99	.047	2	13	1.00	17	.01	2	1.20	.01	.12	1	480
90G-25-X15	1	46	16	232	.3	23	350	1224	8.75	48	5	ND	1	41	2.2	2	4	28	3.82	.061	3	11	1.19	26	.01	2	1.37	.01	.11	1	480
90G-25-X16	1	12701	10	78	3.8	3	15	667	4.71	2	5	ND	1	17	.6	2	12	39	1.28	.066	2	5	.92	70	.02	2	1.35	.01	.09	1	53
90G-25-X17	1	391	2	35	.4	8	31	318	2.10	6	5	ND	1	11	.2	2	3	9	1.09	.006	2	11	.15	11	.01	5	.19	.01	.01	1	31
STANDARD C/AU-R	20	61	37	133	7.4	72	32	1055	3.98	43	24	7	38	52	19.1	15	21	59	.46	.098	40	60	.90	183	.08	35	1.89	.06	.14	12	530

ASSAY IN PROGRESS

Quest Canada Exploration File # 90-4893

P.O. Box 11569 Vancouver, Vancouver BC V6B 4N8

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
90C-20-F11	1	375	7	38	.3	6	15	1732	2.19	3	10	ND	1	305	.6	2	3	23	11.54	.101	3	5	.65	115	.04	6	.88	.01	.17	1	430
90C-20-F12	1	1564	7	79	.5	13	14	779	3.76	4	5	ND	1	66	.4	2	2	54	1.30	.065	4	8	1.83	23	.10	7	2.07	.01	.09	1	2
90C-20-F13	1	1117	13	64	.8	8	13	542	2.72	3	5	ND	2	183	.5	2	3	45	1.48	.075	4	4	1.15	12	.10	6	1.68	.01	.08	1	10
90C-20-F14	4	4972	5	39	2.4	20	39	310	2.54	3	5	ND	1	160	.8	2	2	59	.83	.136	2	27	.98	26	.12	6	1.09	.02	.12	1	530
90C-20-F15	2	3066	8	134	.8	20	34	965	8.11	2	7	ND	1	108	1.5	3	2	183	1.51	.140	2	20	2.12	51	.13	3	2.11	.02	.39	1	52
90C-20-X07	1	8	2	89	.4	5	15	2290	5.38	7	11	ND	1	614	.8	2	2	72	17.47	.055	3	2	2.07	703	.01	5	.36	.01	.13	1	3
90F-HS-W[illegible]	1	3[illegible]9 ✓	8	92	16.6	24	120	557	7.97	23	5	ND	1	45	4.9	2	10	92	.60	.089	2	6	1.15	52	.11	4	1.35	.01	.34	1	430
90F-12-C[illegible]	1	476	2	125	.8	15	17	526	6.49	2	5	ND	1	75	.7	2	2	37	1.13	.032	2	20	1.53	1555	.06	6	3.44	.04	.04	1	2
90F-25-Q0[illegible]	1	20574 ✓	2	15	1.0	21	15	613	4.65	18	5	ND	1	32	1.8	2	4	74	3.14	.025	2	50	.77	28	.01	7	.73	.01	.02	1	550
90F-25-Q04	4	10412 ✓	5	15	4.6	12	14	585	4.95	48	5	5	1	33	1.1	2	2	16	1.62	.027	2	6	.48	28	.01	6	.69	.01	.07	1	5519
90F-25-R220	1	5454	5	15	2.5	14	10	551	2.01	2	5	ND	1	195	.4	2	2	47	4.42	.090	2	30	1.25	3	.14	4	1.50	.01	.01	1	160
90G-20-F10	1	2498	6	108	2.0	10	19	1275	3.19	4	5	ND	1	145	2.8	2	2	45	5.25	.105	2	5	1.34	40	.07	7	1.38	.01	.14	1	59
90G-20-X08	1	1378	10	231	3.0	6	18	844	3.85	2	5	ND	1	161	.8	2	2	87	1.10	.213	6	4	1.91	82	.16	6	1.99	.03	.45	1	4
90G-20-X09	1	92	7	132	.6	5	14	997	3.82	7	5	ND	1	161	.3	2	2	52	1.02	.151	5	18	1.84	32	.12	6	2.23	.02	.03	1	12
90G-20-X10	1	285	7	62	.6	4	16	1028	3.96	5	5	ND	1	258	.5	2	2	33	4.81	.152	8	2	.44	361	.01	9	.48	.01	.33	1	27
90G-20-X11	1	86	8	145	.7	11	30	987	5.83	10	5	ND	1	135	.5	2	2	74	.93	.264	5	10	2.40	21	.16	5	2.57	.02	.11	1	8
90G-20-X12	2	92	22	78	.5	5	8	552	4.37	2	5	ND	1	172	.2	2	2	51	.60	.181	3	9	.86	25	.18	7	1.01	.04	.24	1	59
90G-25-R219	4	13	4	20	.5	18	200	288	6.41	6	5	ND	1	67	.3	2	4	41	.46	.030	2	56	1.09	9	.18	5	1.43	.01	.01	1	13
90G-GR-X01	1	22	2	17	.2	150	13	337	1.54	4	5	ND	1	48	.2	2	2	18	1.34	.014	2	171	2.32	112	.01	4	.44	.02	.05	1	41
90G-GR-Y02	1	43	7	60	.4	76	23	662	4.34	2	5	ND	2	177	.3	2	2	78	3.02	.083	11	90	2.40	356	.04	11	1.38	.04	.22	1	43
90G-GR-X03	1	225	2	56	.3	7	9	670	3.12	2	5	ND	2	68	.2	2	2	41	3.03	.210	17	5	.55	218	.01	11	.50	.03	.14	1	42
CAN-1	2	100	7	43	.1	11	9	401	2.48	2	5	ND	1	104	.2	2	2	55	2.95	.193	7	22	.81	13	.09	9	2.57	.03	.02	1	26
CAN-2	1	146	6	49	.3	23	18	371	3.62	7	5	ND	4	17	.2	2	2	108	.78	.128	6	82	1.34	210	.32	6	1.71	.04	.87	1	45
CAN-3F	105	3895	2169	2371	8.0	7	4	183	10.06	7	5	ND	2	15	5[illegible]0	2	2	47	.14	.063	4	26	.06	28	.01	91	.12	.01	.01	4	4
CAN-4F	1	31	6	59	.5	61	12	1764	3.62	44	12	ND	1	230	.5	2	2	42	12.19	.014	2	92	3.39	15	.01	9	.21	.02	.04	1	33
CAN-5	1	3	2	35	.3	8	7	945	2.51	2	7	ND	1	99	.3	2	2	50	12.87	.052	4	17	.53	45	.01	6	.70	.01	.05	1	13
CAN-6	1	34	4	72	.5	17	16	912	4.35	11	5	ND	1	98	.3	2	2	74	2.81	.095	6	36	1.50	95	.01	10	1.44	.02	.09	1	46
CAN-7	4	142	16	233	1.1	30	13	1027	4.43	28	5	ND	3	22	1.5	2	2	95	1.17	.129	15	34	.65	52	.03	9	.95	.03	.04	1	6
STANDARD C/AU-R	18	59	37	131	7.2	71	32	1050	3.94	39	21	7	39	55	15.5	15	20	58	.46	.092	39	59	.92	182	.07	41	1.89	.06	.14	12	520

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3M[illegible] 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: SEP 28 1990 DATE REPORT MAILED: Oct 2/90. SIGNED BY C. Leong ..D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

✓ ASSAY RECOMMENDED

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604) [illegible]

GEOCHEMICAL ANALYSIS CERTIFICATE

Quest Canada Exploration File # 90-4819 Page 1

P.O. Box 11569 Vancouver, Vancouver BC V6B 4N8

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
90C-20-K01	47	177	23	32	1.0	13	120	4553	3.74	55	5	ND	1	8	1.3	2	2	35	.08	.067	2	8	.33	141	.14	10	.97	.01	.45	1	25
90C-25-K13	1	2344	2	156	1.3	45	23	1559	5.34	3	10	ND	1	129	.8	2	2	109	7.44	.089	6	80	2.42	266	.03	8	3.15	.01	.15	1	86
90C-25-K14	12	22806	5	217	38.2	27	29	1326	9.78	2	5	ND	1	30	2.2	2	67	103	.81	.094	3	41	2.72	107	.03	4	3.64	.02	.20	1	200
90C-25-K19	2	1185	45	14	1.9	11	13	107	3.41	47	5	2	1	6	.2	2	2	16	.15	.029	2	11	.10	53	.05	8	.35	.01	.13	1	3620
90C-25-K20	35	42367	13	95	27.1	24	17	518	6.89	10	5	ND	1	72	3.3	2	2	113	.68	.127	2	43	1.47	65	.26	7	1.89	.11	.13	1	360
90C-25-S1	3	177	2	9	.2	10	4	194	.82	2	5	ND	1	5	.2	2	2	6	.19	.051	2	6	.15	37	.01	9	.58	.05	.11	1	11
90C-25-S3	21	245	2	31	.1	37	66	544	14.18	108	5	ND	1	20	.7	2	2	170	.24	.067	2	155	3.51	4	.22	2	4.49	.01	.01	1	9
90C-25-S4	57	114	9	1	.2	18	586	28	11.24	174	5	ND	1	2	.2	2	2	3	.01	.001	2	60	.02	2	.02	2	.04	.01	.01	1	23
90C-25-S5	28	37	8	16	.1	34	97	266	9.45	58	5	ND	1	22	.2	2	2	108	.26	.049	2	174	1.87	1	.20	2	2.30	.04	.01	1	9
90C-25-W21	49	7090	9	182	39.2	25	42	1012	11.59	30	5	ND	1	28	1.2	2	165	70	1.53	.052	2	65	1.79	33	.02	2	2.36	.01	.13	1	260
90C-25-W26	13	10276	5	141	3.0	30	20	1024	6.37	2	5	ND	1	45	.9	2	2	88	.72	.115	2	45	2.63	80	.20	6	2.87	.02	.05	1	230
90F-20-X02	1	3690	3	14	1.5	3	4	764	1.08	2	12	ND	1	317	.3	2	2	58	10.95	.052	2	2	.46	40	.06	3	.61	.09	.24	1	47
90F-20-X03	1	203	2	28	.3	8	8	676	2.51	4	7	ND	1	351	.2	2	2	109	5.26	.076	3	6	1.01	146	.11	4	1.13	.15	.68	1	13
90F-20-X05	1	54029	7	41	37.6	9	10	614	2.90	12	5	ND	1	548	6.1	2	2	227	2.28	.195	6	7	.75	190	.17	7	1.23	.11	.45	1	1020
90F-20-X06	1	1058	3	1	.9	1	1	1255	.37	2	5	ND	1	909	.3	2	2	18	32.11	.014	2	1	.05	12	.02	2	.07	.03	.02	1	68
90F-20-F07	3	460	87	76	.5	34	44	661	6.45	4055	5	ND	2	246	.3	7	2	30	2.57	.116	8	5	.46	28	.01	10	.23	.04	.12	1	15
90F-20-W14	2	26	2	3	.1	4	1	854	.28	5	5	ND	1	125	.2	2	2	2	4.67	.003	2	4	.05	60	.01	2	.06	.01	.02	1	7
90F-20-W16	1	3745	5	106	3.5	8	24	1113	4.82	5	5	ND	1	179	1.4	2	2	119	1.42	.206	8	6	2.46	39	.12	4	2.58	.10	.11	1	30
90F-20-W17	1	90	3	34	.1	5	7	580	1.94	6	5	ND	1	97	.2	2	2	36	2.01	.065	4	3	.62	112	.04	4	.81	.04	.11	1	7
90F-25-Q01	16	54051	6	381	24.2	24	23	659	23.98	3	115	ND	3	177	6.0	5	8	273	1.03	.272	13	9	.90	79	.17	2	1.73	.31	.24	1	53
90F-25-Q02	1	7361	2	136	1.6	17	25	1143	6.19	4	13	ND	1	491	2.0	2	2	65	3.88	.282	12	2	1.08	770	.10	13	4.62	1.38	.56	1	4
90F-25-R207	1	1450	6	8	.6	9	5	204	2.50	31	5	ND	1	4	.2	2	2	11	.04	.009	2	6	.10	9	.01	5	.20	.01	.02	1	590
90F-25-R208	1	11345	2	41	3.9	28	12	511	4.83	12	5	ND	1	6	.9	2	2	43	.14	.049	2	36	1.25	22	.01	7	1.57	.02	.08	1	530
90F-25-R209	1	6061	2	65	5.0	904	42	642	4.93	20	7	ND	1	50	.6	2	2	58	1.75	.026	2	766	3.02	11	.01	4	2.34	.01	.01	1	30
90F-25-R215	1	3897	2	68	1.6	436	30	445	4.22	5	5	ND	1	40	.3	2	2	64	.29	.043	2	393	4.40	440	.01	5	3.49	.01	.03	1	11
90F-25-R216	3	998	15	59	1.4	62	72	962	14.54	116	5	ND	1	26	.8	4	2	64	.93	.071	3	3	1.09	18	.05	2	2.34	.08	.05	1	2
90F-25-R218	1	14275	2	90	7.2	55	21	915	5.32	9	8	ND	1	108	2.4	2	2	59	6.80	.106	4	21	2.78	46	.02	4	3.32	.04	.20	1	1940
90F-25-S2	45	269	2	13	.5	21	113	176	8.56	5	5	ND	1	11	.2	2	2	62	.08	.018	2	60	1.11	13	.07	2	1.39	.01	.01	1	5
90G-20-F08	1	67	4	73	.3	18	20	1215	5.67	32	11	ND	1	688	.4	4	2	29	6.21	.057	5	31	2.31	90	.01	9	.48	.02	.24	1	4
90G-20-F09	2	34	5	33	.3	17	7	241	1.91	5	5	ND	1	51	.2	2	2	10	1.37	.047	5	8	.07	121	.01	5	.39	.05	.20	1	2
90G-20-K02	1	1013	3	70	1.3	8	17	781	2.78	3	5	ND	1	231	.2	2	2	72	2.39	.173	5	6	1.78	54	.12	5	1.81	.09	.14	1	48
90G-20-W15	5	2386	7	165	1.2	20	29	1688	6.32	8	5	ND	1	114	1.9	2	2	92	2.41	.125	3	13	2.34	166	.19	4	2.58	.06	1.27	1	250
90G-20-X01	1	231	6	48	.5	6	12	810	3.45	8	10	ND	1	826	.2	2	2	125	7.80	.120	9	3	.66	316	.05	3	1.01	.06	.56	1	4
90G-20-X04	1	1242	7	87	1.3	7	14	1111	4.10	14	5	ND	2	230	.3	84	2	93	4.34	.147	14	4	1.74	180	.01	8	.36	.03	.25	1	37
90G-25-R212	2	2007	3	25	1.2	42	7	258	2.05	9	5	ND	1	17	.2	2	2	27	.56	.041	2	39	1.05	183	.01	5	1.14	.02	.10	1	6
90G-25-R213	1	3704	2	24	2.4	207	14	170	2.36	11	5	ND	1	76	.2	2	2	31	.07	.012	2	204	1.72	372	.01	4	1.17	.01	.01	1	6
STANDARD C/AU-R	18	59	37	131	7.2	72	31	1054	3.97	42	20	7	40	55	19.2	15	18	58	.47	.094	39	59	.90	182	.07	39	1.91	.06	.14	12	480

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: SEP 26 1990 **DATE REPORT MAILED:** Sept 27/90 **SIGNED BY** ....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
90G-25-R214	1	131	3	56	.1	250	20	1278	3.61	7	5	ND	1	51	.2	2	2	56	2.21	.038	2	346	3.73	92	.01	4	2.62	.01	.06	1	12
90G-25-K12	1	2003	6	27244	897.2	1	12	631	3.33	16	5	398	1	23	190.3	2	16	25	4.54	.013	2	1	.26	19	.01	3	.41	.01	.05	2	515100
90G-25-K15	1	178	2	322	5.2	22	30	2247	7.55	4	5	ND	1	52	1.0	2	2	94	3.37	.098	4	45	2.66	118	.04	2	3.52	.01	.15	1	760
90G-25-K16	1	4369	2	238	7.0	21	17	979	4.06	13	5	ND	1	60	1.6	2	2	99	6.07	.090	5	42	1.96	24	.01	3	2.18	.04	.05	1	2420
90G-25-K17	1	13113	3	94	4.4	35	27	1265	7.84	5	5	ND	1	11	1.5	2	2	97	.61	.140	3	53	2.98	49	.13	6	3.59	.03	.22	1	220
90G-25-K18	8	6073	8	83	2.5	17	18	1197	4.58	25	6	ND	1	59	1.0	2	2	81	8.01	.045	2	39	2.25	18	.06	4	2.40	.01	.08	1	540
90G-25-K21	2	1321	2	73	1.0	27	19	769	6.24	9	5	ND	1	45	.5	2	2	145	2.54	.131	4	47	1.84	30	.19	4	1.99	.09	.08	1	38
90G-25-R210	1	695	2	46	.8	62	11	868	2.36	5	5	ND	1	33	.2	2	2	25	1.18	.033	2	7	.95	41	.01	4	1.20	.01	.13	1	190
90G-25-R211	1	6793	2	35	3.7	24	11	1018	3.36	4	5	ND	1	22	.8	2	2	36	1.00	.033	2	9	1.82	29	.01	4	1.67	.01	.05	1	150
90G-25-R217	1	712	2	40	.4	471	44	1185	3.44	23	5	ND	1	69	.3	2	2	50	3.58	.021	2	316	4.21	29	.01	5	1.86	.01	.01	1	86
90G-25-W22	35	9249	4	357	53.6	45	47	1770	12.45	12	5	ND	1	5	1.2	2	118	130	.18	.084	2	104	3.78	31	.01	2	4.39	.01	.11	1	430
90G-25-W23	39	26299	11	372	86.1	53	43	2231	12.82	12	5	ND	1	9	3.0	2	199	386	.22	.087	4	171	4.39	130	.01	2	5.45	.01	.10	1	160
90G-25-W24	86	19874	2	74	7.4	29	24	1351	5.64	6	5	ND	1	26	1.6	2	5	78	.64	.083	5	40	2.51	65	.01	6	2.78	.02	.16	1	710
90G-25-W25	38	23377	2	5	8.9	22	15	825	7.59	2	5	ND	1	40	1.5	2	2	66	.55	.080	2	31	1.91	38	.13	2	2.11	.01	.02	1	450
90G-25-W27	3	2572	29	9	3.1	6	16	217	3.98	90	5	29	1	4	.2	2	2	10	.19	.024	2	5	.08	50	.01	6	.27	.01	.11	1	20400
90G-25-W28	1	326	3	71	.5	9	189	578	10.33	8	5	ND	1	23	.3	2	2	117	.34	.092	2	4	2.12	24	.23	2	1.88	.06	.04	1	3
90G-25-W29	1	41	2	52	.1	11	40	591	7.65	34	5	ND	1	40	.2	2	2	107	.54	.086	2	3	1.68	81	.25	2	1.87	.05	.07	1	42
STANDARD C/AU-R	18	58	36	130	7.0	73	31	1054	3.98	41	19	6	40	52	19.9	15	19	59	.47	.097	40	60	.90	183	.08	41	1.91	.06	.13	13	520

ASSAY RECOMMENDED for Cu > 1%
Ag > 30 ppm

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
90F-25-W19	1	61	5	175	.4	45	32	2241	7.02	2	5	ND	1	309	.2	2	2	57	23.31	.014	9	22	5.95	1402	.01	6	.26	.03	.01	1	11
90F-25-W20	2	4	2	42	.2	15	9	826	1.90	2	5	ND	1	89	.3	2	2	28	6.11	.018	2	38	1.14	35	.01	3	.23	.01	.04	1	1
90F-COR-X06	21	226	6	19	1.5	25	16	198	5.28	13	5	ND	1	1193	1.3	3	2	28	12.68	.022	4	20	.54	47	.15	3	5.84	.57	.36	1	4
90F-COR-X09	2	103	3	47	.6	23	41	173	9.55	12	5	ND	1	76	.4	4	2	48	9.85	.033	2	24	.58	55	.17	2	1.62	.06	.59	1	660
90F-COR-X12	21	6128	9	420	21.2	17	28	541	5.53	4	5	ND	1	201	12.1	2	2	202	2.92	.069	5	35	1.12	71	.16	4	4.03	.25	.43	1	66
90F-COR-X14	1	67	11	58	.5	12	20	757	7.29	2	5	ND	1	52	.2	2	2	57	2.14	.217	2	15	1.58	25	.10	5	2.61	.10	.74	1	10
90F-COR-X15	1	175	2	119	1.3	29	64	1616	24.71	4	5	ND	2	31	1.8	2	2	533	.32	.007	7	72	1.11	34	.16	2	3.73	.11	.80	1	35
90F-COR-X16	56	48	417	1205	12.2	17	51	2372	13.65	104	5	ND	1	179	25.1	2	83	9	29.08	.006	2	8	.17	10	.01	2	.21	.01	.01	24	170
90F-COR-X17	1	95	6	10	1.4	154	62	126	13.20	2	5	ND	1	253	.2	2	4	22	3.23	.039	2	55	.88	8	.06	3	4.02	.13	.02	1	9
90F-COR-X18	17	3374	19	114	15.5	22	149	1437	16.15	63	5	ND	2	76	.9	4	14	56	.56	.133	3	48	1.45	8	.16	5	1.60	.01	.05	1	280
90G-24-K01	1	62	232	25	28.9	7	21	3664	7.27	68	5	ND	2	86	1.4	5	314	9	18.49	.003	2	27	.26	2	.01	4	.29	.01	.01	43	61
90G-25-K01	2	1093	4	46	1.0	13	9	1503	2.40	36	5	ND	1	107	.5	3	2	28	9.39	.022	2	10	2.63	283	.01	8	.19	.01	.07	1	21
90G-25-K02	3	4442	4	13	4.3	12	4	396	1.22	8	5	38	2	13	.7	3	2	9	.80	.023	2	9	.17	33	.01	7	.18	.01	.08	2	41200
90G-25-K03	3	2464	2	4	.5	14	25	176	1.13	8	5	ND	2	10	.7	2	2	5	.15	.016	2	10	.07	50	.01	5	.20	.01	.07	1	1660
90G-25-K04	2	42	7	27	.5	12	9	280	4.14	6	5	ND	1	57	.4	2	2	30	.23	.035	3	18	.48	285	.01	6	.72	.03	.06	1	54
90G-25-K05	2	1407	2	8	.4	9	6	476	1.14	4	5	ND	2	25	.3	2	2	6	2.42	.011	2	6	.13	23	.01	4	.20	.01	.04	1	730
90G-25-K06	1	197	7	39	.8	9	10	3303	3.00	2	5	ND	1	595	.8	6	2	49	21.13	.023	4	15	1.88	1397	.01	6	1.11	.01	.06	1	17
90G-25-K07	1	6	2	29	.3	7	7	1745	2.33	9	5	ND	2	186	.6	6	2	47	22.22	.025	5	22	.75	36	.01	4	.73	.01	.06	1	3
90G-25-K08	1	5308	2	85	6.2	20	24	1150	6.47	2	5	ND	1	55	.6	4	2	120	4.44	.131	8	32	2.33	145	.03	4	2.06	.03	.06	1	22
90G-25-K09	1	1881	4	83	1.7	19	23	1216	6.56	2	5	ND	1	72	.3	3	2	166	4.94	.124	7	36	2.81	272	.06	4	2.66	.03	.05	1	13
90G-25-K10	1	4850	2	90	2.2	24	31	1174	7.02	2	5	ND	1	81	1.5	3	2	105	2.90	.141	6	39	3.63	52	.18	6	3.37	.02	.03	1	12
90G-25-W10	1	6058	8	47	1.4	15	34	1070	10.25	77	5	ND	1	46	.2	4	5	49	4.27	.028	2	21	1.07	16	.01	3	1.30	.01	.05	1	190
90G-25-W11	3	270	3	7	.2	9	3	540	.66	6	5	ND	2	55	.2	2	2	10	3.51	.018	2	8	.15	137	.01	10	.22	.01	.05	1	380
90G-25-W13	1	1031	6	154	10.5	19	19	204	2.02	273	5	ND	2	67	8.4	116	2	16	.32	.014	2	9	.13	134	.01	8	.36	.01	.03	1	41
90G-25-W14	1	21	5	41	.4	11	6	204	1.10	9	5	ND	2	84	.9	2	2	25	1.33	.035	2	14	.40	922	.01	6	.31	.01	.07	1	1630
90G-25-W18	1	1627	11	141	1.6	55	25	1214	6.57	3	5	ND	1	58	.9	4	2	164	6.18	.114	3	122	4.05	100	.16	3	3.38	.03	.01	1	62
90G-COR-X07	16	3829	20	153	10.1	44	9	2033	4.21	16	5	ND	1	51	2.6	5	3	43	9.61	.027	2	24	.63	212	.05	4	1.28	.01	.01	225	38
90G-COR-X08	7226 ✓	175	103	30	.4	5	5	3162	2.05	6	5	ND	2	17	1.1	2	12	18	4.72	.011	2	28	.39	40	.02	3	1.09	.01	.02	468	7
90G-COR-X10	5496 ✓	1575	31689 ✓	13	197.1 ✓	7	2	84	.02	5	6	89	5	68	71.9	347	32175 ✓	1	.22	.011	2	3	.02	21	.01	6	.08	.01	.01	14	12960
90G-COR-X11	289	424	217	46	7.6	7	11	312	3.52	8	5	ND	2	32	1.1	5	511	48	.57	.117	3	22	1.40	90	.18	5	1.33	.06	.64	4	11
90G-COR-X13	18	29779	16	992	76.7	14	43	1175	8.68	30	5	ND	1	82	17.6	4	58	24	2.48	.015	2	36	.49	24	.06	2	1.51	.04	.02	1	350
STANDARD C/AU-R	18	61	36	129	7.0	70	32	1053	3.98	41	18	7	38	53	18.8	15	19	56	.51	.097	37	60	.91	181	.07	38	1.89	.07	.13	11	540

✓ ASSAY RECOMMENDED

Quest Canada Exploration FILE # 90-4399

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
90G-25-X01	2	184	2	29	.1	6	10	702	3.79	6	5	ND	1	66	.2	2	2	49	3.51	.132	2	3	.74	31	.18	7	2.26	.12	.05	1	1
90G-25-X02	10	209	3	21	.2	5	12	405	3.47	9	5	ND	1	37	.2	2	2	36	2.17	.131	2	4	.51	22	.15	10	1.83	.09	.04	1	7
90G-25-X03	15	228	6	52	.4	11	7	491	3.99	69	5	ND	1	32	.2	2	3	27	1.58	.091	3	4	.39	18	.09	6	1.66	.10	.04	1	9
90G-25-X04	1	8	2	13	.1	44	5	1710	1.98	8	5	ND	1	162	.2	2	2	24	15.45	.046	3	17	.78	1622	.01	12	2.09	.01	.07	1	2
90G-26-K01	1	30317	2	20	7.5	2	10	383	5.60	10	5	ND	1	4	1.2	2	5	10	.19	.040	2	1	.32	32	.01	3	.64	.02	.06	1	549
90G-26-K02	2	7482	2	32	2.5	8	11	650	3.07	9	5	ND	1	4	.2	2	2	10	.23	.021	3	6	.43	21	.01	3	.70	.02	.05	1	504
90G-26-K03	1	4085	4	92	.1	3	12	615	4.85	7	5	ND	1	9	.2	2	3	20	.38	.115	6	2	.04	59	.01	5	.60	.01	.13	1	5
90G-26-K04	2	29762	2	11	9.8	11	9	228	4.12	19	5	ND	1	7	1.9	4	2	7	.60	.018	2	8	.12	55	.01	3	.27	.01	.04	1	2
90G-26-K05	1	23733	2	1	5.6	4	4	145	3.51	10	5	ND	1	3	.9	2	2	1	.14	.009	2	2	.04	44	.01	3	.10	.01	.01	1	1557
90G-26-K06	29	274	24	89	.5	10	53	1051	17.56	12	5	ND	1	32	1.2	2	2	138	1.51	.106	5	5	1.60	8	.04	2	2.40	.03	.05	1	9
90G-26-K07	7	6231	15	1291	2.1	12	6	186	2.19	19	5	7	1	4	7.5	2	2	7	.24	.016	2	8	.05	22	.01	3	.14	.01	.05	1	12267
90G-26-K08	20	2060	31	121	9.0	8	4	57	3.38	59	5	23	1	11	.2	2	9	6	.02	.019	2	6	.01	65	.01	3	.13	.01	.07	1	24390
90G-26-K09	1	21136	2	143	.1	27	31	1218	6.12	5	5	ND	1	9	1.1	2	2	79	.35	.114	5	3	2.37	56	.01	4	3.21	.02	.15	1	405
90G-26-K10	1	14588	7	128	.1	4	15	989	4.33	40	5	ND	1	7	.6	2	2	22	.33	.108	6	1	1.09	35	.01	4	1.86	.02	.16	1	180
90G-30-R187	1	721	2	65	.6	33	21	638	5.63	10	5	ND	2	35	.3	2	2	157	2.19	.232	5	6	2.53	47	.13	2	3.03	.03	.64	1	4
90G-30-R188	1	4183	2	83	3.7	38	23	346	1.93	3	5	ND	1	30	1.7	2	2	13	5.79	.043	2	81	.42	3	.05	2	.43	.01	.02	1	10
90G-30-R189	1	6329	4	229	15.4	131	55	944	7.40	153	5	ND	1	84	4.2	2481	3	71	3.30	.069	2	7	1.59	52	.05	3	1.79	.01	.17	1	315
90G-30-R190	1	982	2	162	4.8	9	15	811	5.05	2	5	ND	1	17	.2	6	2	91	.86	.060	2	22	1.46	46	.22	2	2.22	.02	.06	1	198
90R-26-A01	1	6909	239	35	27.5	7	10	315	4.35	137	5	ND	1	16	.6	2	2	6	.68	.038	2	4	.04	27	.01	3	.23	.01	.11	2	675
STANDARD C/AU-R	18	58	38	131	6.9	71	32	1047	3.99	40	21	7	39	53	18.9	15	19	56	.52	.094	38	58	.89	181	.09	37	1.89	.06	.14	13	540

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6

GEOCHEMICAL ANALYSIS CERTIFICATE

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P.O. Box 11569 Vancouver, Vancouver BC V6B 4N8

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
90C-17-S-32	3	484	2	7	.2	11	4	132	1.46	6	5	ND	1	7	.2	2	2	10	.05	.014	2	9	.01	72	.01	2	.12	.01	.05	1	16
90C-17-S-33	3	13	2	10	.1	8	5	227	1.34	2	5	ND	1	30	.2	2	2	9	1.03	.046	2	28	.13	269	.01	2	.14	.03	.07	1	6
90C-17-S-34	2	18	2	8	.1	7	2	53	1.14	5	5	ND	1	4	.2	2	2	8	.01	.009	2	6	.01	81	.01	2	.13	.01	.05	2	5
90C-25-C-125	1	4584	2	45	1.3	131	11	1889	2.96	7	9	ND	1	122	.8	2	2	45	16.17	.017	4	82	3.17	164	.01	2	1.40	.01	.02	1	31
90C-25-C-127	1	7932	2	49	1.8	143	16	1024	4.11	8	5	ND	1	27	.9	2	2	69	4.35	.029	3	100	2.79	53	.01	5	2.62	.01	.01	1	880
90C-25-C-128	3	16728	2	31	2.7	304	21	1163	4.31	6	8	2	1	52	1.6	2	2	60	5.84	.027	2	258	2.54	68	.01	7	2.08	.01	.02	2	1260
90F-10-K-20	1	264	3635	5502	21.6	11	12	4897	4.71	830	5	ND	1	115	59.1	7	2	15	4.71	.105	5	10	.67	60	.01	2	.40	.01	.23	1	82
90F-10-W-22	22	642	10	45	1.9	13	25	568	36.49	102	5	ND	4	14	.8	2	2	100	.51	.043	2	1	.06	342	.02	2	.46	.01	.04	2	82
90F-25-C-124	2	26	4	7	.1	11	3	965	1.18	9	6	ND	1	257	.3	2	2	6	10.60	.008	9	6	.11	55	.01	2	.15	.01	.02	1	6
90F-25-C-125	1	121	3	43	.1	8	14	828	4.19	6	5	ND	1	33	.3	2	2	81	1.82	.100	3	5	1.32	36	.10	2	1.85	.04	.07	1	17
90F-25-C-140	2	294	3	9	.1	8	10	73	3.58	2	5	ND	1	38	.2	2	2	26	1.26	.098	2	15	.26	53	.08	7	1.13	.09	.08	1	2
90F-25-C-142	1	42	118	211	.8	69	8	2686	3.05	26	10	ND	1	286	2.0	2	2	44	20.32	.016	5	55	1.96	15	.01	2	1.73	.01	.02	1	7
90F-25-R-186	1	7832	5	40	5.3	300	26	117	3.13	18	5	ND	1	437	.9	16	2	45	.47	.018	2	380	1.63	76	.01	2	1.30	.01	.03	1	12
90G-10-K-21	1	183	9	73	.6	32	31	797	6.26	4	5	ND	1	95	.6	2	2	112	3.37	.136	4	112	2.21	43	.13	2	2.35	.04	.13	1	5
90G-10-K-22	7	14	96	164	1.1	21	5	2850	4.78	41	18	ND	1	68	1.3	2	2	15	10.99	.032	4	23	.30	335	.01	2	.60	.01	.16	1	42
90G-10-K-23	2	47	10	22	.4	23	21	149	3.50	8	5	ND	1	56	.6	2	2	23	1.36	.143	4	24	.44	37	.24	2	.79	.05	.04	1	4
90G-10-W-20	2	40	7	30	.1	16	9	1922	1.42	7	5	ND	1	73	.7	2	2	12	1.30	.060	3	19	.08	33	.06	2	.69	.01	.01	2	2
90G-10-W-21	3	53	1021	1897	12.5	11	3	1165	1.12	18	5	ND	14	20	16.6	2	2	2	.27	.006	3	10	.05	411	.01	2	.24	.01	.12	3	4
90G-10-W-23	12	474	6	38	1.0	11	62	296	7.16	4	5	ND	1	36	.8	2	2	25	2.35	.049	2	19	.35	30	.17	2	.58	.03	.03	2	25
90G-10-W-24	17	191	8	20	.8	13	43	392	6.18	9	5	ND	1	79	.6	2	3	33	3.40	.084	3	13	.24	32	.18	2	.68	.02	.03	1	50
90G-23-K-11	2	9027	26	88	2.7	8	3	138	2.16	455	5	3	1	4	1.8	24	2	1	.02	.006	2	6	.01	8	.01	2	.05	.01	.02	1	5250
90G-25-C-139	7	51306	5	41	10.0	147	18	649	10.65	2	7	5	1	11	5.0	2	8	50	.66	.036	2	77	1.34	28	.01	2	1.20	.02	.02	4	6380
90G-25-C-141	1	101	3	30	.1	632	44	893	5.20	6	5	ND	1	442	.2	2	2	64	4.18	.029	2	400	9.62	198	.01	4	1.54	.01	.11	1	13
90G-25-F-08	24	103	16	56	.5	35	8	434	5.12	30	5	ND	1	10	.2	3	2	84	.53	.085	4	40	1.37	18	.01	2	1.67	.02	.09	1	4
90G-25-F-09	2	1841	2	112	.6	3	7	894	3.22	161	5	ND	1	40	2.2	16	2	11	4.02	.054	4	2	.54	54	.01	3	.36	.01	.11	1	720
90G-25-F-10	2	32306	5	1	6.4	6	26	833	7.43	24	19	ND	1	50	3.0	2	9	1	7.39	.009	2	3	.01	29	.01	2	.06	.01	.04	2	480
90G-25-F-11	2	3976	3	7	.7	10	7	374	1.57	13	5	ND	1	28	.6	2	2	3	2.88	.008	2	8	.09	81	.01	2	.13	.01	.03	1	7
90G-25-F-12	5	2301	6	45	.9	10	16	450	3.53	56	5	ND	1	13	.2	2	2	25	.97	.036	2	34	.56	49	.01	2	.97	.01	.11	2	78
90G-25-F-13	4	10375	20	24	7.8	9	39	157	6.72	30	5	31	1	1	.8	2	2	6	.02	.010	2	4	.08	8	.01	2	.16	.01	.02	1	24600
90G-25-R179	1	311	5	61	.2	10	20	681	5.13	5	5	ND	1	47	.4	2	2	63	.86	.110	2	6	1.77	72	.13	2	1.85	.04	.04	1	17
90G-25-R180	2	4970	4	180	6.2	107	30	413	3.89	26	5	ND	1	33	2.7	2	2	51	1.29	.089	2	105	1.57	27	.18	3	1.94	.07	.11	1	70
90G-25-R181	21	205	320	63	2.7	87	12	215	.87	14	5	ND	1	77	1.1	41	2	22	1.19	.003	3	190	1.25	51	.01	2	.45	.01	.03	1	11
90G-25-R182	1	140	2	21	.2	110	25	815	4.74	8	5	ND	1	384	.3	2	2	44	3.15	.090	3	69	4.84	162	.01	2	.18	.07	.02	1	81
90G-25-R183	1	45	2	40	.1	272	18	1498	3.36	13	7	ND	1	333	.3	2	2	34	8.03	.004	2	213	4.60	37	.01	2	.71	.01	.05	1	4
90G-25-R184	1	1033	2	17	.7	113	9	866	1.95	4	5	ND	1	229	.5	7	2	16	4.19	.003	2	84	2.41	54	.01	4	.33	.01	.07	1	3
90G-25-R185	1	656	3	61	.5	433	27	1039	3.66	2	5	ND	1	340	.3	3	2	47	3.46	.008	2	381	3.38	1244	.01	2	1.76	.01	.05	1	3
STANDARD C/AU-R	18	57	38	130	6.5	67	31	1044	3.94	39	18	6	38	52	18.7	15	20	56	.51	.087	35	55	.90	180	.09	33	1.89	.06	.13	13	510

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-P2 ROCK P3-P8 SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: SEP 13 1990 **DATE REPORT MAILED:** Sept 17/90 **SIGNED BY.** D. Toye ..D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
90-F1-F01	2	24	8	39	.2	9	61	470	5.24	7	5	ND	1	82	1.7	2	2	75	2.50	.101	3	29	.75	48	.08	7	.78	.06	.15	2	36
90-F26-F02	1	836	14	189	.4	6	20	1493	7.70	14	5	ND	1	59	.2	6	2	106	6.63	.111	4	19	1.58	27	.01	4	1.69	.03	.15	1	8
90-F16-W4	1	149	5	18	.1	276	25	1222	3.40	2	7	ND	1	143	.8	2	2	43	14.09	.042	2	146	5.77	72	.01	2	.22	.01	.07	1	2
90-F16-W6	1	23	20	134	.4	11	38	2642	8.64	2	5	ND	1	6	1.8	11	2	101	.18	.131	7	28	1.75	19	.01	2	3.82	.05	.07	6	1
90-F16-W8	4	5	5	17	.1	18	2	324	.61	4	5	ND	1	2	.2	2	3	4	.11	.004	2	10	.06	22	.01	4	.10	.01	.01	1	1
90-F16-W9	1	3	7	34	.2	8	4	654	2.35	19	5	ND	1	20	.3	2	2	10	1.35	.069	4	13	.38	82	.03	15	.75	.04	.16	1	1
90-F16-W13	1	324	9	196	.3	18	14	486	3.82	14	5	ND	1	12	1.2	2	2	109	4.07	.085	3	56	.52	3	.17	12	2.74	.04	.02	1	47
90-F22-W1	19	26	6	28	.1	10	7	328	1.90	14	5	ND	1	18	.2	2	2	22	.28	.059	2	16	.65	56	.06	7	.66	.03	.06	3	40
90-F22-W2	3	10	146	5	.6	6	1	72	.34	2	5	ND	1	19	.2	2	2	2	.26	.001	3	6	.02	10	.01	2	.05	.01	.01	1	13
90-F23-W1	1	12566 ✓	8	69	17.1	10	23	1179	5.86	2	5	ND	1	133	3.1	8	2	124	5.74	.127	4	24	2.54	122	.13	2	2.76	.03	1.03	1	300
90-F23-W2	1	34	20	90	.5	2	18	1911	9.86	27	5	ND	1	380	.2	11	2	44	16.47	.016	2	19	4.32	1412	.01	9	.16	.01	.10	1	9
90-F26-W2	4	1732	5	11	.4	14	4	314	1.09	16	5	ND	1	10	.2	2	2	2	.76	.005	2	10	.03	19	.01	2	.07	.01	.02	1	350
90-F26-W3	1	6383	9	32	.9	26	19	686	3.60	6	5	ND	1	45	1.5	2	2	30	5.91	.024	2	36	.59	77	.01	2	.68	.01	.04	1	420
90-F26-W4	5	421	8	25	.2	27	8	187	1.35	3	5	ND	1	207	.2	2	2	15	.17	.031	2	19	.85	808	.01	5	.82	.01	.08	2	16
90-G16-F01	1	346	9	31	.1	8	15	587	5.64	6	5	ND	1	117	1.1	2	2	94	2.05	.101	3	13	1.00	127	.17	6	3.94	.24	.20	1	6
90-G16-F02	1	774	8	60	.6	4	11	592	3.54	5	5	ND	1	22	.8	3	2	36	2.07	.170	12	10	.94	48	.24	12	1.90	.07	.09	3	7
90-G16-F03	2	189	76	544	.6	15	11	426	2.44	141	5	ND	1	35	4.8	2	2	49	1.78	.104	3	14	.62	295	.12	7	1.70	.12	.05	2	4
90-G16-F04	1	116	9	28	.3	11	9	310	3.08	38	5	ND	1	46	.5	2	2	57	1.24	.111	3	14	.69	33	.16	12	1.88	.15	.08	1	4
90-G16-F05	1	478	18	77	.8	49	26	1058	5.73	172	5	ND	1	45	1.1	12	3	85	4.72	.125	4	63	1.64	99	.09	11	2.36	.03	.19	3	28
90-G16-F06	1	388	10	41	.2	14	12	389	2.96	7	5	ND	1	36	1.3	2	2	97	2.28	.108	2	25	.92	21	.24	6	2.36	.14	.07	2	6
90-G25-F05	1	7656	2	29	4.7	304	30	2308	3.54	10	5	ND	1	143	1.9	9	2	43	27.90	.012	3	212	1.42	17	.01	2	1.32	.01	.01	1	410
90-G25-F06	9	76997 ✓	14	23	23.4	311	33	700	20.48	8	5	7	1	8	8.3	10	17	71	.44	.010	2	202	.92	27	.01	8	1.31	.01	.01	1	4220
90-G26-F01	3	240	5	33	.1	6	4	840	2.12	3	5	ND	1	78	.2	2	5	7	4.98	.008	2	12	.80	82	.01	10	.08	.01	.04	1	17
90-G26-F03	1	5484	11	121	1.2	4	11	2107	6.53	4	7	ND	1	93	1.6	6	2	45	11.27	.067	7	17	1.66	29	.01	3	2.85	.03	.09	1	4
90-G26-F04	1	2123	2	132	.5	3	15	1252	5.93	3	5	ND	1	38	.8	5	2	54	3.31	.131	7	18	1.57	40	.01	7	2.86	.06	.15	1	7
90-G16-K01	1	38	2	27	.1	266	30	726	4.92	2	5	ND	1	396	1.0	2	2	39	19.06	.021	2	92	7.77	493	.01	7	.42	.01	.03	1	1
90-G16-K02	1	73	2	18	.1	77	11	736	2.45	3	5	ND	1	248	.2	2	2	12	24.62	.020	3	44	4.55	40	.01	12	.17	.01	.05	1	1
90-G16-K03	16	166	12	87	.1	35	14	575	4.85	27	5	ND	1	24	1.4	2	2	138	1.67	.299	17	66	.47	34	.03	2	.86	.05	.08	1	2
90-G16-K04	9	271	10	53	.3	44	14	487	12.07	10	5	ND	1	27	.2	6	2	141	1.38	.106	7	124	.84	19	.30	2	1.84	.07	.05	1	1
90-G16-W1	1	37	8	18	.1	436	27	483	3.03	23	5	ND	1	438	.2	2	2	25	18.28	.012	2	131	7.71	6	.01	2	.15	.01	.04	1	3
90-G16-W2	1	25	10	14	.1	364	32	848	3.43	6	5	ND	1	283	.2	2	2	35	11.92	.016	2	104	7.78	966	.01	7	.32	.01	.06	1	1
90-G16-W3	1	13	4	18	.1	126	17	676	3.85	4	5	ND	1	119	.5	2	2	40	13.84	.035	2	113	5.48	33	.01	10	.28	.01	.10	1	6
90-G16-W5	1	11	5	25	.1	520	35	412	3.32	2	6	ND	1	119	.7	2	2	72	10.93	.038	2	407	4.75	94	.01	5	1.08	.01	.06	1	2
90-G16-W7	3	8	5	13	.1	9	5	435	1.42	2	5	ND	1	216	.2	2	2	21	1.83	.092	2	10	.30	24	.11	9	1.31	.01	.02	1	4
90-G16-W10	1	8	10	31	.3	1	4	4052	4.23	835	6	ND	1	116	.7	4	2	4	27.05	.024	12	5	.17	13	.01	2	.22	.02	.07	1	38
90-G16-W11	1	14	31	80	.4	2	7	971	2.40	140	8	ND	1	27	.4	2	2	7	7.33	.095	14	4	.08	56	.01	7	.54	.03	.14	1	17
STANDARD C/AU-R	18	63	38	134	7.7	74	31	1076	3.94	44	17	8	36	51	18.6	16	22	55	.48	.095	37	60	.82	180	.07	33	1.88	.06	.13	13	480

✓ **ASSAY RECOMMENDED**

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
90-G16-W12	1	529	2	30	.4	21	6	1038	4.00	939	5	ND	2	81	.4	3	2	25	8.89	.097	6	4	1.05	36	.01	2	1.09	.01	.16	1	230
90-G25-W5	2	1255	5	152	1.3	22	22	1170	6.28	2	5	ND	1	42	.8	2	2	122	1.50	.073	2	7	2.79	39	.03	2	3.16	.01	.08	1	10
90-G26-W1	2	11	3	19	.1	11	2	275	.97	9	5	ND	3	58	.2	2	2	5	1.45	.005	3	7	.50	43	.01	6	.15	.06	.04	2	48
90-G19-X01	1	466	6	92	.9	10	15	1603	4.80	6	5	ND	1	37	.2	2	2	82	.56	.168	7	7	1.58	76	.08	5	1.98	.03	.28	5	50

APPENDIX II.

INDUCED COUPLED PLASMA ANALYSES

SOIL SAMPLES
AND STREAM SEDIMENT SAMPLES

Note 1. Samples prepared and analysed by Acme Analytical Laboratories Ltd. Vancouver, B.C.

Note 2. Sample Number Code -

```
              90G - 25 - K01
             / /    \    \ \
        1990 /   Yehiniko\ \
            /      project \ \sample reference no.
     G = grab sample        \
     C = chip sample     sample taken by
     L = silt sample     K = Kushner
     F = float sample    F = Faragher
                         S = Ostensoe
                         W = Wilkins
                         X = Basil
                         R = Ridley, D.
                         C = Ridley, C.
                         Q = McLellan
```

852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: NOV 20 1990
DATE REPORT MAILED: Nov 26/90

GEOCHEM PRECIOUS METALS ANALYSIS

Quest Canada Exploration FILE # 90-4747R

SAMPLE#	Au ppb	Pt ppb	Pd ppb	Rh ppb
25 BL 100E 94+75N	8	2	2	2
25 BL 100E 84+25N	1	4	2	2
25 L96N 101+50E	2	4	5	7
25 L96N 105+75E	6	6	36	2
25 L90N 106+50E	2	1	4	2

10 GRAM SAMPLE FIRE ASSAY AND ANALYSIS BY ICP/GRAPHITE FURNACE.
- SAMPLE TYPE: SOIL PULP

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

ACME ANALYTICAL LABORATORIES
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: NOV 20 1990
DATE REPORT MAILED: Nov 26/90

GEOCHEM PRECIOUS METALS ANALYSIS

Quest Canada Exploration FILE # 90-4820R

SAMPLE#	Au ppb	Pt ppb	Pd ppb	Rh ppb
25 L94N 109+50E	3	2	24	3
25 L86N 95+25E	23	4	13	2

10 GRAM SAMPLE FIRE ASSAY AND ANALYSIS BY ICP/GRAPHITE FURNACE.
- SAMPLE TYPE: SOIL PULP

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

DATE RECEIVED: DEC 17 1990
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011 DATE REPORT MAILED: Dec 24/90

GEOCHEM PRECIOUS METALS ANALYSIS

Coast Mountain Geological Ltd. FILE # 90-2019R

SAMPLE#	Au ppb	Pt ppb	Pd ppb	Rh ppb
90-L25-F05	8	1	4	2
90-L25-F06	3	1	2	2
90-L25-F07	4	3	14	2
90-L25-F10	3	3	8	2
90-L25-W3	7	1	2	2
90-L25-W4	72	2	3	3
90-L25-W6	3	4	6	2
90-L25-W7	1	1	2	2
90-L26-W12	16	8	3	2
STANDARD FA-100R	44	45	48	9

10 GRAM SAMPLE FIRE ASSAY AND ANALYSIS BY ICP/GRAPHITE FURNACE.
- SAMPLE TYPE: SOIL PULP

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Quest Canada Exploration File # 90-4894 Page 1
P.O. Box 11569 Vancouver, Vancouver BC V6B 4N8

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
25 3200' 0+00	1	58	17	84	.2	13	13	552	4.08	27	5	ND	3	50	.2	2	2	79	.74	.088	17	22	.83	154	.07	3	1.56	.04	.07	1	12
25 3200' 1+00	1	45	17	81	.1	12	11	408	3.99	26	5	ND	3	42	.2	2	4	79	.62	.095	16	22	.74	119	.07	3	1.38	.04	.06	1	6
25 3200' 1+50	1	39	16	78	.1	13	12	479	3.53	27	5	ND	3	37	.2	2	2	64	.50	.097	14	19	.70	87	.06	5	1.21	.03	.07	1	12
25 3200' 2+00	1	29	11	71	.1	11	10	409	3.22	22	5	ND	2	36	.2	2	2	63	.48	.094	14	19	.68	83	.05	3	1.13	.03	.07	1	8
25 3200' 2+50	1	42	17	84	.1	12	12	569	3.45	25	5	ND	3	38	.2	2	2	62	.53	.097	15	19	.72	98	.06	5	1.22	.04	.07	1	8
25 3200' 3+00	1	21	9	42	.1	4	6	269	2.27	9	5	ND	4	31	.2	2	2	47	.48	.081	12	12	.49	41	.06	4	.92	.04	.06	1	4
25 3200' 3+50	1	28	7	48	.1	4	7	284	2.59	5	5	ND	4	39	.2	2	2	58	.61	.091	14	14	.60	48	.09	2	1.10	.05	.06	2	3
25 3200' 4+00	1	20	7	47	.1	4	5	225	2.32	4	5	ND	4	34	.2	2	2	58	.56	.089	15	13	.47	40	.06	3	.89	.04	.05	2	3
25 3200' 4+50	1	30	5	56	.1	4	7	303	2.79	8	5	ND	5	39	.2	2	3	60	.61	.092	16	14	.62	55	.09	2	1.11	.05	.06	1	7
25 3200' 5+00	1	26	7	60	.2	6	7	280	2.57	6	5	ND	5	38	.2	2	2	58	.61	.095	15	14	.58	55	.08	3	1.05	.05	.06	1	4
25 3200' 5+50	1	31	6	46	.2	5	6	221	2.38	10	5	ND	4	32	.2	2	2	53	.51	.089	14	13	.52	47	.06	4	.92	.04	.07	1	4
25 3200' 6+00	1	21	6	52	.1	3	6	274	1.85	3	5	ND	3	36	.2	2	4	46	.60	.105	14	13	.56	65	.07	5	1.00	.05	.07	1	2
25 3200' 6+50	1	20	6	45	.1	4	6	248	2.13	4	5	ND	3	36	.2	2	2	52	.60	.103	15	12	.57	67	.07	3	1.00	.05	.08	2	5
25 3200' 7+00	1	24	11	41	.1	5	5	202	1.99	8	5	ND	3	32	.2	2	2	48	.50	.087	12	12	.51	50	.06	4	.92	.04	.07	1	3
25 3200' 7+50	1	25	10	44	.2	5	5	200	2.11	11	5	ND	3	31	.2	2	2	51	.51	.092	13	13	.49	43	.06	5	.87	.04	.07	1	5
25 3200' 8+00	1	30	9	55	.3	6	7	291	2.45	7	5	ND	3	39	.2	2	2	55	.56	.088	15	15	.71	58	.09	2	1.27	.05	.06	1	6
25 3200' 8+50	1	35	14	59	.2	7	8	309	2.71	9	5	ND	4	40	.2	2	2	59	.56	.084	14	15	.74	64	.09	3	1.32	.05	.06	1	3
25 3200' 9+00	1	34	8	59	.2	6	8	316	2.74	10	5	ND	4	41	.2	2	2	60	.59	.089	15	14	.76	64	.10	2	1.36	.06	.06	1	2
25 3200' 9+50	1	24	12	59	.1	6	7	288	3.19	12	5	ND	4	35	.2	2	2	70	.49	.085	14	17	.72	72	.07	2	1.39	.04	.05	1	5
25 3200' 10+50	1	43	11	81	.2	11	11	382	3.59	23	5	ND	4	41	.2	2	2	71	.60	.095	16	21	.75	109	.07	5	1.38	.04	.06	2	13
25 3200' 11+50	1	34	18	62	.1	10	9	324	3.49	20	5	ND	3	35	.2	2	2	70	.48	.084	14	19	.73	74	.06	3	1.38	.04	.05	1	5
25 3200' 12+00	1	40	13	66	.2	10	10	348	3.63	21	5	ND	4	35	.2	2	2	70	.47	.088	15	19	.73	77	.05	5	1.38	.03	.05	1	9
25 3200' 12+50	1	37	16	64	.1	10	9	327	3.57	22	5	ND	4	36	.2	2	2	71	.49	.090	16	19	.74	76	.06	3	1.41	.04	.05	1	6
25 3200' 13+00	1	32	10	55	.2	9	8	254	3.30	19	5	ND	4	30	.2	2	2	68	.42	.082	13	19	.61	59	.05	4	1.13	.03	.05	1	2
25 3200' 13+50	1	29	10	60	.1	9	8	299	3.50	18	5	ND	4	33	.2	2	2	73	.46	.083	14	20	.69	68	.06	4	1.31	.04	.05	1	5
25 3200' 14+00	1	28	9	56	.2	9	8	267	3.19	16	5	ND	4	31	.2	2	2	67	.43	.076	15	18	.61	63	.05	4	1.15	.03	.04	1	38
25 3200' 15+00	1	24	10	60	.2	11	8	292	3.14	12	5	ND	4	36	.2	3	2	70	.49	.082	14	20	.74	79	.07	4	1.40	.04	.05	1	4
25 L106N 107+25E	1	67	3	47	.3	452	45	601	5.04	4	5	ND	1	16	.2	2	2	86	.27	.053	2	654	4.87	88	.09	8	2.17	.03	.02	1	5
25 L106N 107+50E	1	33	7	48	.2	313	33	432	4.94	3	5	ND	1	8	.2	2	2	85	.17	.037	4	470	4.03	54	.12	6	2.30	.02	.02	1	2
25 L106N 107+75E	1	27	3	64	.3	292	30	545	5.63	5	5	ND	1	12	.2	2	2	95	.23	.101	3	645	3.75	61	.14	6	2.08	.03	.02	1	1
25 L106N 108+00E	1	44	2	53	.2	334	33	457	5.98	4	5	ND	1	11	.2	2	2	97	.21	.064	2	693	4.40	79	.09	5	2.33	.03	.03	1	3
25 L106N 108+25E	1	41	2	61	.3	365	39	673	5.49	4	5	ND	1	15	.2	2	2	85	.23	.069	3	683	4.23	107	.12	6	2.29	.03	.03	1	3
25 L106N 108+50E	1	78	4	41	.1	527	52	614	4.99	6	5	ND	1	16	.2	2	2	79	.23	.049	3	707	5.81	80	.07	7	2.57	.03	.03	1	1
25 L106N 108+75E	1	57	2	52	.3	407	43	748	5.07	3	5	ND	1	13	.2	2	2	84	.24	.065	3	620	4.42	116	.11	6	2.34	.03	.03	1	1
25 L106N 109+00E	1	66	5	39	.2	461	37	455	4.41	2	5	ND	1	17	.2	2	2	75	.27	.046	2	702	4.87	80	.09	6	2.21	.03	.03	1	3
25 L106N 109+25E	1	65	4	42	.1	448	38	491	4.35	2	5	ND	1	15	.2	2	2	72	.26	.044	2	644	4.91	77	.08	6	2.27	.03	.02	1	1
STANDARD C/AU-S	18	60	42	131	7.1	69	32	1051	3.95	41	18	7	37	53	18.9	16	19	56	.46	.094	37	58	.91	181	.07	34	1.89	.06	.13	12	47

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: SEP 28 1990 **DATE REPORT MAILED:** Oct 2/90. **SIGNED BY** C. Leong ......D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
25 L106N 109+50E	1	58	3	50	.3	424	40	593	5.73	2	5	ND	1	12	.2	2	5	89	.25	.062	3	626	4.07	74	.18	4	2.48	.03	.03	1	9
25 L106N 109+75E	1	35	7	54	.3	348	35	416	4.24	2	5	ND	1	14	.2	2	2	77	.28	.058	2	660	3.76	97	.09	3	1.87	.03	.03	1	1
25 L104N 107+00E	3	20	14	56	.7	84	18	687	6.42	9	5	ND	1	11	.5	2	4	89	.15	.093	13	155	.99	64	.48	2	3.98	.03	.04	1	2
25 L104N 107+25E	1	33	3	61	.3	334	34	596	5.66	2	5	ND	1	11	.2	2	3	90	.28	.065	2	659	3.89	68	.08	6	2.09	.03	.03	1	1
25 L104N 107+50E	1	33	6	65	.5	297	31	584	6.04	3	5	ND	1	15	.2	2	6	96	.26	.090	3	599	3.53	94	.09	5	2.15	.03	.05	1	3
25 L104N 107+75E	1	30	12	59	.4	302	39	821	5.68	3	5	ND	1	20	.2	2	4	96	.29	.077	3	609	3.61	91	.11	5	2.20	.03	.03	1	2
25 L104N 108+00E	1	36	7	49	.4	327	31	420	5.15	4	5	ND	1	11	.2	2	2	91	.27	.080	2	654	3.82	56	.09	3	2.12	.03	.02	1	22
25 L104N 108+25E	1	25	10	55	.4	273	32	900	5.10	2	5	ND	1	14	.2	2	2	94	.25	.089	2	572	3.29	89	.11	4	1.87	.03	.04	1	4
25 L104N 108+50E	1	37	2	53	.3	307	34	595	4.69	2	5	ND	1	13	.2	2	3	84	.26	.064	2	570	3.55	81	.07	6	1.97	.03	.03	1	1
25 L104N 108+75E	6	35	3	57	.4	279	36	900	4.85	4	5	ND	1	10	.2	2	3	89	.18	.070	3	558	3.08	79	.08	4	2.08	.03	.03	1	1
25 L104N 109+00E	2	24	5	67	.4	236	37	1932	5.64	2	5	ND	1	10	.2	3	4	90	.14	.072	6	534	2.88	59	.17	4	2.59	.03	.03	1	5
25 L104N 109+25E	1	36	7	50	.5	316	35	764	4.95	2	5	ND	1	11	.2	2	2	83	.21	.064	3	617	3.64	53	.09	5	2.10	.03	.03	1	2
25 L104N 109+50E	2	28	4	54	.4	259	30	1171	5.26	4	5	ND	1	12	.2	2	2	93	.23	.074	3	597	2.91	69	.11	3	2.19	.03	.04	1	1
25 L104N 109+75E	9	14	11	53	.1	144	25	883	3.94	2	5	ND	1	18	.2	2	6	82	.22	.048	3	312	1.75	107	.15	5	1.33	.02	.05	4	2
25 L104N 110+00E	13	23	7	95	.4	207	48	2641	4.83	12	5	ND	1	39	.2	2	3	112	.46	.097	5	404	2.14	186	.14	6	1.74	.03	.06	1	5
25 L102N 106+25E	2	23	4	73	.5	146	21	748	6.08	4	5	ND	1	10	.2	3	4	91	.14	.086	7	289	1.83	60	.21	4	2.72	.02	.03	1	1
25 L102N 106+50E	2	61	11	52	.6	53	12	326	6.58	9	8	ND	1	11	.4	2	2	94	.21	.124	27	116	.51	55	.37	2	5.31	.04	.04	1	3
25 L102N 106+75E	1	10	3	63	.5	213	22	565	4.61	2	5	ND	1	15	.2	3	2	84	.22	.079	3	436	3.07	154	.12	2	1.76	.02	.03	1	2
25 L102N 107+00E	1	33	11	113	.5	274	67	2363	5.88	26	5	ND	1	46	.2	2	4	126	.45	.203	9	396	2.99	795	.10	7	2.35	.03	.07	1	3
25 L102N 107+25E	1	32	2	59	.5	348	36	656	5.35	3	5	ND	1	16	.2	2	3	90	.26	.067	3	580	4.03	158	.12	7	2.01	.03	.04	1	1
25 L102N 107+50E	1	34	2	45	.5	315	43	779	4.67	2	5	ND	1	14	.2	2	2	84	.24	.051	2	595	3.72	103	.07	4	1.88	.03	.03	1	6
25 L102N 107+75E	1	16	10	58	.4	158	19	870	3.50	2	5	ND	1	16	.2	2	2	84	.21	.101	4	374	2.17	101	.15	3	1.40	.02	.04	1	2
25 L102N 108+00E	2	25	13	72	.4	279	28	469	4.43	2	5	ND	1	7	.2	2	5	76	.14	.049	3	546	3.19	37	.13	5	2.22	.02	.02	6	3
25 L102N 108+25E	1	39	2	58	.4	348	37	710	5.51	4	5	ND	1	9	.2	2	2	87	.19	.065	2	692	3.80	46	.10	4	2.30	.04	.03	1	2
25 L102N 108+50E	1	27	5	57	.5	338	29	526	5.55	2	5	ND	1	8	.2	3	2	95	.13	.061	3	686	4.30	39	.11	4	2.50	.03	.03	1	1
25 L102N 108+75E	8	20	6	76	.6	234	23	669	5.57	5	5	ND	1	18	.2	4	2	111	.18	.070	5	380	2.80	101	.28	4	2.22	.03	.06	1	2
25 L102N 109+00E	8	39	3	41	.4	376	29	376	6.71	56	5	ND	1	13	.2	3	2	113	.19	.058	2	827	3.76	52	.07	4	2.56	.02	.05	1	1
25 L102N 109+25E	16	23	4	90	.5	179	55	1991	4.71	90	5	ND	1	88	.2	3	2	99	.72	.140	5	327	2.13	323	.14	8	1.64	.03	.08	1	2
25 L102N 109+50E	17	31	9	81	.6	152	26	806	7.56	10	5	ND	1	33	.9	3	2	125	.28	.088	18	209	1.17	147	.53	2	2.11	.03	.07	1	1
25 L102N 109+75E	11	25	6	80	.7	160	27	1402	4.30	25	5	ND	1	64	1.4	3	2	93	.59	.129	11	187	1.16	484	.30	5	1.32	.04	.06	1	3
25 L102N 110+00E	20	12	9	83	.2	96	19	749	6.20	2	5	ND	1	18	.2	2	4	94	.20	.056	6	144	.98	106	.43	3	1.81	.02	.04	4	2
25 L100N 106+25E	1	62	7	52	.5	108	22	423	3.21	4	5	ND	1	49	.2	2	2	90	.95	.058	6	241	2.29	761	.09	2	1.87	.11	.14	1	3
25 L100N 106+50E	1	224	2	68	.6	316	39	985	4.48	65	5	ND	1	95	.2	4	2	249	.98	.192	27	475	2.53	1003	.09	8	2.34	.04	.10	1	6
25 L100N 106+75E	3	32	3	71	.5	248	25	816	4.90	10	5	ND	1	53	.2	2	2	121	.60	.102	4	522	3.29	407	.10	6	1.95	.03	.06	1	4
25 L100N 107+00E	6	42	6	77	.6	187	24	759	6.84	4	5	ND	1	40	.2	3	2	100	.39	.094	14	219	1.71	234	.20	4	3.11	.03	.06	1	5
25 L100N 107+25E	5	17	9	78	.3	90	14	678	3.88	3	5	ND	1	38	.2	2	2	127	.36	.113	6	223	1.33	296	.15	4	1.34	.03	.07	1	1
STANDARD C/AU-S	18	58	36	131	7.0	68	32	1051	3.95	38	17	7	37	53	18.4	15	20	56	.46	.094	38	59	.91	181	.07	34	1.89	.06	.13	11	54

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
25 L100N 107+50E	4	48	4	79	.5	234	17	453	4.70	5	5	ND	1	30	.2	2	2	91	.35	.131	6	262	1.83	215	.13	3	2.05	.03	.05	1	2
25 L100N 107+75E	4	17	8	80	.3	130	20	1034	4.13	5	5	ND	1	39	.2	2	2	90	.42	.106	5	208	1.65	259	.20	6	1.33	.02	.06	1	3
25 L100N 108+00E	4	15	4	69	.4	163	19	730	4.65	2	5	ND	1	15	.2	2	2	84	.23	.086	4	446	1.98	83	.11	3	1.65	.02	.05	1	1
25 L100N 108+25E	4	29	7	79	.5	254	68	1555	5.15	12	5	ND	1	25	.2	2	2	97	.27	.090	6	356	2.59	196	.13	3	1.86	.02	.05	1	2
25 L100N 108+50E	4	20	8	90	.6	179	50	1734	5.75	10	5	ND	1	20	.2	2	2	83	.32	.112	6	350	2.16	144	.15	6	1.94	.03	.05	1	2
25 L100N 108+75E	4	15	9	64	.4	183	29	1261	5.38	2	5	ND	1	24	.2	2	4	94	.25	.073	3	449	2.39	103	.14	4	1.63	.02	.04	1	1
25 L100N 109+00E	7	26	8	61	.6	197	24	730	5.06	10	5	ND	1	37	.4	2	2	112	.44	.070	7	227	2.02	273	.27	6	1.73	.03	.05	1	1
25 L100N 109+25E	9	35	4	90	.4	256	41	1531	5.20	13	5	ND	1	44	.2	2	2	99	.53	.118	10	219	2.08	212	.16	5	2.18	.03	.06	1	3
25 L100N 109+50E	5	22	4	90	.4	205	57	2693	4.47	3	5	ND	1	28	.2	2	2	82	.35	.114	4	318	1.99	230	.11	4	1.39	.03	.07	1	2
25 L100N 109+75E	5	52	11	170	.5	430	38	2453	4.26	9	5	ND	1	74	.4	2	2	77	.91	.168	11	266	2.27	471	.10	11	2.11	.03	.07	1	66
25 L100N 110+00E	2	24	5	111	.4	214	35	1130	5.09	6	5	ND	1	41	.2	2	2	85	.63	.089	3	216	3.17	239	.17	6	2.41	.04	.04	1	2
25 L84N 93+50E	1	78	4	33	.3	598	43	362	4.85	5	5	ND	1	43	.2	2	2	69	.55	.048	2	296	7.18	150	.10	2	3.47	.01	.19	1	1
25 L84N 93+75E	1	104	5	38	.3	665	55	597	5.14	4	5	ND	1	19	.2	2	2	90	.36	.057	4	293	7.00	44	.07	7	3.02	.01	.04	1	4
25 L84N 94+00E	1	83	4	28	.3	692	49	380	5.64	2	5	ND	1	38	.2	2	2	101	.59	.048	3	406	7.92	43	.07	4	3.37	.01	.04	1	4
25 L84N 94+25E	1	54	6	49	.3	574	40	457	4.53	4	5	ND	1	30	.2	2	2	77	.35	.079	4	299	6.26	72	.07	6	2.83	.02	.04	1	4
25 L84N 94+50E	1	99	7	44	.3	697	50	438	4.88	8	5	ND	1	43	.2	2	2	78	.64	.044	4	335	7.97	112	.09	6	3.58	.02	.05	1	6
25 L84N 94+75E	1	74	2	28	.2	577	41	371	4.83	2	5	ND	1	32	.2	2	2	82	.52	.043	3	374	6.61	119	.09	2	3.08	.02	.08	1	5
25 L84N 95+00E	1	64	4	33	.2	562	42	375	5.04	2	5	ND	1	24	.2	2	2	88	.43	.042	3	396	6.34	91	.09	4	2.79	.02	.07	1	6
25 L84N 95+25E	1	70	5	38	.3	576	42	435	5.17	5	5	ND	1	22	.2	2	2	88	.41	.042	4	387	6.33	84	.11	3	2.96	.03	.05	1	6
25 L84N 95+50E	1	78	6	45	.3	665	69	789	5.39	9	5	ND	1	18	.2	2	2	89	.31	.045	5	400	7.11	74	.10	6	3.15	.02	.04	1	6
25 L84N 95+75E	1	69	4	45	.3	497	42	560	5.62	7	5	ND	1	33	.2	2	2	89	.44	.059	6	430	5.05	76	.12	5	2.30	.04	.05	1	6
25 L84N 96+00E	1	83	8	77	.3	541	45	735	5.66	8	5	ND	1	23	.2	2	2	85	.36	.060	6	426	5.80	74	.14	7	3.28	.03	.05	1	4
CAN-L1	2	93	21	143	.6	41	17	912	4.17	32	5	ND	1	43	.7	2	2	94	.77	.123	10	81	1.19	147	.08	5	1.51	.03	.09	1	3
CAN-L2 (TF)	16	905	125	657	2.9	186	99	6485	15.47	432	5	ND	4	22	6.1	12	2	205	.62	.118	65	107	1.26	403	.07	10	2.08	.01	.08	1	64
90L-25-S5	3	141	29	123	.6	28	19	895	5.36	44	5	ND	1	166	.2	4	2	74	4.15	.144	16	21	.77	197	.01	7	1.11	.01	.09	1	12
90L-25-S6	2	131	35	149	.6	26	19	814	5.95	54	5	ND	1	186	.2	3	2	51	3.76	.144	16	17	.59	266	.01	6	1.05	.01	.12	1	11
90L-25-S7	1	74	20	110	.5	15	17	844	5.10	48	5	ND	1	97	.2	2	2	70	1.89	.124	13	15	.80	182	.02	8	1.38	.02	.08	1	3
90L-25-S8	1	152	5	87	.4	402	45	1925	5.84	27	5	ND	1	38	.2	2	2	59	.63	.094	10	162	3.88	165	.05	21	3.05	.02	.08	1	14
90L-25-S9	1	35	9	75	.5	36	15	1766	4.90	6	5	ND	1	92	.2	2	2	48	1.07	.136	9	34	1.28	241	.03	12	2.74	.02	.07	1	10
90L-25-S10	1	46	5	87	.4	46	17	1746	4.75	10	5	ND	1	95	.2	3	2	54	.91	.124	6	46	1.59	168	.06	7	3.38	.02	.06	1	4
90S-25-Q1	2	92	22	90	.4	21	17	1246	5.49	13	5	ND	1	19	.2	2	2	97	.18	.059	12	38	1.22	74	.07	4	3.31	.01	.06	1	19
90S-25-Q2	2	520	10	105	.4	21	21	2971	6.24	8	5	ND	1	26	.2	2	2	89	.45	.093	15	38	1.12	137	.07	4	2.96	.01	.09	1	73
90S-25-Q3	1	88	9	120	.4	15	14	1874	5.45	9	5	ND	1	28	.2	3	2	65	.90	.159	30	27	1.46	115	.02	2	2.94	.01	.09	1	11
90S-25-Q4	1	110	12	126	.5	22	20	1927	6.27	7	5	ND	1	25	.2	4	2	101	.59	.101	17	37	2.01	158	.03	3	3.38	.01	.09	1	11
90S-25-Q5	1	153	10	130	.5	28	21	1309	6.29	10	5	ND	1	27	.2	3	2	128	.72	.116	17	47	2.36	226	.06	2	3.51	.01	.07	1	22
90S-25-Q6	1	176	13	134	.7	27	23	3088	5.98	7	5	ND	1	40	.4	2	2	113	1.33	.136	22	47	1.92	339	.06	4	3.13	.02	.07	1	28
STANDARD C/AU-S	18	58	40	130	6.8	68	31	1050	3.94	38	17	6	37	53	18.8	15	18	55	.45	.094	36	57	.90	180	.07	32	1.88	.06	.14	13	52

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
90S-25-Q7	1	242	16	177	.4	37	26	2311	7.49	9	5	ND	1	23	.2	2	2	147	.62	.148	24	59	2.66	299	.04	2	3.81	.01	.10	1	54
90S-25-Q8	1	265	19	122	.5	32	26	3770	6.11	12	5	ND	1	38	.2	2	2	115	1.16	.178	23	48	2.10	860	.04	4	3.09	.01	.09	1	30
90S-25-Q9	1	383	16	134	.7	36	31	3680	9.01	23	5	ND	1	30	.2	3	2	153	.70	.144	33	60	2.35	367	.07	3	3.98	.02	.07	1	28
90S-25-Q10	1	351	25	116	.7	67	33	2388	7.52	38	5	ND	1	72	.2	2	2	154	.69	.109	17	86	3.21	186	.12	3	4.87	.08	.13	1	37
90S-25-Q11	1	249	24	146	.7	37	40	3398	8.22	70	5	ND	1	25	.2	4	2	120	.76	.122	19	52	2.44	142	.03	3	3.68	.01	.10	1	61
90S-25-Q12	1	401	54	445	.8	54	50	3930	8.24	66	5	ND	1	42	1.6	2	2	138	.90	.113	13	84	2.86	207	.07	6	3.45	.02	.09	1	67
90S-25-Q13	1	705	26	138	.8	49	70	2192	8.25	24	5	ND	1	45	.2	2	2	144	.84	.106	10	75	2.56	156	.11	4	4.05	.07	.15	1	85
90S-25-Q14	1	329	21	124	.8	58	37	1815	7.14	25	5	ND	1	77	.2	2	3	133	1.14	.102	10	88	2.86	130	.12	4	3.84	.11	.11	1	20
90S-25-Q15	2	150	17	132	.5	49	32	2374	7.00	16	5	ND	1	38	.2	3	2	129	.82	.126	11	89	2.44	317	.06	4	3.14	.02	.07	1	92
90S-25-Q16	1	181	16	130	.6	68	32	2328	7.70	17	5	ND	1	41	.2	2	2	122	.92	.130	17	81	2.11	307	.07	6	2.91	.02	.09	1	9
90S-25-Q17	1	357	15	140	.6	52	31	1718	7.50	14	5	ND	1	30	.4	2	2	137	.58	.113	14	95	2.89	179	.07	2	3.40	.01	.08	1	30
90S-25-Q18	1	170	12	125	.5	34	27	2871	4.68	12	5	ND	1	64	.4	3	2	87	2.29	.164	9	61	1.70	476	.04	14	1.94	.01	.11	1	9
90S-25-Q19	1	255	14	131	.5	41	34	2666	7.70	16	5	ND	1	41	.5	2	2	126	.98	.154	15	79	2.19	427	.05	5	2.90	.01	.09	1	11
90S-25-Q20	1	331	13	157	.8	64	44	3091	9.62	16	5	ND	1	28	.5	4	2	151	.47	.086	14	117	3.12	369	.07	2	3.42	.01	.07	1	16
90S-25-Q21	1	231	14	130	.6	27	36	3228	7.00	12	5	ND	1	46	.4	3	2	113	1.76	.167	18	46	1.97	465	.05	12	2.74	.01	.13	1	58
90S-25-Q22	4	488	16	141	.5	31	51	2425	7.98	11	5	ND	1	35	.2	4	2	110	.90	.167	11	49	1.69	273	.06	5	2.55	.01	.09	2	15
90S-25-Q23	4	479	12	138	.6	32	65	2968	11.20	13	5	ND	1	34	.2	2	2	138	1.03	.124	16	51	2.06	414	.05	2	3.00	.01	.12	1	27
90S-25-Q24	8	417	20	148	.7	42	68	2485	12.25	22	5	ND	1	25	.2	4	2	147	.42	.119	19	64	2.28	276	.06	2	3.27	.01	.09	1	54
90S-25-Q25	2	508	15	142	.7	43	50	1852	8.57	14	5	ND	1	36	.5	2	2	122	1.21	.142	13	80	2.38	346	.04	6	2.78	.01	.08	1	23
90S-25-Q26	5	452	15	125	.5	38	52	2301	9.00	19	5	ND	1	37	.2	3	2	121	.94	.175	11	77	1.81	329	.04	3	2.74	.01	.06	1	18
90S-25-Q27	6	500	11	125	.5	40	83	2309	10.68	22	5	ND	1	31	.6	6	2	124	.84	.165	13	67	2.08	194	.05	4	2.97	.01	.08	1	83
90S-25-Q28	15	631	17	141	.6	41	73	2682	10.68	27	5	ND	1	26	.4	3	2	136	.58	.155	12	74	2.28	164	.06	6	3.22	.01	.07	1	24
90S-25-Q29	14	1196	17	127	.9	38	62	1904	10.81	24	5	ND	1	33	.3	5	2	116	1.27	.160	18	63	1.90	162	.05	5	2.81	.01	.09	1	44
90S-25-Q30	14	1124	26	171	.8	48	78	2192	12.56	27	5	ND	1	27	.5	4	2	128	.92	.158	14	75	2.21	175	.06	3	2.78	.01	.07	1	60
90S-25-Q31	41	1661	17	112	1.1	49	87	1649	15.05	36	5	ND	1	20	.4	5	2	143	.38	.103	13	77	2.03	117	.10	2	3.22	.01	.07	1	110
90S-25-Q32	8	722	15	118	.6	54	87	2026	11.19	20	5	ND	1	28	.2	4	2	126	.88	.164	10	83	2.16	140	.07	4	2.76	.01	.06	1	44
90S-25-Q33	5	768	13	115	.6	45	71	2700	11.71	16	5	ND	1	42	.3	4	2	129	1.69	.128	11	87	1.98	230	.06	5	2.87	.01	.07	1	25
90S-25-Q34	7	1021	21	105	.7	55	82	1941	13.75	20	5	ND	1	26	.3	3	2	148	.54	.134	12	95	2.41	105	.09	2	3.22	.01	.05	1	41
STANDARD C/AU-S	18	57	38	130	6.6	68	30	1046	3.92	39	22	7	36	50	17.9	15	19	55	.45	.090	35	56	.85	178	.08	33	1.88	.06	.14	11	54

GEOCHEMICAL ANALYSIS CERTIFICATE

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P.O. Box 11569 Vancouver, Vancouver BC V6B 4N8

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
25 L110N 101+50E	1	142	10	87	.3	114	24	1012	4.88	9	5	ND	3	40	.7	2	2	87	.69	.088	9	78	3.02	150	.11	2	2.25	.03	.25	1	11
25 L110N 101+75E	1	116	6	74	.4	290	31	711	4.62	6	5	ND	2	44	.8	2	2	76	.67	.081	7	240	4.08	95	.08	5	2.25	.03	.10	1	14
25 L110N 102+25E	1	110	6	47	.3	530	43	435	4.76	4	5	ND	1	20	.8	2	2	82	.31	.041	2	683	5.78	244	.07	11	2.18	.01	.07	1	1
25 L110N 102+50E	1	59	2	45	.3	308	36	600	4.85	2	5	ND	1	8	.3	2	2	82	.19	.053	3	564	4.05	49	.14	3	2.14	.03	.03	1	2
25 L110N 102+75E	1	18	2	36	.3	247	18	167	2.91	2	5	ND	1	8	.2	2	2	64	.15	.035	2	470	4.05	23	.07	4	1.65	.02	.02	1	1
25 L110N 103+00E	1	95	7	47	.3	629	62	867	4.64	2	5	ND	1	27	.9	2	2	71	.28	.045	2	606	7.23	155	.08	15	2.69	.01	.09	1	1
25 L110N 103+25E	1	62	2	38	.3	476	40	465	4.16	2	5	ND	1	15	.9	2	2	72	.19	.042	2	650	5.53	58	.06	9	1.97	.01	.03	1	3
25 L110N 103+50E	1	65	5	36	.2	464	39	427	4.10	3	5	ND	1	16	.5	2	2	70	.19	.041	2	660	5.45	63	.06	11	1.87	.01	.02	1	2
25 L110N 103+75E	1	48	2	45	.3	377	35	401	4.34	2	5	ND	1	11	.6	2	2	72	.19	.048	2	661	4.97	44	.06	9	1.93	.01	.02	1	1
25 L110N 104+00E	1	24	2	49	.2	304	26	367	3.72	2	5	ND	1	8	.2	2	2	74	.16	.063	2	688	4.49	42	.04	5	1.75	.02	.03	1	1
25 L110N 104+25E	1	37	2	47	.2	351	48	809	4.35	2	5	ND	1	8	.7	2	2	76	.19	.056	2	658	4.53	62	.06	5	1.73	.02	.03	1	2
25 L110N 104+50E	1	55	2	38	.3	436	35	410	4.12	2	5	ND	1	19	.2	2	2	75	.27	.048	2	649	4.85	61	.09	7	1.78	.01	.04	1	1
25 L110N 104+75E	1	69	2	41	.3	435	33	327	4.14	2	5	ND	1	17	.5	2	2	72	.24	.046	2	679	4.89	90	.06	5	1.88	.02	.03	1	1
25 L110N 105+00E	1	83	2	50	.3	448	45	550	4.46	2	5	ND	1	14	.7	2	2	76	.23	.046	2	645	5.03	67	.06	4	2.21	.02	.03	1	1
25 L110N 105+25E	1	36	6	47	.2	290	23	268	4.11	2	5	ND	1	9	.6	2	2	83	.23	.052	2	636	4.06	36	.08	2	1.75	.02	.02	1	2
25 L110N 105+50E	1	45	3	47	.4	287	21	279	3.30	2	5	ND	1	11	.5	2	2	63	.20	.051	2	559	4.13	29	.06	4	1.86	.02	.02	1	1
25 L110N 105+75E	1	71	2	42	.3	390	35	433	3.70	2	5	ND	1	15	.5	2	2	61	.34	.043	2	570	4.68	141	.07	5	2.19	.03	.05	1	1
25 L110N 106+00E	1	38	3	42	.4	285	28	634	3.59	2	5	ND	1	10	.5	2	2	68	.19	.056	3	548	4.06	60	.07	4	1.80	.02	.02	1	6
25 L110N 106+25E	1	42	3	54	.4	287	24	343	5.21	2	5	ND	1	8	.3	2	2	85	.22	.069	2	591	4.16	30	.07	4	2.23	.02	.03	1	4
25 L110N 106+50E	1	23	10	58	.5	230	19	298	4.84	2	5	ND	1	11	.2	2	2	85	.18	.069	2	507	3.70	36	.16	2	1.86	.03	.03	1	2
25 L110N 106+75E	1	21	5	48	.3	202	21	762	3.21	2	5	ND	1	11	.4	2	2	71	.19	.050	3	489	3.37	50	.12	2	1.59	.02	.03	1	3
25 L110N 107+25E	1	67	5	50	.3	361	36	628	4.38	5	5	ND	1	18	.5	2	2	80	.34	.060	2	564	4.42	68	.07	6	2.03	.02	.03	1	2
25 L110N 107+50E	1	41	5	49	.3	267	24	629	4.42	2	5	ND	1	12	.4	2	2	91	.29	.076	2	596	3.85	48	.11	3	1.85	.03	.03	1	1
25 L110N 107+75E	1	34	2	48	.3	211	23	688	3.70	2	5	ND	1	11	.4	2	2	74	.24	.057	3	492	3.34	44	.11	5	1.92	.03	.03	1	6
25 L110N 108+00E	1	33	12	53	.3	194	20	434	3.74	4	5	ND	1	11	.4	2	2	74	.22	.054	3	482	2.99	46	.12	2	1.67	.03	.03	1	3
25 L110N 108+25E	1	81	2	41	.4	476	42	566	4.47	5	5	ND	1	19	.3	2	2	77	.34	.051	2	739	4.93	97	.08	6	2.05	.03	.03	1	2
25 L110N 108+50E	1	25	3	46	.4	290	22	345	5.11	2	5	ND	1	9	.6	2	2	89	.28	.072	2	637	4.11	32	.08	2	2.00	.03	.03	1	1
25 L110N 108+75E	1	23	2	53	.2	246	22	333	5.14	2	5	ND	1	11	.7	2	2	95	.32	.071	2	643	3.55	46	.08	2	1.78	.04	.04	1	1
25 L110N 109+00E	1	62	3	41	.3	462	39	484	4.70	3	5	ND	1	22	.7	2	2	82	.37	.051	2	794	4.94	101	.07	8	1.84	.03	.03	1	1
25 L110N 109+25E	1	39	8	53	.4	309	30	788	4.11	2	5	ND	1	16	.7	2	2	75	.30	.069	3	607	3.86	112	.04	3	1.85	.03	.03	1	7
25 L110N 109+50E	1	32	3	51	.5	275	23	277	4.33	2	5	ND	1	12	.3	2	2	70	.24	.059	2	529	3.92	58	.11	2	1.94	.03	.03	1	1
25 L110N 109+75E	1	31	2	43	.4	378	30	290	3.70	2	5	ND	1	10	.3	2	2	61	.22	.061	2	546	4.87	40	.06	6	2.01	.02	.02	1	3
25 L110N 110+00E	1	45	4	44	.3	410	40	478	3.96	2	5	ND	1	15	.2	2	2	72	.16	.051	2	704	4.90	57	.04	3	1.99	.02	.02	1	1
25 L108N 103+00E	1	59	2	38	.3	497	35	395	4.36	2	5	ND	1	19	.7	2	2	77	.20	.040	2	684	5.67	89	.06	9	1.99	.02	.02	1	1
25 L108N 103+25E	1	63	4	43	.2	476	37	428	5.10	2	5	ND	1	16	.8	2	2	90	.20	.034	2	890	5.21	74	.07	9	1.80	.02	.04	1	3
25 L108N 103+50E	1	47	2	38	.3	378	32	380	4.42	2	5	ND	1	10	.5	2	2	82	.16	.039	2	713	4.75	35	.06	4	1.61	.01	.02	1	1
STANDARD C/AU-S	18	59	36	131	6.7	70	32	1054	3.97	37	18	7	37	51	18.8	14	18	56	.50	.097	36	57	.96	181	.08	34	1.89	.06	.14	13	54

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: SEP 26 1990 **DATE REPORT MAILED:** Sept 28/90 **SIGNED BY** ....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

Quest Canada Exploration FILE # 90-4820

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
25 L108N 103+75E	1	62	6	37	.4	537	39	402	4.67	5	5	ND	1	20	.6	2	2	84	.21	.045	2	775	5.73	69	.06	12	1.76	.01	.02	1	1
25 L108N 104+00E	1	57	2	35	.4	535	40	459	6.06	2	5	ND	1	21	1.0	2	2	111	.18	.042	2	1045	5.37	74	.07	8	1.50	.01	.03	1	1
25 L108N 104+25E	1	46	2	54	.4	271	37	1480	5.08	8	5	ND	1	9	.5	2	2	88	.22	.082	3	584	3.78	44	.06	2	2.26	.02	.04	1	2
25 L108N 104+50E	1	72	3	58	.3	382	45	719	5.51	13	5	ND	1	11	.5	2	2	90	.31	.063	4	702	4.35	37	.09	4	2.48	.02	.04	1	3
25 L108N 104+75E	1	38	7	54	.5	121	16	431	5.48	2	5	ND	2	8	.3	2	2	78	.13	.068	7	426	1.87	36	.29	2	3.30	.02	.03	1	1
25 L108N 105+00E	1	37	3	53	.4	303	26	471	5.53	10	5	ND	1	9	.2	2	2	87	.24	.111	2	566	4.39	29	.08	4	2.19	.02	.02	1	1
25 L108N 105+25E	1	38	7	49	.2	348	36	764	3.58	3	5	ND	1	11	.3	2	2	67	.15	.080	3	541	4.56	58	.05	4	2.07	.02	.03	1	3
25 L108N 105+50E	1	59	4	51	.3	407	35	464	3.87	2	5	ND	1	15	.5	2	2	61	.28	.059	2	474	4.76	79	.10	4	2.15	.02	.03	1	1
25 L108N 105+75E	1	83	5	31	.3	459	38	423	3.39	2	5	ND	1	24	.5	2	2	48	.51	.051	2	543	4.98	145	.07	3	2.51	.03	.09	1	1
25 L108N 106+00E	1	36	7	50	.4	331	23	280	4.81	2	5	ND	1	12	.3	2	2	94	.35	.058	2	685	4.30	48	.07	2	1.97	.03	.02	1	1
25 L108N 106+25E	1	85	2	38	.5	454	36	425	4.00	2	5	ND	1	19	.4	2	2	67	.42	.047	2	942	4.78	146	.08	3	2.40	.03	.12	1	1
25 L108N 106+50E	1	77	2	44	.3	499	45	538	4.85	3	5	ND	1	20	.6	2	2	83	.27	.049	2	727	5.30	85	.07	8	1.98	.02	.04	1	1
25 L108N 106+75E	1	45	3	59	.5	323	32	448	5.13	2	5	ND	1	11	.7	2	2	86	.29	.056	3	649	4.40	67	.11	3	2.37	.03	.03	1	1
25 L108N 107+25E	1	39	2	68	.3	305	32	520	5.76	3	5	ND	1	7	.9	2	2	89	.16	.076	3	668	4.34	31	.13	2	2.69	.02	.02	1	1
25 L108N 107+50E	1	23	2	46	.4	97	11	426	4.45	2	5	ND	1	9	.2	2	2	66	.15	.090	5	252	1.53	44	.20	2	2.38	.02	.04	1	1
25 L108N 107+75E	1	26	3	69	.4	170	18	466	4.26	2	5	ND	1	10	.2	2	2	75	.18	.061	8	419	2.75	48	.19	2	2.31	.03	.03	1	3
25 L108N 108+00E	1	20	3	85	.4	151	22	500	4.46	5	5	ND	1	9	.4	2	2	86	.24	.069	2	348	3.45	57	.18	2	2.34	.02	.04	1	1
25 L108N 108+25E	1	19	6	60	.4	294	23	645	4.63	2	5	ND	1	11	.3	2	2	84	.21	.053	3	663	4.23	76	.10	2	1.99	.02	.03	1	1
25 L108N 108+50E	1	28	4	54	.8	66	8	193	4.59	2	5	ND	2	9	.6	2	2	72	.15	.075	12	202	1.22	35	.32	2	4.01	.03	.04	1	1
25 L108N 108+75E	1	47	2	47	.4	372	33	471	4.70	2	5	ND	1	11	.7	2	2	82	.35	.071	2	722	4.48	57	.07	4	2.17	.04	.02	1	1
25 L108N 109+00E	1	28	4	62	.2	272	25	447	5.39	3	5	ND	1	14	.4	2	2	95	.32	.077	2	654	3.82	96	.11	2	2.08	.03	.03	1	1
25 L108N 109+25E	1	25	2	67	.2	251	31	770	4.82	2	5	ND	1	15	.5	2	2	87	.33	.104	4	569	3.73	157	.16	2	1.82	.03	.04	1	1
25 L108N 109+50E	1	29	2	67	.4	314	29	488	4.89	2	5	ND	1	12	.5	2	2	87	.28	.061	2	806	4.25	72	.11	3	1.97	.03	.03	1	3
25 L108N 109+75E	1	25	2	64	.3	258	18	237	3.14	2	5	ND	1	10	.2	2	2	69	.22	.057	3	640	3.95	46	.07	2	1.78	.03	.03	1	1
25 L108N 110+00E	1	53	2	37	.3	418	33	414	3.91	4	5	ND	1	18	.4	2	2	66	.35	.054	2	628	4.50	71	.08	4	1.76	.03	.03	1	1
25 L106N 103+00E	1	69	2	51	.3	275	27	571	4.16	6	5	ND	1	29	.3	2	2	67	.48	.052	3	311	4.11	77	.06	5	2.15	.02	.05	1	1
25 L106N 103+25E	1	64	2	38	.4	307	26	452	4.87	2	5	ND	1	24	.4	2	2	90	.41	.051	3	538	4.02	102	.07	9	1.54	.02	.04	1	10
25 L106N 103+50E	1	62	2	36	.4	538	40	353	5.09	2	5	ND	1	26	.7	2	2	93	.20	.041	2	686	6.10	61	.05	10	1.96	.01	.05	1	1
25 L106N 103+75E	1	69	2	48	.3	350	33	661	5.43	3	5	ND	1	27	.5	2	2	100	.40	.066	3	625	4.32	102	.07	5	1.72	.02	.04	1	2
25 L106N 104+00E	1	80	3	45	.4	421	40	604	5.92	6	5	ND	1	16	1.0	2	2	106	.29	.057	2	755	4.77	49	.08	4	2.35	.02	.03	1	1
25 L106N 104+25E	1	64	2	48	.2	433	34	433	5.07	2	5	ND	1	11	.4	2	2	93	.22	.044	2	781	4.85	73	.07	4	2.01	.02	.02	1	8
25 L106N 104+50E	1	86	6	61	.3	464	47	754	5.97	5	5	ND	1	13	.6	2	2	89	.24	.065	6	584	4.97	88	.15	3	3.19	.02	.03	1	1
25 L106N 104+75E	1	69	2	41	.3	474	40	499	5.69	2	5	ND	1	22	.4	2	2	102	.26	.049	2	867	4.93	90	.07	8	1.61	.02	.03	1	5
25 L106N 105+00E	1	60	2	47	.2	454	37	485	5.75	2	5	ND	1	16	1.0	2	2	105	.23	.042	2	915	4.79	83	.08	5	1.62	.02	.03	1	1
25 L106N 105+25E	1	60	2	43	.2	472	39	486	5.04	2	5	ND	1	19	.5	2	2	89	.24	.043	2	780	5.17	111	.07	8	1.67	.02	.04	1	1
25 L106N 105+50E	1	74	2	39	.2	550	46	506	4.29	2	5	ND	1	25	.4	2	2	73	.21	.041	2	685	6.72	102	.05	15	1.87	.01	.04	1	1
STANDARD C/AU-S	18	59	38	131	6.7	70	32	1055	3.97	37	18	8	36	51	18.5	16	23	56	.50	.095	35	55	.96	178	.08	33	1.89	.06	.14	11	50

Quest Canada Exploration FILE # 90-4820

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
25 L106N 105+75E	1	85	5	37	.3	517	45	484	4.93	3	5	ND	2	35	1.0	2	2	92	.30	.045	2	722	4.91	173	.06	9	1.81	.01	.08	1	1
25 L106N 106+00E	1	62	2	34	.2	531	44	459	4.60	3	5	ND	2	31	.7	2	2	79	.23	.046	2	716	5.24	87	.05	13	1.78	.01	.04	1	3
25 L106N 106+25E	1	56	2	40	.3	485	41	472	5.32	2	5	ND	1	20	.8	2	2	93	.17	.043	2	856	4.35	64	.06	7	1.49	.01	.03	1	2
25 L106N 106+50E	1	69	4	40	.3	461	44	535	4.75	2	5	ND	1	17	1.1	2	2	87	.17	.044	2	716	4.05	56	.06	3	1.65	.01	.02	1	2
25 L106N 106+75E	1	73	2	39	.3	501	51	598	4.49	6	5	ND	1	24	.6	2	2	79	.18	.048	3	592	4.42	60	.06	8	1.82	.01	.03	1	2
25 L104N 101+00E	2	68	8	71	.3	77	17	1220	5.11	19	5	ND	2	30	.8	3	2	51	.49	.106	17	76	1.55	172	.08	8	2.87	.02	.08	1	4
25 L104N 101+25E	2	63	13	121	.2	116	19	1529	3.88	9	5	ND	1	43	.6	2	2	39	1.00	.113	14	89	1.65	197	.03	8	2.11	.02	.08	1	5
25 L104N 101+50E	1	18	3	97	.1	14	4	537	1.35	2	5	ND	1	50	.5	3	2	12	2.45	.118	2	12	.54	182	.01	20	.60	.02	.13	2	2
25 L104N 103+50E	1	70	2	33	.2	496	42	699	4.98	2	5	ND	1	32	.9	2	2	91	.53	.041	2	596	5.07	178	.05	11	2.03	.01	.05	2	2
25 L104N 103+75E	1	66	2	37	.3	561	45	467	3.12	2	5	ND	1	22	.7	2	2	48	.26	.048	3	388	6.28	112	.04	7	2.65	.01	.03	1	3
25 L104N 104+00E	1	83	2	44	.3	578	45	490	4.41	2	5	ND	1	19	.8	2	2	76	.22	.045	2	567	5.92	145	.05	6	2.61	.02	.04	1	2
25 L104N 104+25E	1	61	2	35	.2	473	36	437	5.64	2	5	ND	1	16	.6	2	2	106	.17	.040	2	789	4.39	114	.06	7	1.64	.01	.03	1	1
25 L104N 104+50E	1	67	2	37	.3	509	40	437	5.11	2	5	ND	1	14	.8	2	2	95	.19	.042	2	709	4.81	119	.07	6	1.97	.02	.04	1	3
25 L104N 104+75E	1	68	2	44	.2	470	35	441	4.48	6	5	ND	2	12	.9	2	2	82	.21	.046	4	581	4.31	109	.11	4	2.13	.02	.03	1	2
25 L104N 105+00E	1	62	2	33	.3	502	35	303	3.97	2	5	ND	1	16	.4	2	2	71	.16	.043	2	570	5.14	91	.05	5	2.01	.01	.02	1	1
25 L104N 105+25E	1	56	2	38	.2	443	34	352	3.93	2	5	ND	1	14	.9	2	2	72	.17	.042	2	599	4.61	64	.06	6	1.93	.01	.01	1	2
25 L104N 105+50E	1	56	3	51	.3	322	31	477	4.57	6	5	ND	1	10	.8	2	2	78	.26	.048	2	485	3.80	64	.06	6	2.12	.03	.02	1	3
25 L104N 105+75E	1	58	3	41	.3	378	34	421	4.22	3	5	ND	1	16	.2	2	2	72	.32	.049	3	503	4.21	98	.07	4	2.05	.03	.03	1	3
25 L104N 106+25E	2	19	2	54	.2	83	11	360	4.56	2	5	ND	1	8	.6	3	2	72	.15	.079	13	200	1.23	50	.23	2	2.74	.02	.02	1	1
25 L104N 106+50E	2	16	2	49	.3	107	12	333	4.18	2	5	ND	1	9	.4	2	2	62	.17	.077	10	197	1.61	50	.21	2	2.72	.02	.02	1	2
25 L104N 106+75E	1	40	2	52	.4	299	24	288	3.41	2	5	ND	1	12	.6	2	2	60	.19	.092	6	374	3.58	104	.06	3	2.16	.02	.03	1	1
25 L102N 104+00E	1	62	2	43	.4	421	32	399	4.63	2	5	ND	2	19	.5	2	2	84	.26	.051	4	578	4.36	109	.09	4	1.91	.02	.03	1	3
25 L102N 104+25E	1	62	2	39	.2	403	30	427	4.33	2	5	ND	1	22	.7	2	2	76	.30	.053	3	512	4.27	136	.08	4	1.97	.02	.02	1	4
25 L102N 104+50E	1	23	2	56	.1	370	27	518	5.02	4	5	ND	1	10	.7	2	2	80	.14	.063	2	614	4.62	41	.06	2	2.53	.02	.02	1	4
25 L102N 104+75E	1	40	7	55	.3	265	23	403	5.01	5	5	ND	1	10	.4	2	2	81	.16	.056	4	429	3.48	67	.10	2	2.37	.02	.03	1	1
25 L102N 105+00E	1	59	2	54	.3	343	25	403	3.97	6	5	ND	1	14	.6	2	2	66	.22	.069	3	402	4.09	104	.06	4	2.42	.02	.03	1	2
25 L102N 105+25E	1	38	2	49	.3	355	28	437	4.54	2	5	ND	1	12	.5	2	2	77	.20	.060	2	558	4.25	68	.04	2	2.09	.02	.01	1	1
25 L102N 105+50E	1	32	11	57	.2	189	19	393	4.22	5	5	ND	1	10	.4	2	2	74	.18	.069	8	313	2.85	47	.18	2	2.55	.03	.03	1	3
25 L102N 105+75E	1	41	12	65	.1	254	20	315	4.79	2	5	ND	1	5	.4	2	2	76	.12	.074	2	417	3.44	15	.13	2	2.32	.02	.02	1	1
25 L100N 89+75E	1	55	5	76	.1	59	14	562	5.85	8	5	ND	2	17	.2	2	2	117	.16	.088	4	69	1.74	45	.10	2	2.27	.02	.04	1	13
25 L100N 90+00E	2	16	11	39	.1	14	5	173	2.41	2	5	ND	1	16	.2	2	2	79	.10	.036	5	39	.24	30	.25	2	.79	.01	.03	2	13
25 L100N 90+25E	2	27	4	45	.1	26	9	209	3.11	2	5	ND	1	18	.3	2	2	105	.14	.042	4	47	.93	31	.12	2	1.54	.01	.03	2	2
25 L100N 90+50E	1	126	6	69	.3	130	24	769	4.59	3	5	ND	1	20	.4	2	2	86	.27	.081	6	96	2.53	58	.07	2	2.39	.02	.04	1	5
25 L100N 90+75E	1	137	15	79	.1	227	36	1325	4.70	3	5	ND	1	22	.6	2	4	86	.32	.087	5	144	3.37	74	.06	2	2.58	.02	.05	1	13
25 L100N 91+25E	1	60	9	75	.2	50	14	533	5.24	2	5	ND	2	20	.4	2	2	97	.22	.068	6	56	1.59	53	.10	2	2.27	.01	.04	1	6
25 L100N 91+50E	1	115	7	65	.2	380	37	619	5.01	3	5	ND	2	27	.9	2	2	82	.41	.066	3	180	4.37	100	.07	2	2.46	.03	.04	1	49
STANDARD C/AU-S	18	59	38	130	6.7	70	32	1053	3.96	37	15	7	38	53	18.6	16	18	57	.49	.096	37	56	.95	180	.07	33	1.89	.06	.14	13	53

Quest Canada Exploration FILE # 90-4820

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
25 L100N 91+75E	1	176	5	81	.1	61	24	727	5.73	11	5	ND	2	28	.8	2	2	101	.39	.063	8	60	2.01	50	.10	2	2.50	.02	.05	1	18
25 L100N 92+00E	1	74	9	77	.1	34	17	542	5.81	4	5	ND	2	26	.8	2	2	111	.36	.079	5	55	1.36	56	.08	2	2.08	.01	.06	1	2
25 L100N 92+50E	1	45	11	81	.2	35	17	653	5.88	10	5	ND	1	22	1.0	2	2	125	.22	.071	5	51	1.16	76	.12	2	2.07	.01	.05	1	3
25 L100N 92+75E	1	64	17	70	.3	33	16	556	5.55	4	7	ND	1	20	.5	2	2	107	.25	.081	5	48	1.11	43	.12	2	2.32	.01	.05	1	3
25 L100N 93+00E	1	59	15	80	.2	52	17	672	4.42	7	5	ND	1	23	.2	2	2	91	.27	.055	5	52	1.38	69	.07	2	2.65	.01	.04	1	3
25 L100N 93+25E	1	104	7	78	.3	67	24	1507	5.20	10	5	ND	1	24	.8	2	2	100	.30	.071	5	63	1.75	82	.08	2	2.43	.02	.05	1	6
25 L100N 93+50E	1	112	14	83	.3	71	24	845	5.58	10	5	ND	1	24	.7	2	2	113	.34	.079	6	67	1.75	68	.12	2	2.06	.02	.05	1	8
25 L100N 93+75E	2	47	14	53	.3	33	14	370	5.10	8	5	ND	1	18	.7	2	2	117	.19	.083	5	62	.73	47	.20	2	1.57	.01	.03	1	8
25 L100N 94+00E	1	36	15	53	.3	33	12	680	3.32	2	5	ND	1	18	.2	2	2	87	.17	.080	6	70	.75	45	.23	2	1.56	.02	.04	1	14
25 L100N 94+25E	1	46	3	69	.4	62	13	505	3.96	6	5	ND	1	16	1.0	2	2	87	.21	.089	7	116	1.34	45	.16	2	2.69	.02	.04	1	5
25 L100N 94+50E	3	42	23	56	.5	47	16	516	7.12	12	5	ND	1	16	.2	2	5	129	.16	.059	5	127	.87	37	.30	2	2.18	.02	.03	2	2
25 L100N 94+75E	2	234	6	74	.1	365	52	861	5.64	6	5	ND	1	15	.2	2	2	96	.45	.063	4	352	3.54	125	.19	2	3.12	.06	.19	1	6
25 L100N 95+00E	1	81	5	48	.1	462	41	398	5.20	2	5	ND	1	15	.4	2	2	91	.31	.056	2	751	5.06	72	.08	2	2.43	.02	.04	1	4
25 L100N 95+25E	1	43	2	65	.1	354	35	541	3.17	3	5	ND	1	38	.8	2	2	46	.83	.085	2	349	3.41	246	.04	2	1.64	.02	.08	1	1
25 L100N 95+50E	1	86	2	48	.1	467	45	461	5.03	3	5	ND	1	18	.8	2	2	88	.45	.046	2	715	4.61	116	.09	2	2.30	.03	.04	1	1
25 L100N 95+75E	2	151	4	48	.2	464	65	573	5.18	13	7	ND	1	16	.9	2	2	72	.35	.052	3	464	3.86	223	.17	2	2.73	.02	.33	1	5
25 L100N 96+00E	2	117	9	55	.1	340	51	981	4.66	11	5	ND	1	19	.6	2	2	65	.55	.063	6	408	3.05	153	.08	2	2.14	.02	.06	1	9
25 L100N 96+25E	1	106	4	80	.2	268	33	970	3.95	11	5	ND	1	29	.4	2	2	53	1.20	.096	9	258	2.71	180	.04	8	2.01	.01	.07	1	6
25 L100N 96+50E	2	117	9	77	.2	327	40	1126	4.93	17	8	ND	1	27	.6	2	5	67	.83	.091	9	329	3.34	193	.06	9	2.54	.01	.07	1	6
25 L100N 96+75E	2	87	6	86	.2	279	37	1419	4.59	9	5	ND	1	32	.9	2	6	69	1.11	.099	7	373	3.03	220	.05	5	1.98	.01	.06	1	1
25 L100N 97+00E	1	120	2	77	.2	337	56	1872	5.31	22	5	ND	1	31	.6	2	2	76	.91	.117	9	390	3.65	248	.05	4	2.84	.01	.07	1	47
25 L100N 97+25E	1	67	2	52	.1	353	31	562	5.68	13	5	ND	1	28	.7	2	2	90	.74	.056	4	535	4.05	123	.07	4	2.20	.01	.04	1	5
25 L100N 97+50E	1	80	7	52	.1	299	29	807	5.18	10	5	ND	1	27	.4	2	2	71	.73	.062	8	379	3.78	167	.06	8	2.50	.01	.06	1	2
25 L100N 97+75E	1	108	2	77	.2	375	44	1111	5.15	23	5	ND	1	22	.2	2	2	67	.51	.072	10	307	3.55	192	.06	9	2.68	.01	.07	1	8
25 L100N 98+00E	1	119	13	60	.1	493	79	1317	5.35	18	5	ND	1	19	.5	2	6	79	.49	.056	5	533	4.22	148	.11	3	2.73	.02	.04	1	6
25 L100N 98+25E	1	126	2	77	.1	412	74	1701	5.74	24	5	ND	1	24	.7	2	2	76	.47	.079	8	314	3.69	155	.10	9	2.92	.01	.06	1	4
25 L100N 98+50E	1	84	4	70	.1	272	43	1277	5.29	14	5	ND	1	28	.2	2	4	70	.52	.088	5	296	2.99	132	.08	3	2.54	.01	.05	1	4
25 L100N 98+75E	1	112	2	63	.1	351	56	1241	5.09	15	5	ND	1	30	1.1	2	2	74	.57	.066	5	395	3.89	156	.10	9	2.77	.02	.05	1	5
25 L100N 99+00E	2	50	5	47	.1	430	43	778	3.91	31	5	ND	1	18	.5	2	2	52	.71	.056	2	349	3.71	68	.08	13	2.46	.02	.05	1	1
25 L100N 99+25E	2	81	14	83	.1	70	23	2547	4.73	34	5	ND	1	27	.8	2	2	44	.70	.109	20	67	1.35	285	.05	12	2.45	.01	.11	1	7
25 L100N 99+50E	4	215	10	77	.3	118	34	2293	6.55	53	9	ND	1	24	.2	2	2	56	.43	.083	23	127	1.56	189	.11	8	2.69	.02	.08	1	19
25 L100N 99+75E	2	134	4	57	.1	28	20	1914	4.45	22	5	ND	1	19	.2	2	2	21	.50	.105	25	17	.63	214	.01	15	1.80	.01	.12	1	14
25 L96N 91+50E	1	162	15	80	.1	163	26	829	4.60	14	5	ND	1	26	.2	2	2	84	.37	.044	7	83	2.43	84	.08	4	2.34	.02	.05	1	8
25 L94N 97+25E	1	24	10	71	.1	208	33	1844	4.78	8	5	ND	1	15	.2	2	2	82	.30	.066	3	252	2.95	106	.12	3	1.98	.03	.05	1	1
25 L94N 98+75E	1	75	2	36	.2	532	46	533	4.68	5	6	ND	1	40	.8	2	2	77	.66	.037	3	430	5.68	215	.12	17	2.18	.02	.03	1	3
25 L94N 99+00E	1	56	13	41	.1	578	43	599	5.23	10	5	ND	1	32	.2	2	4	88	.44	.046	3	449	6.54	65	.11	9	2.76	.03	.02	1	1
STANDARD C/AU-S	18	57	37	131	6.6	73	31	1056	3.97	42	16	7	37	53	17.9	15	20	56	.49	.093	36	56	.91	181	.07	34	1.90	.06	.14	11	48

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
25 L94N 100+00E	1	89	5	46	.4	716	54	761	5.51	2	12	ND	2	19	.2	2	2	88	.45	.044	7	402	7.23	62	.10	23	2.29	.02	.04	1	1
25 L94N 100+25E	1	90	5	68	.3	844	88	1219	7.45	3	9	ND	2	16	.2	2	2	89	.32	.072	12	405	6.34	69	.17	20	2.14	.02	.05	1	1
25 L94N 100+50E	1	80	3	56	.3	742	71	976	7.48	5	5	ND	1	10	.2	2	2	100	.16	.060	7	485	6.22	48	.14	9	2.34	.01	.03	1	1
25 L94N 100+75E	1	65	3	58	.4	609	47	702	5.63	4	9	ND	2	13	.2	2	2	86	.22	.074	7	440	4.88	57	.15	6	2.32	.02	.04	1	31
25 L94N 101+00E	1	78	3	50	.3	712	49	598	5.08	5	5	ND	1	36	.2	2	2	85	.44	.048	6	437	5.79	241	.12	9	2.64	.03	.03	1	4
25 L94N 101+25E	1	43	6	64	.3	322	25	623	5.00	10	5	ND	1	11	.2	2	2	84	.18	.086	7	260	3.33	56	.19	3	2.82	.03	.04	1	1
25 L94N 101+50E	1	46	6	66	.3	340	27	463	4.25	3	5	ND	1	10	.2	2	2	84	.19	.083	4	481	3.83	53	.10	3	2.92	.03	.04	1	2
25 L94N 101+75E	1	16	10	75	.3	63	11	554	3.52	4	5	ND	1	16	.2	2	2	84	.19	.080	6	129	.73	120	.28	3	1.18	.03	.05	1	5
25 L94N 102+00E	1	27	6	66	.4	205	33	1514	4.09	6	5	ND	1	22	.2	2	2	78	.29	.125	4	301	2.36	130	.03	4	1.63	.03	.06	1	1
25 L94N 102+25E	1	43	5	84	.4	301	35	1382	5.24	11	7	ND	1	16	.2	2	2	90	.27	.085	4	460	3.41	99	.09	3	2.74	.03	.05	1	1
25 L94N 102+50E	1	43	7	100	.3	200	26	853	6.04	14	5	ND	1	15	.2	2	2	97	.22	.057	8	292	2.50	79	.20	2	2.91	.02	.04	1	1
25 L94N 102+75E	1	31	6	95	.4	113	18	781	6.29	8	5	ND	1	21	.2	2	2	90	.33	.071	8	229	1.46	90	.35	2	2.42	.03	.04	1	1
25 L94N 103+00E	1	47	6	68	.3	322	34	829	5.19	14	5	ND	1	18	.2	2	2	95	.27	.088	4	479	3.63	103	.09	5	2.30	.02	.03	1	1
25 L94N 103+25E	1	32	4	67	.4	270	26	495	6.36	7	5	ND	1	9	.2	2	2	104	.17	.069	5	444	3.08	40	.11	2	2.89	.02	.03	1	1
25 L94N 103+50E	1	43	4	49	.4	364	28	348	5.61	8	6	ND	1	16	.2	2	2	103	.26	.061	2	678	3.97	54	.07	3	2.25	.03	.03	1	1
25 L94N 103+75E	1	33	9	76	.4	150	19	717	4.62	9	5	ND	1	12	.2	2	2	72	.13	.056	7	249	1.90	109	.11	6	2.21	.02	.05	1	1
25 L94N 104+00E	2	30	4	72	.4	258	27	1202	5.40	10	7	ND	1	12	.2	2	2	110	.25	.084	3	626	2.96	79	.13	4	1.81	.03	.04	1	2
25 L94N 104+25E	1	17	7	58	.2	146	15	431	4.26	3	5	ND	1	12	.2	2	2	93	.22	.079	4	448	1.83	55	.11	4	1.33	.03	.03	1	1
25 L94N 104+50E	1	22	5	75	.5	192	22	700	5.23	5	5	ND	1	15	.2	2	2	98	.21	.066	5	412	2.48	95	.22	3	1.89	.03	.04	1	1
25 L94N 104+75E	1	32	8	91	.3	220	31	1260	5.51	14	5	ND	1	13	.2	2	2	91	.26	.091	5	421	2.64	95	.14	4	2.13	.03	.04	1	1
25 L94N 105+00E	1	26	6	83	.6	254	26	787	5.15	10	5	ND	1	14	.2	2	2	98	.17	.082	6	476	3.09	108	.15	4	2.58	.03	.05	1	1
25 L94N 105+25E	1	33	5	75	.4	280	30	733	5.42	7	5	ND	1	17	.2	2	2	92	.26	.057	4	529	3.18	134	.11	3	2.16	.03	.04	1	1
25 L94N 105+50E	1	51	3	56	.4	419	33	537	5.28	10	9	ND	1	23	.2	2	2	98	.39	.051	3	744	4.29	99	.06	4	2.43	.03	.04	1	1
25 L94N 105+75E	2	27	5	62	.4	211	22	752	4.52	6	5	ND	1	21	.2	2	2	93	.29	.068	4	506	2.52	89	.12	5	1.71	.03	.04	1	2
25 L94N 106+00E	2	20	9	79	.5	129	18	531	4.92	8	7	ND	1	13	.2	2	2	87	.12	.061	7	338	1.79	81	.28	6	1.79	.02	.06	1	2
25 L94N 106+25E	1	31	4	68	.2	272	22	387	5.25	7	5	ND	1	10	.2	2	2	84	.21	.078	4	581	3.17	64	.16	5	2.44	.03	.03	1	1
25 L94N 106+50E	2	19	6	73	.5	126	16	578	5.54	2	8	ND	1	11	.2	2	2	92	.17	.071	6	310	1.62	82	.31	3	2.32	.02	.06	1	1
25 L94N 106+75E	1	23	7	66	.3	102	14	563	4.90	9	5	ND	1	10	.2	2	2	86	.15	.083	6	270	1.38	53	.25	4	2.10	.02	.04	1	1
25 L94N 107+00E	1	24	4	67	.3	305	24	454	4.71	4	7	ND	1	12	.2	2	2	87	.29	.071	2	773	3.42	76	.06	4	1.84	.03	.04	1	1
25 L94N 107+25E	1	20	5	66	.4	208	16	236	3.74	8	8	ND	1	9	.2	2	2	74	.18	.049	3	545	2.77	26	.12	6	2.12	.03	.03	1	2
25 L94N 107+50E	1	14	3	62	.3	319	23	341	5.02	7	8	ND	1	7	.2	2	2	94	.23	.086	2	800	4.10	60	.11	4	2.25	.02	.03	1	1
25 L94N 107+75E	2	14	4	57	.4	335	22	485	5.35	9	6	ND	1	7	.2	2	2	83	.11	.055	3	745	4.56	30	.20	7	2.74	.02	.04	1	1
25 L94N 108+00E	2	24	5	71	.4	224	20	517	5.75	8	5	ND	1	11	.2	2	2	95	.15	.057	5	544	2.76	60	.22	6	2.07	.02	.04	1	2
25 L94N 108+25E	1	65	3	51	.4	775	30	273	4.37	16	6	ND	1	24	.2	2	2	100	.39	.032	3	639	3.84	151	.12	7	2.63	.03	.06	1	1
25 L94N 108+50E	3	31	5	84	.3	286	33	1604	4.22	15	7	ND	1	20	.2	2	2	84	.27	.087	4	387	2.90	111	.10	6	2.08	.03	.06	1	1
25 L94N 108+75E	2	27	6	53	.4	231	18	286	4.72	9	5	ND	1	9	.2	2	2	88	.17	.059	4	589	2.66	46	.15	5	2.18	.03	.04	1	8
STANDARD C/AU-S	17	58	37	131	6.9	69	31	1053	3.95	39	20	7	38	52	18.7	15	18	56	.47	.090	37	57	.90	181	.08	36	1.90	.06	.14	12	48

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
25 L94N 109+00E	3	28	4	65	.3	285	23	422	4.96	2	5	ND	1	11	.2	2	2	88	.16	.057	3	694	3.40	78	.12	2	2.16	.02	.03	1	4
25 L94N 109+25E	2	14	4	54	.4	81	9	301	2.40	2	5	ND	1	19	.2	3	2	54	.32	.060	5	233	1.23	100	.08	2	.95	.04	.06	1	2
25 L94N 109+50E	6	164	6	78	.1	707	65	2082	4.05	8	5	ND	1	65	.2	2	2	123	.54	.108	23	500	3.77	363	.06	2	2.67	.02	.10	1	4
25 L94N 109+75E	1	71	2	70	.1	517	30	299	2.32	5	5	ND	1	107	.2	2	2	49	1.02	.079	7	292	3.16	505	.06	4	1.75	.02	.07	1	3
25 L94N 110+00E	1	98	3	90	.5	839	37	616	3.38	13	6	ND	1	110	.2	2	2	85	1.15	.071	10	369	3.55	511	.07	8	2.20	.03	.08	1	3
25 L92N 96+00E	1	195	12	65	.4	410	45	801	4.92	9	5	ND	2	28	.2	2	2	80	.63	.098	7	337	4.02	61	.20	2	3.13	.03	.06	1	9
25 L92N 96+25E	1	265	15	83	.4	262	36	1018	4.96	6	5	ND	3	31	.2	3	2	77	.62	.106	9	222	3.11	67	.21	2	3.28	.03	.06	1	12
25 L92N 96+50E	1	197	3	67	.2	356	41	1469	5.27	5	5	ND	1	17	.3	2	2	85	.66	.063	6	379	4.47	113	.15	2	3.62	.02	.13	1	12
25 L92N 96+75E	1	89	2	43	.2	346	32	599	4.66	2	5	ND	1	22	.2	2	2	86	.54	.046	3	478	4.35	89	.10	2	2.39	.02	.05	1	8
25 L92N 97+00E	1	133	4	55	.3	354	41	1100	5.14	6	5	ND	1	23	.4	2	2	90	.86	.062	4	434	4.41	77	.11	2	2.92	.02	.04	1	17
25 L92N 97+25E	1	140	2	58	.2	387	38	892	4.92	2	5	ND	1	22	.3	2	2	81	.77	.051	3	488	4.67	106	.13	2	3.01	.02	.08	1	27
25 L92N 97+50E	1	96	2	44	.2	408	38	672	4.58	2	5	ND	1	26	.2	2	2	80	.62	.052	3	595	4.82	96	.13	2	2.74	.02	.06	1	20
25 L92N 97+75E	1	123	4	62	.2	322	36	1199	5.03	6	5	ND	1	20	.3	2	2	86	.71	.058	4	476	4.32	113	.15	2	2.99	.02	.08	1	58
25 L92N 98+00E	1	97	2	47	.2	402	36	649	4.68	2	5	ND	1	17	.2	2	2	80	.48	.047	3	633	4.63	75	.12	2	2.65	.01	.05	1	69
25 L92N 98+25E	1	24	3	53	.4	135	12	196	2.38	2	5	ND	1	28	.2	3	2	53	.31	.091	15	139	1.56	212	.18	2	1.70	.03	.04	1	2
25 L92N 98+50E	1	65	3	48	.1	398	38	611	5.17	2	5	ND	1	18	.2	2	2	93	.34	.066	4	399	4.20	89	.09	2	2.39	.03	.04	1	4
25 L92N 98+75E	1	35	10	85	.3	239	30	885	5.53	4	5	ND	2	19	.3	2	2	97	.32	.107	7	277	3.06	139	.16	2	2.12	.02	.04	1	4
25 L92N 99+00E	1	98	6	64	.3	423	40	912	5.13	3	5	ND	2	19	.2	2	2	83	.33	.079	6	290	4.13	90	.16	2	3.03	.02	.04	1	9
25 L92N 99+25E	1	103	2	48	.1	416	38	529	3.80	2	5	ND	1	17	.2	2	2	57	.35	.055	5	382	4.67	82	.14	2	3.07	.03	.06	1	41
25 L92N 99+50E	1	85	2	39	.2	487	42	441	4.58	2	5	ND	1	31	.4	2	2	78	.47	.048	2	544	5.06	106	.13	2	2.57	.02	.06	1	110
25 L92N 99+75E	1	109	2	36	.2	721	78	489	5.75	5	5	ND	1	30	.4	2	2	95	.44	.052	2	547	6.58	78	.12	2	2.94	.01	.03	1	20
25 L90N 94+00E	1	88	4	444	.1	506	51	1865	6.07	5	5	ND	1	13	5.3	2	2	123	.36	.078	4	532	5.88	50	.08	2	4.06	.01	.02	1	8
25 L90N 94+25E	1	151	3	87	.2	165	29	1518	4.96	2	5	ND	2	32	.2	4	2	79	.65	.119	7	179	2.38	79	.10	2	3.06	.02	.04	1	11
25 L90N 94+50E	1	93	2	99	.1	91	23	2380	5.98	10	5	ND	4	27	.3	4	3	89	.25	.115	14	98	2.24	84	.13	2	3.32	.03	.08	1	9
25 L90N 94+75E	1	185	2	102	.1	190	35	2202	6.00	5	5	ND	1	26	.6	2	2	95	.29	.080	11	202	3.25	70	.10	2	3.34	.02	.07	1	12
25 L90N 95+00E	1	215	3	67	.4	295	41	1727	5.12	7	5	ND	2	20	.3	2	2	95	.55	.053	10	366	4.30	112	.12	2	3.32	.02	.05	1	14
25 L90N 95+25E	1	83	2	56	.4	131	26	1192	3.62	5	5	ND	1	33	.2	2	2	63	.74	.114	9	159	1.88	103	.13	2	2.06	.02	.05	1	4
25 L90N 95+50E	1	109	2	82	.1	136	28	1812	4.88	4	5	ND	1	36	.2	3	2	79	.99	.115	16	173	2.12	111	.21	2	2.70	.03	.05	1	4
25 L90N 95+75E	1	186	2	66	.1	363	38	1164	4.89	4	5	ND	1	14	.2	2	2	91	.49	.062	5	429	4.74	79	.17	2	3.35	.02	.07	1	13
25 L90N 96+00E	1	185	2	57	.2	456	45	1172	4.32	6	5	ND	1	17	.2	2	2	77	.75	.060	2	492	5.17	133	.19	2	3.56	.01	.35	1	11
25 L90N 96+25E	1	129	2	48	.1	356	33	736	4.15	8	5	ND	1	17	.3	2	2	79	.86	.055	2	357	4.71	56	.11	2	2.90	.02	.14	1	5
25 L90N 96+50E	1	160	2	55	.3	404	42	896	4.42	2	5	ND	1	18	.3	2	2	77	.63	.050	2	437	5.00	121	.16	2	3.24	.02	.14	1	6
25 L90N 96+75E	2	169	6	58	.3	304	36	1279	5.06	10	5	ND	2	18	.4	2	2	88	.69	.067	4	368	4.40	111	.13	2	2.86	.02	.08	1	47
25 L90N 97+00E	1	126	2	52	.2	431	37	794	4.72	7	5	ND	1	22	.2	2	2	83	.58	.053	3	547	5.36	103	.14	2	3.08	.01	.07	1	12
25 L90N 97+25E	1	116	2	51	.3	417	36	723	4.54	3	5	ND	1	19	.2	2	2	77	.61	.046	2	599	5.25	100	.12	2	2.93	.01	.06	1	30
25 L90N 97+50E	1	55	2	29	.3	346	25	339	3.50	2	8	ND	1	24	.2	2	2	47	.44	.026	2	440	4.81	146	.08	2	2.21	.01	.08	2	5
STANDARD C/AU-S	19	60	38	131	7.0	73	31	1053	3.97	40	24	7	40	52	18.6	16	21	60	.48	.096	37	59	.95	183	.08	32	1.90	.06	.14	12	54

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
25 L90N 97+75E	1	80	11	36	.3	410	37	403	5.07	2	5	ND	1	45	.5	2	2	99	.77	.043	2	543	5.89	231	.09	2	2.57	.01	.18	1	6
25 L90N 98+00E	1	80	2	36	.4	523	45	492	5.19	2	5	ND	1	60	1.2	2	2	91	.81	.049	2	593	6.65	182	.08	2	2.97	.02	.15	1	3
25 L90N 98+25E	1	91	7	36	.4	566	46	444	4.73	3	5	ND	1	90	1.1	2	2	78	1.13	.049	2	588	7.35	241	.07	2	3.21	.02	.31	1	4
25 L90N 98+50E	1	62	2	47	.4	410	37	640	5.11	2	5	ND	1	59	.8	2	2	93	.88	.069	3	563	4.94	249	.07	2	2.04	.03	.11	1	84
25 L90N 98+75E	1	76	4	47	.5	607	49	774	5.45	3	5	ND	1	45	1.2	2	2	88	.69	.062	2	524	7.80	172	.04	2	3.34	.01	.07	1	13
25 L90N 99+00E	1	61	3	31	.4	500	42	766	5.77	2	5	ND	1	95	1.5	2	2	99	1.64	.055	2	592	6.59	173	.04	2	2.76	.01	.08	1	5
25 L90N 99+25E	1	81	12	86	.5	360	38	809	6.48	8	5	ND	2	24	1.0	4	2	95	.38	.076	8	433	3.96	122	.14	5	2.12	.03	.08	1	11
25 L90N 99+50E	1	84	10	64	.5	426	36	681	5.71	3	5	ND	1	36	.9	2	2	91	.39	.052	5	570	5.30	83	.06	2	2.58	.02	.06	1	10
25 L90N 99+75E	1	83	8	100	.5	276	28	688	5.19	16	5	ND	1	18	1.2	2	2	82	.31	.073	8	283	3.71	73	.13	2	3.16	.03	.06	1	16
25 L88N 91+50E	1	214	7	109	.6	567	55	1223	5.20	14	5	ND	2	24	.9	2	2	86	.56	.061	8	268	5.23	114	.13	3	3.32	.03	.08	1	16
25 L88N 91+75E	1	136	7	154	.4	571	51	825	5.41	5	5	ND	2	31	1.1	2	2	84	.60	.053	3	298	5.66	68	.11	3	2.84	.02	.06	1	52
25 L88N 92+00E	1	94	7	78	.5	276	32	675	3.95	3	5	ND	1	23	.7	2	2	66	.64	.091	2	300	3.89	83	.08	2	2.35	.03	.06	1	21
25 L88N 92+25E	1	119	10	100	.3	321	37	957	4.27	4	5	ND	1	32	.9	2	2	73	.92	.104	7	271	3.96	113	.09	2	2.63	.04	.06	1	15
25 L88N 92+50E	1	136	7	71	.4	354	38	842	4.54	7	5	ND	1	18	1.1	2	2	77	.53	.066	5	348	4.43	68	.12	2	2.77	.03	.05	1	5
25 L88N 92+75E	1	130	6	71	.4	325	39	938	4.58	4	5	ND	1	19	1.0	2	2	79	.53	.071	5	338	4.29	77	.12	2	2.94	.03	.07	1	13
25 L88N 93+00E	1	154	14	84	.5	450	46	969	4.62	6	5	ND	1	20	1.3	2	2	77	.70	.062	5	368	4.88	81	.12	2	3.03	.03	.07	1	10
25 L88N 93+25E	1	121	2	64	.6	394	41	796	4.41	5	5	ND	1	19	1.0	2	2	73	.58	.052	4	352	4.60	76	.13	2	2.77	.03	.06	1	10
25 L88N 93+50E	1	107	12	87	.3	245	37	1219	4.98	2	5	ND	2	18	.9	2	2	79	.41	.107	9	260	3.45	75	.20	2	2.89	.03	.07	1	6
25 L88N 93+75E	1	117	4	62	.4	254	32	743	3.99	4	5	ND	1	17	.6	2	2	65	.45	.079	5	324	3.58	63	.13	2	2.31	.03	.07	1	15
25 L88N 94+00E	1	128	9	79	.3	241	36	1105	4.89	7	5	ND	1	14	.7	2	2	80	.36	.109	7	269	3.33	74	.19	2	2.73	.03	.07	1	6
25 L88N 94+25E	1	138	7	63	.4	342	40	756	4.24	7	5	ND	1	14	1.1	2	2	70	.46	.058	4	395	4.18	78	.14	2	2.52	.03	.06	1	5
25 L88N 94+50E	1	77	4	74	.4	202	23	740	4.54	2	5	ND	1	11	.5	2	2	82	.29	.092	6	247	2.98	59	.14	2	2.64	.04	.05	1	1
25 L88N 94+75E	1	88	7	80	.2	214	37	1133	6.17	4	5	ND	2	11	.7	2	2	93	.29	.134	14	209	2.71	50	.26	2	3.45	.03	.05	1	3
25 L88N 95+00E	1	83	2	62	.4	233	27	621	4.29	2	5	ND	1	10	.4	2	2	70	.34	.089	6	255	3.57	40	.24	2	2.55	.05	.05	1	4
25 L88N 95+25E	1	106	4	72	.3	274	34	787	4.93	3	5	ND	2	10	.8	2	2	77	.34	.095	6	266	3.98	53	.24	2	3.14	.05	.08	1	4
25 L88N 95+50E	1	95	2	55	.3	301	38	655	4.34	2	5	ND	1	23	.5	2	2	60	.58	.067	2	290	4.72	263	.19	2	3.38	.04	.29	1	4
25 L88N 95+75E	1	96	2	60	.5	257	32	671	4.80	2	5	ND	1	28	.7	2	2	74	.75	.096	3	251	3.79	175	.25	2	2.57	.04	.07	1	5
25 L88N 96+00E	1	134	2	43	.3	291	31	1022	3.29	2	5	ND	1	33	.7	2	4	51	1.28	.112	3	380	4.07	187	.06	2	2.38	.02	.05	1	7
25 L88N 96+25E	1	113	2	52	.5	306	35	768	3.34	3	5	ND	1	55	1.0	2	2	54	1.46	.128	4	319	4.14	264	.08	2	2.53	.02	.06	1	5
25 L88N 96+50E	1	93	2	51	.4	332	33	577	3.82	2	5	ND	1	31	.5	2	2	61	.70	.099	3	327	4.46	177	.11	2	2.85	.03	.07	1	4
25 L88N 96+75E	1	131	3	46	.4	421	39	643	4.27	2	5	ND	1	27	.8	2	2	66	.82	.048	3	536	5.52	173	.14	2	3.34	.02	.11	1	6
25 L88N 97+00E	1	117	2	45	.5	305	29	424	3.35	2	5	ND	1	86	.7	2	2	61	1.43	.080	2	372	4.72	293	.07	2	2.65	.02	.05	1	4
25 L88N 97+25E	1	133	2	40	.3	471	40	541	4.90	2	5	ND	1	34	1.1	2	2	88	.69	.045	2	645	6.47	116	.08	2	3.42	.01	.04	1	3
25 L88N 97+50E	1	88	2	31	.3	415	36	462	4.67	2	5	ND	1	22	.8	2	2	84	.46	.037	2	592	5.56	77	.10	2	2.82	.01	.03	1	4
25 L88N 97+75E	1	86	2	35	.3	561	50	1063	5.70	2	5	ND	1	28	1.0	2	2	96	.34	.049	4	668	7.04	134	.05	2	3.49	.01	.03	1	1
25 L88N 98+00E	1	76	2	35	.3	450	40	768	4.65	2	5	ND	1	33	.7	2	3	76	.55	.050	3	609	5.74	153	.07	2	2.86	.03	.04	1	2
STANDARD C/AU-S	18	60	38	131	6.7	70	32	1054	3.97	38	18	7	37	52	18.5	16	23	56	.49	.097	35	57	.96	179	.07	34	1.89	.06	.14	12	46

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
25 L88N 98+25E	2	52	11	68	.2	179	24	834	5.22	18	5	ND	1	12	.4	2	2	81	.20	.087	7	190	2.68	70	.14	2	2.79	.02	.04	1	15
25 L88N 98+50E	1	68	12	69	.2	455	50	1016	5.37	10	5	ND	1	16	.7	2	2	83	.31	.066	3	491	5.37	92	.13	2	3.34	.02	.04	1	6
25 L88N 98+75E	1	63	8	71	.2	552	53	923	5.21	3	5	ND	2	15	.6	2	2	79	.32	.084	4	446	5.96	90	.08	3	2.98	.02	.07	1	4
25 L88N 99+00E	1	68	3	70	.1	374	44	928	5.30	6	5	ND	1	14	.5	2	2	91	.36	.076	5	405	4.54	89	.14	2	2.84	.04	.05	1	1
25 L88N 99+25E	1	62	2	56	.3	419	39	640	4.70	2	5	ND	1	13	.8	2	2	81	.32	.049	3	432	4.81	75	.11	2	2.87	.03	.04	1	15
25 L88N 99+50E	1	54	2	52	.1	374	37	675	5.14	4	5	ND	1	15	.8	2	2	85	.30	.062	3	481	4.65	85	.08	2	2.57	.02	.04	1	7
25 L88N 99+75E	1	30	3	80	.1	228	36	1036	5.49	4	5	ND	1	20	.4	2	2	84	.35	.082	4	309	3.25	91	.12	2	1.85	.02	.05	1	1
25 L86N 95+25E	1	141	11	74	.2	1050	116	2642	6.84	20	5	ND	2	16	1.2	2	2	98	.21	.051	8	452	6.81	58	.09	9	3.01	.01	.03	1	23
25 L86N 95+50E	1	70	4	41	.3	494	45	508	4.82	4	5	ND	1	23	.8	2	2	85	.53	.040	2	636	5.90	125	.11	2	2.84	.02	.18	1	1
25 L86N 96+00E	1	88	2	48	.4	684	48	571	5.15	3	5	ND	1	19	1.0	2	2	92	.49	.051	4	509	7.14	89	.09	2	3.56	.01	.03	1	6
25 L86N 96+75E	1	98	4	83	.1	376	49	1212	5.53	14	5	ND	1	11	.8	2	2	88	.22	.142	7	354	4.32	42	.14	2	3.06	.03	.05	1	7
25 L86N 97+00E	1	72	11	57	.4	230	25	628	3.99	8	5	ND	1	12	.6	2	2	76	.22	.099	7	235	3.03	61	.16	2	2.65	.03	.06	1	5
25 L86N 97+25E	2	36	7	57	.2	49	8	488	5.26	2	5	ND	1	8	.2	2	2	80	.15	.090	9	95	.89	26	.28	2	2.91	.02	.05	1	1
25 L86N 97+50E	1	95	5	102	.2	357	36	889	5.69	15	5	ND	1	7	.4	2	2	89	.19	.077	6	444	4.65	34	.10	2	3.79	.02	.05	1	5
25 L86N 97+75E	1	47	7	94	.2	219	25	698	5.32	8	5	ND	1	9	.8	2	2	97	.18	.073	12	331	3.36	50	.16	2	3.23	.02	.05	1	4
25 L86N 98+00E	1	60	2	64	.4	216	18	284	4.50	5	5	ND	1	9	.7	2	2	75	.20	.118	10	270	3.34	34	.16	2	3.05	.03	.05	1	4
25 L86N 98+25E	1	52	2	56	.3	305	23	393	5.03	4	5	ND	1	8	.8	2	2	79	.20	.063	5	443	4.11	26	.10	2	3.03	.03	.03	1	1
25 L86N 98+50E	1	41	8	60	.2	171	18	758	4.75	6	5	ND	1	8	.4	2	2	85	.16	.133	5	334	2.82	30	.12	2	2.55	.02	.05	1	4
25 L86N 98+75E	1	42	7	48	.3	108	10	175	3.95	4	5	ND	1	8	.4	2	2	65	.12	.069	11	165	1.86	21	.22	2	2.68	.02	.03	1	1
25 L86N 99+00E	1	37	2	56	.2	158	14	319	3.87	7	5	ND	1	7	.4	2	2	68	.14	.070	6	227	2.61	19	.16	2	2.77	.02	.03	1	1
25 L86N 99+25E	2	29	12	62	.3	71	10	413	4.93	7	5	ND	1	8	.2	2	2	76	.10	.095	7	153	1.19	28	.24	2	2.29	.02	.04	1	1
25 L86N 99+50E	1	38	5	61	.2	95	10	234	5.31	8	5	ND	1	7	.3	2	2	68	.11	.070	10	188	1.66	35	.24	2	3.24	.01	.03	1	2
25 L86N 99+75E	1	45	5	57	.3	171	14	230	4.65	6	5	ND	1	9	.5	2	2	76	.17	.085	10	260	2.93	22	.20	2	3.08	.03	.03	1	4
25 L86N 100+25E	2	36	6	79	.1	137	21	2230	5.57	9	5	ND	1	10	.6	2	2	88	.13	.146	5	234	1.96	66	.09	2	2.06	.01	.05	1	1
25 L86N 100+50E	1	76	2	44	.2	698	52	458	4.98	4	5	ND	1	16	.8	2	2	81	.15	.051	2	650	7.02	31	.05	6	2.69	.01	.02	1	2
25 L86N 100+75E	1	56	5	75	.1	320	73	1892	5.87	5	5	ND	1	18	.5	2	2	95	.33	.103	4	393	3.90	161	.08	2	2.43	.03	.05	1	1
25 L86N 101+00E	2	43	10	70	.1	133	19	1377	5.26	5	5	ND	1	14	.4	2	2	97	.18	.111	6	276	2.26	68	.09	2	2.34	.02	.04	1	1
25 L86N 101+25E	1	36	2	73	.3	182	26	1916	5.17	8	5	ND	1	13	.6	2	2	88	.23	.131	6	342	2.52	72	.10	2	1.95	.02	.04	1	12
25 L86N 101+50E	2	25	8	72	.2	162	27	1090	5.63	5	5	ND	1	9	.5	2	2	86	.15	.089	4	406	2.34	47	.11	2	1.93	.02	.04	1	5
25 L86N 101+75E	3	28	10	93	.2	140	38	2609	5.92	6	5	ND	1	18	.8	2	2	107	.32	.094	5	317	2.01	179	.25	2	1.61	.03	.05	1	1
25 L86N 101+75E A	2	38	6	73	.4	251	28	855	5.15	89	5	ND	1	26	.5	2	2	118	.40	.085	7	349	2.83	107	.12	2	2.33	.02	.05	1	2
25 L86N 102+00E	1	70	2	75	.2	428	43	847	5.29	25	5	ND	1	9	.8	2	2	92	.20	.075	3	542	4.62	41	.10	2	2.92	.02	.03	1	8
25 L86N 102+25E	1	73	2	69	.2	391	41	762	4.93	16	5	ND	1	13	.9	2	2	82	.24	.062	5	570	4.54	66	.09	3	2.76	.02	.03	1	2
25 L86N 102+50E	1	44	9	80	.3	319	34	789	5.41	10	5	ND	1	23	.6	2	2	85	.40	.096	3	624	4.12	102	.09	2	2.04	.02	.05	1	2
25 L86N 102+75E	2	30	7	70	.5	118	15	494	4.47	8	5	ND	1	19	.3	3	2	96	.18	.051	6	337	1.65	148	.25	2	1.40	.02	.04	1	1
25 L86N 103+00E	1	43	3	69	.3	319	31	708	5.30	13	5	ND	1	11	.8	2	2	80	.26	.077	3	633	3.95	65	.08	4	2.21	.02	.03	1	1
STANDARD C/AU-S	17	58	39	131	6.9	69	31	1055	3.97	36	18	7	36	50	18.4	15	19	56	.49	.091	37	57	.95	178	.08	34	1.89	.06	.14	11	45

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
25 L86N 103+25E	2	25	12	74	.2	165	31	1815	6.05	2	5	ND	1	11	.4	2	2	102	.13	.073	4	382	2.53	46	.22	2	2.11	.02	.04	1	4
25 L86N 103+50E	1	65	8	41	.2	548	42	407	5.13	2	5	ND	1	14	1.0	2	2	92	.29	.046	2	815	5.80	29	.09	2	2.94	.03	.02	1	1
25 L86N 103+75E	1	88	2	42	.2	466	39	406	3.76	2	5	ND	1	49	.6	2	2	53	.82	.039	2	518	5.88	335	.13	2	3.29	.07	.09	1	1
25 L86N 104+00E	1	31	10	86	.1	166	31	2287	5.55	6	5	ND	1	23	.3	2	2	97	.32	.108	5	337	2.49	128	.21	2	2.10	.02	.06	1	1
25 L86N 104+25E	2	32	8	74	.4	161	33	1342	4.57	3	5	ND	1	34	.5	2	2	111	.34	.093	9	216	1.66	410	.13	2	1.60	.03	.06	1	1
25 L86N 104+50E	2	24	8	77	.3	82	14	560	4.47	4	5	ND	1	18	.3	2	2	103	.20	.068	5	263	1.36	79	.27	2	1.07	.02	.06	1	2
25 L86N 105+00E	2	29	4	85	.2	126	30	2086	6.11	2	5	ND	1	17	.5	2	2	112	.27	.092	5	313	1.88	156	.30	2	1.50	.03	.05	1	2
25 L86N 105+25E	1	38	4	66	.2	457	56	1468	5.33	2	5	ND	1	11	.8	2	2	77	.29	.121	2	701	5.34	70	.06	6	2.26	.02	.03	1	1
25 L86N 105+50E	1	33	9	61	.2	250	31	978	4.09	2	5	ND	1	10	.6	2	2	80	.19	.080	3	446	3.44	46	.14	2	2.11	.03	.04	1	13
25 L86N 105+75E	1	30	9	52	.3	223	20	465	4.12	2	5	ND	1	9	.5	2	2	76	.14	.060	4	422	3.55	34	.14	2	2.06	.02	.03	1	2
25 L86N 106+00E	1	59	3	60	.2	315	31	705	5.13	2	5	ND	1	13	.6	2	2	86	.29	.086	3	591	3.89	66	.10	3	2.11	.02	.04	1	2
25 L86N 106+25E	3	28	8	67	.2	76	22	1236	6.80	2	5	ND	1	10	.2	3	2	98	.12	.073	6	255	1.23	45	.30	2	1.64	.02	.04	1	3
25 L86N 106+50E	2	25	14	45	.2	25	5	164	3.36	2	6	ND	1	10	.2	2	2	62	.11	.086	8	81	.47	28	.28	2	1.73	.02	.05	1	1
25 L84N 96+25E	1	91	2	47	.3	479	38	510	3.97	2	5	ND	1	41	.6	2	2	56	.63	.068	2	454	5.33	87	.11	2	2.61	.03	.05	1	1
25 L84N 96+50E	1	86	6	53	.2	460	39	722	4.96	2	5	ND	1	32	1.0	2	2	78	.48	.070	4	434	4.94	92	.09	2	2.41	.03	.04	1	4
25 L84N 96+75E	1	116	2	64	.3	412	36	735	4.69	3	5	ND	2	19	1.0	2	2	74	.43	.055	7	507	4.73	63	.14	2	2.79	.04	.04	1	2
25 L84N 97+00E	1	109	3	89	.2	275	29	771	6.51	4	5	ND	3	11	.7	2	2	103	.23	.106	10	345	4.03	39	.32	2	3.50	.04	.06	1	2
25 L84N 97+25E	1	104	2	82	.2	304	36	1071	5.66	5	5	ND	2	11	.7	2	2	89	.21	.087	7	374	4.14	40	.23	4	2.90	.04	.05	1	7
25 L84N 97+50E	1	91	2	90	.1	203	25	927	5.48	2	5	ND	3	13	1.3	2	2	87	.23	.124	12	236	3.22	44	.29	2	3.38	.04	.05	1	1
25 L84N 97+75E	2	79	2	73	.2	147	15	326	4.75	5	5	ND	2	12	.7	2	2	74	.18	.143	15	161	2.58	37	.24	2	3.66	.03	.05	1	2
25 L84N 98+00E	2	39	3	55	.2	27	7	477	4.85	2	6	ND	1	7	.3	2	2	73	.09	.081	12	54	.50	19	.34	2	2.76	.02	.03	1	2
25 L84N 98+25E	1	24	7	182	.1	145	15	1082	4.37	2	5	ND	1	24	.7	2	2	59	.50	.115	3	141	3.00	45	.09	2	2.19	.06	.08	1	1
25 L84N 98+50E	2	37	3	62	.3	67	8	370	3.13	2	5	ND	1	11	.5	2	2	67	.12	.113	7	144	1.25	36	.09	2	2.35	.02	.05	1	8
25 L84N 98+75E	1	106	2	76	.2	412	30	597	4.98	3	5	ND	2	11	.8	2	2	79	.22	.085	10	276	4.79	41	.17	2	3.84	.03	.06	1	8
25 L84N 99+00E	2	32	2	47	.2	31	6	387	4.82	4	8	ND	2	7	.7	2	2	60	.16	.081	11	95	.47	28	.22	2	3.55	.02	.03	1	1
25 L84N 99+25E	3	37	3	63	.2	27	8	511	4.59	2	8	ND	2	10	.6	2	2	79	.16	.121	11	54	.71	24	.33	2	2.74	.03	.05	1	6
25 L84N 99+50E	1	105	2	92	.2	464	37	958	5.07	20	5	ND	1	22	.9	2	2	95	.38	.092	11	361	4.84	77	.14	3	3.80	.03	.07	1	5
25 L84N 99+75E	1	37	2	81	.1	172	18	510	5.21	3	5	ND	1	15	.7	2	2	90	.30	.062	7	263	2.55	50	.32	2	2.70	.03	.04	1	2
25 L84N 100+25E	1	27	4	69	.2	152	25	1039	4.09	2	5	ND	1	11	.8	2	2	83	.17	.087	6	315	2.36	47	.19	2	1.91	.02	.04	1	1
25 L84N 100+50E	1	30	6	71	.2	192	17	441	4.29	2	5	ND	1	9	.4	2	2	80	.18	.068	4	595	3.06	33	.19	2	2.45	.02	.03	1	7
25 L84N 100+75E	1	34	2	88	.1	174	22	705	6.30	2	5	ND	2	10	.6	2	2	88	.28	.125	7	399	2.79	39	.32	2	2.50	.03	.03	1	2
25 L84N 101+00E	1	21	2	59	.2	174	16	427	4.10	2	5	ND	1	12	.4	2	2	92	.21	.074	3	439	2.92	46	.15	2	1.63	.03	.03	1	1
25 L84N 101+25E	2	20	6	60	.1	97	14	750	3.61	2	5	ND	1	9	.5	2	2	87	.23	.066	3	244	1.76	38	.31	2	1.27	.05	.04	1	1
25 L84N 101+50E	1	20	2	71	.2	206	18	528	4.40	2	5	ND	1	11	.7	2	2	85	.14	.066	4	501	3.20	42	.18	2	1.79	.02	.03	1	1
25 L84N 101+75E	3	26	3	71	.2	68	15	1323	4.43	5	5	ND	2	11	.6	3	2	83	.15	.112	4	180	1.27	36	.24	2	1.34	.02	.06	1	4
25 L84N 102+00E	1	52	2	66	.1	283	19	420	3.86	2	5	ND	1	9	.4	2	2	72	.21	.094	4	587	3.55	31	.06	3	2.17	.03	.04	1	3
STANDARD C/AU-S	19	62	38	132	6.9	72	31	1061	3.99	39	18	7	40	52	18.4	15	20	60	.51	.094	38	58	.98	183	.08	35	1.91	.07	.14	11	46

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
25 L84N 102+25E	3	35	8	73	.4	88	15	821	5.29	2	5	ND	2	11	.3	2	2	82	.19	.133	10	261	1.52	42	.23	2	2.78	.02	.05	1	6
25 L84N 102+50E	2	26	4	75	.4	177	15	459	3.51	7	5	ND	1	22	.2	2	2	59	.30	.104	6	351	2.70	123	.04	3	1.70	.01	.05	1	1
25 L84N 102+75E	1	29	4	67	.3	208	21	514	4.79	7	5	ND	1	12	.2	2	2	72	.22	.061	4	442	3.02	64	.09	2	1.74	.02	.04	1	3
25 L84N 103+00E	3	15	3	72	.3	102	36	1905	3.53	6	5	ND	1	29	.2	2	2	65	.38	.069	5	270	1.72	186	.09	4	1.16	.02	.07	1	1
25 L84N 103+25E	2	28	10	80	.2	113	45	3101	4.72	2	5	ND	1	20	.5	2	2	74	.23	.082	5	273	1.35	216	.12	2	1.58	.02	.05	1	1
25 L84N 103+50E	1	20	10	70	.1	142	38	1808	4.22	2	5	ND	1	12	.6	2	2	76	.25	.088	4	322	1.58	132	.12	2	.98	.03	.05	1	1
25 L84N 103+75E	2	21	12	97	.3	141	38	1716	4.43	2	5	ND	1	47	.4	2	2	83	.50	.110	5	257	2.33	356	.16	4	1.52	.02	.07	1	1
25 L84N 104+00E	3	111	2	67	.5	397	37	1600	3.75	10	5	ND	1	69	.2	2	2	85	.77	.130	9	334	2.62	378	.07	4	1.90	.03	.06	1	3
25 L84N 104+25E	1	25	2	61	.3	173	26	756	3.89	3	5	ND	1	24	.5	2	2	74	.39	.052	3	327	2.99	146	.12	4	1.56	.02	.10	1	1
25 L84N 104+50E	4	21	7	119	.3	82	21	1168	4.08	2	5	ND	1	29	.4	2	2	85	.36	.079	5	170	1.38	190	.17	3	1.30	.03	.11	1	1
25 L84N 104+75E	4	29	7	81	.2	89	24	1504	4.79	5	5	ND	1	16	.3	2	2	87	.20	.074	6	192	1.21	98	.20	2	1.89	.02	.06	1	2
25 L84N 105+00E	2	41	6	91	.2	274	25	982	4.58	15	5	ND	1	29	.2	2	2	112	.34	.120	6	321	2.83	192	.13	2	1.92	.02	.06	1	1
25 L84N 105+25E	4	26	7	95	.2	106	57	2868	4.94	5	5	ND	1	25	.6	2	2	89	.31	.081	6	181	1.27	157	.16	2	1.37	.03	.10	1	1
25 L84N 105+50E	1	61	3	70	.6	226	25	1060	4.40	10	5	ND	1	16	.4	2	2	96	.17	.107	19	218	1.73	92	.12	2	2.48	.02	.05	1	1
25 L84N 105+75E	2	34	8	89	.4	117	34	1971	5.01	5	5	ND	1	10	.7	2	2	81	.15	.092	6	249	1.79	89	.13	2	2.21	.02	.05	1	1
25 L84N 106+00E	1	215	2	48	.6	890	29	535	1.94	11	11	ND	1	191	.5	2	2	50	2.09	.101	11	288	3.14	750	.03	16	1.43	.01	.08	1	11
25 L84N 106+25E	1	58	10	93	.3	296	34	1463	3.16	31	5	ND	1	70	.7	2	2	100	1.00	.134	4	319	3.14	345	.05	7	1.74	.02	.07	1	5
25 L84N 106+50E	5	25	12	70	.2	106	25	1112	4.60	7	5	ND	1	17	.4	2	2	101	.21	.078	6	196	1.59	86	.16	2	1.72	.02	.07	1	3
25 L84N 106+75E	1	19	2	88	.3	146	27	1438	4.27	7	5	ND	1	20	.2	2	2	86	.37	.071	4	350	2.95	87	.11	8	1.51	.03	.07	1	1
25 L84N 107+00E	2	56	7	105	.3	232	40	1423	5.19	18	5	ND	1	67	.8	2	2	161	.56	.098	9	292	2.23	402	.17	2	2.14	.02	.10	1	1
25 TL107E 110+00N	1	48	2	54	.4	328	34	538	4.27	3	5	ND	1	15	.5	2	2	77	.25	.055	2	582	4.38	70	.06	3	1.95	.02	.03	1	8
25 TL107E 109+75N	1	30	2	43	.4	248	23	444	5.22	2	5	ND	1	7	.6	2	2	87	.16	.064	3	590	3.55	30	.10	2	2.00	.02	.03	1	4
25 TL107E 109+50N	1	21	2	48	.2	206	18	329	4.41	3	5	ND	1	9	.2	2	2	90	.19	.061	2	515	3.27	44	.15	2	1.61	.02	.02	1	1
25 TL107E 109+25N	1	35	8	76	.4	107	22	689	6.41	2	5	ND	2	13	.8	2	2	93	.25	.097	7	221	2.01	72	.39	2	2.82	.02	.02	1	1
25 TL107E 109+00N	1	50	2	48	.2	312	38	659	3.85	3	5	ND	1	10	.6	2	2	70	.22	.053	2	493	4.05	72	.09	2	1.93	.02	.02	1	1
25 TL107E 108+75N	1	62	2	43	.3	371	32	448	4.67	2	5	ND	1	11	.2	2	2	87	.22	.039	2	781	4.27	82	.08	2	1.66	.02	.03	1	6
25 TL107E 108+50N	1	28	3	43	.4	155	12	172	2.56	2	5	ND	1	9	.2	2	2	60	.18	.045	4	395	2.60	35	.17	2	1.71	.02	.02	1	1
25 TL107E 108+25N	1	72	2	43	.2	397	39	500	4.38	2	5	ND	1	14	.7	2	2	79	.26	.052	2	671	4.60	66	.07	4	1.96	.02	.03	1	2
25 TL107E 108+00N	1	27	2	46	.4	208	19	426	3.09	2	5	ND	1	11	.3	2	2	70	.21	.043	3	460	3.23	54	.12	2	1.56	.02	.02	1	2
25 TL107E 107+75N	1	64	2	33	.3	435	33	435	4.02	3	5	ND	1	20	.7	2	2	68	.30	.051	2	594	4.75	120	.07	5	1.81	.02	.03	1	2
25 TL107E 107+50N	1	33	2	42	.4	215	25	757	3.92	3	5	ND	1	12	.4	2	2	84	.20	.057	4	442	3.08	71	.22	2	1.53	.02	.03	1	4
25 TL107E 107+25N	1	70	2	43	.3	400	36	380	4.17	4	5	ND	1	10	.6	2	2	77	.24	.034	2	576	4.91	125	.08	2	2.23	.02	.02	1	2
25 TL107E 107+00N	1	97	2	35	.3	441	36	386	3.41	2	5	ND	1	24	.8	2	2	50	.55	.047	2	518	4.94	244	.09	2	2.68	.04	.25	1	1
25 TL107E 106+75N	1	90	2	31	.2	450	35	402	3.56	2	5	ND	1	26	.7	2	2	58	.54	.045	2	743	4.82	192	.08	2	2.40	.03	.16	1	3
25 TL107E 106+50N	1	84	2	35	.2	459	39	413	3.53	2	5	ND	1	23	.7	2	2	58	.57	.044	2	620	4.89	324	.08	3	2.46	.02	.21	1	1
25 TL107E 106+25N	1	66	5	51	.3	420	40	637	4.67	2	5	ND	1	15	.6	2	2	85	.32	.047	2	680	4.55	114	.08	5	1.82	.02	.02	1	2
STANDARD C/AU-S	18	59	38	131	6.9	70	32	1055	3.97	39	18	7	36	51	18.4	15	20	55	.50	.094	37	56	.96	182	.08	31	1.89	.06	.14	12	45

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
25 TL107E 106+00N	1	58	2	44	.4	450	38	544	5.21	2	5	ND	1	16	.3	2	2	97	.31	.047	2	810	4.79	90	.09	4	1.77	.02	.03	1	3
25 TL107E 105+75N	1	71	3	46	.3	574	47	529	4.65	2	5	ND	1	15	.3	2	2	82	.21	.049	3	727	5.84	78	.07	8	2.01	.02	.03	1	8
25 TL107E 105+50N	1	61	2	40	.3	463	33	422	4.54	2	5	ND	1	22	.2	2	2	82	.34	.054	3	693	4.90	132	.08	5	1.92	.03	.03	1	1
25 TL107E 105+25N	1	23	2	41	.2	380	38	562	4.73	3	5	ND	1	11	.2	2	2	72	.14	.051	3	600	5.12	47	.08	6	2.16	.01	.02	1	1
25 TL107E 105+00N	3	23	11	55	.1	58	8	259	5.80	2	5	ND	2	8	.2	2	2	85	.10	.093	12	135	.94	34	.35	2	2.90	.02	.04	1	1
25 TL107E 104+75N	5	32	12	75	.2	107	20	693	5.41	2	5	ND	3	8	.2	2	2	74	.17	.092	13	140	1.75	39	.32	2	3.65	.02	.03	1	1
25 TL107E 104+50N	1	29	8	58	.3	237	25	523	5.42	2	5	ND	2	7	.2	2	2	90	.10	.060	8	466	3.49	32	.24	2	2.31	.02	.02	1	1
25 TL107E 104+25N	1	9	2	41	.3	405	32	410	4.83	2	5	ND	1	5	.2	2	2	74	.08	.038	2	583	5.09	22	.10	2	2.37	.01	.02	1	2
90S-11-W12	4	539	25	139	.3	16	42	3439	5.70	4	5	ND	1	149	.8	2	2	116	.91	.212	6	18	2.27	139	.16	2	2.37	.01	.36	1	63
90S-20-A01	1	168	2	127	.3	24	28	1444	5.19	4	5	ND	1	126	.5	2	2	183	2.59	.199	6	46	3.80	64	.17	2	3.14	.01	.76	1	12
90S-20-A02	1	200	12	97	.3	20	25	1501	5.94	5	5	ND	2	113	.2	2	2	214	1.13	.227	7	33	3.14	64	.18	2	2.36	.01	.77	1	67
90S-20-A03	1	93	9	95	.1	14	19	878	5.06	2	5	ND	2	144	.2	2	2	177	.73	.187	6	17	2.67	38	.18	2	2.63	.01	1.14	1	2
90S-20-A04	1	157	8	89	.3	15	21	1200	5.09	6	5	ND	2	168	.4	2	2	182	2.81	.303	8	23	2.96	99	.16	2	2.30	.02	.61	1	7
90S-20-A05	1	257	14	105	.2	12	23	1359	5.91	10	5	ND	3	171	.8	2	2	214	2.33	.252	9	18	3.18	131	.18	2	3.30	.02	1.03	1	7
90S-20-A06	1	100	4	95	.1	12	22	1339	4.74	3	5	ND	1	120	.3	2	2	197	1.75	.172	7	18	2.94	55	.13	2	2.37	.01	.49	1	7
90S-20-A07	1	173	5	99	.1	13	24	1405	4.55	2	5	ND	1	122	.2	2	2	194	1.35	.166	10	18	3.05	58	.14	2	2.47	.01	.36	2	9
90S-20-A08	1	94	2	79	.1	9	18	1005	3.98	4	5	ND	1	96	.4	2	2	156	1.12	.084	6	10	2.05	26	.17	2	2.32	.02	.13	1	4
90S-20-A09	1	37	5	44	.1	6	8	547	2.94	2	5	ND	1	71	.2	2	2	143	1.24	.068	4	10	1.13	27	.12	2	1.52	.05	.08	2	2
90S-20-A10	1	53	2	77	.1	9	14	690	3.42	2	5	ND	1	67	.2	2	2	103	.74	.076	8	10	1.51	32	.14	2	2.02	.05	.12	1	5
90S-20-A11	1	361	11	106	.2	13	25	1427	5.58	9	5	ND	3	161	.5	2	2	198	1.94	.264	13	16	3.04	139	.18	2	3.07	.02	.75	1	11
90S-20-A12	1	289	6	98	.1	13	24	1438	5.51	6	5	ND	2	151	.6	2	2	192	1.89	.255	9	16	2.77	80	.17	2	2.31	.01	.55	1	38
90S-20-A13	1	140	2	79	.1	10	20	1054	4.57	4	5	ND	1	155	.3	2	2	166	2.07	.284	7	11	2.50	35	.15	2	1.85	.01	.34	1	7
90S-20-A14	1	160	4	71	.2	11	20	968	4.21	4	5	ND	2	196	.2	2	2	137	1.76	.256	7	13	2.42	53	.18	2	1.91	.01	.24	1	12
90S-20-A15	1	125	3	58	.1	10	16	702	3.48	2	5	ND	1	165	.6	2	2	89	1.19	.198	5	13	1.77	31	.16	2	1.68	.01	.11	1	4
90S-20-A16	1	102	2	63	.2	11	16	751	3.66	2	5	ND	1	154	.2	2	2	91	1.12	.193	6	20	1.84	51	.15	2	1.73	.02	.10	1	12
90S-20-A17	1	175	3	66	.1	8	13	1209	3.61	2	5	ND	1	53	.2	2	2	81	.36	.124	13	10	1.11	78	.05	2	2.46	.06	.09	1	6
90S-20-A18	1	108	2	67	.1	9	14	539	3.38	2	5	ND	1	103	.2	2	2	87	.52	.114	4	9	1.48	26	.15	2	2.03	.02	.16	1	2
90S-20-W1	1	472	6	107	.1	17	40	2442	6.82	8	5	ND	1	90	.9	2	2	138	1.83	.154	4	17	2.66	174	.06	2	2.82	.01	.15	1	62
90S-20-W2	8	672	25	137	.1	16	77	3393	7.36	18	5	ND	1	114	1.8	2	2	166	1.44	.189	6	14	2.45	148	.11	2	2.68	.01	.16	1	21
90S-20-W3	9	100	51	157	1.7	7	13	1104	7.70	21	5	ND	2	87	.4	2	2	79	.31	.287	2	15	2.41	81	.21	2	1.75	.02	.38	1	15
90S-20-W4	10	125	63	149	1.5	7	8	946	7.82	18	5	ND	1	119	.4	2	2	81	.32	.288	4	12	2.36	88	.22	2	1.77	.03	.35	1	14
90S-20-W5	8	302	10	154	.5	12	48	2331	6.70	8	5	ND	1	83	.7	2	2	90	.49	.250	3	15	2.44	79	.18	2	2.25	.01	.36	1	40
90S-20-W6	13	224	7	138	.7	11	29	2045	6.40	9	5	ND	2	55	.7	2	2	87	.43	.254	4	13	3.17	58	.19	2	2.52	.01	.56	1	42
90S-20-W7	6	252	9	136	.5	10	32	1814	6.43	11	5	ND	1	91	.2	2	2	87	.54	.263	4	15	2.24	70	.18	2	1.96	.01	.34	1	45
90S-20-W8	7	385	7	134	.3	13	31	1879	5.43	4	5	ND	1	74	.5	2	2	89	.53	.207	3	25	2.88	115	.20	2	2.46	.01	.78	1	150
90S-20-W9	13	1114	50	160	.7	14	71	3639	7.70	8	5	ND	1	100	.3	2	2	89	.53	.207	3	15	2.46	190	.18	2	2.62	.01	.66	1	240
STANDARD C/AU-S	18	58	37	131	6.8	71	32	1053	3.98	39	16	7	38	52	18.5	16	19	58	.49	.097	35	57	.95	179	.07	33	1.88	.06	.13	11	55

[illegible] ME [illegible] L LA ATO B LT E STI ST. B.C V6A 1R6 PHONE (604) [illegible] FAX [illegible] 253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
25 BL 100E 100+00N	2	28	11	77	.4	16	15	1486	5.24	7	5	ND	2	20	1.3	2	2	57	.46	.109	23	21	.56	118	.33	5	3.90	.04	.05	1	1
25 BL 100E 96+00N	1	74	5	84	.1	668	74	1920	7.50	6	5	ND	2	12	.7	2	2	92	.16	.114	14	338	4.78	80	.24	9	2.78	.02	.03	1	2
25 BL 100E 95+25N	1	80	2	51	.1	721	56	766	6.74	2	5	ND	2	18	.8	2	2	91	.30	.071	9	383	5.07	95	.17	12	2.07	.01	.03	1	3
25 BL 100E 95+00N	1	71	2	33	.1	631	49	382	5.41	2	5	ND	1	34	.4	2	2	89	.39	.044	2	362	7.34	190	.09	7	3.00	.01	.11	1	1
25 BL 100E 94+75N	2	120	8	49	.1	1009	122	1092	7.16	2	5	ND	1	18	.2	2	2	90	.24	.039	4	469	9.81	62	.09	42	2.46	.01	.01	1	1
25 BL 100E 94+50N	1	71	7	31	.1	708	52	403	7.57	2	5	ND	1	15	.2	2	2	124	.23	.028	2	452	5.93	34	.07	9	2.19	.01	.02	1	1
25 BL 100E 94+25N	1	123	7	54	.1	681	75	953	5.50	2	5	ND	1	12	.2	2	2	61	.48	.040	6	256	9.55	46	.07	69	1.67	.01	.02	1	1
25 BL 100E 93+75N	2	95	8	31	.1	881	78	825	4.71	2	5	ND	1	19	.2	2	2	67	.36	.033	4	227	10.73	65	.05	28	2.50	.01	.01	1	2
25 BL 100E 92+50N	1	66	17	82	.4	447	61	1212	5.62	5	5	ND	1	21	1.2	2	2	76	.38	.103	9	178	3.60	88	.21	7	3.18	.03	.03	1	1
25 BL 100E 92+00N	2	136	12	48	.1	789	99	1022	5.06	15	5	ND	1	8	.3	2	2	76	.36	.033	4	695	5.91	65	.13	5	3.52	.01	.01	1	3
25 BL 100E 91+75N	2	32	10	66	.3	203	25	1189	5.76	2	5	ND	1	19	.6	2	2	86	.25	.090	9	243	2.27	161	.18	4	2.72	.02	.03	1	1
25 BL 100E 91+50N	1	102	5	52	.1	507	44	760	5.60	4	5	ND	1	27	.2	2	2	93	.50	.054	5	534	5.37	133	.09	5	2.94	.03	.05	1	1
25 BL 100E 91+25N	1	82	10	94	.3	355	34	1023	6.36	12	5	ND	1	21	.9	4	3	93	.35	.083	11	393	4.03	134	.14	5	3.35	.03	.06	1	1
25 BL 100E 91+00N	1	113	22	134	.2	502	50	1899	6.95	25	5	ND	1	40	.8	2	2	100	.47	.079	8	439	4.90	159	.08	5	3.02	.02	.06	1	6
25 BL 100E 90+75N	1	70	8	36	.1	591	57	780	7.95	2	5	ND	1	39	.2	2	2	133	.41	.056	4	687	5.71	63	.08	3	2.46	.01	.05	1	2
25 BL 100E 90+50N	1	77	17	82	.2	376	38	1157	6.11	13	5	ND	1	17	.6	2	2	90	.32	.079	10	377	3.95	78	.15	5	2.85	.03	.07	1	1
25 BL 100E 90+25N	2	77	15	76	.2	258	27	616	4.63	17	5	ND	2	12	.8	4	2	79	.24	.087	9	285	2.92	42	.20	2	2.73	.03	.06	1	7
25 BL 100E 90+00N	2	44	4	92	.3	209	36	1451	5.76	9	5	ND	1	10	.9	3	2	94	.21	.085	6	306	2.50	63	.13	4	2.92	.03	.05	1	1
25 BL 100E 89+75N	1	42	6	54	.3	106	24	829	4.79	2	5	ND	1	23	.3	2	2	98	.66	.077	6	131	2.05	146	.17	2	2.33	.10	.06	1	2
25 BL 100E 89+50N	1	43	7	51	.3	247	29	768	5.34	3	5	ND	1	20	.5	2	2	96	.44	.067	5	393	3.03	97	.13	2	2.15	.04	.04	1	1
25 BL 100E 89+25N	1	40	4	80	.4	177	29	1101	5.20	4	5	ND	1	32	1.0	3	2	81	.56	.125	11	210	2.26	147	.20	3	2.38	.03	.04	1	1
25 BL 100E 89+00N	2	39	9	86	.2	182	30	910	5.47	2	5	ND	1	7	.9	2	2	84	.18	.090	8	287	2.07	37	.20	4	3.88	.02	.03	1	1
25 BL 100E 88+75N	1	60	4	52	.2	306	30	615	5.03	2	5	ND	1	10	.4	2	2	92	.27	.053	4	439	3.54	39	.13	5	2.60	.03	.04	1	2
25 BL 100E 88+50N	1	56	10	59	.3	236	20	320	3.72	2	5	ND	1	9	.3	3	2	69	.16	.099	6	310	2.73	45	.12	3	2.82	.03	.03	1	3
25 BL 100E 88+00N	1	51	5	73	.2	234	23	549	4.75	3	5	ND	1	9	1.0	2	2	84	.19	.069	5	359	2.73	58	.16	4	2.71	.02	.03	1	1
25 BL 100E 87+75N	1	42	4	57	.3	241	20	393	4.76	2	5	ND	1	6	.3	3	2	75	.13	.070	5	367	2.88	21	.12	5	2.98	.02	.03	1	3
25 BL 100E 87+50N	2	35	15	84	.2	114	18	667	6.53	4	5	ND	1	7	.8	2	2	103	.13	.107	9	236	1.46	31	.25	3	3.16	.03	.04	1	1
25 BL 100E 87+25N	1	87	5	48	.1	428	35	537	5.09	2	5	ND	1	8	.6	2	2	85	.19	.049	5	465	4.18	34	.12	7	2.78	.02	.03	1	2
25 BL 100E 87+00N	1	49	13	66	.2	284	25	418	4.72	5	5	ND	1	14	.6	2	2	77	.24	.087	10	305	3.07	73	.21	5	3.13	.03	.04	1	15
25 BL 100E 86+50N	3	53	12	68	.3	220	21	783	5.67	3	5	ND	1	7	.8	4	2	87	.13	.112	8	237	2.45	29	.27	4	3.80	.02	.04	1	2
25 BL 100E 86+25N	1	28	11	72	.3	130	18	836	4.26	3	5	ND	1	13	.6	2	4	73	.19	.111	7	203	1.37	88	.15	3	2.53	.02	.03	1	3
25 BL 100E 86+00N	1	57	4	78	.2	267	34	850	5.25	4	5	ND	1	7	.3	3	2	79	.14	.066	6	427	2.75	38	.08	7	3.32	.02	.02	1	8
25 BL 100E 85+75N	2	29	9	60	.2	98	10	307	4.79	4	6	ND	1	8	.7	2	2	81	.11	.080	8	178	1.26	25	.10	4	2.93	.02	.03	1	1
25 BL 100E 85+50N	3	23	5	59	.2	84	11	530	6.06	4	5	ND	1	5	1.0	2	2	77	.11	.100	8	127	1.01	20	.17	2	3.35	.02	.03	1	1
25 BL 100E 85+25N	1	65	8	79	.2	145	19	1016	4.82	6	5	ND	1	13	.4	2	2	78	.19	.099	6	193	1.90	74	.11	5	2.89	.02	.03	1	1
25 BL 100E 85+00N	3	57	5	75	.2	139	17	963	4.75	8	5	ND	1	8	.8	2	5	81	.12	.093	8	253	1.77	42	.11	5	3.51	.01	.03	1	1
STANDARD C/AU-S	18	59	40	131	7.0	69	31	1058	3.99	38	16	7	38	53	18.7	15	20	56	.50	.096	36	60	.90	180	.07	37	1.90	.06	.13	13	50

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOIL   AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: SEP 24 1990   DATE REPORT MAILED: Sept 27/90   SIGNED BY [illegible] D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
25 BL 100E 84+75N	3	63	13	70	.2	60	10	408	4.23	9	5	ND	1	15	.6	2	2	66	.22	.208	19	143	.67	46	.10	3	4.11	.02	.04	1	5
25 BL 100E 84+50N	3	104	20	106	.4	386	31	884	5.19	81	5	ND	1	35	.7	2	2	111	.53	.130	20	485	3.34	120	.17	7	3.26	.03	.07	1	3
25 BL 100E 84+25N	1	81	9	73	.2	449	41	592	5.39	11	5	ND	1	11	.8	2	2	83	.28	.075	7	633	4.34	36	.20	8	3.16	.03	.05	1	5
25 BL 100E 84+00N	2	20	13	80	.3	83	23	1000	6.11	4	5	ND	1	10	1.5	3	2	79	.19	.087	12	202	.96	53	.27	5	3.29	.02	.04	1	1
25 TL 106E 104+00N	1	54	6	48	.2	362	26	385	4.55	2	5	ND	1	11	.4	2	3	81	.28	.044	4	608	3.64	66	.11	8	2.21	.03	.02	1	2
25 TL 106E 103+75N	3	24	5	72	.3	93	24	1288	5.06	3	5	ND	1	21	1.1	2	2	82	.25	.099	11	154	.95	160	.21	5	1.86	.03	.04	1	1
25 TL 106E 103+50N	1	28	7	63	.3	224	20	400	4.88	2	5	ND	1	15	.5	2	3	80	.28	.079	6	436	2.62	94	.10	5	2.03	.03	.03	1	3
25 TL 106E 103+25N	1	59	10	40	.3	363	29	485	4.83	2	5	ND	1	18	1.2	2	2	80	.35	.060	8	436	3.37	135	.21	11	2.40	.04	.03	1	1
25 TL 106E 103+00N	2	17	4	69	.3	187	23	892	5.20	2	5	ND	1	16	1.1	3	3	96	.22	.095	6	413	2.41	119	.24	6	1.83	.03	.04	1	1
25 TL 106E 102+75N	2	25	14	68	.4	219	19	516	4.68	4	5	ND	1	13	.4	2	2	85	.26	.075	3	460	2.63	65	.10	6	2.02	.03	.03	1	3
25 TL 106E 102+50N	1	25	9	59	.2	155	20	665	4.94	3	5	ND	1	11	1.1	2	2	88	.18	.072	8	361	1.92	62	.19	3	2.36	.02	.03	1	1
25 TL 106E 102+25N	1	14	13	63	.1	461	31	454	5.49	2	5	ND	1	13	1.3	2	2	73	.12	.051	3	524	6.14	80	.13	12	2.75	.01	.02	1	2
25 TL 106E 102+00N	1	21	12	73	.4	205	23	678	5.72	2	5	ND	1	12	1.3	3	2	99	.16	.071	9	356	2.62	67	.22	5	2.57	.02	.04	1	2
25 TL 106E 101+75N	3	20	17	77	.3	38	11	537	5.69	5	5	ND	1	10	1.6	2	2	97	.15	.107	9	107	.45	37	.35	2	2.42	.02	.05	1	2
25 TL 106E 101+50N	2	34	8	72	.4	177	20	680	6.71	2	5	ND	1	7	1.1	2	2	106	.10	.120	7	327	2.07	29	.27	5	2.21	.01	.04	1	2
25 TL 106E 101+25N	2	18	13	73	.2	147	23	1263	4.97	2	5	ND	1	14	.8	2	2	99	.22	.084	6	394	1.79	64	.16	6	1.85	.04	.04	1	1
25 TL 106E 101+00N	1	40	7	91	.3	204	23	506	4.68	6	5	ND	1	12	.9	2	2	79	.42	.063	4	423	2.90	51	.12	7	2.40	.07	.04	1	5
25 TL 106E 100+75N	1	66	2	59	.3	344	30	499	5.06	2	5	ND	1	17	.3	2	2	89	.40	.057	3	635	3.59	73	.08	8	2.07	.04	.03	1	1
25 TL 106E 100+50N	1	33	10	60	.4	221	21	625	5.53	3	5	ND	1	12	.9	3	2	99	.28	.079	5	498	2.63	44	.14	4	2.13	.04	.03	1	2
25 TL 106E 100+25N	1	58	8	56	.4	193	22	497	4.47	4	5	ND	1	14	.7	3	2	88	.42	.064	6	417	2.51	109	.18	4	2.03	.06	.06	1	1
25 L100N 89+00E	1	89	11	87	.5	131	21	729	5.50	6	5	ND	1	22	.5	2	2	102	.30	.075	6	96	2.11	71	.08	4	2.53	.02	.07	1	5
25 L100N 89+25E	1	105	16	78	.4	147	23	731	5.08	9	5	ND	1	30	.4	3	2	91	.56	.100	8	98	2.40	89	.07	4	2.28	.02	.10	1	1
25 L100N 89+50E	2	34	12	59	.4	29	11	815	4.57	6	5	ND	1	22	.2	2	2	121	.20	.059	6	49	.86	55	.12	3	1.88	.02	.05	1	2
25 L100N 91+00E	1	68	14	70	.2	143	18	464	4.99	3	5	ND	1	25	.6	3	2	112	.31	.054	5	96	2.04	72	.10	2	2.16	.02	.05	1	1
25 L100N 92+25E	1	83	11	74	.3	45	16	463	4.91	6	5	ND	1	24	.8	3	2	102	.30	.052	6	60	1.46	66	.09	4	2.36	.02	.06	2	5
25 L100N 100+25E	2	44	11	67	.1	24	15	2039	4.82	13	5	ND	1	25	.3	2	2	44	.40	.125	14	37	.54	208	.10	8	2.64	.02	.07	1	4
25 L100N 100+50E	1	38	8	76	.1	18	13	1802	4.68	12	5	ND	1	39	.2	2	2	37	.93	.155	12	31	.51	317	.07	6	2.29	.02	.08	1	4
25 L100N 100+75E	2	79	2	50	.4	289	56	2075	5.20	42	5	ND	1	15	.2	5	2	64	.41	.089	14	346	2.65	137	.03	10	2.04	.01	.06	3	13
25 L100N 101+00E	2	205	14	81	.3	103	31	2280	6.23	103	5	ND	1	20	.7	2	2	56	.46	.103	15	96	1.30	142	.05	8	2.49	.02	.09	1	14
25 L100N 101+25E	2	159	12	63	.1	60	21	2213	5.09	50	5	ND	1	24	.2	2	2	45	.59	.108	12	56	1.97	170	.02	10	2.86	.01	.12	1	5
25 L100N 101+75E	1	65	12	47	.1	435	39	563	5.03	6	5	ND	1	13	.2	2	2	88	.37	.050	2	474	4.69	94	.06	12	2.29	.02	.04	1	1
25 L100N 102+50E	1	77	12	37	.1	485	37	383	5.49	5	5	ND	1	18	.5	2	2	106	.35	.034	3	586	5.21	257	.07	8	2.38	.01	.03	1	1
25 L100N 102+75E	1	75	8	44	.1	482	37	331	4.90	3	5	ND	1	18	.2	2	2	93	.40	.041	2	580	5.41	210	.05	11	2.45	.01	.02	2	1
25 L100N 103+00E	1	70	10	38	.1	537	44	584	5.18	3	5	ND	1	17	.3	2	2	89	.28	.045	3	579	5.45	116	.06	10	2.37	.02	.03	1	4
25 L100N 103+50E	1	67	11	36	.1	511	37	439	5.17	5	5	ND	1	16	.2	2	2	92	.29	.038	3	621	5.09	89	.08	9	2.25	.02	.03	1	1
25 L100N 103+75E	1	46	6	41	.1	440	33	492	5.56	4	5	ND	1	14	.3	2	2	101	.25	.040	3	638	4.56	125	.11	9	2.21	.02	.03	1	1
STANDARD C/AU-S	19	60	41	131	7.3	73	31	1058	3.99	42	16	7	37	53	18.9	15	19	55	.51	.097	38	61	.90	181	.07	38	1.90	.06	.13	13	49

Quest Canada Exploration FILE # 90-4747

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
25 L100N 104+00E	1	53	2	48	.2	482	35	374	5.13	2	5	ND	1	13	.2	2	2	92	.18	.037	2	656	5.27	87	.05	9	2.04	.01	.02	1	3
25 L100N 104+25E	1	60	8	36	.1	472	33	337	5.70	2	5	ND	1	18	.9	2	2	109	.26	.037	2	683	4.84	90	.07	7	1.96	.01	.03	1	2
25 L100N 104+50E	1	31	5	68	.5	248	23	538	4.87	7	5	ND	1	14	1.0	2	2	80	.22	.059	4	450	3.19	111	.07	4	2.20	.02	.03	1	1
25 L100N 104+75E	1	33	11	84	.8	201	24	700	5.75	6	5	ND	1	18	1.3	3	2	95	.27	.070	6	307	2.44	114	.28	3	2.17	.03	.04	1	3
25 L100N 105+00E	2	18	10	74	.6	138	16	443	4.24	2	5	ND	1	13	1.4	2	2	84	.19	.064	6	260	1.80	92	.21	2	2.26	.02	.03	1	1
25 L100N 105+25E	1	27	8	86	.6	169	21	329	4.39	2	5	ND	1	13	1.3	2	2	69	.24	.072	12	280	1.77	98	.26	2	3.54	.03	.03	1	1
25 L100N 105+50E	2	21	9	81	.8	91	17	567	4.75	2	5	ND	1	14	1.8	3	2	95	.18	.060	6	176	1.28	90	.35	2	1.91	.03	.04	1	1
25 L100N 105+75E	1	33	4	61	.5	79	25	388	3.45	3	5	ND	1	19	.9	3	2	58	.77	.083	7	184	2.52	217	.18	2	2.13	.10	.41	1	2
25 L100N 106+00E	1	68	4	55	.4	221	29	505	4.16	3	5	ND	1	17	.6	2	2	74	.61	.058	3	362	3.23	133	.14	2	2.13	.08	.05	1	1
25 L99N 100+00E	1	31	2	68	.3	17	12	1602	3.83	10	5	ND	1	20	.2	2	2	28	.46	.104	9	24	.65	169	.02	7	2.31	.02	.08	1	1
25 L99N 100+25E	1	14	6	79	.5	14	12	1956	4.93	3	5	ND	1	18	.2	2	4	39	.44	.115	14	25	.60	189	.08	4	2.50	.02	.07	1	3
25 L99N 100+50E	1	24	2	68	.3	17	10	1754	4.12	6	5	ND	1	13	.5	2	2	26	.37	.114	14	26	.65	142	.03	6	1.77	.01	.09	1	2
25 L99N 100+75E	1	21	2	98	.3	18	11	2192	3.32	3	5	ND	1	41	.6	2	2	29	1.14	.181	9	27	.59	287	.04	5	1.72	.02	.08	1	2
25 L99N 101+00E	5	388	29	123	.6	30	30	1806	10.53	108	5	ND	1	12	1.5	2	4	59	.24	.141	10	46	.85	86	.05	2	2.90	.02	.07	1	7
25 L99N 101+25E	2	152	15	126	.4	46	30	2237	7.35	56	5	ND	1	17	1.0	2	2	58	.37	.118	9	60	1.26	121	.04	4	2.80	.02	.08	1	5
25 L99N 101+50E	2	111	6	48	.3	410	49	971	5.93	17	5	ND	1	15	.8	2	2	104	.41	.055	5	603	4.56	58	.07	6	2.69	.01	.03	1	5
25 L99N 101+75E	1	88	6	37	.2	455	42	396	5.81	4	5	ND	1	27	.3	2	2	114	.50	.046	2	532	5.43	101	.09	2	2.60	.01	.04	1	1
25 L99N 102+00E	1	88	2	49	.1	444	40	415	5.71	2	5	ND	1	17	.4	2	2	111	.39	.035	2	554	5.30	68	.08	5	2.58	.01	.02	1	1
25 L99N 102+25E	1	91	4	48	.1	505	45	458	4.64	2	5	ND	1	18	1.1	2	2	80	.41	.041	3	415	6.23	100	.07	5	3.03	.01	.03	1	3
25 L99N 102+50E	1	65	4	49	.1	428	35	358	4.58	2	5	ND	1	19	.4	2	2	84	.43	.043	2	458	5.11	106	.06	3	2.55	.02	.02	1	1
25 L99N 102+75E	1	73	6	39	.2	419	36	343	4.47	2	5	ND	1	19	.4	2	2	82	.52	.039	3	424	5.08	68	.07	4	2.48	.01	.02	1	1
25 L99N 103+00E	1	76	6	67	.3	374	36	563	5.57	10	5	ND	1	9	1.0	2	6	87	.25	.043	6	567	4.11	37	.11	4	3.03	.03	.03	1	1
25 L99N 103+25E	1	58	12	62	.6	234	20	349	4.21	5	5	ND	1	12	.8	3	2	72	.24	.103	8	279	2.89	65	.14	2	2.80	.03	.04	1	6
25 L99N 103+75E	3	34	17	77	.6	147	22	955	4.48	3	5	ND	1	16	1.1	4	2	80	.25	.104	7	200	1.82	85	.16	3	2.18	.03	.05	1	1
25 L99N 104+00E	1	54	13	78	.4	306	29	733	5.11	8	5	ND	1	14	.3	3	2	82	.25	.083	5	497	3.42	109	.07	4	2.40	.03	.04	1	1
25 L99N 104+25E	3	27	10	79	.7	89	13	594	4.89	3	5	ND	1	16	1.4	3	2	87	.23	.102	12	170	.81	113	.28	2	2.06	.03	.04	1	1
25 L99N 104+50E	2	37	2	80	.7	217	36	1941	5.30	3	5	ND	1	21	.6	3	2	90	.29	.120	4	429	2.58	119	.08	3	2.02	.03	.04	1	1
25 L99N 104+75E	2	22	7	71	.7	174	20	496	4.29	2	5	ND	1	12	1.5	5	2	82	.16	.058	7	339	2.21	115	.20	4	2.21	.03	.03	1	4
25 L99N 105+00E	1	25	2	73	.5	205	24	1009	5.30	2	5	ND	1	16	.4	3	5	94	.28	.098	4	486	2.47	89	.06	2	2.09	.03	.03	1	3
25 L99N 105+25E	2	23	4	105	.6	109	33	1920	6.45	3	5	ND	1	22	.8	5	3	107	.32	.113	7	224	1.42	160	.23	2	1.64	.03	.06	1	1
25 L99N 105+50E	2	30	4	82	.5	232	23	628	5.71	3	5	ND	1	16	.5	4	2	94	.35	.091	5	456	2.71	121	.14	2	1.97	.03	.04	1	2
25 L99N 105+75E	1	38	10	73	.4	267	25	558	5.62	2	5	ND	1	14	.3	2	2	90	.32	.080	5	524	3.20	70	.15	2	2.07	.03	.04	1	5
25 L99N 106+00E	1	62	5	52	.4	318	27	431	6.20	3	5	ND	1	12	.5	2	2	98	.29	.070	2	748	3.44	46	.07	2	2.13	.03	.02	1	1
25 L99N 106+25E	3	29	20	72	.7	157	27	1130	4.68	2	5	ND	1	19	.7	5	2	82	.30	.075	5	287	1.98	134	.13	3	1.98	.03	.05	1	1
25 L99N 106+50E	3	16	3	71	.5	174	52	3088	4.79	4	5	ND	1	15	.7	4	2	92	.24	.093	4	458	2.24	126	.12	5	1.62	.03	.04	1	3
25 L99N 106+75E	2	29	5	78	.6	180	21	547	6.30	2	5	ND	1	11	.9	3	2	82	.16	.076	5	433	2.09	48	.15	2	2.16	.02	.03	1	7
STANDARD C/AU-S	19	62	43	131	7.2	73	31	1059	3.99	38	18	8	37	53	18.4	16	21	55	.51	.097	38	60	.90	181	.07	35	1.90	.06	.13	11	46

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Au*
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb
25 L99N 107+00E	1	25	11	68	.3	293	23	375	5.01	2	5	ND	1	12	.7	3	2	85	.30	.062	2	619	3.55	49	.09	6	2.06	.03	.02	1	1
25 L99N 107+25E	1	24	5	63	.3	280	25	498	5.48	3	5	ND	1	12	.9	4	2	98	.30	.084	2	564	3.09	98	.15	7	1.86	.03	.04	1	1
25 L99N 107+50E	1	26	14	58	.2	294	22	385	4.95	4	5	ND	1	9	1.0	3	2	93	.31	.075	2	668	3.23	49	.13	6	1.85	.03	.03	1	3
25 L99N 107+75E	1	19	9	57	.3	203	30	1258	3.74	2	5	ND	1	11	.8	4	2	76	.23	.084	3	465	2.49	61	.11	4	1.82	.03	.03	1	1
25 L99N 108+00E	6	22	11	62	.4	202	21	207	4.53	67	7	ND	1	29	1.4	4	2	133	.39	.054	7	269	1.45	96	.33	4	2.00	.04	.04	1	1
25 L99N 108+25E	2	29	5	51	.2	362	23	216	4.44	21	5	ND	1	15	.5	2	2	88	.28	.041	2	690	3.55	57	.08	6	1.98	.03	.02	1	1
25 L99N 108+50E	4	91	2	94	.2	533	18	689	1.21	29	5	ND	1	203	.3	3	2	58	2.30	.282	6	124	1.24	469	.03	26	.79	.02	.06	1	1
25 L99N 108+75E	4	48	10	81	.4	229	37	1278	4.36	51	5	ND	1	95	.5	3	2	157	1.03	.189	12	203	1.64	260	.12	9	1.98	.05	.05	1	2
25 L99N 109+00E	3	26	7	118	.3	222	37	927	4.72	13	5	ND	1	57	1.1	5	2	94	.65	.081	8	258	2.13	246	.26	7	2.10	.04	.04	1	1
25 L99N 109+25E	1	16	5	85	.2	262	22	297	3.80	5	5	ND	1	17	.6	2	2	70	.34	.067	2	515	3.15	64	.11	4	1.73	.03	.03	1	1
25 L99N 109+50E	1	15	6	45	.2	211	14	238	3.16	4	5	ND	1	12	.2	2	2	71	.25	.064	2	576	2.51	52	.05	5	1.52	.03	.02	1	1
25 L99N 109+75E	4	101	3	79	.4	583	65	1621	3.99	9	5	ND	1	51	.7	3	2	99	.57	.093	6	381	2.78	482	.08	6	1.93	.03	.05	1	1
25 L99N 110+00E	1	39	2	47	.2	350	26	373	4.69	4	5	ND	1	19	.4	3	2	91	.35	.035	2	841	3.14	118	.07	8	1.49	.03	.04	1	1
25 L98N 95+00E	2	34	9	115	.4	89	20	1036	6.33	4	5	ND	1	24	1.0	4	2	120	.29	.081	7	107	1.16	155	.28	6	2.10	.03	.05	1	1
25 L98N 95+25E	3	35	15	110	.5	38	23	2117	4.83	5	5	ND	1	50	1.4	2	2	94	.74	.126	9	55	.76	347	.15	6	1.56	.02	.09	1	1
25 L98N 95+50E	1	90	4	63	.1	265	34	685	4.90	2	5	ND	1	13	.6	3	2	91	1.16	.069	2	254	4.12	264	.16	5	3.10	.23	.34	1	1
25 L98N 95+75E	1	23	12	57	.5	118	18	533	4.91	6	5	ND	2	19	1.5	3	2	118	.24	.066	5	144	1.72	102	.34	3	1.71	.02	.04	1	3
25 L98N 96+00E	1	38	2	36	.1	477	38	390	5.62	2	5	ND	1	14	.4	2	2	104	.21	.039	2	429	5.45	53	.08	3	2.42	.02	.02	1	2
25 L98N 96+25E	1	46	10	34	.1	501	40	350	5.35	2	5	ND	1	13	.6	2	2	100	.22	.033	2	391	5.91	69	.07	2	2.61	.01	.02	1	1
25 L98N 96+50E	1	54	11	58	.2	369	32	730	4.54	4	5	ND	1	23	.2	3	2	73	.38	.077	5	276	4.59	112	.07	7	2.60	.01	.05	1	1
25 L98N 96+75E	1	56	8	32	.1	482	36	400	5.20	2	5	ND	1	18	.2	3	2	88	.26	.048	3	413	5.52	56	.06	4	2.38	.01	.03	1	1
25 L98N 97+00E	1	56	8	63	.3	255	26	725	4.56	8	5	ND	1	21	.3	5	2	64	.38	.083	5	211	3.38	105	.08	4	2.45	.01	.05	1	1
25 L98N 97+50E	1	82	5	38	.2	325	30	502	4.53	5	5	ND	1	19	.2	4	2	70	.40	.048	2	295	4.06	80	.07	4	2.54	.02	.04	1	1
25 L98N 97+75E	1	64	10	37	.1	315	29	470	4.23	2	5	ND	1	16	.2	2	2	72	.31	.048	4	308	3.92	60	.07	3	2.43	.02	.04	1	1
25 L98N 98+00E	1	59	10	67	.3	76	18	1774	5.14	11	5	ND	1	18	.2	3	2	57	.27	.129	11	89	1.35	140	.08	5	2.75	.02	.10	1	3
25 L98N 98+25E	1	39	7	97	.4	54	15	1579	4.56	4	5	ND	1	36	.5	3	2	56	.49	.168	9	74	.96	172	.06	9	2.37	.02	.09	1	1
25 L98N 98+75E	1	24	9	123	.3	34	16	3359	2.99	5	5	ND	1	85	.4	2	2	39	1.50	.227	7	47	.51	292	.05	7	1.23	.02	.08	1	2
25 L98N 99+00E	1	18	7	96	.3	30	15	1898	5.26	4	5	ND	1	33	.7	3	2	64	.51	.143	11	47	.62	138	.19	7	2.62	.02	.06	1	1
25 L98N 99+25E	1	19	2	118	.3	32	17	2049	5.31	8	5	ND	1	39	1.2	5	2	61	.64	.191	10	45	.66	165	.14	7	2.25	.02	.08	1	2
25 L98N 99+50E	1	24	10	99	.3	35	20	4312	4.81	4	5	ND	1	30	.3	4	2	54	.43	.200	10	51	.58	255	.05	8	2.34	.02	.08	1	1
25 L98N 99+75E	1	19	5	79	.2	30	13	2163	4.67	4	5	ND	1	26	.2	4	2	48	.58	.144	11	44	.68	195	.08	6	2.16	.02	.08	1	2
25 L98N 100+00E	1	25	11	89	.3	24	13	2433	4.23	3	5	ND	1	43	.2	2	2	39	1.27	.229	10	31	.65	270	.06	9	2.01	.02	.10	1	1
25 L98N 100+25E	1	15	9	42	.1	6	10	1403	3.46	2	5	ND	1	51	.2	2	2	28	.65	.046	11	9	.49	259	.01	7	2.05	.01	.15	1	2
25 L98N 100+50E	1	18	7	40	.1	7	12	1773	3.70	2	5	ND	1	41	.2	3	2	30	.69	.042	14	10	.54	323	.01	5	2.23	.01	.17	1	2
25 L98N 101+00E	1	20	9	46	.1	15	9	2938	3.42	10	5	ND	1	18	.2	2	2	20	.43	.069	18	19	.53	170	.01	5	1.59	.01	.13	1	6
25 L98N 101+25E	1	28	5	71	.3	39	14	2232	4.34	11	5	ND	1	15	.2	5	2	35	.34	.084	16	49	.99	184	.02	13	2.16	.01	.12	1	1
STANDARD C/AU-S	19	58	39	133	7.1	71	31	1058	3.99	39	22	8	38	53	18.5	16	19	56	.51	.097	37	61	.90	180	.07	40	1.90	.06	.13	11	55

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
25 L98N 101+50E	1	72	12	105	.4	114	21	1084	4.29	2	5	ND	1	34	.4	2	2	56	.75	.088	18	108	1.82	144	.10	12	2.77	.02	.11	1	13
25 L98N 101+75E	1	60	10	94	.3	236	29	1376	5.97	22	5	ND	1	18	.7	2	2	66	.44	.112	16	178	2.46	117	.12	11	2.65	.02	.09	1	8
25 L98N 102+00E	1	62	12	80	.3	277	32	1289	6.28	14	5	ND	1	17	.4	2	2	78	.39	.112	11	243	3.07	85	.15	10	2.67	.03	.07	1	3
25 L98N 102+25E	1	64	5	53	.4	196	28	884	4.16	2	5	ND	1	22	.3	2	2	49	.51	.062	7	252	3.15	113	.13	5	2.43	.04	.15	1	4
25 L98N 102+50E	1	82	2	64	.3	243	29	1033	4.49	2	5	ND	1	19	.6	2	2	53	.51	.075	8	272	3.47	89	.11	6	2.54	.04	.09	1	4
25 L98N 102+75E	1	55	8	65	.2	276	25	766	4.69	4	5	ND	1	18	.2	2	2	73	.50	.082	7	348	3.38	86	.06	8	2.41	.02	.05	1	6
25 L98N 103+00E	2	67	11	64	.1	382	42	885	4.77	2	5	ND	1	13	.2	2	4	78	.38	.087	4	433	4.42	57	.05	8	2.82	.02	.04	1	1
25 L98N 103+25E	1	76	5	51	.2	374	37	641	5.21	2	5	ND	1	18	.2	2	2	91	.42	.068	4	547	4.12	87	.09	4	2.41	.04	.08	1	1
25 L98N 103+50E	1	75	4	39	.2	417	36	499	5.47	2	5	ND	1	20	.2	2	2	101	.43	.047	3	583	4.30	87	.10	8	2.12	.04	.06	1	3
25 L98N 103+75E	1	93	5	61	.2	436	41	883	5.75	8	5	ND	1	20	.9	2	2	87	.39	.087	9	397	4.80	79	.15	8	3.36	.03	.05	1	1
25 L98N 104+00E	1	81	15	69	.3	365	34	647	5.09	7	5	ND	1	16	.6	2	2	80	.31	.086	8	396	4.04	60	.17	9	3.09	.03	.05	1	1
25 L98N 104+25E	2	25	12	61	.3	83	12	457	4.86	3	5	ND	1	10	1.6	2	2	78	.24	.098	13	149	1.08	34	.38	5	3.39	.04	.04	1	3
25 L98N 104+50E	1	57	13	75	.1	380	39	860	5.57	2	5	ND	1	19	.2	2	2	100	.42	.106	2	534	4.15	99	.04	7	2.44	.03	.05	1	1
25 L98N 104+75E	2	26	13	61	.3	113	13	387	4.46	2	5	ND	1	11	1.1	2	2	83	.23	.097	11	274	1.28	43	.24	3	3.16	.03	.04	1	1
25 L98N 105+00E	2	42	7	80	.3	244	23	556	4.92	4	5	ND	1	10	.6	2	2	85	.25	.072	6	381	2.99	53	.18	4	2.68	.02	.03	1	1
25 L98N 105+25E	1	38	10	77	.3	225	31	797	4.96	2	5	ND	1	15	.2	2	2	84	.39	.114	5	383	2.79	80	.09	5	2.40	.03	.04	1	1
25 L98N 105+50E	2	22	6	79	.4	156	31	1335	4.76	2	5	ND	1	16	.5	2	2	91	.27	.096	5	308	1.96	101	.13	6	1.67	.02	.06	1	1
25 L98N 105+75E	3	20	5	87	.3	214	28	1619	4.71	2	5	ND	1	30	.6	2	2	89	.34	.101	4	445	2.63	322	.12	7	1.66	.02	.06	1	1
25 L98N 106+00E	4	30	7	72	.3	248	30	832	5.03	2	5	ND	1	23	1.1	2	2	87	.34	.086	4	497	2.75	159	.12	6	1.96	.03	.05	1	5
25 L98N 106+25E	6	19	3	100	.5	129	29	1401	6.35	2	5	ND	1	38	.7	2	2	107	.41	.069	7	272	1.55	194	.26	6	1.68	.03	.08	1	1
25 L98N 106+50E	3	64	2	52	.4	360	27	394	5.45	34	5	ND	1	36	.2	2	2	107	.49	.067	6	602	3.21	178	.15	5	2.28	.04	.05	1	1
25 L98N 106+75E	3	18	6	100	.5	77	19	1256	6.62	2	5	ND	1	25	1.0	2	2	113	.63	.104	7	192	.94	185	.37	3	1.22	.03	.06	1	1
25 L98N 107+00E	1	32	16	70	.4	214	23	556	4.78	2	5	ND	1	20	.7	2	2	84	.36	.081	4	448	2.59	125	.23	6	1.91	.03	.05	1	1
25 L98N 107+25E	3	20	7	106	.4	114	43	1866	6.65	2	5	ND	1	27	1.7	2	2	109	.28	.101	9	223	1.35	200	.39	3	1.93	.03	.05	1	1
25 L98N 107+50E	3	11	9	84	.3	255	37	1133	5.89	2	5	ND	1	17	1.2	2	2	89	.24	.103	5	409	3.49	140	.32	10	1.86	.02	.05	1	1
25 L98N 107+75E	1	50	3	58	.2	396	46	878	4.95	2	5	ND	1	18	.2	2	2	80	.37	.089	3	636	3.96	100	.09	10	2.01	.03	.04	1	68
25 L98N 108+00E	1	36	8	66	.2	314	25	338	4.01	2	5	ND	1	18	.4	2	2	82	.42	.061	6	543	3.22	89	.10	7	1.86	.03	.04	1	1
25 L98N 108+25E	3	21	10	84	.3	219	30	870	5.20	5	5	ND	1	25	1.0	3	2	108	.41	.074	6	353	2.55	131	.24	7	1.71	.03	.05	1	1
25 L98N 108+50E	2	18	7	107	.6	169	94	1790	5.19	2	5	ND	1	28	1.1	2	2	90	.45	.115	6	306	2.24	192	.31	8	1.60	.03	.05	1	1
25 L98N 108+75E	4	40	7	75	.5	221	86	1569	5.69	4	5	ND	1	13	1.0	2	2	107	.16	.078	14	347	1.76	98	.20	9	2.53	.03	.05	1	1
25 L98N 109+00E	2	13	5	64	.3	157	25	985	4.77	2	5	ND	1	12	1.1	3	2	112	.18	.070	6	496	1.88	110	.30	6	1.32	.03	.04	1	1
25 L98N 109+25E	2	32	12	67	.4	270	26	654	4.98	2	5	ND	1	11	1.3	2	2	90	.19	.055	6	509	2.86	81	.23	6	2.29	.03	.03	1	9
25 L98N 109+50E	1	26	2	74	.3	309	28	497	4.47	2	5	ND	1	20	.4	2	2	73	.38	.088	3	542	3.56	114	.09	5	2.07	.03	.04	1	1
25 L98N 109+75E	5	24	11	84	.4	192	42	1648	5.56	4	5	ND	1	32	1.3	2	2	96	.36	.092	7	279	1.94	169	.24	5	1.74	.03	.07	1	1
25 L98N 110+00E	3	19	10	70	.5	166	20	529	3.76	5	5	ND	1	33	1.4	2	2	85	.33	.058	7	298	1.97	203	.24	8	1.42	.03	.06	1	1
STANDARD C/AU-S	19	60	38	131	7.0	70	31	1059	3.99	37	18	7	37	53	18.7	15	19	56	.51	.095	38	61	.90	181	.07	39	1.90	.06	.13	13	54

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
25 L97N 100+00E BL	2	79	7	106	.4	220	40	1556	4.49	11	5	ND	1	66	.3	2	2	62	1.48	.142	9	132	1.95	164	.18	12	2.15	.03	.07	1	2
25 L97N 100+25E	2	113	6	48	.1	474	40	887	4.50	5	5	ND	1	18	.5	2	2	56	.68	.068	4	525	5.38	40	.11	7	3.64	.03	.04	1	2
25 L97N 100+50E	2	58	2	103	.4	74	22	2596	4.77	12	5	ND	1	45	.7	3	2	57	1.34	.114	20	75	1.18	267	.15	6	2.61	.03	.11	1	7
25 L97N 100+75E	1	26	10	119	.4	38	16	1840	4.88	3	5	ND	1	50	.8	2	2	58	1.50	.150	14	39	.81	179	.25	6	2.69	.03	.06	1	5
25 L97N 101+00E	2	34	2	106	.2	57	15	1589	4.34	7	5	ND	1	40	.2	2	2	57	.94	.199	10	74	.97	222	.09	6	2.01	.02	.09	1	2
25 L97N 101+25E	1	33	2	91	.2	74	18	1559	4.30	5	5	ND	1	64	.8	3	2	54	1.96	.162	9	77	1.00	294	.12	8	2.06	.02	.05	1	1
25 L97N 101+50E	1	73	2	65	.2	369	39	1705	5.98	20	5	ND	1	26	.2	2	2	89	.84	.099	13	348	3.97	151	.05	10	2.91	.01	.05	1	6
25 L97N 101+75E	2	77	7	67	.2	572	47	1309	6.27	37	5	ND	1	20	.3	2	2	93	.51	.058	7	393	5.16	138	.07	12	3.03	.02	.06	1	3
25 L97N 102+00E	2	66	6	82	.1	448	38	1249	6.26	19	5	ND	1	15	.7	2	2	90	.41	.084	8	355	4.38	121	.06	11	2.88	.02	.05	1	1
25 L97N 102+25E	2	78	5	66	.1	405	37	929	5.55	8	5	ND	1	15	.2	2	2	82	.39	.060	7	374	4.08	90	.09	7	2.85	.03	.04	1	3
25 L97N 102+50E	1	86	2	37	.1	490	43	624	5.32	3	5	ND	1	23	.4	2	2	86	.37	.053	4	536	4.78	73	.09	7	2.38	.03	.04	1	1
25 L97N 102+75E	1	78	4	48	.1	434	38	688	5.40	3	5	ND	1	17	.2	2	2	90	.34	.063	4	514	4.34	78	.10	5	2.34	.03	.04	1	2
25 L97N 103+00E	1	76	2	44	.1	439	39	645	5.46	2	5	ND	1	15	.2	3	2	89	.31	.046	3	522	4.28	71	.09	8	2.17	.03	.03	1	6
25 L97N 103+25E	1	68	2	45	.1	425	37	615	6.60	7	5	ND	1	12	.7	4	3	112	.26	.047	4	670	4.04	63	.12	4	2.01	.02	.03	1	1
25 L97N 103+75E	2	46	2	96	.3	250	28	732	4.82	9	5	ND	1	25	.5	4	2	76	.50	.140	4	263	3.04	112	.06	8	2.34	.02	.07	1	3
25 L97N 104+00E	2	36	9	120	.3	168	38	2045	5.90	8	5	ND	1	17	.6	4	2	89	.24	.098	6	255	1.81	200	.12	8	2.18	.02	.06	2	6
25 L97N 104+25E	2	35	10	98	.4	193	28	1455	5.79	3	5	ND	1	20	1.0	4	2	102	.26	.089	6	279	1.89	175	.19	5	1.81	.02	.06	1	8
25 L97N 104+50E	2	32	5	78	.4	249	31	1151	5.96	5	5	ND	1	17	.5	5	2	96	.26	.082	5	461	2.89	127	.16	5	2.35	.03	.04	1	2
25 L97N 104+75E	2	29	3	60	.3	248	29	1056	4.58	3	5	ND	1	10	.2	2	2	83	.18	.078	4	469	3.08	64	.08	6	2.37	.02	.02	1	1
25 L97N 105+00E	2	24	6	83	.4	201	23	846	4.94	2	5	ND	1	14	.2	4	2	97	.22	.071	5	381	2.34	79	.10	2	1.99	.03	.03	1	2
25 L97N 105+25E	2	30	5	92	.3	212	26	1092	6.51	3	5	ND	1	14	.6	2	2	112	.23	.079	4	443	2.33	70	.13	5	2.05	.03	.03	1	4
25 L97N 105+50E	2	19	9	80	.4	164	19	747	4.34	5	5	ND	1	13	.7	2	2	89	.24	.074	5	336	2.00	111	.17	3	1.75	.03	.04	1	1
25 L97N 105+75E	2	21	5	74	.4	164	25	952	5.80	2	5	ND	1	11	.8	3	2	112	.14	.110	5	379	1.92	87	.26	4	1.46	.02	.04	1	6
25 L97N 106+00E	3	16	4	79	.2	201	20	342	5.22	4	5	ND	1	10	.9	2	2	124	.15	.072	5	324	2.81	49	.30	3	2.01	.03	.04	1	7
25 L97N 106+25E	1	23	7	80	.2	251	22	463	6.01	2	5	ND	1	12	.7	2	2	105	.26	.076	4	526	2.88	91	.17	4	1.77	.02	.03	1	10
25 L97N 106+50E	1	17	3	83	.2	210	21	525	5.07	2	5	ND	1	10	.6	2	2	97	.22	.101	4	460	2.46	99	.21	4	1.58	.03	.04	1	2
25 L97N 106+75E	1	17	4	68	.1	216	22	760	4.49	3	5	ND	1	12	.4	3	2	88	.19	.078	3	494	2.64	54	.12	3	1.76	.03	.03	1	3
25 L97N 107+00E	1	29	7	69	.3	270	22	388	4.56	2	5	ND	1	10	.2	4	2	80	.20	.067	5	599	3.00	45	.13	6	2.38	.03	.02	1	7
25 L97N 107+25E	8	110	4	95	.3	463	36	712	5.73	176	5	ND	1	63	.8	5	2	184	.59	.074	13	416	2.89	186	.24	3	2.66	.03	.10	1	3
25 L97N 107+50E	2	13	6	65	.2	137	13	286	3.92	6	5	ND	1	10	.5	4	2	95	.18	.070	5	368	1.65	50	.21	2	1.32	.02	.03	1	1
25 L97N 107+75E	1	15	8	63	.2	217	17	333	5.54	2	5	ND	1	7	.3	5	2	100	.19	.085	4	583	2.50	39	.18	3	1.91	.03	.03	1	38
25 L97N 108+00E	1	17	2	72	.3	187	19	771	5.08	2	5	ND	1	11	1.1	4	5	95	.23	.110	3	479	2.15	74	.25	4	1.54	.02	.03	1	1
25 L97N 108+25E	2	15	4	62	.2	166	15	310	3.92	2	7	ND	1	9	1.2	3	2	82	.21	.083	3	463	2.13	54	.23	4	1.82	.03	.03	1	1
25 L97N 108+50E	2	17	15	54	.4	175	14	211	3.55	2	7	ND	1	7	.5	2	2	75	.14	.056	4	464	2.20	28	.16	3	1.90	.02	.03	1	2
25 L97N 108+75E	1	15	8	59	.2	201	16	382	3.64	2	5	ND	1	10	.2	3	2	76	.22	.068	2	505	2.34	57	.14	2	1.47	.03	.03	1	5
25 L97N 109+00E	1	39	7	46	.1	389	29	331	4.38	2	5	ND	1	14	.2	2	2	80	.29	.059	2	747	3.90	58	.08	6	1.85	.03	.03	1	1
STANDARD C/AU-S	18	60	41	131	6.9	72	31	1058	3.99	40	17	7	36	53	18.6	15	19	56	.51	.097	37	60	.90	181	.07	37	1.90	.06	.13	13	46

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
25 L97N 109+25E	2	28	6	54	.2	328	28	399	4.19	2	5	ND	1	13	.8	2	2	83	.26	.050	2	728	3.64	48	.07	6	2.03	.04	.03	1	1
25 L97N 109+50E	4	48	2	83	.2	485	40	624	3.32	46	5	ND	1	50	.3	2	2	114	.70	.052	2	427	3.44	353	.07	6	1.88	.04	.07	1	4
25 L97N 109+75E	3	11	3	109	.1	43	4	256	.23	2	5	ND	1	132	.5	2	2	5	1.62	.095	2	18	.33	339	.01	10	.12	.01	.14	1	1
25 L97N 110+00E	7	17	10	79	.3	178	26	1027	3.78	3	5	ND	1	35	1.0	2	2	93	.42	.067	4	415	2.12	190	.15	4	1.36	.03	.08	1	1
25 L96N 91+25E	1	274	9	115	.4	179	32	2392	6.04	9	5	ND	1	47	.7	2	2	87	.69	.069	14	110	2.88	148	.02	5	3.76	.02	.14	1	12
25 L96N 91+75E	1	196	3	76	.4	239	38	1111	5.38	9	5	ND	1	36	1.2	2	2	87	.65	.074	10	121	3.04	104	.09	6	2.41	.03	.08	1	2
25 L96N 92+00E	1	161	8	89	.5	79	23	1002	4.80	5	5	ND	2	40	.9	3	2	84	.68	.099	13	70	1.91	106	.08	4	2.11	.02	.08	1	1
25 L96N 92+25E	1	191	4	98	.5	94	24	1086	4.96	2	5	ND	2	40	.9	2	2	86	.65	.084	14	79	2.21	124	.08	4	2.40	.02	.10	1	1
25 L96N 92+50E	1	119	16	78	.4	61	22	995	4.16	4	5	ND	1	26	.3	2	2	86	.37	.071	6	85	1.56	83	.08	4	1.92	.01	.04	1	3
25 L96N 92+75E	1	76	8	69	.5	83	18	510	4.83	10	5	ND	1	25	.6	3	2	93	.29	.046	5	99	1.92	46	.07	3	2.90	.01	.03	1	6
25 L96N 93+00E	1	44	8	75	.7	95	17	491	5.09	3	5	ND	1	19	1.1	2	2	96	.25	.046	4	121	1.88	34	.17	3	2.51	.02	.03	1	1
25 L96N 93+25E	1	29	14	86	.5	66	16	1003	6.07	8	5	ND	1	25	.9	4	2	124	.23	.069	5	128	1.46	46	.16	2	2.11	.02	.04	1	1
25 L96N 93+50E	1	84	14	85	.4	129	24	776	5.25	8	5	ND	1	23	1.1	3	2	99	.28	.049	6	137	2.36	59	.12	2	2.92	.02	.05	1	4
25 L96N 93+75E	2	29	11	97	.5	48	16	726	5.79	9	5	ND	1	29	1.4	2	3	137	.34	.055	5	76	1.27	85	.25	4	2.17	.02	.04	1	2
25 L96N 94+00E	2	136	8	84	.5	199	26	578	5.66	6	5	ND	1	20	.7	2	2	96	.24	.046	5	177	2.84	59	.10	3	3.10	.02	.04	1	15
25 L96N 94+25E	3	35	11	101	.5	61	18	1755	5.63	8	5	ND	1	32	1.8	2	2	124	.48	.126	15	102	.94	216	.27	5	2.31	.03	.05	1	2
25 L96N 94+50E	2	119	12	136	.6	227	24	742	5.72	38	5	ND	1	31	1.5	2	2	158	.49	.088	24	220	2.00	187	.24	3	3.09	.04	.08	1	2
25 L96N 94+75E	2	45	16	88	.5	68	23	1326	6.57	11	5	ND	1	20	.7	3	2	125	.28	.128	5	134	1.30	77	.11	4	2.06	.01	.05	1	1
25 L96N 95+00E	2	46	16	82	.4	46	17	777	6.69	11	5	ND	1	23	1.6	2	2	158	.19	.198	7	80	1.22	107	.20	2	2.06	.01	.05	1	9
25 L96N 95+25E	2	55	6	81	.5	154	22	821	4.94	11	5	ND	1	22	.9	2	2	108	.27	.063	7	158	2.19	168	.16	2	2.63	.02	.05	1	1
25 L96N 95+50E	1	102	12	107	.3	354	32	916	5.19	31	5	ND	1	38	1.0	2	2	130	.75	.138	7	308	4.00	377	.10	5	3.43	.02	.10	1	1
25 L96N 95+75E	2	89	12	86	.4	171	26	1266	5.26	47	5	ND	1	35	1.0	4	2	186	.61	.145	15	275	2.20	284	.15	4	2.99	.02	.06	1	1
25 L96N 96+25E	2	50	9	66	.4	171	21	744	4.70	9	5	ND	1	14	.9	3	2	80	.22	.110	10	228	2.13	54	.16	4	3.09	.03	.05	1	1
25 L96N 97+00E	1	76	2	78	.3	300	36	1358	5.36	10	5	ND	1	24	.7	2	2	70	.45	.129	12	272	3.45	124	.06	5	2.59	.02	.07	1	1
25 L96N 97+25E	1	73	9	77	.3	351	38	1523	5.66	7	5	ND	1	18	.7	2	2	70	.31	.128	11	249	3.51	127	.10	6	2.75	.02	.08	1	1
25 L96N 97+50E	1	80	5	68	.3	263	31	1321	4.85	4	5	ND	1	26	.9	2	2	67	.39	.100	9	257	3.41	124	.07	7	2.56	.02	.06	1	1
25 L96N 97+75E	1	77	5	72	.4	303	35	1220	5.32	7	5	ND	1	22	.7	2	2	68	.37	.093	9	279	3.84	93	.08	9	2.48	.02	.06	1	2
25 L96N 98+00E	1	69	2	62	.1	431	40	1162	5.91	8	5	ND	1	16	.5	2	2	75	.32	.084	9	345	4.29	89	.07	10	2.35	.01	.06	1	1
25 L96N 98+25E	1	66	4	66	.3	442	37	973	5.50	3	5	ND	1	17	1.0	2	2	71	.30	.079	8	333	4.36	100	.06	10	2.37	.02	.06	1	1
25 L96N 98+50E	1	68	6	63	.1	521	43	804	6.72	3	5	ND	1	19	.8	2	2	90	.29	.064	5	446	5.13	77	.11	13	2.33	.02	.04	1	1
25 L96N 98+75E	1	135	5	71	.4	317	30	1153	5.58	5	5	ND	1	21	1.0	2	2	78	.31	.094	11	260	3.37	108	.10	7	2.90	.02	.06	1	1
25 L96N 99+00E	1	67	2	50	.1	643	50	747	7.75	2	5	ND	1	16	.8	2	3	107	.24	.046	3	571	6.06	65	.11	20	2.13	.02	.03	1	1
25 L96N 99+25E	1	76	2	55	.2	529	43	1104	6.23	3	5	ND	1	15	.6	2	2	84	.27	.057	8	417	5.23	92	.10	12	2.41	.02	.05	1	3
25 L96N 99+50E	1	84	2	41	.1	656	48	602	5.16	2	5	ND	1	26	.6	2	2	71	.33	.045	4	398	6.66	137	.09	21	2.38	.02	.02	1	4
25 L96N 99+75E	1	91	3	52	.1	767	65	837	5.92	3	5	ND	1	20	.8	2	2	75	.23	.047	4	423	8.15	80	.08	31	2.42	.02	.02	1	1
25 L96N 100+00E	2	78	11	81	.2	714	67	1764	7.80	4	5	ND	1	12	1.3	2	4	93	.15	.084	10	407	5.45	75	.21	11	2.46	.02	.03	1	2
STANDARD C/AU-S	18	59	38	132	7.1	72	31	1059	3.99	43	20	7	36	53	18.8	14	17	56	.51	.096	35	59	.90	180	.07	37	1.89	.06	.14	11	52

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
25 L96N 100+25E	2	53	9	92	.3	494	71	1532	6.64	3	5	ND	1	23	.7	2	3	80	.33	.131	11	251	4.53	88	.19	16	2.42	.03	.05	1	6
25 L96N 100+50E	1	66	6	48	.1	732	63	870	6.86	2	5	ND	1	6	.4	2	2	98	.07	.061	2	626	7.58	24	.04	10	2.83	.01	.01	1	1
25 L96N 100+75E	1	114	6	63	.2	887	99	2228	7.20	6	5	ND	2	15	.7	2	2	103	.19	.070	11	491	6.40	101	.13	12	3.17	.01	.03	1	8
25 L96N 101+00E	2	71	13	87	.3	382	42	1633	5.88	13	5	ND	1	22	1.0	3	2	94	.47	.122	8	361	3.95	151	.07	6	3.28	.01	.06	1	2
25 L96N 101+25E	1	104	6	48	.1	725	81	1972	5.95	10	5	ND	1	24	.4	2	4	101	.60	.057	6	514	6.68	133	.04	12	3.15	.01	.03	1	7
25 L96N 101+50E	1	107	4	61	.2	685	60	1866	5.88	16	5	ND	1	24	.4	2	2	96	.61	.079	7	516	6.30	127	.02	14	2.80	.01	.03	1	2
25 L96N 101+75E	1	96	8	55	.3	604	46	1110	6.00	8	5	ND	1	25	.5	2	2	92	.55	.051	10	412	5.48	159	.12	9	2.76	.03	.03	1	5
25 L96N 102+00E	2	105	9	59	.2	674	40	777	5.69	9	5	ND	2	13	.7	2	2	90	.29	.081	9	433	5.83	101	.13	8	3.17	.03	.03	1	5
25 L96N 102+25E	1	39	9	86	.4	224	29	777	4.18	10	5	ND	1	13	.7	3	2	75	.22	.133	3	315	2.56	63	.05	7	1.91	.02	.05	1	1
25 L96N 102+50E	2	98	10	81	.4	386	43	1159	5.12	8	5	ND	1	10	.6	3	2	88	.22	.123	6	379	3.89	70	.12	6	2.95	.03	.04	1	1
25 L96N 102+75E	1	74	2	46	.2	255	29	491	3.63	3	5	ND	1	10	.6	3	2	56	.30	.055	3	314	3.30	86	.14	2	2.33	.03	.11	1	1
25 L96N 103+00E	1	103	4	58	.3	434	43	750	5.02	6	5	ND	1	12	.5	2	2	76	.31	.064	4	430	4.56	85	.11	6	2.66	.03	.04	1	1
25 L96N 103+25E	1	60	4	75	.3	338	32	566	4.96	3	5	ND	1	19	.2	2	2	85	.45	.087	2	452	3.84	84	.07	5	2.21	.03	.04	1	2
25 L96N 103+50E	2	20	8	127	.6	147	22	1223	6.79	2	5	ND	1	27	1.5	3	2	115	.50	.073	5	270	1.90	125	.31	4	1.53	.03	.05	1	2
25 L96N 103+75E	2	24	5	121	.5	160	49	2261	5.92	5	5	ND	1	20	.8	2	2	106	.37	.141	4	301	2.01	162	.11	5	1.78	.03	.06	1	3
25 L96N 104+00E	1	35	8	90	.4	218	31	843	4.69	5	5	ND	1	12	.4	2	4	82	.20	.120	3	392	2.70	66	.09	5	2.00	.03	.04	1	1
25 L96N 104+50E	6	33	15	104	.5	144	47	3437	5.85	5	5	ND	1	19	1.1	3	2	98	.27	.087	6	314	1.75	222	.19	8	1.73	.03	.05	1	3
25 L96N 104+75E	2	41	9	84	.5	203	26	969	5.58	9	5	ND	1	12	1.3	2	2	96	.24	.079	5	363	2.44	62	.16	3	2.41	.03	.04	1	9
25 L96N 105+00E	3	16	10	85	.6	74	15	620	6.22	8	5	ND	1	8	1.6	3	2	97	.11	.066	9	185	.96	33	.30	2	2.74	.02	.03	1	8
25 L96N 105+25E	1	95	11	66	.4	408	33	545	4.46	72	5	ND	1	68	.8	2	2	117	.94	.081	4	595	3.60	290	.06	11	2.00	.03	.07	1	7
25 L96N 105+50E	2	81	7	71	.3	518	31	331	4.70	107	5	ND	1	32	.6	2	2	145	.50	.070	4	691	3.53	144	.07	6	2.01	.03	.06	1	1
25 L96N 105+75E	3	169	5	70	.3	741	58	586	5.51	43	5	ND	1	24	.3	2	2	120	.41	.051	5	735	4.29	149	.08	7	2.18	.03	.09	1	1
25 L96N 106+00E	8	104	8	92	.4	526	40	963	6.09	154	5	ND	1	27	.6	4	2	218	.33	.165	19	450	2.63	126	.12	5	3.21	.02	.08	1	5
25 L96N 106+25E	6	81	9	152	.4	604	41	838	5.70	127	5	ND	1	42	.5	3	2	193	.54	.168	10	400	3.10	175	.12	7	2.96	.02	.08	1	1
25 L96N 106+50E	2	92	3	51	.2	645	43	393	5.99	7	5	ND	1	21	.3	2	2	118	.37	.037	2	1130	5.06	77	.08	7	2.38	.03	.07	1	2
25 L96N 106+75E	1	41	8	59	.2	410	33	529	4.44	2	5	ND	1	12	.6	2	3	81	.27	.061	2	638	4.49	87	.11	5	2.37	.03	.03	1	2
25 L96N 107+00E	2	35	11	81	.5	320	32	782	5.06	4	5	ND	1	14	.7	2	3	86	.26	.080	4	548	3.66	86	.15	5	2.28	.02	.04	1	2
25 L96N 107+25E	3	29	2	59	.4	309	29	396	4.35	3	5	ND	1	11	.2	2	2	80	.23	.061	2	617	3.66	54	.10	8	2.06	.03	.03	1	1
25 L96N 107+50E	5	42	10	82	.6	321	32	609	3.91	9	5	ND	2	26	.7	2	2	94	.38	.082	5	476	2.70	198	.14	7	1.66	.03	.07	1	1
25 L96N 108+00E	1	17	7	72	.5	231	23	527	4.70	2	5	ND	1	10	1.4	3	2	89	.25	.080	3	541	2.63	80	.21	3	1.76	.03	.03	1	2
25 L96N 108+25E	1	26	10	70	.3	278	25	352	4.35	4	5	ND	1	15	.8	4	3	79	.35	.062	2	567	3.11	135	.11	7	1.88	.04	.03	1	1
25 L96N 109+00E	1	26	11	59	.2	292	24	384	5.34	4	5	ND	1	8	.4	2	2	93	.23	.052	2	764	3.12	31	.11	5	2.03	.03	.03	1	1
25 L96N 109+25E	2	31	4	54	.3	370	26	288	4.47	7	5	ND	1	13	.2	2	4	93	.33	.071	2	725	3.38	65	.07	6	1.80	.03	.03	1	1
25 L96N 109+50E	6	14	13	76	.5	215	22	644	6.28	3	5	ND	1	33	1.2	2	2	108	.33	.067	4	543	2.58	104	.21	5	1.73	.02	.05	1	1
25 L96N 109+75E	8	36	6	99	.5	290	42	1525	5.39	69	5	ND	1	49	1.3	2	2	179	.58	.081	7	325	2.44	398	.24	8	2.11	.03	.06	1	1
25 L96N 110+00E	5	22	7	64	.5	205	23	429	3.92	14	5	ND	1	21	.8	2	2	95	.33	.063	4	410	2.21	167	.17	7	1.45	.03	.04	1	1
STANDARD C/AU-S	18	61	36	130	7.0	71	31	1058	3.99	40	15	7	38	53	18.6	15	21	56	.50	.099	37	60	.90	181	.07	38	1.90	.06	.13	13	52

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
25 L94N 96+25E	3	64	11	75	.6	208	57	1124	5.34	12	5	ND	1	23	1.0	2	2	120	.30	.083	23	199	1.38	186	.22	5	3.20	.03	.04	4	4
25 L94N 96+50E	2	15	14	66	.6	28	21	1031	5.18	3	5	ND	1	10	1.8	2	2	110	.09	.100	8	74	.45	70	.36	4	1.43	.02	.04	2	5
25 L94N 96+75E	3	34	9	70	.5	142	32	973	5.69	2	5	ND	1	9	1.3	2	2	94	.14	.079	8	234	1.76	45	.19	4	3.20	.02	.03	2	1
25 L94N 97+00E	3	58	10	81	.5	133	21	759	6.47	4	5	ND	1	11	1.3	2	2	97	.14	.064	8	171	1.81	46	.18	4	3.74	.02	.03	4	2
25 L94N 97+50E	2	42	5	66	.3	286	26	601	6.31	4	5	ND	1	10	1.0	2	2	97	.16	.051	4	349	3.26	63	.09	4	2.87	.02	.03	1	1
25 L94N 97+75E	2	40	9	68	.3	310	31	938	5.45	2	5	ND	1	18	.3	2	2	92	.26	.104	3	344	3.40	119	.03	5	2.38	.02	.03	1	1
25 L94N 98+00E	3	85	8	62	.1	801	58	501	4.02	2	5	ND	1	28	.3	2	2	56	.35	.057	4	283	8.55	228	.06	13	3.61	.02	.03	2	1
25 L94N 98+25E	2	78	8	37	.2	635	48	512	7.66	2	5	ND	1	30	.7	2	2	123	.43	.037	3	514	5.96	145	.09	21	1.78	.01	.02	1	2
25 L94N 98+50E	2	89	2	42	.2	673	45	505	5.59	2	5	ND	1	28	.4	2	2	82	.52	.053	5	404	6.42	206	.08	22	2.26	.02	.03	2	1
25 L94N 99+25E	2	72	4	58	.2	613	60	869	7.41	7	5	ND	1	12	.5	2	2	98	.23	.077	7	382	5.64	40	.16	14	2.26	.02	.03	1	6
25 L94N 99+50E	3	82	11	64	.1	638	67	1042	7.55	5	5	ND	1	13	.8	2	2	100	.23	.091	8	362	5.25	51	.18	14	2.49	.02	.03	1	1
25 L94N 99+75E	2	95	9	58	.1	752	73	907	7.33	4	5	ND	1	17	.7	2	2	94	.35	.055	6	381	6.33	58	.13	24	2.04	.02	.03	1	1
25 L92N 100+25E	2	42	9	82	.5	152	29	1755	3.56	2	5	ND	1	105	.7	2	2	53	1.32	.180	6	161	1.47	282	.06	4	1.83	.02	.04	1	9
25 L92N 100+50E	3	86	14	81	.3	519	48	1397	6.09	16	5	ND	1	34	.4	2	3	89	.41	.076	6	364	4.38	312	.07	6	2.89	.02	.04	3	4
25 L92N 100+75E	2	73	14	65	.2	489	49	1022	6.19	10	5	ND	1	10	.6	2	2	98	.17	.063	6	504	4.63	62	.10	6	2.78	.03	.05	2	2
25 L92N 101+00E	3	106	8	74	.1	777	51	815	5.88	6	5	ND	1	11	.5	2	2	88	.17	.069	9	396	5.14	77	.13	8	3.06	.02	.05	3	8
25 L92N 101+25E	4	185	18	98	.2	777	69	1654	7.22	9	5	ND	1	12	1.1	2	2	76	.18	.085	10	269	5.54	71	.12	18	3.21	.02	.04	1	46
25 L92N 101+50E	3	330	18	82	.3	515	46	1097	6.32	9	5	ND	1	14	.6	2	2	78	.19	.068	7	306	4.34	124	.10	7	3.19	.02	.05	1	350
25 L92N 101+75E	3	99	12	50	.1	765	62	832	6.82	8	5	ND	1	14	.2	2	2	94	.12	.047	3	554	8.22	56	.03	14	2.81	.01	.02	3	41
25 L92N 102+00E	2	97	8	48	.2	590	40	620	5.33	2	5	ND	1	16	.5	2	2	83	.33	.049	4	481	5.64	97	.10	3	3.19	.02	.03	2	9
25 L92N 102+25E	3	115	5	58	.1	849	67	958	5.62	2	5	ND	1	14	.7	2	2	84	.27	.044	4	511	6.85	65	.07	6	3.25	.02	.03	3	10
25 L92N 102+75E	3	96	10	56	.1	581	43	584	5.08	2	5	ND	1	15	.5	2	2	81	.21	.057	6	430	5.79	54	.09	5	3.24	.02	.03	3	4
25 L92N 103+00E	1	74	4	26	.1	609	41	338	7.28	2	5	ND	1	18	.2	2	2	136	.22	.052	3	642	5.33	30	.07	4	2.15	.01	.02	2	6
25 L92N 103+25E	2	83	4	36	.1	504	41	618	5.55	7	5	ND	1	24	.3	2	3	93	.43	.047	4	537	4.85	86	.08	5	2.37	.02	.05	2	4
25 L92N 103+50E	1	72	13	73	.2	410	28	382	4.08	5	5	ND	1	12	.2	2	2	65	.23	.057	4	414	4.13	85	.09	5	2.45	.04	.03	1	3
25 L92N 103+75E	2	56	15	50	.1	453	37	537	4.52	4	5	ND	1	15	.5	2	2	72	.27	.042	3	457	4.61	99	.11	4	2.39	.03	.03	3	2
25 L92N 104+00E	1	58	3	48	.2	408	34	482	5.10	6	6	ND	1	21	.2	2	2	83	.31	.055	3	545	4.20	123	.08	10	2.04	.03	.03	2	4
25 L92N 104+50E	1	15	5	59	.2	103	11	405	2.96	2	5	ND	1	12	.3	2	2	61	.17	.074	5	232	1.24	73	.07	3	1.37	.03	.03	1	1
25 L92N 105+00E	3	16	10	58	.2	72	10	392	4.24	3	9	ND	1	13	.8	2	2	74	.15	.082	7	156	.47	96	.24	3	2.89	.02	.03	3	1
25 L92N 105+25E	3	23	7	84	.4	150	29	1279	7.39	6	5	ND	1	9	1.1	2	2	104	.13	.104	6	325	1.71	56	.19	2	2.43	.02	.03	2	2
25 L92N 105+50E	3	21	6	68	.3	189	21	782	5.04	2	5	ND	1	9	.8	2	2	83	.14	.084	5	400	2.25	46	.14	3	2.29	.02	.02	2	4
25 L92N 105+75E	5	93	10	92	.3	492	34	464	5.47	133	6	ND	1	49	.9	2	2	178	.48	.081	5	585	3.69	137	.19	7	2.83	.03	.08	3	2
25 L92N 106+00E	6	32	10	88	.4	193	26	823	5.24	84	6	ND	1	10	.8	4	2	147	.14	.057	4	327	1.74	52	.25	4	1.87	.02	.05	3	1
25 L92N 106+25E	4	19	13	89	.2	114	35	2846	4.85	101	5	ND	1	27	.7	2	2	159	.27	.087	5	259	1.10	213	.14	4	1.37	.02	.06	1	2
25 L92N 106+50E	3	40	9	100	.3	256	58	2469	4.50	55	5	ND	1	25	.2	2	2	113	.40	.125	3	362	2.21	258	.05	5	1.63	.02	.08	1	1
25 L92N 107+00E	1	31	4	66	.2	310	25	431	5.87	6	9	ND	1	10	.3	4	2	89	.24	.081	2	632	3.11	65	.06	6	2.04	.03	.03	1	5
STANDARD C/AU-S	19	59	38	132	7.0	70	31	1059	3.99	41	22	7	37	53	18.5	15	20	56	.51	.097	38	59	.90	181	.07	38	1.90	.06	.13	11	49

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
25 L92N 107+25E	4	62	10	93	.1	513	46	758	4.63	57	5	ND	1	24	.6	2	5	112	.32	.064	3	409	5.04	130	.08	5	3.01	.02	.04	3	8
25 L92N 107+50E	3	24	7	64	.2	250	40	1243	5.28	44	5	ND	1	13	.8	2	4	113	.20	.091	3	502	2.58	79	.07	3	2.06	.02	.03	1	1
25 L92N 107+75E	4	54	3	92	.1	488	46	966	5.38	64	5	ND	1	34	.2	2	2	114	.36	.086	2	480	4.31	116	.07	6	2.81	.02	.06	3	1
25 L92N 108+00E	4	4	9	52	.2	140	13	302	6.26	3	5	ND	1	10	1.6	3	2	137	.14	.037	2	548	1.28	73	.43	2	1.04	.02	.03	1	1
25 L90N 100+25E	3	37	5	59	.3	113	11	233	4.19	2	5	ND	1	6	.8	2	2	74	.12	.078	10	203	1.29	28	.25	2	3.10	.02	.02	3	2
25 L90N 100+50E	2	53	7	67	.1	409	41	770	4.88	4	5	ND	1	14	.9	2	2	81	.28	.064	3	401	4.51	77	.09	2	2.86	.02	.03	1	1
25 L90N 100+75E	2	52	8	64	.1	391	38	708	5.32	2	5	ND	1	15	.9	2	4	89	.30	.061	3	450	4.38	91	.08	2	2.75	.02	.03	3	3
25 L90N 101+00E	2	47	4	63	.1	327	36	716	5.35	2	5	ND	1	13	.9	2	2	91	.31	.056	4	430	3.70	81	.09	4	2.13	.02	.05	2	3
25 L90N 101+25E	2	35	7	54	.2	254	28	604	4.65	2	5	ND	1	15	1.0	2	2	78	.29	.056	3	309	2.85	78	.12	2	2.00	.02	.03	1	3
25 L90N 101+50E	1	52	2	45	.1	389	35	495	5.15	4	5	ND	1	10	.5	2	2	86	.24	.033	2	461	4.06	54	.06	4	2.16	.02	.02	2	8
25 L90N 101+75E	2	36	6	73	.2	243	27	706	5.41	8	5	ND	1	18	.6	2	3	85	.31	.066	4	314	2.82	84	.08	2	2.40	.03	.03	2	1
25 L90N 102+00E	1	44	2	53	.1	334	27	505	5.53	6	5	ND	1	16	.6	2	5	86	.29	.059	2	453	3.55	88	.04	3	2.12	.02	.03	1	1
25 L90N 102+25E	1	49	5	44	.1	385	34	458	5.11	4	5	ND	1	12	.8	2	2	84	.23	.039	2	474	4.09	46	.07	4	2.20	.02	.02	2	4
25 L90N 102+50E	2	35	7	68	.2	307	25	471	5.56	6	5	ND	1	14	.9	2	2	93	.23	.054	2	458	3.46	50	.08	3	2.21	.02	.02	2	1
25 L90N 102+75E	4	28	5	87	.4	185	37	1200	6.16	4	5	ND	1	12	1.5	2	2	81	.19	.097	5	286	1.88	68	.17	4	2.79	.02	.03	2	9
25 L90N 103+00E	3	30	7	72	.3	177	29	784	4.99	6	5	ND	1	8	.9	2	5	82	.11	.071	4	380	2.07	47	.13	2	2.32	.02	.03	2	1
25 L90N 103+25E	4	30	8	97	.4	156	30	1675	5.65	11	5	ND	1	20	1.1	2	3	92	.24	.092	5	327	1.98	153	.16	7	1.88	.02	.05	1	4
25 L90N 103+50E	2	26	18	102	.2	115	23	1274	5.99	7	5	ND	1	13	1.0	2	3	85	.20	.092	7	224	1.39	159	.19	5	1.76	.02	.04	2	5
25 L90N 103+75E	2	67	4	56	.1	424	41	732	5.14	6	5	ND	1	15	.8	2	2	81	.31	.058	2	547	4.27	131	.08	5	2.22	.02	.05	2	1
25 L90N 104+00E	3	26	11	78	.4	198	29	793	5.07	3	5	ND	1	11	.9	2	3	80	.18	.064	5	396	2.29	72	.13	3	2.22	.02	.03	1	3
25 L90N 104+25E	2	42	10	71	.3	254	26	503	5.30	3	5	ND	1	7	.8	2	2	85	.15	.048	4	413	3.10	55	.13	2	2.89	.02	.04	1	4
25 L90N 104+50E	3	23	2	95	.2	142	20	867	5.73	6	5	ND	1	14	1.2	2	2	83	.21	.071	6	235	1.69	117	.26	4	1.96	.02	.03	2	1
25 L90N 105+00E	3	80	17	83	.5	181	25	542	4.93	36	5	ND	1	15	1.1	2	3	85	.27	.055	3	196	2.13	91	.08	4	2.22	.02	.05	4	10
25 L90N 105+25E	2	34	15	100	.2	112	19	866	4.44	17	5	ND	1	29	.8	2	2	80	.54	.070	3	182	1.50	146	.13	2	1.47	.02	.07	1	15
25 L90N 105+50E	3	93	15	107	.4	199	26	447	5.21	48	5	ND	1	21	.8	2	2	83	.41	.076	2	170	2.23	106	.09	4	2.13	.03	.05	3	2
25 L90N 105+75E	1	60	2	42	.1	412	40	626	4.39	5	5	ND	1	17	.4	2	2	69	.34	.070	2	547	3.90	70	.05	9	1.61	.02	.02	1	4
25 L90N 106+00E	2	78	2	52	.1	860	83	847	5.18	7	5	ND	1	25	.2	2	2	51	.18	.056	2	607	10.22	92	.03	26	1.62	.01	.02	1	2
25 L90N 106+25E	2	57	6	56	.1	521	45	570	4.72	6	5	ND	1	12	.4	2	2	71	.22	.090	2	527	5.04	85	.06	10	2.10	.02	.02	2	2
25 L90N 106+50E	3	151	10	70	.1	838	47	401	5.56	27	5	ND	1	40	.3	2	2	102	.54	.070	7	587	6.70	275	.04	9	3.74	.01	.13	4	2
25 L90N 106+75E	2	71	7	58	.2	441	47	741	4.74	22	5	ND	1	17	.3	2	2	92	.30	.073	4	537	4.07	133	.05	7	2.14	.02	.05	2	1
25 L90N 107+00E	3	42	4	57	.1	450	43	412	4.21	9	5	ND	1	29	.4	2	2	78	.27	.041	2	515	4.94	119	.10	5	2.41	.02	.04	4	1
25 L90N 107+15E	2	53	3	60	.1	470	37	412	4.78	22	5	ND	1	44	.5	2	2	97	.44	.044	2	682	4.76	146	.06	10	1.91	.03	.07	2	2
25 L90N 107+25E	2	52	2	58	.1	524	39	312	3.97	8	5	ND	1	20	.4	2	2	75	.28	.049	2	428	5.92	112	.08	5	2.98	.02	.03	2	1
25 L90N 107+50E	3	49	3	56	.1	424	43	906	4.57	26	5	ND	1	14	.7	2	2	106	.28	.044	2	412	4.56	128	.09	5	2.65	.04	.03	3	2
25 L90N 107+75E	3	36	7	55	.1	471	36	343	4.32	13	5	ND	1	11	.4	2	2	89	.16	.034	2	398	5.30	66	.07	2	2.91	.02	.02	3	1
25 L90N 108+00E	3	39	6	72	.4	360	30	419	6.43	36	5	ND	1	10	.7	2	2	129	.18	.081	3	480	3.98	53	.13	4	2.55	.02	.03	2	1
STANDARD C/AU-S	18	58	40	131	6.9	70	32	1057	3.98	38	15	7	39	52	18.5	15	18	55	.50	.095	35	61	.90	179	.07	36	1.89	.06	.14	11	50

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
25 L90N 108+25E	1	32	5	78	.2	360	36	717	4.28	7	5	ND	1	10	.2	2	2	94	.19	.067	3	482	3.86	108	.16	6	2.33	.02	.05	1	4
25 L90N 108+50E	1	38	2	72	.3	330	28	545	5.99	21	5	ND	1	8	.2	2	2	105	.18	.059	2	724	3.36	34	.10	7	2.62	.02	.05	1	5
25 L90N 108+75E	1	37	3	55	.3	397	28	265	4.23	2	5	ND	1	8	.2	2	2	76	.16	.030	2	516	4.10	32	.14	7	2.86	.02	.03	1	4
25 L90N 109+00E	1	42	4	57	.3	438	34	375	4.07	21	5	ND	1	42	.2	2	2	102	.41	.027	3	482	4.07	139	.12	6	2.60	.02	.05	1	4
25 L90N 109+25E	1	77	2	46	.3	605	49	484	4.57	28	5	ND	1	52	.2	2	2	106	.47	.032	4	655	5.11	194	.11	9	2.83	.01	.04	1	4
25 L90N 109+50E	1	49	3	44	.3	440	34	358	4.49	19	5	ND	1	47	.2	2	2	94	.53	.044	2	719	4.00	230	.14	9	2.45	.02	.18	1	9
25 L90N 109+75E	1	73	3	52	.3	654	46	415	4.78	27	5	ND	1	40	.2	2	2	110	.39	.039	3	744	5.37	163	.11	9	2.84	.01	.02	1	2
25 L90N 110+00E	1	49	2	50	.2	607	41	368	5.03	2	5	ND	1	44	.2	2	2	97	.38	.042	2	1032	5.33	86	.10	13	2.26	.02	.09	1	3
25 L88N 100+00E BL	1	50	5	71	.2	311	28	573	4.56	2	5	ND	1	9	.2	2	2	85	.19	.050	3	400	3.39	51	.14	6	2.57	.02	.02	1	1
25 L88N 100+25E	1	39	5	71	.2	223	18	287	3.74	2	5	ND	1	6	.2	2	2	71	.13	.068	5	362	2.59	28	.15	5	2.90	.02	.02	1	2
25 L88N 100+50E	1	34	9	53	.3	131	11	230	4.11	5	5	ND	1	8	.2	2	2	78	.14	.100	9	163	1.52	29	.34	5	2.68	.02	.02	1	8
25 L88N 100+75E	1	57	2	66	.3	390	33	522	5.30	9	5	ND	1	9	.2	2	2	92	.20	.056	3	516	3.55	49	.07	6	2.63	.02	.03	1	6
25 L88N 101+00E	1	67	4	70	.3	330	33	648	4.55	6	5	ND	1	9	.2	2	2	85	.18	.102	5	401	3.43	38	.16	7	2.88	.02	.04	1	2
25 L88N 101+25E	1	58	2	51	.1	387	31	462	5.18	5	5	ND	1	6	.2	2	2	87	.15	.058	5	482	3.87	28	.09	6	2.81	.02	.03	1	8
25 L88N 101+50E	2	23	10	58	.3	119	15	441	3.31	2	5	ND	1	8	.2	2	2	81	.11	.075	6	294	1.60	35	.23	6	2.24	.01	.02	1	7
25 L88N 101+75E	1	93	3	89	.3	684	47	1004	5.38	23	5	ND	1	30	.2	2	2	122	.34	.166	4	607	5.00	262	.08	6	4.07	.01	.07	1	6
25 L88N 102+00E	1	69	5	79	.3	265	29	664	4.76	10	5	ND	1	13	.2	2	2	80	.24	.109	12	337	2.72	61	.30	8	2.95	.03	.04	1	7
25 L88N 102+25E	1	97	6	66	.2	408	41	937	5.55	17	5	ND	1	11	.2	2	2	94	.22	.084	7	478	3.74	54	.18	8	2.65	.02	.04	1	4
25 L88N 102+50E	1	78	3	68	.3	414	40	878	5.16	9	5	ND	1	13	.2	2	2	87	.29	.061	4	495	3.96	60	.13	9	2.26	.02	.05	1	4
25 L88N 102+75E	1	59	5	85	.2	316	36	792	5.56	17	5	ND	1	8	.2	2	2	99	.16	.080	8	531	3.20	34	.25	7	3.08	.02	.03	1	2
25 L88N 103+00E	3	25	8	84	.2	35	25	2774	5.61	5	5	ND	1	9	.2	2	2	98	.11	.120	6	138	.38	75	.37	6	1.49	.01	.03	1	1
25 L88N 103+25E	1	27	5	94	.2	182	35	1435	5.40	12	5	ND	1	12	.2	2	2	88	.16	.107	4	445	2.04	82	.13	6	1.80	.01	.04	1	1
25 L88N 103+50E	1	69	3	63	.2	422	51	1011	5.00	2	5	ND	1	13	.2	2	2	85	.25	.073	4	651	3.81	159	.09	7	2.56	.02	.03	1	3
25 L88N 103+75E	1	44	4	54	.2	327	32	495	5.13	2	5	ND	1	8	.2	2	2	86	.18	.044	6	640	3.29	49	.15	9	2.63	.01	.03	1	2
25 L88N 104+00E	1	84	3	73	.4	486	36	502	4.94	31	5	ND	1	32	.2	2	2	121	.39	.066	8	577	3.87	167	.17	8	2.61	.02	.06	1	2
25 L88N 104+25E	2	41	7	82	.2	119	16	831	5.33	4	5	ND	1	7	.2	2	2	85	.12	.063	6	344	1.25	36	.30	6	2.89	.02	.02	1	3
25 L88N 104+50E	1	51	5	77	.4	296	27	859	5.49	9	8	ND	1	8	.2	2	2	113	.14	.104	7	506	2.33	32	.21	8	2.71	.02	.04	1	4
25 L88N 104+75E	1	45	12	66	.2	142	10	231	4.05	16	5	ND	1	12	.2	2	2	101	.15	.071	11	219	1.20	99	.37	6	2.13	.02	.04	1	1
25 L88N 105+00E	1	36	3	96	.3	225	20	570	5.66	4	5	ND	1	19	.2	2	2	91	.23	.076	4	496	2.32	79	.16	6	2.03	.01	.03	1	1
25 L88N 105+50E	1	55	3	53	.2	399	35	354	3.95	10	5	ND	1	36	.2	2	2	78	.53	.039	2	727	3.89	104	.08	8	2.01	.01	.07	1	1
25 L88N 106+00E	1	44	2	48	.2	473	41	337	5.16	3	5	ND	1	11	.2	2	2	95	.14	.060	2	794	4.77	32	.05	6	2.36	.01	.04	1	3
25 L88N 106+25E	1	77	2	38	.1	590	42	311	4.60	2	5	ND	1	25	.2	2	2	87	.41	.041	2	788	5.35	116	.09	6	2.82	.01	.08	1	2
25 L88N 106+50E	1	100	4	54	.1	753	148	1754	6.21	10	5	ND	1	11	.2	2	2	74	.20	.099	2	529	6.44	86	.07	27	2.16	.01	.04	1	2
25 L88N 106+75E	1	80	5	52	.1	519	59	909	5.28	9	5	ND	1	8	.2	2	2	84	.19	.056	4	589	4.55	45	.14	10	2.80	.02	.05	1	1
25 L88N 107+00E	1	61	6	62	.1	388	36	742	4.42	16	5	ND	1	15	.2	2	2	97	.25	.053	5	408	3.53	48	.17	7	2.74	.02	.06	1	1
25 L88N 107+25E	1	73	3	56	.2	533	46	459	4.02	9	5	ND	1	33	.2	2	2	69	.58	.046	2	568	5.08	119	.06	11	2.48	.01	.08	1	1
STANDARD C/AU-S	18	58	37	131	7.0	71	32	1050	3.97	37	23	7	39	53	19.1	15	17	58	.51	.093	38	58	.90	181	.09	38	1.91	.06	.13	12	47

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
25 L88N 107+50E	1	45	6	51	.2	426	29	190	4.18	7	5	ND	1	16	.7	2	4	75	.21	.031	2	474	4.78	47	.07	2	2.60	.01	.03	1	1
25 L88N 107+75E	2	23	9	53	.2	324	29	363	4.05	9	5	ND	1	13	.5	2	2	84	.22	.046	2	438	3.71	63	.06	2	2.07	.02	.02	1	1
25 L88N 108+00E	6	16	14	72	.3	105	16	565	5.54	9	5	ND	1	11	1.9	3	2	125	.08	.055	7	188	1.26	70	.37	3	1.47	.02	.06	1	1
25 L88N 108+25E	2	12	11	53	.3	84	10	223	3.58	6	5	ND	1	8	1.8	2	2	94	.10	.043	4	301	.80	71	.38	2	.99	.02	.02	1	2
25 L88N 108+50E	1	14	6	41	.1	145	11	199	3.34	7	5	ND	1	7	.6	2	2	71	.13	.073	3	418	1.65	48	.14	2	1.15	.02	.02	1	22
25 L88N 108+75E	1	10	8	39	.2	90	11	275	3.55	8	5	ND	1	11	1.3	2	2	97	.33	.070	3	291	1.24	56	.22	2	1.03	.05	.03	1	15
25 L88N 109+00E	1	16	14	50	.3	160	14	206	4.68	7	5	ND	1	8	.7	2	2	96	.14	.101	2	378	1.81	38	.16	2	1.65	.02	.03	1	2
25 L88N 109+25E	1	20	4	50	.1	204	16	233	3.90	6	5	ND	1	8	.6	2	2	77	.18	.077	2	380	2.35	34	.07	2	1.55	.02	.03	1	1
25 L88N 109+50E	1	36	7	52	.1	293	21	328	3.03	6	5	ND	1	8	.7	2	2	64	.20	.033	2	367	3.07	60	.10	2	1.94	.02	.05	1	1
90S-12-W1	16	28	177	294	.3	6	14	3180	3.42	4	5	ND	22	43	3.5	2	2	6	.25	.062	55	5	.09	451	.01	2	.45	.01	.12	1	1
STANDARD C	19	61	36	131	6.9	72	32	1059	3.97	40	17	8	37	53	18.5	15	19	56	.52	.098	38	61	.91	180	.07	37	1.90	.06	.13	11	-

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SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
L25E 104N	10	22	178	70	6.3	8	4	1657	2.18	6	5	ND	4	64	1.0	2	431	26	.51	.098	9	13	.50	253	.08	8	1.30	.01	.36	2	1
L25E 102+25N	1	22	3	181	.3	5	9	1765	2.65	9	5	ND	2	38	1.0	2	3	26	2.14	.083	6	9	.89	165	.06	3	1.38	.02	.28	1	1
L25E 99+50N	1	149	8	616	.7	3	10	1693	2.26	2	5	ND	7	39	3.2	2	2	32	1.20	.093	15	8	.75	530	.06	5	1.10	.02	.21	1	5
L25E 98N	1	193	18	250	.8	9	3	2106	11.77	3	5	ND	4	67	.8	4	2	187	.17	.253	15	100	3.67	271	.26	2	3.80	.01	.10	1	45
L25E 95N	2	140	5	69	.8	3	2	185	1.50	2	6	ND	3	9	.2	2	3	8	.07	.050	10	8	.24	322	.01	3	.84	.02	.21	1	4
L25E 93N	4	55	41	19	.8	1	1	120	2.44	10	5	ND	3	80	.7	2	2	10	.02	.049	11	7	.10	439	.10	2	.48	.01	.16	1	13
L25E 92N	1	32	2	101	.4	3	4	691	3.09	4	5	ND	6	47	.7	2	2	23	.30	.085	13	7	.96	657	.05	2	1.54	.01	.16	1	1
24 L26E 99N	4	138	12	181	1.4	72	6	2051	6.27	8	5	ND	1	24	1.0	4	2	136	.18	.148	7	160	3.41	233	.24	2	4.06	.03	.06	1	7
24 L26E 98+75N	2	220	32	145	1.6	13	3	1118	12.06	8	5	ND	5	62	.7	8	32	163	.04	.249	17	173	2.28	403	.27	4	2.66	.02	.14	1	70
24 L26E 97+50N	1	94	16	213	.7	6	6	1557	4.95	4	5	ND	1	35	.5	3	2	103	.73	.274	17	20	1.85	111	.19	4	2.17	.08	.08	1	12
24 L26E 97+25N	1	191	43	347	1.8	26	13	2238	8.16	9	5	ND	2	29	.6	5	2	76	.13	.111	8	198	3.26	257	.08	3	3.75	.01	.16	1	82
24 L26E 97N	3	136	61	189	1.7	10	3	834	10.55	16	5	ND	2	44	.3	4	2	66	.03	.193	7	59	1.07	125	.21	3	1.61	.01	.17	1	59
24 L26E 96+25N	1	83	48	544	2.2	22	13	3937	13.68	69	5	ND	1	48	.6	6	2	172	.42	.313	7	316	3.69	101	.30	5	3.95	.01	.10	1	120
24 L26E 95+25N	1	36	2	155	.1	6	7	499	2.87	2	5	ND	3	23	.4	3	2	26	.17	.061	13	12	.84	93	.01	3	1.24	.05	.09	2	3
24 L26E 95N	1	87	16	187	.9	5	5	677	6.27	22	5	ND	1	11	.4	3	18	61	.12	.130	3	31	1.27	176	.07	4	1.62	.02	.26	1	10
24 L27E 104N	1	84	9	249	.7	26	17	2141	6.22	30	5	ND	1	86	.9	4	2	109	.83	.218	11	84	3.07	509	.19	4	3.07	.02	.12	1	4
24 L27E 103N	1	61	11	226	1.1	18	17	1525	4.87	98	5	ND	1	144	.9	6	2	56	1.22	.260	10	19	2.33	18	.15	6	2.39	.01	.07	1	39
24 L27E 102N	1	167	8	251	.7	35	30	2121	6.24	47	5	ND	1	123	1.2	4	2	106	1.40	.299	5	82	3.94	131	.20	4	3.49	.03	.07	1	3
24 L27E 101N	1	102	255	203	1.0	21	13	1072	6.66	20	5	ND	2	51	.9	6	2	99	.75	.270	8	62	2.52	296	.22	5	2.75	.02	.13	1	8
24 L27E 100+75N	3	55	27	97	.6	8	7	751	3.82	14	5	ND	3	75	.4	2	11	56	.41	.140	10	22	1.27	327	.14	2	1.62	.03	.18	1	9
24 L27E 100+50N	1	212	16	171	.8	12	11	1276	7.35	3	5	ND	2	67	.9	4	2	139	.48	.259	9	33	3.24	356	.26	2	3.82	.02	.12	1	30
24 L27E 100+25N	1	64	3	117	.7	25	8	1291	3.50	7	5	ND	4	26	1.0	3	2	49	.25	.082	8	48	1.31	121	.18	2	1.57	.05	.18	1	9
24 L27E 100N	2	56	27	144	.4	7	10	1022	3.47	7	5	ND	3	26	.6	2	2	40	.52	.103	11	23	.92	276	.10	2	1.35	.03	.19	1	4
24 L27E 99+75N	1	47	7	95	.2	5	8	1100	2.85	2	5	ND	3	33	.6	2	2	33	.89	.081	12	7	.68	97	.08	2	.96	.04	.14	2	1
24 L27E 98+75N	2	166	177	416	1.5	7	5	1727	10.14	2	5	ND	3	160	1.0	5	10	250	.04	.218	14	44	3.32	181	.36	3	3.88	.01	.12	1	37
24 L27E 97+75N	3	47	24	141	.8	19	4	1419	6.83	9	5	ND	1	18	.3	4	2	60	.09	.063	5	84	1.58	77	.11	2	2.02	.01	.15	1	84
24 L27E 97+50N	41	265	24	171	.8	25	7	1257	7.45	6	5	ND	1	11	1.0	2	2	45	.06	.094	7	58	1.59	188	.16	2	2.27	.02	.21	1	46
24 L27E 97+25N	1	21	10	169	.1	5	10	1546	3.21	2	5	ND	3	46	.4	2	2	30	.49	.067	16	11	.93	155	.03	2	1.23	.07	.12	1	2
24 L27E 97N	1	59	2	13	.1	6	1	43	.33	3	5	ND	5	5	.2	2	2	2	.02	.009	26	5	.02	203	.01	3	.38	.02	.16	1	3
24 L27E 96N	1	76	8	151	.3	15	5	2071	5.10	7	5	ND	1	52	.2	2	2	135	.34	.138	3	62	2.44	104	.11	2	2.80	.08	.04	1	7
24 L28E 101N	1	49	19	207	.6	8	14	1466	4.90	13	5	ND	1	86	1.0	4	7	49	.68	.146	11	19	1.52	170	.13	4	2.01	.03	.21	1	14
24 L28E 100+75N	3	27	10	56	.3	7	5	374	4.70	12	5	ND	1	37	.3	2	2	22	.08	.057	8	14	.42	117	.07	2	.83	.04	.12	1	35
24 L28E 100+50N	1	99	19	234	.6	14	12	1830	6.41	22	5	ND	1	46	.2	4	2	83	.50	.181	6	39	2.35	83	.14	4	2.74	.02	.15	1	13
24 L28E 100+25N	1	132	4	39	.5	16	6	434	5.11	14	5	ND	1	137	.6	4	2	99	.82	.296	14	65	1.56	105	.24	2	2.13	.04	.14	1	12
24 L28E 99+75N	2	16	44	88	.5	5	3	395	2.86	17	5	ND	4	43	.4	2	6	20	.21	.109	13	7	.53	284	.11	3	1.05	.03	.22	1	7
24 L28E 99+50N	4	32	22	128	.6	5	3	819	3.67	11	5	ND	2	42	.2	4	2	22	.19	.102	9	11	.67	200	.08	5	1.29	.03	.20	2	100
STANDARD C/AU-R	19	61	39	131	7.0	73	31	1061	3.99	44	18	8	37	53	18.9	14	19	55	.51	.097	38	61	.90	181	.07	40	1.90	.07	.13	11	510

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: ROCK AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: SEP 24 1990 **DATE REPORT MAILED:** Sept 26/90. **SIGNED BY**.......... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANAI 'CAL LABORATORIES LTD. 852 E. HASTINGS ST. VA UVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(6[illegible] [illegible]-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

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P.O. Box 11604, 820 - 650 W. Georgia St., Vancouver BC V6B 4N9

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
90S-16-Q1	6	13	31	133	.1	17	7	374	6.73	19	5	ND	2	7	.6	2	2	74	.17	.031	10	36	.14	50	.02	4	5.59	.01	.01	1	9
90S-16-Q2	2	28	18	146	.2	20	7	534	5.92	23	5	ND	1	7	.2	2	2	55	.12	.058	11	32	.42	45	.02	2	2.56	.02	.02	1	9
90S-16-Q3	1	12	20	190	.3	15	6	1270	4.76	15	5	ND	1	12	.8	2	2	81	.70	.046	20	30	.24	66	.04	2	2.22	.01	.02	1	10
90S-16-Q4	2	55	21	210	1.4	10	5	4357	3.17	32	5	ND	1	27	1.5	35	3	26	1.94	.069	25	18	.19	84	.09	11	2.07	.08	.04	1	5
0S-16-Q5	4	46	20	104	.2	20	6	362	6.18	41	5	ND	1	16	.5	2	3	106	1.02	.027	8	36	.36	51	.07	2	2.21	.02	.01	1	13
0S-16-Q6	2	13	24	177	1.6	11	7	2270	5.43	12	5	ND	1	13	.9	2	4	78	.87	.058	20	20	.10	70	.09	2	2.37	.01	.01	1	9
0S-16-Q7	1	16	16	170	1.3	24	10	8151	7.44	27	5	ND	1	6	3.6	2	2	55	.31	.091	43	26	.06	118	.02	2	2.77	.01	.03	1	8
0S-16-Q8	15	27	35	279	.5	19	16	1848	10.40	82	5	ND	1	4	.3	4	2	98	.02	.088	8	44	.04	32	.02	2	.99	.01	.02	1	14
0S-16-Q9	1	2522	54	189	13.0	28	9	12303	8.93	560	5	ND	1	29	3.6	11	2	32	1.93	.098	24	51	.14	129	.01	2	.73	.01	.05	1	2240
0S-16-Q10	2	82	19	187	.4	13	5	1485	4.90	93	5	ND	1	7	.8	4	2	50	.16	.030	16	25	.18	254	.07	3	1.87	.05	.03	1	37
0S-16-Q11	3	17	14	155	.4	9	5	445	4.84	16	5	ND	1	10	.7	2	2	77	.21	.028	8	20	.13	49	.04	2	2.05	.01	.01	1	89
0S-16-Q20	2	19	5	45	.1	9	5	117	1.76	7	5	ND	1	13	.2	2	3	59	.17	.024	6	15	.14	28	.04	3	.84	.01	.03	1	26
0S-16-Q21	3	6	6	33	.2	4	2	129	1.69	2	8	ND	2	8	.2	2	3	25	.09	.025	9	10	.08	50	.15	3	.54	.10	.08	2	12
0S-16-Q24	3	52	14	81	.8	35	10	1203	5.31	10	5	ND	1	9	.4	2	2	68	.14	.366	10	82	.38	61	.05	4	2.14	.01	.03	1	19
0S-16-Q25	4	26	11	85	.8	7	8	754	8.02	3	7	ND	2	9	.6	2	2	48	.09	.607	9	15	.10	424	.02	3	2.38	.01	.02	1	4
0S-16-Q26	18	26	14	80	.7	21	5	164	4.87	33	5	ND	1	10	.2	2	2	86	.15	.075	9	41	.18	56	.07	2	1.18	.01	.02	1	6
0S-16-Q27	4	36	22	87	1.6	49	7	500	7.54	50	6	ND	2	7	.2	2	2	175	.10	.091	10	91	.26	42	.08	2	2.23	.01	.04	1	25
0S-16-Q28	22	43	32	188	.3	64	14	2701	9.34	195	5	ND	1	6	.2	2	2	147	.09	.697	7	110	.08	179	.02	3	1.22	.01	.03	1	12
0S-16-Q29	6	56	60	384	.8	10	20	2876	8.62	70	5	ND	1	4	1.3	2	2	38	.11	.127	24	10	.85	101	.01	2	2.12	.01	.02	1	14
0S-16-Q30	98	276	54	248	.7	142	28	1077	11.32	291	5	ND	1	3	.3	17	2	134	.03	.447	16	18	.05	113	.01	2	.92	.01	.02	1	8
0S-16-Q31	5	70	77	607	1.5	52	13	3297	5.19	75	5	ND	1	22	4.7	2	3	92	2.52	.186	24	48	.77	276	.03	4	2.46	.01	.05	1	16
0S-16-Q32	2	17	13	122	.1	9	3	474	1.78	10	5	ND	1	13	.9	2	2	23	.94	.122	19	13	.11	68	.05	4	.94	.03	.03	1	4
0S-16-Q40	2	40	12	52	.2	33	7	437	6.46	2	11	ND	4	11	.5	2	2	85	.18	.036	13	62	.56	35	.11	2	3.55	.01	.02	1	10
0S-16-Q41	2	11	4	26	.2	21	4	148	2.19	2	8	ND	1	6	.2	2	2	61	.08	.019	10	39	.16	50	.02	3	1.26	.01	.04	1	12
0S-16-Q42	2	6	10	14	.1	4	1	169	.95	2	5	ND	1	7	.2	2	3	45	.08	.021	6	16	.06	13	.11	4	.50	.02	.03	1	15
0S-16-Q43	1	45	12	104	.4	71	11	482	6.93	4	5	ND	3	13	.8	2	2	145	.14	.034	10	165	.61	95	.14	4	3.14	.01	.04	1	9
0S-16-Q44	1	5	8	19	.2	5	1	82	1.04	3	5	ND	1	6	.2	2	2	29	.04	.012	9	18	.05	13	.05	4	.66	.02	.03	1	93
0S-16-Q45	1	9	14	23	.1	11	2	88	1.75	3	5	ND	1	7	.2	2	2	84	.04	.017	7	36	.06	25	.13	4	.80	.01	.01	1	11
0S-16-W8	1	62	49	307	1.2	22	52	2437	7.25	1479	5	ND	2	22	1.7	4	2	76	1.83	.169	10	8	.23	154	.01	5	1.24	.03	.20	1	166
0S-16-W9	1	109	44	149	1.9	10	17	2758	7.30	5422	5	ND	1	28	1.1	6	2	37	1.05	.073	11	8	.41	181	.01	4	1.23	.02	.13	1	1930
0S-16-W10	1	76	12	75	1.6	7	16	1945	4.53	237	5	ND	1	22	.5	2	2	34	2.55	.145	7	4	.29	177	.01	7	1.30	.01	.13	1	90
0S-26-W1	1	97	5	67	.2	292	29	1030	4.67	31	5	ND	1	16	.4	2	2	65	.38	.066	11	421	2.99	298	.08	10	2.00	.02	.06	1	5
0-L25-F05	1	82	17	96	.4	20	14	663	4.66	21	5	ND	2	212	.8	2	2	60	4.20	.136	14	20	.93	131	.01	7	1.45	.02	.09	1	9
0-L25-F06	1	43	5	46	.2	43	12	385	8.29	11	5	ND	8	28	.7	2	2	190	.55	.080	20	49	.86	70	.06	2	.86	.02	.04	1	24
0-L25-F07	1	101	6	70	.3	260	25	912	4.53	32	5	ND	1	50	.8	2	2	96	.97	.076	6	184	3.21	115	.08	11	2.29	.03	.08	1	10
0-L25-F08	1	40	5	52	.3	10	8	371	2.88	2	7	ND	8	37	.4	2	2	55	.71	.090	16	14	.67	98	.10	3	1.00	.04	.11	2	6
TANDARD C/AU-S	17	57	36	133	7.2	70	31	1036	4.01	39	25	7	37	52	18.5	15	19	56	.51	.094	37	57	.92	180	.07	35	1.91	.06	.14	13	49

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1-P2 Soil P3 Moss Mat P4-P5 Rock AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE.

DATE RECEIVED: JUN 26 1990 DATE REPORT MAILED: June 28/90. SIGNED BY C. Leong ....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au* ppb
90-L25-F09	1	61	7	52	.1	37	14	622	3.46	12	5	ND	4	43	.4	2	2	53	.68	.074	27	62	1.00	77	.07	5	1.50	.02	.04	1	5
90-L25-F10	1	76	5	53	.3	495	42	515	4.51	11	5	ND	1	36	.2	2	2	78	.50	.044	3	789	5.85	182	.05	18	1.90	.01	.06	1	4
90-L25-F11	1	74	11	68	.3	457	40	742	5.17	12	5	ND	1	63	.3	2	2	81	1.34	.051	5	768	5.98	195	.06	23	2.14	.02	.14	1	1
90-L25-F12	1	64	11	102	.4	412	24	1116	4.98	22	5	ND	1	65	.2	3	2	67	.98	.113	12	372	1.92	364	.02	11	1.44	.01	.06	1	9
90-L26-F01	1	26	5	31	.3	5	8	276	4.49	4	5	ND	7	28	.2	2	2	100	.57	.075	16	20	.44	52	.07	6	.69	.03	.06	1	29
90-L26-F02	1	32	6	58	.4	7	8	609	3.14	6	6	ND	8	46	.2	2	2	48	1.08	.091	14	11	.77	140	.08	2	1.22	.05	.13	1	5
90-L26-F03	1	47	25	173	.4	30	12	731	3.51	32	5	ND	6	60	1.3	2	2	69	1.69	.089	12	39	1.33	128	.05	5	1.66	.04	.08	1	4
90-L26-F04	2	364	53	198	1.1	32	33	1747	7.58	25	5	ND	1	60	2.0	4	2	85	1.31	.110	9	32	1.76	144	.01	5	2.12	.01	.07	1	27
90-L26-F13	1	61	3	42	.3	450	34	390	5.26	16	5	ND	1	41	.4	2	2	96	.64	.049	2	638	4.86	84	.09	5	2.18	.03	.13	1	7
90-L26-F14	1	72	13	76	.4	273	26	595	4.63	26	5	ND	2	33	.5	2	2	73	.71	.077	4	211	3.79	84	.11	12	1.69	.07	.11	1	5
90-L26-F15	2	97	13	72	.3	332	31	543	4.79	40	5	ND	1	45	.8	2	2	82	.93	.076	4	444	3.25	87	.08	7	1.76	.03	.10	1	15
90-L26-F16	1	157	12	83	.2	35	20	905	4.81	18	5	ND	1	64	.5	2	2	89	1.07	.106	4	48	2.07	39	.15	5	2.39	.05	.04	1	6
90-L26-F17	1	67	2	33	.3	18	13	338	5.18	2	5	ND	1	50	.2	2	2	100	.83	.072	2	36	.94	55	.16	2	1.28	.04	.13	1	12
90-L16-W10	1	110	15	582	.8	139	18	1641	4.69	32	5	ND	1	32	4.1	3	2	62	1.75	.123	11	118	1.66	221	.05	5	1.87	.02	.06	1	16
90-L16-W11	1	74	6	123	.3	754	56	716	5.07	16	5	ND	1	56	1.2	2	2	73	1.12	.043	3	208	10.40	70	.07	8	3.29	.01	.11	1	7
90-L16-W12	1	74	4	33	.1	670	46	531	5.83	8	5	ND	1	120	1.0	2	2	92	1.20	.043	2	376	9.05	168	.07	9	2.80	.03	.20	1	5
90-L25-W2	1	109	35	151	.5	22	20	946	5.76	102	5	ND	3	88	.7	2	2	79	1.03	.144	16	17	.92	251	.01	6	1.62	.02	.10	1	10
90-L25-W3	1	92	22	109	.4	16	16	743	4.92	35	5	ND	2	138	.5	2	2	66	3.38	.143	15	15	.91	143	.02	4	1.49	.02	.09	1	5
90-L25-W4	5	195	29	105	.8	176	32	625	8.48	176	5	ND	3	39	2.0	10	4	127	.60	.111	6	214	2.17	132	.11	2	1.64	.04	.15	1	43
90-L25-W5	1	145	8	101	.3	270	36	898	5.57	21	5	ND	2	76	.7	2	2	92	1.06	.073	6	223	3.87	127	.09	3	2.75	.06	.10	1	10
90-L25-W6	1	68	4	42	.2	414	35	766	5.76	8	5	ND	2	39	.4	2	2	97	.57	.053	3	682	4.88	123	.06	12	1.80	.02	.05	1	1
90-L25-W7	1	72	4	63	.2	463	32	590	4.77	11	5	ND	1	76	.2	2	2	82	.89	.065	6	861	3.89	177	.06	15	1.78	.02	.07	1	4
90-L25-W8	1	74	2	58	.3	400	34	640	5.03	14	5	ND	2	43	.3	2	2	86	.66	.070	5	621	4.80	118	.07	20	2.17	.02	.08	1	11
90-L26-W1	2	113	8	80	.4	12	17	1051	4.17	15	7	ND	8	53	.2	4	2	54	.91	.085	21	15	.76	258	.02	6	1.04	.02	.11	1	7
90-L26-W9	1	102	37	133	.9	21	17	1088	4.39	54	8	ND	4	51	1.5	3	2	82	.89	.095	12	42	1.20	99	.07	5	1.68	.04	.11	1	17
90-L26-W10	1	107	13	96	.3	22	19	1156	4.73	23	5	ND	2	46	.5	3	2	77	.77	.098	8	43	1.60	81	.07	5	1.83	.02	.05	2	19
90-L26-W11	1	30	2	18	.1	140	12	239	2.39	10	5	ND	4	24	.2	2	2	42	.48	.030	10	224	1.69	44	.05	3	.65	.02	.06	1	2
90-L26-W12	1	94	2	61	.2	203	25	784	4.40	16	5	ND	1	82	.5	2	2	65	3.80	.078	4	126	3.43	64	.07	2	2.07	.01	.04	1	18
90-L16-Q1	2	74	7	213	.5	119	17	1942	4.17	21	5	ND	1	61	1.7	2	2	55	2.84	.122	14	85	2.00	147	.05	4	2.12	.02	.05	1	21
STANDARD C/AU-S	18	57	38	133	7.3	69	31	1027	4.05	40	21	7	38	52	18.4	16	18	56	.51	.094	37	57	.93	181	.07	32	1.93	.06	.14	13	51

APPENDIX III.

ROCK SAMPLE DESCRIPTIONS

Note 1. Cu, Ag, Pb, Zn analyses are reported in parts per million
Au analyses are reported in parts per billion.

Note 2. Samples were prepared and analysed by Acme Analytical Laboratories Ltd., Vancouver, B. C.

Note 3. Sample Number Code -

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              90G - 25 - K01
             /  /     \     \ \
         1990 /    Yehiniko\ \
              /      project \ \sample reference no.
      G = grab sample         \
      C = chip sample     sample taken by
      L = silt sample     K = Kushner
      F = float sample    F = Faragher
                          S = Ostensoe
                          W = Wilkins
                          X = Basil
                          R = Ridley, D.
                          C = Ridley, C.
                          Q = McLellan
```

CO... MU... AIN ...LU...AL L...

ROCK SAMPLE SHEET

F.I. = fracture index

Sampler BK

Date 19.09.90

Property YEHINIKO (25)

NTS

SAMPLE NO.	Sample Width	DESCRIPTION: Rock Type	DESCRIPTION: Alteration	DESCRIPTION: Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS: Cu	ASSAYS: Au	ASSAYS: Ag	ASSAYS: Pb	ASSAYS: Zn
90G.25.K01	15cm	qtz/carb	sl. lim chl	1% cpy. tr. Mal	located in 50 cm shear zone @ 110/30 S at least 35m long in volcaniclastics	1093	21	1.0	4	46
G K02	1m	qtz/carb	chl	3% cpy tr-1% py. tr. Mal, Hem	FI 5	4442	4/2ac	4.3	4	13
G K03	.15m	qtz/carb	Mal.	1% cpy, tr. py, tr. Mal	along fracture @ 45/62 NW	2464	1660	.5	2	4
G K04	.5m	tuff.	sil, lim	Up to 15% Cpy, py, gal? Sphal?	Pod 1.5m x 20 cm F.I 3.5	42	54	.5	7	27
G K05	.1m	tuff.	sl. lim	1% cpy, tr. py	F.I 2	1407	730	.4	2	8
G K06	.5m	calc-qtz vein	Hem, Ser, lim Mariposite	tr. py	In lithic tuff shear F.I 1. Extremely MnO2 stained	197	17	.8	7	39
G K07	1m	calc/qtz vein	Mar, chl, ser, Hem	no vis mnlz^n	In 1m wide shear in lithic tuff	6	3	.3	2	29
G K08	.5m	tuff	Ser, chl extr. Sil	Mal, Born blebs up to .5cm	FI 2 located .5m away from 1m wide mafic dyke @ 92/89 S	53c8	22	6.2	2	85
G K09	.5m	Volc flow	extr chl, tr. ep. lim	tr. Mal	very fine grained	1881	13	1.7	4	83
G K10	.3m	f.g. dio dyke	chl-ep	Mal stains		4850	12	2.2	2	90
G K12	.15m	qtz/carb vein	extr. lim	Mal, 3% cpy, 1% py 10% vfg black mnlz^n	V.G. Vein @ 135/22E in FI 4.5 flow. Rock is very heavy	2009	515/0	397.2	6	27244
C K13	.5m	In volc flows	lim	Mal + MnO2 stains	1m wide shear zone 50m long @ 103/47 E with calcite vein thru middle.	2344	86	1.3	2	156
C K14	1m	In volc flow	lim	Mal, Az, MnO2, Py, stains - intense cpy	In same vein as K13 Up to 15% cpy	2280	200	38.2	5	217
G K15	.5m	volc flow	Extr. chl Extr. lim	no vis mnlz^n	sheared area below dyke, opposite K14	178	760	5.2	2	322
G K16	.5m	v.f.g xlline flow	chl-ep-ser lim, hem	1-2% py	FI 5. Main shear direction 46/75 S	4369	2420	7.0	2	238

C-CHIP G-GRAB F-FLOAT

ROCK SAMPLE SHEET

Sampler: EK

Date: 19-20, 09, 90

Property: YEHINIKO (25)

NTS: ______

SAMPLE NO.	Sample Width	DESCRIPTION: Rock Type	Alteration	Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS: Cu	Au	Ag	Pb	Zn
90G ~~25~~ K17		volc flow	lim, chl, ser sil	1% v.f.g cpy & py	Fault can be traced over 200 m	13113	220	4.4	3	94
G·K18		volc flow	chl-ser lim	Mal, MnO2 stains 3% f.g. py & cpy	Located just below qtz vein (sample C·K19)	6073	540	2.5	8	83
C·K19	20cm	qtz vein	lim	3% vfg cpy & py	Qtz vein pinches and swells from 5-50 cm	1185	3620	1.9	45	14
C·K20	20cm	sheared volc flow	lim, sil	Up to 50% cpy	K18, K20 & K21 from same shear zone running @ 169/71E	4236	360	27.1	13	95
G·K21		sheared volc flow	sil	3% cpy	located 10m from K20, in basically unaltered volcanics	1321	38	1.0	2	73
C·K25	.15m	Sheared And flow	X-lim Mal stains	3% cpy, py 7% sphal 5%?	K25-28 & K31 from shear at 17/20 NE Qtz vein w/ mnlzn for 5m along shear.	3482	43358	264.1	5	46525
C·K26	.30m	"	"	"	shear varies from 17/20E to 15/35E and can be traced at least 35 m along cliff	1522	19640	74.1	5	12622
C·K27	.50m	"	"	"	Sampled across K12, includes 10cm of wall rock on either side of mnlzd zone.	2804	26860	135.4	4	20022
C·K28	.40m	"	X-lim	no vis. mnlzn	Rock is extremely altered. frothy texture. No original texture, mnls remain	2046	13184	562.1	25	40090
C·K29	1m	And xtl tuff/flow	sl. lim chl-ser-ep	3% py spotty Mal	Chip below mnlzd zone starting where K27 ended.	1398	5810	26.1	10	9797
C·K30	1m	And flow + tuff	sl. lim mod. Mal	1% fine py, cpy	4m below showing - unrelated to showing. Fractures @ 145/45 NW, 107/55 NE, FF 3.5	993	1290	6.8	8	2381
C·K31	.20m	gouge.	chl.	no vis mnlzn	Unmnlzd, located 2 m. from showing in same fracture.	607	450	2.5	3	726
F·K32		qtz vein	sl. lim	5% cpy	Cpy is between spaces in euhedral qtz xtls	7391	320	1.8	2	38
F·K33		qtz vein	sl. lim	1% cpy	Same mnlzn style as K32.	1789	2540	2.0	3	67
C·K34		And flow	qtz-ser chl, feld. lim	15% py	lim shear zone @ 17/37E - related to showing?	51	220	1.2	2	197

C-CHIP G-GRAB F-FLOAT

ROCK SAMPLE SHEET

Sampler: BK
Date:

Property: YEHENIKO (25)

NTS:

SAMPLE NO.	Sample Width	DESCRIPTION: Rock Type	Alteration	Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS: Cu	Au	Ag	Pb	Zn
C·K35	.25m	And flow breccia	X-lim	no vis mnlzn	Extremely altered fault breccia from fault @ 171/75E	4890	580	99.4	16	103
C·K36	1m	And flow	X-lim	1% py, cpy	Spotty Mal, Az in area below K35	1913	11	1.3	12	179
C·K37	.3m	And flow	X-lim	3% cpy 7-10% py	Spotty Mal stains. Same structure as K35, but 10m SW, on other side of creek	3486	130	6.4	7	184
F·K38		qtz/carb vein	sl. Mal	3% Bornite	Mostly carbonate.	3208	150	3.7	2	10
F·K39		qtz vein	sl. lim	5% cpy	Cpy infill between qtz xtls	10261	14	1.2	6	86
F- K40						700	4	2.1	2710	954

C-CHIP G-GRAB F-FLOAT

ROCK SAMPLE SHEET

Sampler ERIK O.
Date SEPT.'90.
Property Yehiniko #25
NTS 104G-11

SAMPLE NO.	Sample Width	DESCRIPTION Rock Type	Alteration	Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS Cu	Au	Ag	Pb	Zn
90C-25-S1	0.6m	Mafic Volcanics	Q.Vlt stkwk	1cm QVs Chloritiz'n	50% VQ. L99N, 100+20E, 5690ft	117	11	.2	2	9
90F-25-S2	Fl.	sh'd chl.volc.			W of W Yehiniko Cr. 4100ft.	269	5	.5	2	13
90C-25-S3	40cm	Sh'd volc		xlline pyrite	Volc + VQ	245	9	.1	2	31
90C-25-S4	15cm	Volc	Q-py	Pyrite (cpy)	White vein qtz. Leached Mal.	114	23	.2	9	1
90C-25-S5	45cm	Mafic volc		Q-py	Coarsely xlline py in mafic volc	37	9	.1	8	6
90C-25-S6	9cm	Volc.	Pyrite Sericite	Q-py	Lowest exposure Q Py zone alt. 3990'	6	10	.2	2	1

C-CHIP G-GRAB F-FLOAT

ROCK SAMPLE SHEET

Sampler C. J. RIDLEY
Date SEPT. 8/90
Property YENIWIKO #25
NTS ______

SAMPLE NO.	Sample Width	DESCRIPTION: Rock Type	DESCRIPTION: Alteration	DESCRIPTION: Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS: Cu	ASSAYS: Pb	ASSAYS: Zn	ASSAYS: Ag	ASSAYS: Au
90F-25-C124	-	Qtz. Calcite	-	minor Py	1740 m. elev:	26	4	7	.1	6
90F-25-C125	-	mafic intrusive	-	malachite Py < 2% CPy < 1%	1750 m. elev:	121	3	43	.1	17
90C-25-C126	m. 2.5	mafic intr	calcite	Py < 2% CPy < 2% malachite hematite	1750 m. elev. C126 - C127 are chip samples of the showings; which are ≥ 10 m in length: width undetermined					
90C-25-C127	m. 2.5	mafic intr	calcite	"	mineralization appears to be steady throughout the width sampled	7932	2	49	1.8	880
90C-25-C128	m. 2.5	mafic intr	calcite	"		16728	2	31	2.7	1260
90G-25-C129	15cm.	calcite vein		> 3% CPy + Py malachite trace bornite	1750 m elev: high grade grab of 15cm. highly mineralized area above C128.					
90F-25-C140	—	mafic intrusive	-	75% Pyrrh > 2% Py	1710 m elev: sample later found to be on cliffs above	294	3	9	.1	2
90G-25-C141		listwanite	mariposite malachite siderite trace CPy		1705m. elev: 2m. w of R185. oc of listwanite	101	3	30	.1	13
90F-25-C142	-	volcanic breccia	calcite chlorite	minor Py + CPy	1615 m. elev	42	118	211	.8	7

C-CHIP G-GRAB F-FLOAT

ROCK SAMPLE SHEET

Page 1

Sampler D. Ridley
Date Sept 8/90
Property Yehiniko #25
NTS

SAMPLE NO.	Sample Width	DESCRIPTION: Rock Type	Alteration	Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS: Cu	Pb	Zn	Ag	Au
90G25R179	2m	altered intrusive	chlorite-carb-ep K-spar(?)	py 1-2% disem + stringers	5780'	311	5	61	.2	17
90G25R180	1.7m	hornblende porphyry dyke	chlorite carbonate	py 3-5% cp >1% malachite	5620': carbonate veinlets in aphanitic andesite(?) cutoff by dyke.	4970	4	180	62	.70
90F25R181	F	qtz vein?	limonite	minor tetrahedrite? malachite stain	5520': very angular: qtz is sugary	205	320	63	2.7	11
90G25R182	1.5m	altered volcanic	silica carbonate	minor py 1-2%	5650': H orange-brown gossan.	140	2	21	.2	81
90G25R183	1m	listwanite	carbonate silica mariposite	minor py > 1%	@ R182 sample site	45	2	40	.1	4
90G25R184	25cm	qtz carbonate vein	"	1% mixed py-cp malachite	section in listwanite R183: 2m northerly	1033	2	17	.7	3
90G25R185	1.5m	fault zone	carb-qtz filled	1% py-cp minor malachite	022/90: near R183+184	656	3	61	.5	3
90F25R186	F	as 182	carb-qtz	up to 5% py-cp abundant malachite	weathered slab from o/c: needs blasting to determine true nature (width min. 40cm)	7832	5	40	5.3	12
90F25R207	F	qtz vein	—	>1% chalco malachite	L84+50N: 99+15E	1450	6	8	.6	590
90F25R208	F	mafic volcanic	chlorite	up to 5% cp-py malachite	5300'; on rubble pile: abundant where found: possible subcrop.	11345	2	41	3.9	530
90F25R209	F	andesite	carbonate chlorite	3-5% pyrrh-cp	5440': possible subcrop	6061	2	65	5.0	30
90G25R210	40cm	hornbl porphy diorite	—	>1% cp	5600': 110°/70NE	695	2	46	0.8	190
90G25R211	40cm	"	carbonate	up to 3% chalco in some parts.	qtz stringers: ≈ 35m S of R210	6793	2	35	3.7	150
90G25R212	70cm	altered diorite	chlorite silica	1-3% disem cp malachite	2-10cm wide qtz veins coming together strike 130° + 150° 5500'	2007	3	25	1.2	6
90G25R213	35cm	qtz vein	—	up to 3% cp	5580'	3704	2	24	2.4	6

C-CHIP G-GRAB F-FLOAT

ROCK SAMPLE SHEET

Page 2

Sampler D. Ridley
Date Sept 22 /90
Property Yehiniko #25
NTS ______

SAMPLE NO.	Sample Width	DESCRIPTION: Rock Type	Alteration	Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS: Cu	Pb	Zn	Ag	Au
90G25R214	45cm	qtz vein	chlorite	1-2% cp	125/80NE: 5550'	131	3	56	.1	12
90F25R215	F	qtz breccia vein	—	up to 3% cp	5540': 1×2.5 m float block.	3897	2	68	1.6	11
90F25R216	F	mafic volcanic	—	up to 15% py minor magnetite	5460'	998	15	59	1.4	2
90G25R217	50cm	qtz breccia vein	chlorite	1% py-cp	160/85NE: 5440'	712	2	40	.4	86
90F25R218	F	breccia	carbonate	up to 5% cp	5370'	14275	2	90	7.2	1940
90G25R219	30cm	qtz vein	—	up to 20% py	3300'	13	4	20	.5	13
90F25R220	F	altered volcanic	epidote pyrite	minor cp malachite	3340'	5454	5	15	2.5	160
90F25R223	F	" "	carbonate chlorite	up to 5% euhedral pyrite	angular float on talus: 3180'	23	17	75	.3	19
90F25R224	F	qtz vein	limonite	up to 5% cp minor py (>1%) malachite	min. width 30cm: angular float 3260'	7427	10	24	1.6	710
90G25R225	50cm	" "	pyrite chlorite mafic volc. limonite	py up to 7% boxwork open spaces filled with limonite	highly oxidized. 3260'; 080/90	2008	67	347	26.6	2390
90G25R226	40cm	f grain tuff(?)	epidote	up to 2% cp 1% py malachite	approx. strike 160° dip E. can be traced for 25m then overburdened upslope: 3340' shear zone	7253	2	106	6.2	24
90G25R227	1.5m	dk green mafic volcanic	epidote	stockwork veinlets + stringers of cp ± py: epidote veinlets.	visible over ± 6×10 m area: 3400	2418	2	61	1.8	130
90G25R228	1.3m	mafic volcanics	Kspar epidote	cp up to 3%:	150°/90 may be same shear as R226. ±15 m N of R227: may be intrusive dyke?	18369	26	61	4.6	510

C-CHIP G-GRAB F-FLOAT

ROCK SAMPLE SHEET

(1)

Sampler TODD FARAGHER

Date AUG-SEPT '90 Property YEHINIKO #25 NTS 104G/11

SAMPLE NO.	Sample Width	DESCRIPTION: Rock Type	Alteration	Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS: Cu	Pb	Zn	Ag	Au
90G 25-F05	.3m	diorite	–	cpy + py (2%)	min along shear surface 170° / 72 W	7656	2	29	4.7	410
90G 25-F06	.5m	diorite	epidote	cpy (3-5%)	calcite, coarse grained diorite	76997	14	23	23.4	4220
90G 25-F08	1m	siltstone	–	diss py 1%		103	16	56	.5	4
90F 25-F09	F	felsic intrusive	calcareous clay alter.	py 1% tr cpy	angular float	1841	2	112	.6	720
90G 25-F10	.5m	calcite vein	–	cpy clots 2%	minor qtz, @ 22/62°E along shear	32306	5	1	6.4	480
90G 25-F11	.5m	qtz vein	–	tr cpy + py	@ 54/50 SE + malachite	3976	3	7	.7	7
90G 25-F12	1m	augite porphyry volcanic	siliceous	cpy + py	broken + sheared @ 122/62N + 28/80 E	7301	6	45	.9	78
90G 25-F13	.5m	qtz vein	–	cpy + py		10375	20	24	7.8	24600
90-C25-F14	10cm	qtz vein	hosted in sediments	cpy clots	@ 96/56 N	5508	126	78	3.0	29[illegible]
90-G25-F15	.5m	siltstone	calcareous	cpy clots	bedding 144/86 S	2642	1326	57559	4.5	33
90-G25-F16	.5m	volcanic	chl + ep	pervasive cpy <1%		968	5	45	.5	230
90-G25-F17	.5m	volcanic	chloritic	pervasive cpy <1%	including small qtz vein 68/50S	4317	18	136	3.7	71

C-CHIP G-GRAB F-FLOAT

[illegible] SAMPLE SHEET

Sampler Jamie McLellan

Date

Property Yehinko

NTS

SAMPLE NO.	Sample Width	DESCRIPTION Rock Type	Alteration	Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS Cu	Au	Ag	Pb	Zn
90G-25-Q10	2m	Volcanic	epidote	malachite py, cpy		12664	5170	14.2	25	130
Q11	20cm	Volcanic	epidote	malachite py, cpy		19512	3030	14.3	136	72
Q12	50cm	Volcanic	epidote	py, cpy		19935	890	12.1	57	126
Q13	30cm	Qtz Brct.	epidote	py, cpy		1592	31	13	9	24
Q14	50 cm	Volcanic	epidote	py.	Pyrite in pods with epidote and Qtz Halos	190	120	.4	6	117
Q15	50cm	Qtz Brct.	epidote	malachite py, cpy		16541	620	19.4	109	420
Q16	30cm	Qtz Brct.	epidote	py, cpy		1753	69	1.9	8	20
Q17	20cm	Qtz Brct.	epidote	py, cpy, galena		8464	69	11.3	2652	8604
Q20	30cm	Qtz.	Kaspar epidote	cpy, malachite	Massive cpy in q. pods	99999	1130	103.1	43	2076

C-CHIP G-GRAB F-FLOAT

DCR SAMPLE SHEET

Sampler C. BASIL
Date SEPT '90
Property YEHINIKO #25
NTS ____

SAMPLE NO.	Sample Width	Rock Type	Alteration	Mineralization	ADDITIONAL OBSERVATIONS	Cu	Ag	Pb	Zn	Au
90G 25-X01	2m²	hornfeld porphyry	py, chlorite	dissem py	10 to 20m² Gossan on upper eastern face of cliff	184	.2	2	29	1
90G 25-X02	2m²	"	"	"	20 meters west along extension of gossan (sample X01)	209	.2	3	21	7
90G 25-X03	0.5m²	"	py	py	in shear zone 296° /vert dip	228	.4	6	52	9
90G 25-X04	0.1m	"	clay	py	100° /vert dip fault 1300m elev gouge w/qtz stringers w/purple clay alter.	8	.1	2	13	2
90G 25-X10	0.6m²	volc.	chlorite	py 1-3%	sheared volc. 1150m elev	45	.1	2	92	16
90G 25-X11	0.5m²	volc.	siliceous	py	1180 m elev on cliff top (NORTH SIDE OF CREEK) - gossanous + sheared	494	.4	2	58	8
90G 25-X12	1m²	volc.	chlorite epidote	tr py	1200 m elev - next creek to north of X11 (Shale contact 1220m elev)	21	.1	2	104	1
90F 25-X13	F	volc	chlorite	py, sphal	1120 m elev - carbonate veinlets	90	1.1	2677	19827	1350
90G 25-X14	.3m	volc	limonite	py 5-15%	1090 m elev on south facing cliffs above creek in shear	48	.3	11	206	480
90G 25-X15	.3m	volc.	limonite	py 5-15%	1085m elev - just below X14 shear - 72° /vert dip	46	.3	16	232	480
90G 25-X16	.25m	volc.	chlorite epidote	mal, py, cpy	carbonate veinlets - dissem mal 1075m elev. -below X15	1270	3.8	10	78	53
90G 25-X17	F	qtz.		py	rose qtz 1040 m elev.	391	.4	2	35	51

C-CHIP G-GRAB F-FLOAT

ROCK SAMPLE SHEET

Sampler Andrew Wilkins
Date 8 SEP/90

Property YEHENIKO #25

NTS 104G/11

SAMPLE NO.	Sample Width	DESCRIPTION: Rock Type	Alteration	Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS: Cu	Au	Ag	Pb	Zn
90G-25-W5	G	QZ VN in ANDS.	QZ vn.	PY-CP.	white euhedral QZ vn w dis PY-CP - 3cm wide 155/65E.	1255	10	1.3	5	152
90G-25-W10	G	QZ-CB VN.	QZ-CB	CP-PY-MA	QZ-CB vn w CP-PR-MA - 1cm wide in ANDS volcanics. 025/20 SE.	6058	190	1.4	8	47
90G-25-W11	G	QZ-CB VN	QZ-CB-CL	CP.	Subcrop of 10cm wide, banded and comb textured QZ-CA-SD-CL vn w CP blebs throughout	270	380	.2	3	7
90C-25-W12	80cm	ANDS.	QZ-GY-CB pervasive + vns	HM.	2m. wide alt'n zone around QZ-CB vns up to 10cm wide. Alt'n consists of SD with a core of Gypsum + QZ that is 50cm wide. The zone is bleached white with HM. 068/82N	48	59	.4	6	183
90G-25-W13	G	QZ vns in ANDS	QZ-HM	MA: PY-CP.	Banded fine grained vn w bands of QZ, HM stained QZ and red HM, siliceous alt'n w dis PY-CP lots of MA staining. 050/58NW	1031	41	10.5	6	154
90G-25-W14	G	QZ vns in ANDS	QZ... bleached.	MA	Bleached, purple alt'n zone w banded QZ vns, MA staining - 80cm wide 075/75S	21	1630	.4	5	41
90F-25-W15	F.	ANDS	QZ-CB	~~dis~~	Bleached QZ alt'n ~~of~~ ANDS w some CB vns and finely dis. silver mineral.	1380	15	13.9	4	287
90C-25-W16	30cm	QZ-CB vn in ANDS	QZ-CB vn	Fine dis SX	60cm wide QZ vn in major shear gully. W16 is comb textured euhedral	7	22	.1	2	119
90C-25-W17	30cm	QZ vn in ANDS	QZ vn	"	QZ xtals w some CB alt'n and finely dis sulphide. W17 is more massive white and honey coloured quartz, both euhedral and chalcedonic-banded. 055/85 NW.	12	87	.2	6	16

C-CHIP G-GRAB F-FLOAT

ROCK SAMPLE SHEET

Sampler: Andrew Wilkins
Date: Sep/90
Property: Yeheniko #25
NTS: 104G/11

SAMPLE NO.	Sample Width	DESCRIPTION: Rock Type	DESCRIPTION: Alteration	DESCRIPTION: Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS: Cu	ASSAYS: Au	ASSAYS: Ag	ASSAYS: Pb	ASSAYS: Zn
90G-25-W18	G	XTAL TUFF	CB-MN.	HM-BØ-MA	Altered xtal tuff w euhedral CA vns and brxx in HM and BØ mineralization MA-MN staining. CL-EP altn of volcanics broken up and sheared. 025/86NW 175/55E 092/43N.	1627	62	1.6	11	141
90F-25-W19	G	QZ-CB vns in ANDS	EP-QZ-CB CL-Maraposite		Vuggy and layered QZ-CB vning gossanous SD, CL-Maraposite altn around vns EP altn	61	11	.4	5	175
90F-25-W20	F	QZ-CB vn in ANDS	QZ-CB	HM.	Gossanous, sugary textured QZ-CB vning w minor silver grey sulphide 120/65	4	1	.2	2	42
90C-25-W21	35cm	ANDS.	CL-CA pervasive	PY-CP	Intense CL-CA altn of volcanics w dis PY-CP. lots of MN staining 120/80NE	7090	260	39.2	9	182
90G-25-W22	G	"	"	"	" High grade.	9249	430	53.6	4	357
90G-25-W23	G	"	"	"	As above 100/54N.	26299	160	861	11	372
90G-25-W24	G	ANDS	EP-CL-CA	CP.	CP blebs in EP-CL-CA altered volcanic CA in micro vns w CP. Clots of EP-CL pervaisive altn Zone is 10m long 20-150cm wide.	19874	710	7.4	2	74
90G-25-W25	G	"	"	"	" Same Zone.	23377	450	8.9	2	5
90C-25-W26	60cm	"	"	"	Chip sample of above zone 140/35NE	10276	230	3.0	5	141
90G-25-W27	G	QZ vn in ANDS	QZ vn.	PY-CP-MA.	Sugary textured QZ vn w blebs of PY-CP, minor CB. Vn is 10cm wide and is banded and MA stained. Below vn for 1m. is bleached CL-PY-MS altered volc. 178/45E.	2512	20400	3.1	29	9

C-CHIP G-GRAB F-FLOAT

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ROCK SAMPLE SHEET

Sampler *Andrew Wilkins*
Date *Sep/90*

Property *Yeheniko #25*

NTS *104G/11*

SAMPLE NO.	Sample Width	DESCRIPTION: Rock Type	Alteration	Mineralization	ADDITIONAL OBSERVATIONS	ASSAYS: Cu	Au	Ag	Pb	Zn
90G-25-W28	G	ANDS.	QZ-EP-CL MS	PY minor MA	QZ-EP-CL-PY-MS alt'n, gossanous and bleached ANDS volcanics w 20% dis PY, enveloped by EP-CL-PY. Minor MA on some fractures - Zone is 1m. wide 148/80NE	326	3	.5	3	71
90G-25-W29	G	"	"	" "	Same as above - 5m. wide 145/80NE	41	42	.1	2	52
90G-25-W30	G	QZ vn in ANDS	CL-MS-QZ	PY-CP	5 cm. wide, white & green mottled QZ vn w minor PY, CP. Surrounding vn is 30 cm. of intense CL-MS-QZ alt'n w micro QZ vns and dis PY-CP - HM staining along ~~fra~~ fractures. Vn is traceable for 2m. 045/75SE.	213	19	.1	13	32
90F-25-W31	F	QZ vn in ANDS	QZ vn QZ-CB	CP-PY-GL	Gossanous, silvery white QZ vn w 5% CP, 2% PY and minor GL. Vn is 20 to 30 cm wide and is believed to be subcrop. QZ-PY-CB alt'n in surrounding volcanics.	14897	11730	9.5	377	28
90C-25-W32	30cm	Augite PØ	KF-EP-QZ.	PY-CP-MA	Shear zone within ~~med~~ Augite porphyry KF-EP-QZ alt'n loaded w PY-CP-MA	22293	1400	36.6	13	97
90G-25-W33	G	QZ vns in ANDS	QZ.	CP	// QZ vns loaded w CP (1-5%). Vns vary from 2cm to 30cm 005/80W	16919	32	1.0	3	1
90C-25-W34	1m.	ANDS.	QZ-MS-PY	PY.	QZ-MS-PY alt'n of volcanics, v. gossanous shear zone 1-2m. wide 165/80E.	83	64	3.2	181	275

C-CHIP G-GRAB F-FLOAT

APPENDIX IV

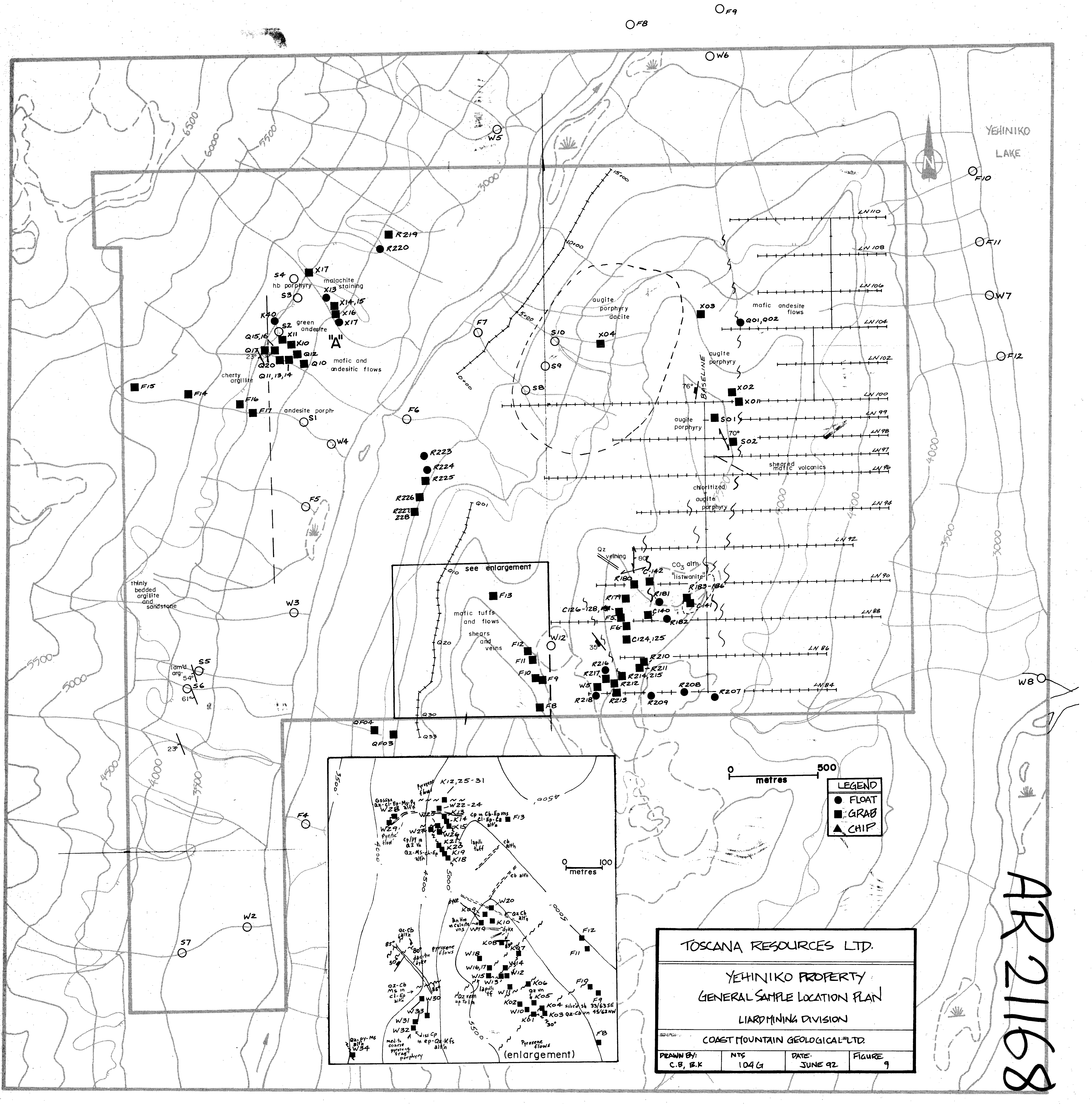
STATEMENT OF EXPENDITURES

STATEMENT OF EXPENDITURES

PROJECT PREP		1147.33
MOB/DEMOB		6500.00
PERSONNEL		19,990.00
Chief Geologist (E. Ostensoe) 14.5 days @ 400/day	5800.00	
Geologist (A. Wilkins) 3.5 days @ 325/day	1137.50	
Geologist (W. Kushner) 7.5 days @ 250/day	1875.00	
Climbing Geologist (A. Wilkins) 3 days @ 425/day	1275.00	
Climbing Geologist (W. Kushner) 3 days @ 350/day	1050.00	
Supervisor (J. Marr) 2 days @ 325/day	650.00	
Prospector (D. Ridley) 12.5 days @ 235/day	2937.50	
Prospector (K. Ridley) 7 days @ 235/day	1645.00	
Prospector (C. Basil) 2 days @ 135/day	470.00	
Sampler (F. Thrane) 12 days @ 225/day	2700.00	
Sampler (J. McClennen) 2 days @ 225/day	450.00	
HELICOPTER 22.2 hrs @ 700/hr		15,540.00
CAMP CHARGES		9131.25
Crew 69 days @ 125/day	8625.00	
Pilot (30% pro rata) 13.5 days @ 125/day	506.25	
COMMUNICATIONS 69 days @ 15/day		1035.00
HAND HELD RADIOS 45 days @ 5/day		225.00
FIELD GEAR CONSUMABLES		428.75
FIELD GEAR RENTAL 55.5 days @ 5/day		277.50
CLIMBING GEAR RENTAL 6 days @ 20/day		120.00
FREIGHT 1681 lbs @ .98/lb	1647.38	2684.74
1681 lbs @ .56/lb	941.36	
48 kg @ 2/kg	96.00	
EXPEDITING		375.00
MAPS and DRAUGHTING		682.99

Statement of Expenditures (cont'd)

SAMPLE ANALYSIS		9437.00
142 rocks @ 10.15/sample	1441.30	
926 soils @ 8.20/sample	7593.20	
25 silts @ 8.20/sample	205.00	
15 Au fire-assays @ 8.50/assay	127.50	
7 platinum group assays @ 10/assay	70.00	
MAGNETOMETER SURVEY 4.5 km @ 100/km		450.00
REPORT PREPARATION and PRODUCTION		1700.00
	Subtotal	69,688.56
13.5% MANAGEMENT FEE		9407.96
	TOTAL	$79,096.52


TOSCANA RESOURCES LTD.
YEHINIKO PROPERTY
GENERAL SAMPLE LOCATION PLAN
LIARD MINING DIVISION
COAST MOUNTAIN GEOLOGICAL LTD.
DRAWN BY: C.B, B.K
NTS 104G
DATE: JUNE 92
FIGURE 9
LEGEND
FLOAT
GRAB
CHIP
0 500 metres
0 100 metres
(enlargement)
see enlargement
YEHINIKO LAKE
BASELINE
mafic andesite flows
augite porphyry dacite
augite porphyry
sheared mafic volcanics
chloritized augite porphyry
CO3 alt'n "listwanite"
Qz veining
mafic tuffs and flows
shears and veins
hb porphyry
malachite staining
green andesite
"A"
mafic and andesitic flows
cherty argillite
andesite porph
thinly bedded argillite and sandstone
lam'd arg
AR 21168