

GEOLOGICAL, GEOCHEMICAL & GEOPHYSICAL

REPORT ON THE
EAGLE PROPERTY

(Eagle 1 to 5 Mineral Claims)

OMINECA MINING DIVISION

N.T.S. 93 N/02

Latitude: 55°12'
Longitude: 124°52'

NORANDA EXPLORATION COMPANY, LIMITED
(no personal liability)

Work Performed:
June 1, 1990 to July 3, 1990

20,406

GEOLOGICAL BRANCH
ASSESSMENT REPORT

REPORT BY: FRASER STEWART

October, 1990

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SUMMARY

The Eagle project is a copper-gold porphyry prospect situated in close proximity to several new Cu-Au prospects, including Mt. Milligan. The objective of the Eagle program was to evaluate the potential for a similar sized system. Soil geochemistry has outlined nine copper anomalies that encompass most of the grid area and several spot gold anomalies, all of which are coincident with the large copper anomalies. Three significant copper-gold showings have been identified on the property to date. The Induced Polarization survey has outlined several anomalous zones that are interpreted to be moderate to strong conductors.

Several drill targets have already been outlined by the induced polarization survey, soil geochemistry and surface geology from the 1989 work. The 1990 work includes approximately 26 km of soil grid lines that were sampled at 50 m intervals. These grid lines essentially cover the entire Eagle claim group at a 400 m line spacing. These grid lines were also prospected and mapped at a scale of 1:5,000. We also conducted 4.9 km of induced polarization surveys to extend the existing IP anomalies discovered on the north end of the existing grid. The lines surveyed include L40400N, L40800N and L41200N.

INTRODUCTION

PURPOSE:

The Eagle property was staked to cover two porphyry style Cu showings situated in a similar geological setting to the Mt. Milligan Cu-Au porphyry, 50 km to the east.

The 1990 field work consisted of geochemical, geologic, and induced polarization surveys. The IP survey was conducted between the Mid and Nighthawk Showings on three 400 m spaced lines. The geologic and geochemical survey was conducted to cover the entire property with 400 m spaced recon lines. These surveys were designed to evaluate the size potential and precious metal content of the known mineral system.

LOCATION & ACCESS:

The Eagle property is located in the Omineca Mining Division, approximately 210 km northwest of Prince George. The grid work was done on the southern shore at the east end of Tchentlo lake (see Figures 1 & 2).

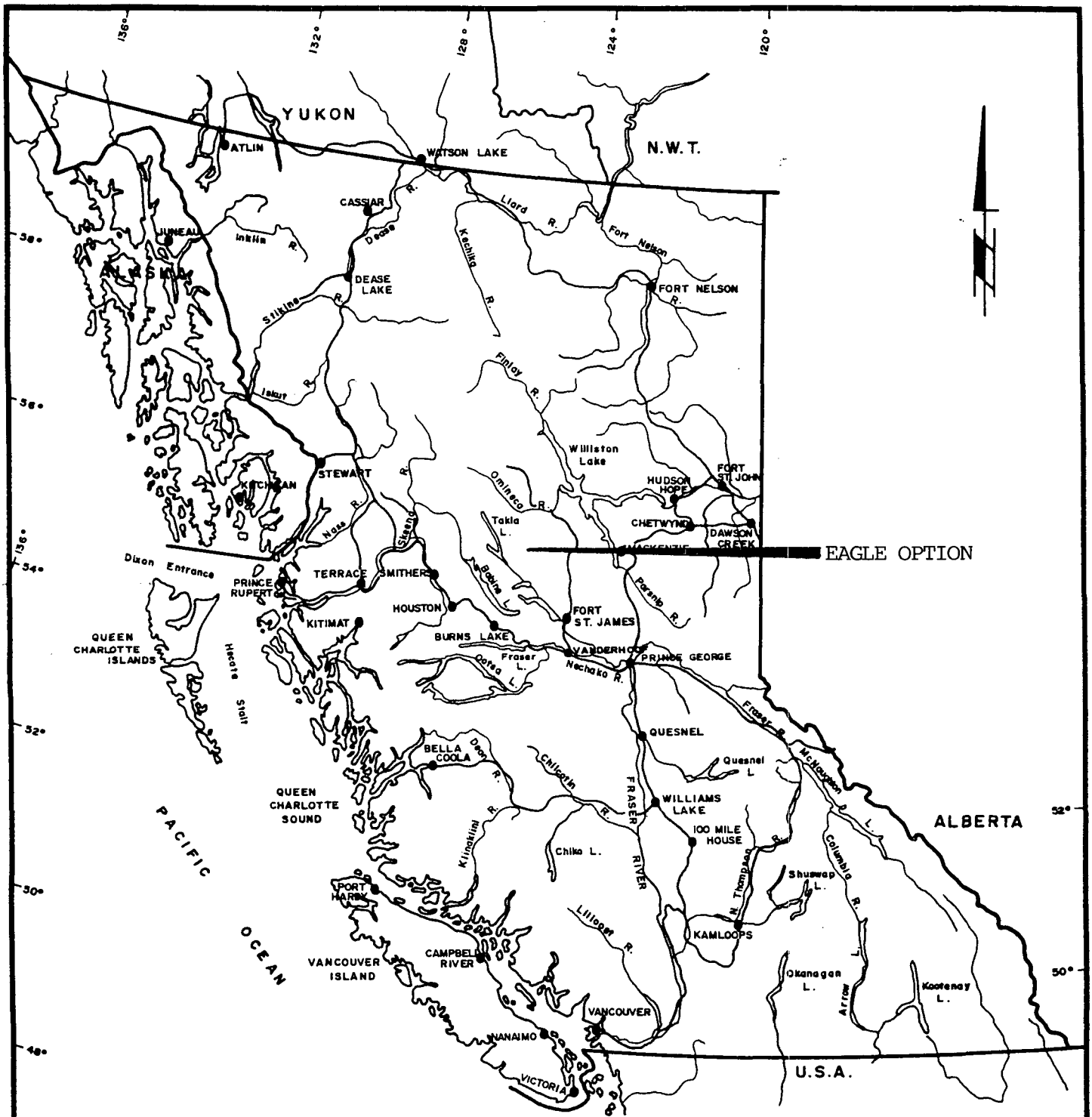
Access to the property can be gained by a 23 km boat ride from the Tchentlo Lake Lodge at the west end of the lake, or by float plane and helicopter out of Fort St. James. The property is situated 15 km from all weather logging roads to the south.

PHYSIOGRAPHY:

The property is located on a gently sloping mountain with an elevation range from 872 metres to 1472 metres. The vegetation is dominantly mature spruce, pine and balsam in the lower areas, while higher up the hill, scrub spruce and pine along with slide alder tend to dominate. There are also common swamp regions which consist of willow and devils club.

CLAIM STATISTICS:

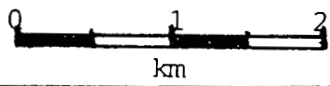
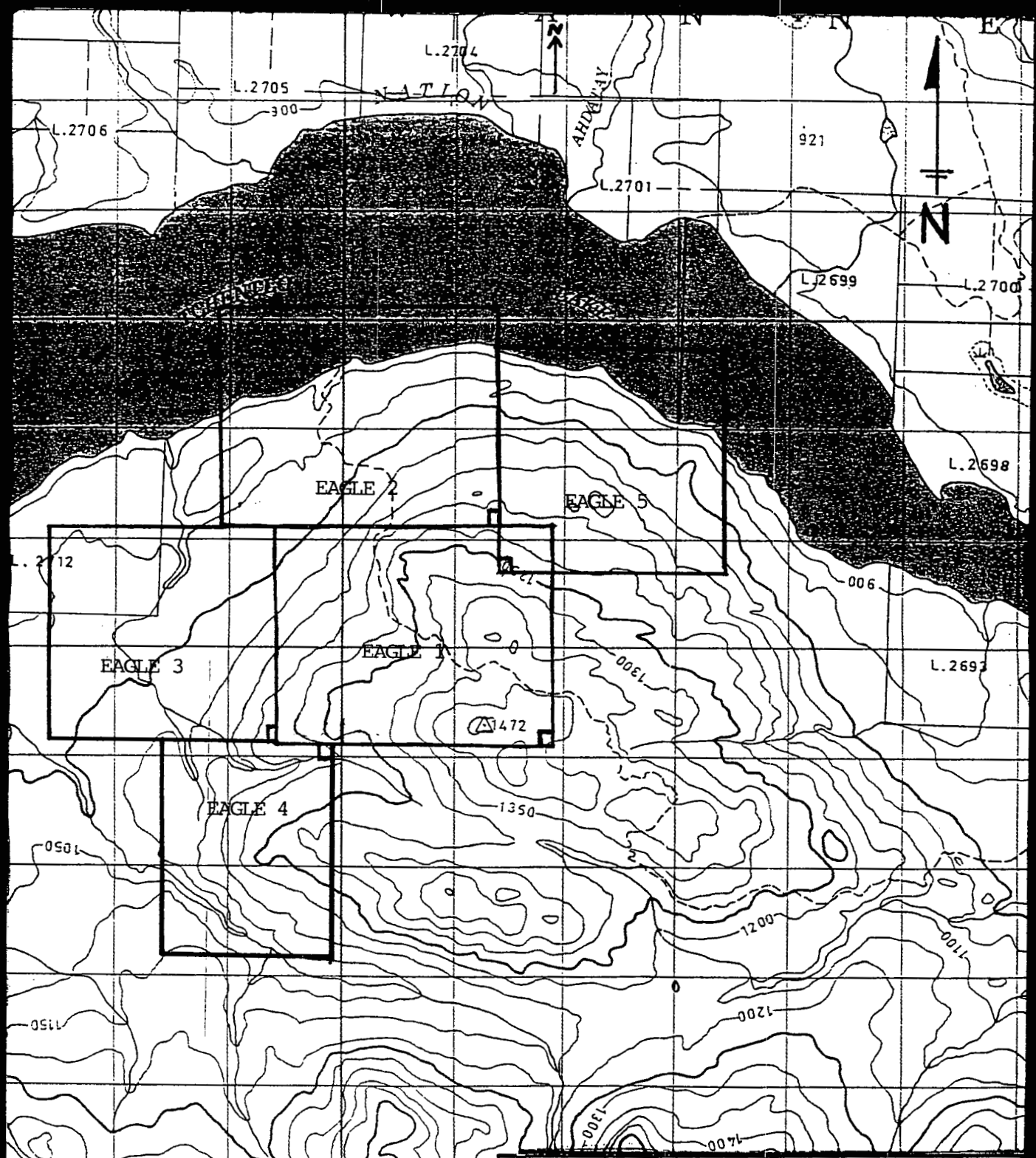
The Eagle property consist of 5 claims listed in the table below. Noranda Exploration holds an option to acquire the Eagle 1 & 2 claims from the owner, W. H. Halleran. The Eagle 3, 4 and 5 claims were staked by Noranda for W. H. Halleran and are part



0 100 200 KILOMETRES
SCALE: 1:8,000,000

REVISED	EAGLE CLAIM LOCATION MAP	
	LOCATION MAP	
PROJ. No. 284	SURVEY BY: F. Stewart	DATE: Oct. /90
N.T.S.	DRAWN BY: S.K.B.	SCALE: 1:8,000,000
DWG. No.	NORANDA EXPLORATION	
1	OFFICE: PRINCE GEORGE, B.C.	

VANCAL 11827



REVISED	EAGLE 1-5 CLAIMS	
	LOCATION MAP	
PROJ. No. 284	SURVEY BY: F. Stewart	DATE: Oct /90
N.T.S. 93 N70	DRAWN BY: F. Stewart	SCALE: 1:50000
DWG. No.	NORANDA EXPLORATION	
2	OFFICE: Prince George	

of the option agreement. The claims are listed in Table 1 and shown in Figure 2.

Table 1.

Name	Record #	Units	Due Date	Owner
Eagle 1	9577	20	July 22/90	W.H. Halleran
Eagle 2	9578	20	July 22/90	W.H. Halleran
Eagle 3	10606	16	June 4/90	Noranda
Eagle 4	10607	12	June 4/90	Noranda
Eagle 5	10810	20	June 5/90	Noranda

PREVIOUS WORK:

The earliest recorded work on the property was done on behalf of the West Coast Mining and Exploration Company in August 1966. An Induced Polarization survey was completed on the Nighthawk claim group over the Nighthawk copper showings. The survey delineated a steeply westward dipping responsive body with an estimated thickness of 100 to 200 feet. A second I.P. survey was conducted on the property in 1967. This survey covered an expanded grid in the area of the Nighthawk showings. Three primary anomalies were outlined, one of which is located over the Nighthawk zone. This anomaly was interpreted to be dipping steeply eastward.

The Boranda Exploration Corporation Ltd. conducted work on the property in April to July 1971, which included an EM survey, magnetometer survey, induced polarization survey and a geochemical survey. All of these surveys were done at 1000 foot line spacing and 100 to 200 foot sample spacing. This work covered much of the area on the south shore of Tchentlo Lake.

Several anomalous areas were outlined by the soil geochemistry and geophysics surveys. It was reported that small copper showings were found associated with north trending shears. Samples were analyzed for copper only. Drill core found on the property indicates that approximately 3,000' of diamond drilling had been completed in 1971 and 1974 in the area around the Nighthawk showing, unfortunately no records are available.

The Eagle 1 and 2 claims were then staked in July 1988 by W. H. Halleran. This area was chosen because of it's known copper showings, aeromagnetic signature, and it's similarity to the Mount Milligan property (see Figure 3).

In 1989 Noranda Exploration Co. Ltd conducted 13 km of



REVISED	GOVERNMENT MAGNETIC SURVEY	
	EAGLE CLAIM GROUP	
PROJ. No. 284	SURVEY BY: F. Stewart	DATE: Oct. /90
N.T.S. 93 N74	DRAWN BY:	SCALE: 1:50000
DWG. No.	NORANDA EXPLORATION	
3	OFFICE: Prince George	

induced polarization, 32.5 km of ground magnetometer survey, 30 km of grid mapping a soil sampling at 25 m sample interval, and about 30 km of linecutting. These surveys indicate the presence of a large Cu - Au bearing system with a very good tonnage potential.

REGIONAL GEOLOGY:

The dominant structural feature in the area of the Eagle property is the Pinchi Fault zone. To the west of the Pinchi Fault are the Permian rocks of the Cache Creek Group, and to the east are the Upper Triassic-Lower Jurassic rocks of the Takla Group. The Pinchi Fault zone is trending approximately 160 degrees and runs through the western leg of Tchentlo lake.

The Takla Group rocks are found in a large structural feature called the Quesnel Trough, which is a subdivision of the Intermontane tectonic belt. The Quesnel Trough is fault bounded to the west by the Pinchi Fault, and to the east by a major eastward merging shear zone. The narrow belt of rocks in the Quesnel trough have been traced southward to beyond the international border.

The Quesnel Trough was the site of extensive island-arc volcanism and associated volcanic derived sedimentation. These rocks are members of the Takla Group and are Upper Triassic to Lower Jurassic in age. The most common lithologies within this group are: argillites, augite porphyries, feldspar porphyries, and andesitic tuffs, flows and breccias.

Block faulting and tilting are the dominant structural styles in and around the Quesnel Trough. The Quesnel trough is in fault contact with older rocks to the east and west and is therefore thought to be a graben.

The Upper Triassic to Middle Jurassic Hogem batholith along with other "Omineca Intrusives" intrude the Takla Group rocks of the Quesnel trough. Garnett et. al, suggests; "There are three phases of the Hogem batholith distinguished on the basis of age and lithology. The earliest phase I consists of diorites, monzonites, and granodiorites. A later phase II consists mainly of syenites. The latest phase III consists of granites and quartz syenites."

PROPERTY GEOLOGY:

The Eagle property and surrounding area are underlain by the Upper Triassic-Lower Jurassic Takla group. The Takla group is comprised of andesitic and basaltic volcanics, tuffs, breccias, argillites, and shales. The Takla group was later intruded by several phases of the upper Triassic to lower Jurassic Hogem batholith and other "Omineca Intrusions". The Eagle claim group covers an intrusive body that is dominantly a diorite. Two other significant intrusive phases are present on the Eagle claim group. Towards the north eastern part of the Eagle 2 and 5 claims the diorite becomes increasingly more k-feldspar rich and is mapped as a granodiorite. In the central part of the grid is a very coarse grained plagioclase and pyroxene dominated phase that has been mapped as a gabbro. Towards the western boundary of the Eagle 3 and 4 claims, there is a volcanic hornfels that was interpreted to be the contact zone with the Takla volcanics (see Figures 4 and 5 in rear pockets).

The dominant intrusive phase is light grey green medium to coarse grained diorite containing 70-80% plagioclase, 5-15% magnetite, 5-10% hornblende, 5-10% augite, and 1-5% biotite. This diorite phase has a gradational contact over tens of metres to the north east part of the claims with a more k-feldspar rich phase. This phase is a light grey medium to coarse grained granodiorite containing 50-60 % plagioclase, 5-20 % k-feldspar, 1-5 % magnetite, 5-10 % hornblende, 5-10 % pyroxene, and 1-10 % biotite.

In the central part of the grid there is an irregular shaped body of very coarse grained (almost pegmatitic) plagioclase - pyroxene dominated phase that is mapped as a gabbro. This phase consists of 60-70 % very coarse grained feldspar, 15-20 % pyroxene, 10-15 % magnetite and 5-10 % biotite.

Towards the western boundary of the Eagle 3 and 4 claims is the contact zone of the 'Hogem' diorite and the Takla volcanics. This contact (where observed) is gradational over a few metres. These volcanic rocks are invariably hornfelsed to some degree near the contact zone. In some areas remnant banding can be observed in the volcanics, these rocks are interpreted to be volcanic tuffs.

The sulfides present include pyrite and chalcopyrite; with the content varying from trace in the host rock up to veins of semi-massive sulfide at the showings. Three significant Cu-Au showings have been identified to date: 1) the Nighthawk, 2) the

Mid, 3) the Vector.

The Nighthawk showing is located near the highest point of the property. The showing consists of disseminated to semi-massive pockets and stockwork veinlets of chalcopyrite and pyrite in altered diorite. Alteration includes chlorite, magnetite and epidote, and can be easily observed in areas of strong copper mineralization. Past diamond drilling was focused on this zone, but unfortunately, results are not available.

The Mid Zone is located in an area of very strong propylitic alteration. The showing is interpreted to be a shear zone approximately 2 m wide that contains 15-20% pyrite and chalcopyrite in a strong chloritic alteration zone. This showing is only exposed over a few metres in the road cut. There is also two massive magnetite veins that contain chalcopyrite in the Mid zone vicinity (see Figure 7 in pocket).

The Vector Zone in the north part of the property is a fairly significant copper showing that can be traced in outcrop for up to 350 metres along a creek. This zone contains strong to intense propylitic alteration through most of the strike length. The zones of propylitic alteration invariably contain 2-3% pyrite and 2-5% chalcopyrite. The most common mode of occurrence of the sulfides is as fracture filling veinlets 1 mm to 8 cm thick (semi-massive sulfide) surrounded by a albite-chlorite-magnetite alteration halo with pervasive finely disseminated sulfides. There are some occurrences of the sulfides with massive magnetite in what appears to be a brecciated zone of the intrusive (see Figure 6 in pocket).

These intrusive rocks are moderately fractured with the principle shear zones trending northwest which corresponds to the orientation of the Pinchi fault zone to the west. The two dominant fractures have average orientations of: 1) strike 150°, dip 65° East, and, 2) strike 50°, dip 40° West. The main copper showings are associated with these northwest trending shear zones, with the three main showings forming a roughly linear feature striking at approximately 150°.

WORK UNDERTAKEN

A total of 184 man days were spent working on the Eagle project between June 1 and July 3, 1990.

GEOCHEMISTRY:

A total of 534 B-horizon soil samples were taken using grub

hoes and soil augers from depths ranging from 15 to 60 cm. The soil samples were placed in kraft wet-strength paper bags, dried, then shipped to Noranda's lab in Vancouver, B.C. for analysis. They were then analyzed by 30 element ICP method plus Au. The results are at the rear of this report in Appendix VI, the Cu and Au values are plotted on 1:5,000 maps (see Figures 8 and 9 in pocket).

RESULTS:

The most significant results from the geochemical survey are listed in Table 2. The purpose of this survey was to test for Au in this copper porphyry system.

Table 2.

LOCATION	% Cu	ppb Au	ppm Ag	ppm Pb	ppm Zn	ppm As
40000E 40025N	0.38	700				
40000E 40125N	0.13					
40000E 41325N	0.18					
40200N 41100E	0.16					
41150E	0.12					
41200E	0.08					
40400E 37550E	0.02	3100	368.9	13144	569	20743
38000E	0.08					
40600E 40050N	0.27					
40075N	0.12					
40800E 37500N		100		342	602	
37550E					1520	
37600E					1125	
37650E		100	33	1512	7128	
38200E		80				
42300E		90				
41000N 39800E	0.14					
41200N 37400E		60				
37850E		30				
41600N 40350E	0.17					
40850E	0.10					
42250E		1230				
42425N 38400E		380				

Most of the 1990 samples that are anomalous in Cu or Au (>200 ppm Cu, >10 ppb Au) are resampling of the 1989 samples or are infilling of previously discovered anomalies. These samples were taken to confirm and possibly extend the existing anomalies.

Two other zones returned anomalous values. Zone 1 (L40200N) returned copper values ranging from 800 to 1600 ppm over 100 m. There was also malachite and chalcopyrite observed in the rocks of this area. Zone 2 is present on lines 40400N, 40800N and 41200N in the area of 37400E to 38000E. This is the area of contact between the 'Hogem' diorite and the Takla Volcanics. The anomalies present here are of a distinctly different character than those previously discovered on the Eagle property. This area is highly anomalous in Pb-Zn-Ag-Au and is probably due to the presence of base metal veins enriched in precious metals associated with the periphery of the intrusion.

ROCK SAMPLING:

A total of 54 rock samples were collected from the Eagle property. These were shipped to Acme Analytical Laboratories Ltd., Vancouver, B.C. and analyzed by 30 element ICP method and Au. (Appendix IV).

RESULTS:

Table 3 below summarizes the significant Cu and Au values found in outcrop rock samples. All samples are grabs except where otherwise mentioned.

Table 3.

LOCATION	SAMPLE #	% Cu	ppb Au
40100N 39300E	108536	0.10	
40600N 404775	33057	0.20	36
40475E	33058	0.39	104
41200N 40050E	108652	0.11	
40250E	107502	1.20	
40375E	107503	0.20	
41400N 39080E	109268	0.15	
39100E	107542	0.10	
39975E	33026	0.18	77
41580N 40020E	107537	0.32	62
41650N 39500E	108529	0.20	45
41700N 40030E	107538	0.16	
41750N 40200N	107540	0.55	650
41815N 40150E	108655	0.35	520
41900N 40150E	107541	0.12	670
42310N 40450E	33044	0.12	40
42600N 40300E	33043	0.59	195

* chip over 2.4m

Most of these samples are infilling on areas of known mineralization associated with the three showings on the property. A newly discovered zone (40600N 40475E) returned some significant copper and gold values and should be looked at in more detail. The mineralization on L40200N appears to be related to the Mid Zone mineralization. The mineralization in the area of L41400N 39100E appears to be a small raft of volcanic hornfels that contains up to 15 % finely disseminated pyrite with traces of blotchy chalcopyrite. All the other samples present in this table are associated with either the Vector or Mid Zones.

GEOPHYSICS:

During June 1990, a geophysical survey consisting of a time-domain I.P. were completed in the grid area. A total of 4.9 km of Induced Polarization survey was completed. The IP survey covers L40400N, L40800N and L41200N.

Instrumentation -

The I.P. survey was carried out by Pacific Geophysical under contract to Noranda Exploration Co. Ltd. and employed a BRGM IP6 time-domain receiver and a Phoenix Geophysics transmitter. A 50 meter dipole-dipole array was used with readings recorded down to the fifth separation (n=5). The I.P. data is presented in pseudo-section form at a scale of 1:5000 (see Figure 10 in pocket).

Discussion of Survey Results -

Line 40400N was surveyed from 39000E to 41000E. This line has a strong increase in polarization over 475 m at n=2 and deeper. This zone of strong chargeability is flanked on either side by very broad resistivity increases.

Line 40800N was surveyed from 39000E to 40450E. This line has four distinct zones of high chargeability that are separated and flanked by zones of moderate chargeability. The high chargeability zones cover about 550 m of ground. The eastern part of the chargeability zone is coincident with a pronounced resistivity increase.

Line 41200N was surveyed from 38900E to 40600E. This line has a very broad zone of high chargeability over 625 m flanked on either side by moderate chargeabilities. This zone is also

coincident with an area of pronounced resistivity increase.

All three lines surveyed have anomalies that correlate very well both spatially and with respect to their signatures. However, L40800N is much more broken up at n=1 and is interpreted to be covered with thicker overburden.

CONCLUSIONS

The mineralization at the Eagle Property has a very strong structural control and is associated with two principle fracture set that strike at 150° and 50°. The three showings on the property have mineralization associated with these trends. The Vector and Nighthawk Zones have very similar styles of mineralization. These two zones display some excellent examples of brecciated stockwork zones with intense chlorite - epidote - magnetite - pyrite - chalcopyrite alteration assemblages in and around fractures. The Mid Zone showing appears to be a chlorite - pyrite - chalcopyrite rich shear zone striking at about 150°. All three of the showings on the property line up in a roughly 150° trend and are thought to be part of the same system (although it is not exposed at surface ; IP sections do indicate some continuity between the showings).

The glacial cover is very erratic ranging from 0 to 20 m thickness over very short distances. This is the reason for the erratic nature of the Cu-Au geochemical survey. The strongest geochemical anomalies present are directly associated with the known mineralization at the three showings/zones. The 1990 rock sampling and geologic mapping has expanded the Mid and Vector zones along strike.

The most significant IP anomalies occur in an area that is west of the known mineralization at the Mid and Nighthawk Zones. The areas of highest resistivity and chargeability are 95 % covered by swampy overburden and flanked to the east by a very strong Cu geochemical anomaly and the Mid and Nighthawk Showings.

So it has been concluded that we have a very large structurally controlled Cu-Au bearing system with an excellent size potential. No further work on the main grid area is needed at this point.

RECOMMENDATIONS

The corresponding geologic and geophysical work done thus far has outlined several excellent drill targets. The geophysical anomalies closely associated with the three showings should be drilled at this point in the program before any further work is done in this area.

A further geochemical and geophysical survey should be done in the area of L40400N 37550E to expand on the existing Pb-Zn-Ag-Au anomaly discovered in this area. Hand trenching in the areas of extremely anomalous samples might turn up some mineralization in outcrop.

REFERENCES

- GARNETT, J. A., (1978): Geology and Mineral Occurrences of the Southern Hogem Batholith, Bulletin No. 70, MEMPR.
- JEMMETT, J. P., VEERMAN, H. (1966): Geophysical Report, Induced Polarization Survey, Night Hawk Group of Claims, B.C. Assessment Report No. 851.
- McFALL, C. C., SAWYER, J. B. P. (1971): Nation Copper Project, Geophysical, Geochemical and Geological Surveys, B.C. Assessment Report No. 3337.
- MOURITSEN, S. A., MOURITSEN, G. A. (1967): Geophysical Report on Induced Polarization Survey for West Coast Mining and Exploration on the Nation Copper and Alexander Lake Properties, B.C. Assessment Report No. 1056.
- SCHMIDT, U., (1989): Summary Report on the Eagle Property, Omineca Mining Division.

APPENDIX I
LIST OF FIELD PERSONNEL

LIST OF FIELD PERSONNEL

Terry Walker	Project Geologist
Fraser Stewart	Supervising Field Geologist
Andrew Turner	Field Geologist
Chris Collett	Field Geologist
Derek Schnick	Field Assistant
Regan Chernish	Field Assistant
Brent Froelich	Field Assistant

APPENDIX II
STATEMENT OF COSTS

STATEMENT OF COSTS

GEOLOGICAL SURVEY

Wages - Project Geologist, 5 days @ \$250/day	\$1250.00
- Field Geologist, 40 days @ \$250/day	\$6000.00
- Assistants, 20 days @ \$110/day	\$2200.00
Food and Accomodations - 80 mandays @ \$35/day	\$2275.00
Transportation - truck, 30 days @ \$50/day	\$1500.00
- helicopter, 0.9 h @ \$705/h	\$ 634.00
- ATV, 30 days @ \$25/day	\$ 750.00
- boat and motor, 30 days @ \$20/day	\$ 600.00
Supplies - 65 man days @ \$20/day	\$1300.00
SUBTOTAL	\$16509.00

GEOCHEMICAL SURVEY

Wages - Geologists, 40 days @\$150/day	\$6000.00
- Assistants, 40 days @ \$110/day	\$4400.00
Food and Accomodations - 80 mandays @ \$35/day	\$2800.00
Transportation - truck, 30 days @ \$50/day	\$1500.00
- helicopter, 0.9 h @ \$705/h	\$ 634.00
- ATV, 30 days @ \$25/day	\$ 750.00
Supplies - 80 mandays @ \$20/day	\$1600.00
Analysis - soils, 534 @ \$13.50/sample	\$7209.00
- rocks, 54 @ \$15/sample	\$ 810.00
- silts, 21 @ \$15/sample	\$ 315.00
Shipping Charges -	\$ 200.00
SUBTOTAL	\$26218.00

GEOPHYSICAL SURVEY

IP Contractor - 4.9 KM @ \$1275/km	\$6247.00
Food & Accomodations - 24 mandays @ \$35/day	\$ 840.00
Transportation - helicopter, 2.0h @ \$705/h	\$1410.00
Equipment Rental -	\$ 150.00
Misc. Supplies and freight	\$ 250.00
SUBTOTAL	\$8897.00

REPORT PREPARATION

Wages - Geologist, 5 days @ \$150/day	\$ 750.00
- Drafting, 3 days @ \$130/day	\$ 390.00
- Typing, 1 day @ \$150/day	\$ 150.00
SUBTOTAL	\$1290.00

TOTAL

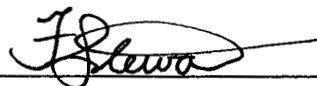
\$ 52,694.00

APPENDIX III
STATEMENT OF QUALIFACATIONS

STATEMENT OF QUALIFICATIONS

I, FRASER J. STEWART, hereby certify that:

1. I am a geologist residing at 302 - 1910 Renwick Crescent, Prince George, B. C.
2. I graduated from the University of Alberta in April 1989, with the degree of Bachelor of Science in Geology.
3. I have been employed by Noranda Exploration Company, Limited as a geologist since May 1989.
4. I personally took part in the surveys described in this report and that this report is based upon a personal knowledge of the property.



Fraser J. Stewart, (B.Sc.)

APPENDIX IV
ANALYSIS REPORTS

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9007-011-2847 File # 90-2443 Page 1

P.O. Box 2380, 1050 Davie St., Vancouver BC V6B 3T5

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
L38000E 39550N	1	15	21	59	.3	10	4	165	1.65	10	5	ND	1	18	.2	2	2	59	.22	.026	7	25	.39	89	.13	4	1.66	.02	.02	1
L38000E 39600N	1	26	15	114	.1	26	8	248	3.62	32	5	ND	1	17	.3	2	2	96	.17	.083	6	41	.60	85	.17	5	2.41	.01	.04	1
L38000E 39650N	1	26	20	158	.1	31	9	407	4.39	46	5	ND	1	29	.5	2	2	101	.25	.098	4	46	.67	114	.13	4	2.70	.01	.03	1
L38000E 39700N	1	22	26	143	.1	32	9	310	4.84	54	5	ND	1	26	.5	2	2	107	.28	.162	5	48	.68	109	.09	5	2.48	.01	.05	1
L38000E 39750N	1	61	18	171	.4	37	14	327	4.28	94	5	ND	1	19	.5	3	2	103	.24	.069	6	49	.77	93	.13	4	3.23	.01	.03	1
L38000E 39800N	1	41	19	184	.1	29	11	334	4.45	67	5	ND	2	15	.5	5	2	101	.20	.056	5	43	.82	85	.14	5	3.32	.01	.04	1
L38000E 39850N	1	43	54	279	.4	31	13	464	4.91	119	5	ND	2	17	.5	6	2	102	.20	.105	4	40	.80	115	.11	5	3.87	.01	.05	1
L38000E 39900N	1	61	50	247	.4	47	18	364	4.62	101	5	ND	3	15	.6	5	2	96	.18	.071	5	50	.92	130	.08	6	4.13	.01	.05	1
L38000E 39950N	1	37	42	190	.1	21	10	335	5.34	77	5	ND	1	11	.5	4	2	139	.17	.127	4	37	.67	68	.17	5	3.14	.01	.03	1
BL 40000E 40025N	6	3803	15	78	3.4	31	33	465	9.55	537	9	ND	3	45	.8	5	2	165	.47	.156	11	24	1.00	106	.13	4	3.08	.02	.07	3
BL 40000E 40050N	1	395	16	69	.2	28	13	293	6.29	22	5	ND	2	25	.4	3	2	183	.20	.100	6	38	.85	76	.14	3	3.04	.01	.04	1
BL 40000E 40075N	1	52	10	73	.2	26	13	257	5.42	9	5	ND	1	28	.3	2	2	175	.25	.078	4	31	.67	83	.14	3	2.33	.01	.04	1
BL 40000E 40100N	1	70	13	87	.4	48	20	268	5.28	9	5	ND	2	27	.6	4	2	157	.27	.058	5	38	.84	103	.14	4	3.18	.02	.04	1
BL 40000E 40125N	2	1313	13	78	.2	34	18	359	5.34	37	5	ND	1	37	.5	4	2	164	.40	.112	7	32	.75	85	.13	5	3.38	.02	.03	1
BL 40000E 40150N	4	149	9	63	.3	17	10	214	4.68	8	5	ND	1	50	.7	2	2	210	.58	.029	5	24	.57	87	.13	3	1.87	.02	.02	1
BL 40000E 40175N	10	71	10	73	.3	32	16	532	4.45	16	5	ND	1	50	.5	2	2	148	.77	.048	7	33	.91	126	.11	4	2.54	.02	.04	1
BL 40000E 40250N	1	15	8	67	.1	22	8	208	4.53	9	5	ND	2	24	.2	2	2	148	.22	.051	6	40	.36	87	.10	2	1.58	.01	.03	1
BL 40000E 40275N	1	61	17	99	.1	62	11	268	3.70	21	5	ND	3	18	.2	3	2	77	.20	.096	7	67	.62	157	.08	5	2.74	.01	.04	1
BL 40000E 40300N	1	33	14	101	.1	46	8	230	4.91	30	5	ND	2	15	.2	3	2	83	.16	.086	6	89	.66	90	.07	5	2.80	.01	.04	1
BL 40000E 40325N	1	36	9	97	.1	50	11	412	3.23	17	5	ND	1	28	.2	2	2	75	.29	.042	6	60	.77	153	.06	4	2.15	.01	.03	1
BL 40000E 40350N	1	53	11	98	.3	60	9	227	4.09	18	5	ND	2	20	.2	2	2	76	.23	.069	6	70	.70	146	.06	4	2.45	.01	.05	1
BL 40000E 40375N	1	71	10	77	.2	37	9	203	4.73	19	5	ND	2	23	.2	3	2	109	.20	.102	5	55	.52	103	.09	3	2.74	.01	.03	1
BL 40000E 40425N	1	60	13	75	.5	32	9	188	4.34	12	5	ND	2	23	.3	2	2	109	.20	.055	6	48	.53	92	.09	4	2.53	.01	.04	1
BL 40000E 40450N	1	79	12	109	.1	45	13	243	5.04	18	5	ND	2	42	.4	2	2	125	.34	.044	6	49	.79	213	.13	4	2.84	.01	.05	1
BL 40000E 40475N	1	220	14	94	.4	53	16	842	4.01	19	5	ND	2	71	.9	3	2	120	1.02	.055	10	53	.89	182	.08	6	2.78	.03	.05	1
BL 40000E 40500N	1	654	14	89	.8	49	18	755	3.90	22	5	ND	2	90	.8	4	2	122	1.51	.066	8	43	1.15	160	.11	7	4.13	.03	.05	1
BL 40000E 40525N	1	185	10	115	.1	28	13	280	3.91	10	5	ND	1	52	.4	2	2	99	.67	.076	6	30	.85	128	.09	4	3.29	.01	.02	1
BL 40000E 40550N	1	114	17	72	.3	48	15	248	4.68	26	5	ND	1	39	.4	6	2	108	.35	.119	6	45	.64	124	.09	5	4.55	.02	.03	1
BL 40000E 40575N	1	174	10	69	.3	44	12	235	3.67	12	5	ND	2	38	.3	3	2	88	.40	.077	7	45	.73	132	.09	3	3.05	.01	.05	1
BL 40000E 40625N	1	154	9	67	.1	54	15	311	3.55	11	5	ND	2	57	.4	4	2	84	.70	.089	7	49	.95	199	.09	5	2.84	.02	.05	1
BL 40000E 40650N	1	54	10	48	.1	30	8	193	3.64	14	5	ND	1	38	.3	2	2	99	.40	.041	6	43	.49	165	.08	3	1.91	.01	.04	1
BL 40000E 40675N	1	167	11	71	.1	52	14	283	4.30	22	5	ND	2	39	.4	3	2	103	.40	.094	7	49	.84	146	.11	3	3.31	.01	.04	2
BL 40000E 40700N	1	57	12	64	.1	27	9	232	5.56	4	5	ND	2	39	.2	2	2	136	.28	.142	6	45	.54	129	.11	2	2.86	.01	.04	1
BL 40000E 40725N	1	199	10	74	.7	31	14	266	4.89	17	5	ND	2	60	.5	3	2	124	.55	.141	7	39	.70	115	.12	2	3.65	.02	.04	1
BL 40000E 40750N	1	95	10	80	.1	52	13	300	4.27	20	5	ND	2	46	.4	2	2	99	.56	.078	7	52	.88	198	.10	3	2.53	.01	.05	1
BL 40000E 40775N	1	252	7	57	.1	50	15	516	3.65	13	5	ND	2	70	.3	3	2	94	.79	.088	9	48	1.02	229	.10	4	2.22	.02	.05	1
STANDARD C	18	57	37	132	7.2	71	31	1018	3.97	38	20	6	39	53	18.5	15	20	57	.50	.093	38	59	.92	181	.09	33	1.95	.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: Pulp

DATE RECEIVED: JUL 11 1990 DATE REPORT MAILED: *July 16/90* SIGNED BY: *C. Leung* 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
BL 40000E 40800N	1	225	14	103	.5	43	18	446	4.56	12	5	ND	2	77	.7	6	2	116	.94	.049	6	37	.97	220	.10	3	3.51	.03	.04	1
BL 40000E 40825N	1	212	13	77	.2	49	15	300	4.73	16	5	ND	2	39	.4	7	2	115	.29	.089	6	47	.87	210	.10	3	4.42	.01	.05	1
BL 40000E 40850N	1	343	15	108	.7	36	19	1861	4.47	10	6	ND	2	71	1.1	4	2	120	.81	.100	11	36	.83	258	.12	4	3.45	.02	.06	1
BL 40000E 40875N	1	102	14	91	.5	7	18	378	9.04	14	5	ND	1	112	.4	5	2	138	.31	.264	5	9	.98	452	.02	2	3.32	.01	.07	1
BL 40000E 40900N	1	277	14	105	.7	8	25	495	10.15	9	5	ND	1	122	.8	8	2	161	.20	.207	5	7	1.44	335	.01	2	3.80	.01	.06	1
BL 40000E 40925N	1	406	17	102	.3	11	36	1206	7.60	12	5	ND	1	288	.5	9	2	99	.54	.241	6	8	1.17	473	.01	2	4.80	.02	.11	1
BL 40000E 40950N	1	218	16	71	.3	26	17	340	5.53	11	5	ND	2	66	.2	6	2	134	.37	.160	7	28	.83	118	.06	3	4.39	.01	.05	1
BL 40000E 40975N	1	212	18	139	.9	13	24	620	6.48	5	5	ND	1	84	.8	9	2	158	.46	.247	7	11	1.23	225	.16	2	6.40	.02	.04	1
BL 40000E 41025N	1	508	9	142	.6	12	29	481	6.67	18	5	ND	1	95	.8	9	3	183	.93	.676	6	11	1.26	136	.10	3	7.20	.01	.03	1
BL 40000E 41050N	1	717	9	86	1.0	17	26	496	8.74	7	5	ND	1	88	.7	7	2	308	.40	.115	3	13	1.67	323	.12	2	5.33	.01	.04	1
BL 40000E 41075N	1	617	11	101	1.1	12	30	507	8.72	7	5	ND	1	73	.7	8	2	278	.71	.108	3	6	1.63	177	.14	2	5.83	.01	.07	1
BL 40000E 41100N	1	151	10	89	.4	19	17	347	6.34	10	5	ND	2	52	.2	7	2	168	.47	.086	6	21	1.04	149	.16	4	4.30	.01	.04	1
BL 40000E 41125N	1	249	13	120	.4	21	25	471	6.97	6	5	ND	2	62	.4	6	2	197	.51	.162	4	13	1.26	247	.08	2	6.57	.01	.05	1
BL 40000E 41150N	1	71	11	175	.3	22	28	527	6.77	7	5	ND	3	78	.6	7	3	179	.57	.120	5	12	1.93	87	.15	3	6.17	.01	.05	1
BL 40000E 41175N	1	156	17	92	.4	21	18	382	6.38	9	5	ND	1	67	.3	7	2	195	.49	.170	5	24	.87	176	.07	4	3.68	.02	.04	1
BL 40000E 41225N	1	112	9	76	.1	31	11	240	4.96	8	5	ND	2	30	.2	3	2	138	.24	.069	6	42	.59	80	.10	3	2.73	.01	.04	1
BL 40000E 41250N	1	85	10	114	.3	17	17	349	5.19	6	5	ND	2	53	.2	4	2	155	.40	.047	6	18	1.02	194	.05	2	4.26	.01	.03	1
BL 40000E 41275N	1	190	10	160	.1	20	19	454	5.58	7	5	ND	1	53	.5	8	2	162	.88	.032	7	25	.94	144	.04	2	4.28	.01	.03	1
BL 40000E 41300N	1	100	11	117	.1	16	15	341	5.52	7	5	ND	1	78	.2	2	2	171	.67	.054	5	18	.82	177	.06	2	2.92	.01	.06	1
BL 40000E 41325N	2	1853	4	114	.7	7	4	462	.60	2	7	ND	1	164	.7	2	2	23	4.79	.112	9	6	.18	102	.01	13	.77	.01	.04	1
BL 40000E 41350N	1	300	16	111	.1	44	21	386	5.08	16	5	ND	1	89	.3	6	2	129	.77	.084	6	32	1.11	187	.11	5	4.89	.02	.05	1
BL 40000E 41375N	1	475	10	127	.2	12	30	645	5.97	2	5	ND	1	97	.5	5	2	209	.84	.054	3	8	1.45	202	.07	2	4.69	.02	.04	1
BL 40000E 41425N	1	543	12	107	.1	12	25	436	5.03	2	5	ND	1	55	.2	2	2	174	.76	.171	3	8	1.23	126	.13	2	6.18	.01	.04	2
BL 40000E 41450N	1	188	11	99	.2	32	19	399	5.41	5	5	ND	2	91	.3	5	2	152	.59	.090	7	27	1.02	164	.12	3	4.45	.03	.05	1
BL 40000E 41475N	1	181	16	94	.1	46	14	303	4.05	6	7	ND	3	36	.3	5	2	97	.31	.070	8	48	.67	111	.10	5	3.84	.01	.06	1
BL 40000E 41500N	1	346	16	92	.1	48	17	395	4.44	2	5	ND	3	64	.2	5	2	111	.45	.075	10	44	.98	156	.12	3	4.41	.02	.06	1
BL 40000E 41525N	1	421	10	95	.3	13	31	572	5.16	9	5	ND	2	130	.5	8	2	137	1.28	.095	3	6	1.65	182	.14	3	7.15	.01	.08	1
BL 40000E 41550N	1	155	20	86	.1	38	15	288	4.81	16	5	ND	1	63	.2	5	2	118	.42	.090	6	42	.77	181	.09	5	3.35	.02	.04	1
BL 40000E 41575N	1	83	10	65	.1	41	15	223	3.72	4	5	ND	1	67	.2	3	2	86	.47	.077	5	40	.84	146	.09	5	3.84	.01	.05	1
BL 40000E 41625N	1	196	11	110	1.4	20	31	436	5.43	2	5	ND	1	105	.3	6	2	126	.64	.104	3	7	2.11	158	.14	2	6.65	.02	.06	1
BL 40000E 41650N	1	284	15	102	.1	16	22	338	4.20	7	5	ND	2	84	.3	5	3	104	.61	.115	3	7	1.29	87	.10	3	8.54	.01	.05	1
BL 40000E 41675N	1	418	16	99	.2	19	24	391	4.41	4	5	ND	2	94	.4	5	3	111	.76	.119	4	10	1.20	126	.11	3	6.43	.02	.05	1
BL 40000E 41700N	1	281	13	129	.6	16	31	588	5.47	19	5	ND	1	93	.5	6	2	172	.77	.071	3	8	2.00	72	.15	4	6.55	.01	.02	1
BL 40000E 41725N	1	151	9	99	.4	13	21	468	5.48	4	5	ND	1	74	.2	2	2	172	.62	.063	4	7	1.34	82	.11	2	4.41	.01	.06	1
BL 40000E 41750N	4	164	29	121	.1	17	24	602	4.82	2	5	ND	3	86	.2	2	8	143	.60	.064	3	7	1.47	109	.10	2	5.74	.02	.08	19
BL 40000E 41775N	1	125	17	128	.3	26	26	614	4.57	8	5	ND	1	118	.4	7	2	115	.80	.064	4	18	1.44	138	.09	4	4.65	.01	.06	1
STANDARD C	18	60	38	132	7.1	70	31	1019	3.95	37	21	7	38	54	18.4	15	18	58	.51	.092	39	59	.92	181	.09	35	1.94	.06	.14	12

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
L41200N 41350E	1	65	12	102	.3	17	10	360	5.62	7	5	ND	1	54	.2	2	2	135	.52	.254	5	27	.53	189	.08	2	2.19	.01	.06	1
L41200N 41400E	1	70	12	112	.1	22	13	318	6.50	20	5	ND	2	77	.2	2	2	181	.47	.136	6	31	.81	151	.09	2	2.92	.01	.05	1
L41200N 41450E	1	41	6	81	.1	17	6	308	3.50	4	5	ND	1	64	.2	2	2	112	.54	.075	7	43	.25	341	.10	3	1.08	.01	.06	1
L41200N 41500E	4	247	12	159	.6	67	23	2426	4.49	5	5	ND	1	123	.4	2	2	96	1.19	.081	10	55	.99	386	.06	3	3.57	.02	.08	1
L41200N 41550E	1	40	4	61	.1	40	9	263	3.64	2	5	ND	2	65	.2	2	2	83	.57	.038	7	46	.74	283	.10	3	2.05	.01	.05	1
L41200N 41600E	2	159	8	87	.1	39	16	1146	4.41	4	5	ND	1	86	.2	2	2	126	1.00	.049	7	43	.86	228	.09	2	2.09	.02	.05	1
L41200N 41650E	1	30	6	78	.1	32	9	450	3.05	6	5	ND	2	43	.2	2	2	70	.45	.035	8	46	.56	197	.10	3	1.61	.01	.04	1
L41200N 41700E	1	34	5	69	.1	35	10	272	3.50	2	5	ND	2	56	.2	2	2	78	.46	.077	7	41	.67	191	.09	3	2.16	.01	.05	1
L41200N 41950E	1	56	10	83	.1	26	11	418	4.82	11	5	ND	2	58	.2	2	2	114	.41	.243	6	37	.64	194	.09	5	2.50	.01	.04	1
L41200N 42000E	1	87	10	121	.1	19	9	280	4.58	7	5	ND	3	48	.2	2	2	95	.26	.322	9	31	.58	116	.08	2	4.11	.01	.05	1
L41200N 42250E	1	91	9	80	.1	16	10	313	6.19	9	5	ND	2	56	.2	2	2	148	.33	.388	6	30	.47	140	.10	2	2.90	.01	.04	1
L41200N 42300E	1	88	9	74	.3	18	9	885	2.97	2	5	ND	2	48	.2	2	2	67	.67	.060	10	29	.40	208	.05	3	1.40	.01	.05	1
L41200N 42350E	1	95	5	55	.3	20	12	450	3.09	2	5	ND	2	82	.2	2	2	67	.74	.048	7	22	.81	257	.08	6	1.62	.01	.05	1
L41200N 42400E	1	218	15	148	.7	37	17	2658	4.32	8	5	ND	2	48	.2	2	2	91	.67	.073	12	51	.65	311	.09	4	2.11	.01	.05	1
L41200N 42450E	1	9	7	26	.2	4	2	271	1.11	2	5	ND	1	44	.2	2	2	35	.35	.025	7	14	.07	97	.08	4	.58	.01	.04	3
L41200N 42500E	2	77	8	56	.3	18	6	586	2.73	2	5	ND	1	51	.2	2	2	67	.61	.039	10	31	.25	456	.09	4	1.10	.01	.04	1
L41200N 42550E	2	644	15	104	1.7	74	14	657	4.56	21	6	ND	3	55	.2	3	2	89	.76	.104	112	60	.90	419	.08	3	3.48	.01	.06	1
L41200N 42650E	1	38	6	109	.3	36	10	332	3.54	12	5	ND	1	36	.2	2	2	69	.29	.090	9	48	.61	148	.07	6	2.19	.01	.04	1
L41200N 42700E	1	21	7	72	.2	28	10	1206	2.74	8	5	ND	1	45	.2	2	2	60	.32	.049	8	42	.56	176	.07	2	1.28	.01	.06	1
L41200N 42750E	1	44	5	81	.5	34	11	1179	3.17	12	5	ND	1	67	.2	2	2	74	.70	.083	6	38	.64	226	.08	5	1.48	.01	.05	1
L42000N 37750E	1	27	15	140	.2	44	10	232	4.25	35	5	ND	2	22	.2	3	2	95	.27	.082	5	67	.52	168	.07	4	1.69	.01	.06	1
L42000N 37800E	1	24	7	66	.1	40	8	309	2.69	12	5	ND	2	27	.2	3	2	51	.42	.030	8	53	.65	176	.07	4	1.12	.01	.05	1
L42000N 37850E	1	15	7	113	.4	22	5	164	2.44	10	5	ND	2	15	.2	2	2	52	.19	.067	8	45	.31	110	.06	3	1.30	.01	.04	1
L42000N 37900E	1	16	12	117	.2	31	8	240	3.11	10	5	ND	2	20	.2	2	2	66	.29	.151	7	61	.45	134	.08	6	1.41	.01	.05	1
L42000N 37950E	1	27	7	67	.3	50	12	539	2.62	16	5	ND	2	34	.2	3	2	49	.52	.053	9	69	.73	125	.08	5	1.09	.01	.05	1
L42000N 38000E	2	67	7	111	.7	79	14	1368	3.44	19	5	ND	1	55	.7	3	2	57	1.04	.055	10	77	.80	257	.05	5	1.93	.01	.07	1
L42000N 38050E	1	56	9	86	.1	79	14	737	3.41	18	5	ND	2	39	.2	3	2	60	.52	.053	13	71	.85	217	.08	4	1.44	.01	.07	1
L42000N 38100E	1	34	7	67	.3	44	11	472	2.83	15	5	ND	2	36	.2	3	2	58	.43	.048	10	56	.73	183	.08	3	1.25	.01	.05	1
L42000N 38150E	1	40	25	128	.5	28	8	300	2.73	11	5	ND	1	39	.2	2	2	65	.38	.044	8	44	.50	175	.06	4	1.64	.01	.05	1
L42000N 38200E	1	22	6	69	.1	35	8	238	2.78	7	5	ND	1	24	.2	3	2	59	.26	.041	7	48	.57	121	.07	5	1.26	.01	.04	1
L42000N 38250E	1	45	10	142	.3	18	9	464	4.64	2	5	ND	1	36	.2	2	2	141	.45	.073	6	31	.61	169	.21	7	1.45	.01	.07	1
L42000N 38300E	1	34	6	70	.3	46	7	254	2.49	8	5	ND	2	23	.2	3	2	49	.32	.046	9	63	.73	124	.07	4	1.42	.01	.06	1
L42000N 38350E	1	19	5	58	.1	31	6	197	2.30	9	5	ND	1	20	.2	2	2	53	.25	.037	7	49	.51	101	.08	7	1.07	.01	.04	1
L42000N 38450E	1	28	15	188	.3	40	13	410	5.11	56	5	ND	2	19	.2	4	2	111	.25	.191	7	71	.52	153	.06	4	1.92	.01	.05	1
L42000N 38500E	1	55	17	197	.5	68	16	778	4.53	74	5	ND	2	27	.3	3	3	93	.44	.081	6	70	.70	191	.07	7	1.86	.01	.06	1
L42000N 38550E	1	22	7	84	.2	28	7	252	2.83	3	5	ND	1	24	.2	2	2	65	.32	.049	8	59	.39	105	.09	4	.98	.01	.06	1
STANDARD C	18	56	38	132	7.4	71	31	1033	3.99	41	19	7	37	53	18.5	15	22	57	.51	.087	37	58	.92	180	.09	32	1.90	.05	.14	11

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
L42000N 38600E	1	29	10	76	.2	36	10	379	2.73	8	5	ND	2	33	.2	3	2	63	.50	.027	9	59	.53	150	.09	7	1.34	.01	.06	1
L42000N 38650E	2	70	29	347	.1	38	14	608	4.74	17	5	ND	2	34	.2	3	2	104	.57	.071	8	55	.67	177	.08	5	2.04	.01	.06	1
L42000N 38700E	1	119	23	111	.2	53	16	701	3.87	12	5	ND	1	57	.2	2	2	76	1.13	.035	13	67	.58	259	.06	3	1.84	.01	.08	1
L42000N 38800E	1	17	6	58	.2	26	6	198	2.31	7	5	ND	2	26	.2	2	2	54	.32	.025	8	53	.45	121	.10	5	1.02	.01	.07	1
L42000N 38850E	1	87	21	203	1.1	116	19	1818	5.30	9	5	ND	2	61	.3	4	2	87	1.01	.091	12	99	1.11	452	.05	2	3.88	.01	.14	1
L42000N 38900E	1	99	30	153	1.1	81	18	1288	4.40	25	5	ND	1	60	.6	3	2	82	1.31	.062	15	73	.82	243	.06	6	2.80	.01	.09	1
L42000N 38950E	1	136	13	319	.5	48	16	2122	3.63	11	5	ND	1	64	1.0	2	2	68	.98	.048	8	59	.57	268	.08	4	2.04	.01	.08	1
L42000N 41050E	6	125	24	182	1.2	31	15	491	3.99	26	5	ND	1	51	.6	3	2	93	.61	.061	10	47	.46	296	.07	3	1.68	.01	.09	1
L42000N 41100E	3	294	16	366	.4	54	29	1129	4.36	12	5	ND	1	45	.5	3	2	91	.85	.056	7	65	.62	234	.08	4	2.27	.01	.06	1
L42000N 41200E	1	72	10	105	.2	21	7	327	3.67	5	5	ND	1	67	.2	3	2	104	.85	.037	10	30	.49	423	.07	3	1.74	.01	.07	1
L42000N 41250E	1	33	10	59	.1	5	5	233	4.46	2	5	ND	5	104	.2	2	2	117	1.03	.126	7	8	.29	113	.15	4	1.85	.01	.06	1
L42000N 41300E	1	259	36	103	.4	31	9	718	2.70	8	5	ND	3	83	.2	2	2	75	.81	.053	11	22	.68	220	.05	2	3.04	.02	.08	1
L42000N 41350E	1	152	12	94	.2	17	12	1055	3.83	2	5	ND	3	89	.2	3	2	86	1.00	.037	11	9	1.12	120	.14	2	3.01	.01	.06	1
L42000N 41400E	1	81	13	78	.1	14	12	875	4.05	6	5	ND	4	206	.2	3	2	93	1.43	.039	10	7	1.31	152	.23	7	2.99	.01	.06	1
L42000N 41450E	1	20	12	102	.1	7	12	688	5.03	2	5	ND	4	176	.2	3	2	118	1.14	.136	9	8	1.25	159	.21	4	2.75	.01	.05	1
L42000N 41550E	1	30	10	89	.1	27	10	417	3.76	5	5	ND	3	142	.2	3	2	86	1.02	.173	7	29	.69	345	.13	8	2.72	.01	.08	1
L42000N 41600E	1	10	8	54	.9	21	6	202	3.45	2	5	ND	2	59	.2	3	2	83	.36	.082	7	39	.40	92	.11	2	1.85	.01	.04	1
L42000N 41750E	1	35	11	46	.1	27	9	287	3.55	11	5	ND	2	66	.2	3	2	84	.38	.128	7	33	.55	119	.10	5	2.25	.01	.04	1
L42000N 41800E	1	21	11	66	.1	25	9	300	3.91	2	5	ND	2	62	.2	3	2	89	.39	.139	8	39	.46	119	.11	5	2.32	.01	.04	1
L42000N 42100E	1	42	22	245	.2	45	12	460	5.47	39	5	ND	2	28	.2	5	2	115	.33	.248	7	66	.66	122	.08	3	2.37	.01	.05	1
L42000N 42150E	1	68	15	132	.1	41	14	1075	5.65	22	5	ND	2	38	.2	4	2	155	.50	.091	5	71	.63	205	.11	2	1.78	.01	.05	1
L42000N 42200E	1	32	13	70	.1	21	10	1037	3.84	15	5	ND	1	37	.2	3	2	113	.27	.078	5	48	.38	105	.09	4	1.19	.01	.04	1
L42000N 42250E	1	26	7	69	.2	19	6	239	3.56	6	5	ND	2	28	.2	3	2	97	.27	.112	3	36	.45	77	.08	4	1.19	.01	.04	1
L42425N 37900E	1	16	10	63	.1	11	4	94	3.69	3	5	ND	1	11	.2	5	2	80	.08	.035	5	33	.13	72	.02	4	1.35	.01	.06	1
L42425N 37950E	1	22	16	180	.6	19	8	289	3.99	18	5	ND	2	17	.2	2	2	86	.23	.041	6	38	.30	126	.02	2	1.63	.01	.08	1
L42425N 38050E	1	98	19	372	.9	76	22	2070	4.99	20	5	ND	1	55	2.0	2	2	80	1.07	.065	8	77	.71	502	.04	2	2.23	.01	.13	1
L42425N 38100E	1	11	13	77	.1	15	4	132	3.15	6	5	ND	1	17	.2	2	2	72	.19	.035	5	45	.17	110	.03	2	1.12	.01	.05	1
L42425N 38150E	1	12	10	90	.1	24	7	245	3.09	11	5	ND	1	20	.2	3	2	70	.30	.015	3	43	.37	128	.04	2	1.00	.01	.04	1
L42425N 38250E	1	48	11	74	.3	42	8	431	2.86	14	5	ND	1	54	.2	4	2	55	1.12	.056	7	61	.58	213	.05	7	1.25	.01	.06	1
L42425N 38350E	1	9	6	45	.2	19	4	109	1.89	8	5	ND	2	20	.2	2	2	53	.22	.009	7	40	.33	81	.07	3	.88	.01	.05	1
L42425N 38400E	1	14	6	35	.1	9	2	121	2.49	4	5	ND	1	18	.2	2	2	65	.17	.007	6	40	.04	168	.04	11	.52	.01	.03	2
L42425N 38450E	1	17	9	57	.3	20	4	109	1.57	6	5	ND	1	28	.2	2	2	47	.29	.019	7	39	.34	132	.05	7	1.20	.01	.04	1
L42425N 38500E	1	23	9	75	.1	36	6	186	3.15	12	5	ND	3	26	.2	4	2	68	.39	.069	7	60	.48	119	.07	3	1.45	.01	.05	1
L42425N 38550E	1	9	6	41	.1	17	3	121	1.67	5	5	ND	1	16	.2	2	2	44	.19	.020	7	40	.26	86	.06	3	.83	.01	.03	1
L42425N 38600E	1	13	9	55	.1	24	5	147	1.72	4	5	ND	2	19	.2	3	2	42	.23	.018	8	45	.44	105	.08	3	1.03	.01	.04	1
L42425N 38650E	1	23	11	67	.3	46	9	375	2.45	6	5	ND	1	32	.2	3	2	51	.46	.032	9	64	.68	230	.07	2	1.49	.01	.07	1
STANDARD C	18	60	39	132	7.1	71	31	1034	4.02	42	18	7	37	53	18.6	15	21	57	.51	.087	37	58	.92	181	.09	34	1.92	.05	.14	11

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	Hg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	M ppm
L42425N 38700E	1	39	8	88	.3	64	11	524	3.02	9	5	ND	2	49	.2	3	2	57	.75	.035	12	73	.85	355	.07	8	1.85	.01	.07	1
L42425N 38750E	1	9	7	50	.1	23	5	221	1.64	3	5	ND	1	23	.2	2	2	40	.29	.027	9	49	.38	115	.07	2	1.04	.01	.05	2
L42425N 38800E	1	12	9	117	.3	26	7	293	3.18	9	5	ND	1	23	.2	2	2	78	.25	.054	7	47	.38	96	.09	3	1.42	.01	.05	1
L42425N 38850E	1	24	16	114	.1	28	9	277	5.30	30	5	ND	2	18	.2	2	2	117	.22	.094	5	57	.37	117	.03	2	2.08	.01	.06	1
L42425N 38900E	1	9	8	69	.1	14	4	392	3.10	5	5	ND	1	22	.2	2	2	78	.26	.036	6	44	.22	116	.04	2	1.15	.01	.04	2
L42425N 38950E	1	16	10	173	.1	24	9	345	3.92	12	5	ND	2	18	.2	2	2	81	.17	.093	7	52	.39	132	.03	2	2.12	.01	.05	1
L42425N 41050E	1	320	11	105	.1	53	11	354	3.55	18	5	ND	1	38	.2	2	2	68	.58	.037	13	62	.73	183	.07	3	2.13	.01	.05	1
L42425N 41100E	1	22	7	65	.1	47	8	204	2.87	12	5	ND	3	23	.2	2	2	58	.29	.048	9	67	.62	89	.10	4	1.39	.01	.04	1
L42425N 41150E	1	55	13	127	.2	5	10	683	3.52	3	5	ND	5	116	.2	3	2	75	1.36	.212	9	4	.86	139	.06	2	3.76	.01	.07	1
L42425N 41200E	1	66	46	116	.8	6	8	1100	3.35	12	5	ND	2	146	.4	5	2	65	1.64	.492	8	6	.64	765	.10	2	5.44	.01	.06	2
L42425N 41250E	1	79	9	102	.1	9	13	833	4.12	6	5	ND	2	266	.2	2	2	88	1.99	.237	7	8	1.18	282	.17	2	4.26	.01	.06	1
L42425N 41300E	1	486	18	141	.3	66	16	467	4.78	12	5	ND	4	62	.2	2	2	91	.85	.246	9	68	.76	240	.07	4	3.67	.01	.09	1
L42425N 41350E	1	116	20	212	.3	51	18	671	5.30	38	5	ND	2	36	.2	2	2	117	.40	.276	6	57	.82	194	.09	3	2.72	.01	.07	1
L42425N 41400E	1	47	9	72	.1	38	8	252	3.08	7	5	ND	2	48	.2	2	2	67	.51	.074	9	51	.64	142	.11	6	1.72	.01	.04	1
L42425N 41450E	1	191	12	140	.6	32	15	1545	4.26	13	5	ND	1	159	.2	3	2	99	1.62	.069	8	30	1.20	232	.09	4	4.87	.01	.07	1
L42425N 41550E	1	25	10	82	.1	6	5	211	3.60	2	5	ND	2	84	.2	2	2	84	.59	.227	6	11	.32	150	.08	2	2.50	.01	.04	1
L42425N 41750E	1	31	15	193	.2	43	9	268	4.30	26	5	ND	2	25	.2	2	2	83	.32	.116	7	63	.60	107	.07	3	1.65	.01	.04	1
L42425N 41800E	1	20	10	87	.2	21	6	261	2.86	8	5	ND	1	27	.2	2	2	74	.26	.051	7	44	.27	100	.07	2	1.10	.01	.04	2
L42425N 41850E	1	42	15	171	.3	36	13	633	4.53	18	5	ND	2	39	.2	2	2	99	.29	.211	6	52	.68	139	.06	2	2.30	.01	.05	1
L42425N 41900E	1	145	12	103	.1	50	16	351	4.98	29	5	ND	2	41	.2	3	3	122	.34	.068	5	58	.83	113	.11	9	2.08	.01	.06	1
L42425N 41950E	1	9	7	46	.1	35	6	120	2.50	5	5	ND	2	17	.2	2	2	52	.18	.027	7	64	.40	88	.08	2	1.33	.01	.02	2
L42425N 42000E	1	69	15	136	.5	33	11	419	5.51	21	5	ND	2	27	.2	3	2	132	.28	.207	6	56	.57	85	.08	3	1.96	.01	.06	1
L42425N 42050E	1	28	11	72	.1	24	7	260	3.66	11	5	ND	1	41	.2	2	2	101	.29	.057	7	52	.38	140	.10	2	1.32	.01	.04	1
L41600N 37900E	1	7	9	54	.1	26	4	143	2.09	8	5	ND	2	23	.2	2	2	51	.32	.027	9	54	.45	72	.09	12	.92	.01	.05	1
L41600N 37950E	1	15	6	73	.1	42	7	277	2.30	3	5	ND	1	27	.2	2	2	47	.36	.029	10	63	.77	135	.09	6	1.33	.01	.05	1
L41600N 38000E	1	39	9	92	.2	72	11	478	3.16	10	5	ND	1	39	.2	2	2	57	.65	.029	13	73	.80	240	.07	2	1.69	.01	.07	1
L41600N 38050E	1	37	10	72	.1	63	12	538	2.84	24	5	ND	2	29	.2	3	2	51	.40	.023	13	76	.81	154	.09	2	1.38	.01	.07	1
L41600N 38100E	1	13	7	76	.1	43	7	228	2.48	8	5	ND	1	25	.2	4	2	47	.35	.038	10	68	.72	90	.11	2	1.15	.01	.05	2
L41600N 38150E	1	21	7	85	.1	53	12	435	2.71	8	5	ND	2	37	.2	3	2	54	.61	.056	11	71	.74	151	.10	6	1.38	.01	.06	1
L41600N 38200E	1	21	9	93	.2	45	9	516	2.44	8	5	ND	1	35	.2	2	2	48	.57	.043	10	63	.75	172	.08	3	1.39	.01	.06	1
L41600N 38250E	1	13	7	77	.1	48	8	260	2.49	9	5	ND	1	26	.2	2	2	49	.35	.037	10	65	.77	115	.10	2	1.29	.01	.05	2
L41600N 38300E	1	15	5	73	.2	44	8	236	2.79	10	5	ND	2	23	.2	3	2	59	.26	.015	9	67	.63	99	.10	2	1.25	.01	.06	1
L41600N 38350E	1	15	8	63	.1	38	7	211	2.45	2	5	ND	1	30	.2	3	2	53	.53	.024	9	66	.51	129	.09	6	1.03	.01	.07	1
L41600N 38400E	1	43	14	90	.2	35	10	299	3.64	11	5	ND	2	37	.2	3	2	86	.43	.034	8	58	.54	130	.12	10	1.33	.01	.07	1
L41600N 38500E	1	17	8	116	.1	35	7	171	2.53	14	5	ND	2	24	.3	2	2	56	.29	.018	8	57	.49	122	.07	2	1.33	.01	.04	1
L41600N 38550E	2	155	20	177	.7	13	21	1170	8.18	15	5	ND	3	92	.5	2	2	157	.56	.252	9	22	.75	107	.11	2	2.71	.01	.05	1
STANDARD C	18	57	38	132	7.5	72	31	1026	4.05	36	19	8	37	52	18.9	14	21	57	.52	.088	38	59	.93	180	.09	34	1.93	.05	.14	11

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	Tl %	B ppm	Al %	Na %	K %	W ppm
L41600N 38650E	2	514	56	303	2.8	57	19	2403	5.10	39	9	ND	1	56	5.0	6	4	90	1.69	.073	28	59	.52	276	.04	4	2.59	.01	.06	2
L41600N 38700E	1	110	21	269	.8	14	20	773	7.01	29	6	ND	1	33	2.8	2	2	133	.76	.262	8	26	.91	156	.16	7	2.52	.01	.08	1
L41600N 38900E	1	115	17	145	1.4	8	19	1030	6.33	11	7	ND	2	25	3.0	5	2	161	.44	.183	8	13	.68	121	.21	11	2.56	.01	.07	1
L41600N 38950E	1	381	11	87	1.3	57	18	1229	4.03	13	7	ND	1	90	1.8	5	2	75	1.83	.074	18	59	.69	199	.04	9	2.78	.01	.06	1
L41600N 41050E	2	55	26	101	.5	8	7	232	4.33	12	5	ND	3	81	2.6	4	2	73	.57	.181	9	18	.35	172	.08	5	4.30	.01	.05	1
L41600N 41100E	1	106	25	169	.6	16	8	456	4.31	8	5	ND	1	92	1.1	3	2	92	.64	.229	6	26	.40	246	.07	2	2.74	.01	.07	2
L41600N 41150E	1	88	12	120	.6	28	12	254	6.13	16	5	ND	1	43	2.6	4	2	156	.35	.261	6	40	.41	111	.08	7	3.77	.01	.04	2
L41600N 41250E	2	170	14	82	.6	30	12	320	3.25	13	5	ND	1	46	.9	3	2	73	.68	.050	13	46	.46	197	.07	5	1.74	.01	.04	1
L41600N 41300E	2	165	28	209	.4	51	23	426	5.72	25	5	ND	2	42	6.0	5	2	89	.92	.190	8	63	1.07	203	.16	5	3.88	.02	.07	4
L41600N 41350E	3	67	9	141	.5	26	13	311	5.16	17	5	ND	1	57	2.2	3	2	127	.96	.122	6	38	.59	224	.09	8	2.07	.01	.05	1
L41600N 41400E	2	15	5	46	.2	11	4	139	2.92	7	5	ND	1	22	.2	3	2	78	.25	.093	7	33	.31	65	.08	2	1.24	.01	.03	1
L41600N 41450E	1	30	22	69	.3	28	9	271	3.54	11	5	ND	2	55	.3	4	2	76	.61	.177	6	44	.39	153	.08	4	2.39	.01	.06	1
L41600N 41500E	1	124	16	102	.3	11	13	476	3.68	9	5	ND	1	77	2.1	2	2	79	1.02	.096	8	15	.44	150	.10	6	3.07	.01	.06	1
L41600N 41550E	1	26	5	51	.2	5	6	139	3.58	5	5	ND	2	45	.2	2	2	91	.48	.054	8	11	.15	81	.07	2	1.51	.01	.03	2
L41600N 41600E	1	25	7	88	.4	5	8	407	5.02	7	5	ND	2	174	1.7	4	2	117	1.24	.172	7	8	.56	183	.17	7	2.79	.01	.04	2
L41600N 41750E	1	60	15	124	.5	5	22	1164	5.54	9	6	ND	1	163	1.9	2	2	138	.81	.127	6	11	.91	708	.14	9	2.41	.01	.07	1
L41600N 41800E	1	21	9	57	.2	31	10	205	2.66	7	5	ND	3	35	.2	4	2	60	.36	.066	7	43	.53	117	.10	19	1.64	.01	.04	3
L41600N 41850E	1	24	2	56	.2	29	7	175	2.51	4	5	ND	1	28	.2	2	2	54	.32	.064	7	44	.50	91	.09	3	1.31	.01	.04	1
L41600N 41950E	1	32	5	48	.1	27	8	276	3.26	5	5	ND	1	63	.2	2	2	70	.51	.123	6	27	.54	195	.09	3	1.96	.01	.04	1
L41600N 42000E	1	16	10	79	.2	29	9	272	2.95	7	5	ND	1	29	.2	2	2	60	.31	.089	7	47	.42	116	.08	6	1.47	.01	.03	1
L41600N 42050E	1	21	6	75	.1	34	9	201	2.76	8	5	ND	1	28	.2	2	2	57	.32	.065	7	41	.47	96	.09	3	1.49	.01	.04	1
L41600N 42100E	1	30	7	56	.1	35	8	246	3.60	10	5	ND	1	42	1.2	2	2	76	.34	.081	6	39	.60	117	.10	9	1.69	.01	.04	1
L41600N 42150E	1	19	2	52	.1	22	6	172	2.19	8	5	ND	1	23	.3	2	2	50	.26	.045	8	36	.43	110	.07	5	1.24	.01	.03	1
L41600N 42200E	1	58	20	123	.4	19	10	287	4.70	17	5	ND	1	36	.6	3	2	108	.38	.131	7	44	.39	194	.04	2	2.14	.01	.04	1
L41600N 42250E	1	28	8	132	.3	22	10	224	4.60	16	5	ND	1	30	.2	2	2	113	.29	.168	6	41	.42	111	.04	4	2.11	.01	.04	1
L41600N 42300E	1	57	17	170	.2	32	14	569	4.82	34	5	ND	1	36	.9	2	2	102	.30	.184	6	47	.55	159	.05	2	2.43	.01	.05	1
L41600N 42350E	1	34	6	184	.6	35	13	1162	3.92	7	6	ND	2	34	.8	2	2	78	.40	.122	9	41	.80	140	.07	2	1.93	.01	.05	1
L41600N 42400E	1	16	2	65	.1	30	7	213	2.60	5	5	ND	1	19	.2	2	2	55	.27	.077	7	47	.47	108	.07	2	1.25	.01	.03	1
L41600N 42450E	1	39	9	56	.1	43	8	208	3.26	10	5	ND	1	29	.2	2	2	61	.38	.036	6	48	.64	138	.07	8	1.86	.01	.03	1
L41600N 42500E	1	187	14	64	.2	30	13	579	3.71	7	5	ND	1	91	1.3	2	2	85	1.63	.100	16	36	.68	274	.06	7	2.47	.01	.04	1
L42825N 38100E	1	14	3	44	.1	12	3	90	1.59	2	5	ND	1	19	.2	2	2	43	.29	.017	4	34	.21	130	.06	3	.69	.01	.05	1
L42825N 38150E	1	13	2	39	.1	23	3	84	1.81	2	5	ND	1	16	.2	2	2	48	.21	.016	5	44	.17	127	.06	5	.56	.01	.03	1
L42825N 38200E	1	32	7	71	.1	47	9	208	2.95	10	5	ND	1	18	.2	2	2	64	.28	.021	6	56	.39	166	.05	9	1.10	.01	.04	1
L42825N 38250E	1	21	2	62	.1	27	6	130	2.58	12	5	ND	1	15	.2	2	2	68	.24	.021	5	52	.32	105	.06	2	.88	.01	.04	1
L42825N 38350E	1	18	6	59	.1	35	9	340	2.20	9	5	ND	1	22	.2	2	2	45	.34	.031	8	50	.58	158	.08	8	.98	.01	.04	1
L42825N 38400E	1	19	8	72	.1	43	10	342	2.49	9	5	ND	1	22	.2	3	2	48	.40	.072	8	56	.60	106	.08	11	1.07	.01	.05	1
STANDARD C	18	63	43	137	8.0	68	31	1055	4.18	43	22	7	36	48	17.5	14	22	59	.55	.093	35	55	.85	173	.09	37	2.01	.06	.14	13

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
L42825N 38450E	1	16	5	57	.1	37	8	404	2.05	2	5	ND	1	26	.2	2	2	41	.37	.042	8	53	.59	148	.07	7	1.01	.01	.02	1
L42825N 38500E	1	13	4	54	.2	30	5	171	1.81	2	5	ND	1	24	.2	2	2	39	.34	.033	7	47	.48	133	.06	6	.94	.01	.03	2
L42825N 38550E	1	11	6	58	.2	33	6	224	2.41	5	5	ND	2	22	.2	2	2	52	.32	.040	7	55	.54	111	.08	6	1.06	.01	.04	1
L42825N 38600E	1	64	9	101	.5	68	18	458	5.36	12	8	ND	3	41	.2	2	3	114	.44	.101	7	100	.75	130	.07	6	1.89	.01	.05	1
L42825N 38650E	1	20	6	50	.1	40	8	293	2.10	2	5	ND	2	25	.2	2	2	39	.36	.040	9	52	.66	93	.09	7	1.08	.01	.04	1
L42825N 38700E	1	20	3	54	.2	35	9	430	2.32	3	5	ND	2	37	.2	2	2	45	.56	.057	8	53	.70	116	.08	7	1.01	.01	.04	1
L42825N 38750E	1	14	4	72	.1	36	6	191	2.27	2	5	ND	2	20	.2	2	2	43	.33	.068	8	52	.64	92	.08	4	1.24	.01	.03	1
L42825N 38800E	1	14	4	55	.1	25	5	165	1.67	5	5	ND	1	21	.2	2	2	35	.32	.033	8	41	.52	95	.08	7	.90	.01	.03	2
L42825N 38850E	1	12	5	58	.1	27	5	198	1.56	2	5	ND	1	21	.2	2	2	33	.30	.021	8	44	.50	116	.06	11	1.02	.01	.03	1
L42825N 38900E	1	12	4	59	.1	30	6	194	1.62	2	5	ND	2	19	.2	2	2	33	.27	.022	7	44	.59	78	.07	6	1.05	.01	.03	1
L42825N 38950E	1	14	5	50	.2	28	5	149	1.53	2	6	ND	2	16	.2	2	3	31	.24	.021	6	41	.50	72	.06	3	.88	.01	.05	2
STANDARD C	18	58	36	133	7.4	71	31	1034	4.04	40	24	7	37	52	18.9	15	22	56	.51	.087	37	59	.93	181	.09	35	1.95	.05	.14	11

L40800N 41100E	1	56	14	78	.1	38	11	283	4.85	10	5	ND	2	52	.2	2	2	125	.48	.179	8	51	1.05	127	.10	4	2.62	.01	.05	1
L40800N 41150E	5	891	33	155	.7	88	33	898	6.53	11	5	ND	2	64	.2	8	2	145	.77	.091	9	63	1.47	228	.08	4	5.32	.02	.09	1
L40800N 41200E	3	249	18	91	.7	30	13	280	4.91	15	5	ND	1	81	.2	2	5	123	.88	.094	13	29	.60	154	.07	2	3.63	.01	.04	1
L40800N 41350E	1	42	6	68	.1	48	13	406	3.29	2	5	ND	1	150	.2	2	2	112	.72	.095	5	122	1.14	222	.21	4	1.31	.01	.07	1
L40800N 41400E	1	15	10	94	.1	14	7	687	4.10	4	5	ND	1	47	.2	2	2	95	.52	.139	7	19	.77	331	.08	3	2.94	.01	.06	1
L40800N 41450E	1	65	16	101	.1	18	12	279	6.53	17	5	ND	2	41	.2	2	2	170	.35	.269	6	34	.64	117	.06	2	3.68	.01	.04	1
L40800N 41500E	1	44	8	57	.2	32	9	218	3.94	10	5	ND	2	42	.2	2	2	109	.42	.093	6	57	.66	104	.10	2	1.87	.01	.04	1
L40800N 41550E	1	29	11	67	.1	26	7	243	3.35	6	5	ND	1	40	.2	2	2	91	.35	.059	6	42	.54	131	.08	4	1.61	.01	.05	1
L40800N 41650E	1	29	8	65	.1	29	9	194	4.13	6	5	ND	2	39	.2	2	2	101	.33	.160	6	45	.53	131	.10	5	2.02	.01	.05	1
L40800N 41700E	1	17	8	39	.1	14	4	113	2.47	2	5	ND	2	29	.2	2	2	70	.23	.063	6	33	.22	55	.08	3	1.61	.01	.03	2
L40800N 41750E	1	24	11	59	.1	14	6	189	4.27	5	5	ND	2	60	.2	2	2	129	.39	.071	6	31	.30	156	.11	4	1.58	.01	.04	2
L40800N 41800E	1	21	9	63	.1	27	7	236	4.25	8	5	ND	1	34	.2	2	2	94	.32	.252	6	49	.86	80	.09	7	2.24	.01	.03	1
L40800N 41850E	1	29	9	47	.1	27	7	163	3.83	9	5	ND	2	30	.2	2	2	99	.37	.063	6	46	.42	126	.07	3	1.69	.01	.04	1
L40800N 42200E	1	132	11	79	.1	30	19	690	5.00	7	5	ND	3	139	.2	2	2	103	1.19	.038	10	26	1.67	367	.16	2	3.84	.01	.05	1
L40800N 42250E	1	22	12	58	.1	16	7	189	4.96	6	5	ND	7	47	.2	2	2	135	.32	.251	6	34	.39	121	.09	2	2.03	.01	.04	1
L40800N 42300E	1	41	16	70	.1	17	11	371	5.39	9	5	ND	2	74	.2	2	2	137	.70	.199	7	30	.57	240	.10	2	2.04	.01	.05	1
L40800N 42350E	1	18	9	57	.1	16	8	257	3.51	6	5	ND	2	65	.2	2	2	88	.39	.061	6	28	.60	121	.12	4	1.49	.01	.04	1
L40800N 42400E	1	38	14	98	.1	22	12	344	6.36	12	5	ND	3	62	.2	2	2	154	.39	.344	6	38	.62	243	.11	5	2.02	.01	.06	1
L40800N 42450E	1	26	7	81	.1	12	10	729	4.28	5	5	ND	2	71	.2	2	2	114	.44	.145	7	21	.49	113	.08	6	1.86	.01	.05	1
L40800N 42500E	1	31	10	82	.1	22	11	373	4.09	12	5	ND	2	77	.2	2	2	122	.43	.061	5	29	.50	152	.10	7	1.32	.01	.05	1
L40800N 42600E	1	258	18	105	.4	45	14	467	4.75	36	5	ND	2	89	.2	3	2	119	1.08	.053	20	43	.82	508	.07	8	2.68	.01	.06	1
L40800N 42700E	1	315	27	175	1.3	107	24	3145	5.94	22	5	ND	2	69	.7	2	2	98	1.00	.095	15	75	.82	633	.04	3	3.86	.01	.06	1
L40800N 42750E	1	184	17	89	.8	38	18	1089	4.13	22	5	ND	1	58	.2	2	2	97	.76	.043	26	51	.46	314	.05	5	1.90	.01	.05	1
L40800N 42800E	1	79	11	116	.2	46	17	1347	4.24	13	5	ND	1	40	.2	2	2	80	.51	.073	8	58	.69	251	.06	6	1.81	.01	.05	1
L40800N 42850E	1	30	7	81	.1	33	11	620	3.55	7	5	ND	1	27	.2	2	2	68	.32	.142	7	54	.51	178	.05	2	1.41	.01	.06	1
L41200N 41050E	1	101	13	125	.1	22	13	358	4.96	13	5	ND	1	107	.2	2	2	132	1.46	.164	7	24	.56	197	.08	3	3.25	.02	.05	1
L41200N 41150E	1	100	9	80	.1	20	9	262	3.49	19	5	ND	1	54	.2	8	2	98	.51	.117	3	19	.43	133	.07	6	2.10	.01	.02	1
L41200N 41200E	1	71	3	46	.1	29	8	175	2.41	35	5	ND	1	29	.2	19	2	60	.30	.069	5	30	.49	84	.07	9	1.45	.01	.01	1
L41200N 41250E	1	40	9	63	.1	37	10	263	3.76	9	5	ND	3	40	.2	2	2	94	.39	.095	8	52	.62	141	.11	9	2.05	.01	.06	1
L41200N 41300E	1	55	10	57	.1	16	9	227	4.96	4	5	ND	2	74	.2	2	2	154	.51	.096	8	41	.47	136	.16	2	1.96	.01	.05	1
STANDARD C	18	57	36	131	7.2	71	31	1019	4.01	44	18	6	37	53	18.8	15	21	57	.51	.086	38	58	.92	181	.09	33	1.91	.05	.13	11

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-P6 Soil Pulp P7 Silt Pulp P8 Rock Pulp

DATE RECEIVED: JUN 21 1990 DATE REPORT MAILED: June 26/90 SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

T. T.
No.

SAMPLE
No.

Mass
(g) PPB
 Au

10	41200N-41950E		5
11	42000		5
12	42250		5
13	42300		5
14	42350		5
15	42400		5
16	42450		5
17	42500		5
18	42550		5
19	42650		5
20	42700		5
21	41200N-42750E		5
22	42000N-41050E		5
23	41100		5
24	41200		5
25	41250		5
26	41300		5
27	41350		5
28	41400		5
29	41450		5
30	41550		5
31	41600		5
32	41750		5
33	41800		5
34	42100		5
35	42150		5
36	42200		5
37	42000N-42250E		5
38	42000N-37750E		5
39	37800		5
40	37850		5
41	37900		5
42	37950		5
43	38000		5
44	38050		5
45	38100		5
46	38150		5
47	38200		5
48	38250		5
49	38700		5
50D	38300		5
52E	38350		5
53	38450		5
54	38500		5
55	38550		5
56	38600		5
57	38650		5
58	38800		5
59	38850 -35 MESH		5
60	38900		5
61	42000N-38950E		5
62	42425N-37900E		5
63	37950		5
64	38050 -35 MESH		5
65	38100		5
66	38150 -35 MESH		5
67	42425N-38250E		5

J. T. C.	SAMPLE No.	Mass (g)	PPB Au
68	42425N-38350E		5
69	38400		380
70	38450		5
71	38500		50
72	38550		5
73	38600		5
74	38650		5
75	38700		5
76	38750		5
77	38800		5
78	38850		5
79	38900		5
80	38950		5
81	41050		5
82	41100		5
83	41150 -35 MESH		5
84	41200		5
85	41250 -35 MESH		5
86	41300		5
87	41350 -35 MESH		5
88	41450 -35 MESH		5
89	41400		5
90	41550		5
91	41750		5
92	41800		5
93	41850 -35 MESH		5
94	41900 -35 MESH		5
95	41950		5
96	42000 -35 MESH		5
97	42425N-42050E		5
98	41600N-37900E		5
99	37950		5
100E	38000		5
52P	38050		5
53	38100		5
54	38150		5
55	38200		5
56	38250		5
57	38300		5
58	38350		5
59	38400		5
60	38500		5
61	38550		5
62	38650		5
63	38700		5
64	38900		5
65	38950		5
66	41050		5
67	41100		5
68	41150		5
69	41250		5
70	41300		5
71	41350		5
72	41400		5
73	41450		5
74	41500	5.0g.	5
75	41600N-41550E		5

I. T. No.	SAMPLE No.	Mass (g)	PPB Au	
76	41600N-41600E		60	
77	41750	5.0g.	5	
78	41800		5	
79	41850		5	
80	41950		5	
81	42000		5	
82	42050		5	
83	42100		5	
84	42150		5	
85	42200		5	
86	42250		1230	
87	42300		5	
88	42350		5	
89	42400		5	
90	42450		5	
91	41600N-42500E		5	
92P	42825N-38100E		5	
52N	38150		5	
53	38200		5	
54	38250		5	
55	38350		5	
56	38400		5	
57	38450		5	
58	38500		5	
59	38550		5	
60	38600		5	
61	38650		5	
62	38700		5	
63	38750		5	
64	38800		5	
65	38850		10	
66	38900		30	
67	42825N-38950E		5	
68	107501		5	RX
69	107502		460	RX
70	107503		5	RX
71	107504		5	RX
72	107514		5	RX
73	107515		5	RX
74	107516		5	RX
75	109252		5	RX
76	109253		5	RX
77	109254		5	RX
78	109255		5	RX
79N	109259		5	RX

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
BL 40000E 41825N	1	25	13	96	.3	15	23	476	4.03	2	5	ND	2	158	.5	7	2	84	1.14	.099	2	7	1.62	150	.12	3	8.04	.02	.05	1
BL 40000E 41850N	1	44	12	82	.5	18	24	436	4.03	6	5	ND	2	146	.4	8	2	83	.91	.104	2	6	1.72	205	.12	3	8.62	.02	.06	1
BL 40000E 41875N	1	24	12	92	.4	33	16	405	3.87	6	5	ND	2	65	.5	6	2	79	.52	.122	5	29	.96	137	.09	2	4.58	.01	.06	1
BL 40000E 41900N	1	24	7	69	.1	47	10	432	2.86	3	5	ND	1	42	.2	2	2	64	.47	.026	7	62	.59	135	.08	2	1.72	.01	.04	1
BL 40000E 41925N	1	36	7	82	.1	47	11	329	3.16	2	5	ND	1	39	.2	2	2	75	.45	.026	7	56	.69	148	.09	2	1.78	.01	.05	1
BL 40000E 41950N	1	148	11	119	.3	47	12	310	3.79	10	5	ND	1	64	.6	2	2	107	.95	.029	8	63	.73	174	.07	2	2.61	.01	.06	1
BL 40000E 41975N	1	47	11	258	.1	27	8	245	4.18	7	5	ND	1	47	.6	2	2	113	.78	.034	8	49	.51	145	.10	2	2.10	.01	.04	1
BL 40000E 42025N	1	189	25	143	.9	54	19	1309	5.32	40	5	ND	1	50	1.3	3	2	142	.52	.075	10	59	.77	213	.10	3	1.98	.03	.07	1
BL 40000E 42050N	1	160	21	153	.7	53	18	923	4.49	41	6	ND	1	103	2.0	3	2	109	2.16	.077	9	55	.61	141	.07	4	2.58	.01	.05	1
BL 40000E 42075N	1	242	7	95	.9	63	11	719	2.61	16	5	ND	1	113	1.2	2	2	53	2.57	.086	10	53	.70	163	.02	5	1.71	.01	.07	1
BL 40000E 42100N	1	178	13	87	.9	47	6	711	1.06	2	5	ND	1	173	2.5	2	2	24	4.70	.098	6	26	.24	116	.01	12	.73	.01	.02	1
BL 40000E 42125N	1	62	10	73	.1	69	12	385	3.40	17	5	ND	1	66	.4	2	2	63	1.29	.030	12	71	.68	165	.06	3	1.86	.01	.05	1
BL 40000E 42150N	1	55	12	133	.3	61	13	291	3.93	20	5	ND	1	57	.8	2	2	80	.97	.039	9	61	.52	167	.07	3	2.16	.01	.05	1
BL 40000E 42175N	2	26	3	86	.2	14	2	312	.66	2	5	ND	1	124	.4	2	2	15	3.47	.068	2	10	.21	54	.01	18	.31	.02	.05	1
BL 40000E 42225N	1	120	4	95	.3	61	7	971	1.56	6	5	ND	1	146	1.0	2	2	27	3.74	.100	6	35	.46	143	.01	16	.84	.01	.05	1
BL 40000E 42250N	1	66	23	203	.4	52	19	863	5.43	33	5	ND	2	35	.9	4	2	121	.49	.093	7	85	1.04	154	.05	2	2.12	.01	.07	1
BL 40000E 42275N	1	319	20	169	.8	142	17	1165	5.18	35	9	ND	1	132	1.1	5	2	85	2.62	.072	22	94	1.15	352	.05	6	3.12	.02	.15	1
BL 40000E 42300N	1	290	13	122	.9	117	14	893	4.27	23	9	ND	2	106	1.6	3	2	68	2.14	.084	18	83	.96	313	.05	5	2.58	.02	.12	1
BL 40000E 42325N	6	48	3	85	.1	17	1	169	.14	2	5	ND	1	215	1.9	2	2	13	5.88	.090	2	3	.22	129	.01	30	.09	.01	.03	1
BL 40000E 42350N	1	153	8	80	.2	11	21	416	7.72	2	5	ND	3	43	.7	5	2	172	.59	.121	11	6	2.01	142	.16	2	3.42	.02	.04	1
BL 40000E 42375N	1	148	11	165	.2	26	20	537	6.40	9	5	ND	2	43	.6	5	2	144	.73	.192	12	27	1.37	192	.16	2	2.95	.01	.09	1
BL 40000E 42400N	1	63	13	111	.3	8	15	595	8.12	2	5	ND	2	30	.7	2	2	182	.49	.189	9	8	.66	138	.25	2	1.83	.02	.12	1
BL 40000E 42450N	1	326	18	124	.1	53	14	672	4.28	8	5	ND	3	48	.3	5	2	86	.79	.112	13	57	1.00	230	.12	2	2.57	.01	.08	1
BL 40000E 42475N	1	26	6	76	.2	30	7	235	2.62	7	5	ND	2	28	.2	2	2	64	.37	.034	8	50	.51	106	.09	2	1.36	.01	.04	1
BL 40000E 42500N	1	16	6	60	.1	43	8	196	2.76	7	5	ND	2	23	.2	2	2	55	.28	.044	8	64	.66	92	.10	2	1.40	.01	.04	1
BL 40000E 42525N	1	16	4	42	.2	25	5	164	2.03	2	5	ND	2	26	.2	2	2	48	.31	.027	10	50	.40	96	.10	2	1.06	.01	.06	1
BL 40000E 42550N	1	8	4	45	.1	35	6	205	2.41	2	5	ND	1	29	.2	2	2	52	.38	.058	8	55	.59	83	.10	2	1.13	.01	.03	1
BL 40000E 42575N	1	16	6	48	.1	39	7	207	2.66	3	5	ND	3	28	.2	2	2	54	.35	.058	11	63	.71	95	.11	5	1.28	.01	.05	1
L40000N 38000E	3	87	59	436	.7	32	29	485	6.27	109	5	ND	2	20	1.2	6	2	144	.38	.074	10	32	.74	105	.21	5	3.86	.02	.05	1
L40000N 38050E	1	20	49	202	.6	28	9	320	7.08	198	5	ND	1	20	.4	5	3	150	.25	.193	6	55	.58	71	.11	2	2.41	.01	.03	1
L40000N 38100E	3	50	57	273	.9	27	18	2695	3.94	44	5	ND	1	49	4.7	3	2	97	.82	.082	10	46	.42	214	.09	2	2.41	.01	.05	1
L40000N 38150E	1	20	29	208	.5	22	8	267	7.57	80	5	ND	2	13	.7	3	2	169	.16	.190	6	50	.56	80	.13	2	2.93	.01	.04	1
L40000N 38200E	1	47	28	128	1.3	22	7	209	5.26	63	5	ND	1	20	.6	5	2	122	.22	.066	6	46	.49	74	.11	2	2.37	.01	.04	1
L40000N 38250E	1	43	31	173	.1	26	10	404	5.77	51	5	ND	2	21	.4	4	2	117	.34	.178	8	44	.75	74	.11	2	2.39	.01	.03	1
L40000N 38300E	1	154	22	158	.4	37	10	607	3.73	123	5	ND	2	47	.9	4	2	85	.89	.039	11	49	.82	96	.10	4	1.91	.02	.05	1
L40000N 38350E	1	26	21	140	.5	28	8	374	5.04	54	5	ND	2	20	.3	3	2	99	.29	.145	7	46	.61	67	.09	3	2.21	.01	.04	1
STANDARD C	18	55	36	131	7.2	70	29	958	4.17	37	20	6	39	53	18.4	15	21	58	.52	.094	38	58	.95	180	.09	32	2.01	.06	.14	14

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
L40000N 38400E	1	58	26	155	.6	22	10	354	5.69	45	5	ND	2	22	.3	3	2	111	.33	.083	5	34	.59	62	.12	2	1.99	.01	.04	1
L40000N 38450E	1	45	19	156	.4	25	9	252	4.38	23	5	ND	1	18	.2	3	2	85	.23	.102	7	45	.54	67	.08	2	2.54	.01	.03	1
L40000N 38500E	1	41	20	128	.3	28	9	232	5.06	17	5	ND	1	18	.2	3	2	95	.24	.117	7	45	.65	77	.10	2	2.86	.01	.03	1
L40000N 38550E	1	68	16	136	.3	19	9	229	2.62	10	5	ND	1	37	.2	2	2	75	.68	.067	9	27	.55	116	.09	2	1.63	.01	.03	1
L40000N 38600E	1	29	17	113	.3	34	8	217	4.43	29	5	ND	2	13	.2	3	2	83	.17	.069	6	57	.59	74	.08	2	2.37	.01	.03	1
L40000N 38650E	1	53	14	111	.3	40	10	288	3.14	16	5	ND	2	20	.2	2	2	64	.27	.062	7	51	.70	104	.08	3	2.06	.01	.05	2
L40000N 38700E	2	185	14	96	1.0	54	14	943	4.07	27	5	ND	1	83	.7	3	2	76	2.31	.106	17	51	.59	204	.02	3	1.79	.01	.05	2
L40000N 38750E	1	89	16	114	.4	66	14	568	3.86	26	5	ND	2	44	.6	3	2	73	.92	.058	16	70	.95	195	.07	4	2.11	.01	.07	1
L40000N 38800E	1	132	21	166	2.6	55	18	742	4.86	19	5	ND	2	48	1.8	5	2	97	1.17	.057	13	59	.80	167	.09	4	2.31	.01	.06	2
L40000N 38850E	1	385	21	146	1.7	78	16	1032	4.94	23	6	ND	1	73	1.3	7	2	87	1.87	.087	23	70	.85	240	.06	4	3.10	.01	.08	1
L40000N 38900E	1	107	13	98	.1	50	12	418	3.38	13	5	ND	1	30	.2	3	2	73	.57	.061	10	54	.86	123	.08	3	1.89	.01	.05	1
L40000N 38950E	1	35	30	160	.7	25	10	248	4.42	11	5	ND	2	23	.4	2	3	100	.36	.068	8	43	.51	88	.10	2	2.06	.01	.04	1
L40100N 40100E	1	502	9	66	.2	35	23	348	7.45	105	5	ND	2	34	.6	6	2	198	.63	.236	14	28	1.30	101	.21	5	4.64	.01	.07	1
L40200N 39850E	1	80	13	71	.3	42	25	366	6.64	15	5	ND	2	41	.4	8	2	163	.44	.091	8	29	1.38	113	.18	4	4.71	.02	.03	1
L40200N 41050E	1	137	10	56	.2	22	13	301	4.48	2	5	ND	2	94	.3	3	2	133	1.12	.070	6	27	.96	137	.13	2	2.36	.02	.04	1
L40200N 41100E	1	1652	14	117	1.0	31	30	2185	4.34	3	5	ND	1	100	4.0	2	2	105	1.63	.133	19	24	.50	154	.05	2	2.65	.01	.03	1
L40200N 41150E	2	1235	11	79	.7	21	22	1465	3.32	5	5	ND	1	127	2.1	2	2	75	2.80	.236	21	18	.36	151	.02	2	2.68	.01	.03	1
L40200N 41200E	3	837	8	69	.7	13	12	1400	1.97	4	5	ND	1	119	1.2	2	2	47	2.78	.217	25	13	.28	123	.01	5	2.38	.01	.02	2
L40200N 41250E	1	88	11	66	.4	25	10	235	4.57	8	5	ND	1	63	.3	4	2	104	.56	.133	10	32	.70	147	.08	2	3.12	.01	.03	1
L40200N 41300E	1	39	9	83	.3	28	9	263	4.58	11	5	ND	1	39	.2	2	2	103	.43	.189	7	48	.65	125	.08	3	1.84	.01	.04	1
L40200N 41350E	1	56	14	102	.4	32	13	296	4.73	7	5	ND	1	47	.3	5	2	107	.50	.192	7	46	.77	122	.07	3	3.27	.01	.04	2
L40200N 41400E	1	79	10	53	.2	27	10	232	4.08	7	5	ND	1	50	.2	3	2	102	.47	.065	7	40	.71	86	.09	2	1.99	.01	.03	2
L40200N 41450E	3	626	10	65	.2	34	16	899	3.96	5	5	ND	1	71	.2	2	2	98	1.17	.162	19	43	.86	141	.05	3	2.34	.01	.03	2
L40200N 41500E	1	104	13	86	.2	29	21	495	6.39	12	5	ND	2	64	.6	5	2	176	.92	.118	8	31	.91	162	.11	2	2.67	.02	.04	1
L40200N 41550E	1	80	9	82	.3	28	15	830	3.53	3	5	ND	1	77	.5	2	2	107	.72	.059	10	35	.75	221	.07	3	2.33	.01	.04	1
L40200N 41600E	1	19	10	89	.1	14	8	373	4.60	8	5	ND	1	73	.6	2	2	147	.78	.041	5	28	.35	150	.13	3	1.33	.01	.01	2
L40200N 41650E	1	1	14	62	.1	11	6	203	4.75	2	5	ND	2	29	.2	2	2	160	.26	.065	9	28	.36	92	.14	2	1.36	.01	.03	2
L40200N 41700E	1	67	14	122	.4	10	22	596	3.22	2	5	ND	1	80	.4	2	2	59	1.54	.184	14	10	.14	465	.01	2	1.94	.01	.04	1
L40200N 41800E	1	48	9	72	.3	37	11	352	4.06	3	5	ND	1	47	.3	3	2	96	.42	.066	8	53	.82	171	.08	2	2.16	.01	.06	2
L40200N 41850E	1	37	10	92	.2	27	14	348	6.03	6	5	ND	2	47	.4	3	2	163	.50	.309	5	50	.82	121	.10	2	2.37	.01	.06	1
L40200N 41900E	1	132	11	63	.2	31	11	213	3.45	2	5	ND	1	66	.3	3	2	82	.65	.071	10	36	.75	214	.06	2	2.63	.02	.04	1
L40200N 41950E	1	32	9	79	.1	35	9	172	5.06	7	5	ND	2	29	.4	3	2	107	.28	.157	7	50	.57	91	.10	2	2.25	.01	.03	2
L40200N 42000E	1	21	7	74	.1	28	9	362	3.60	3	5	ND	1	41	.2	2	2	86	.47	.157	6	42	.52	124	.07	2	1.71	.01	.04	2
L40200N 42050E	1	236	13	97	1.3	76	22	2411	4.90	8	5	ND	1	93	.8	2	3	86	1.35	.093	24	62	.68	321	.06	2	3.20	.01	.06	1
L40200N 42100E	1	12	8	70	.1	69	10	296	3.93	6	5	ND	2	36	.3	2	2	89	.39	.103	6	44	.91	105	.09	2	1.53	.01	.05	1
L40200N 42150E	1	39	7	80	.1	31	10	322	3.60	6	5	ND	1	44	.5	2	2	80	.50	.071	7	44	.61	157	.09	2	1.61	.01	.05	1
STANDARD C	18	57	37	131	7.2	70	32	963	4.24	37	16	7	39	53	18.5	16	21	57	.53	.093	38	58	.97	181	.09	32	2.01	.06	.14	11

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	Tl %	B ppm	Al %	Na %	K %	W ppm
L40200N 42200E	2	294	26	157	.9	105	20	1929	5.59	10	5	ND	2	94	2.2	2	2	87	1.60	.122	21	81	1.22	729	.04	6	4.97	.01	.11	3
L40200N 42250E	1	7	15	42	.1	6	3	122	1.60	5	5	ND	1	49	.2	2	2	47	.45	.028	6	15	.15	83	.06	2	.90	.01	.02	1
L40200N 42300E	1	22	2	79	.1	22	11	290	4.21	7	5	ND	1	61	.6	2	2	82	.51	.180	8	39	.76	204	.09	2	1.95	.01	.03	1
L40200N 42350E	1	15	3	57	.1	15	11	292	5.03	4	5	ND	1	61	.2	2	6	178	.59	.041	4	26	.32	168	.11	2	.96	.01	.03	1
L40200N 42400E	1	12	9	47	.1	17	6	199	2.46	8	5	ND	2	58	.2	2	2	59	.47	.062	8	32	.51	133	.09	3	1.36	.01	.03	1
L40200N 42500E	2	25	4	56	.1	15	9	251	3.73	6	5	ND	1	55	.2	2	4	88	.46	.082	6	29	.58	174	.05	3	1.62	.01	.03	1
L40200N 42550E	1	21	8	72	.1	11	9	323	4.83	7	5	ND	1	47	.2	3	3	106	.32	.138	5	26	.49	99	.04	2	1.64	.01	.04	1
L40200N 42600E	1	29	10	72	.1	16	11	237	4.83	10	5	ND	2	63	.2	2	2	115	.39	.286	6	32	.51	169	.09	2	2.76	.01	.03	1
L40200N 42650E	1	13	11	48	.1	6	5	170	3.32	7	5	ND	1	38	.2	2	2	90	.31	.038	5	18	.13	160	.04	5	1.05	.01	.04	1
L40200N 42700E	1	3	6	20	.1	8	3	90	1.49	5	5	ND	1	49	.3	2	2	45	.33	.024	7	20	.18	73	.07	2	.94	.01	.01	2
L40200N 42800E	1	16	11	72	.1	7	8	280	3.67	6	5	ND	1	69	.6	2	2	88	.40	.166	6	18	.38	147	.06	2	1.88	.01	.03	1
L40200N 42850E	1	24	2	79	.1	19	10	381	4.33	8	5	ND	1	61	.7	2	6	97	.47	.177	5	37	.41	266	.06	2	1.44	.01	.03	2
L40200N 42900E	1	12	4	68	.1	8	6	553	2.70	5	5	ND	1	53	.2	2	2	77	.44	.049	4	25	.21	137	.06	6	1.13	.01	.03	1
L40200N 42950E	1	7	4	48	.2	6	4	146	1.72	2	5	ND	1	46	.2	2	2	51	.38	.025	6	18	.15	114	.07	2	.73	.01	.03	2
L40200N 43050E	1	727	12	134	1.4	130	19	1719	5.22	28	7	ND	4	177	1.8	2	2	74	1.43	.096	53	130	1.43	824	.04	2	4.04	.01	.09	1
L40400N 37500E	2	108	530	1462	2.8	25	12	1175	7.15	835	5	ND	1	10	2.5	42	2	74	.16	.107	4	34	.21	63	.01	2	1.55	.01	.05	1
L40400N 37550E	2	279	13144	568	368.9	7	9	938	11.52	20743	6	3	1	29	6.8	807	4	49	.08	.202	3	28	.11	142	.02	2	1.12	.02	.11	1
L40400N 37600E	2	29	136	278	3.4	26	12	494	5.28	235	5	ND	1	15	.7	6	4	97	.15	.104	5	55	.45	100	.03	2	2.52	.01	.03	1
L40400N 37650E	1	40	62	404	1.9	36	15	1868	3.54	99	5	ND	1	24	2.3	3	3	71	.49	.032	7	56	.63	164	.04	4	2.17	.01	.04	1
L40400N 37700E	2	53	87	430	1.8	45	18	2689	4.29	112	5	ND	1	28	5.2	2	2	79	.64	.046	7	59	.61	178	.04	3	2.36	.01	.03	1
L40400N 37750E	1	60	24	141	.4	29	14	412	4.24	46	5	ND	2	21	.5	3	2	81	.23	.076	8	44	.60	131	.04	5	2.49	.01	.03	1
L40400N 37800E	2	28	43	220	1.1	39	10	417	4.22	81	5	ND	1	16	.9	2	2	80	.21	.092	6	60	.62	110	.05	4	2.15	.01	.05	1
L40400N 37850E	2	27	29	158	.4	44	11	308	3.60	59	5	ND	1	19	1.5	2	2	72	.23	.060	7	59	.68	97	.05	3	1.90	.01	.04	1
L40400N 37900E	1	25	23	171	.2	39	9	344	3.62	55	5	ND	1	18	.4	2	2	74	.24	.060	6	58	.63	108	.06	5	1.77	.01	.04	1
L40400N 37950E	2	42	58	285	1.2	32	14	471	4.70	171	5	ND	1	24	1.8	3	3	102	.42	.045	6	50	.51	116	.08	3	2.17	.01	.03	1
L40400N 38000E	2	821	49	684	1.8	90	25	1425	5.54	448	5	ND	1	54	7.0	2	2	112	1.42	.047	24	77	1.31	216	.08	6	3.86	.04	.09	1
L40400N 38050E	3	189	76	444	2.1	68	23	1792	4.70	222	5	ND	1	47	6.7	2	2	93	.81	.058	12	64	1.08	203	.06	2	3.36	.02	.07	1
L40400N 38100E	2	23	10	122	.1	29	7	227	2.64	23	5	ND	1	17	.5	2	2	54	.20	.035	7	48	.51	114	.05	2	1.72	.01	.05	1
L40400N 38150E	2	27	12	116	.1	44	8	223	3.25	34	5	ND	1	20	.4	2	4	65	.29	.034	7	61	.58	130	.06	3	1.51	.01	.04	1
L40400N 38200E	1	30	12	104	.2	37	9	479	2.54	22	5	ND	1	30	.5	2	2	60	.54	.039	8	55	.64	168	.05	2	1.57	.01	.04	1
L40400N 38250E	1	47	10	135	.1	46	11	467	2.95	27	5	ND	1	25	.2	2	5	59	.38	.028	7	61	.67	133	.05	4	1.64	.01	.05	1
L40400N 38300E	1	59	12	98	.2	22	7	269	3.46	15	5	ND	1	71	.3	2	2	70	.21	.113	6	43	.48	78	.08	4	1.93	.01	.04	1
L40400N 38350E	1	20	14	81	.3	26	7	197	2.94	27	5	ND	1	18	.2	2	2	65	.18	.093	7	55	.41	82	.06	2	1.39	.01	.03	1
L40400N 38400E	1	31	12	108	.2	35	9	341	2.39	7	5	ND	1	32	.2	2	2	53	.51	.056	8	49	.72	129	.06	2	1.56	.01	.03	1
L40400N 38450E	2	80	16	157	.3	48	16	963	3.55	25	5	ND	1	43	1.2	2	2	71	.84	.074	10	69	.76	165	.06	5	1.78	.01	.06	1
L40400N 38500E	1	38	12	83	.1	39	10	446	2.58	11	5	ND	1	37	.7	2	2	56	.63	.089	10	54	.68	92	.07	4	1.12	.01	.03	1
STANDARD C	18	58	37	131	7.1	70	31	1027	4.01	38	17	6	36	52	18.6	18	21	56	.52	.094	36	59	.93	180	.08	35	1.93	.06	.14	11

✓ 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
L40400N 38550E	1	76	17	101	.1	61	12	718	3.42	28	5	ND	1	49	.7	3	2	68	1.04	.067	11	58	.89	179	.08	5	1.80	.02	.08	1
L40400N 38600E	1	71	16	89	.3	57	13	600	3.71	25	5	ND	1	40	1.2	3	2	87	.83	.061	12	62	.86	171	.09	2	1.96	.02	.06	1
L40400N 38650E	1	57	13	97	.1	52	13	440	3.59	26	5	ND	1	36	1.0	3	2	83	.72	.024	9	59	.73	179	.08	6	2.07	.01	.05	1
L40400N 38700E	1	41	8	117	.1	34	9	297	3.21	21	5	ND	1	29	1.0	2	2	83	.46	.019	8	48	.66	154	.09	6	1.80	.01	.04	1
L40400N 38750E	1	102	17	103	.3	56	14	645	3.82	31	5	ND	1	50	1.0	2	2	88	1.12	.060	15	64	.95	172	.08	4	2.00	.02	.07	2
L40400N 38800E	1	114	5	94	1.4	29	5	522	1.78	14	5	ND	1	104	1.7	2	2	40	3.31	.106	11	20	.37	203	.02	8	.99	.01	.05	1
L40400N 38850E	2	30	12	84	.1	22	7	217	3.84	25	5	ND	1	26	1.3	6	3	107	.36	.093	6	43	.38	111	.09	3	1.34	.01	.04	1
L40400N 38900E	3	159	16	129	1.0	28	14	2686	3.37	22	5	ND	1	45	1.3	3	2	82	1.06	.083	21	36	.40	131	.06	6	2.17	.01	.05	1
L40400N 38950E	1	63	19	117	.1	48	13	411	4.20	21	5	ND	1	32	1.2	2	6	93	.41	.067	9	56	.77	155	.09	4	2.19	.01	.05	1
L40600N 40050E	1	2738	10	99	.6	50	14	1205	3.92	25	5	ND	1	98	1.7	2	2	90	1.60	.090	16	46	.94	227	.08	6	3.24	.03	.06	1
L40600N 40075E TEST PIT #2	1	1298	18	86	.6	42	14	958	3.91	43	5	ND	1	80	2.1	2	2	115	1.36	.065	10	45	.68	190	.08	4	2.64	.02	.05	1
L40600N 40075E TEST PIT #3	1	695	14	67	.1	62	14	595	4.08	29	5	ND	1	98	.9	2	2	101	1.14	.104	10	52	1.13	234	.09	9	2.70	.03	.07	1
L40800N 37000E	1	26	9	114	.1	40	9	349	3.00	22	5	ND	1	24	.5	3	2	68	.36	.021	7	64	.44	115	.07	7	1.61	.01	.03	1
L40800N 37050E	2	58	28	263	.1	52	18	678	5.75	67	5	ND	1	24	1.2	2	4	108	.31	.102	7	56	.67	205	.05	2	3.62	.01	.06	1
L40800N 37100E	1	82	21	177	.7	42	13	1123	3.70	55	5	ND	1	48	1.5	3	4	65	1.13	.027	9	47	.65	241	.04	7	2.16	.02	.05	1
L40800N 37150E	3	57	5	146	.2	26	17	407	6.11	46	5	ND	1	23	.9	6	5	108	.44	.043	3	40	.24	231	.01	7	1.97	.01	.06	1
L40800N 37200E	3	267	27	323	.4	153	50	3241	7.09	72	5	ND	1	45	2.5	6	2	110	.57	.135	5	48	1.92	277	.06	7	4.32	.01	.08	1
L40800N 37250E	1	29	89	166	.3	44	8	307	2.92	65	5	ND	1	38	.9	3	3	61	.82	.039	6	58	.54	141	.05	8	1.54	.01	.05	1
L40800N 37300E	1	38	10	158	.8	45	10	729	2.80	26	5	ND	1	34	1.0	2	2	56	.64	.034	10	56	.61	167	.04	3	1.87	.01	.05	1
L40800N 37350E	1	48	18	139	.2	41	11	324	4.77	34	5	ND	1	20	.7	2	2	84	.23	.088	6	66	.61	96	.06	7	2.27	.01	.03	1
L40800N 37400E	1	71	17	348	.3	29	17	675	7.59	24	5	ND	1	31	2.3	2	4	180	.29	.112	6	57	.75	87	.14	6	2.87	.01	.04	1
L40800N 37450E	1	46	24	201	.1	42	11	314	4.25	38	5	ND	1	31	.8	2	2	95	.48	.059	7	57	.49	121	.05	3	2.10	.01	.05	1
L40800N 37500E	1	33	342	602	5.9	47	9	626	4.58	712	5	ND	1	21	3.0	10	2	60	.23	.073	6	58	.47	112	.03	3	1.71	.01	.05	1
L40800N 37550E	3	69	164	1520	9.6	70	15	2927	4.29	315	5	ND	1	49	10.5	7	3	63	1.32	.060	15	67	.75	301	.04	13	2.40	.01	.05	1
L40800N 37600E	5	75	82	1125	1.2	36	19	1246	6.47	216	5	ND	1	19	6.4	7	2	80	.35	.063	8	35	.32	114	.01	5	2.42	.01	.04	1
L40800N 37650E	4	517	1512	7128	33.0	61	21	2325	13.07	3645	5	ND	1	33	56.9	73	3	61	1.10	.102	27	52	.39	95	.03	5	2.87	.01	.04	1
L40800N 37700E	3	42	50	346	1.3	38	8	307	4.07	438	5	ND	1	14	1.0	6	5	90	.19	.029	6	50	.39	73	.03	2	1.92	.01	.03	1
L40800N 37750E	3	32	22	204	.1	37	7	367	4.46	92	5	ND	1	17	.6	4	2	115	.20	.080	6	57	.46	92	.07	6	2.15	.01	.04	1
L40800N 37800E	2	24	23	155	.1	35	9	261	3.96	161	5	ND	1	16	.6	2	2	95	.19	.056	6	59	.33	84	.05	3	2.12	.01	.03	1
L40800N 37850E	6	111	16	351	.9	105	15	2761	3.96	47	5	ND	1	34	4.1	2	2	74	1.06	.026	14	69	.54	165	.04	7	2.85	.01	.04	1
L40800N 37900E	2	158	17	177	.3	72	16	975	4.25	32	5	ND	1	27	1.4	2	2	86	.77	.032	8	70	.82	111	.15	4	2.98	.01	.03	1
L40800N 37950E	2	108	23	602	.4	57	16	1290	4.03	110	5	ND	1	47	2.0	2	2	72	1.58	.044	6	51	.67	115	.12	9	1.99	.02	.04	1
L40800N 38050E	2	31	16	147	.1	39	9	282	3.88	61	5	ND	1	22	.8	3	2	90	.37	.043	5	58	.62	86	.06	4	1.57	.01	.03	1
L40800N 38100E	2	16	21	136	.5	20	7	212	3.90	43	5	ND	1	15	.6	3	2	76	.15	.048	7	53	.36	71	.07	2	1.77	.01	.02	1
L40800N 38150E	1	17	10	63	.1	20	4	141	2.33	16	5	ND	1	14	.7	2	2	60	.17	.060	7	48	.36	66	.07	2	1.30	.01	.02	1
L40800N 38200E	1	57	15	158	.1	57	11	614	3.18	43	5	ND	1	40	1.2	2	2	69	.88	.066	9	65	.73	140	.06	6	1.47	.01	.05	1
STANDARD C	18	57	37	132	7.2	70	28	1028	4.00	40	16	7	37	53	17.7	16	19	55	.52	.092	37	60	.93	178	.07	33	1.94	.06	.14	14

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm
L40800N 38250E	1	39	14	104	.1	51	14	433	2.95	24	5	ND	1	28	1.0	2	2	60	.39	.066	9	66	.76	116	.06	7	1.49	.01	.03	1
L40800N 38300E	1	12	10	73	.1	16	4	144	2.36	7	5	ND	1	16	.2	2	2	66	.18	.053	6	42	.29	101	.09	9	1.25	.01	.03	2
L40800N 38350E	1	18	10	90	.1	24	8	278	4.02	19	5	ND	1	19	.2	2	5	103	.24	.163	6	49	.30	84	.08	4	1.92	.01	.03	1
L40800N 38400E	2	29	18	121	.2	37	11	328	4.64	27	5	ND	1	20	.7	2	2	122	.28	.174	6	61	.43	81	.08	4	2.36	.01	.03	1
L40800N 38450E	1	15	14	101	.2	14	7	362	2.64	3	5	ND	1	28	.7	2	2	72	.39	.048	7	36	.27	95	.10	8	1.02	.01	.06	2
L40800N 38500E	2	53	21	127	.1	43	12	310	4.31	22	5	ND	2	29	.2	2	2	106	.34	.077	7	47	.59	111	.10	7	2.12	.01	.05	1
L40800N 38550E	1	91	12	117	.1	24	10	254	4.43	14	5	ND	2	16	.4	2	2	107	.19	.243	6	38	.46	108	.14	3	3.32	.01	.04	1
L40800N 38600E	1	37	21	198	.2	37	13	309	4.60	42	5	ND	1	16	.3	3	2	122	.24	.110	4	51	.62	93	.09	11	2.24	.01	.04	1
L40800N 38650E	1	89	10	105	.3	32	11	896	3.39	10	5	ND	1	42	.3	2	2	78	.61	.051	10	44	.71	142	.08	5	2.16	.02	.04	1
L40800N 38700E	1	25	14	117	.2	20	8	252	4.22	12	5	ND	2	29	.2	2	2	100	.25	.124	7	39	.44	90	.12	2	1.73	.01	.04	1
L40800N 38750E	1	7	10	49	.1	10	4	98	1.70	5	5	ND	1	17	.6	2	2	48	.18	.026	9	32	.21	73	.07	3	1.22	.01	.02	1
L40800N 38850E	1	43	8	90	.2	41	10	224	3.77	13	5	ND	1	26	.2	2	2	77	.35	.122	8	60	.64	90	.08	9	1.95	.01	.04	1
L40800N 38900E	1	20	10	54	.1	17	6	150	3.33	10	5	ND	1	20	.2	2	2	85	.21	.065	7	44	.32	83	.08	4	1.97	.01	.02	1
L40800N 38950E	1	26	8	84	.1	19	9	311	4.22	4	5	ND	2	27	.3	2	3	117	.37	.101	7	33	.46	83	.13	7	1.68	.02	.05	1
L40800N 40050E	1	337	4	141	.3	19	21	843	6.59	13	5	ND	1	157	.9	2	2	144	.90	.281	8	21	1.29	487	.12	2	4.99	.02	.06	1
L41000N 39500E	1	137	10	67	.1	46	12	481	3.29	14	5	ND	1	76	.2	2	2	72	.98	.083	9	58	.87	145	.06	4	1.94	.02	.05	1
L41000N 39550E	1	132	16	128	.3	17	21	628	6.41	13	5	ND	1	94	.8	2	2	178	.97	.121	8	31	.71	202	.09	8	3.01	.02	.04	1
L41000N 39650E	1	207	15	81	.1	73	18	595	4.24	18	5	ND	1	90	.4	2	2	85	.83	.091	10	62	1.11	271	.07	5	3.18	.03	.06	1
L41000N 39700E	1	138	4	86	.1	66	17	748	4.00	18	5	ND	1	96	.3	2	2	86	1.03	.121	12	62	1.09	204	.10	6	2.15	.04	.07	2
L41000N 39750E	1	70	6	73	.1	55	15	542	3.75	9	5	ND	1	55	.3	2	2	87	.71	.073	8	65	.84	216	.08	6	2.34	.02	.06	1
L41000N 39800E	1	1460	19	133	.7	72	23	1605	5.34	14	5	ND	1	139	1.9	2	2	124	1.60	.066	10	58	1.09	291	.08	6	4.02	.05	.07	1
L41000N 39850E	1	148	8	197	.5	14	24	715	5.57	6	5	ND	1	118	1.0	2	2	137	.88	.354	6	14	.89	213	.07	6	4.34	.04	.06	1
L41000N 39900E	1	87	8	131	.1	7	14	814	4.98	4	5	ND	1	252	.4	2	4	109	1.22	.406	6	10	1.01	355	.06	3	6.06	.09	.07	1
L41000N 39950E	1	86	12	81	.2	12	12	398	7.06	8	5	ND	2	96	.3	2	3	111	.76	.465	8	14	.68	190	.08	5	5.62	.02	.05	1
L41000N 40050E	1	455	52	105	.4	19	30	456	5.09	10	5	ND	1	80	1.4	2	2	141	.86	.386	6	19	1.21	77	.08	5	7.50	.01	.03	1
L41000N 40100E	1	212	2	102	.1	27	17	505	5.14	7	5	ND	1	83	.4	2	2	149	.57	.091	7	32	.99	160	.11	2	3.49	.02	.04	1
L41000N 40150E	1	490	5	105	.6	15	17	529	5.72	7	5	ND	1	63	.5	2	2	166	.37	.158	5	19	1.29	114	.03	2	3.82	.01	.05	1
L41000N 40250E	1	46	5	68	.1	26	11	231	5.14	9	5	ND	1	33	.2	2	2	154	.29	.068	5	37	.54	126	.09	7	2.09	.01	.02	1
L41000N 40300E	1	116	19	59	.1	37	22	332	6.14	9	5	ND	1	40	.4	2	2	190	.44	.050	4	30	1.05	96	.14	2	2.69	.01	.03	1
L41000N 40350E	1	81	4	78	.1	30	20	358	6.55	9	5	ND	1	38	.6	2	3	195	.37	.047	6	27	.99	136	.13	5	2.95	.01	.03	1
L41000N 40400E	5	164	20	133	.3	8	19	584	9.90	15	5	ND	3	68	1.7	2	3	205	.71	.171	9	11	1.13	174	.04	2	4.55	.01	.04	1
L41000N 40500E	2	675	11	118	.6	33	18	496	6.02	23	5	ND	2	93	1.3	2	2	161	1.25	.104	13	26	.91	266	.08	5	3.60	.02	.05	1
L41200N 37000E	3	52	21	275	.1	58	13	342	3.72	101	5	ND	1	15	.4	2	2	93	.21	.076	5	58	.61	115	.04	3	2.37	.01	.02	1
L41200N 37050E	2	80	11	354	.8	53	21	772	5.19	107	5	ND	1	42	1.2	2	2	107	.31	.159	7	52	.91	155	.09	8	3.20	.02	.05	1
L41200N 37100E	1	11	7	82	.2	16	5	115	2.29	27	5	ND	1	17	.2	2	2	62	.19	.039	5	43	.22	63	.06	7	.92	.01	.03	1
L41200N 37150E	1	36	11	87	.2	55	11	517	2.90	14	5	ND	1	27	.2	2	2	52	.39	.037	10	64	.66	161	.07	3	1.37	.01	.08	1
STANDARD C	18	57	37	132	7.2	72	30	1025	3.99	40	18	6	37	53	17.1	15	21	55	.51	.095	37	58	.92	179	.07	37	1.94	.06	.14	11

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 %	M ppm
L41200N 37200E	1	38	12	75	.3	73	13	518	2.94	19	5	ND	1	26	.2	2	2	49	.53	.040	9	72	.78	144	.07	11	1.42	.01	.09	1
L41200N 37300E	1	41	8	144	.1	48	18	519	4.36	41	5	ND	1	23	.2	2	2	64	.31	.096	6	65	.55	108	.04	5	2.08	.01	.06	1
L41200N 37350E	1	41	24	200	.2	55	12	622	2.94	52	5	ND	1	32	.9	2	2	53	.67	.067	9	64	.61	112	.05	10	1.23	.01	.05	1
L41200N 37400E	1	74	90	454	1.8	24	30	3721	3.83	94	5	ND	1	49	11.0	5	2	69	1.24	.288	3	24	.59	338	.02	10	1.52	.01	.08	1
L41200N 37450E	3	108	34	357	.9	45	45	5325	6.28	90	5	ND	1	43	6.4	2	2	121	.87	.093	8	40	.76	260	.01	3	3.20	.01	.12	1
L41200N 37500E	1	12	11	112	.2	31	8	258	2.25	17	5	ND	1	19	.2	2	2	49	.26	.026	6	54	.41	97	.06	5	1.22	.01	.05	1
L41200N 37550E	2	84	50	490	2.6	76	13	966	3.55	112	5	ND	1	50	3.5	3	2	56	1.53	.058	10	75	.81	305	.03	5	1.86	.01	.07	1
L41200N 37600E	1	43	17	162	.3	52	13	420	3.02	29	5	ND	1	40	.9	2	2	63	.92	.027	9	69	.52	282	.04	2	1.67	.01	.05	1
L41200N 37650E	3	105	256	920	6.3	83	25	1277	6.53	501	5	ND	1	37	4.0	12	2	85	.80	.055	7	59	.63	321	.02	9	2.48	.01	.08	1
L41200N 37700E	4	52	127	521	1.8	38	22	832	6.09	320	5	ND	1	31	2.7	3	5	107	.60	.061	8	49	.50	228	.03	3	2.32	.01	.05	1
L41200N 37750E	1	28	10	98	.2	54	12	469	2.83	26	5	ND	1	32	.2	2	2	53	.50	.031	9	66	.75	169	.07	3	1.35	.01	.05	1
L41200N 37800E	1	69	38	365	1.2	65	29	1568	6.21	68	5	ND	1	59	3.3	4	2	98	.50	.151	5	64	1.16	493	.04	5	3.23	.02	.09	1
L41200N 37850E	8	251	55	412	13.3	165	19	4023	4.59	148	5	ND	1	91	13.8	5	2	67	3.45	.269	18	93	.66	526	.02	13	3.06	.01	.10	1
L41200N 37900E	1	39	26	155	.5	62	13	349	3.56	49	5	ND	1	22	.2	3	2	64	.35	.070	7	70	.68	120	.06	8	1.77	.01	.06	1
L41200N 37950E	2	49	35	560	.4	38	25	680	6.32	165	5	ND	1	25	1.0	2	2	91	.35	.152	7	44	.67	116	.10	4	2.96	.01	.05	1
L41200N 38000E	9	38	43	399	.2	32	15	738	7.23	638	5	ND	2	8	1.0	2	2	161	.15	.088	7	41	.69	49	.01	6	2.57	.01	.04	1
L41200N 38050E	13	93	144	510	1.4	27	15	606	10.49	1771	5	ND	2	9	1.6	9	7	169	.10	.115	5	63	.43	63	.01	2	2.76	.01	.05	1
L41200N 38100E	4	207	4	274	.1	15	24	658	9.08	42	5	ND	2	21	2.0	2	3	226	.37	.164	7	18	1.15	110	.35	2	3.43	.02	.14	1
L41200N 38150E	1	100	9	178	.1	38	9	234	2.40	12	5	ND	1	28	.4	2	2	51	.56	.015	9	56	.58	82	.06	5	1.63	.01	.03	1
L41200N 38200E	2	36	18	146	.1	50	12	319	4.11	27	5	ND	1	22	.2	2	2	81	.35	.041	7	67	.58	106	.07	6	2.16	.01	.10	1
L41200N 38250E	2	26	99	357	1.8	12	11	531	5.85	109	5	ND	2	22	1.7	7	2	169	.26	.073	6	23	.33	107	.06	4	1.92	.01	.08	1
L41200N 38300E	1	38	22	124	.1	15	6	195	2.75	15	5	ND	1	27	.3	2	4	104	.35	.023	7	44	.42	88	.08	2	1.79	.01	.03	1
L41200N 38350E	2	81	53	327	.4	50	23	557	5.38	41	5	ND	2	29	.4	2	2	126	.34	.109	6	52	1.05	140	.11	5	3.44	.02	.06	1
L41200N 38400E	1	35	14	78	.1	47	11	190	3.30	19	5	ND	1	27	.2	2	2	67	.32	.040	7	62	.66	154	.07	4	1.82	.01	.03	1
L41200N 38450E	1	32	9	79	.1	32	8	243	3.30	19	5	ND	2	19	.2	2	2	74	.23	.079	8	60	.45	98	.07	2	1.64	.01	.03	1
L41200N 38500E	1	52	26	84	.1	45	15	556	3.52	16	5	ND	1	42	.2	2	4	83	.63	.075	9	55	.87	152	.09	6	1.60	.02	.07	1
L41200N 38550E	2	128	26	152	.4	31	17	391	6.48	46	5	ND	2	43	1.5	2	2	144	.39	.104	7	40	.81	121	.10	4	2.88	.01	.07	1
L41200N 38600E	2	128	13	165	.1	32	20	1468	5.75	17	5	ND	1	49	1.2	2	3	168	.82	.103	15	30	.89	204	.15	6	2.57	.02	.09	1
L41200N 38650E	1	24	3	72	.1	35	9	240	2.53	14	5	ND	1	24	.2	2	2	57	.35	.021	7	60	.58	145	.06	3	1.46	.01	.04	1
L41200N 38700E	1	100	9	91	.3	37	12	865	2.95	17	5	ND	1	58	.2	2	2	64	1.28	.051	10	48	.54	153	.04	2	1.39	.01	.05	1
L41200N 38750E	1	61	21	116	.2	10	11	597	5.13	12	5	ND	1	43	.8	2	2	156	.84	.097	7	17	.46	123	.10	3	1.34	.02	.07	1
L41200N 38800E	2	292	15	168	.1	45	27	484	8.21	16	5	ND	3	49	2.4	2	2	165	.80	.342	11	28	1.37	159	.24	8	4.36	.01	.08	1
L41200N 38850E	2	108	21	110	.1	35	14	507	5.98	40	5	ND	1	26	.2	2	2	110	.29	.151	7	47	.66	92	.05	3	2.51	.01	.04	1
L41200N 38900E	2	473	6	156	.5	7	19	4138	5.68	9	5	ND	1	89	1.6	2	2	119	2.03	.176	32	12	.44	249	.11	6	3.22	.01	.05	1
L41200N 38950E	2	206	17	116	.6	77	21	1689	4.74	18	5	ND	1	70	.9	2	5	93	1.31	.105	10	67	1.10	225	.06	7	4.19	.02	.08	1
STANDARD C	18	58	40	132	7.2	68	31	1026	4.03	62	23	6	36	53	17.6	15	17	55	.52	.096	37	59	.93	181	.07	35	1.95	.06	.14	12

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
L41400N 38500E	1	52	15	154	.1	45	14	330	3.09	14	5	ND	1	22	.8	2	2	50	.28	.036	6	59	.57	110	.05	7	1.35	.01	.04	1
L41400N 38550E	1	24	20	93	.3	24	7	246	3.15	12	5	ND	1	17	.2	2	2	61	.24	.044	6	48	.35	87	.05	4	1.20	.01	.03	1
L41400N 38600E	6	83	84	219	.5	7	13	510	7.09	31	5	ND	2	16	1.4	5	2	123	.24	.222	6	13	.36	141	.01	2	1.79	.01	.06	1
L41400N 38650E	4	411	165	107	.6	25	15	832	6.31	29	5	ND	1	41	.4	3	2	121	.76	.061	16	25	.45	241	.01	2	1.87	.01	.05	1
L41400N 38700E	2	77	36	155	.3	23	13	612	4.91	23	5	ND	1	28	.5	2	2	83	.46	.113	6	37	.38	142	.03	2	1.38	.01	.07	1
L41400N 38750E	1	51	14	59	.3	42	10	309	2.62	11	5	ND	1	37	.4	2	2	43	.53	.033	8	61	.66	143	.04	5	1.36	.01	.03	1
L41400N 38800E	1	118	21	97	.6	52	12	670	3.21	17	5	ND	1	92	1.4	2	2	62	1.51	.074	12	50	.69	157	.04	6	1.78	.01	.06	1
L41400N 38850E	1	20	8	55	.1	32	8	254	2.21	9	5	ND	1	27	.3	2	2	43	.32	.030	7	48	.47	127	.05	8	1.12	.01	.04	2
L41400N 38900E	1	86	25	116	.2	41	17	663	3.38	13	5	ND	1	148	.9	2	2	75	.80	.068	5	36	.87	191	.05	5	3.53	.02	.05	1
L41400N 38950E	1	122	18	66	.2	17	20	331	5.66	20	5	ND	1	185	.6	2	2	154	.97	.163	4	13	1.06	169	.05	3	6.35	.03	.04	1
L41600N 40125E	1	974	27	69	.8	8	9	442	4.88	16	5	ND	1	131	1.5	2	2	122	2.12	.086	11	9	.92	222	.09	5	4.46	.01	.02	1
L41600N 40825E	2	1049	20	62	.4	34	44	916	4.15	18	5	ND	1	178	.9	2	2	94	2.14	.214	14	18	.89	314	.04	2	3.65	.01	.04	1
L41800N 40350E	3	1750	20	84	.2	31	21	566	5.74	14	5	ND	1	133	1.2	2	2	114	1.27	.149	11	26	.91	102	.09	2	3.93	.01	.06	1
L42000N 40025E	1	919	19	138	.7	56	12	995	3.32	25	5	ND	1	101	1.3	2	2	96	1.56	.060	14	55	.85	152	.04	7	2.40	.03	.05	1
L42600N 40625E	2	351	24	78	.3	45	19	846	4.67	23	5	ND	1	44	.2	2	2	122	.69	.047	8	51	.66	125	.07	3	1.97	.01	.05	1
L43225 37000E	1	32	13	65	.1	45	8	241	2.66	8	5	ND	1	19	.2	2	2	44	.23	.067	8	64	.68	109	.06	3	1.30	.01	.04	1
L43225 37100E	1	14	6	64	.1	20	6	310	2.95	7	5	ND	1	14	.6	2	2	67	.13	.051	5	43	.15	148	.02	3	.86	.01	.04	2
L43225 37150E	2	28	12	113	.1	32	10	349	3.87	18	5	ND	1	17	.3	2	2	76	.24	.149	4	50	.49	164	.02	4	1.70	.01	.04	1
L43225 37200E	1	21	13	140	.2	30	9	256	4.40	21	5	ND	1	23	.7	2	2	84	.22	.117	4	50	.37	212	.01	2	1.59	.01	.05	1
L43225 37250E	1	16	10	53	.1	34	6	137	1.83	7	5	ND	1	19	.2	2	2	36	.22	.035	6	44	.44	130	.03	3	1.11	.01	.02	1
L43225 37300E	1	7	10	30	.1	24	3	109	1.17	5	5	ND	1	17	.3	2	2	27	.22	.030	5	33	.41	73	.05	4	.74	.01	.02	1
L43225 37350E	1	9	9	50	.1	27	4	127	1.41	5	5	ND	1	16	.2	2	5	29	.23	.026	6	38	.45	85	.05	5	.93	.01	.02	1
L43225 37400E	1	12	14	56	.1	36	5	160	1.82	8	5	ND	1	17	.3	2	2	35	.25	.042	7	49	.55	97	.05	5	1.02	.01	.02	1
L43225 37450E	1	20	7	80	.1	55	8	256	2.42	11	5	ND	1	24	.6	2	2	43	.34	.070	9	64	.73	140	.05	2	1.18	.01	.03	2
L43225 37500E	1	38	30	244	1.0	31	12	268	4.87	33	5	ND	1	28	1.1	2	2	100	.29	.232	5	53	.40	174	.04	2	1.91	.01	.04	1
L43225 37550E	1	67	29	124	.1	54	12	303	3.61	32	5	ND	1	21	.4	2	2	69	.29	.130	7	58	.64	122	.06	5	1.84	.01	.03	1
L43225 37600E	1	40	17	107	.1	44	11	574	3.06	25	5	ND	1	19	.5	2	2	60	.28	.126	6	56	.55	125	.06	2	1.45	.01	.03	1
L43225 37650E	1	53	20	127	.1	45	10	472	2.88	30	5	ND	1	24	.7	2	2	57	.37	.057	8	51	.47	169	.05	4	1.48	.01	.04	1
L43225 37700E	1	39	13	215	.3	31	12	1195	3.31	20	5	ND	1	39	2.3	2	2	78	.79	.134	5	43	.47	212	.05	4	1.22	.01	.06	1
L43225 37750E	1	47	23	166	.1	40	13	859	3.08	36	5	ND	1	29	.9	2	2	60	.54	.083	6	52	.62	183	.05	2	1.35	.01	.04	1
L43225 37800E	1	19	13	124	.1	27	12	494	3.63	12	5	ND	1	13	.9	2	2	66	.21	.120	3	39	.33	161	.01	7	1.27	.01	.07	2
L43225 37850E	1	122	14	105	.5	44	11	568	3.18	29	5	ND	1	26	.7	2	2	68	.51	.025	8	50	.50	444	.02	3	1.58	.01	.03	1
L43225 37900E	5	322	19	74	1.8	94	10	4126	1.44	18	7	ND	1	195	2.9	4	2	38	3.76	.143	9	47	.35	1291	.01	14	.78	.01	.03	1
L43225 37950E	1	60	12	95	.5	26	5	203	1.64	22	5	ND	1	123	3.0	2	2	35	2.75	.062	3	27	.36	345	.03	9	.69	.01	.03	1
L43225 38000E	3	127	17	125	.3	50	9	224	2.24	32	5	ND	1	55	1.0	2	3	54	1.22	.052	11	54	.69	301	.05	2	1.57	.01	.04	1
L43225 38050E	1	15	10	110	.1	60	9	285	2.69	9	5	ND	1	12	.8	2	2	41	.20	.167	5	64	.53	105	.07	4	1.92	.01	.04	1
L43225 38100E	1	15	12	59	.1	49	8	183	2.32	8	5	ND	1	13	.5	2	2	38	.19	.049	8	61	.48	128	.06	2	1.42	.01	.02	1
STANDARD C	19	58	42	132	7.2	73	30	1031	4.07	41	21	7	37	53	18.7	16	20	55	.53	.095	37	59	.94	181	.07	37	1.96	.06	.14	11

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
L43225 38150E	2	87	5	56	.8	104	5	958	1.55	2	6	ND	1	162	1.6	2	2	16	5.34	.183	16	42	.33	610	.01	6	1.49	.01	.02	1
L43225 38200E	1	132	14	84	.3	93	9	437	2.46	16	5	ND	1	76	.8	3	2	46	2.53	.068	16	68	.67	469	.04	4	1.49	.01	.05	1
L43225 38350E	5	163	8	77	.8	249	25	15228	3.18	24	6	ND	1	172	2.3	2	2	37	5.34	.143	10	58	.38	1399	.02	8	1.55	.01	.02	1
L43225 38400E	1	16	3	62	.1	42	7	246	1.88	2	5	ND	1	25	.2	2	2	49	.38	.026	8	63	.50	135	.08	3	1.23	.01	.03	1
L43225 38450E	1	45	9	84	.1	119	15	308	3.24	13	5	ND	2	16	.2	2	2	80	.22	.098	7	85	.97	139	.06	5	2.40	.01	.04	1
L43225 38500E	1	40	11	58	.3	46	5	149	1.96	4	5	ND	1	146	.4	3	2	27	3.56	.082	6	33	.39	595	.03	6	.93	.01	.03	1
L43225 38550E	1	26	2	48	.1	59	8	278	2.11	11	5	ND	2	31	.2	2	2	53	.46	.057	10	70	.65	123	.08	4	.99	.02	.03	2
L43225 38600E	1	17	6	114	.1	60	9	235	2.70	12	5	ND	1	19	.3	2	2	60	.25	.060	7	65	.45	102	.07	2	1.51	.01	.03	1
L43225 38650E	1	23	5	87	.3	37	10	1294	2.38	11	5	ND	1	29	.5	3	2	61	.51	.046	7	55	.46	178	.07	7	1.42	.01	.03	1
L43225 38700E	1	25	6	59	.1	60	8	197	2.85	9	5	ND	1	20	.4	2	2	65	.28	.069	7	77	.56	111	.08	6	1.54	.01	.03	1
L43225 38750E	1	14	11	46	.1	33	5	172	1.69	5	5	ND	1	23	.2	2	2	46	.32	.048	7	57	.53	91	.06	2	1.25	.01	.04	2
L43225 38800E	1	24	11	62	.1	63	9	202	2.29	3	5	ND	1	24	.2	2	2	49	.32	.064	9	66	.66	122	.07	2	1.56	.01	.04	1
L43225 38850E	1	22	4	82	.1	64	9	173	2.85	8	5	ND	2	19	.2	2	2	61	.19	.054	8	77	.37	131	.07	2	2.30	.01	.04	1
L43225 38900E	1	15	4	75	.1	44	9	221	2.72	6	5	ND	1	18	.5	2	2	60	.21	.162	7	73	.34	101	.07	2	1.99	.01	.03	1
L43225 38950E	1	68	26	139	.3	34	16	734	4.07	8	5	ND	1	43	.4	2	2	117	.37	.166	5	47	.58	86	.08	4	3.00	.01	.04	1

CONFIDENTIAL
 NORANDA EXPLORATION CO. LTD.
 1987

NORANDA VANCOUVER LABORATORY

File
284
Eagle
Results

PROPERTY/LOCATION EAGLE

CODE : 9007-011

Project No. : 284
Material : 3+3 SOILS
Remarks : 18 SILTS

Sheet: 1 of 7
Geol.: T.W.

Date rec'd: JUN 29
Date compl: JUL 12

Values in PPM, except where noted.

T. T. No.	SAMPLE No.	PPB Au
45A	L40000N-38000E	5
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47	38100	5
48	38150	5
49	38200	5
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52C	38300	5
53	38350	5
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57	38550	5
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60	38700 -35 MESH	5
61	38750	5
62	38800	5
63	38850	5
64	38900	5
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66	BL40000E-40025N	700
67	40050	10
68	40075	5
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73	40250	5
74	40275	5
75	40300	5
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86	40625	5
87	40650	5
88	40675	5
89	40700	5
90	40725	5
91	40750	5
92	40775	5
93	BL40000E-40800N	5

RECEIVED
JUL 19 1990

Copy to Terry

5.0g.

T.
No.

SAMPLE
No.

ppb
Au

94	BL40000E-40825N		0
95	40850		0
96	40875		0
97	40900		0
98	40925		0
99	40950		0
00C	40975		0
1P	41025		0
2	41050		0
3	41075		0
4	41100		0
5	41125		0
6	41150		0
7	41175		0
8	41225		0
9	41250		0
10	41275		0
11	41300		0
12	41325	-35 MESH 5.0g	0
13	41350		0
14	41375		0
15	41425		0
16	41450		0
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18	41500		0
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32	41900		0
33	41925		0
34	41950		0
35	41975		0
36	42025	-35 MESH	0
37	42050		0
38	42075		0
39	42100	5.0g	0
40	42125		0
41	42150		0
42	42175	-35 MESH 5.0g	0
43	42225	-35 MESH	0
44	42250		0
45	42275	-35 MESH	0
46	42300		0
47	42325	-35 MESH 5.0g	0
48	42350		0
49	42375		0
50P	BL40000E-42400N		0

L.T. Co.	SAMPLE No.	PPB Au
1	BL40000E-42450N	5
2	42475	5
3	42500	5
4	42525	5
5	42550	5
6	BL40000E-42575N	5
7	L40200N-39850E	5
8	41050	5
9	41100	5
10	41150 -35 MESH	5
11	41200 -35 MESH 5.0g	5
12	41250	5
13	41300	5
14	41350	5
15	41400	5
16	41450	5
17	41500 -35 MESH	5
18	41550	5
19	41600	5
20	41650	5
21	41700 5.0g	5
22	41800	5
23	41850 -35 MESH	5
24	41900	5
25	41950	5
26	42000	5
27	42050	5
28	42100	5
29	42150	5
30	42200 -35 MESH	5
31	42250	5
32	42300	5
33	42350 -35 MESH	5
34	42400	5
35	42500	5
36	42550	5
37	42600	5
38	42650	5
39	42700	5
40	42800	5
41	42850	5
42	42900	5
43	42950	5
44	L40200N-43050E	5
45	L38000E-39550N	5
46	39600	5
47	39650	5
48	39700	5
49	39750	5
50C	39800	5
2Y	39850	5
	39900	5
4	L38000E-39950N	5
5	L40400N-37500E-35 MESH	5
6	37550	3100
7	37600	5
8	L40400N-37650E	5

L.T. C.	SAMPLE No.	PPB Au
9	L40400N-37700E	50
10	37750	5
11	37800	5
12	37850	5
13	37900	5
14	37950	5
15	38000 -35 MESH	5
16	38050 -35 MESH	5
17	38100	5
18	38150	5
19	38200	5
20	38250	5
21	38300	5
22	38350	5
23	38400	5
24	38450	5
25	38500	5
26	38550	5
27	38600	5
28	38650	5
29	38700	5
30	38750 -35 MESH	5
31	38800 -35 MESH	5
32	38850	5
33	38900	5
34	L40400N-38950E	5
35	L40800N-37000E	5
36	37050	5
37	37100 -35 MESH	5
38	37150	5
39	37200 -35 MESH	5
40	37250	5
41	37300	5
42	37350	5
43	37400	5
44	37450	5
45	37500	120
46	37550	5
47	37600	5
48	37650	100
49	37700	5
50Y	37750	5
1E	37800	5
2	37850 -35 MESH	5
3	37900	5
4	37950	5
5	38050	5
6	38100	5
7	38150	5
8	38200	80
9	38250	5
10	38300	5
11	38350	5
12	38400	5
13	38450	5
14	38500	5
15	L40800N-38550E	5

. T. C.	SAMPLE No.	PPB Au
16	L40800N-38600E-35 MESH	5
17	38650	5
18	38700	5
19	38750	5
20	38850	5
21	38900	5
22	L40800N-38950E	5
23	L41000N-39500E	5
24	39550	5
25	39650	5
26	39700	5
27	39750	5
28	39800 -35 MESH	5
29	39850	5
30	39900	5
31	39950	5
32	40050	5
33	40100	5
34	40150	5
35	40250	5
36	40300	5
37	40350	5
38	40400	5
39	L41000N-40500E	5
40	L41200N-37000E	5
41	37050 -35 MESH	5
42	37100	5
43	37150	5
44	37200 -35 MESH	5
45	37300	5
46	37350	5
47	37400 -35 MESH 5.0g	60
48	37450	5
49	37500	5
50E	37550	5
52N	L41200N-37600E	5
53	37650 -35 MESH	5
54	37700 -35 MESH	5
55	37750	5
56	37800 -35 MESH	5
57	37850	30
58	37900	5
59	37950	5
60	38000	5
61	38050	5
62	38100	5
63	38150	5
64	38200	5
65	38250	5
66	38300	5
67	38350	5
68	38400	5
69	38450	5
70	38500	5
71	38550	5
72	38600 -35 MESH	5
73	L41200N-38650E	5

. T. C.	SAMPLE No.	ppb Au
74	L41200N-38700E	5
75	38750	5
76	38800	5
77	38850	5
78	38900	5
79	L41200N-38950E	5
80	L41400N-38500E	5
81	38550	5
82	38600 -35 MESH	5
83	38650 -35 MESH	5
84	38700	5
85	38750	5
86	38800	5
87	38850	5
88	38900	5
89	L41400N-38950E	5
90	L43225-37000E	5
91	37100	5
92	37150 -35 MESH	5
93	37200 -35 MESH	5
94	37250	5
95	37300	5
96	37350	5
97	37400	5
98	37450	5
99	37500	5
00N	37550	5
58P	37600	5
69	37650	5
70	37700	5
71	37750	5
72	37800 -35 MESH	5
73	37850	5
74	37900	5.0g
75	37950	5.0g
76	38000	5
77	38050	5
78	38100	5
79	38150	5.0g
80	38200	5
81	38350	5.0g
82	38400	5
83	38450	5
84	38500	5.0g
85	38550	5
86	38600	5
87	38650	5
88	38700	5
89	38750	5
90	38800	5
91	38850	5
92	38900	5
93	L43225-38950E	5
94	L41600N-40825E	5
95	L41600N-40125E	40
96	L42000N-40025E	5
97	L40600N-40075E	5

100-100000-100000
100-100000-100000
100-100000-100000

I. T. No.	SAMPLE No.	PPB Au	5007-011 Pg. 7 of 7
98	L42600N-40625E-35 MESH	U	
99	L40600N-40075E	U	
00PL	40100N-40100E	U	
52E	L41800N-40350E	U	
53	L40600N-40050E	U	
54	L40800N-40050E	U	

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
107544	1	2225	21	46	1.6	16	34	450	12.10	4	5	ND	1	442	.8	2	2	517	3.41	.029	2	8	.69	83	.14	8	6.10	.18	.05	1	21
108526	1	1143	15	35	.8	15	31	572	9.44	6	5	ND	1	421	.2	2	2	405	3.86	.013	2	3	1.34	38	.17	12	6.07	.14	.03	1	21
108529	1	2041	22	42	1.3	13	26	444	8.64	7	5	ND	1	597	1.2	3	2	351	4.55	.078	2	3	1.16	145	.15	12	7.82	.19	.07	1	11
108530	1	156	14	29	.3	11	27	396	7.94	2	5	ND	1	584	.6	2	2	334	4.54	.015	2	3	1.12	63	.15	8	8.01	.22	.03	1	13
108531	1	669	2	35	.3	4	12	495	3.80	9	5	ND	1	83	.2	3	2	108	3.21	.196	4	4	1.01	37	.15	12	2.38	.04	.07	1	28
108534	1	63	2	69	.2	13	19	558	4.83	13	5	ND	1	23	.2	6	2	144	.62	.073	3	21	1.43	473	.42	2	1.78	.07	.55	1	5
108535	1	17	2	21	.1	24	30	281	8.70	2	5	ND	1	206	.2	2	2	377	2.71	.020	2	3	.89	57	.17	8	3.79	.09	.07	1	1
108536	1	1000	12	124	.6	3	9	1323	5.87	6	5	ND	1	219	.2	3	2	91	2.05	.149	6	3	1.60	43	.15	10	2.64	.04	.06	1	45
108551	1	315	11	47	.1	18	28	585	7.64	2	5	ND	1	197	.2	2	3	311	3.59	.007	2	2	1.62	138	.10	15	5.18	.06	.10	1	24
108552	1	477	11	103	.3	5	26	1138	7.66	5	5	ND	1	193	.5	2	2	196	2.82	.280	9	2	2.20	85	.19	8	3.69	.05	.04	1	1
108601	1	227	17	77	.1	15	25	717	7.28	2	5	ND	1	619	1.8	2	2	279	5.19	.006	2	1	1.73	108	.16	6	9.85	.26	.12	1	1
108602	1	4573	21	66	2.9	30	26	789	10.78	4	5	ND	7	109	.3	2	2	390	1.64	.028	2	18	1.10	23	.22	3	2.43	.06	.03	1	112
108651	1	849	17	116	.8	3	53	920	9.61	9	5	ND	1	417	1.9	2	2	317	4.53	.683	7	1	2.36	47	.09	8	7.06	.12	.03	1	5
108652	1	1110	21	58	.7	8	27	522	7.80	2	5	ND	1	313	1.5	2	7	347	4.93	.015	2	1	1.39	60	.12	6	6.78	.10	.03	1	19
108653	1	574	18	42	.4	4	37	491	8.27	3	5	ND	1	663	1.7	2	3	269	5.18	.641	6	2	1.68	82	.08	2	8.10	.21	.04	1	4
108655	9	3583	10	92	4.1	9	80	415	10.01	26	5	ND	1	19	.2	2	4	166	.81	.184	4	4	1.47	115	.23	3	2.02	.01	.15	1	520
109264	1	43	4	58	.1	5	12	609	2.48	2	5	ND	1	79	.2	2	2	47	1.16	.134	6	3	1.16	59	.12	5	1.39	.03	.07	1	5
109266	1	643	21	33	.5	8	24	365	6.97	2	5	ND	1	588	.8	2	2	304	4.87	.013	2	1	.99	83	.09	6	8.39	.19	.07	2	39
109267	1	537	27	33	.1	6	27	343	8.82	2	5	ND	1	662	2.3	2	2	443	4.70	.072	2	3	.87	205	.16	2	8.30	.24	.11	1	1
109268	1	1581	9	52	.6	20	49	540	8.74	6	5	ND	1	276	1.0	4	2	112	2.75	.385	8	25	1.95	87	.34	11	5.41	.20	.45	1	2
109271	1	49	2	32	.1	6	13	474	5.32	5	5	ND	1	39	.2	2	2	169	1.95	.257	10	5	.95	70	.12	10	1.73	.04	.10	1	1
109272	1	133	6	115	.1	5	18	1016	7.17	4	5	ND	1	40	.2	2	3	172	2.01	.191	9	3	2.04	46	.17	2	2.88	.04	.06	1	1
STANDARD C/AU-R	18	58	37	132	7.2	67	29	1037	4.08	38	18	7	36	48	18.1	15	20	56	.52	.093	37	55	.91	168	.08	32	1.92	.06	.13	12	510
107517	8	627	24	181	.3	35	27	1964	8.89	292	5	ND	2	57	1.0	2	2	188	1.03	.242	24	46	1.07	115	.13	5	3.42	.02	.07	1	1
107518	20	802	11	141	.8	23	18	1921	9.59	359	6	ND	1	49	1.2	3	2	156	.76	.220	21	38	.59	95	.04	4	3.54	.02	.05	1	1
107520	1	74	2	51	.1	26	13	280	5.83	10	5	ND	1	44	.4	2	2	196	.42	.050	7	35	.69	79	.16	5	2.86	.02	.02	1	1
107521	1	131	3	76	.1	40	19	415	4.76	10	5	ND	1	51	.2	2	2	147	.41	.047	7	40	1.10	141	.12	2	3.29	.02	.04	1	1
107523	2	98	17	164	.4	47	16	1624	3.71	83	5	ND	1	46	1.5	2	5	87	.94	.100	11	52	.74	125	.07	6	1.51	.02	.07	1	1
107524	2	103	12	165	.5	53	15	3457	3.74	61	5	ND	1	62	2.3	2	2	80	1.19	.108	13	57	.71	216	.06	5	1.66	.02	.07	1	1
107525	1	91	15	169	.2	43	17	1318	5.25	38	5	ND	1	57	.8	3	3	154	.95	.113	10	40	1.21	157	.13	7	1.81	.02	.09	1	1
107526	1	62	19	168	.2	47	13	689	4.59	32	5	ND	1	37	.9	2	4	149	.73	.077	9	61	.79	109	.10	12	1.35	.02	.06	1	1
107527	1	44	19	128	.1	40	11	599	3.47	38	5	ND	1	34	.2	2	2	100	.55	.051	6	50	.74	96	.09	7	1.18	.02	.04	1	1
107528	1	85	17	177	.6	56	13	722	3.44	43	5	ND	1	48	1.2	2	2	75	.96	.089	11	60	.78	166	.06	3	1.64	.02	.07	1	1
107529	1	117	13	109	.5	66	10	865	2.36	35	5	ND	1	46	1.1	2	2	50	.99	.041	12	51	.55	179	.05	3	1.09	.02	.05	1	1
107530	1	46	15	139	.1	40	12	627	3.61	38	5	ND	1	30	.6	2	2	98	.59	.051	7	52	.75	98	.09	5	1.22	.01	.04	1	1
108976	1	21	6	62	.1	40	9	444	2.33	3	5	ND	1	28	.4	2	3	51	.40	.040	8	52	.53	144	.06	2	.83	.01	.04	1	1
108977	1	22	3	57	.1	40	9	378	2.13	7	5	ND	1	29	.3	2	5	44	.36	.036	9	49	.51	162	.05	2	.84	.01	.04	1	1
108978	1	48	4	94	.1	60	14	596	3.35	29	5	ND	1	38	.5	2	5	70	.69	.056	8	93	.93	142	.07	2	1.34	.02	.06	1	1
108980	1	48	11	111	.1	58	12	743	3.19	24	5	ND	1	43	.7	2	2	65	.73	.075	10	66	.69	191	.06	2	1.32	.01	.07	1	1
108981	1	46	7	88	.1	61	15	601	3.47	30	5	ND	1	38	.2	2	2	70	.68	.050	7	89	.98	144	.07	5	1.37	.03	.06	1	1
108982	1	37	9	89	.1	57	13	530	3.55	24	5	ND	1	37	.2	2	3	79	.73	.062	9	100	.96	126	.09	4	1.15	.03	.05	1	1
108983	1	45	5	96	.2	55	13	575	2.91	30	5	ND	1	37	.5	2	2	60	.71	.059	9	64	.94	144	.08	6	1.38	.02	.06	1	1
108984	1	37	11	114	.1	47	11	821	2.88	28	5	ND	1	40	.7	2	2	58	.69	.066	8	59	.63	175	.06	3	1.21	.01	.05	1	1
109269	2	71	10	399	.8	92	12	1250	3.08	55	5	ND	1	69	4.6	2	2	43	1.85	.085	10	64	.74	214	.03	7	1.71	.01	.10	1	1
109270	1	50	18	145	.4	42	11	569	3.54	36	5	ND	1	33	.5	2	2	96	.61	.056	6	50	.77	99	.09	6	1.25	.02	.05	1	1
STANDARD C	19	61	42	133	7.3	73	31	1029	3.79	39	16	7	37	53	17.4	15	21	56	.51	.094	38	60	.89	181	.07	35	1.91	.06	.14	11	1

GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9007-011 284 File # 90-2141 Page 3

P.O. Box 2380, 1050 Davie St., Vancouver BC V6B 3T5

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	U	Au**	Pt**
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppb	ppb
107537	1	3255	8	75	2.2	106	95	364	44.27	16	5	ND	3	3	2.1	2	2	1154	.03	.012	2	33	.29	1	.27	2	.46	.01	.01	1	62	3

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	U
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm
107505	1	638	13	85	1.0	19	27	569	5.86	.2	5	ND	1	77	.2	4	2	203	.84	.085	3	12	1.63	129	.15	3	5.37	.01	.03	1
107506	1	302	22	115	.7	20	28	327	6.71	5	5	ND	2	85	.2	6	2	158	.88	.514	7	20	.85	189	.09	3	5.69	.01	.05	1
107507	2	114	13	81	.1	22	20	311	5.93	10	5	ND	2	68	.2	2	2	148	.62	.185	7	23	.82	112	.11	5	3.38	.01	.05	1
107508	1	114	16	160	.4	28	18	299	5.68	18	5	ND	1	70	.2	2	2	137	.50	.300	5	32	.70	225	.06	3	3.32	.01	.05	1
107509	1	103	20	156	.4	45	15	650	5.63	42	5	ND	2	38	.2	2	2	116	.44	.361	6	54	.79	171	.09	6	3.55	.01	.05	1
107510	1	41	7	69	.1	51	10	498	2.95	8	5	ND	1	27	.2	2	2	58	.36	.035	9	67	.66	113	.08	7	1.16	.01	.05	1

55	107517																																	
56	107518																																	
57	107520																																	
58	SOIL 107521																																	
59	SILT 107523	-35	MESH																															
60	107524																																	
61	107525	-35	MESH			5.0g																												
62	107526	-35	MESH							330																								
63	107527	-35	MESH								12N																							
64	107528																																	
65	109269																																	
66	107530	-35	MESH																															
67	107529																																	
68	109270	-35	MESH																															
69	108976	-35	MESH																															
70	108978																																	
71	108979																																	
72	108980																																	
73	108981	-60	MESH																															
74	108982																																	
75	108983																																	
76	SILT 108984																																	

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GEOCHEMICAL ANALYSIS CERTIFICATE

Noranda Exploration Co. Ltd. PROJECT 9007-011-2847 File # 90-2141 Page 1

P.O. Box 2380, 1050 Davie St., Vancouver BC V6B 3T5

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
33026	1	1844	5	73	1.0	13	35	713	10.34	4	5	ND	1	466	1.1	2	2	389	5.29	.106	3	4	1.72	89	.17	3	6.12	.24	.07	1	77
33031	1	83	2	31	.1	9	16	434	7.94	2	5	ND	2	40	.3	2	2	322	1.69	.361	14	11	1.37	80	.16	4	1.57	.05	.09	1	3
33035	1	454	4	24	.1	21	24	252	5.59	2	5	ND	1	269	.2	2	2	112	2.42	.292	9	24	1.36	154	.32	2	3.64	.37	.39	1	2
33039	6	50	8	96	.2	48	5	226	1.30	13	5	ND	2	18	.4	2	2	27	.84	.110	13	20	.12	61	.15	16	.52	.08	.06	2	3
33041	1	76	2	102	.1	25	15	713	4.74	14	5	ND	1	45	.4	2	2	128	1.36	.055	4	35	1.84	188	.32	11	2.89	.20	.14	1	1
33042	1	41	5	60	.1	5	15	904	4.85	5	5	ND	4	62	.2	2	2	128	1.24	.192	12	2	1.47	80	.16	5	1.66	.06	.10	1	3
33043	20	5952	5	128	7.0	8	15	567	9.11	16	5	ND	3	40	.9	2	2	126	.80	.218	5	2	1.47	108	.13	39	2.04	.03	.16	1	195
33044	3	1221	4	59	.3	4	38	653	9.33	7	5	ND	3	41	.5	2	2	153	1.16	.184	6	3	1.69	146	.19	21	2.52	.09	.24	1	40
33045	1	594	13	40	.1	4	8	610	4.50	6	5	ND	5	93	.2	2	2	102	4.22	.122	9	2	.99	41	.12	14	2.33	.08	.04	1	21
33046	1	98	7	49	.1	4	9	487	4.80	6	5	ND	2	55	.2	2	2	165	3.75	.173	9	2	1.27	101	.15	10	2.64	.07	.09	1	8
33047	1	195	2	29	.1	6	13	485	5.30	13	5	ND	2	41	.2	2	2	182	1.21	.240	14	3	1.11	133	.18	8	1.51	.09	.21	1	7
33048	1	209	3	29	.1	5	12	406	5.48	7	5	ND	2	44	.2	2	2	162	1.57	.200	10	3	1.17	86	.16	5	1.77	.08	.15	1	65
33049	1	40	2	40	.1	5	7	379	2.24	2	5	ND	1	145	.2	2	2	52	1.40	.142	7	5	.82	52	.15	9	1.46	.08	.09	1	3
33050	1	17	2	34	.1	4	7	391	2.15	3	5	ND	3	89	.2	2	2	52	.99	.103	6	4	.74	133	.10	2	1.15	.07	.14	1	6
33056	1	19	2	47	.1	6	11	632	2.95	7	5	ND	2	124	.2	2	2	71	1.07	.111	7	3	1.16	80	.13	7	1.63	.07	.11	1	1
33057	1	2033	10	72	1.8	5	13	540	6.10	18	5	ND	2	151	.4	2	2	101	2.19	.171	4	3	1.35	64	.12	8	2.76	.02	.12	1	36
33058	18	3907	2	172	4.3	6	34	745	6.39	24	5	ND	3	64	1.0	2	10	117	1.72	.255	16	2	1.51	149	.16	6	1.88	.05	.13	1	104
33062	3	24	2	23	.1	9	26	319	4.31	2	5	ND	2	47	.2	2	2	87	2.11	.091	5	4	1.31	137	.13	14	2.37	.11	.14	1	3
33063	2	559	4	55	2.4	7	11	474	6.14	4	5	ND	2	293	.3	2	2	106	1.63	.228	6	6	1.46	54	.12	8	2.45	.03	.08	1	19
33064	1	84	2	87	.1	48	22	687	3.72	5	5	ND	1	85	.2	2	2	145	.89	.117	2	32	3.45	438	.25	2	3.25	.13	1.88	1	4
33065	1	55	2	45	.1	8	18	490	4.41	13	5	ND	3	81	.2	2	2	115	1.49	.173	10	9	.82	75	.17	4	1.15	.09	.17	1	4
33066	0	0	0	0	.1	8	8	988	6.88	8	5	ND	3	81	.2	2	2	98	1.87	.176	12	4	1.48	85	.14	7	.98	.14	.18	1	4
107519	1	500	4	59	.1	29	22	875	6.02	23	5	ND	2	41	.2	2	2	197	1.63	.101	7	56	2.51	67	.26	4	2.66	.08	.10	1	5
107522	1	103	5	23	.1	21	29	314	7.97	2	5	ND	1	571	.6	2	2	339	4.48	.008	2	1	1.40	185	.15	3	7.01	.27	.19	1	8
107523	2	27	18	58	.1	4	4	1764	1.94	14	5	ND	2	58	.2	2	2	8	3.25	.044	3	2	.54	59	.04	7	1.52	.04	.08	1	0
107524	1	88	7	105	.1	11	17	827	5.26	16	5	ND	3	229	.4	2	2	289	3.68	.242	8	11	2.81	214	.21	6	5.96	.19	.18	1	5
107525	1	88	2	61	.1	15	18	1805	5.21	3	5	ND	2	88	.4	2	2	74	3.32	.122	7	20	1.39	204	.03	8	1.79	.04	.19	1	4
107534	1	410	5	31	.4	7	8	308	3.04	13	5	ND	2	38	.2	2	2	84	3.03	.117	7	3	.84	125	.12	5	2.49	.06	.16	1	41
107535	1	218	9	37	.1	11	25	405	6.61	4	5	ND	1	762	.5	2	2	270	5.10	.006	2	1	1.53	81	.06	4	7.94	.29	.06	1	2
107536	1	362	5	68	.2	11	22	663	5.97	7	5	ND	1	526	.5	2	2	217	5.12	.005	2	1	1.75	54	.10	2	6.99	.20	.05	1	9
107538	1	1622	7	55	.4	21	36	740	7.70	2	5	ND	1	222	.5	2	2	293	3.88	.005	2	3	2.58	17	.24	20	4.18	.01	.02	1	7
107539	1	923	8	56	.8	6	16	494	5.48	12	5	ND	2	52	.2	2	2	153	3.16	.211	9	3	1.19	88	.14	8	2.95	.06	.13	1	82
107540	1	5588	9	68	5.7	6	54	492	7.23	64	5	ND	1	53	.4	2	2	86	1.03	.169	3	2	1.03	150	.13	2	1.88	.03	.19	1	650
107541	1	1223	7	60	.8	4	6	584	5.44	20	5	ND	2	103	.2	2	3	114	3.65	.186	6	2	1.30	55	.14	6	3.67	.03	.10	1	670
107542	1	1054	8	91	.6	27	44	433	8.74	2	6	ND	1	553	1.1	2	2	134	4.85	.338	6	16	1.45	115	.19	2	7.87	.48	.37	1	13
107543	28	1006	19	59	2.3	14	121	709	14.23	753	5	ND	2	13	.9	2	2	129	.45	.154	2	1	2.10	84	.05	2	3.45	.03	.16	1	177
STANDARD C/AU-R	18	63	39	132	7.2	66	27	1036	4.03	39	16	6	37	47	18.4	15	21	59	.52	.094	38	57	.95	178	.07	35	1.99	.06	.14	13	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: JUN 29 1990 DATE REPORT MAILED: July 13/90 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
107501	1	59	4	77	.1	5	17	933	5.96	2	5	ND	1	155	.9	2	2	134	2.17	.147	8	14	1.97	193	.19	2	3.28	.15	.09	1
107502	1	12143	10	78	9.7	9	53	746	6.32	41	5	ND	2	90	1.3	2	15	113	4.62	.183	7	8	1.57	55	.22	13	2.87	.01	.08	5
107503	1	2041	3	30	.7	3	3	225	2.36	2	5	ND	1	707	.9	3	6	45	2.17	.130	5	28	.45	40	.28	5	1.71	.02	.09	2
107504	2	287	2	44	.1	7	263	698	8.14	46	5	ND	1	23	1.2	2	9	205	1.02	.160	6	8	2.45	136	.42	2	2.67	.01	.12	1
107514	1	21	7	17	.1	3	5	216	2.19	6	5	ND	1	509	.4	2	2	90	3.75	.241	8	29	.46	12	.20	2	2.42	.02	.02	1
107515	1	10	3	38	.1	4	12	516	2.33	3	5	ND	1	331	.5	2	6	58	1.84	.110	8	33	1.03	44	.24	3	1.94	.04	.05	1
107516	1	6	2	47	.1	5	14	632	2.45	6	5	ND	2	293	.7	3	2	48	4.34	.095	6	23	1.29	19	.17	16	1.80	.03	.03	1
109252	2	78	6	62	.1	2	12	469	4.07	2	5	ND	4	42	.7	2	2	119	1.29	.192	17	11	.81	86	.25	2	1.41	.06	.30	1
109253	1	58	5	34	.1	2	10	858	2.61	6	5	ND	1	571	.5	3	2	63	3.92	.156	10	24	.90	31	.24	16	1.89	.05	.02	1
109254	2	107	2	47	.1	4	13	497	4.64	2	5	ND	4	59	.7	2	7	157	1.01	.161	13	25	.81	99	.22	2	1.26	.12	.31	1
109255	2	126	2	54	.1	2	13	528	4.48	2	5	ND	4	42	.9	2	2	144	1.27	.195	16	13	.83	87	.26	2	1.41	.06	.16	1
109259	1	68	2	30	.1	4	8	352	2.96	2	5	ND	1	67	.3	2	2	92	1.30	.116	8	29	.54	104	.18	2	1.03	.08	.15	1
STANDARD C	18	57	37	131	7.3	66	30	1053	3.96	61	17	7	37	48	17.8	16	17	57	.51	.089	38	55	.93	173	.09	36	1.94	.06	.14	11

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	Hg %	Ba ppm	Tl %	B ppm	Al %	Na %	K %	M ppm
105711	1	42	20	131	.2	35	12	639	3.24	38	5	ND	1	24	1.1	2	2	72	.50	.037	5	34	.79	94	.09	2	1.17	.01	.04	1
105712	1	72	5	105	.1	55	10	733	2.71	14	5	ND	1	41	1.0	2	2	51	.90	.045	8	49	.66	156	.05	2	1.09	.01	.05	1
105713	1	57	8	101	.1	43	10	349	2.61	27	5	ND	1	37	.5	3	2	49	.76	.060	8	42	.71	173	.07	2	1.20	.01	.05	1

APPENDIX V
ANALYTICAL PROCEDURE

ANALYTICAL METHOD

DESCRIPTIONS FOR GEOCHEMICAL ASSESSMENT REPORTS

The methods listed are presently applied to analyse geological materials by the Noranda Geochemical Laboratory at Vancouver. (March, 1984).

Preparation of Samples

Sediments and soils are dried at approximately 80°C and sieved with a 80 mesh nylon screen. The -80 mesh (0.18 mm) fraction is used for analysis.

Rock specimens are pulverized to -120 mesh (0.13 mm). Heavy mineral fractions (panned samples) are analysed in its entirety, when it is to be determined for gold without further sample preparation. See addendum.

Analysis of Samples

Decomposition of a 0.200 g sample is done with concentrated perchloric and nitric acid (3:1), digested for 5 hours at reflux temperature. Pulps of rock or core are weighed out at 0.2 g or less depending on the matrix of the rock, and twice as much acid is used for decomposition than that is used for silt or soil.

The concentrations of Ag, Cd, Co; Cu, Fe, Mn, Mo, Ni, Pb, V and Zn (all from the group A elements of the fee schedule) can be determined directly from the digest (dissolution) with an atomic absorption spectrometer (AA). A Varian-Techtron Model AA-5 or Model AA-475 is used to measure elemental concentrations.

Elements Requiring Specific Decomposition Method

Antimony - Sb: 0.2 g sample is attached with 3.3 mL of 6% tartaric acid, 1.5 mL conc. hydrochloric acid and 0.5 mL of conc. nitric acid, then heated in a water bath for 3 hours at 95°C. Sb is determined directly from the acid solution with an AA-475 equipped with electrodeless discharge lamp (EDL).

Arsenic - As: 0.2 - 0.4 g sample is digested with 1.5 mL of 70% perchloric acid and 0.5 mL of conc. nitric acid. A Varian AA-475 equipped with an As-EDL measures the arsenic concentration of the digest.

Barium - Ba: 0.1 g sample is decomposed with conc. perchloric, nitric and hydrofluoric acid. Atomic absorption using a nitrous oxide-acetylene flame determines Ba from the aqueous solution.

Bismuth - Bi: 0.2 g - 0.3 g is digested with 2.0 mL of perchloric 70% and 1.0 mL of conc. nitric acid. Bismuth is determined directly from the digest into the flame of the AA instrument c/w EDL.

Gold - Au: 10.0 g sample (Pan-concentrates see below) is digested with aqua regia (1 part nitric and 3 parts hydrochloric acid). Gold is extracted with Methyl iso-Butyl ketone (MIBK) from the aqueous solution. Gold is determined from the MIBK solution with flame AA.

Magnesium - Mg: 0.05 g - 0.10 g sample is digested with 4 mL perchloric/nitric acid (3:1). An aliquot is taken to reduce the concentration to within the range of atomic absorption. The AA-475 with a nitrous oxide flame determines Mg from the aqueous solution.

Tungsten - W: 1.0 g sample sintered with a carbonate flux and thereafter leached with water. The leachate is treated with potassium thiocyanate. The yellow tungsten thiocyanate is extracted into tri-n-butyl phosphate. This permits colorimetric comparison with standards to measure tungsten concentration.

Uranium - U: An aliquot, taken from a perchloric-nitric (3:1) decomposition, usually from the multi-element digestion, is diluted with water and a phosphate buffer. This solution is exposed to laser light, and the luminescence of the uranyl ion is quantitatively measured on the UA-3 (Scintrex).

LOWEST VALUES REPORTED IN PPM

Ag - 0.2
 Cd - 0.2
 Co - 1
 Cu - 1
 Fe - 100

Mn - 20
 Mo - 1
 Ni - 1
 Pb - 1
 V - 10

Zn - 1
 Sb - 1
 As - 1
 Ba - 10
 Bi - 1

Au - 0.1 (10 ppb)
 W - 2
 U - 0.1

APPENDIX VI
GEOPHYSICAL INSTRUMENTATION

DESCRIPTION

IP 6 is a six channel multiwindow Time Domain Induced Polarization receiver.

The six channels permit to measure six receiver dipoles, which provides a high efficiency in the field.

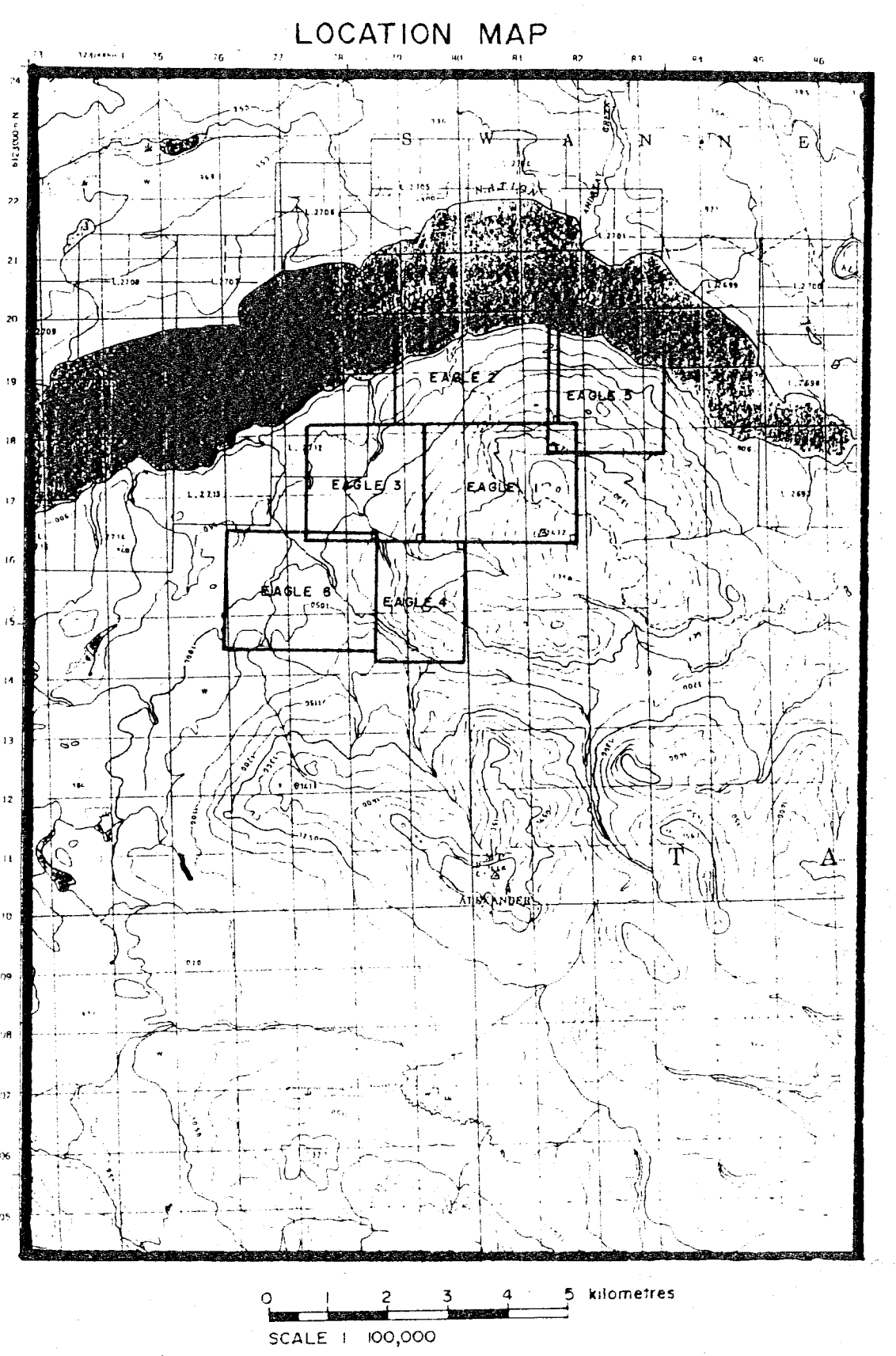
IP decay curves may be analysed by various types of sampling : up to 10 windows are available, with arithmetic or logarithmic widths. This multiwindow analysis provides a high accuracy in the definition of the decay curve.

Measurements are made very easy through a fully automatic measuring process : self test and calibration, autosynchronization and re-synchronization at each cycle, SP buck out including linear drift correction, automatic gain selection, digital stacking for noise reduction, and fully documented displays are controlled by the microprocessor to ensure the highest accuracy and reliability of the results.

The internal memory can store up to eighteen hundreds measurements ; a serial link permits to transfer the data to a printer for listing the results or to a microcomputer for storing, plotting and interpreting the data.

Efficiency, accuracy, ease to use make IP 6 a high technology key tool for Induced Polarization Prospecting.

TCHENTLO LAKE



VECTOR SHOWING
SEE DRAWING NO. 6

LEGEND

Geology

- V₂ - andesite
- V_{2d} - andesite dyke
- V_{2m} - intermediate volcanic hornfels
- P₁ - coarse grained gabbro
- P₂ - diorite/monzonite
- P₃ - granodiorite

Abbreviations

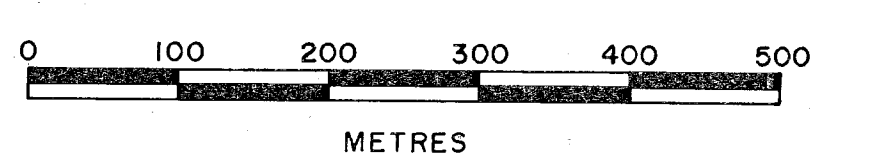
- ep - epidote
- py - pyrite
- bk - biotite
- ad - adirite
- vn - vein
- chl - chlorite
- cpy - chalcopyrite
- hem - hematite
- agg - aggrite
- carb - carbonate

Symbols

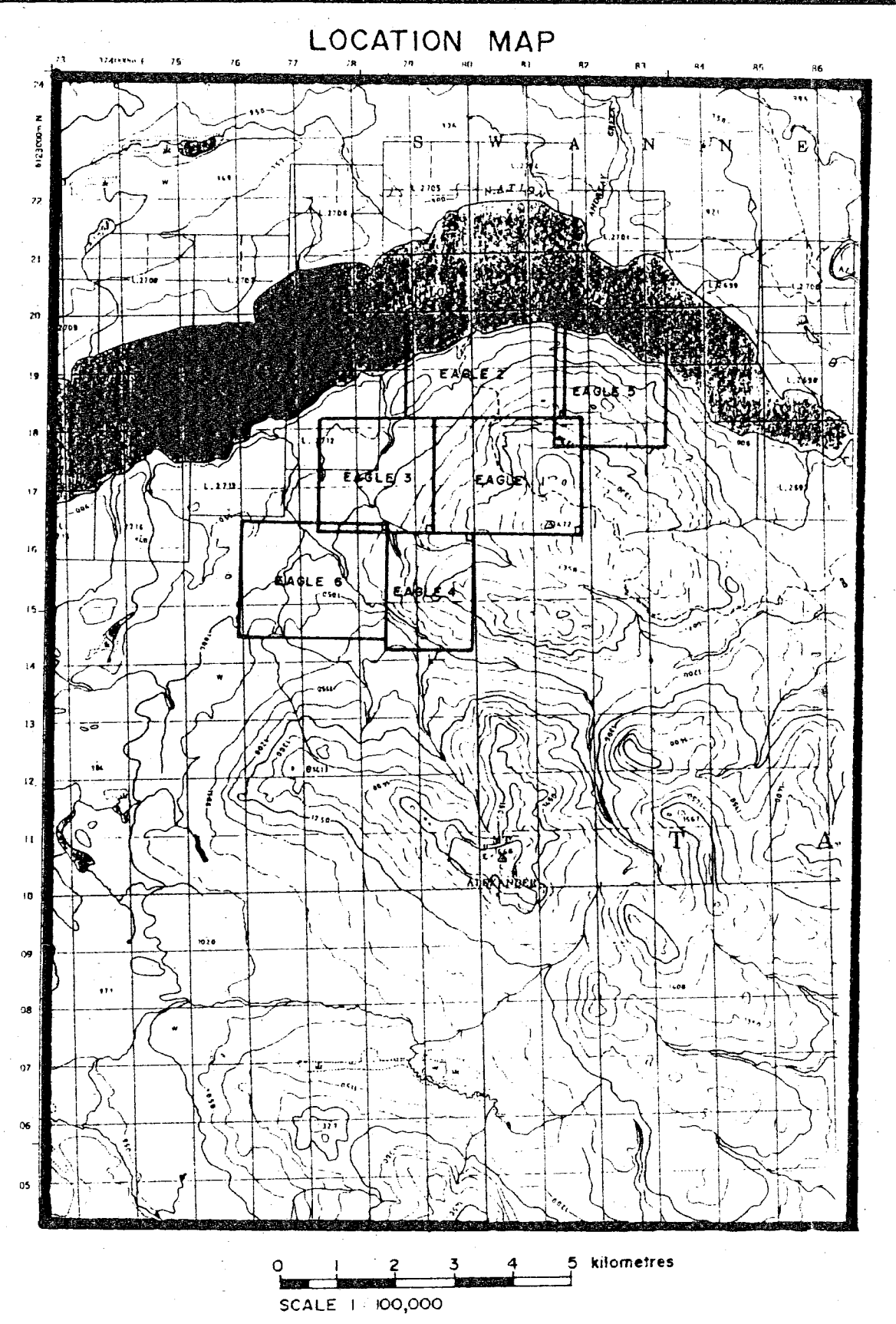
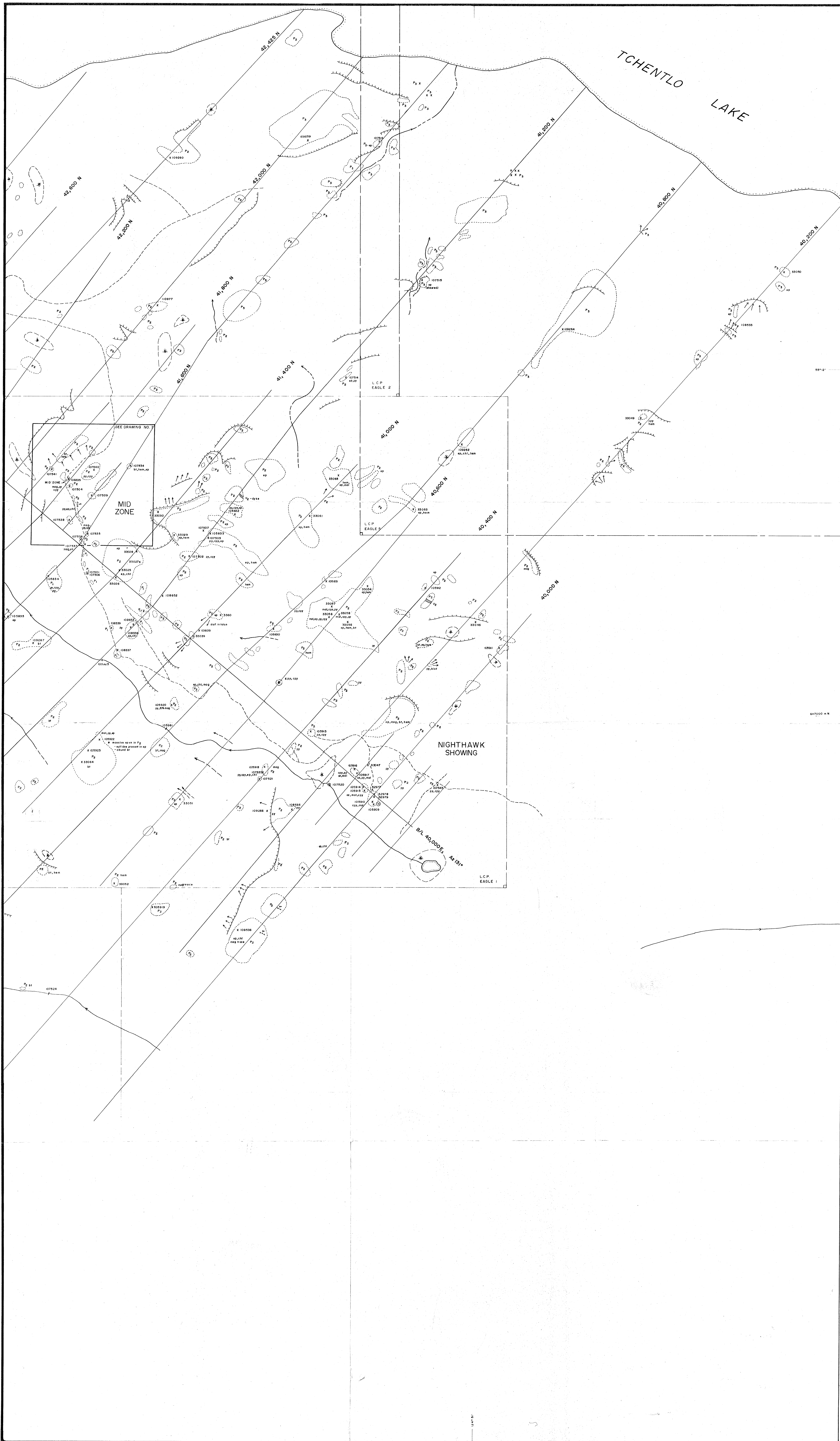
- 1071 Rock Sample Location
- 1072 Float Sample Location
- 1073 Silt Sample Location
- Outcrop
- Crevax: Definite
- Intermittent
- Swamp
- Road/Trail
- Steep Slope
- Talus Slope
- Slope Direction
- Dominant Fracture Orientation
- Dike

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,406



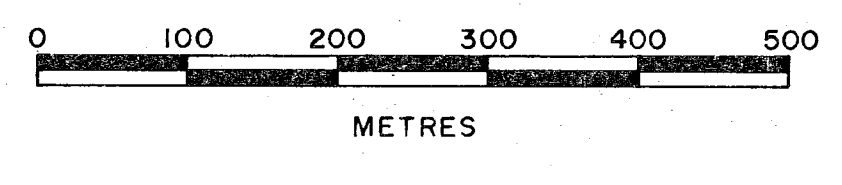
REVISED	WEST SIDE OF EAGLE 1 GRID	
	GEOLOGY AND SAMPLE LOCATIONS	
PROJ. No. 284	SURVEY BY: F. Stewart	DATE: OCT. / 1990
N.T.S. 95N/2	DRAWN BY: P.J.L.	SCALE: 1:5,000
DWG. No. 4	NORANDA EXPLORATION	
	OFFICE: PRINCE GEORGE, B.C.	



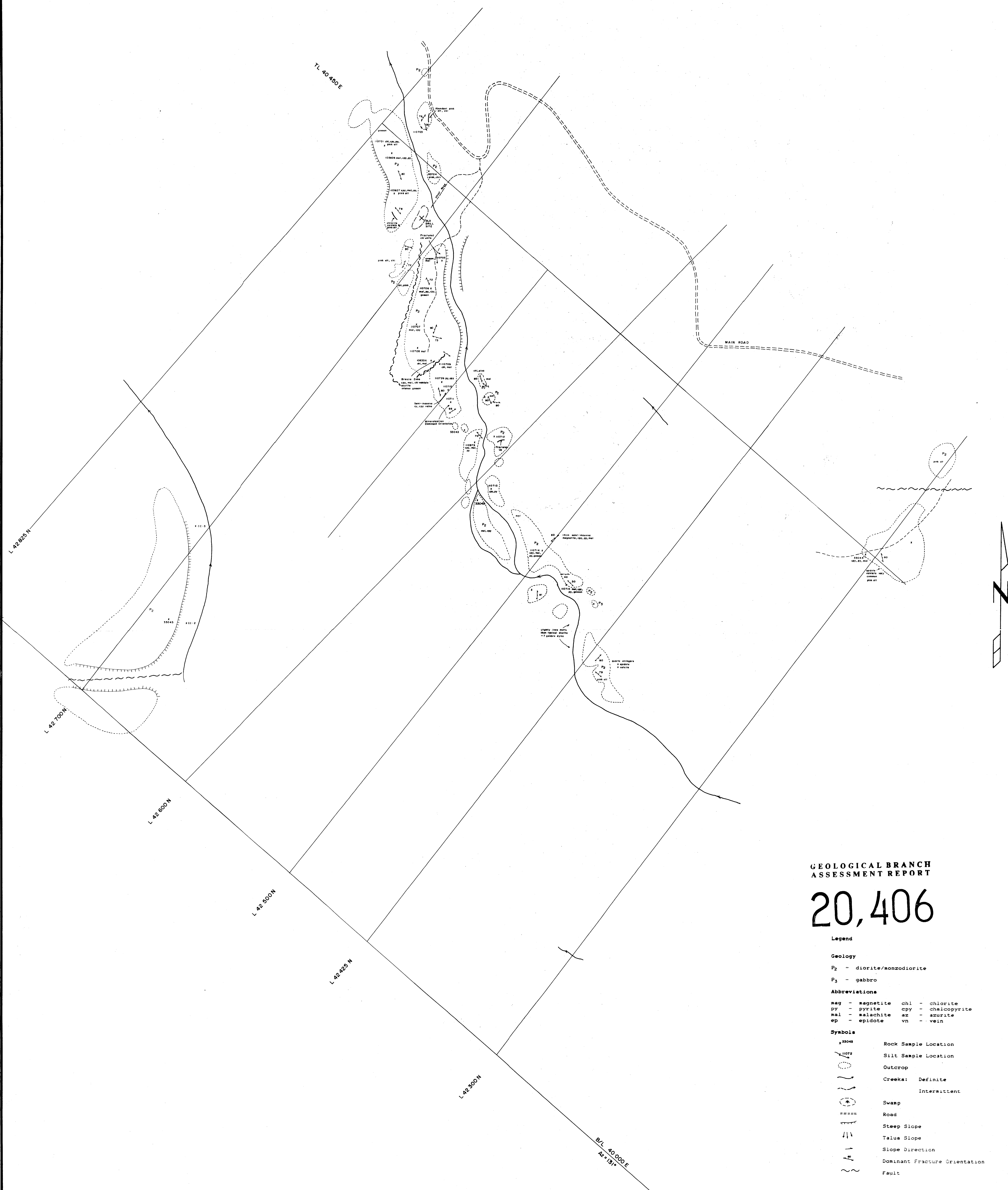
- LEGEND**
- Geology**
- V₂ - andesite
 - V_{ep} - andesite dyke
 - V_m - intermediate volcanic hornfels
 - P₁ - coarse grained gabbro
 - P₂ - diorite/nonzodiotite
 - P₃ - granodiorite
- Abbreviations**
- ep - epidote
 - py - pyrite
 - bt - biotite
 - az - azurite
 - vn - vein
 - chl - chlorite
 - cpy - chalcopyrite
 - hem - hematite
 - mg - magnetite
 - carb - carbonate
- Symbols**
- x 1071 - Rock Sample Location
 - o 1072 - Float Sample Location
 - o 1073 - Silt Sample Location
 - - Outcrop
 - - Creeks: Definite
 - - Intermittent
 - - Swamp
 - - Road/Trail
 - - Steep Slope
 - - Talus Slope
 - - Slope Direction
 - - Dominant Fracture Orientation
 - - Dyke

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

20,406



REVISED	EAST SIDE OF EAGLE 1 GRID	
	GEOLOGY AND SAMPLE LOCATIONS	
PROJ. No. 268	SURVEY BY: F. Stewart	DATE: OCT. 7/1990
NTS. 50%/2	DRAWN BY: P.J.L.	SCALE: 1:5,000
DWG. No. 5	NORANDA EXPLORATION	
	OFFICE: PRINCE GEORGE, B.C.	



GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,406

Legend

Geology

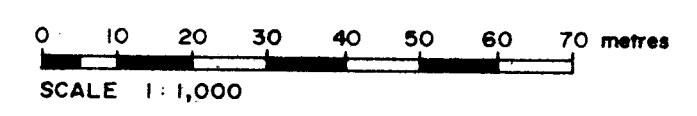
- P₂ - diorite/monzodiorite
- P₃ - gabbro

Abbreviations

- mag - magnetite chl - chlorite
- py - pyrite cpy - chalcopyrite
- mal - malachite az - azurite
- ep - epidote vn - vein

Symbols

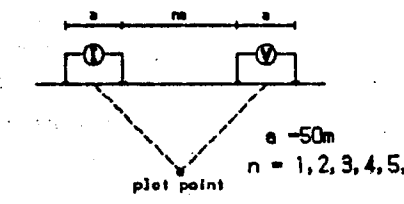
- Rock Sample Location
- Silt Sample Location
- Outcrop
- Creeks: Definite
- Intermittent
- Swamp
- Road
- Steep Slope
- Talus Slope
- Slope Direction
- Dominant Fracture Orientation
- Fault



REVISED	VECTOR ZONE	
	GEOLOGY AND SAMPLE LOCATIONS	
PROJ. No. 284	SURVEY BY: F. Stewart	DATE: OCT / 1990
N.T.S. 93N/2	P.J.L.	SCALE: 1:1,000
DWG. No. 6	NORANDA EXPLORATION	
	OFFICE: PRINCE GEORGE, B.C.	

Line 41200 N

Dipole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...

Instrument : EDA IP 6
 Frequency : 2s ON / 2s OFF
 Operator : BC

INTERPRETATION

- Strong increase in polarization
- Moderate increase in polarization
- Pronounced resistivity increase
- Pronounced resistivity decrease

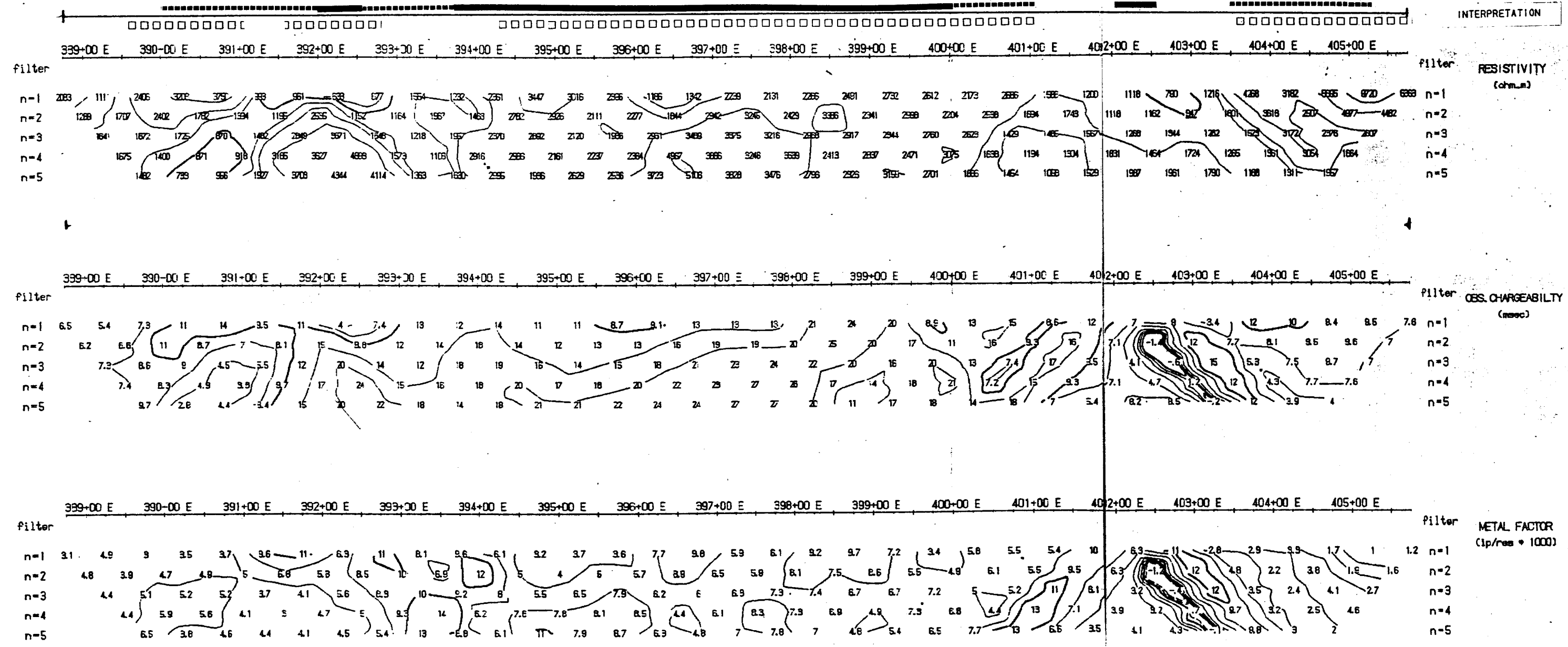
NORANDA EXPLORATION

INDUCED POLARIZATION SURVEY

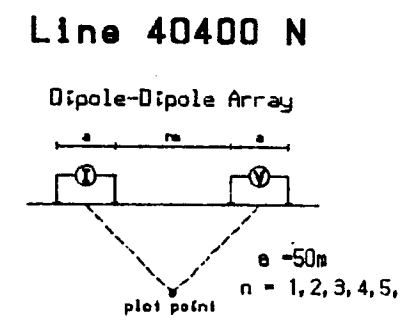
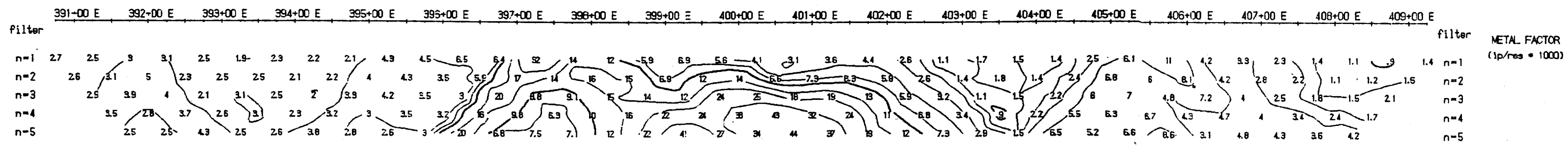
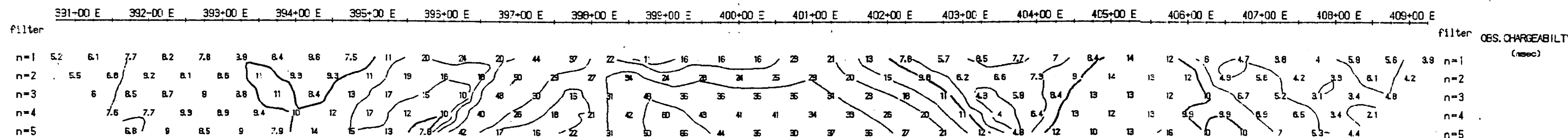
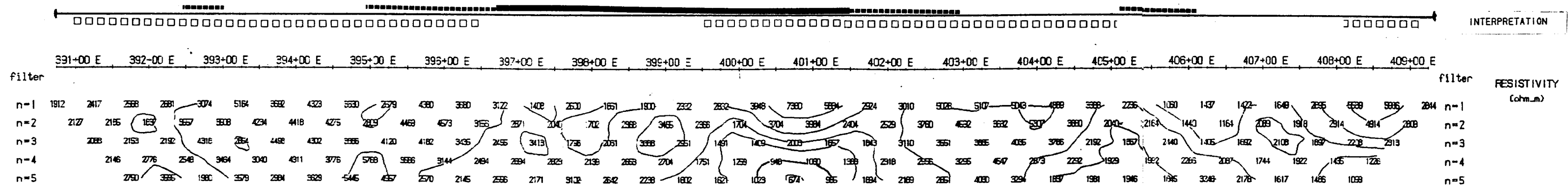
Line 41200 N
 Eagle Opiton, Omineca M.D., B.C.

Date: June 1990
 Interpretation by: L. Bradish
 Scale 1:2500

Pacific Geophysical



20406



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10,...

Instrument : EDA IP 6
 Frequency : 2s ON / 2s OFF
 Operator : BC

INTERPRETATION

- Strong increase in polarization
- Moderate increase in polarization
- Pronounced resistivity increase
- Pronounced resistivity decrease

NORANDA EXPLORATION

INDUCED POLARIZATION SURVEY

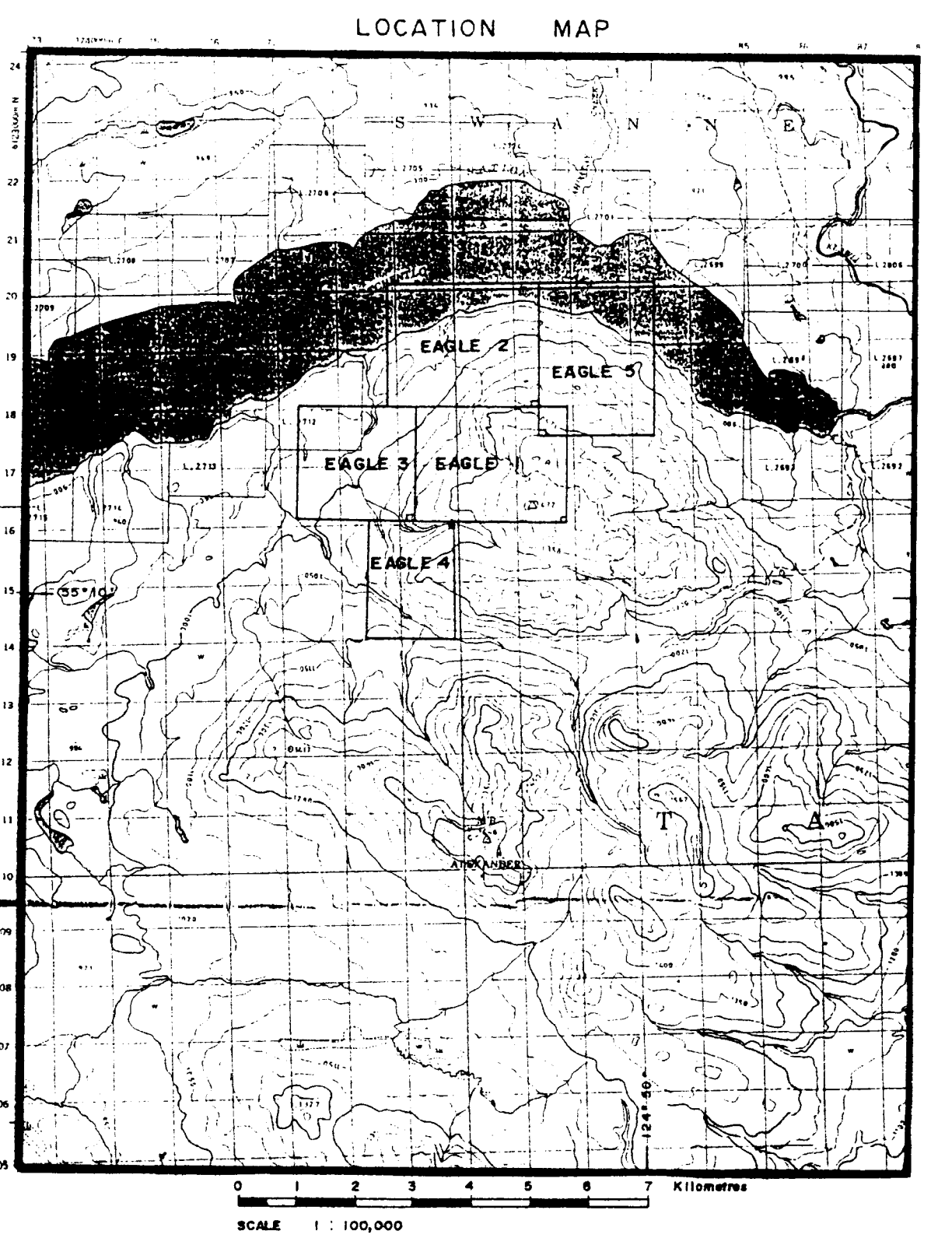
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Date: June 1990
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 Scale 1:2500

Pacific Geophysical

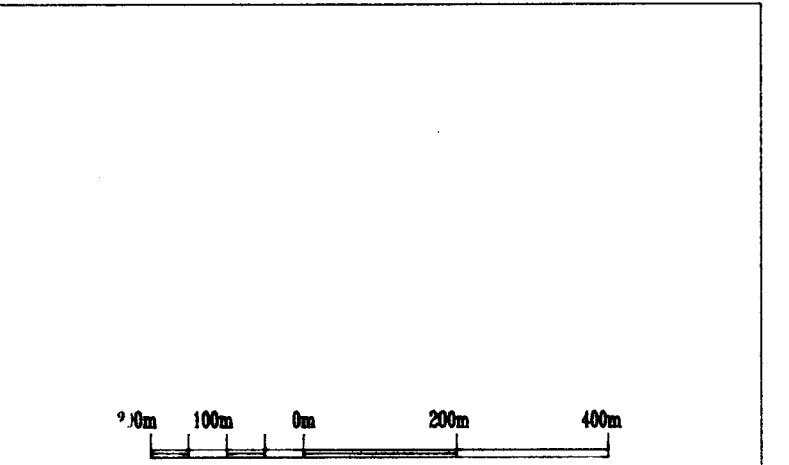
20406

TCHENTLO LAKE



GEOLOGICAL BRANCH
ASSESSMENT REPORT

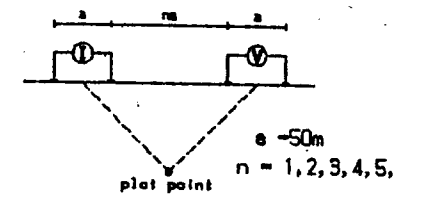
20,406



EAGLE (TCHENTLO LAKE)	
SOIL GEOCHEMICAL SURVEY	
PPB Au	
PROJECT: STUART GOLD	PROJECT #: 284
BASELINE AZIMUTH: 325 Deg.	
SCALE = 1:10000	DATE: 10/09/90
SURVEY BY: F. Stewart	NTS: 93 N/2
FILE: C284EAG	
NORANDA EXPLORATION	

Line 40800 N

Dipole-Dipole Array



Logarithmic Contours 1, 1.5, 2, 3, 5, 7.5, 10, ...

Instrument : EDA IP 6
Frequency : 2s ON / 2s OFF
Operator : BC

INTERPRETATION

- Strong increase in polarization
- Moderate increase in polarization
- Pronounced resistivity increase
- ==== Pronounced resistivity decrease

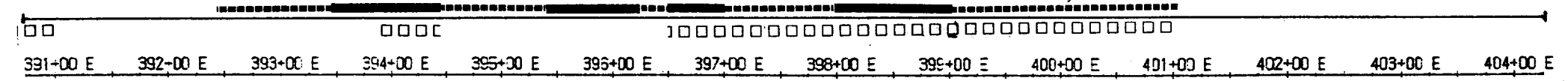
NORANDA EXPLORATION

INDUCED POLARIZATION SURVEY

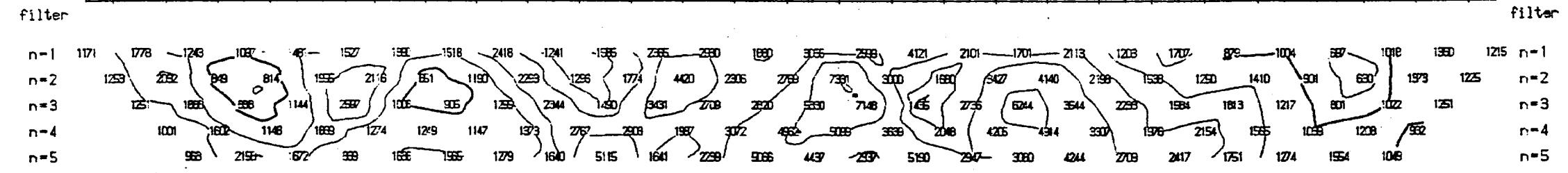
Line 40800 N
Eagle Piton, Omineca M.D., B.C.

Date: June 1990
Interpretation by: L. Bradish
Scale 1:2500

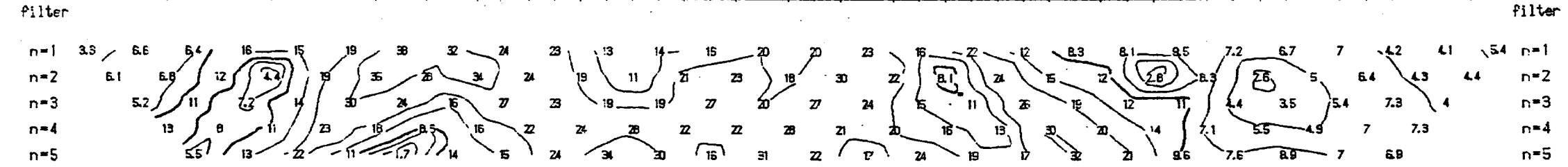
Pacific Geophysical



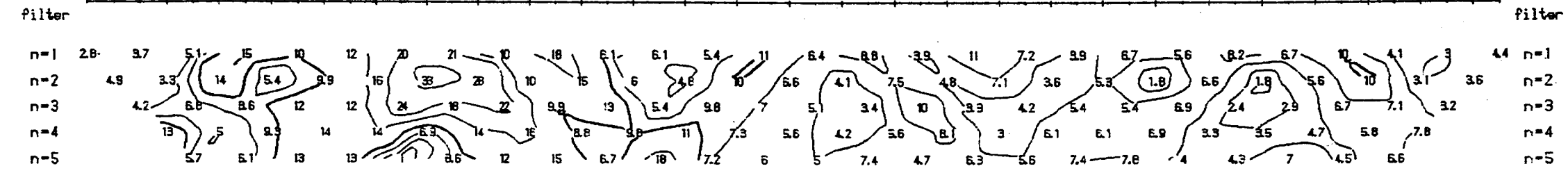
INTERPRETATION



RESISTIVITY (ohm.m)



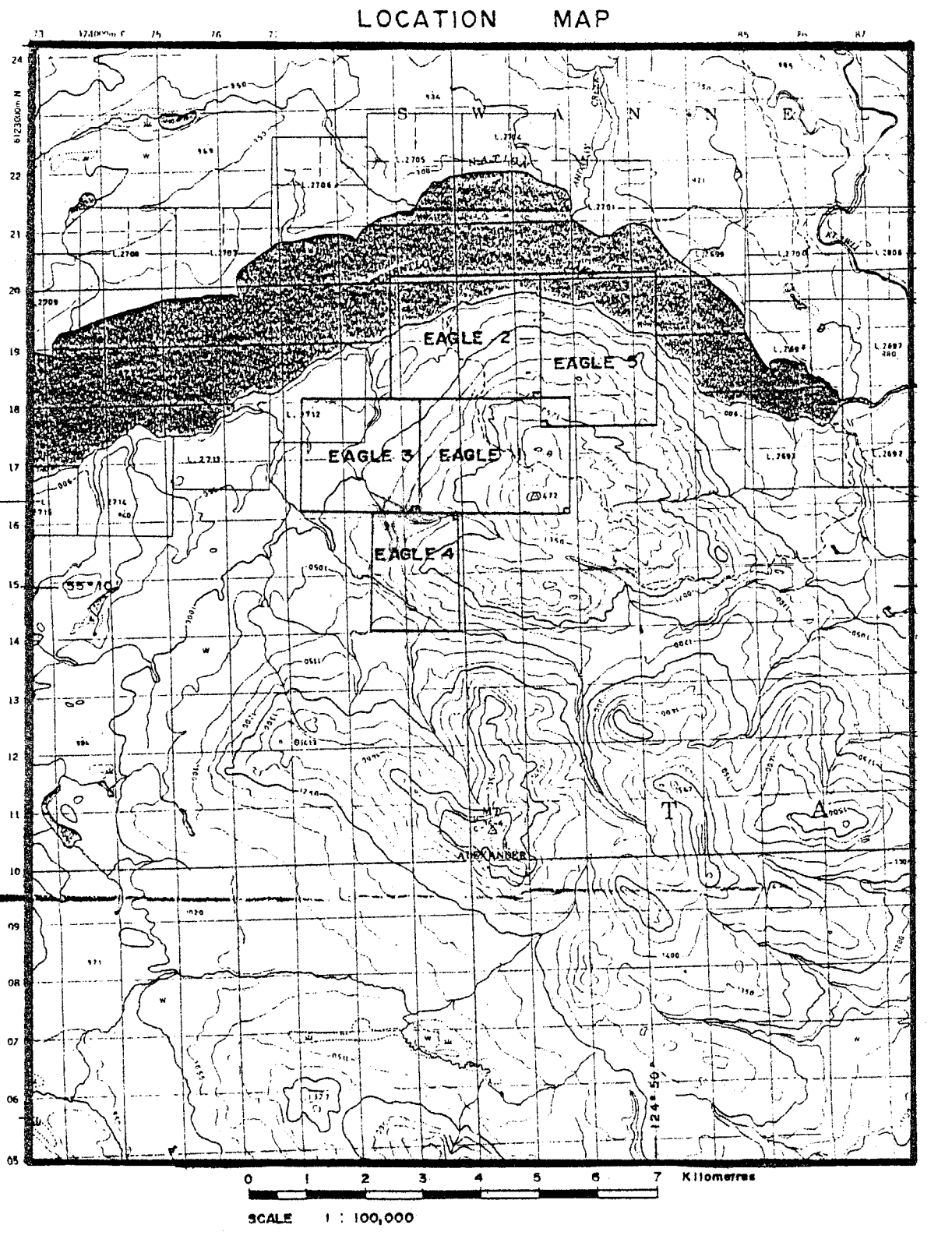
CSS. CHARGEABILITY (msec)



METAL FACTOR (ip/res * 1000)

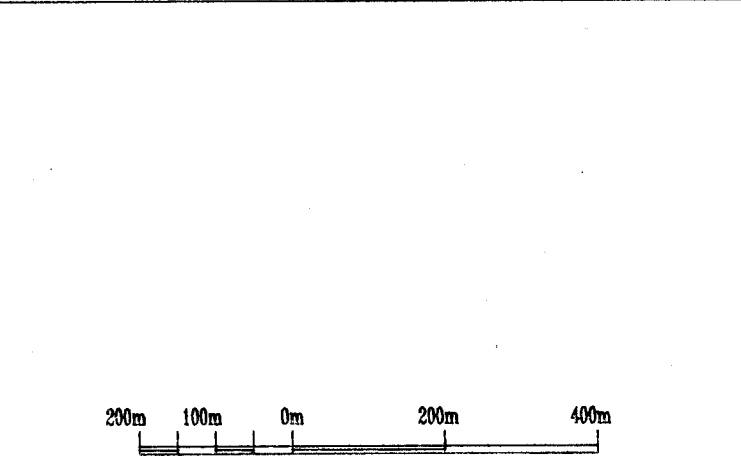
20406

TCHENTLO LAKE

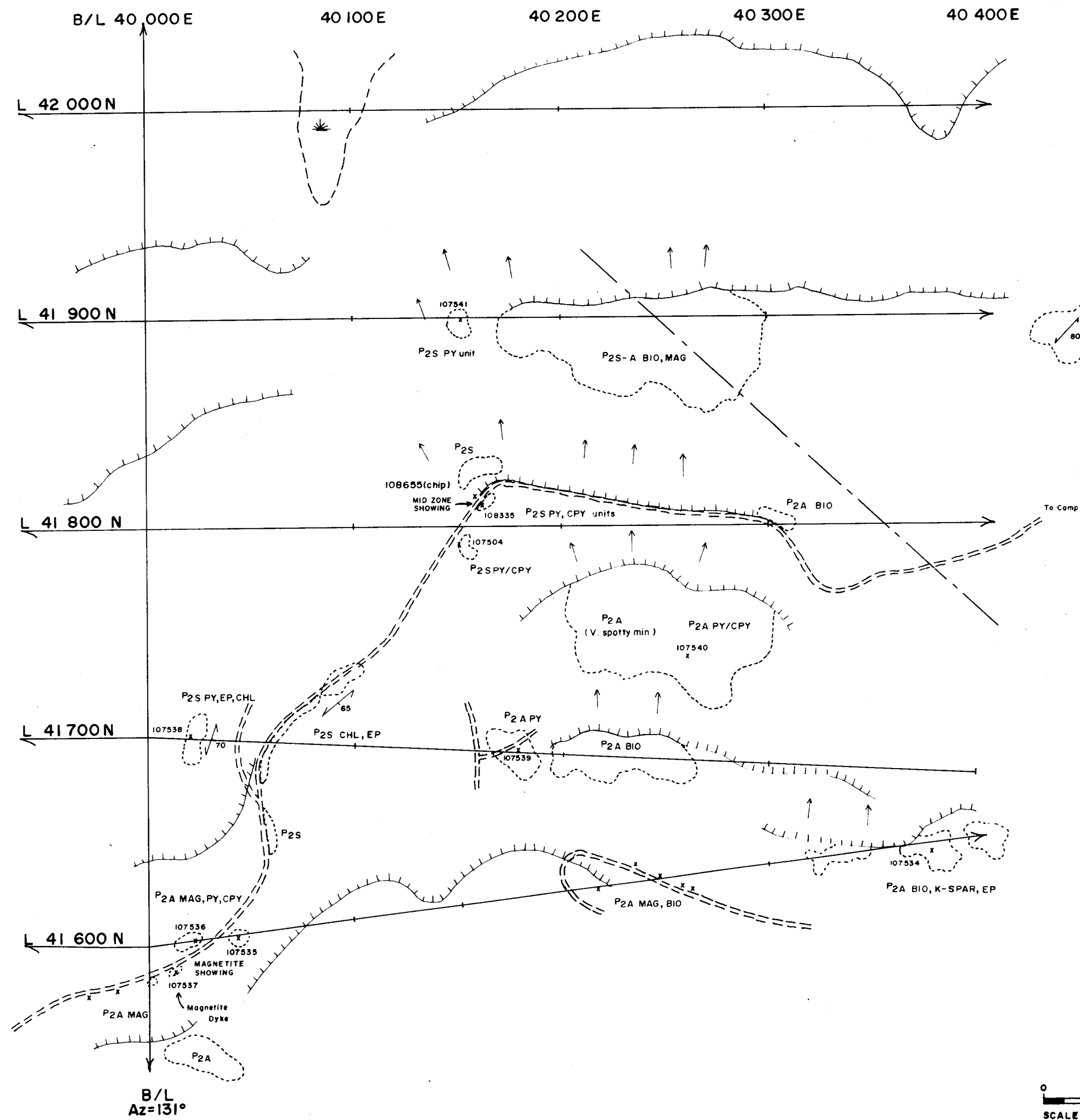


GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,406



EAGLE (TCHENTLO LAKE)
 SOIL GEOCHEMICAL SURVEY
 PPM Cu
 PROJECT: STUART GOLD PROJECT # : 284
 BASELINE AZIMUTH : 325 Deg.
 SCALE = 1:10000 DATE : 10/09/90
 SURVEY BY : F. Stewart NTS : 93N/2
 FILE: C2b-4EAG
 NORANDA EXPLORATION



LEGEND

Geology

- P2A - Very coarse grained diorite with primarily biotite (+/- K - feldspar, +/- epidote) alteration with some secondary magnetite
- P2S - Sheared medium grained diorite with >20% qtz/carb. Veins +/- epidote, +/- chlorite, +/- feldspar, +/- py/cpy

Abbreviations

- bio - biotite
- chl - chlorite
- cpy - chalcopyrite
- ep - epidote
- K-Spar - potassium feldspar
- mag - magnetite
- py - pyrite

Symbols

- x 11071 - Rock Sample Location
- (dashed circle) - Large Rock Outcropping
- x - Small Rock Outcropping
- (solid line) - Creeks: Definite
- (dashed line) - Intermittent
- (circle with star) - Swamp
- (dashed line) - Road
- (dotted line) - Trail
- (line with teeth) - Steep Slope
- (line with triangles) - Talus Slope
- (arrow) - Slope Direction
- (line with arrow) - Dominant Fracture Orientation
- (dashed line) - Claim Line

GEOLOGICAL BRANCH ASSESSMENT REPORT

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REVISED	MID ZONE	
	GEOLOGY AND SAMPLE LOCATION MAP	
PROJ. No. 284	SURVEY BY:	DATE: OCT. / 1990
N.T.S. 93 N/2	DRAWN BY: P.J.L.	SCALE: 1:2 000
DWG. No. 7	NORANDA EXPLORATION	
	OFFICE: PRINCE GEORGE, B.C.	

