

LOG NO: 1007	RD.
ACTION:	
FILE NO:	

GEOLOGICAL AND GEOCHEMICAL REPORT
ON THE EPI CLAIM GROUP
LOCATED IN THE CLINTON MINING DIVISION
N.T.S. 92P-2W
LATITUDE: 51° 09' 30" N LONGITUDE: 120° 51' 30" W

OWNER: M. DICKENS
OPERATOR: CANADIAN NICKEL COMPANY LIMITED

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

17,810

FILMED

J.A. Morin, Ph.D., P.Eng.
Project Geologist
Canadian Nickel Company Limited
August, 1988

Table of Contents

	<u>Page</u>
1.0 SUMMARY	4
2.0 INTRODUCTION	4
2.1 Location, Access, Physiography	5
2.2 Property Definition	5
2.3 Previous History	6
2.4 1988 Exploration Program	6
3.0 REGIONAL GEOLOGY	7
4.0 GEOLOGICAL SURVEYS	7
4.1 Geological Units	7
4.2 Structure, Alteration, Mineralization	8
5.0 GEOCHEMICAL SURVEYS	10
5.1 Rock Geochemical Survey	10
5.2 Soil Geochemical Survey	10
6.0 CONCLUSIONS AND RECOMMENDATIONS	11
7.0 REFERENCES	13
8.0 STATEMENT OF EXPENDITURES	14
9.0 AUTHOR'S QUALIFICATIONS	15

APPENDICES

Appendix A - Analytical Results of Soil Samples

Appendix B - Rock Sample Descriptions and Analytical Results

FIGURES

Figure 1 - Property Location Map (Scale 1:250 000)

Figure 2 - Claim Map (Scale 1: 50 000)

Figure 3 - Geology Plan and Rock Sample Locations (Scale 1:5000)

Figure 3a - Rock Sample Survey: Copper, Molybdenum, Lead, Zinc, Silver, Arsenic, Gold Results (Scale 1:5000)

Figure 4 - Grid Location Map (Scale 1:10,000)

Figure 4a - Soil Sample Survey: Gold Results, ppb (Scale 1:5000)

Figure 4b - Soil Sample Survey: Silver Results, ppm (Scale

Figure 4c - Soil Sample Survey: Arsenic Results, ppm (Scale 1:5000)

Figure 4d - Soil Sample Survey: Molybdenum Results, ppm (Scale 1:5000)

1.0 SUMMARY

The EPI claim group (96 units), located approximately 63 km north of Savona, British Columbia in the Clinton Mining Division, was staked in 1985 and 1986 by Michael Dickens and optioned to Inco Gold Company in 1988. Access to the property is via the Deadman River road which connects to the Trans Canada Highway.

Geologically, the EPI claim group is underlain by Late Triassic mafic to intermediate volcanic rocks of the Nicola Group. These are intruded by Triassic or Jurassic granitic rocks of the Thuya Batholith Suite. Probably during the Cretaceous, the Nicola volcanics were locally silicified near the paleo-surface and carbonatized further at depth. Extensive Eocene sedimentary and volcanic rocks cover much of the older rocks. Several faults and shear zones cut the pre-Eocene rocks. Mineralization consists of thin quartz veins with minor base and precious metal values cutting zones of carbonatization within the Nicola volcanics.

During 1988, exploration by Inco Gold consisted of gridding, prospecting, geological mapping, rock and soil geochemical sampling. Several soil anomalies were defined. The first is an elongate N-NE trending coincident Au+Ag+As+Mo anomaly of 200m width and 400m length cut off at the south border of the YARD #1 & 2 claims. Values are up to 110 ppb Au, 1.3 ppm Ag, 43 ppm As and 35 ppm Mo. The second anomaly is on the YARD #1 claim and demonstrates partial coincidence and overlap between an elongate molybdenum zone and spot highs of gold, arsenic and silver. This latter anomaly is located along a NE-trending linear drainage cutting grid line ON at 300W. Values are up to 150 ppb Au, 0.6 ppm Ag, 15 ppm As and 59 ppm Mo. The third anomaly is gold only; it is elongate, 450m long and trends along the baseline between 450N to 900N. Gold values are up to 155 ppb.

Few anomalies occur over the gridded parts of the EPI claims because of the lack of response from extensive Eocene sedimentary and volcanic rocks. Those anomalies present occur within the area underlain by Nicola Group volcanics. A broad arsenic anomaly (up to 694 ppm) and two spot silver anomalies (each 0.7 ppm) are coincident with the carbonatized + silicified zones on either side of Deadman River. An elongate NW-trending gold anomaly (up to 150 ppb) is present on the south side of the Deadman River at 2400S and 325E and a small arsenic anomaly occurs at 2500S along the baseline (40 ppm).

2.0 INTRODUCTION

This report covers work done on the EPI claim group (96 units) during the period June 1 to June 25, 1988. The work program was completed by Canadian Nickel employees (up to 2) and a contractor who employed up to six individuals at various stages.

Access to the claims was by four wheel drive vehicles. Accommodation was provided by a cabin at the nearby GNOME claim and various motels in Savona and Kamloops.

2.1 Location, Access, Physiography

The EPI claim group is located approximately 55 km north of the Trans Canada Highway along the Deadman River road which leaves the Highway eight km west of Savona, B.C. and 35 km east of Cache Creek. Secondary logging roads provide access to most parts of the claim group.

The claim group occurs on a relatively flat plateau with elevations ranging from 1037 m (3400 ft.) to 1128 m (3700 ft.) above sea level. The southern part is cut by the Deadman River gorge which ranges from 884 m (2900 ft.) to 1037 m (3400 ft.) above sea level. Two small sub-kilometre lakes are present: Enright Lake on YARD #1 claim and Allie Lake on EPI #3. Drainages flow southwesterly into the Deadman River - Vidette Lake system.

Cattle ranching is common in the area with small herds of cattle on the open range being frequently encountered on the roads.

2.2 Property Definition

The EPI claim group is located in the Clinton Mining Division, claim sheet N.T.S. 92P-2W (Figure 1).

Inco Gold Company (a business unit of Inco Limited) has taken an option on the EPI claim group owned by Mr. Michael Dickens of Savona, B.C. Canadian Nickel Company Limited (a wholly owned subsidiary of Inco Limited) conducted the exploration. The claim holdings consist of nine claims totalling 96 units.

CLAIM NAME	UNITS	RECORD NUMBER	DATE RECORDED	EXPIRY DATE
EPI #1	20	2027	July 11, 1986	July 11, 1988
EPI #2	8	2028	"	"
EPI #3	15	2029	"	"
EPI #4	2	2030	"	"
YARD #1	20	2023	"	"
YARD #2	20	2024	"	"
YARD A Fr.	1	2025	"	"
YARD B Fr.	1	2026	"	"
K.G.D.	9	1940	Dec. 10, 1985	Dec. 10, 1988

Much of the ground surrounding the EPI claim group is staked. The centre of the horseshoe-shaped claim group is occupied by the GNOME claim of Chevron Canada Resources (currently under option to Inco Gold Company). West and southwest of the YARD #1 and YARD A and B fractions are numerous leases related to the former Vidette Mine owned by Gold Power Resources Inc. and the TUG Group (including VIDETTE #1 and 2) owned by Tugold Resources Inc. To the south and west, the VIDETTE Group owned by Charles Boitard consists of CLINTON 1-5, NORKAM 1-4, ESTHER 1-3, VITO, LINK 1-3 and TOPO claims. East of the EPI #1, 3 and 4 claims are the CASA and PRECISELY claims owned by Inter-Pacific Resource Corp. Open ground occurs north and east of the YARD claims.

2.3 Previous History

A review of the B.C. Ministry of Energy, Mines and Petroleum Resources Mineral Inventory and Assessment Report Index Map indicates no previous work has been filed or reported on the ground covered by the EPI claim group. Previous work in the nearby area has concentrated on the Vidette Mine and the contiguous GNOME claim.

During the period 1933 to 1940, the Vidette Mine produced approximately 40,000 oz of gold, 30,000 oz of silver and 100,000 lbs of copper from 55,000 tons of ore (Gruenwald, 1980). Mineralization consists of northwest trending quartz veins with pyrite, chalcopyrite and tellurides and the veins are localized along "fault fractures in the Nicola greenstones" (Cockfield, 1935, p. 30).

The GNOME claim has been explored as a molybdenum prospect in the early 1980's and most recently as a gold prospect. Work programs involved geological mapping, geophysics, geochemistry and diamond drilling of two holes. Current property work is being undertaken on the PRECISELY group of claims where mineralization consists of gold-bearing siliceous replacements of Nicola Group argillite.

2.4 1988 Exploration Program

The 1988 exploration program was carried out by Canadian Nickel employees and a contractor, Amex Exploration Services Ltd., during June 1 to June 25, 1988. Amex was accommodated in a cabin on the nearby GNOME claim and Canadian Nickel employees were accommodated in a combination of motels in Savona and Kamloops and in a tent on the GNOME claim. Access to and from the property on a daily basis was by means of pickup truck and foot from the cabin and by rented four-wheel drive Ford Bronco from Savona and Kamloops.

The work program included construction of a 358.5 degree-trending baseline that extends from the YARD #1 claim south to the northern part of the EPI #2 claim. East-west grid lines were established at 100 m intervals from 0 North to 1000N on the YARD claims and from 2000 South to 3000 South on the EPI #2 and #3 claims. Grid lines are one kilometre long except for the 0 North line which is two kilometres long.

Geological mapping, prospecting, geochemical soil sampling and minor geochemical rock sampling were conducted over the grid area. Grid construction and soil sampling were completed by Amex Exploration Services Ltd. from Kamloops; geological mapping and rock sampling were carried out by Canadian Nickel employees J. Morin and W. Groeneweg.

A total of 17 rock samples and 961 soil samples was collected during the program.

Figure 4 outlines the grid location in relation to claims within the EPI claim group.

3.0 REGIONAL GEOLOGY

Upper Proterozoic to Triassic eugeosynclinal sedimentary and volcanic rocks form a northwest trending sequence of rocks within this part of the Intermontane Belt in south-central British Columbia (Bonaparte Lake map-area, N.T.S. 92P - Campbell and Tipper, 1971). They are intruded by two suites of granitic plutonic bodies: the older Thuya and Takomkane Batholiths of Triassic or Jurassic age and the younger Cretaceous Raft and Baldy Batholiths. Extensive Tertiary volcanic and minor sedimentary rocks overlie much of the older rocks.

Regional structure is dominated by north-northwest trending faults: the Pinchi Fault to the northeast and the Fraser-Straight Creek Fault to the west. Shear zones with related alteration and mineralization are commonly associated with these faults.

4.0 GEOLOGICAL SURVEYS

The EPI claim group is underlain by late Triassic Nicola Group volcanics intruded by granitic rocks of the Triassic or Jurassic Thuya Batholith and overlain by a Cretaceous siliceous cap and Miocene sediments and volcanics.

General geology of the property is outlined in Figure 3. Geological mapping was carried out at a scale of 1:5000.

4.1 Geological Units

Late Triassic andesitic lapilli tuff of the Nicola Group are the oldest rocks on the property. The rock weathers pale green and is commonly dark green on fresh surface. Equant 2 mm to 8 mm phenocrasts are commonly present and form 10 to 20% of the rock. They are set within a fine grained andesitic tuff matrix that is difficult to distinguish from an andesite flow. However, some weathered surfaces clearly show the clastic texture of the rock.

Granitic plutonic rocks of the Triassic to Jurassic Thuya Batholith are present. Biotite-hornblende granodiorite (Unit 2) intrudes Nicola volcanics on the YARD #1 claim. The rock is white, medium grained, equigranular and massive. It is responsible for local contact metamorphism of andesitic tuff to garnet-diopside+actinolite (1e) and actinolite tactite (1d).

Locally, a siliceous cap developed near the paleosurface within and overlying the Nicola volcanics. Geothermal activity responsible for formation of the siliceous cap was probably associated with granitic plutonism of Cretaceous age.

Siliceous cap rocks occur in the southwest corner of YARD #2 claim exposed in small outcrops on the sides of a northerly trending gully. They are varicoloured (white, red, buff, brown) and include a range of similar-looking rock types varying from those cut by quartz veins to those completely replaced by silica. Brown, vuggy cryptocrystalline quartz is mainly massive but locally forms the matrix of breccia with clasts of cryptocrystalline quartz and clay altered Nicola volcanics. Silicified volcanics and massive cryptocrystalline quartz are both cut by veins and veinlets of white cryptocrystalline quartz. In some places, primary volcanic breccia is silicified and the relict coarse clastic texture is still visible. Vugs are common and locally infilled with pale green fluorite. Nearby on the GNOME claims, comparable silica mineralization includes delicate, thin layers of cryptocrystalline quartz interpreted as hot spring pool sinter.

Overlying the Nicola volcanics on the EPI claim group are local sediments of the Miocene Deadman River Formation and lava flows of the Plateau Lava. The sediments are buff to cream-coloured pebble conglomerate and siltstone (Unit 4). Commonly, they are extensively argillized. Their attitude of deposition varies from horizontal to gently dipping and thickness from zero to a few tens of metres. The volcanics overlie the sediments and consist of several brown weathering, black, olivine-porphyrific, moderately magnetic basalt lava flows. Features such as columnar jointing, rusty weathering oxidized flow tops and basal rubbly flow breccia are well developed. Individual flow thickness is in the order of 10 m to a few tens of metres. The lavas are flat lying and form upland plateau surfaces with vertical cliff faces.

4.2 Structure, Alteration and Mineralization

The area is cut by numerous faults and shear zones. Deformation is widespread and especially prominent in rocks of the Nicola Group. They display no primary layering and vary from massive to intensely sheared, the latter especially near faults and shear zones.

Four types of fault structures are evident:

- 1) N-NW-trending major fault along the Vidette Lake valley;
- 2) W-NW-trending shear zones with locally extensive argillic alteration, carbonatization and minor quartz veins and silicification; some en echelon dextral displacement of the Vidette Lake valley fault has taken place along these shear zones;
- 3) N-trending lineament marked by sheared Nicola Group rocks locally cut by quartz vein swarms and overlain by highly silicified Nicola volcanics and chalcedony matrix breccia;
- 4) W-SW-trending airphoto lineaments probably correlative with normal faults.

Campbell and Tipper (1971) considered much of the deformation to be related to block faulting of probable Cretaceous age.

Alteration is widespread in rocks underlying the EPI claim group. The Nicola volcanics are locally contact metamorphosed to assemblages of actinolite and garnet-diopside-actinolite near the contact with rocks of the Thuya Batholith Suite near the south edge of the YARD #1 claim.

Nicola volcanics are extensively altered to chlorite-rich calcareous greenstones and range from massive to schistose in texture. They are locally carbonatized within zones of intense shearing to assemblages of ankerite and dolomite(?) with minor quartz and calcite. This alteration is especially evident west of Deadman River Falls where three major zones of carbonatization are hosted in Nicola volcanics (Zones A, B and C) and exposed along cliff outcrops (see Figure 3).

Zone A is tabular with a strike of 114 degrees and dip of 70 degrees to the south. It varies from 2 m to 5 m thick and is exposed for at least a 20 m width along the cliff face on the north side of Deadman River. The zone consists of orange-brown carbonatized fault breccia with schistose highly sheared borders and internal lensey quartz veins up to 10 cm thick by 50 cm long but mainly 1 cm by 5 cm. Nicola volcanics surrounding the zone are bleached white to pale green and altered to sericite-clay-carbonate. Zone A trends parallel to the cliff slope for about 75 m east upcreek and is indicated by a few outcrop ledges and also abundant orange weathering talus. On the south side of Deadman River (2300S, 530E), a similar zone of carbonatization is probably the extension of Zone A. The carbonatization does not extend up into the overlying Miocene sediments.

Zone B trends along the steep cliff slope on the north side of Deadman River and is exposed in several disc-like erosional remnants. It consists of orange-brown carbonatized rock surrounded by bleached Nicola volcanics. On the south side of the creek, the zone has been exposed over 30 m vertically by several hand trenches and dips moderately to steeply west. It consists of variably carbonatized Nicola porphyritic volcanics cut by a massive grey cryptocrystalline lensey quartz body up to 50 cm thick and quartz veinlet swarms. The quartz body is locally bounded by narrow gouge zones and contains several mm sized vugs lined with gypsum crystals. Minor disseminated pyrite is locally present within the quartz. Rock samples from Zone B trenches are RX 039938 to RX 039941.

Zone C cuts the Nicola volcanics at about 110 degrees as a vertical to steeply south-dipping tabular body along a chute on the cliff slope. It consists of lenses of carbonatized volcanics flanked by bleached sericite and clay-rich gouge and fault breccia. Rare quartz-pyrite-chalcopyrite-sphalerite veinlets occur on the east side of the zone midway down the cliff at an elevation of about 3020 feet above sea level.

5.0 GEOCHEMICAL SURVEYS

The 1988 program completed exploration over a grid on the YARD and EPI claims totalling 23.9 km (12,000m on YARD and 11,900m on EPI). A 2000m base line (1000m on YARD and 1000m on EPI) oriented 358 degrees 30 minutes was established across part of the claims. East-west trending grid lines at 100 m intervals were established east and west of the baseline. Rock and soil geochemical surveys and geological mapping were completed over the grid. A total of 17 rock samples and 961 soil samples were collected.

Geochemical rock and soil samples were submitted to Acme Analytical Laboratories Limited, Vancouver, British Columbia. Samples were analyzed for 30 elements utilizing Inductively Coupled Plasma (ICP) technique, plus Au. A 0.5 gram -100 mesh crushed sample is digested with 3 ml of 3:1:3 HCl to HNO₃ to H₂O at 95 degrees C for 1 hour and then diluted by 10 ml of H₂O and analyzed by the standard ICP technique. Gold was analyzed by fire assay and atomic absorption utilizing a 10 gram sample which is ignited overnight at 600 degrees C and is digested with hot dilute aqua regia. The clear solution obtained is extracted with methyl isobutyl ketone.

Geochemical results are listed in Appendix A.

5.1 Rock Geochemical Survey

A total of 17 rock samples were analyzed from various locations throughout the EPI and YARD claims. Rock sample locations are plotted on Figure 3 and rock sample results for Au, Ag, As, Cu, Pb, Zn are plotted on Figure 3a. Rock sample descriptions and analytical results are listed in Appendix B.

Highest values obtained in the rock results were from sample RX 039958, a narrow quartz-calcite-ankerite vein with pyrite, chalcopyrite, malachite and azurite cutting the carbonatized Zone C: 2213 ppm Cu, 1 ppm Mo, 5185 ppm Pb, 8464 ppm Zn, 38.3 ppm Ag and 1020 ppb Au.

Copper, lead, zinc, silver and gold are high in only one sample, in Zone C described above. Arsenic values at the +2000 ppm level occur in silicified Nicola volcanics near Zone B on the EPI #2 claim. Molybdenum values are negligible.

5.2 Soil Geochemical Survey

A total of 961 soil samples were collected along the grid lines and base line. Sample interval was 25 metres. Soil sample locations are plotted on Figure 4. Soil sample results for Au, Ag,

As and Mo are plotted as Figures 4a to 4d respectively.

The soil profile on the property is well developed at most sample sites. The B-horizon was sampled wherever possible. In a typical sample, rock chip content was 10-20%, clay 5-10% and organics 10-20%. Colour of the sampled soil varied from red to red-brown to light, medium or dark brown.

Soil geochemical response is variable from the EPI-YARD grid. The blanket glacial drift on YARD #1 and #2 claims appears to effectively mask bedrock response except where erosion and dissection of the drift cover has taken place.

Three anomalous areas occur on the gridded portion of the YARD claims. A south-central coincident gold+silver+arsenic+molybdenum anomaly is located over silica cap mineralization referred to as the Central Gully Trend. The anomaly on the YARD #1 and #2 claims is 400m long and 200m wide. Values are up to 110 ppb Au, 1.3 ppm Ag, 42 ppm As and 35 ppm Mo.

A second anomaly demonstrates partial coincidence and overlap between an elongate molybdenum zone and spot highs of gold, arsenic and silver. This latter anomaly is located along a NE-trending linear drainage cutting grid line 0N at 300W on the YARD #1 claim. Values are up to 150 ppb Au, 0.6 ppm Ag, 15 ppm As and 59 ppm Mo.

The third anomaly is gold only; it is elongate, 450m long and trends along the baseline between 450N to 900N near the eastern boundary of YARD #1 claim. Gold values are up to 155 ppb.

Few anomalies occur over the gridded parts of the EPI claims because of the lack of response from extensive Eocene sedimentary and volcanic rocks. Those anomalies present occur within the area underlain by Nicola Group volcanics. A broad arsenic anomaly up to 500m across has values up to 694 ppm As and is coincident with the carbonatized + silicified zones on either side of Deadman River. In addition, two spot silver anomalies (each 0.7 ppm) are included within the latter arsenic anomaly. An elongate NW-trending gold anomaly (up to 150 ppb) is present on the south side of the Deadman River at 2400S and 325E and a small arsenic anomaly occurs at 2500S along the baseline (40 ppm).

6.0 CONCLUSIONS AND RECOMMENDATIONS

The 1988 exploration program on the EPI claim group consisted of geological and geochemical surveys. Much of the claim group is underlain by intermediate to mafic volcanic rocks of the Late Triassic Nicola Group that are locally intruded by granitic rocks of the Triassic or Jurassic Thuya Batholith. Probably during the Cretaceous, siliceous replacements of the Nicola Group rocks took place near surface and carbonatization of them at depth. Eocene sedimentary and volcanic rocks unconformably overlie the older rocks. Three soil geochemical anomalies were determined on the YARD claims: Au, Ag, As, Mo; Mo+Au+As+Ag and Au only. Several minor anomalies were determined on the EPI claims involving As+Ag; Au only; As only. The soil geochemical anomalies are generally

associated with zones of carbonatization and silicification of Nicola Group rocks.

Further exploration consisting of prospecting and diamond drilling of targets such as the 'Central Gully Trend' is recommended. A geological environment favourable for vein and replacement-hosted gold-silver mineralization has been outlined.

7.0 REFERENCES

- Bruaset, R.V., 1984. 1983 Year end report, GNOME claim (Record No. 1419), Vidette Lake area, Clinton Mining Division, B.C.; Unpublished report for Chevron Canada Resources Limited, 14 pp.
- Campbell, R.B., Tipper, H.W., 1971. Geology of the Bonaparte Lake Map-Area, B.C., G.S.C. Memoir 363.
- Cockfield, W.E., 1935. Lode Gold Deposits of the Fairview Camp, Camp McKinney and Vidette Lake Area, and the Divident-Lakeview Property near Osoyoos, B.C., G.S.C. Memoir 179.
- Dawson, J.M., 1973. Geochemical report on the Vidette Lake property, Clinton Mining Division, B.C.; Unpublished report for Kerr, Dawson & Associates Ltd., B.C.M.E.M.P.R. Assessment Report 4257.
- Dickens, M., 1987. Prospecting Report for the EPI #2, 3, 4, Mineral Claims, Clinton Mining Division, British Columbia; Unpublished private report submitted to B.C.M.E.M.P.R., 15 pp.
- Gruenwald, W., 1980. Geochemical report on the VIDETTE #1 claim, Lots 4747, 4748, 4751, 4764, 4766, Clinton Mining Division, B.C.; Unpublished report for Kerr, Dawson & Associates Ltd., B.C.M.E.M.P.R. Assessment Report #8955.
- Harris, J.F., 1984. Unpublished petrographic report for Chevron Canada Resources Limited.
- Scott, A.R., 1981. Geophysical Report on Induced Polarization and Magnetic Survey, Gala Property; B.C.M.E.M.P.R. Assessment Report #9223.

STATEMENT OF EXPENDITURES - 1988

EPI CLAIM GROUP

Line cutting (25.9 km) and soil geochemical sampling (961 samples) by Amex Exploration Services; 47 person-days during June 1-18, 1988 (includes board, accommodation, wages, fringe benefits, vehicles, tyvek stationing, soil bags, miscellaneous supplies, profit, overhead and insurances).	\$14,127.00
Assays (Acme Analytical): 961 soil samples (ICP, Au) @ \$11.60	11,147.00
Salaries: (Field)	3,315.00
Project Geologist, J.A. Morin June 7-13, 15-18, 25, 26 13 days @ \$255.00	
Senior Staff Geologist, W. Groeneweg June 1, 2, 7 3 days @ \$315.00	
Salaries: (Office)	765.00
Report Writing 3 days @ \$255.00	
Personnel Expenses:	
Accommodation:	271.00
Lakeside Court, Savona - 4 days	
David Thompson Motor Inn, Kamloops - 1 day	
Stockmans MotorInn, Kamloops - 2 days	
Meal Allowance:	400.00
16 days @ \$25.00	
Transportation:	
Truck Rental	576.00
Gasoline	192.00
Freight	400.00
TOTAL	\$32,138.00

9.0 AUTHOR'S QUALIFICATIONS

I, James A. Morin, of the City of Vancouver, in the Province of British Columbia, HEREBY CERTIFY:

1. THAT I reside at 202-1665 Nelson St., Vancouver, British Columbia, V6G 1M3

2. THAT I am a graduate of the University of Manitoba, Winnipeg, Manitoba with degrees of Honours Bachelor of Science (1969) and Master of Science (1970) and of the University of Saskatchewan, Saskatoon, Saskatchewan with degree of Doctor of Philosophy (1979).

3. THAT I am a Project Geologist, B.C. and Yukon, with Inco Gold Company, a unit of Inco Limited of Copper Cliff, Ontario, POM 1NO.

4. THAT I have practised my profession as a geologist since 1969, having worked in Ontario, Northwest Territories, Yukon Territory and British Columbia.

5. THAT I visited the property and that the work described in this report was carried out under my supervision or by me on behalf of Canadian Nickel Company Limited.

6. THAT I am a member of the Geological Association of Canada, a member of the Canadian Institute of Mining and Metallurgy, a member of the Society of Economic Geologists and a registered Professional Engineer with the Association of Professional Engineers of Yukon Territory.

DATED at Vancouver, British Columbia, this 9.th day of Sept 1988.



J.A. Morin, Phd, P.Eng.

APPENDIX A
ANALYTICAL RESULTS OF SOIL SAMPLES

GEOCHEMICAL ANALYSIS CERTIFICATE

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 NH FE CA P LA CR NG BA TI B W AND LIMITED FOR NA K AND AL. NO DETECTION LIMIT BY ICP IS 3 PPM. - SAMPLE TYPE: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GR SAMPLE.

DATE RECEIVED: JUN 23 1988

DATE REPORT MAILED: July 2/88 ASSAYER: J.D. TOYE OR C. LEONG, CERTIFIED B.C. ASSAYERS

INCO GOLD COMPANY PROJECT-60805 File # 88-2214 Page 1

Table with columns: SAMPLE#, No, 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, Mo, K, W, Au*. Rows list various sample IDs and their corresponding element concentrations in PPM.

SAMPLE#	Mo PPM	Cd PPM	Pb PPM	Zn PPM	Ag PPM	Bi PPM	Co PPM	Cu 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	Am PPM
1+00X 3+50W	1	12	6	53	.1	16	8	243	2.58	3	5	ND	1	22	1	2	2	51	.26	.029	4	32	.33	72	.18	3	1.16	.02	.09	1	1
1+00X 3+25W	2	18	3	73	.1	17	10	234	3.07	2	5	ND	2	26	1	3	2	57	.28	.045	6	36	.47	119	.18	2	1.52	.01	.13	1	1
1+00X 3+00W	1	11	7	52	.1	15	8	294	2.69	2	5	ND	1	26	1	2	3	54	.30	.027	5	32	.33	85	.19	6	1.18	.01	.09	1	1
1+00X 2+75W	11	35	12	127	.2	19	11	943	3.46	2	5	ND	1	45	1	2	2	64	.71	.059	8	41	.58	179	.11	11	2.44	.01	.10	1	2
1+00X 2+50W	27	104	8	78	.6	32	17	566	5.44	11	5	ND	1	41	1	2	2	126	.94	.040	18	66	1.32	77	.10	2	2.66	.01	.09	1	7
1+00X 2+25W	13	29	5	65	.1	16	9	443	2.74	9	5	ND	1	31	1	2	2	56	.50	.049	6	31	.45	99	.12	6	1.20	.01	.09	1	1
1+00X 2+00W	4	23	5	55	.1	20	9	298	3.09	5	5	ND	1	31	1	2	2	61	.43	.035	7	39	.46	88	.16	2	1.33	.01	.12	1	1
1+00X 1+75W	1	12	1	48	.1	13	8	196	2.53	2	5	ND	1	22	1	2	3	53	.27	.036	5	30	.29	79	.18	13	.97	.01	.08	3	1
1+00X 1+50W	1	10	8	42	.1	11	7	173	2.43	2	5	ND	1	22	1	2	2	52	.23	.019	4	29	.26	79	.20	8	.94	.01	.05	2	2
1+00X 1+25W	1	11	5	56	.1	14	8	176	2.59	4	5	ND	2	24	1	2	2	53	.25	.045	4	31	.27	104	.19	4	1.10	.01	.08	1	1
1+00X 1+00W	1	10	6	42	.1	14	7	179	2.55	3	5	ND	1	21	1	2	2	54	.24	.037	4	30	.28	82	.20	5	.98	.01	.04	2	1
1+00X 0+75W	1	14	5	38	.1	18	8	222	2.74	2	5	ND	1	26	1	2	2	58	.32	.043	6	31	.33	72	.17	22	.90	.01	.06	2	1
1+00X 0+50W	3	22	8	52	.1	22	11	294	3.55	4	5	ND	1	24	1	3	2	80	.28	.089	3	57	.77	57	.28	20	1.45	.01	.13	1	1
1+00X 0+25W	1	14	10	72	.1	19	9	249	2.96	2	5	ND	1	21	1	2	3	56	.24	.031	4	35	.43	113	.21	3	1.68	.01	.12	1	1
1+00X 0+25E	1	18	8	81	.1	22	11	327	3.41	5	5	ND	2	30	1	2	2	65	.34	.044	6	46	.56	77	.23	2	1.81	.01	.18	1	1
1+00X 0+50E	2	29	12	91	.1	32	14	379	4.27	2	5	ND	2	30	1	2	2	78	.36	.062	5	44	.72	180	.22	3	3.33	.01	.10	1	1
1+00X 0+75E	1	27	10	95	.1	23	9	254	3.08	5	5	ND	1	25	1	2	3	64	.45	.035	4	58	.95	87	.12	5	2.13	.01	.10	1	16
1+00X 1+00E	1	15	7	96	.1	19	9	558	2.91	2	5	ND	1	31	1	2	3	51	.34	.032	4	34	.41	126	.20	3	1.85	.01	.15	1	1
1+00X 1+25E	4	38	9	139	.1	32	16	631	4.42	5	5	ND	1	25	1	2	2	89	.41	.037	7	63	.84	138	.11	5	2.80	.01	.18	1	1
1+00X 1+50E	9	17	9	27	.1	17	7	206	3.54	2	5	ND	1	25	1	2	2	78	.38	.039	11	49	.38	123	.18	3	2.05	.01	.07	1	2
1+00X 1+75E	1	18	10	79	.1	20	10	419	3.39	3	5	ND	1	26	1	2	2	68	.26	.033	5	36	.44	122	.24	22	1.84	.01	.16	1	1
1+00X 2+00E	1	35	8	66	.1	20	6	285	2.57	4	5	ND	1	34	1	2	2	31	1.09	.044	5	27	.67	102	.11	10	2.80	.03	.14	1	1
1+00X 2+25E	1	20	14	107	.1	24	9	431	3.03	4	5	ND	1	38	1	2	2	35	.66	.019	5	33	.66	204	.15	5	3.21	.02	.14	1	3
1+00X 2+50E	1	12	6	49	.1	15	8	228	2.79	4	5	ND	1	25	1	3	2	58	.33	.021	3	36	.39	55	.23	8	1.20	.03	.10	2	1
1+00X 2+75E	1	14	6	63	.1	20	9	225	3.01	2	5	ND	2	24	1	2	2	61	.28	.042	4	38	.44	120	.22	31	1.51	.01	.09	1	1
1+00X 3+00E	1	15	8	62	.1	18	10	300	3.02	2	5	ND	1	28	1	2	3	61	.34	.027	6	42	.52	81	.24	5	1.51	.01	.12	1	1
1+00X 3+25E	1	14	8	59	.1	19	9	395	2.80	2	5	ND	1	27	1	2	2	52	.32	.030	4	34	.44	94	.20	9	1.77	.03	.13	1	1
1+00X 3+50E	1	14	10	67	.1	21	8	295	2.86	2	5	ND	2	23	1	2	2	50	.27	.060	4	35	.42	155	.19	10	2.09	.01	.08	1	1
1+00X 3+75E	1	13	7	51	.1	17	8	240	2.81	2	5	ND	2	21	1	2	2	56	.24	.035	4	37	.39	85	.21	35	1.39	.01	.09	2	23
1+00X 4+00E	1	24	11	51	.1	18	8	204	3.31	3	5	ND	1	16	1	2	2	49	.52	.011	11	43	.73	92	.19	2	1.94	.01	.18	1	1
1+00X 4+25E	1	20	9	63	.2	20	9	367	2.97	2	5	ND	1	33	1	2	3	53	.38	.028	8	40	.48	97	.20	3	1.85	.01	.14	1	1
1+00X 4+50E	1	15	6	48	.1	21	10	256	3.09	3	5	ND	1	25	1	2	2	65	.28	.043	4	46	.47	69	.24	3	1.41	.02	.09	1	2
1+00X 4+75E	1	18	6	56	.1	21	11	308	3.20	3	5	ND	1	29	1	2	2	67	.37	.050	6	43	.50	84	.23	57	1.35	.02	.11	1	14
1+00X 5+00E	1	9	6	40	.1	13	7	232	2.22	4	5	ND	1	23	1	2	2	48	.28	.040	5	29	.33	69	.17	9	.90	.01	.08	2	1
1+00X 5+25E	1	58	15	90	.1	34	19	453	4.03	2	5	ND	1	36	1	2	2	64	.49	.075	7	46	.87	163	.17	11	3.34	.01	.08	1	1
1+00X 5+50E	1	26	14	77	.1	26	8	332	2.71	2	5	ND	1	34	1	2	3	37	.55	.033	7	33	.67	128	.15	6	2.66	.01	.20	1	1
STD C/RU-S	18	60	41	132	6.8	70	29	1082	4.13	41	17	8	38	50	17	21	21	58	.49	.085	40	58	.94	181	.07	40	1.99	.06	.13	13	53

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Tb 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 ² PPB
0+00 2+00W	5	11	7	47	.1	11	6	239	2.41	3	5	ND	1	24	1	2	2	48	.32	.009	3	29	.33	80	.18	12	1.29	.02	.08	2	68
0+00 1+75W	3	10	1	40	.1	11	8	313	2.76	2	5	ND	1	24	1	2	2	51	.35	.015	4	28	.36	65	.21	3	1.18	.02	.07	1	1
0+00 1+50W	1	11	6	52	.1	14	7	239	2.55	2	5	ND	1	24	1	2	2	52	.28	.030	5	31	.31	79	.19	8	1.15	.02	.08	1	1
0+00 1+25W	1	10	5	54	.1	12	6	190	2.47	2	5	ND	1	24	1	2	2	50	.26	.032	4	30	.28	69	.19	4	1.13	.03	.07	1	1
0+00 1+00W	1	11	6	53	.1	15	7	199	2.64	3	5	ND	2	24	1	2	2	50	.26	.019	4	32	.34	91	.21	7	1.38	.02	.08	1	1
0+00 0+75W	1	10	6	63	.1	13	7	234	2.48	2	5	ND	2	23	1	2	2	47	.25	.023	4	31	.30	101	.19	9	1.46	.01	.07	1	1
0+00 0+50W	1	12	6	68	.1	17	8	292	2.85	2	5	ND	1	27	1	2	2	54	.30	.033	4	35	.37	103	.21	15	1.54	.02	.12	1	1
0+00 0+25W	2	12	7	60	.1	17	8	331	2.96	2	5	ND	2	27	1	2	2	55	.33	.019	4	35	.41	94	.21	6	1.79	.01	.11	1	1
0+00 0+25E	8	126	10	136	.4	23	16	919	5.52	22	5	ND	1	26	1	2	2	128	.98	.022	10	48	1.16	69	.09	10	2.59	.03	.15	1	4
0+00 0+50E	5	51	10	80	.1	22	12	400	4.10	18	5	ND	1	22	1	2	2	93	.39	.048	4	69	.81	60	.16	12	2.02	.03	.11	1	5
0+00 0+75E	9	113	9	97	1.3	36	19	1246	4.64	13	5	ND	1	37	1	2	2	133	1.45	.047	11	110	1.91	89	.01	3	2.86	.01	.10	1	20
0+00 1+00E	1	27	9	80	.1	25	12	592	3.76	3	5	ND	1	31	1	2	2	70	.40	.027	5	42	.62	108	.22	6	2.36	.04	.12	1	1
0+00 1+25E	1	18	7	100	.1	27	11	470	3.31	2	5	ND	2	25	1	2	3	58	.32	.092	5	37	.50	169	.19	6	2.35	.03	.10	1	1
0+00 1+50E	2	38	8	81	.1	25	13	331	4.09	7	5	ND	1	33	1	2	2	83	.41	.034	7	52	.73	96	.19	9	2.37	.02	.16	1	1
0+00 1+75E	9	89	14	93	.3	27	16	419	5.17	25	5	ND	1	30	1	2	2	126	.51	.037	18	61	1.17	127	.11	12	3.59	.02	.17	1	5
0+00 2+00E	35	77	14	165	.2	28	18	1228	5.82	42	5	ND	1	33	1	3	2	100	.66	.081	11	45	1.10	157	.04	10	3.19	.02	.17	1	18
0+00 2+25E	1	43	7	66	.1	31	14	646	3.97	7	5	ND	1	37	1	2	2	70	.47	.036	9	51	.74	99	.21	4	1.99	.04	.29	1	1
0+00 2+50E	1	14	6	66	.1	19	9	452	2.73	2	5	ND	1	27	1	2	2	50	.32	.047	4	38	.39	102	.19	6	1.67	.03	.17	1	1
0+00 2+75E	1	14	6	96	.1	19	9	517	2.69	2	5	ND	1	26	1	2	2	46	.29	.034	4	39	.43	122	.18	3	1.68	.02	.13	1	2
0+00 3+00E	1	15	5	42	.1	18	7	260	2.59	3	5	ND	1	32	1	2	2	52	.41	.039	9	41	.55	81	.23	4	1.40	.03	.11	2	3
0+00 3+25E	1	11	8	76	.1	15	6	443	2.09	2	5	ND	2	25	1	2	2	35	.31	.032	5	31	.40	190	.17	6	1.78	.02	.11	1	1
0+00 3+50E	1	13	6	85	.1	18	9	352	2.78	2	5	ND	2	24	1	2	2	51	.28	.047	4	37	.41	100	.20	11	1.85	.02	.11	1	5
0+00 3+75E	1	12	6	63	.1	15	8	340	2.66	2	5	ND	1	25	1	2	2	53	.30	.031	4	35	.38	89	.20	5	1.33	.02	.11	1	1
0+00 4+00E	1	9	8	48	.1	14	7	179	2.09	2	5	ND	1	25	1	2	2	37	.28	.015	5	29	.34	92	.16	8	1.66	.03	.06	1	1
0+00 4+25E	1	9	9	67	.1	13	7	387	2.20	2	5	ND	2	20	1	2	2	38	.24	.062	4	27	.29	147	.15	6	1.51	.01	.09	1	1
0+00 4+50E	1	10	6	75	.1	15	7	285	2.39	2	5	ND	2	21	1	2	2	46	.25	.047	5	31	.35	115	.17	9	1.41	.02	.08	1	2
0+00 4+75E	1	11	5	63	.1	17	7	209	2.52	2	5	ND	2	26	1	2	3	49	.30	.039	5	34	.36	119	.19	19	1.40	.01	.10	1	1
0+00 5+00E	1	13	4	49	.1	15	8	438	2.49	2	5	ND	1	29	1	2	2	48	.35	.022	8	32	.37	112	.17	5	1.12	.02	.17	1	1
0+00 5+25E	1	12	5	58	.1	11	8	391	2.34	2	5	ND	1	25	1	2	2	44	.31	.024	4	29	.37	92	.17	4	1.13	.01	.14	1	4
0+00 5+50E	1	20	12	143	.1	29	12	814	3.47	2	5	ND	1	39	1	2	2	53	.58	.059	9	41	.71	156	.18	4	3.33	.03	.18	1	1
0+00 5+75E	1	27	12	121	.1	33	10	298	3.78	2	5	ND	1	39	1	2	2	57	.47	.056	11	47	.82	153	.20	5	3.35	.03	.14	1	1
0+00 6+00E	1	25	15	126	.1	33	9	357	3.27	2	5	ND	1	36	1	2	2	50	.37	.069	7	40	.64	143	.18	2	3.20	.02	.09	1	1
0+00 6+25E	1	14	14	84	.1	26	7	708	3.51	2	5	ND	1	45	1	2	2	31	.63	.040	11	37	.85	167	.15	6	3.66	.03	.16	1	1
0+00 6+50E	1	18	9	96	.1	26	12	436	3.69	3	5	ND	2	27	1	2	2	67	.31	.042	4	43	.56	119	.20	7	2.44	.02	.09	1	1
0+00 6+75E	1	21	11	153	.1	29	11	411	3.35	2	5	ND	2	35	1	2	2	50	.37	.052	7	37	.54	180	.19	3	2.93	.02	.14	1	1
0+00 7+00E	1	20	8	140	.1	31	14	661	3.95	4	5	ND	1	30	1	2	2	67	.30	.072	5	43	.57	143	.24	7	2.88	.03	.13	1	3
STD C/AU-S	18	59	41	132	6.9	68	29	1065	4.09	42	21	7	35	49	18	17	19	58	.49	.083	40	57	.93	178	.07	39	2.00	.07	.15	12	48

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Hb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Sn* PPM
1+00S 6+25E	1	21	12	96	.2	18	10	675	3.01	4	5	ND	1	37	1	2	2	28	.75	.019	7	24	.77	77	.12	5	2.74	.02	.15	1	1
2+00S 1+00E	1	17	6	65	.1	14	9	460	2.84	2	5	ND	1	27	1	2	2	52	.28	.039	4	37	.48	90	.20	3	1.41	.01	.13	1	1
2+00S 1+25E	1	15	6	35	.1	6	7	318	1.54	3	5	ND	1	21	1	2	2	27	.33	.011	4	18	.29	42	.06	3	1.32	.01	.10	2	1
2+00S 1+75E	1	10	4	48	.1	11	6	374	2.25	2	5	ND	1	24	1	2	3	41	.30	.017	5	26	.31	99	.15	7	1.03	.01	.17	2	1
2+00S 2+00E	1	10	6	53	.1	13	7	396	2.56	2	5	ND	1	29	1	2	2	52	.34	.028	4	31	.35	89	.19	2	1.10	.01	.10	1	1
2+00S 2+25E	1	11	6	56	.1	14	7	232	2.47	2	5	ND	1	23	1	2	2	49	.26	.051	4	29	.30	99	.18	3	1.29	.01	.07	1	1
2+00S 2+50E	1	11	5	71	.1	14	7	491	2.44	2	5	ND	1	27	1	2	2	47	.31	.029	4	30	.33	125	.18	3	1.27	.02	.10	1	1
2+00S 3+00E	1	10	6	82	.1	15	7	499	2.40	2	5	ND	1	25	1	2	3	46	.31	.025	4	29	.32	130	.19	6	1.39	.01	.09	1	1
2+00S 3+25E	1	10	5	80	.1	16	7	405	2.35	4	5	ND	1	25	1	2	3	45	.32	.051	3	27	.30	126	.17	2	1.37	.01	.09	1	1
2+00S 3+50E	1	13	8	70	.2	18	8	244	2.61	2	5	ND	1	22	1	2	2	47	.27	.040	4	30	.37	150	.18	2	1.70	.01	.09	1	1
2+00S 3+75E	1	11	6	68	.1	15	8	362	2.53	2	5	ND	1	23	1	2	2	46	.26	.034	4	30	.37	110	.17	2	1.55	.01	.10	1	1
2+00S 4+00E	1	55	6	51	.6	29	8	1209	1.56	3	5	ND	1	170	1	2	3	24	6.01	.069	7	15	.70	139	.06	9	.97	.04	.16	2	1
2+00S 4+25E	1	207	3	115	.5	45	2	33	.41	2	5	ND	1	133	1	2	2	42	3.62	.099	9	8	.66	22	.01	24	.21	.02	.04	1	1
2+00S 4+50E	1	178	8	68	.9	60	6	132	2.79	2	5	ND	1	85	1	2	2	25	1.41	.052	9	36	.88	85	.09	6	2.50	.05	.12	1	1
2+00S 4+75E	1	13	7	58	.1	13	9	787	2.34	3	5	ND	1	32	1	2	2	45	.42	.032	3	25	.34	88	.16	4	1.29	.02	.15	1	1
2+00S 5+00E	1	14	9	85	.1	20	11	469	2.92	2	5	ND	1	28	1	2	2	47	.36	.045	3	29	.50	138	.16	9	2.17	.03	.10	1	1
2+00S 5+50E	1	15	6	79	.1	20	9	440	2.73	2	5	ND	1	26	1	2	2	50	.33	.035	3	36	.43	128	.18	2	1.97	.03	.08	1	1
2+00S 6+00E	1	11	6	80	.1	16	10	597	3.08	2	5	ND	1	27	1	2	3	52	.35	.029	4	32	.38	82	.19	3	1.51	.02	.11	2	1
2+00S 6+25E	1	14	6	82	.1	18	10	417	2.92	2	5	ND	1	25	1	2	3	50	.31	.044	4	32	.40	105	.18	6	1.92	.01	.12	1	1
4+00S 4+00W	2	17	7	71	.1	14	7	538	2.06	7	5	ND	1	24	1	2	3	35	.36	.037	3	25	.30	109	.10	3	1.30	.01	.12	1	1
4+00S 3+25W	2	20	6	76	.1	15	7	782	2.14	8	5	ND	1	33	1	2	2	37	.50	.070	4	25	.37	149	.10	12	1.34	.02	.14	1	1
4+00S 3+00W	1	15	8	40	.2	12	7	554	2.21	5	5	ND	1	23	1	2	2	39	.33	.028	3	26	.37	102	.11	6	1.34	.02	.16	1	1
4+00S 2+75W	1	23	7	59	.1	18	9	364	2.60	7	5	ND	1	27	1	2	2	52	.36	.054	9	34	.43	97	.13	4	1.41	.01	.14	2	1
4+00S 2+50W	1	17	5	91	.1	12	8	525	2.38	3	5	ND	1	24	1	2	2	45	.31	.046	5	29	.35	143	.14	2	1.17	.03	.14	1	1
4+00S 2+00W	1	23	4	90	.1	16	8	806	2.44	3	5	ND	1	39	1	2	2	49	.75	.042	5	30	.45	149	.13	10	1.30	.01	.15	1	1
4+00S 1+75W	1	22	7	82	.1	16	9	697	2.63	5	5	ND	1	32	1	2	2	48	.46	.049	6	31	.41	160	.14	4	1.59	.01	.17	1	1
4+00S 1+50W	1	13	6	122	.1	15	7	639	2.30	3	5	ND	1	29	1	2	2	38	.35	.068	4	25	.31	226	.12	5	1.58	.02	.13	1	1
4+00S 1+25W	2	18	6	94	.1	16	8	720	2.76	6	5	ND	1	30	1	2	2	52	.46	.028	4	34	.42	143	.17	2	1.54	.01	.16	1	1
4+00S 1+00W	3	44	4	66	.2	26	10	396	3.29	4	5	ND	1	33	1	2	4	67	.56	.041	7	46	.63	83	.14	8	1.49	.01	.18	1	8
4+00S 0+75W	2	23	8	107	.2	19	9	455	2.84	2	5	ND	1	29	1	2	2	49	.42	.042	6	35	.46	126	.15	4	1.95	.03	.12	1	1
4+00S 0+50W	2	21	9	76	.1	23	11	344	3.32	2	5	ND	1	24	1	2	2	62	.32	.043	5	40	.57	121	.19	2	2.24	.02	.14	1	3
4+00S 0+25W	1	16	7	118	.2	22	9	851	2.65	5	5	ND	1	26	1	2	2	43	.32	.131	4	29	.41	241	.14	8	2.20	.01	.11	1	1
4+00S 0+25E	1	39	3	51	.3	14	6	389	1.44	4	5	ND	1	157	1	2	2	20	9.81	.071	5	17	.74	121	.05	5	1.04	.01	.09	2	1
4+00S 0+50E	1	14	6	75	.1	15	10	378	2.58	6	5	ND	1	22	1	2	2	47	.33	.028	3	32	.42	119	.16	2	1.86	.02	.12	1	1
4+00S 0+75E	2	302	6	161	.8	43	8	614	2.42	6	5	ND	1	85	1	2	2	39	1.76	.120	6	37	1.02	103	.06	8	1.49	.05	.13	1	1
4+00S 1+00E	6	138	13	146	.5	44	23	1219	5.04	24	5	ND	1	45	1	3	2	120	2.59	.041	10	161	1.75	104	.08	3	2.77	.01	.14	1	1
STD C/AD-S	17	57	41	132	6.7	67	28	1351	4.01	40	22	7	36	48	17	16	19	56	.49	.081	39	56	.92	173	.06	32	1.95	.06	.14	11	67

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Mn PPM	Co PPM	Ni PPM	Fe %	As PPM	U PPM	Au PPM	Hg 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
4+00S 1+25E	1	18	7	66	.1	16	10	678	2.97	2	5	ND	1	34	1	2	2	56	.39	.019	5	41	.46	118	.20	2	1.38	.03	.21	1	1
4+00S 1+50E	1	15	8	69	.1	16	9	663	2.85	3	5	ND	1	37	1	2	2	50	.45	.031	5	34	.40	156	.18	6	1.58	.01	.18	2	1
4+00S 1+75E	1	11	6	53	.1	14	8	333	2.85	2	5	ND	1	27	1	2	2	59	.30	.016	3	36	.38	78	.22	8	1.24	.01	.13	2	1
4+00S 2+00E	1	14	9	69	.1	16	9	884	2.98	2	5	ND	1	37	1	2	3	60	.47	.028	4	36	.42	141	.22	2	1.39	.02	.14	1	1
4+00S 2+25E	1	23	8	74	.1	22	12	674	3.68	2	5	ND	1	36	1	2	2	67	.42	.031	7	48	.61	100	.23	7	1.71	.03	.24	1	1
4+00S 2+50E	1	40	7	69	.3	30	14	718	3.93	4	5	ND	1	48	1	2	2	71	.61	.048	10	49	.83	98	.20	8	1.90	.03	.19	1	2
4+00S 2+75E	1	20	7	54	.2	20	10	479	3.32	2	5	ND	1	34	1	2	2	61	.40	.025	7	39	.51	82	.19	13	1.49	.01	.13	1	1
4+00S 3+00E	1	11	6	52	.1	14	7	335	2.66	2	5	ND	1	24	1	2	2	51	.27	.018	3	32	.37	79	.19	11	1.40	.02	.11	2	1
4+00S 3+75E	1	17	8	68	.1	20	10	296	3.38	2	5	ND	1	22	1	2	2	66	.24	.033	5	45	.46	54	.23	2	1.33	.11	.15	1	1
4+00S 4+00E	1	14	8	80	.2	17	10	550	3.02	3	5	ND	1	30	1	2	2	56	.34	.030	4	38	.43	105	.20	8	1.36	.02	.20	1	1
4+00S 4+25E	1	20	9	113	.2	24	12	554	4.02	2	5	ND	1	42	1	2	2	55	.48	.030	6	31	.50	96	.18	7	1.88	.01	.13	1	2
4+00S 4+50E	1	18	8	131	.1	28	11	573	3.91	2	5	ND	1	47	1	2	2	59	.51	.041	7	45	.47	108	.21	2	2.06	.02	.18	1	1
4+00S 4+75E	1	13	8	115	.2	17	10	650	3.28	2	5	ND	1	33	1	2	2	59	.37	.021	4	38	.38	111	.25	6	1.42	.04	.13	1	7
4+00S 5+00E	1	13	7	99	.1	17	9	566	3.15	2	5	ND	1	36	1	2	2	58	.41	.016	3	35	.38	79	.22	8	1.22	.03	.09	1	3
4+00S 5+25E	1	26	12	205	.2	37	23	1095	6.44	3	5	ND	1	54	1	2	2	74	.71	.082	11	48	1.01	109	.38	7	2.57	.04	.18	1	1
4+00S 5+50E	1	14	10	85	.1	18	9	437	3.19	2	5	ND	1	33	1	2	2	53	.35	.021	5	34	.42	97	.20	5	2.05	.02	.10	1	1
4+00S 5+75E	1	11	11	134	.1	20	9	829	2.84	2	5	ND	1	26	1	2	2	54	.27	.053	3	27	.28	146	.18	2	1.57	.02	.06	1	1
4+00S 6+00E	1	14	9	83	.1	21	12	307	3.90	2	5	ND	1	38	1	2	2	72	.36	.033	5	46	.52	75	.30	11	1.86	.04	.07	1	1
5+00S 4+00W	2	24	6	106	.2	14	7	938	2.06	3	5	ND	1	32	1	2	2	33	.35	.070	4	24	.31	256	.09	2	1.39	.01	.12	1	1
5+00S 3+75W	2	25	8	103	.2	14	7	1202	2.06	2	5	ND	1	39	1	2	3	34	.54	.051	3	24	.31	235	.10	11	1.30	.02	.16	1	1
5+00S 3+50W	2	24	7	91	.2	15	8	853	2.29	3	5	ND	1	35	1	2	2	36	.48	.067	5	29	.39	216	.11	5	1.74	.01	.14	1	1
5+00S 3+25W	3	23	8	86	.2	14	8	790	2.36	6	5	ND	1	27	1	2	2	40	.37	.035	4	28	.39	207	.11	13	1.76	.02	.11	1	1
5+00S 3+00W	2	23	8	64	.1	16	10	791	2.69	4	5	ND	1	44	1	2	2	49	.61	.096	6	33	.40	190	.10	9	1.60	.01	.16	1	1
5+00S 2+50W	2	23	7	92	.2	15	8	873	2.47	2	5	ND	1	35	1	2	2	47	.53	.033	5	29	.38	188	.13	4	1.29	.01	.15	1	1
5+00S 2+25W	2	20	7	59	.1	15	9	422	2.97	3	5	ND	2	27	1	2	2	60	.39	.025	5	35	.44	98	.17	2	1.55	.02	.13	1	1
5+00S 2+00W	1	19	8	77	.2	17	9	509	2.67	2	5	ND	1	29	1	2	2	45	.33	.043	6	31	.39	150	.15	7	1.75	.01	.15	1	2
5+00S 1+75W	1	24	9	95	.3	21	11	467	3.12	7	5	ND	2	28	1	2	2	55	.36	.066	7	38	.50	127	.16	2	2.01	.02	.12	1	1
5+00S 1+50W	2	22	7	87	.1	17	10	417	2.94	2	5	ND	1	25	1	2	2	53	.32	.045	7	34	.45	113	.18	3	1.90	.01	.14	1	1
5+00S 1+25W	2	22	6	80	.2	17	10	353	2.89	3	5	ND	1	24	1	2	2	55	.34	.040	6	37	.43	98	.16	4	1.53	.01	.14	1	2
5+00S 1+00W	1	17	7	81	.1	14	7	517	2.50	2	5	ND	1	26	1	2	2	49	.34	.023	5	30	.35	150	.15	6	1.39	.01	.15	2	1
5+00S 0+75W	2	20	10	77	.1	16	9	481	2.88	5	5	ND	1	27	1	2	2	55	.32	.042	4	35	.43	128	.17	4	1.68	.04	.11	1	1
5+00S 0+50W	2	23	9	125	.1	21	10	777	3.12	2	5	ND	2	32	1	2	2	55	.36	.054	6	36	.47	220	.18	5	2.05	.02	.15	1	1
5+00S 0+25E	1	26	10	193	.2	26	13	1363	3.57	2	5	ND	1	53	1	2	2	64	.63	.063	7	41	.51	271	.21	3	2.06	.02	.16	1	1
5+00S 1+25E	4	36	8	115	.2	20	11	703	3.49	4	5	ND	1	28	1	2	2	75	.40	.035	5	50	.74	122	.14	2	2.01	.01	.10	1	2
5+00S 1+75E	3	32	8	95	.3	17	11	636	2.98	6	5	ND	1	25	1	2	2	60	.39	.022	4	71	.79	90	.11	2	1.82	.02	.14	2	1
5+00S 2+25E	3	32	9	111	.3	24	12	494	3.67	7	5	ND	2	29	1	3	2	81	.38	.043	4	72	.75	128	.16	11	2.17	.01	.09	1	1
STD C/AD-5	18	59	40	132	7.0	68	29	1066	4.12	43	18	7	37	50	18	16	19	57	.49	.084	40	57	.93	180	.07	32	1.99	.05	.14	12	51

SAMPLE#	Mo PPM	Co PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Tb PPM	Sr PPM	Cd PPM	Kb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	Y PPM	Am PPM
5+00S 2+50E	1	18	4	78	.2	17	8	389	2.79	8	5	ND	1	23	1	2	2	53	.26	.032	3	39	.43	122	.17	3	1.63	.02	.11	1	2
5+00S 3+00E	1	10	7	81	.2	14	7	570	2.27	4	5	ND	1	21	1	2	2	43	.22	.028	2	27	.29	156	.15	3	1.46	.01	.08	1	1
5+00S 3+25E	1	12	7	74	.1	16	7	351	2.40	5	5	ND	1	23	1	2	2	42	.26	.040	3	29	.34	145	.15	4	1.63	.03	.12	1	6
5+00S 3+50E	1	12	7	76	.2	15	7	437	2.33	3	5	ND	1	24	1	2	2	44	.31	.041	3	31	.32	107	.16	5	1.30	.02	.13	1	1
5+00S 3+75E	1	11	6	73	.1	15	7	471	2.31	5	5	ND	1	22	1	2	2	42	.23	.026	3	28	.32	127	.15	3	1.42	.02	.11	1	1
5+00S 4+00E	1	15	7	103	.1	11	7	559	2.29	5	5	ND	1	37	1	2	2	41	.37	.040	2	26	.28	162	.14	7	1.28	.01	.13	1	1
5+00S 4+25E	1	19	9	71	.2	13	9	315	2.97	8	5	ND	1	58	1	2	2	54	1.08	.011	5	33	.42	141	.13	8	1.78	.01	.12	1	2
5+00S 4+75E	1	106	10	152	.7	54	12	415	4.59	5	5	ND	1	98	1	2	2	42	1.53	.080	15	23	.89	131	.08	7	1.92	.05	.14	1	1
5+00S 5+25E	1	48	7	170	.3	23	9	530	2.26	4	5	ND	1	76	1	2	2	23	1.02	.046	5	20	.84	89	.06	5	1.38	.05	.11	1	1
5+00S 5+75E	1	14	7	70	.1	11	7	879	2.03	2	5	ND	1	31	1	2	2	33	.30	.025	2	19	.26	104	.14	3	1.20	.02	.15	1	2
5+00S 6+00E	1	19	8	146	.1	24	13	1094	3.93	3	5	ND	1	68	1	2	2	57	.71	.050	5	33	.47	138	.19	9	1.93	.04	.15	1	1
6+00S 0+25E	10	66	8	161	.3	34	19	1364	4.49	13	5	ND	1	45	1	2	2	86	.66	.049	8	109	1.20	239	.12	12	2.48	.02	.39	1	12
6+00S 0+50E	2	105	9	181	.4	40	21	2164	3.74	8	5	ND	1	101	1	2	2	69	1.91	.113	5	84	1.03	328	.10	11	1.91	.01	.19	1	1
6+00S 1+00E	3	46	12	161	.3	30	14	1378	3.92	25	5	ND	1	32	1	2	2	73	.44	.061	8	52	.73	183	.13	6	2.79	.02	.16	1	1
6+00S 1+25E	3	112	10	108	.5	36	24	755	6.02	21	5	ND	1	44	1	2	2	142	.63	.062	13	79	1.55	83	.15	5	3.24	.02	.19	1	1
6+00S 1+50E	2	45	10	87	.1	26	13	497	3.77	9	5	ND	1	34	1	2	2	81	.51	.023	6	62	.72	102	.15	9	2.05	.03	.16	1	2
6+00S 1+75E	6	75	10	112	.4	31	14	734	4.82	36	5	ND	1	38	1	2	2	122	.65	.042	5	130	1.16	154	.05	4	2.77	.01	.24	1	1
6+00S 2+00E	5	66	8	113	.3	30	15	931	4.18	20	5	ND	1	46	1	2	2	93	.89	.056	5	87	1.23	118	.08	8	1.98	.02	.23	3	3
6+00S 2+25E	1	16	4	59	.1	15	8	271	2.71	11	5	ND	1	20	1	2	2	57	.23	.022	3	36	.40	81	.17	8	1.20	.03	.12	1	1
6+00S 2+50E	1	12	8	81	.1	12	7	716	2.23	5	5	ND	1	24	1	2	2	47	.32	.034	2	26	.36	118	.13	9	1.17	.01	.11	1	1
6+00S 2+75E	1	29	7	75	.1	15	11	414	3.33	11	5	ND	1	28	1	2	2	74	.36	.027	3	36	.86	79	.14	4	1.66	.02	.15	1	1
6+00S 3+00E	1	32	7	91	.1	14	9	708	2.94	9	5	ND	1	28	1	2	2	60	.36	.031	4	30	.66	126	.14	9	1.60	.01	.12	1	1
6+00S 3+25E	1	15	6	109	.1	13	7	619	2.49	4	5	ND	1	25	1	2	2	51	.34	.025	2	39	.44	129	.14	7	1.19	.02	.11	1	1
6+00S 3+50E	1	19	7	70	.2	14	8	233	2.79	10	5	ND	1	23	1	2	2	57	.24	.021	4	32	.45	89	.17	6	1.32	.01	.12	1	2
6+00S 3+75E	1	17	5	78	.1	11	7	482	2.34	5	5	ND	1	20	1	2	2	45	.26	.038	3	25	.36	115	.12	4	1.19	.03	.11	1	1
6+00S 4+00E	1	26	7	99	.2	15	9	644	2.82	10	5	ND	1	23	1	2	2	56	.32	.023	4	36	.52	148	.12	5	1.46	.02	.15	1	1
6+00S 4+25E	1	21	8	88	.1	14	9	367	2.82	6	5	ND	1	23	1	2	2	54	.30	.024	3	35	.53	132	.15	6	1.49	.01	.13	1	2
6+00S 4+50E	1	20	8	67	.1	12	8	340	2.80	3	5	ND	1	23	1	2	2	57	.27	.021	5	32	.43	112	.15	2	1.28	.03	.10	1	1
6+00S 4+75E	1	17	5	59	.1	13	8	276	2.72	2	5	ND	1	25	1	2	2	56	.30	.027	3	32	.34	66	.15	5	1.16	.02	.09	1	1
6+00S 5+00E	1	28	7	85	.2	15	12	1016	3.14	7	5	ND	1	32	1	2	2	67	.42	.024	6	32	.51	159	.15	4	1.23	.02	.18	1	1
6+00S 5+50E	1	12	11	51	.1	16	10	235	3.16	6	5	ND	1	32	1	2	2	49	.36	.014	3	34	.49	77	.19	4	2.32	.02	.07	1	1
6+00S 5+75E	1	17	9	66	.1	15	9	477	2.81	2	5	ND	1	43	1	2	2	43	.55	.025	3	24	.52	75	.15	5	1.69	.01	.08	1	1
7+00S 0+25E	4	95	13	130	.4	40	21	935	5.10	13	5	ND	1	43	1	2	2	109	.63	.056	8	100	1.49	124	.16	7	3.59	.01	.48	9	1
7+00S 0+50E	5	123	12	120	.4	42	22	957	6.58	35	5	ND	1	45	1	2	2	148	.77	.052	12	109	1.25	97	.05	5	2.60	.01	.27	1	1
7+00S 0+75E	13	115	11	111	.6	53	19	1396	4.61	50	5	ND	1	54	1	3	2	113	.94	.074	10	116	.90	160	.02	7	2.36	.01	.33	3	91
7+00S 1+00E	4	61	9	130	.2	32	18	1066	4.64	12	5	ND	1	36	1	2	3	101	.51	.043	7	104	.94	179	.11	9	2.32	.01	.25	1	1
STD C/AU-S	17	58	41	132	6.7	68	28	1058	4.05	43	20	7	37	49	17	17	19	56	.46	.082	39	56	.93	176	.07	40	1.92	.06	.14	12	52

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Mn PPM	Co PPM	Ni PPM	Fe %	As PPM	V PPM	Au PPM	Tb PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Hg %	Ba PPM	Yt %	B PPM	Al %	Ka %	K %	V PPM	Au* PPM
7+00S 1+25E	3	111	12	126	.6	49	24	1491	6.06	16	5	ND	1	47	1	2	2	134	.74	.049	11	156	1.61	188	.07	2	3.53	.03	.49	1	4
7+00S 1+50E	3	157	9	94	.7	53	23	716	6.37	20	5	ND	1	42	1	2	2	155	.85	.044	10	151	2.23	114	.99	2	3.78	.02	.48	1	30
7+00S 1+75E	3	41	8	70	.2	21	13	344	3.57	16	5	ND	1	28	1	2	2	84	.30	.020	7	60	.80	82	.14	2	2.04	.02	.15	2	2
7+00S 2+00E	4	57	9	67	.2	24	15	446	3.95	27	5	ND	1	29	1	2	2	98	.37	.019	8	67	.91	81	.13	2	1.95	.02	.27	1	6
7+00S 2+50E	3	44	9	125	.1	21	13	615	4.04	18	5	ND	1	37	1	2	2	96	.46	.044	6	74	.84	166	.14	3	2.27	.02	.26	1	1
7+00S 3+00E	1	25	6	109	.2	17	9	535	3.34	10	5	ND	1	37	1	2	3	64	.42	.032	5	34	.56	138	.17	4	1.61	.03	.22	1	2
7+00S 3+25E	1	38	8	114	.2	17	11	943	3.67	9	5	ND	1	45	1	2	2	72	.60	.030	8	36	.75	205	.16	2	1.80	.02	.29	1	3
7+00S 3+50E	1	25	5	67	.1	15	10	387	3.38	12	5	ND	1	33	1	2	2	71	.35	.021	5	40	.63	79	.17	3	1.37	.04	.17	1	1
7+00S 3+75E	1	45	6	76	.3	18	13	549	3.97	23	5	ND	1	35	1	2	3	91	.44	.028	9	42	.88	103	.14	2	2.00	.02	.16	1	1
7+00S 4+00E	1	22	6	53	.1	12	9	360	2.69	8	5	ND	1	28	1	2	2	57	.32	.018	4	34	.57	94	.13	8	1.31	.01	.16	2	1
7+00S 4+25E	1	36	6	60	.1	13	10	469	3.21	10	5	ND	1	30	1	2	3	72	.38	.018	5	41	.68	94	.15	2	1.36	.01	.17	1	1
7+00S 4+50E	1	42	8	74	.1	17	13	564	3.66	5	5	ND	1	34	1	2	2	83	.45	.016	6	41	1.00	108	.16	11	1.89	.02	.27	1	1
7+00S 4+75E	1	39	10	112	.4	41	25	734	4.76	9	5	ND	1	42	1	2	2	120	.79	.058	7	116	3.57	123	.11	3	3.27	.02	.51	1	3
7+00S 5+00E	1	36	10	130	.2	30	17	730	4.47	9	5	ND	1	40	1	2	2	76	.45	.129	6	51	1.19	207	.19	2	3.31	.03	.15	2	1
7+00S 5+25E	1	22	9	99	.1	16	11	544	3.25	3	5	ND	1	29	1	2	2	58	.34	.031	3	38	.88	168	.13	2	2.32	.03	.19	1	1
7+00S 5+50E	1	20	7	89	.1	20	12	456	3.59	8	5	ND	1	36	1	2	2	71	.48	.026	6	45	.65	100	.22	4	1.56	.02	.16	1	5
7+00S 5+75E	1	24	10	127	.2	39	23	533	7.35	3	5	ND	1	62	1	2	2	97	.80	.072	11	26	1.50	84	.48	6	2.80	.06	.16	1	1
7+00S 6+00E	1	24	8	113	.2	23	16	559	5.25	4	5	ND	1	39	1	2	3	89	.44	.030	7	34	.83	131	.36	4	2.17	.05	.26	1	1
8+00S 4+25W	2	70	12	91	.5	25	14	1609	6.36	9	5	ND	1	31	1	2	2	189	.70	.088	12	82	2.12	266	.13	2	3.50	.05	.94	1	164
8+00S 4+00W	2	58	10	137	.2	29	17	828	4.47	17	5	ND	1	39	1	2	3	84	.52	.063	10	56	.95	209	.15	9	3.12	.05	.43	1	13
8+00S 3+75W	5	52	12	148	.2	25	15	562	3.87	21	5	ND	1	30	1	2	2	66	.44	.046	8	46	.75	130	.13	4	2.40	.02	.42	1	1
8+00S 3+50W	5	48	8	116	.2	25	14	442	4.14	19	5	ND	1	30	1	2	2	77	.47	.045	10	56	.74	123	.16	2	2.71	.02	.34	1	4
8+00S 3+25W	2	33	9	112	.2	22	12	667	3.48	10	5	ND	1	31	1	2	2	62	.50	.073	8	44	.55	144	.14	5	2.46	.03	.31	1	2
8+00S 3+00W	2	27	7	98	.2	19	12	534	3.28	5	5	ND	1	29	1	2	2	63	.48	.040	7	42	.54	106	.16	9	2.00	.03	.31	1	1
8+00S 2+75W	3	43	9	105	.2	24	14	757	3.77	12	5	ND	1	35	1	2	3	71	.61	.063	10	53	.65	167	.14	6	2.62	.03	.29	1	2
8+00S 2+50W	3	47	8	88	.2	22	14	522	3.58	13	5	ND	1	30	1	2	2	70	.46	.030	8	55	.72	102	.15	3	2.11	.03	.28	1	1
8+00S 2+25W	2	29	10	99	.2	23	12	574	3.42	11	5	ND	1	32	1	2	2	62	.45	.058	9	44	.55	154	.15	2	2.30	.01	.26	1	1
8+00S 2+00W	2	30	9	94	.2	24	14	600	3.94	8	5	ND	1	32	1	2	2	75	.52	.049	9	54	.65	109	.17	8	2.14	.04	.32	1	1
8+00S 1+75W	4	56	13	116	.3	25	16	636	4.09	16	5	ND	1	30	1	2	3	78	.47	.044	7	60	.60	114	.16	11	2.17	.01	.25	1	2
8+00S 1+50W	1	39	8	133	.3	25	14	690	3.60	6	5	ND	1	33	1	2	3	69	.53	.062	10	58	.58	167	.14	2	2.31	.02	.28	1	4
8+00S 1+25W	2	28	9	129	.1	21	12	793	2.82	3	5	ND	1	26	1	3	2	46	.38	.063	6	37	.50	163	.13	2	2.06	.01	.25	1	1
8+00S 1+00W	2	37	7	74	.2	17	10	509	2.50	6	5	ND	1	37	1	3	2	48	.99	.033	4	38	.42	70	.13	6	1.20	.01	.20	2	1
8+00S 0+75W	3	51	9	156	.3	27	17	951	3.67	9	5	ND	1	41	1	4	2	64	.74	.050	6	58	.79	166	.13	4	2.58	.03	.30	1	2
8+00S 0+50W	1	32	10	139	.2	26	15	951	4.00	9	5	ND	1	40	1	3	2	66	.57	.065	9	46	.70	173	.19	4	2.74	.01	.29	1	3
8+00S 0+25W	11	49	9	142	.5	25	15	1091	5.03	9	5	ND	1	33	1	2	3	122	.57	.050	7	74	1.25	146	.07	2	3.38	.03	.26	1	1
8+00S 0+25E	5	42	9	110	.2	28	14	561	4.64	8	5	ND	1	32	1	2	2	100	.47	.031	8	67	1.00	140	.17	3	3.12	.02	.13	1	2
STD C/AU-S	17	57	39	132	6.7	67	28	1051	3.99	42	17	7	36	48	17	17	18	56	.48	.080	38	35	.91	173	.06	36	1.95	.07	.14	13	58

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	V PPM	Au PPM	Tl 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
9+00S 0+25W	2	163	12	406	.6	69	37	2251	5.83	13	5	ND	1	55	1	2	2	77	1.07	.119	6	59	.87	138	.05	2	2.66	.01	.16	1	13
9+00S 0+50E	5	145	12	106	.5	48	19	920	5.71	22	5	ND	1	48	1	2	2	126	1.08	.100	11	143	2.32	97	.06	8	2.98	.01	.30	1	7
9+00S 0+75E	6	97	11	125	.2	46	24	1561	5.25	30	5	ND	1	54	1	2	2	123	1.27	.169	9	141	2.06	143	.04	3	2.70	.03	.45	2	3
9+00S 1+00E	5	104	9	111	.3	42	18	1162	4.38	20	5	ND	1	61	1	2	2	98	1.26	.094	8	95	1.45	193	.05	3	2.34	.01	.38	1	2
9+00S 1+50E	2	38	11	95	.2	24	13	845	3.49	9	5	ND	1	32	1	2	2	70	.58	.062	8	52	.72	185	.12	2	2.33	.01	.22	1	3
9+00S 1+75E	2	35	14	110	.2	22	13	986	3.39	7	5	ND	1	34	1	2	2	65	.59	.058	8	49	.65	202	.14	3	2.41	.02	.19	1	2
9+00S 2+25E	5	95	11	117	.2	27	17	1190	3.77	20	5	ND	1	36	1	2	2	78	.62	.054	10	63	.85	188	.09	2	2.35	.02	.27	1	4
9+00S 2+50E	4	51	11	85	.2	23	15	767	4.01	21	5	ND	1	30	1	2	2	90	.48	.030	10	61	.95	145	.11	2	2.58	.03	.28	1	3
9+00S 2+75E	2	48	9	64	.4	23	12	633	3.09	12	5	ND	1	86	1	2	2	67	2.44	.055	6	44	.90	125	.10	2	1.54	.02	.21	1	6
9+00S 3+00E	2	25	9	86	.2	16	11	956	2.73	9	5	ND	1	30	1	2	2	52	.42	.041	5	37	.62	136	.10	2	1.86	.02	.22	1	3
9+00S 3+25E	1	25	9	70	.1	14	10	388	2.97	9	5	ND	1	27	1	2	2	64	.34	.026	5	37	.59	99	.14	2	1.38	.01	.17	1	2
9+00S 3+75E	1	24	9	76	.1	15	10	350	2.83	7	5	ND	1	32	1	2	2	58	.35	.028	3	35	.84	79	.12	2	1.73	.01	.15	2	3
9+00S 4+00E	1	120	11	147	.3	26	22	751	4.04	4	5	ND	1	43	1	2	2	107	.53	.050	6	51	2.20	173	.13	10	2.97	.02	.46	1	2
9+00S 4+25E	1	118	10	62	.4	28	15	1404	3.08	19	5	ND	1	93	1	3	2	65	1.22	.046	7	69	1.59	176	.05	8	2.33	.02	.12	1	5
9+00S 4+50E	3	49	10	81	.5	54	19	1049	4.51	36	5	ND	1	46	1	2	2	112	.92	.056	10	164	2.09	103	.06	16	2.80	.02	.22	1	23
9+00S 4+75E	3	32	13	91	.2	18	11	1274	2.90	21	5	ND	1	60	1	2	2	58	.64	.038	11	34	.89	235	.07	3	2.31	.01	.19	1	1
9+00S 5+00E	1	36	9	84	.1	24	14	714	4.11	4	5	ND	1	36	1	2	2	77	.45	.040	7	46	.88	143	.19	2	1.93	.04	.23	2	1
9+00S 5+25E	1	22	9	62	.1	15	9	390	2.69	2	5	ND	1	29	1	3	2	50	.29	.019	4	36	.70	118	.12	4	1.46	.01	.18	1	3
9+00S 5+50E	1	34	11	79	.1	24	14	498	3.77	4	5	ND	1	36	1	2	2	75	.47	.028	7	59	.95	158	.16	9	1.89	.02	.29	1	5
9+00S 6+00E	1	18	9	73	.1	16	9	571	2.86	3	5	ND	1	31	1	2	2	51	.32	.015	5	35	.43	116	.17	2	1.18	.01	.18	1	3
9+00S 6+25E	1	28	10	77	.1	16	11	583	3.31	2	5	ND	1	39	1	2	2	65	.39	.021	6	36	.60	147	.16	6	1.55	.03	.20	1	2
9+00S 6+75E	1	17	8	72	.1	15	8	476	2.69	2	5	ND	1	36	1	2	2	48	.34	.030	4	33	.36	146	.15	4	1.22	.02	.15	1	3
9+00S 7+00E	1	14	6	67	.1	15	8	321	2.79	2	5	ND	2	26	1	2	2	54	.28	.014	4	33	.34	100	.18	6	1.14	.04	.11	1	3
9+00S 7+25E	1	18	6	74	.1	21	10	543	3.15	2	5	ND	1	35	1	2	3	54	.36	.021	6	39	.40	107	.18	5	1.25	.01	.15	1	4
9+00S 7+50E	1	16	8	72	.1	16	10	498	2.88	3	5	ND	1	32	1	2	2	53	.32	.014	5	35	.36	98	.20	9	1.16	.02	.10	2	3
9+00S 7+75E	1	18	9	87	.1	19	8	439	2.70	2	5	ND	1	31	1	2	2	40	.31	.027	5	35	.38	109	.16	7	1.65	.04	.11	2	2
9+00S 8+00E	1	18	8	100	.1	19	10	436	3.21	2	5	ND	2	30	1	2	2	54	.30	.034	5	39	.42	101	.19	12	1.49	.03	.14	1	1
9+00S 8+25E	1	23	11	153	.1	25	12	686	3.44	5	5	ND	1	42	1	2	2	52	.43	.041	6	42	.50	171	.19	7	2.15	.01	.16	1	3
9+00S 8+50E	1	30	10	128	.1	28	15	648	4.50	4	5	ND	1	43	1	2	2	72	.46	.041	9	51	.65	111	.27	13	2.05	.04	.20	1	8
9+00S 8+75E	1	50	12	113	.3	51	21	3437	6.49	3	5	ND	1	56	1	2	2	59	.85	.032	11	37	.88	146	.20	6	2.26	.04	.15	1	4
9+00S 9+00E	1	19	8	117	.1	35	17	610	5.11	2	5	ND	2	41	1	2	3	82	.41	.029	10	55	.63	64	.37	2	1.73	.04	.16	1	5
10+00S 6+50W	1	39	13	155	.1	24	14	892	3.48	5	5	ND	1	31	1	2	2	56	.40	.038	5	41	.58	200	.12	12	2.12	.01	.24	1	4
10+00S 6+25W	1	40	9	107	.1	22	13	604	3.23	10	5	ND	1	35	1	3	2	58	.47	.043	6	43	.55	153	.13	4	1.69	.03	.24	1	3
10+00S 6+00W	1	31	7	86	.2	17	8	1163	2.08	2	5	ND	1	24	1	4	2	29	.32	.057	5	25	.34	178	.07	10	1.29	.02	.18	2	8
10+00S 5+75W	1	33	12	136	.2	23	13	847	3.32	8	5	ND	1	31	1	3	2	55	.40	.044	6	44	.55	200	.13	2	2.10	.03	.20	3	2
10+00S 5+50W	1	34	12	164	.1	27	14	1016	3.43	5	5	ND	1	33	1	2	2	59	.44	.054	6	40	.58	253	.13	4	2.38	.02	.25	1	2
STD C/AU-S	18	58	41	132	6.9	67	29	1058	4.10	43	18	7	38	50	18	18	20	58	.50	.082	40	57	.94	179	.07	35	2.01	.07	.15	13	52

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Mn PPM	Co PPM	Na PPM	Fe %	Al PPM	S PPM	K PPM	Ca PPM	Ti PPM	Cr PPM	V PPM	Si PPM	Mg %	P %	La PPM	Ce PPM	Nb %	Sn PPM	Te %	B PPM	Al %	Na %	K %	V PPM	As ⁺ PPM	
10+00S 5+25W	2	43	11	142	.2	27	17	1266	3.58	2	5	ND	1	40	1	2	2	59	.57	.074	7	44	.60	208	.12	2	2.26	.03	.24	1	1
10+00S 5+00W	1	46	11	139	.2	30	16	1014	4.05	2	5	ND	1	41	1	2	2	71	.52	.061	9	51	.69	191	.15	3	2.65	.01	.26	1	0
10+00S 4+75W	2	96	9	75	.2	25	12	566	3.44	3	5	ND	1	32	1	2	2	61	.47	.040	8	49	.64	162	.13	2	2.09	.01	.24	1	1
10+00S 4+50W	2	98	11	114	.3	28	17	928	4.41	3	5	ND	1	40	1	2	2	71	.54	.058	8	48	.76	200	.14	3	2.67	.02	.32	1	17
10+00S 4+25W	2	46	12	113	.2	22	14	825	3.62	3	5	ND	1	37	1	2	2	64	.57	.054	9	46	.64	167	.12	2	2.42	.02	.34	2	3
10+00S 4+00W	2	72	13	94	.3	26	17	909	4.08	0	5	ND	1	49	1	2	2	74	.80	.078	10	53	.84	150	.11	7	2.38	.02	.41	1	7
10+00S 3+75W	2	26	7	67	.1	14	11	629	2.55	2	5	ND	1	29	1	2	2	47	.46	.025	4	33	.44	93	.11	2	1.46	.01	.27	1	2
10+00S 3+25W	88	121	6	120	.2	30	10	142	1.99	2	5	ND	1	86	1	2	2	50	2.38	.075	5	25	.60	84	.08	13	1.11	.02	.15	1	3
10+00S 3+00W	5	21	8	51	.1	16	9	234	2.81	2	5	ND	1	27	1	2	5	55	.46	.021	3	35	.49	75	.14	2	1.86	.03	.19	2	1
10+00S 2+75W	6	21	6	44	.1	15	11	567	2.76	2	5	ND	1	31	1	2	2	58	.55	.024	3	35	.52	79	.14	7	1.32	.03	.15	1	1
10+00S 2+50W	8	37	12	79	.1	23	15	601	3.67	2	5	ND	1	45	1	2	2	63	.70	.034	5	45	.63	122	.13	2	2.25	.03	.24	1	5
10+00S 2+25W	4	64	12	161	.3	31	19	885	4.31	24	5	ND	1	41	1	2	2	76	.66	.044	8	57	.66	165	.11	2	2.31	.01	.34	1	1
10+00S 2+00W	10	76	10	115	.2	31	17	729	4.67	12	5	ND	1	36	1	2	2	81	.61	.040	9	66	.60	147	.10	2	2.00	.03	.32	1	6
10+00S 1+75W	2	36	11	107	.3	21	9	276	2.84	2	5	ND	1	36	1	2	2	42	.56	.041	7	42	.61	124	.10	3	2.41	.03	.24	1	1
10+00S 1+50W	2	130	7	123	.3	42	18	690	4.05	2	5	ND	1	84	1	3	2	82	2.03	.114	8	105	1.81	91	.04	6	2.21	.02	.18	1	5
10+00S 1+25W	6	73	10	79	.3	24	18	1324	5.67	2	5	ND	1	29	1	2	2	103	.46	.057	9	43	1.19	194	.07	2	2.47	.03	.65	1	21
10+00S 1+00W	23	53	14	93	.6	33	17	1282	7.49	2	5	ND	1	60	1	2	2	94	.62	.074	8	83	.88	260	.04	2	2.01	.01	.68	1	53
10+00S 0+75W	2	62	11	135	.4	29	14	1677	3.67	2	5	ND	1	37	1	2	2	57	.78	.062	7	41	.69	317	.06	3	2.13	.01	.37	1	5
10+00S 0+50W	5	329	10	67	.9	52	52	1878	8.45	2	5	ND	1	104	1	3	2	89	6.70	.055	5	136	1.24	146	.02	2	1.99	.05	.45	1	320
10+00S 0+25W	4	50	13	111	.3	28	14	950	3.84	2	5	ND	1	31	1	2	3	74	.56	.053	8	57	.80	190	.09	2	2.50	.02	.33	1	1
10+00S 0+25E	4	55	7	119	.2	26	15	873	4.16	2	5	ND	1	33	1	2	2	82	.50	.048	8	62	.92	160	.11	2	2.56	.03	.41	1	1
10+00S 0+50E	11	75	11	112	.3	35	22	1328	5.23	8	5	ND	1	38	1	2	3	89	.60	.047	7	63	1.19	201	.06	2	2.37	.01	.51	1	7
10+00S 0+75E	2	211	8	95	.6	46	10	252	3.16	2	5	ND	1	94	1	2	2	63	2.21	.100	12	85	1.41	87	.04	4	2.23	.03	.23	1	3
10+00S 1+00E	3	60	11	191	.2	32	16	1288	4.11	2	5	ND	1	37	1	2	2	72	.57	.075	9	64	.91	273	.10	3	3.03	.01	.30	1	8
10+00S 1+25E	7	80	12	112	.2	25	17	841	4.03	8	5	ND	1	36	1	3	2	75	.63	.068	7	52	.88	143	.10	10	2.13	.01	.45	1	5
10+00S 1+50E	7	64	11	99	.2	23	16	754	4.22	18	5	ND	1	33	1	2	3	78	.53	.044	7	58	.92	138	.08	5	2.33	.03	.35	1	2
10+00S 1+75E	3	69	10	237	.2	27	15	1222	3.32	5	5	ND	1	61	1	2	2	67	1.03	.099	7	55	.81	250	.07	7	2.19	.01	.33	1	1
10+00S 2+00E	2	42	9	186	.2	23	13	1146	3.06	2	5	ND	1	48	1	2	3	55	.82	.077	7	39	.58	224	.13	6	2.19	.02	.21	1	5
10+00S 2+25E	6	51	12	108	.2	25	20	1088	5.26	4	5	ND	1	44	1	2	2	90	.45	.042	8	60	1.23	220	.08	2	2.68	.02	.35	1	3
10+00S 2+50E	14	125	11	126	.7	24	38	1692	5.16	32	5	ND	1	32	1	3	2	75	.77	.054	12	47	.75	562	.03	2	2.40	.01	.18	1	13
10+00S 2+75E	3	71	12	99	.4	22	13	801	4.03	2	5	ND	1	30	1	2	3	80	.47	.067	13	48	1.03	235	.12	2	3.01	.02	.45	1	3
10+00S 3+00E	1	304	10	64	.4	30	12	1140	5.26	2	5	ND	1	28	1	2	3	168	.62	.059	9	136	3.18	289	.12	2	4.04	.02	1.45	1	20
10+00S 3+25E	3	58	8	83	.1	23	15	813	3.58	7	5	ND	1	50	1	2	2	76	.60	.057	8	53	1.02	199	.10	4	2.06	.02	.28	1	2
10+00S 3+50E	2	55	9	102	.1	21	14	1072	3.24	2	5	ND	1	50	1	2	2	66	.79	.079	8	44	.90	216	.08	7	2.31	.01	.30	1	2
10+00S 3+75E	2	50	12	98	.2	27	15	844	3.99	5	5	ND	1	39	1	2	2	81	.61	.067	10	58	1.00	208	.11	2	3.14	.01	.32	1	14
10+00S 4+00E	2	62	11	120	.2	29	18	981	4.14	2	5	ND	1	49	1	2	2	84	.83	.067	9	67	1.07	199	.11	6	2.61	.03	.38	1	1
STD C/AU-S	18	59	41	132	6.9	69	29	1069	4.08	37	15	7	37	50	18	17	21	58	.50	.083	40	58	.94	182	.07	39	2.04	.06	.13	13	52

SAMPLE#	Mo	Cu	Pb	Zn	Ag	Mn	Co	Ni	Fe	As	V	Au	Th	Sr	Ca	P	La	Cr	Mg	Ba	Ti	S	Al	Na	K	W	Au*				
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPM				
10+008 4+25E	1	35	8	110	.4	22	13	608	3.40	4	5	ND	1	42	1	2	2	60	.54	.045	6	47	.92	172	.11	5	2.73	.02	.15	1	1
10+008 4+75E	1	31	9	104	.2	23	14	842	3.61	7	5	ND	1	33	1	2	2	64	.41	.030	8	42	.79	198	.16	10	2.61	.03	.22	1	2
10+008 5+00E	1	31	7	77	.1	20	14	500	3.87	4	5	ND	1	31	1	2	2	78	.39	.026	6	46	.82	139	.19	5	2.02	.03	.14	1	1
10+008 5+50E	1	24	8	74	.1	17	10	464	3.22	2	5	ND	1	26	1	2	2	62	.33	.030	6	42	.58	125	.16	2	1.52	.03	.16	1	3
10+008 5+75E	1	27	6	112	.1	15	10	760	2.81	5	5	ND	1	28	1	2	2	48	.30	.027	4	34	.41	173	.16	4	1.36	.02	.15	1	2
10+008 6+00E	1	16	6	72	.2	17	9	495	2.71	3	5	ND	1	30	1	2	3	48	.35	.021	4	40	.41	132	.15	2	1.33	.01	.12	1	1
10+008 6+25E	1	14	6	75	.1	15	9	362	2.97	2	5	ND	1	27	1	2	2	58	.27	.020	5	36	.39	116	.21	2	1.11	.03	.10	1	2
10+008 6+50E	1	16	6	67	.1	18	11	468	3.14	2	5	ND	1	31	1	2	2	57	.36	.025	7	40	.41	105	.16	2	1.28	.02	.15	1	2
10+008 6+75E	1	23	7	81	.2	22	12	541	3.44	4	5	ND	1	36	1	2	3	59	.48	.035	9	45	.49	113	.17	10	1.77	.02	.17	1	1
10+008 7+00E	1	16	4	55	.1	22	11	450	3.02	2	5	ND	1	32	1	2	2	55	.37	.048	7	42	.48	103	.17	2	1.10	.03	.12	1	1
10+008 7+25E	1	13	6	45	.1	11	8	511	2.25	2	5	ND	1	24	1	2	3	41	.25	.013	3	27	.32	88	.14	2	1.10	.03	.14	1	2
10+008 7+50E	1	19	5	61	.1	16	10	325	3.06	3	5	ND	1	27	1	2	2	58	.28	.023	5	39	.44	99	.18	10	1.43	.02	.12	1	4
10+008 7+75E	1	18	6	58	.1	15	9	398	2.90	2	5	ND	1	27	1	2	2	59	.30	.021	4	35	.43	90	.16	8	1.23	.03	.12	1	2
10+008 8+00E	1	20	8	98	.1	17	12	565	3.54	3	5	ND	1	38	1	2	2	68	.35	.022	6	40	.48	159	.22	6	1.66	.03	.11	1	3
10+008 8+25E	1	20	5	59	.1	17	10	332	3.23	6	5	ND	1	26	1	2	2	64	.26	.017	5	39	.44	79	.18	2	1.38	.01	.08	1	4
10+008 8+50E	1	29	7	90	.1	22	14	345	3.85	2	5	ND	1	34	1	2	2	61	.38	.029	5	39	.51	71	.22	2	1.79	.04	.12	1	3
10+008 9+75E	1	26	5	119	.1	43	20	835	5.77	2	5	ND	1	77	1	2	2	77	.74	.038	11	48	.65	64	.29	4	1.60	.02	.18	1	4
10+008 10+00E	1	27	7	120	.1	51	21	766	6.36	2	5	ND	1	66	1	2	2	84	.59	.040	10	60	.79	73	.29	2	1.99	.06	.16	1	1
11+008 5+00W	2	59	9	89	.1	27	35	630	4.12	14	5	ND	1	34	1	2	2	75	.45	.059	9	51	.73	170	.14	2	2.39	.02	.21	1	7
11+008 4+75W	2	51	8	88	.2	26	15	627	3.86	11	5	ND	1	33	1	2	3	68	.49	.057	6	46	.68	173	.13	2	2.40	.02	.22	1	9
11+008 4+50W	1	28	6	44	.2	13	8	410	1.96	2	5	ND	1	87	1	2	2	38	2.08	.026	3	25	.44	109	.08	4	1.06	.03	.07	2	3
11+008 2+00W	5	83	5	81	.3	30	13	760	2.59	5	5	ND	1	128	1	2	2	54	3.70	.087	4	53	1.28	82	.02	10	1.15	.01	.20	1	5
11+008 1+75W	4	157	11	93	.5	43	18	968	5.02	7	5	ND	1	53	1	2	2	87	1.12	.060	9	100	1.77	127	.06	3	2.63	.05	.26	1	6
11+008 1+50W	4	65	11	146	.3	32	16	759	3.98	14	5	ND	1	39	1	2	2	59	.63	.084	6	48	.78	130	.09	2	2.57	.01	.15	1	4
11+008 1+25W	2	49	17	220	.4	40	18	795	4.57	13	5	ND	1	33	1	2	2	73	.46	.078	7	59	1.00	248	.13	2	3.51	.03	.18	1	26
11+008 1+00W	2	41	12	176	.4	34	16	768	4.17	5	5	ND	1	37	1	2	3	70	.52	.051	8	55	.90	247	.14	2	3.55	.02	.18	1	5
11+008 0+75W	2	66	12	144	.2	40	21	862	5.83	11	5	ND	1	44	1	2	2	94	.54	.072	10	87	1.41	271	.12	2	3.38	.01	.36	1	11
11+008 0+50W	2	72	10	139	.3	39	20	785	6.54	10	5	ND	1	40	1	2	2	104	.53	.063	10	91	1.53	278	.13	2	3.16	.02	.42	1	16
11+008 0+25W	2	87	12	145	.2	41	22	936	7.18	15	5	ND	1	57	1	2	4	122	.52	.073	9	109	2.13	338	.10	2	3.69	.02	.56	1	18
11+008 0+25E	7	105	10	129	.2	37	25	1470	6.45	25	5	ND	1	35	1	2	2	106	.58	.092	9	75	1.32	216	.09	2	2.94	.02	.42	1	20
11+008 0+50E	3	103	11	127	.4	30	20	1408	5.96	13	5	ND	1	33	1	2	3	112	.74	.085	11	62	1.39	203	.08	2	2.93	.01	.54	1	41
11+008 0+75E	2	46	9	108	.1	29	16	657	4.35	10	5	ND	1	30	1	2	2	83	.40	.025	5	59	1.05	147	.15	2	2.91	.01	.32	1	33
11+008 1+00E	3	113	4	174	.6	27	10	789	2.56	4	5	ND	1	222	1	2	4	43	7.49	.263	8	38	1.00	171	.06	20	2.01	.02	.09	1	1
11+008 1+25E	1	40	9	146	.2	25	13	998	3.14	8	5	ND	1	47	1	2	3	52	.77	.056	5	38	.66	188	.11	3	2.16	.01	.21	1	2
11+008 1+50E	1	38	19	140	.2	26	15	1076	3.93	15	5	ND	1	33	1	2	2	72	.46	.034	7	56	.91	239	.11	2	2.81	.03	.17	1	2
11+008 1+75E	2	41	8	119	.2	26	15	737	3.83	16	5	ND	1	39	1	2	2	76	.58	.036	8	58	1.00	178	.13	2	2.80	.01	.21	1	1
STD C/AU-S	17	57	37	132	6.6	67	28	1055	4.02	40	19	6	36	49	17	16	19	56	.49	.082	39	55	.92	175	.06	32	1.98	.07	.14	12	52

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Mn PPM	Co PPM	Ni PPM	Fe %	As PPM	B 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 ⁶ PPB
11+00S 2+00E	2	32	10	101	.2	23	12	800	3.59	9	5	ND	1	39	1	2	2	62	.50	.058	9	44	.63	218	.14	2	2.69	.01	.19	1	1
11+00S 2+25E	2	40	9	118	.1	22	14	878	3.71	2	5	ND	1	34	1	2	2	66	.47	.028	7	48	.76	186	.12	3	2.21	.01	.21	1	1
11+00S 2+50E	1	41	9	67	.2	22	9	492	2.71	2	5	ND	1	62	1	3	2	39	.82	.031	8	33	.82	101	.09	3	2.26	.01	.19	1	1
11+00S 2+75E	1	40	7	95	.2	21	11	838	2.87	3	5	ND	1	39	1	2	2	51	.55	.054	6	40	.59	193	.10	2	2.02	.01	.19	1	2
11+00S 3+00E	1	44	9	105	.1	22	13	987	2.86	9	5	ND	1	30	1	2	2	49	.42	.065	7	38	.71	224	.09	2	2.19	.01	.19	1	1
11+00S 3+25E	2	66	11	136	.3	34	19	817	4.52	26	5	ND	1	52	1	2	2	89	.84	.071	10	77	1.36	183	.11	2	3.71	.02	.25	1	5
11+00S 3+50E	2	83	9	171	.2	32	22	1120	4.59	24	5	ND	1	70	1	2	4	89	1.25	.110	10	65	1.43	196	.08	2	3.06	.01	.35	1	7
11+00S 3+75E	1	33	10	57	.1	16	8	364	3.02	4	5	ND	1	61	1	2	2	41	.70	.038	6	35	.79	100	.12	2	2.01	.02	.15	1	1
11+00S 4+00E	1	29	8	67	.2	20	11	492	3.21	5	5	ND	1	26	1	2	3	59	.31	.034	3	54	.84	151	.13	2	2.25	.01	.09	1	1
11+00S 4+25E	2	28	9	113	.1	16	10	1286	2.34	2	5	ND	1	44	1	2	2	39	.74	.062	4	35	.56	229	.10	8	1.47	.01	.13	1	1
11+00S 4+50E	1	34	6	92	.1	21	13	863	3.12	4	5	ND	1	39	1	2	2	54	.49	.051	6	42	.60	188	.13	4	2.04	.01	.17	1	12
11+00S 4+75E	1	16	4	50	.1	15	10	455	2.63	2	5	ND	1	30	1	2	2	51	.38	.034	5	36	.41	106	.14	4	1.16	.02	.12	2	1
11+00S 5+00E	1	16	7	63	.1	14	9	591	2.59	2	5	ND	1	28	1	2	2	48	.34	.030	5	36	.37	132	.14	2	1.23	.02	.10	1	1
11+00S 5+25E	1	21	7	115	.1	16	10	772	2.60	3	5	ND	1	34	1	2	2	43	.49	.055	5	33	.44	171	.13	6	1.53	.01	.16	1	1
11+00S 5+50E	1	29	10	139	.1	22	14	1080	3.37	2	5	ND	2	56	1	2	2	52	.69	.054	7	37	.39	218	.17	5	2.25	.03	.25	1	1
11+00S 5+75E	1	24	8	79	.1	15	12	624	3.21	2	5	ND	1	34	1	2	2	51	.44	.036	5	36	.56	172	.16	2	1.86	.01	.19	1	1
11+00S 6+00E	1	25	5	44	.3	12	4	217	1.28	2	5	ND	1	191	1	3	2	18	12.08	.034	5	14	.68	141	.04	3	.84	.02	.08	2	1
11+00S 6+50E	1	18	5	39	.1	12	9	363	2.65	2	5	ND	1	29	1	2	2	56	.41	.007	3	34	.43	65	.15	2	1.19	.02	.14	2	5
11+00S 7+00E	1	19	7	54	.1	9	7	279	2.28	2	5	ND	1	30	1	2	2	42	.26	.021	3	30	.43	97	.10	2	1.36	.01	.10	1	11
11+00S 7+25E	1	20	7	82	.1	13	9	632	2.57	2	5	ND	1	35	1	3	2	44	.35	.032	4	32	.46	134	.11	7	1.62	.01	.14	1	126
11+00S 7+50E	1	16	8	70	.1	9	7	255	2.36	2	5	ND	1	33	1	2	2	40	.24	.020	3	28	.43	98	.10	2	1.84	.02	.10	1	259
11+00S 7+75E	1	19	10	111	.1	11	8	716	2.35	2	5	ND	1	30	1	2	2	36	.26	.037	4	28	.41	155	.10	5	1.87	.01	.13	1	7
11+00S 8+00E	1	15	7	50	.1	11	6	248	2.34	2	5	ND	1	90	1	3	2	48	.76	.019	3	27	.47	78	.12	2	1.13	.02	.08	1	2
12+00S 5+00W	1	30	7	130	.2	22	12	469	3.28	6	5	ND	2	29	1	2	2	61	.33	.027	4	42	.59	125	.13	2	1.94	.02	.13	1	13
12+00S 4+75W	1	21	10	113	.1	19	9	1089	2.39	5	5	ND	1	24	1	2	2	40	.35	.023	3	26	.36	147	.10	3	1.71	.01	.16	1	7
12+00S 4+50W	1	58	10	230	.5	38	16	488	3.96	8	5	ND	2	31	1	2	2	63	.36	.028	6	48	.65	191	.14	5	2.51	.02	.20	1	16
12+00S 4+25W	1	114	8	85	.1	26	14	536	3.50	8	5	ND	1	31	1	2	2	64	.44	.030	6	47	.68	110	.13	2	1.70	.01	.20	1	19
12+00S 4+00W	1	38	10	125	.2	26	12	785	3.19	5	5	ND	1	28	1	2	2	50	.35	.041	4	39	.57	207	.10	2	1.96	.03	.22	1	11
12+00S 3+75W	2	47	9	170	.3	28	13	953	3.23	5	5	ND	1	33	1	2	2	53	.51	.051	5	41	.52	177	.10	2	1.74	.01	.16	1	5
12+00S 3+50W	1	23	6	80	.1	19	9	539	2.65	6	5	ND	1	30	1	2	2	45	.38	.043	7	31	.36	158	.12	2	1.46	.02	.11	1	1
12+00S 3+25W	1	18	7	118	.2	16	7	1068	1.99	2	5	ND	1	66	1	3	2	32	.95	.071	4	24	.31	281	.09	4	1.17	.01	.11	1	1
12+00S 3+00W	1	15	5	86	.1	16	7	674	2.16	5	5	ND	1	27	1	2	2	35	.30	.053	4	26	.31	170	.10	5	1.36	.02	.11	1	1
12+00S 2+75W	3	83	5	88	.3	23	15	542	3.80	9	5	ND	1	40	1	2	2	65	.46	.056	7	48	.75	177	.11	2	1.72	.02	.14	1	12
12+00S 2+50W	3	38	7	76	.3	21	12	407	3.61	6	5	ND	1	23	1	2	2	68	.29	.039	3	48	.76	115	.13	2	1.69	.01	.13	1	1
12+00S 2+25W	3	101	9	89	.2	22	19	1127	4.92	5	5	ND	1	39	1	2	2	55	.77	.099	7	33	1.11	147	.07	2	2.20	.02	.14	1	5
12+00S 2+00W	11	389	10	61	.3	23	19	431	7.63	3	5	ND	1	78	1	2	3	64	.72	.074	6	39	1.08	127	.05	2	1.90	.01	.11	1	65
STD C/AU-S	17	58	38	130	6.6	66	28	1046	4.07	41	17	7	37	49	17	17	19	56	.49	.081	39	57	.92	176	.07	36	1.95	.07	.14	12	47

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Tb PPM	Sc 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	Am* PPM
12+005 1+25V	2	44	11	155	.1	34	18	611	4.58	2	5	ND	1	36	1	2	2	82	.48	.049	5	68	1.21	172	.14	2	3.17	.02	.29	2	28
12+005 1+00W	1	44	9	174	.2	31	15	931	4.21	2	5	ND	1	42	1	2	2	75	.54	.057	9	58	.89	246	.15	6	3.37	.02	.17	1	3
12+005 0-75W	1	52	10	146	.2	34	18	837	4.71	2	5	ND	1	43	1	2	2	86	.65	.070	8	64	.95	168	.16	2	3.30	.04	.26	1	4
12+005 0+50W	2	42	12	98	.3	29	12	442	3.86	2	5	ND	1	43	1	2	2	65	.63	.051	8	65	1.05	172	.12	2	3.27	.05	.26	1	5
12+005 0+25V	2	72	11	159	.4	26	11	363	4.43	2	5	ND	1	52	1	2	2	68	.85	.048	7	58	1.43	98	.11	3	3.03	.04	.28	1	15
12+005 0+25E	1	58	9	406	.4	21	12	527	3.07	2	5	ND	1	99	1	2	2	40	1.90	.134	5	36	1.02	222	.09	12	2.59	.04	.13	1	2
12+005 0+50E	1	299	7	188	.9	23	10	455	1.69	3	5	ND	1	307	1	3	2	32	9.33	.442	7	26	.72	196	.04	15	1.46	.02	.08	2	3
12+005 0+75E	3	72	3	53	.2	22	10	360	2.66	7	5	ND	1	160	1	2	2	46	3.50	.072	8	31	.56	112	.11	4	1.28	.03	.06	1	6
12+005 1+25E	3	40	8	81	.2	24	14	556	4.13	5	5	ND	1	22	1	2	3	79	.26	.031	3	64	1.00	139	.11	2	2.44	.01	.21	1	2
12+005 1+50E	2	28	7	63	.1	21	12	467	3.31	2	5	ND	1	26	1	2	2	64	.29	.019	3	56	.82	166	.12	2	2.30	.03	.18	1	2
12+005 1+75E	2	41	8	78	.2	22	13	685	3.58	2	5	ND	1	34	1	2	2	74	.48	.036	4	58	.89	123	.10	2	1.84	.02	.27	1	9
12+005 2+00E	1	43	9	108	.3	24	13	1030	3.48	2	5	ND	1	32	1	2	2	66	.56	.053	5	57	.87	207	.09	2	2.46	.01	.25	1	71
12+005 2+25E	2	61	9	91	.3	32	17	792	4.41	10	5	ND	1	36	1	2	2	89	.66	.059	6	83	1.29	142	.10	2	2.57	.02	.28	1	7
12+005 2+50E	1	30	7	86	.2	21	11	601	3.34	2	5	ND	1	27	1	2	2	62	.35	.084	4	54	.73	163	.13	5	2.14	.02	.21	1	1
12+005 2+75E	1	31	8	86	.3	21	11	598	3.42	2	5	ND	1	27	1	2	2	64	.36	.084	4	55	.75	162	.13	2	2.16	.01	.22	1	3
12+005 3+00E	1	48	9	173	.3	26	13	1291	3.19	2	5	ND	1	50	1	2	2	55	.84	.073	5	42	.65	269	.10	5	2.17	.03	.22	1	1
12+005 3+25E	1	46	9	189	.2	21	12	792	3.14	5	5	ND	1	50	1	2	2	57	.75	.063	3	43	.74	177	.09	6	2.18	.04	.23	1	1
12+005 3+50E	1	83	5	86	.5	24	8	495	2.13	3	5	ND	1	231	1	2	2	29	4.73	.086	6	32	1.49	180	.05	7	1.60	.02	.16	1	2
12+005 3+75E	1	37	8	82	.3	21	12	694	3.31	2	5	ND	1	43	1	2	2	64	.55	.041	6	53	.80	154	.12	8	2.23	.03	.26	1	12
12+005 4+00E	1	67	12	98	.3	37	23	1228	4.39	2	5	ND	1	43	1	2	3	98	.76	.062	11	137	1.92	252	.12	2	3.44	.02	.30	1	6
12+005 4+25E	1	48	9	76	.3	28	17	759	3.79	2	5	ND	5	37	1	2	2	81	.64	.051	7	97	1.34	221	.14	2	2.44	.03	.20	1	3
12+005 4+50E	1	29	7	66	.1	17	12	643	3.08	2	5	ND	1	27	1	2	2	67	.36	.023	4	56	.75	116	.14	2	1.42	.02	.14	1	54
12+005 4+75E	1	25	7	67	.2	15	10	454	2.90	2	5	ND	1	25	1	2	2	61	.27	.011	4	45	.58	90	.14	2	1.39	.02	.13	1	2
12+005 5+00E	1	20	6	60	.1	13	9	569	2.63	2	5	ND	1	25	1	2	2	54	.32	.015	3	38	.54	101	.13	2	1.21	.02	.14	1	1
12+005 5+25E	1	30	9	77	.3	17	12	786	3.04	2	5	ND	1	36	1	2	2	58	.50	.023	7	43	.58	163	.13	6	1.62	.02	.20	1	1
12+005 5+50E	1	35	24	83	.2	17	12	735	3.09	2	5	ND	1	30	1	2	2	61	.37	.031	6	44	.59	163	.14	9	1.73	.03	.18	1	1
12+005 5+75E	1	50	10	76	.1	23	16	845	3.73	2	5	ND	1	47	1	2	2	72	.70	.041	8	54	.83	199	.12	2	2.31	.02	.24	1	4
13+005 5+00W	1	37	11	142	.3	21	12	1004	3.12	2	5	ND	1	29	1	2	2	50	.36	.030	5	38	.59	166	.12	4	2.14	.03	.24	1	6
13+005 4+75W	1	100	13	186	.6	29	18	898	4.49	2	5	ND	1	34	1	2	2	70	.46	.060	7	55	.85	137	.12	2	1.98	.02	.31	1	5
13+005 4+50W	1	50	12	216	.4	26	16	831	4.07	2	5	ND	1	29	1	2	2	67	.36	.038	7	50	.73	180	.12	5	2.54	.01	.19	1	8
13+005 4+25W	1	39	10	169	.3	23	13	768	3.57	2	5	ND	1	33	1	2	2	58	.43	.035	6	43	.60	169	.13	5	2.32	.02	.25	1	2
13+005 4+00W	3	94	9	117	.3	27	16	390	4.54	2	5	ND	1	27	1	2	2	65	.38	.038	6	47	.64	110	.12	6	1.98	.02	.18	1	3
STD C/AU-5	17	59	40	132	6.8	67	28	1059	3.95	44	20	6	36	48	17	16	17	56	.48	.087	39	55	.91	174	.06	36	1.93	.07	.13	13	48

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	V PPM	Au PPM	Tb PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Ce PPM	Hg %	Ba PPM	Y1 %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
13+00S 3+75W	1	48	9	200	.1	22	14	651	3.45	5	5	ND	1	29	1	2	2	55	.35	.050	6	37	.47	180	.13	2	1.94	.01	.15	1	1
13+00S 3+50W	1	59	8	113	.2	30	16	613	3.88	4	5	ND	1	36	1	2	3	63	.45	.071	7	45	.63	224	.12	7	2.03	.01	.23	1	19
13+00S 3+25W	1	30	11	126	.1	22	10	1229	2.82	3	5	ND	1	31	1	2	2	45	.30	.039	5	35	.49	318	.11	9	1.66	.01	.16	1	1
13+00S 3+00W	1	34	6	101	.1	20	11	688	2.98	4	5	ND	1	41	1	2	2	51	.39	.058	6	38	.47	254	.13	5	1.68	.01	.19	1	1
13+00S 2+75W	1	20	9	104	.2	15	9	764	2.57	5	5	ND	1	36	1	2	2	42	.39	.052	5	32	.41	248	.12	8	1.53	.01	.23	1	10
13+00S 2+50W	1	33	9	77	.2	19	11	496	3.10	3	5	ND	1	31	1	2	2	54	.34	.052	8	37	.48	134	.13	3	1.74	.01	.21	2	8
13+00S 2+25W	2	127	14	134	.5	28	20	898	4.92	4	5	ND	1	44	1	2	2	72	.51	.049	9	53	.88	224	.11	4	2.55	.01	.38	1	17
13+00S 2+00W	1	85	14	167	.6	34	18	1169	4.17	2	5	ND	1	34	1	3	3	57	.43	.057	7	48	.76	275	.08	6	2.47	.01	.29	1	16
13+00S 1+75W	2	55	12	109	.4	28	15	515	3.99	5	5	ND	1	28	1	3	2	66	.28	.026	4	48	.72	160	.13	3	2.69	.01	.18	2	7
13+00S 1+25W	1	40	14	126	.2	29	15	999	3.82	5	5	ND	1	44	1	2	2	64	.63	.052	7	44	.73	208	.13	5	2.88	.01	.17	1	1
13+00S 1+00W	1	49	12	116	.3	28	13	949	3.51	6	5	ND	1	34	1	2	2	60	.52	.055	6	47	.64	213	.11	2	2.56	.01	.21	1	1
13+00S 0+75W	1	51	10	170	.5	30	13	932	3.45	2	5	ND	1	33	1	2	2	58	.49	.063	7	45	.73	280	.10	2	2.79	.01	.30	1	1
13+00S 0+50W	3	104	12	100	.2	36	20	835	5.67	16	5	ND	1	33	1	3	2	112	.49	.049	7	86	1.60	214	.11	2	2.70	.01	.48	1	37
13+00S 0+25W	2	163	11	107	.3	32	19	903	5.22	11	5	ND	1	28	1	2	2	98	.44	.039	7	76	1.47	225	.11	3	2.82	.01	.52	1	19
13+00S 0+25E	1	40	12	155	.4	24	10	247	3.81	2	5	ND	1	35	1	4	2	60	.46	.041	5	56	.98	126	.12	6	2.84	.01	.33	1	24
13+00S 0+50E	1	45	9	117	.3	24	16	1050	3.79	9	5	ND	1	26	1	2	2	72	.32	.047	7	53	.82	174	.12	7	2.40	.01	.31	1	1
13+00S 0+75E	2	57	10	104	.2	23	15	843	3.95	5	5	ND	1	33	1	2	2	72	.44	.029	5	54	.88	176	.12	3	2.13	.02	.32	1	12
13+00S 1+00E	1	28	10	73	.1	18	14	973	2.91	2	5	ND	1	32	1	2	2	52	.34	.017	3	49	.71	122	.11	7	1.92	.01	.24	1	1
13+00S 1+25E	1	43	12	77	.3	21	14	398	3.36	2	5	ND	1	54	1	2	2	53	.61	.020	6	52	1.09	134	.10	6	2.25	.01	.38	1	1
13+00S 1+50E	1	79	10	83	.2	24	17	682	3.90	4	5	ND	1	44	1	2	3	78	.68	.034	5	68	1.25	121	.10	4	2.41	.02	.37	1	21
13+00S 1+75E	2	69	13	121	.3	30	19	886	4.76	19	5	ND	1	30	1	3	2	90	.43	.044	7	71	1.12	164	.11	5	2.52	.01	.35	1	7
13+00S 2+00E	2	50	11	117	.1	28	16	865	4.55	11	5	ND	1	38	1	3	2	88	.43	.046	7	68	1.03	189	.12	6	2.76	.02	.31	1	13
13+00S 2+25E	1	38	11	107	.2	23	13	826	3.42	9	5	ND	1	28	1	2	2	61	.90	.048	6	48	.70	191	.11	5	2.35	.02	.26	1	1
13+00S 2+50E	2	46	11	115	.1	24	15	788	3.90	9	5	ND	1	31	1	3	2	71	.44	.046	6	56	.85	196	.12	3	2.35	.02	.40	1	1
13+00S 2+75E	2	62	10	94	.1	30	20	651	4.91	27	5	ND	1	31	1	2	2	101	.46	.043	9	81	1.27	133	.11	3	2.56	.01	.36	1	17
13+00S 3+00E	1	51	12	100	.2	28	18	771	4.49	15	5	ND	1	37	1	2	2	95	.54	.059	7	80	1.31	160	.13	4	2.80	.02	.32	1	5
13+00S 3+25E	1	39	12	95	.2	26	15	876	3.98	2	5	ND	1	29	1	2	2	74	.38	.042	6	61	.91	186	.13	9	2.56	.01	.27	1	1
13+00S 3+50E	1	29	9	80	.1	23	14	532	3.74	2	5	ND	1	29	1	2	2	73	.39	.028	4	57	.78	119	.16	10	2.28	.01	.25	1	1
13+00S 3+75E	1	29	11	65	.1	22	13	374	3.74	4	5	ND	1	47	1	2	2	74	.55	.022	5	54	.84	97	.18	3	2.25	.03	.13	1	4
13+00S 4+00E	1	44	10	132	.2	30	18	955	4.41	3	5	ND	1	54	1	2	2	78	.75	.088	9	60	.92	162	.16	6	2.71	.02	.28	1	1
13+00S 4+25E	4	102	10	95	.4	33	20	1441	5.02	20	5	ND	1	54	1	2	3	94	.94	.089	12	71	1.18	183	.09	5	2.87	.02	.40	1	8
13+00S 4+50E	1	55	13	104	.2	32	19	857	4.77	21	5	ND	1	52	1	2	2	88	.71	.079	11	69	1.14	139	.16	3	2.96	.01	.35	1	4
13+00S 4+75E	1	54	12	115	.3	24	17	1195	4.17	18	5	ND	1	49	1	2	2	83	.88	.086	13	57	1.19	241	.09	6	2.92	.01	.40	1	3
13+00S 5+00E	1	53	13	82	.2	23	15	896	3.96	38	5	ND	1	40	1	3	2	79	.53	.035	10	55	1.01	237	.12	3	2.73	.02	.24	1	3
13+00S 5+25E	1	60	10	81	.1	21	15	372	4.34	21	5	ND	1	37	1	2	3	91	.45	.063	9	64	1.04	128	.10	5	2.84	.02	.16	1	1
13+00S 5+50E	1	50	10	77	.1	25	17	492	3.86	12	5	ND	1	32	1	2	2	81	.42	.035	6	80	1.04	160	.14	6	2.10	.01	.20	1	1
STD C/AU-5	18	59	42	132	6.7	69	29	1075	4.13	42	18	7	37	50	18	17	20	58	.49	.084	40	57	.94	180	.07	39	2.00	.05	.14	12	50

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Mn PPM	Co PPM	Ni PPM	Fe %	As PPM	U PPM	Au PPM	Tl 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
13+00S 5+75E	1	63	8	64	.1	43	18	566	3.92	14	5	ND	1	42	1	2	3	78	.66	.074	9	120	1.23	156	.11	6	2.18	.02	.18	1	4
13+00S 6+00E	1	49	11	116	.1	30	14	519	3.84	9	5	ND	1	31	1	2	2	67	.45	.082	6	74	1.07	298	.10	10	2.80	.01	.28	1	1
13+00S 6+25E	1	54	10	97	.1	37	17	521	3.90	9	5	ND	1	37	1	2	2	77	.53	.063	7	109	1.44	264	.12	5	2.73	.01	.43	1	1
13+00S 6+50E	1	131	10	78	.1	78	29	495	4.92	13	5	ND	1	56	1	3	2	133	1.01	.098	7	311	2.86	84	.12	2	2.70	.01	.21	2	2
13+00S 6+75E	1	59	9	59	.1	31	15	420	4.04	11	5	ND	1	33	1	2	2	87	.46	.052	8	75	.99	129	.10	6	2.06	.01	.17	1	9
14+00S 5+00W	1	63	13	146	.1	29	17	940	4.47	7	5	ND	1	38	1	2	2	71	.88	.050	10	58	.76	196	.13	7	2.53	.02	.29	1	6
14+00S 4+75W	1	144	13	99	.1	36	22	830	4.75	9	5	ND	1	49	1	2	2	76	.71	.120	9	60	1.03	157	.10	5	1.99	.01	.32	1	1
14+00S 4+50W	2	102	12	95	.1	29	20	983	4.39	8	5	ND	1	36	1	2	2	77	.54	.067	10	65	.89	187	.11	7	2.03	.01	.29	1	1
14+00S 4+25W	1	61	11	101	.1	26	13	915	3.11	3	5	ND	1	42	1	2	2	50	.61	.044	9	41	.70	211	.11	6	2.20	.01	.34	1	1
14+00S 4+00W	1	35	9	86	.1	22	12	674	3.36	6	5	ND	1	39	1	2	2	62	.47	.045	9	47	.58	166	.15	6	2.14	.01	.25	1	1
14+00S 3+75W	1	40	11	78	.1	26	15	737	3.58	6	5	ND	1	36	1	2	2	65	.55	.055	9	54	.63	167	.14	15	2.52	.01	.25	1	2
14+00S 3+50W	1	30	11	74	.1	23	12	501	3.19	5	5	ND	1	31	1	2	2	58	.36	.036	9	42	.54	171	.15	3	2.27	.02	.19	1	1
14+00S 3+25W	1	56	14	97	.2	33	16	649	4.22	5	5	ND	1	43	1	2	2	76	.56	.049	11	58	.77	171	.17	6	2.91	.01	.26	1	1
14+00S 3+00W	1	53	11	109	.2	27	15	677	3.99	6	5	ND	1	34	1	2	3	70	.44	.028	8	50	.67	212	.13	9	2.60	.02	.19	1	4
14+00S 2+75W	1	100	11	83	.1	27	16	526	4.21	4	5	ND	1	36	1	2	2	74	.39	.033	9	53	.83	156	.12	10	2.27	.01	.17	1	15
14+00S 2+50W	1	52	13	97	.1	28	14	585	3.80	4	5	ND	2	30	1	2	2	65	.25	.025	5	49	.79	156	.11	5	2.47	.01	.15	1	1
14+00S 2+25W	1	174	18	132	.2	44	27	1109	5.76	9	5	ND	1	45	1	2	2	88	.54	.067	10	77	1.21	200	.09	9	3.08	.01	.16	1	13
14+00S 2+00W	2	284	13	123	.3	33	19	1015	4.65	8	5	ND	1	49	1	2	2	71	.55	.030	9	58	.80	210	.08	3	2.17	.01	.31	1	16
14+00S 1+75W	2	122	11	104	.2	33	22	525	6.12	16	5	ND	1	45	1	2	2	118	.56	.035	6	100	1.23	95	.05	12	2.48	.01	.23	1	220
14+00S 1+50W	3	49	13	169	.1	34	18	877	4.33	29	5	ND	1	47	1	2	2	70	.58	.167	9	46	.71	242	.09	9	3.48	.02	.20	1	3
14+00S 1+25W	3	249	12	136	.6	31	18	1198	6.53	16	5	ND	1	42	1	2	2	52	.45	.087	7	37	.53	103	.03	2	1.40	.01	.13	1	260
14+00S 1+00W	1	56	12	150	.1	29	16	858	4.31	8	5	ND	1	41	1	2	2	79	.54	.068	10	55	1.00	308	.13	3	3.07	.01	.38	1	1
14+00S 0+75W	3	489	14	122	.5	41	25	1142	6.13	16	5	ND	1	55	1	2	2	83	2.40	.082	12	72	1.29	263	.05	11	2.34	.01	.31	1	43
14+00S 0+50W	5	395	13	108	.2	45	27	1170	6.79	24	5	ND	1	71	1	2	2	100	.61	.090	11	89	1.99	207	.08	5	2.93	.03	.53	1	108
14+00S 0+25W	3	180	14	102	.2	39	26	1141	6.17	10	5	ND	1	35	1	2	2	95	.56	.057	11	97	1.96	198	.07	10	3.34	.01	.30	1	240
14+00S 0+25E	3	160	11	100	.1	45	24	1080	5.98	15	5	ND	1	31	1	2	2	93	.43	.053	11	89	1.70	173	.08	6	2.89	.02	.33	1	74
14+00S 0+50E	2	76	11	107	.1	30	17	1041	4.25	9	5	ND	1	46	1	2	2	78	.66	.062	8	68	1.11	244	.09	6	2.74	.01	.38	1	2
14+00S 0+75E	2	121	14	92	.1	40	22	1015	5.34	20	5	ND	1	33	1	2	2	105	.47	.044	12	97	1.52	178	.12	3	2.77	.01	.37	1	10
14+00S 1+00E	2	71	15	129	.2	33	17	1159	4.05	10	5	ND	1	37	1	2	2	77	.58	.065	7	68	.97	238	.10	3	2.72	.01	.33	1	7
14+00S 1+25E	1	69	13	99	.2	32	16	696	4.20	9	5	ND	1	27	1	2	2	78	.38	.042	6	73	1.02	171	.11	2	2.62	.01	.27	1	1
14+00S 1+50E	1	77	11	197	.3	34	19	1231	4.02	8	5	ND	1	41	1	2	2	68	.54	.069	8	58	.83	266	.10	5	2.39	.01	.27	1	9
14+00S 1+75E	1	88	11	123	.1	33	17	968	3.94	6	5	ND	1	37	1	2	2	70	.51	.058	6	63	.95	245	.10	3	2.64	.02	.31	1	12
14+00S 2+00E	1	57	12	105	.1	33	18	891	4.52	10	5	ND	1	36	1	2	2	67	.49	.057	9	78	1.16	398	.11	6	2.65	.03	.29	1	1
14+00S 2+25E	1	43	14	98	.1	26	14	817	3.57	8	5	ND	1	33	1	2	2	67	.43	.047	6	57	.81	214	.12	6	2.61	.01	.26	1	2
14+00S 2+50E	1	47	11	101	.1	27	16	984	3.67	10	5	ND	1	37	1	2	2	72	.46	.051	5	70	.97	196	.11	5	2.58	.03	.40	1	1
14+00S 2+75E	1	44	11	141	.2	27	13	1153	3.06	5	5	ND	1	40	1	2	2	52	.57	.081	5	53	.78	251	.08	5	2.17	.01	.27	1	1
STD C/AU-5	19	62	42	132	7.0	72	30	1059	4.06	40	16	7	39	52	19	17	21	61	.50	.088	42	61	.93	179	.07	37	1.98	.06	.14	13	53

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Mn PPM	Co PPM	Ni PPM	Fe %	As PPM	U PPM	Au PPM	Hg 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 %	V PPM	Au ^g PPM
18+00S 0+50R	1	79	16	105	.1	35	23	954	5.56	2	5	ND	1	35	1	2	2	99	.76	.029	7	113	1.81	98	.08	3	3.04	.03	.49	1	1
18+00S 0+75R	1	13	13	62	.1	21	13	259	2.80	2	5	ND	1	42	1	2	2	57	.38	.024	4	67	1.38	87	.23	7	2.43	.01	.19	1	1
18+00S 1+00R	1	76	12	97	.2	33	23	788	5.19	3	5	ND	1	35	1	2	2	91	.43	.039	8	96	1.58	129	.10	4	2.85	.02	.38	1	310
18+00S 1+25R	1	85	16	109	.1	43	23	974	5.70	5	5	ND	1	35	1	2	2	105	.54	.047	12	119	1.68	207	.11	2	3.78	.01	.34	1	265
18+00S 1+50R	1	76	15	111	.3	39	21	1062	5.11	8	5	ND	1	34	1	2	2	92	.64	.065	13	105	1.44	211	.08	2	3.49	.02	.35	1	12
18+00S 1+75R	1	91	18	125	.1	43	24	1217	5.55	13	5	ND	1	32	1	2	2	99	.61	.081	12	115	1.72	201	.07	2	3.38	.01	.39	1	16
18+00S 2+00R	1	81	15	109	.1	39	21	958	5.35	30	5	ND	1	31	1	2	2	102	.64	.060	10	122	1.74	171	.06	2	3.19	.01	.30	1	19
18+00S 2+25R	1	46	13	101	.1	28	15	759	4.18	5	5	ND	1	24	1	2	2	77	.35	.033	8	78	1.19	191	.09	2	2.96	.01	.19	1	1
18+00S 2+50R	1	101	20	129	.3	43	23	1026	5.87	3	5	ND	1	34	1	2	2	105	.73	.060	13	124	2.05	221	.05	2	3.90	.01	.20	1	0
18+00S 2+75R	2	108	17	120	.1	41	23	1117	5.79	10	5	ND	1	33	1	2	2	114	.67	.032	10	117	1.90	239	.05	2	3.65	.01	.28	1	3
18+00S 3+00R	1	68	15	102	.1	41	31	980	6.23	2	5	ND	1	29	1	2	2	111	.46	.024	8	123	1.94	140	.06	2	2.97	.01	.35	1	7
18+00S 3+25R	1	98	14	107	.4	76	26	1018	6.36	20	5	ND	1	39	1	2	2	122	.75	.068	12	260	2.20	200	.05	2	3.81	.01	.40	1	15
18+00S 3+50R	2	90	13	105	.2	105	30	1189	6.67	74	5	ND	1	38	1	2	2	123	.65	.050	9	379	2.28	333	.05	2	3.71	.01	.41	1	1
18+00S 3+75R	1	131	13	131	.2	152	43	2004	7.60	6	5	ND	1	38	1	3	2	152	.93	.087	8	512	3.16	359	.05	2	4.22	.01	.65	1	1
18+00S 4+00R	1	75	9	106	.1	31	20	863	4.85	7	5	ND	1	32	1	2	2	99	.46	.052	8	134	1.74	199	.08	2	3.01	.01	.26	1	1
18+00S 4+25R	3	103	13	116	.2	54	30	1544	7.45	2	5	ND	1	29	1	2	2	175	.92	.049	11	224	2.95	163	.01	2	4.39	.01	.30	1	1
18+00S 4+50R	3	117	15	92	.1	43	25	998	6.42	11	5	ND	1	29	1	2	2	140	.79	.049	9	181	2.21	111	.03	2	3.64	.01	.26	1	1
18+00S 4+75R	1	96	12	79	.1	36	19	670	5.39	2	5	ND	1	30	1	2	2	117	.71	.050	13	139	1.72	112	.06	2	3.38	.01	.16	1	1
18+00S 5+00R	1	70	10	89	.1	31	21	508	5.35	7	5	ND	1	40	1	2	2	113	.55	.044	10	106	1.55	123	.12	3	2.93	.01	.17	1	2
18+00S 5+25R	1	103	11	101	.1	41	23	928	5.73	9	5	ND	1	34	1	2	2	114	.78	.057	13	146	2.01	140	.08	4	3.86	.01	.26	1	2
18+00S 5+50R	1	70	9	105	.1	29	22	577	4.87	11	5	ND	1	43	1	2	2	99	.54	.054	7	103	1.70	141	.08	2	2.94	.01	.17	1	2
18+00S 5+75R	1	69	12	111	.1	29	21	742	4.95	10	5	ND	1	47	1	2	2	99	.65	.060	8	101	1.71	130	.09	4	3.16	.01	.25	1	3
18+00S 6+00R	1	59	9	96	.1	28	19	618	4.64	13	5	ND	1	39	1	3	2	90	.88	.055	7	98	1.58	149	.08	6	2.89	.01	.27	1	1
18+00S 6+25R	1	19	7	46	.1	14	11	441	2.84	2	5	ND	1	26	1	2	3	64	.29	.018	4	53	.68	59	.15	2	1.21	.02	.15	2	42
18+00S 6+50R	1	27	7	41	.1	17	13	483	2.95	7	5	ND	1	26	1	2	2	56	.30	.019	4	56	.98	77	.10	3	1.51	.01	.11	2	6
18+00S 6+75R	1	30	5	32	.1	13	7	302	2.36	6	5	ND	1	172	1	2	2	32	3.89	.040	5	29	.78	82	.08	4	.82	.02	.07	2	1
18+00S 7+00R	1	11	5	21	.1	11	6	280	1.77	5	5	ND	1	146	1	2	2	29	3.65	.031	6	22	.59	72	.09	5	.66	.02	.04	1	2
18+00S 7+25R	1	11	5	37	.1	11	8	231	2.50	2	5	ND	1	28	1	2	2	53	.31	.026	4	35	.41	45	.16	7	.94	.01	.07	2	1
18+00S 7+50R	1	15	10	60	.1	18	13	337	3.90	2	5	ND	1	42	1	2	2	75	.40	.032	5	58	.80	59	.22	3	1.92	.02	.14	1	1
18+00S 7+75R	1	20	10	64	.1	17	12	519	2.99	2	5	ND	1	32	1	2	2	49	.25	.031	3	47	.62	122	.11	5	2.06	.01	.14	1	1
18+00S 8+00R	1	23	7	118	.1	22	13	1015	3.97	2	5	ND	1	45	1	2	2	65	.41	.027	6	44	.57	113	.23	4	1.71	.01	.21	1	1
BYD C/AU-S	18	57	40	132	6.7	67	29	1067	4.07	44	18	7	36	89	18	17	20	58	.50	.083	39	57	.94	177	.07	38	2.00	.06	.13	13	53

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* PPM
6+00S 4+00W	2	31	11	93	.2	19	11	935	2.80	4	5	ND	1	32	1	2	2	52	.50	.030	7	31	.44	179	.14	5	1.86	.02	.20	1	1
6+00S 3+75W	2	22	7	76	.1	14	9	744	2.73	4	5	ND	1	31	1	2	3	47	.42	.051	6	31	.42	161	.15	11	1.80	.02	.29	1	1
6+00S 3+50W	2	27	8	62	.2	17	10	833	2.66	5	5	ND	1	37	1	2	2	54	.53	.033	6	31	.44	168	.15	4	1.46	.02	.20	1	1
6+00S 3+25W	2	25	7	80	.1	17	11	624	2.96	5	5	ND	3	33	1	2	2	57	.54	.036	7	34	.47	141	.18	2	1.95	.02	.23	1	1
6+00S 3+00W	2	39	6	90	.1	22	11	831	3.17	7	5	ND	1	33	1	2	2	60	.51	.053	10	38	.52	178	.14	2	2.02	.02	.21	1	1
6+00S 2+75W	2	44	8	116	.1	23	13	883	3.57	10	5	ND	1	44	1	2	2	66	.77	.064	11	41	.61	205	.17	2	2.42	.01	.32	1	1
6+00S 2+50W	2	31	12	103	.1	22	12	639	3.63	6	5	ND	2	37	1	3	2	67	.47	.047	10	40	.56	159	.23	2	2.37	.02	.20	1	1
6+00S 2+25W	6	31	6	77	.2	16	12	574	3.27	3	5	ND	1	31	1	3	2	69	.42	.010	6	42	.55	92	.19	2	1.51	.02	.24	1	1
6+00S 2+00W	2	35	8	109	.1	19	12	750	3.28	5	5	ND	1	32	1	2	2	63	.48	.032	7	42	.54	134	.18	2	1.88	.02	.23	1	1
6+00S 1+75W	3	42	7	81	.2	25	14	575	3.84	5	5	ND	2	33	1	2	2	77	.50	.028	10	51	.67	122	.19	8	2.51	.02	.27	1	1
6+00S 1+50W	3	53	8	99	.2	28	16	742	4.62	6	5	ND	2	41	1	4	2	87	.57	.047	11	64	.95	152	.26	2	2.88	.02	.27	1	5
6+00S 1+25W	3	32	8	89	.1	23	14	737	3.91	7	5	ND	2	38	1	2	2	75	.51	.036	10	49	.65	127	.26	2	2.33	.02	.21	1	9
6+00S 1+00W	3	36	7	86	.1	18	13	561	3.57	5	5	ND	2	32	1	2	3	74	.41	.034	6	46	.63	93	.23	4	1.67	.02	.28	1	1
6+00S 0+75W	2	18	3	64	.1	14	10	343	2.94	5	5	ND	1	27	1	2	2	65	.34	.010	5	38	.43	64	.24	2	1.22	.02	.14	1	14
6+00S 0+25W	3	32	7	97	.2	21	14	767	3.45	4	5	ND	2	34	1	2	2	71	.48	.040	8	49	.57	115	.21	2	1.90	.02	.16	1	1
7+00S 4+25W	2	24	9	70	.1	16	10	630	2.77	4	5	ND	1	30	1	2	2	55	.50	.054	7	37	.43	124	.16	5	1.69	.02	.21	1	1

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Mn PPM	Co PPM	Ni PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	U 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 %	W PPM	Au# PPB
23+00S 2+75E	1	174	13	53	.3	29	32	1027	5.12	15	5	ND	1	236	1	2	2	94	7.31	.109	4	54	2.55	99	.01	2	2.00	.01	.17	1	23	
23+00S 3+00E	1	143	10	71	.2	42	31	849	5.18	21	5	ND	2	130	1	2	2	125	4.76	.083	6	145	2.98	70	.01	2	3.10	.01	.25	1	4	
23+00S 3+25E	1	201	6	92	.2	37	23	807	5.49	8	5	WD	1	78	1	2	3	117	3.29	.126	10	161	2.39	88	.01	2	2.86	.01	.16	1	39	
23+00S 3+50E	1	81	5	50	.1	12	9	346	3.18	4	5	ND	2	29	1	2	2	52	.48	.027	16	25	.62	63	.01	4	1.45	.01	.24	2	14	
23+00S 3+75E	1	50	6	81	.1	48	24	582	5.95	5	5	ND	3	60	1	2	2	62	.66	.048	14	32	.76	47	.18	2	1.87	.02	.14	1	1	
23+00S 4+00E	1	56	10	104	.2	46	26	696	8.14	2	5	ND	4	95	1	2	5	73	1.13	.075	31	27	.63	60	.16	2	2.16	.02	.06	1	1	
23+00S 4+25E	1	33	6	79	.2	34	14	354	6.46	2	5	ND	3	83	1	2	3	68	.88	.088	21	31	.59	70	.24	2	2.32	.02	.06	1	1	
23+00S 4+50E	1	24	6	262	.1	33	16	784	4.78	3	5	WD	2	73	1	2	2	63	.67	.098	8	42	.70	118	.21	4	2.17	.02	.13	1	1	
23+00S 4+75E	1	33	7	93	.1	24	15	399	5.26	8	5	ND	3	63	1	2	4	66	.65	.047	8	47	.69	76	.20	4	2.02	.02	.19	1	4	
23+00S 5+00E	1	30	6	92	.2	30	16	522	5.91	2	5	ND	2	64	1	2	3	73	.63	.039	12	38	.58	75	.23	2	1.91	.03	.15	1	1	
23+00S 5+25E	1	52	4	97	.1	44	24	1037	7.13	2	5	ND	3	73	1	2	2	72	.63	.053	22	36	.66	164	.13	2	1.87	.02	.12	1	12	
23+00S 5+50E	1	38	11	145	.1	39	22	589	8.22	2	5	ND	3	81	1	2	2	86	.86	.053	21	27	.81	90	.37	2	2.55	.03	.08	1	1	
23+00S 5+75E	1	65	11	150	.1	81	54	1709	12.41	2	5	WD	5	84	1	2	3	92	.84	.073	14	22	.92	59	.10	2	2.34	.01	.08	1	1	
23+00S 6+00E	1	27	10	121	.2	31	21	888	6.86	3	5	ND	4	61	1	5	2	96	.58	.048	19	31	.64	160	.42	5	2.21	.02	.10	1	7	
23+00S 6+25E	1	22	9	117	.3	23	16	576	5.23	3	5	ND	4	42	1	4	3	84	.38	.027	9	34	.51	99	.42	2	1.90	.02	.09	1	1	
23+00S 6+50E	1	18	10	112	.1	16	11	565	3.48	2	5	ND	2	31	1	4	2	57	.30	.023	5	30	.38	95	.27	2	1.41	.02	.11	1	1	
23+00S 6+75E	1	17	2	139	.1	17	9	433	3.27	2	5	WD	3	24	1	2	3	50	.26	.029	4	31	.38	161	.25	2	2.05	.02	.08	1	1	
23+00S 7+00E	1	20	11	139	.2	21	12	580	3.93	2	5	ND	2	31	1	3	2	60	.32	.028	4	35	.47	152	.30	2	2.01	.02	.09	2	2	
23+00S 7+25E	1	13	5	61	.1	15	8	300	2.83	2	5	ND	3	22	1	3	2	56	.25	.049	5	32	.33	83	.21	2	1.12	.01	.05	2	1	
23+00S 7+50E	1	25	10	154	.3	24	11	349	4.39	2	5	ND	3	36	1	3	2	62	.32	.031	8	35	.57	167	.32	6	2.37	.02	.10	1	1	
23+00S 7+75E	1	26	13	146	.2	34	18	1679	5.70	3	5	ND	3	54	1	2	2	81	.48	.039	8	44	.63	157	.37	3	2.07	.02	.12	1	1	
23+00S 8+00E	1	27	8	145	.2	26	16	1009	4.84	3	5	WD	4	46	1	5	5	63	.41	.052	10	32	.51	142	.30	8	2.18	.02	.15	1	1	
23+00S 8+25E	1	23	10	154	.1	21	12	735	4.81	2	5	ND	2	38	1	3	2	63	.36	.025	8	24	.51	108	.40	2	1.82	.02	.16	1	2	
23+00S 8+50E	1	25	10	122	.2	19	13	554	4.84	3	5	ND	3	35	1	4	2	68	.33	.042	9	26	.51	103	.41	3	1.88	.02	.10	2	1	
23+00S 8+75E	1	31	9	163	.2	22	13	797	4.20	2	5	ND	3	33	1	2	2	53	.32	.048	6	25	.51	159	.28	3	2.26	.01	.15	1	1	
23+00S 9+00E	1	30	12	134	.1	22	13	552	3.82	2	5	ND	3	33	1	3	3	47	.29	.033	6	24	.49	169	.26	2	2.39	.02	.13	2	12	
23+00S 9+25E	1	20	6	140	.2	18	14	671	5.83	2	5	ND	3	36	1	2	2	86	.37	.043	7	19	.79	128	.66	2	2.18	.02	.12	1	1	
23+00S 9+50E	1	21	9	94	.2	18	12	411	4.22	2	5	WD	3	29	1	5	2	70	.31	.036	7	34	.53	96	.35	2	1.75	.02	.10	2	1	
23+00S 9+75E	1	18	11	98	.2	16	10	350	3.45	2	5	ND	2	26	1	3	2	56	.29	.030	4	29	.41	105	.27	2	1.79	.01	.11	2	25	
23+00S 10+00E	1	16	6	55	.1	16	10	365	3.26	2	5	ND	3	27	1	2	3	60	.32	.026	5	35	.48	63	.25	3	1.26	.02	.10	1	3	
24+00S 0+25E	1	269	17	99	.2	65	33	1009	6.60	6	5	ND	1	146	1	2	2	108	4.12	.103	5	199	2.95	27	.14	2	2.62	.01	.13	1	9	
24+00S 0+50E	1	85	12	157	.1	49	33	1481	6.58	14	5	WD	2	64	1	2	2	95	1.02	.144	11	114	1.92	140	.10	5	2.37	.01	.13	1	1	
24+00S 0+75E	1	241	11	119	.2	55	40	1602	7.13	14	5	WD	1	88	1	2	2	120	3.75	.088	5	148	2.73	55	.14	5	2.81	.01	.12	1	13	
24+00S 1+00E	1	52	9	93	.1	42	25	1656	6.56	11	5	WD	3	73	2	2	2	86	.88	.093	12	72	1.47	133	.19	2	1.78	.03	.09	1	2	
24+00S 1+25E	1	89	10	220	.1	46	28	1996	6.17	20	5	WD	2	91	1	2	2	78	1.23	.152	12	80	1.46	172	.12	7	1.77	.02	.12	1	8	
24+00S 1+75E	1	33	8	306	.1	39	24	2106	4.67	16	5	ND	1	101	1	2	2	65	1.35	.280	12	66	1.14	194	.08	12	1.80	.02	.13	1	6	
STD C/AU-S	17	57	40	130	6.6	67	29	1063	4.10	41	17	8	37	47	17	16	19	58	.48	.092	38	56	.93	178	.07	33	1.96	.06	.14	14	52	

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Tb 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
24+00S 2+00E	1	75	10	154	.1	46	27	936	6.16	15	5	ND	2	73	2	2	3	85	1.02	.234	10	102	1.67	143	.10	9	2.11	.01	.10	1	1
24+00S 2+25E	1	109	8	191	.3	55	30	1096	6.63	12	5	ND	3	95	3	2	3	97	1.50	.157	13	104	1.90	127	.08	11	2.40	.01	.19	1	9
24+00S 2+75E	1	100	13	121	.1	14	15	1499	4.50	17	5	ND	1	223	1	2	4	111	2.80	.133	14	28	1.06	224	.01	10	2.37	.01	.36	1	3
24+00S 3+00E	1	154	13	116	.2	17	21	1166	6.25	15	5	ND	1	101	1	3	2	171	1.29	.132	15	47	1.60	320	.03	6	3.37	.01	.96	1	8
24+00S 3+25E	1	169	16	150	.3	48	25	1488	7.56	36	5	ND	1	73	2	2	2	157	2.05	.068	9	153	2.55	113	.03	11	4.04	.01	1.13	1	27
24+00S 3+50E	1	179	18	162	.2	35	23	1146	7.80	47	5	ND	2	42	2	2	2	157	1.19	.059	9	144	2.53	63	.01	10	3.76	.01	.21	1	76
24+00S 3+75E	1	82	11	149	.1	28	19	1024	6.35	4	5	ND	2	65	2	2	2	133	1.06	.042	10	115	1.73	140	.05	5	3.60	.01	.42	1	17
24+00S 4+00E	1	49	12	313	.4	25	13	918	4.60	3	5	ND	2	61	2	3	2	92	1.26	.180	8	73	1.16	253	.08	14	2.52	.01	.30	1	2
24+00S 4+25E	1	87	8	128	.2	30	19	780	6.76	3	5	ND	3	59	1	2	3	103	.85	.056	15	69	1.23	108	.18	6	2.69	.01	.25	1	13
24+00S 4+50E	1	13	4	40	.1	12	7	172	2.32	2	6	ND	1	30	2	2	2	32	.31	.012	9	16	.31	27	.13	3	1.11	.01	.06	1	1
24+00S 4+75E	1	42	8	140	.1	57	27	756	8.78	2	5	ND	2	89	2	2	2	83	1.15	.084	11	47	.92	48	.22	3	2.17	.03	.13	1	2
24+00S 5+00E	1	29	6	134	.1	41	22	764	6.72	2	5	ND	3	78	1	2	2	84	.74	.058	14	46	.84	106	.40	2	2.46	.03	.08	1	1
24+00S 5+25E	1	15	6	146	.1	22	13	624	4.45	2	5	ND	3	48	2	2	2	70	.48	.030	8	33	.44	95	.39	5	1.92	.02	.10	1	1
24+00S 5+50E	1	30	7	166	.1	51	27	1063	8.67	2	5	ND	3	89	2	2	2	103	.84	.067	14	47	1.07	147	.62	2	2.11	.03	.23	1	1
24+00S 5+75E	1	23	9	150	.1	31	20	675	6.40	2	5	ND	2	58	1	2	5	99	.65	.071	8	41	.97	169	.61	3	2.29	.03	.10	1	2
24+00S 6+00E	1	21	4	129	.1	23	13	335	4.37	2	5	ND	2	36	1	2	4	73	.34	.036	6	42	.53	111	.35	2	1.80	.02	.10	1	1
24+00S 6+25E	1	15	7	129	.1	21	12	531	3.87	2	5	ND	2	33	1	2	2	69	.31	.019	4	40	.45	132	.37	4	1.63	.02	.09	1	2
24+00S 6+50E	1	16	7	97	.1	19	10	323	3.69	2	5	ND	1	31	1	2	2	59	.30	.024	5	31	.38	87	.34	2	1.51	.02	.09	2	2
24+00S 6+75E	1	17	12	135	.1	25	12	406	4.57	2	5	ND	2	34	2	2	2	72	.32	.040	4	36	.50	120	.44	2	2.14	.02	.09	2	1
24+00S 7+00E	1	20	8	201	.1	26	14	723	5.24	2	5	ND	2	55	2	2	2	64	.57	.062	10	33	.68	128	.30	3	2.89	.03	.12	1	1
24+00S 7+25E	1	15	12	193	.1	19	10	711	3.54	2	5	ND	2	34	1	5	4	51	.32	.029	5	25	.43	131	.34	3	2.45	.02	.10	1	1
24+00S 7+50E	1	15	9	164	.2	21	11	520	3.77	3	5	ND	2	32	1	5	3	59	.36	.051	4	29	.41	114	.31	4	2.34	.01	.17	2	1
24+00S 7+75E	1	26	10	147	.1	26	14	428	5.14	2	7	ND	4	41	2	2	2	69	.38	.045	12	28	.53	154	.44	2	2.94	.02	.11	1	1
24+00S 8+00E	1	20	8	174	.1	26	14	1169	5.23	2	5	ND	3	45	2	2	3	71	.42	.058	7	26	.54	167	.34	2	3.19	.02	.11	1	3
24+00S 8+25E	1	22	8	119	.1	20	9	375	3.75	2	5	ND	3	32	1	2	2	57	.32	.041	8	31	.43	102	.28	2	2.14	.01	.07	1	3
24+00S 8+50E	1	11	4	55	.2	12	7	185	2.31	2	5	ND	2	21	1	2	2	46	.25	.031	4	31	.28	74	.21	7	1.08	.01	.07	1	1
24+00S 8+75E	1	22	11	131	.1	23	13	544	4.70	2	5	ND	2	34	1	2	2	71	.36	.047	7	32	.50	126	.33	2	2.16	.02	.11	2	1
24+00S 9+00E	1	13	8	70	.1	17	9	304	2.08	2	5	ND	1	23	1	3	5	57	.25	.033	5	32	.31	106	.26	2	1.28	.01	.05	2	1
24+00S 9+25E	1	19	7	71	.1	20	11	305	3.42	2	5	ND	1	26	1	2	2	68	.30	.031	4	45	.57	97	.33	2	1.51	.01	.11	3	1
24+00S 9+50E	1	16	3	67	.1	20	9	220	2.99	2	5	ND	2	23	1	3	2	60	.25	.049	5	32	.41	128	.26	2	1.74	.01	.05	3	1
24+00S 9+75E	1	15	10	86	.1	21	11	463	3.33	4	5	ND	2	23	1	2	3	67	.27	.050	5	35	.40	130	.27	3	1.74	.01	.09	2	2
24+00S 10+00E	1	13	6	62	.1	18	10	282	3.43	3	5	ND	1	21	1	2	2	76	.26	.040	4	36	.37	95	.30	2	1.26	.01	.06	2	68
25+00S 1+00W	1	80	10	97	.1	49	27	1598	5.49	15	6	ND	1	73	2	2	3	76	1.52	.124	12	80	1.45	107	.09	7	1.80	.02	.13	1	5
25+00S 0+75W	1	82	9	109	.2	52	30	1970	6.88	22	5	ND	2	86	1	2	2	92	1.70	.121	12	83	1.61	196	.13	7	1.91	.02	.13	1	5
25+00S 0+50W	1	70	13	140	.2	49	32	2323	7.69	28	5	ND	2	76	1	2	2	93	1.31	.133	13	65	1.25	303	.11	14	1.62	.02	.13	1	12
25+00S 0+25W	1	63	9	104	.1	46	26	1834	6.21	11	5	ND	1	80	3	2	2	86	1.16	.099	12	77	1.46	166	.17	4	2.02	.02	.20	1	3
STD C/AD-S	17	58	38	132	7.1	67	28	1048	4.02	41	17	7	36	47	17	16	19	56	.48	.092	38	55	.94	174	.07	31	1.96	.06	.13	14	50

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Mi PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Tb PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Ct PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	N PPM	Am ^P PPM
25+00S 0+25K	1	85	4	146	.1	43	23	1088	4.68	21	5	WD	1	176	1	2	2	54	3.36	.201	11	64	1.26	143	.05	15	1.55	.01	.25	1	6
25+00S 0+50K	1	115	10	156	.2	58	37	2006	7.85	26	5	WD	2	96	1	2	2	103	2.08	.144	12	106	2.00	184	.14	3	2.06	.02	.13	1	10
25+00S 0+75K	6	324	11	103	.3	45	50	1060	7.62	14	5	WD	1	127	2	2	2	150	4.77	.058	6	129	3.50	81	.03	6	2.69	.01	.12	1	1
25+00S 1+00K	1	27	11	46	.1	9	8	406	2.09	2	5	WD	3	95	3	2	2	35	.51	.037	17	13	.57	164	.03	9	1.76	.05	.11	1	2
25+00S 1+25K	1	66	6	70	.2	34	18	792	4.37	2	5	WD	3	108	3	2	2	90	.88	.035	17	82	1.33	461	.02	6	2.92	.02	.13	1	1
25+00S 1+50K	1	12	8	30	.1	5	5	259	1.49	2	5	WD	1	59	1	2	3	23	.19	.020	5	9	.22	81	.02	2	1.50	.03	.08	2	1
25+00S 1+75K	1	10	8	33	.2	4	4	313	1.22	2	5	WD	2	73	1	2	2	17	.27	.009	7	5	.26	130	.03	7	1.46	.04	.10	1	1
25+00S 2+00K	1	11	7	37	.1	6	5	313	1.76	2	5	WD	2	80	1	2	2	19	.35	.025	5	11	.31	147	.03	6	1.45	.02	.13	1	1
25+00S 2+25K	1	12	2	50	.1	4	4	241	1.22	2	5	WD	3	80	1	2	2	19	.37	.021	8	6	.27	101	.02	6	1.19	.02	.17	1	1
25+00S 2+50K	1	20	5	62	.1	4	6	584	2.42	2	5	WD	2	95	1	2	2	28	.31	.023	11	10	.38	46	.01	3	1.60	.03	.10	1	1
25+00S 2+75K	1	12	3	44	.1	5	5	377	1.13	2	5	WD	2	92	1	2	3	18	.46	.029	7	4	.30	211	.02	2	1.29	.03	.17	1	1
25+00S 3+00K	1	9	13	40	.1	5	4	150	1.35	2	5	WD	2	82	2	2	2	22	.32	.009	8	5	.34	128	.03	2	1.64	.03	.09	1	1
25+00S 3+25K	1	9	9	31	.3	4	4	111	1.14	2	5	WD	1	46	1	2	2	18	.25	.007	6	8	.19	130	.07	4	1.36	.02	.07	1	2
25+00S 3+50K	1	58	7	99	.1	14	11	430	3.54	15	5	WD	1	54	1	5	2	74	.50	.025	9	44	.75	117	.03	2	1.89	.01	.33	1	11
25+00S 3+75K	1	66	11	143	.1	22	15	886	4.62	9	5	WD	1	65	2	2	2	88	.45	.040	7	73	1.14	351	.03	2	2.40	.01	.33	1	7
25+00S 4+00K	1	34	7	109	.1	14	11	466	3.49	2	5	WD	2	51	1	2	2	74	.34	.021	7	46	.79	144	.11	2	1.82	.01	.18	1	150
25+00S 4+25K	1	9	7	66	.1	7	5	227	1.73	2	5	WD	1	21	1	2	2	33	.18	.009	5	19	.23	53	.14	4	.85	.01	.07	1	1
25+00S 4+50K	1	11	7	101	.1	14	9	340	3.20	2	5	WD	1	51	1	2	3	46	.39	.019	7	22	.28	85	.27	6	1.25	.02	.12	1	1
25+00S 4+75K	1	19	9	204	.1	26	15	918	5.01	2	5	WD	2	101	1	2	3	53	.89	.051	9	20	.46	146	.27	8	1.70	.02	.26	1	1
25+00S 5+00K	1	33	10	160	.1	46	26	831	8.65	2	5	WD	1	79	1	2	2	96	.69	.098	13	32	1.11	94	.63	4	1.96	.04	.40	1	2
25+00S 5+25K	1	32	8	194	.2	41	23	1068	7.42	2	5	WD	2	117	3	2	3	73	1.16	.093	12	33	.78	135	.36	12	1.99	.03	.40	1	1
25+00S 5+50K	1	38	5	152	.1	58	31	1109	9.05	2	5	WD	2	108	2	2	2	92	1.05	.121	15	43	1.34	105	.42	3	1.90	.03	.39	1	1
25+00S 5+75K	1	50	7	150	.2	71	34	1046	10.15	2	5	WD	3	107	2	2	2	100	1.03	.103	15	52	1.65	93	.38	3	2.15	.04	.07	1	2
25+00S 6+00K	1	20	11	174	.2	19	9	489	4.08	2	5	WD	2	38	1	2	2	50	.41	.038	6	22	.35	127	.23	10	2.00	.02	.17	1	1
25+00S 6+25K	1	12	7	107	.1	13	8	484	2.88	2	5	WD	1	24	1	2	2	44	.26	.019	3	21	.24	118	.22	2	1.50	.02	.07	1	3
25+00S 6+50K	1	20	10	140	.1	18	8	328	3.70	2	5	WD	2	30	1	2	2	52	.29	.031	4	30	.36	108	.23	6	1.86	.02	.12	1	1
25+00S 6+75K	1	16	3	120	.3	18	10	367	3.88	2	5	WD	2	31	1	2	2	61	.30	.022	5	31	.36	97	.29	6	1.69	.02	.07	1	1
25+00S 7+00K	1	18	12	135	.1	15	10	412	3.48	2	5	WD	2	28	1	2	4	49	.27	.024	4	26	.34	139	.25	4	1.88	.02	.09	1	3
25+00S 7+25K	1	16	2	111	.1	16	9	338	3.73	2	5	WD	1	28	1	2	2	56	.27	.021	4	26	.34	115	.28	2	1.65	.02	.08	1	1
25+00S 7+50K	1	10	8	94	.1	11	7	347	3.01	2	5	WD	1	19	2	2	3	50	.20	.015	3	24	.24	77	.23	8	1.29	.02	.05	1	1
25+00S 7+75K	1	18	8	127	.2	18	11	532	3.88	2	5	WD	4	30	2	2	2	53	.29	.036	7	27	.37	127	.25	4	1.98	.02	.09	1	1
25+00S 8+00K	1	15	3	80	.1	16	9	287	3.27	2	5	WD	1	27	1	2	2	54	.31	.035	5	31	.34	104	.24	2	1.53	.01	.06	1	2
25+00S 8+25K	1	9	11	48	.2	13	6	166	2.31	2	5	WD	2	20	1	2	3	45	.23	.036	5	30	.29	78	.23	9	1.15	.01	.05	2	2
25+00S 8+50K	1	8	6	54	.1	13	6	243	2.14	2	5	WD	1	17	1	2	3	47	.18	.033	4	28	.24	90	.21	7	1.28	.01	.05	1	1
25+00S 8+75K	1	10	5	39	.1	14	6	143	2.09	2	5	WD	1	19	1	2	2	46	.20	.036	5	30	.29	82	.22	3	1.24	.01	.05	1	1
25+00S 9+00K	1	11	5	47	.1	19	8	174	2.52	2	5	WD	1	17	1	2	2	55	.19	.029	3	36	.26	88	.23	18	1.27	.01	.05	1	1
STD C/AU-S	17	59	38	132	6.7	68	29	1062	4.10	40	17	8	37	47	17	16	20	58	.48	.088	39	57	.94	180	.07	40	1.91	.06	.13	13	47

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Al PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Sr PPM	Cd PPM	Sb PPM	Bi PPM	Y PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	N PPM	Au* PPM
25+00S 9+25E	1	17	10	79	.1	22	10	277	3.57	3	5	WD	1	25	1	2	2	74	.27	.057	5	41	.48	120	.30	2	2.05	.01	.07	1	1
25+00S 9+50E	1	10	9	80	.1	23	11	316	3.85	3	5	WD	2	28	1	3	2	81	.31	.041	4	43	.57	149	.34	3	1.95	.01	.07	1	4
25+00S 9+75E	1	16	8	92	.2	23	12	333	3.63	2	5	WD	1	26	1	2	2	74	.30	.044	6	38	.46	135	.30	7	1.87	.02	.09	1	2
25+00S 10+00E	1	14	4	53	.1	15	9	205	2.99	2	5	WD	1	23	1	2	2	62	.26	.028	5	31	.37	98	.27	2	1.29	.02	.06	1	1
26+00S 1+00E	1	59	7	80	.1	34	20	1064	5.30	7	5	WD	2	77	1	2	2	89	.74	.067	16	71	1.25	162	.13	2	1.71	.03	.13	1	1
26+00S 0+75W	1	74	13	111	.3	52	39	1795	7.29	17	5	WD	1	82	1	2	2	97	1.46	.103	12	94	1.94	140	.15	4	1.98	.03	.13	1	1
26+00S 0+50W	1	64	9	114	.1	36	19	953	3.77	10	5	WD	1	161	1	2	4	56	3.40	.123	7	54	1.32	108	.04	12	1.26	.01	.18	1	3
26+00S 0+25W	1	82	8	82	.2	42	23	949	4.56	18	5	WD	1	163	1	3	2	67	3.80	.116	7	72	1.64	126	.04	18	1.49	.01	.21	1	1
26+00S 0+25E	1	51	12	80	.1	28	14	823	4.41	5	5	WD	3	169	1	2	2	96	1.55	.075	28	49	1.01	304	.01	2	2.70	.01	.20	1	1
26+00S 0+50E	1	24	8	56	.1	15	9	498	3.32	2	5	WD	2	162	1	2	2	66	.85	.028	20	28	.62	356	.02	5	2.54	.02	.15	1	1
26+00S 0+75E	1	28	10	64	.1	16	10	581	2.96	2	5	WD	1	134	1	2	3	68	.63	.044	22	28	.58	334	.04	2	2.03	.03	.21	1	2
26+00S 1+00E	1	20	9	46	.1	12	7	235	2.73	4	5	WD	2	72	1	2	2	76	.23	.028	20	27	.35	123	.07	2	1.29	.03	.18	1	1
26+00S 1+25E	1	10	13	34	.1	5	4	426	1.28	2	5	WD	1	68	1	3	4	17	.33	.009	11	5	.23	162	.04	6	1.46	.02	.11	1	1
26+00S 1+50E	1	12	6	36	.1	7	5	565	1.32	2	5	WD	1	61	1	2	4	16	.33	.025	18	5	.22	319	.01	2	1.85	.01	.16	1	1
26+00S 1+75E	1	19	11	43	.1	8	7	596	1.42	2	5	WD	2	90	1	2	2	20	.57	.032	11	6	.28	345	.05	10	1.48	.01	.28	1	1
26+00S 2+00E	1	9	9	48	.2	8	6	403	1.51	2	5	WD	2	75	1	2	2	25	.44	.021	18	11	.25	147	.05	5	1.86	.01	.13	2	1
26+00S 2+25E	1	13	7	151	.1	16	11	650	3.46	2	5	WD	2	39	1	2	2	66	.33	.020	7	27	.42	118	.42	3	1.51	.03	.14	1	1
26+00S 2+50E	1	4	6	17	.2	2	2	53	.61	2	5	WD	1	28	1	2	5	9	.14	.004	4	3	.10	66	.04	7	.90	.01	.07	1	1
26+00S 2+75E	1	4	3	48	.1	5	3	160	1.36	2	5	WD	1	24	1	2	3	24	.19	.006	3	12	.12	44	.13	2	.86	.02	.04	1	1
26+00S 3+25E	1	17	8	136	.1	27	18	558	5.77	2	5	WD	2	65	1	2	2	192	.64	.027	13	36	.64	85	.62	2	1.68	.03	.17	1	1
26+00S 3+50E	1	1	3	6	.1	2	1	9	.21	2	5	ND	1	7	1	3	4	4	.05	.002	4	3	.04	7	.01	2	.26	.01	.03	1	1
26+00S 3+75E	1	41	15	96	.1	13	10	372	3.39	3	5	ND	2	46	1	3	2	64	.30	.027	7	69	.48	62	.85	2	1.76	.01	.17	1	1
26+00S 4+00E	1	11	6	50	.1	7	5	145	1.88	2	5	ND	1	48	1	3	2	34	.25	.009	4	17	.26	59	.10	4	1.26	.02	.07	1	5
26+00S 4+25E	1	31	9	87	.1	14	11	1971	3.49	4	5	ND	2	96	1	2	2	61	.50	.027	14	17	.45	310	.07	5	1.46	.01	.15	1	7
26+00S 4+50E	1	52	9	117	.2	22	17	1119	5.89	2	5	ND	3	72	1	2	2	47	.51	.050	22	26	.52	172	.16	4	1.79	.01	.18	1	10
26+00S 5+00E	1	21	8	144	.1	22	12	661	5.85	2	5	ND	2	91	1	2	2	54	.87	.042	12	24	.43	109	.27	6	1.74	.03	.25	1	1
26+00S 6+00E	1	32	12	128	.1	44	24	1050	7.56	2	5	ND	3	81	1	2	4	91	.79	.048	24	33	.59	125	.33	2	2.57	.02	.13	1	1
26+00S 6+25E	1	23	14	124	.1	28	17	816	5.94	2	5	ND	3	57	1	2	2	80	.52	.035	12	30	.42	120	.34	2	1.95	.02	.13	1	3
26+00S 6+50E	1	27	8	134	.1	24	14	472	5.73	2	5	ND	4	46	1	2	2	76	.45	.047	13	33	.45	97	.31	4	1.79	.03	.15	1	1
26+00S 6+75E	1	26	8	121	.1	28	12	366	5.19	2	5	ND	2	49	1	2	4	72	.36	.046	12	34	.47	115	.30	2	2.07	.02	.12	1	2
26+00S 7+00E	1	18	2	167	.1	26	9	437	4.84	2	5	ND	3	39	1	2	3	54	.34	.044	6	32	.37	165	.25	3	2.48	.02	.09	1	3
26+00S 7+25E	1	15	8	115	.2	16	9	161	3.84	2	5	ND	2	32	1	2	2	62	.34	.026	5	29	.27	101	.29	2	1.53	.02	.08	1	2
26+00S 7+50E	1	21	7	125	.1	23	12	569	4.88	2	5	ND	2	44	1	2	2	64	.42	.045	9	29	.35	117	.28	2	2.88	.02	.18	1	4
26+00S 7+75E	1	29	6	96	.1	35	14	314	5.46	4	5	ND	3	36	1	2	2	89	.39	.071	10	58	.75	74	.34	2	2.37	.02	.08	1	58
26+00S 8+00E	1	13	8	129	.1	14	7	456	3.21	2	5	ND	1	29	1	2	3	47	.27	.027	3	20	.27	124	.25	2	1.82	.02	.18	1	3
26+00S 8+25E	1	16	6	145	.1	19	9	329	3.89	2	5	ND	3	32	1	2	2	58	.32	.028	5	35	.35	101	.28	7	1.76	.02	.18	1	1
STD C/AU-S	17	57	35	132	7.1	67	28	1051	4.08	40	14	8	37	47	16	17	18	57	.49	.092	38	56	.92	174	.87	34	1.95	.06	.13	12	48

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Tb 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	Au ^r PPM
26+00S 8+50E	1	16	5	123	.1	19	10	511	4.11	3	5	ND	1	36	1	2	6	67	.34	.028	7	32	.37	113	.35	2	2.06	.02	.09	1	1
26+00S 8+75E	1	16	3	92	.1	20	9	306	3.74	3	5	ND	1	37	1	2	3	54	.36	.027	5	34	.36	100	.26	2	2.12	.03	.08	1	1
26+00S 9+00E	1	16	2	100	.1	21	7	255	3.27	3	5	ND	1	31	1	2	3	48	.31	.024	6	32	.37	117	.23	2	2.22	.02	.14	2	1
26+00S 9+25E	1	18	12	123	.2	29	12	274	5.15	3	5	ND	2	43	1	2	2	77	.37	.044	6	47	.67	161	.41	2	2.80	.03	.07	1	1
26+00S 9+50E	1	22	5	115	.2	28	12	285	4.27	3	5	ND	2	38	1	2	5	59	.34	.047	8	41	.61	182	.33	2	2.99	.02	.10	1	1
26+00S 9+75E	1	17	3	69	.1	21	11	354	3.86	3	5	ND	1	31	1	2	4	78	.30	.028	5	43	.51	97	.35	2	1.88	.02	.08	1	10
26+00S 10+00E	1	17	10	86	.1	24	13	436	4.22	4	5	ND	1	38	1	3	3	70	.36	.028	6	46	.66	127	.35	2	2.17	.03	.13	1	1
27+00S 1+00W	1	75	2	102	.1	49	30	1632	7.01	22	5	ND	1	86	1	2	2	86	1.72	.112	11	78	1.56	142	.12	5	1.68	.02	.18	1	13
27+00S 6+75W	1	107	8	93	.1	46	26	1215	5.45	18	5	ND	1	126	1	2	2	76	2.53	.106	10	78	1.73	97	.08	17	1.73	.01	.30	1	5
27+00S 0+50K	1	50	5	62	.1	21	15	783	3.56	21	5	ND	1	79	1	2	2	46	1.31	.079	12	41	.93	122	.05	3	1.40	.02	.15	1	17
27+00S 0+25V	1	13	6	27	.1	4	4	299	1.18	4	5	ND	1	55	1	2	2	17	.98	.051	11	6	.24	76	.01	2	1.03	.02	.11	1	1
27+00S 0+25E	1	17	16	51	.1	7	7	687	1.84	2	5	ND	3	114	1	2	2	21	.55	.022	18	5	.37	379	.02	2	2.26	.01	.20	1	1
27+00S 0+50E	1	20	6	47	.1	7	7	475	1.69	5	5	ND	3	112	1	2	2	25	.55	.024	23	9	.44	167	.02	9	1.94	.02	.17	2	2
27+00S 0+75E	1	11	11	48	.1	5	10	219	1.13	2	5	ND	3	82	1	2	2	16	.44	.024	15	7	.30	169	.03	5	2.16	.01	.15	1	1
27+00S 1+00E	1	9	6	27	.1	3	4	155	.97	3	5	ND	1	58	1	2	2	13	.26	.010	9	5	.20	101	.04	2	1.37	.03	.09	2	1
27+00S 1+25E	1	9	4	30	.1	3	3	271	1.06	2	5	ND	1	57	1	2	2	14	.27	.023	8	5	.20	105	.03	2	1.56	.03	.10	2	1
27+00S 1+50E	1	14	4	36	.1	6	6	693	1.33	4	5	ND	1	87	1	2	2	19	.39	.011	13	5	.31	215	.03	4	1.76	.03	.09	1	1
27+00S 1+75E	1	5	5	23	.1	4	4	143	.86	3	5	ND	1	27	1	2	2	14	.15	.005	8	6	.16	57	.04	2	.83	.01	.04	1	1
27+00S 2+00E	1	6	6	25	.1	5	4	101	1.14	2	5	ND	1	31	1	2	2	18	.22	.004	12	9	.15	42	.09	2	.85	.03	.05	1	1
27+00S 2+25E	1	29	6	131	.2	36	21	563	8.37	2	5	ND	2	77	1	2	2	106	.67	.067	17	33	1.23	48	.66	2	2.73	.03	.11	1	2
27+00S 2+50E	1	35	6	123	.1	38	18	586	6.73	2	5	ND	1	60	1	2	2	69	.73	.054	12	25	.52	50	.18	2	1.97	.03	.18	1	1
27+00S 2+75E	1	42	2	127	.1	40	20	611	7.34	2	5	ND	2	64	1	2	2	70	.83	.062	13	25	.66	45	.16	7	2.20	.03	.27	1	1
27+00S 3+00E	1	25	8	161	.1	32	18	764	6.49	2	5	ND	1	55	1	2	2	71	.61	.049	10	27	.52	89	.21	2	1.86	.03	.27	1	2
27+00S 3+25E	1	21	11	104	.2	29	16	795	5.13	2	5	ND	1	69	1	2	2	59	.62	.053	10	28	.46	95	.28	2	1.89	.03	.11	1	1
27+00S 3+50E	1	32	9	135	.2	49	21	593	8.08	4	5	ND	2	80	1	2	2	80	.81	.073	16	44	.99	82	.39	7	2.58	.04	.06	1	1
27+00S 3+75E	1	41	8	133	.1	57	26	827	8.67	2	5	ND	2	93	1	2	2	84	.94	.073	17	45	.86	73	.36	2	2.45	.03	.15	1	1
27+00S 4+00E	1	8	6	188	.1	15	7	418	2.93	2	5	ND	1	35	1	2	3	47	.32	.023	4	26	.27	74	.29	6	1.36	.03	.10	2	1
27+00S 4+25E	1	13	8	129	.1	21	7	160	3.37	2	5	ND	2	43	1	2	5	36	.41	.023	6	31	.36	69	.23	2	2.08	.03	.21	1	1
27+00S 4+50E	1	12	10	145	.3	19	8	305	3.28	2	5	ND	1	43	1	2	2	41	.40	.026	5	29	.30	62	.19	2	1.53	.03	.10	1	12
27+00S 4+75E	1	21	7	178	.1	34	14	583	6.09	2	5	ND	2	83	1	2	2	64	.85	.051	14	31	.44	79	.23	2	2.45	.03	.11	1	1
27+00S 5+00E	1	21	8	176	.2	27	15	659	5.32	3	5	ND	2	62	1	2	2	65	.56	.067	13	25	.54	96	.35	2	2.27	.03	.21	1	2
27+00S 5+25E	1	37	3	168	.1	48	21	799	8.46	2	5	ND	3	109	1	2	2	85	.86	.063	19	43	.70	128	.35	2	2.70	.03	.43	1	1
27+00S 5+50E	1	27	11	182	.1	34	18	767	7.50	2	5	ND	3	65	1	2	2	72	.67	.051	16	31	.63	96	.35	2	2.47	.03	.19	1	1
27+00S 6+00E	1	53	6	139	.3	71	36	1830	11.47	4	5	ND	4	99	1	2	4	101	.97	.069	15	38	1.12	93	.25	8	2.68	.03	.13	1	6
27+00S 6+50E	2	31	12	154	.2	31	16	611	6.35	2	5	ND	2	55	2	2	4	87	.43	.069	12	32	.54	163	.36	2	2.43	.02	.07	1	2
27+00S 6+75E	1	34	8	162	.1	29	15	577	6.23	3	5	ND	2	55	1	3	2	76	.49	.094	12	28	.54	174	.30	3	2.80	.02	.15	1	1
STD C/AO-S	16	58	38	130	3.1	67	28	1051	3.89	41	18	8	36	47	16	17	18	56	.48	.090	39	55	.92	174	.07	35	1.87	.06	.13	13	48

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Mn PPM	Co PPM	Ni 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 %	S PPM	Al %	Na %	K %	W PPM	Au* PPM
27+00S 7+00E	1	21	10	117	.1	23	13	701	4.70	3	5	ND	2	41	1	2	2	72	.38	.046	7	32	.52	176	.28	6	2.57	.02	.11	1	43
27+00S 7+25E	1	32	4	155	.1	32	17	1123	7.52	2	5	ND	1	70	1	2	2	88	.70	.094	15	33	.72	150	.39	2	2.89	.02	.13	1	3
27+00S 7+50E	1	19	6	112	.1	19	11	337	4.38	3	5	ND	2	34	1	2	3	65	.33	.026	6	32	.44	116	.34	6	2.23	.02	.09	1	1
27+00S 7+75E	1	29	6	126	.2	29	15	329	5.28	6	5	ND	2	37	1	2	2	80	.35	.092	6	41	.74	165	.33	2	2.92	.02	.14	1	2
27+00S 8+00E	1	16	5	118	.1	18	12	514	4.41	2	5	ND	1	36	1	2	2	70	.33	.033	6	30	.47	126	.33	2	2.13	.02	.09	1	1
27+00S 8+25E	1	19	9	132	.1	23	16	414	5.94	2	5	ND	2	42	1	2	2	98	.38	.044	11	33	.67	87	.42	5	2.09	.02	.15	1	2
27+00S 8+50E	1	16	7	116	.1	18	11	297	4.18	2	5	ND	2	35	1	2	2	64	.33	.029	6	27	.38	90	.35	4	2.01	.02	.12	1	3
27+00S 8+75E	1	14	4	133	.1	18	12	408	4.50	2	5	ND	2	34	1	2	2	72	.33	.028	5	35	.46	102	.40	6	2.17	.03	.12	1	1
27+00S 9+00E	1	13	3	99	.1	14	11	356	3.95	2	5	ND	1	31	1	2	2	65	.29	.021	3	27	.32	71	.38	2	1.47	.02	.07	1	1
27+00S 9+25E	1	11	2	108	.1	15	10	375	3.63	2	5	ND	1	29	1	2	2	57	.28	.022	1	31	.39	83	.33	2	1.94	.02	.09	2	1
27+00S 9+50E	1	19	5	134	.2	31	17	452	5.93	2	5	ND	3	53	2	2	2	88	.50	.046	8	55	.90	121	.42	2	2.93	.03	.14	1	1
27+00S 9+75E	1	17	2	159	.1	28	13	302	4.81	2	5	ND	2	42	1	2	2	68	.39	.047	6	46	.72	133	.35	3	2.90	.03	.10	1	1
27+00S 10+00E	1	19	6	138	.1	22	17	540	5.98	2	5	ND	1	46	1	2	2	88	.43	.040	8	31	.69	108	.42	2	2.15	.02	.13	1	1
28+00S 0+75W	1	6	9	24	.2	4	3	33	.82	2	5	ND	3	24	2	2	2	13	.10	.005	21	6	.20	31	.01	12	.82	.01	.06	2	1
28+00S 0+50W	1	16	6	217	.1	16	11	681	4.15	2	5	ND	1	55	1	2	2	49	.57	.045	6	19	.31	105	.21	4	1.84	.02	.17	1	1
28+00S 0+25W	1	11	3	136	.1	22	13	366	4.78	2	5	ND	2	46	1	2	2	80	.36	.033	7	35	.51	83	.55	2	1.91	.03	.16	1	1
28+00S 0+25E	1	22	7	126	.1	43	22	488	8.15	3	5	ND	2	88	3	3	2	104	1.08	.067	18	46	1.11	52	.65	2	2.77	.03	.19	1	2
28+00S 0+50E	1	22	14	137	.1	22	16	592	5.99	3	5	ND	2	67	1	2	2	59	.66	.050	16	21	.57	104	.33	2	2.49	.02	.19	1	2
28+00S 0+75E	1	7	3	77	.1	9	8	330	2.49	2	5	ND	1	26	1	2	2	36	.22	.024	4	9	.19	109	.14	2	1.88	.02	.09	1	4
28+00S 1+00E	1	15	7	132	.1	23	13	698	4.61	2	5	ND	2	47	2	2	2	56	.46	.026	10	25	.38	121	.28	2	1.78	.02	.30	1	4
28+00S 1+25E	1	12	12	174	.1	18	13	372	5.19	2	5	ND	2	53	1	2	2	68	.45	.066	8	28	.47	105	.32	11	2.88	.02	.21	1	21
28+00S 1+50E	1	22	12	174	.1	21	18	435	7.49	2	5	ND	3	75	1	2	2	79	.76	.092	15	19	.84	124	.42	4	2.70	.02	.22	1	3
28+00S 1+75E	1	13	8	128	.1	16	11	303	5.33	2	5	ND	1	54	1	2	2	61	.59	.042	8	17	.51	96	.33	8	2.42	.02	.12	1	2
28+00S 2+00E	1	25	10	128	.1	33	15	411	6.67	2	5	ND	2	60	1	2	2	74	.58	.048	13	43	.56	73	.29	2	2.53	.04	.09	1	1
28+00S 2+25E	1	20	9	111	.1	33	18	567	6.32	2	5	ND	3	70	2	2	2	75	.67	.053	15	45	.55	84	.31	2	2.51	.03	.07	1	12
28+00S 2+50E	1	30	6	121	.1	58	28	1073	6.95	2	5	ND	1	66	1	2	2	75	.64	.060	14	52	.54	73	.33	2	2.23	.03	.08	1	1
28+00S 2+75E	1	12	11	137	.1	21	14	484	4.62	2	5	ND	1	49	1	2	2	78	.44	.037	5	47	.57	80	.47	4	2.18	.03	.10	1	2
28+00S 3+00E	1	22	11	153	.2	38	17	444	6.57	3	5	ND	2	73	2	2	2	71	.69	.063	14	47	.56	82	.33	2	2.49	.03	.12	1	1
28+00S 3+25E	1	15	11	336	.1	25	14	1046	4.71	3	5	ND	2	56	2	2	3	55	.42	.093	7	17	.38	368	.34	8	2.70	.02	.13	1	1
28+00S 3+50E	1	29	5	147	.1	31	19	599	8.01	2	5	ND	2	73	1	2	2	80	.73	.084	16	29	.63	71	.28	2	2.58	.03	.19	1	2
28+00S 3+75E	1	24	6	188	.1	34	17	538	6.48	2	5	ND	2	98	1	2	2	59	.92	.085	13	27	.45	105	.17	7	2.49	.02	.16	1	2
28+00S 4+00E	1	9	7	109	.1	11	7	306	3.16	2	5	ND	1	41	1	2	2	38	.36	.012	4	18	.22	65	.22	7	1.71	.02	.09	1	1
28+00S 4+25E	1	24	7	130	.1	34	17	641	6.80	2	5	ND	1	60	1	2	2	80	.55	.059	13	35	.32	62	.21	3	2.04	.02	.09	1	1
28+00S 4+50E	1	9	11	152	.1	14	9	317	3.65	2	5	ND	1	41	1	2	2	54	.34	.027	5	14	.27	95	.37	2	1.97	.02	.08	1	2
28+00S 4+75E	1	18	9	157	.1	28	15	537	6.20	2	5	ND	1	65	1	2	2	66	.56	.065	10	30	.46	79	.26	2	2.25	.03	.08	1	1
28+00S 5+00E	1	7	6	155	.3	13	6	195	2.23	2	5	ND	1	27	1	2	2	26	.28	.046	3	12	.20	153	.17	12	2.22	.02	.05	1	1
STD C/AU-5	17	57	42	132	6.7	67	29	1056	4.16	41	15	8	36	47	18	16	19	57	.49	.094	39	56	.94	177	.07	38	2.03	.06	.14	13	49

SAMPLE#	Mo PPM	Co 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	SD PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Cr PPM	Mg %	Ba PPM	Tl %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
29+00S 4+00E	1	16	8	122	.1	19	12	420	5.17	3	5	ND	2	73	1	2	2	70	.61	.062	8	22	.42	59	.36	2	2.23	.02	.10	1	1
29+00S 4+25E	1	9	4	146	.1	24	8	171	2.32	2	5	ND	1	35	1	2	3	26	.28	.068	2	10	.20	118	.15	2	2.80	.02	.06	1	1
29+00S 4+50E	1	16	7	143	.2	30	12	206	3.63	2	7	ND	2	50	1	2	2	40	.43	.109	4	15	.38	71	.16	11	2.79	.02	.11	1	2
29+00S 4+75E	1	20	10	154	.1	29	14	493	5.88	2	5	ND	2	88	1	2	2	58	.87	.059	12	29	.54	62	.21	10	2.57	.02	.17	1	1
29+00S 5+00E	1	7	8	162	.2	13	7	338	2.53	2	5	ND	2	35	1	2	2	38	.30	.024	4	13	.20	66	.16	3	1.80	.02	.11	1	1
29+00S 5+25E	1	22	7	153	.1	32	16	559	6.60	2	5	ND	2	75	1	2	2	69	.79	.040	12	24	.52	79	.26	3	2.38	.02	.27	1	1
29+00S 5+50E	1	18	10	183	.1	21	16	398	7.07	2	5	ND	2	72	1	2	2	86	.71	.066	12	20	.66	119	.43	2	2.54	.02	.17	1	1
29+00S 5+75E	1	17	8	88	.2	20	12	377	4.56	2	5	ND	2	43	1	2	2	69	.45	.021	9	29	.41	61	.34	2	1.71	.03	.17	1	2
29+00S 6+00E	1	52	12	195	.3	26	25	923	11.26	3	5	ND	4	110	3	2	2	123	.93	.222	14	26	1.36	62	.94	7	1.97	.03	.22	1	1
29+00S 7+00E	1	37	9	122	.2	42	19	520	6.03	3	5	ND	3	53	2	2	2	83	.65	.049	12	55	.74	150	.27	2	2.66	.03	.15	1	1
29+00S 7+25E	1	29	8	120	.1	32	17	380	5.80	4	5	ND	3	47	1	2	2	85	.50	.061	13	42	.62	119	.33	2	2.25	.03	.14	1	1
29+00S 7+50E	1	43	11	90	.1	38	16	441	5.25	2	5	ND	2	47	1	2	2	91	.57	.040	9	54	1.01	110	.34	7	2.52	.03	.29	1	7
29+00S 7+75E	1	23	8	108	.1	27	14	278	4.99	2	5	ND	2	36	1	3	2	80	.36	.028	6	39	.61	88	.38	9	2.12	.04	.09	2	9
29+00S 8+00E	1	46	9	143	.2	49	23	683	6.54	4	5	ND	3	46	1	2	2	100	.49	.043	12	57	.61	93	.34	2	2.60	.03	.12	1	1
29+00S 8+25E	1	31	11	147	.1	69	23	727	7.03	2	5	ND	3	59	1	2	2	83	.65	.044	11	60	1.21	99	.37	8	3.54	.05	.11	1	1
29+00S 8+50E	1	21	7	109	.2	24	13	434	5.12	2	5	ND	2	39	1	2	3	85	.37	.024	7	35	.49	77	.42	4	1.71	.03	.08	1	1
29+00S 8+75E	1	26	7	113	.1	31	15	418	5.81	2	5	ND	8	49	1	2	2	84	.45	.044	8	39	.56	85	.39	2	2.29	.02	.08	1	1
29+00S 9+00E	1	19	7	111	.1	23	9	270	3.39	2	5	ND	1	26	1	2	2	55	.27	.045	3	34	.47	128	.22	2	1.99	.01	.08	1	6
29+00S 9+25E	1	22	9	97	.1	25	12	283	4.41	2	5	ND	2	33	1	2	2	80	.32	.039	5	42	.67	111	.34	2	2.30	.02	.09	1	1
29+00S 9+50E	1	26	3	114	.1	25	12	339	4.38	2	5	ND	3	34	1	2	2	74	.35	.042	6	41	.69	134	.28	2	2.37	.01	.10	1	14
29+00S 9+75E	1	21	8	106	.1	26	13	327	4.49	2	5	ND	2	35	1	2	2	82	.36	.047	5	37	.58	133	.34	7	2.63	.02	.10	1	1
29+00S 10+00E	1	22	4	95	.1	22	10	290	4.08	2	5	ND	1	36	1	2	2	70	.35	.031	5	36	.46	107	.34	4	2.05	.02	.07	1	1
30+00S 1+00W	1	10	6	49	.1	5	6	173	1.08	2	5	ND	2	25	1	2	3	17	.14	.010	8	10	.19	109	.05	7	1.08	.01	.09	2	1
30+00S 0+75W	2	4	6	45	.1	3	3	263	.41	3	5	ND	1	15	1	2	2	7	.12	.008	3	3	.06	69	.02	9	.56	.01	.05	2	1
30+00S 0+50W	1	5	6	19	.1	4	3	63	.66	2	5	ND	1	20	1	2	5	12	.12	.004	6	5	.12	58	.01	2	.63	.01	.04	1	1
30+00S 0+25W	1	13	10	155	.1	20	13	348	4.14	2	5	ND	2	41	1	2	2	65	.32	.025	6	24	.48	160	.51	2	2.24	.02	.16	1	1
30+00S 0+25E	1	13	7	110	.1	19	10	369	2.57	2	5	ND	2	50	1	2	2	39	.40	.118	8	11	.21	101	.15	6	1.42	.02	.04	1	1
30+00S 0+50E	1	28	6	170	.1	32	21	771	8.53	2	5	ND	3	87	1	2	2	88	.88	.068	13	21	.70	85	.41	2	2.44	.02	.33	1	1
30+00S 0+75E	1	10	8	99	.1	13	10	304	3.54	2	5	ND	1	37	1	2	2	60	.32	.020	3	26	.33	84	.34	2	1.74	.02	.06	1	1
30+00S 1+00E	1	35	14	179	.1	46	27	1125	9.01	2	5	ND	4	121	1	2	2	71	1.11	.066	17	25	.55	153	.17	4	2.98	.03	.18	1	2
30+00S 1+25E	1	11	9	118	.1	17	9	400	4.25	2	5	ND	2	57	1	2	2	60	.52	.025	5	26	.37	74	.35	2	1.91	.02	.10	1	1
30+00S 1+50E	1	32	6	82	.1	31	14	355	6.21	2	5	ND	2	85	1	2	2	65	.93	.044	35	33	.69	80	.26	3	2.40	.02	.09	1	1
30+00S 1+75E	1	20	9	246	.1	18	10	2739	3.08	2	5	ND	2	62	1	2	3	38	.47	.216	7	9	.20	357	.13	4	1.87	.02	.09	1	1
30+00S 2+00E	1	28	7	149	.1	49	19	494	7.09	2	5	ND	3	79	1	2	2	68	.86	.084	14	45	.83	88	.34	2	2.63	.03	.09	1	1
30+00S 2+25E	1	21	11	190	.1	25	11	493	3.15	3	5	ND	2	72	1	2	2	30	.49	.529	6	16	.31	283	.13	5	3.03	.02	.11	1	1
30+00S 2+50E	1	26	7	142	.2	42	17	712	5.76	2	5	ND	2	66	1	2	2	65	.62	.083	13	41	.56	110	.26	2	2.46	.02	.13	1	1
STD C/AU-S	17	59	37	133	6.6	68	29	1065	4.11	39	21	8	38	47	18	15	20	57	.49	.091	39	56	.94	177	.07	42	1.97	.06	.14	11	48

SAMPLE#	Mo PPM	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Ni PPM	Co PPM	Mn PPM	Fe %	As PPM	U PPM	Au PPM	Th PPM	Si PPM	Cd PPM	Bd PPM	Bi PPM	V PPM	Ca %	P %	La PPM	Ce PPM	Mg %	Ba PPM	Ti %	B PPM	Al %	Na %	K %	W PPM	Au* PPB
B/L 0+00 27+75AB	1	7	10	99	.1	8	6	386	2.07	2	5	ND	2	25	1	2	3	37	.16	.036	3	13	.20	123	.17	2	1.40	.02	.06	1	1
B/L 0+00 28+00S	1	29	16	136	.2	18	18	432	8.52	2	5	ND	4	61	1	2	4	93	.51	.084	16	13	.90	63	.61	2	2.45	.02	.09	1	1
B/L 0+00 28+25S	1	20	10	118	.1	30	19	542	6.06	2	5	ND	2	53	1	2	2	90	.41	.032	15	33	.71	74	.51	2	1.89	.03	.26	1	1
B/L 0+00 28+50S	1	17	19	134	.1	20	12	334	4.45	2	5	ND	3	42	1	2	2	69	.35	.039	8	36	.45	94	.28	2	2.13	.02	.11	1	4
B/L 0+00 28+75S	1	13	19	222	.3	16	9	281	3.86	2	8	ND	4	49	1	2	4	49	.39	.055	6	18	.35	120	.32	5	2.49	.02	.08	1	1
B/L 0+00 29+00S	1	26	16	119	.3	35	20	544	6.87	2	5	ND	2	61	1	2	2	88	.61	.054	16	35	.80	52	.47	2	2.33	.03	.22	1	2
B/L 0+00 29+25S	1	40	15	130	.4	30	26	752	9.79	2	5	ND	5	89	1	2	2	93	.93	.097	22	18	1.07	53	.41	2	2.52	.02	.11	1	3
B/L 0+00 29+50S	1	27	16	149	.1	40	25	842	7.55	2	5	ND	2	82	1	2	2	76	.87	.066	19	37	.63	87	.27	2	2.55	.04	.11	1	1
B/L 0+00 29+75S	1	21	17	180	.4	31	19	528	6.21	2	5	ND	3	68	2	2	2	75	.62	.056	9	24	.64	84	.23	2	2.55	.03	.09	1	1
B/L 0+00 30+00S	1	11	17	190	.2	31	10	437	3.15	2	5	ND	1	54	1	2	5	42	.42	.073	5	22	.31	158	.25	2	3.04	.02	.11	1	2
STD C/AD-S	19	62	40	130	7.0	72	30	1044	4.21	43	17	8	40	49	19	17	19	61	.49	.093	41	59	.95	182	.07	36	2.02	.07	.15	12	47

APPENDIX B

ROCK SAMPLE DESCRIPTIONS AND ANALYTICAL RESULTS

SAMPLE NUMBER	LOCATION	SAMPLE DESCRIPTION					
Cu (ppm)	Mo (ppm)	Pb (ppm)	Zn (ppm)	Ag (ppm)	As (ppm)	Au (ppb)	
RX 039938	21+25S, 4+50E	Chip sample across 50 cm that includes 40 cm thick quartz vein with wallrocks of mafic volcanic gouge from trench 8m x 2m deep x 2 to 3m wide, located about 5m downslope from RX 139939.					
58	1	6	38	.4	343	15	
RX 039939	21+25S, 4+65E	Grab of highly fractured and brecciated mafic volcanics with quartz matrix breccia cut by quartz veinlets and veins; exposed in trench 2m x 3m x 4m located 20 m downslope from RX 039940.					
62	3	24	13	.2	2018	29	
RX 039940	21+25S, 4+75E	Grab of massive, vuggy, grey cryptocrystalline quartz vein or replacement lens with gypsum crystals lining vugs; hosted in mafic augite (?) porphyry.					
34	1	7	33	.4	607	5	
RX 039941	21+20S, 4+50E	Composite grab of pyrite and arsenopyrite-bearing quartz vein material from boulders at base of slope with trenched showings.					
23	2	13	12	.2	2308	30	
RX 039942	23+00S, 5+34E	Grab of clay and sericite altered footwall to slump scarp.					
56	1	7	49	.1	16	13	
RX 039943	23-50A, 0+42E	Float of quartz-calcite veins at base of slope of bleached Nicola Volcanics.					
28	2	2	16	.1	13	2	
RX 039944	23+00S, 5+35E	1m chip (0m to 1m) across 4m wide slump scarp of highly fractured limonitic, chloritic and argillically altered mafic Nicola volcanics.					
63	1	7	32	.1	8	61	
RX 039947	25+90S, 1+05E	Float of massive white and honey cryptocrystalline quartz.					
23	2	2	14	.1	38	4	

RX 039953	22+95S, 5+30E	Composite grab of quartz vein material cutting altered Nicola volcanics; 10m below RX 039942.
30	3 2 3	.3 9 33
RX 039955	24+20S, 3+80E	Composite grab of subcrop float of calcareous and chloritic mafic Nicola volcanics.
58	4 6 98	.9 52 60
RX 039958	20+25S, 4+75E	Zone C; quartz-calcite-ankerite (?) vein in carbonatized Zone C with minor disseminated pyrite and very minor chalcopyrite, malachite and azurite; 3020' a.s.l.
2213	1 5185 8464	38.3 89 1020
RX 039960	23+00S, 5+35E	1m chip (1m to 2m) across 4m wide slump scarp of highly fractured limonitic, chloritic and argillically altered mafic Nicola volcanics.
111	1 35 115	.1 15 54
RX 039961	23+00S, 5+35E	1m chip (2m to 3m) across 4m wide slump scarp of highly fractured, limonitic, chloritic and argillically altered mafic Nicola volcanics.
68	1 8 57	.1 13 65
RX 039962	23+00S, 5+35E	1m chip (3m to 4m) across 4m wide slump scarp of highly fractured limonitic, chloritic and argillically altered mafic Nicola volcanics cut by quartz veinlet stockwork 1mm to 2cm thick and spaced several cm apart.
42	1 9 46	.1 7 32
RX 039963	21+80S, 2+25E	Zone B: Grab of massive white quartz vein, fractured with ankerite-calcite veinlets.
46	3 7 27	.1 16 4
RX 039967	23+20S, 1+00E	Float at 933m a.s.l. of coarse grained white calcite vein, 6 cm thick with a chlorite envelope developed in the wallrock.
3	1 3 3	.2 3 1
RX 039970	1+00N, 1+26E	Chloritic, calcareous actinolite tactite with minor disseminated pyrite and stringer veinlets of siderite.
130	2 8 45	.1 8 1

GEOCHEMICAL ANALYSIS CERTIFICATE

EPI-GNOME-YARD

ICP - .500 GRAM SAMPLE IS DIGESTED WITH JMS 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 NH PP SR CA P LA CR NG BA PT B F AND LIMITED FOR NA K AND AL. NO DETECTION LIMIT BY ICP IS 3 PPM. - SAMPLE TYPE: ROCK APT ANALYSIS BY ACID LEACH/AL FROM 10 GR SAMPLE.

DATE RECEIVED: JULY 01 1988

DATE REPORT MAILED: July 13/88

ASSAYER: C. Leong D. TOYE OR C. LEONG, CERTIFIED B.C. ASSAYERS

INCO GOLD COMPANY PROJECT-60805-60806-14030 File # 88-2534

Table with columns: SAMPLE#, No 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, Zn* PPM. Rows include sample numbers 039938 through 039971 and STD C/AU-R.

EPI

EPI

EPI

EPI

EPI

EPI

EPI

EPI

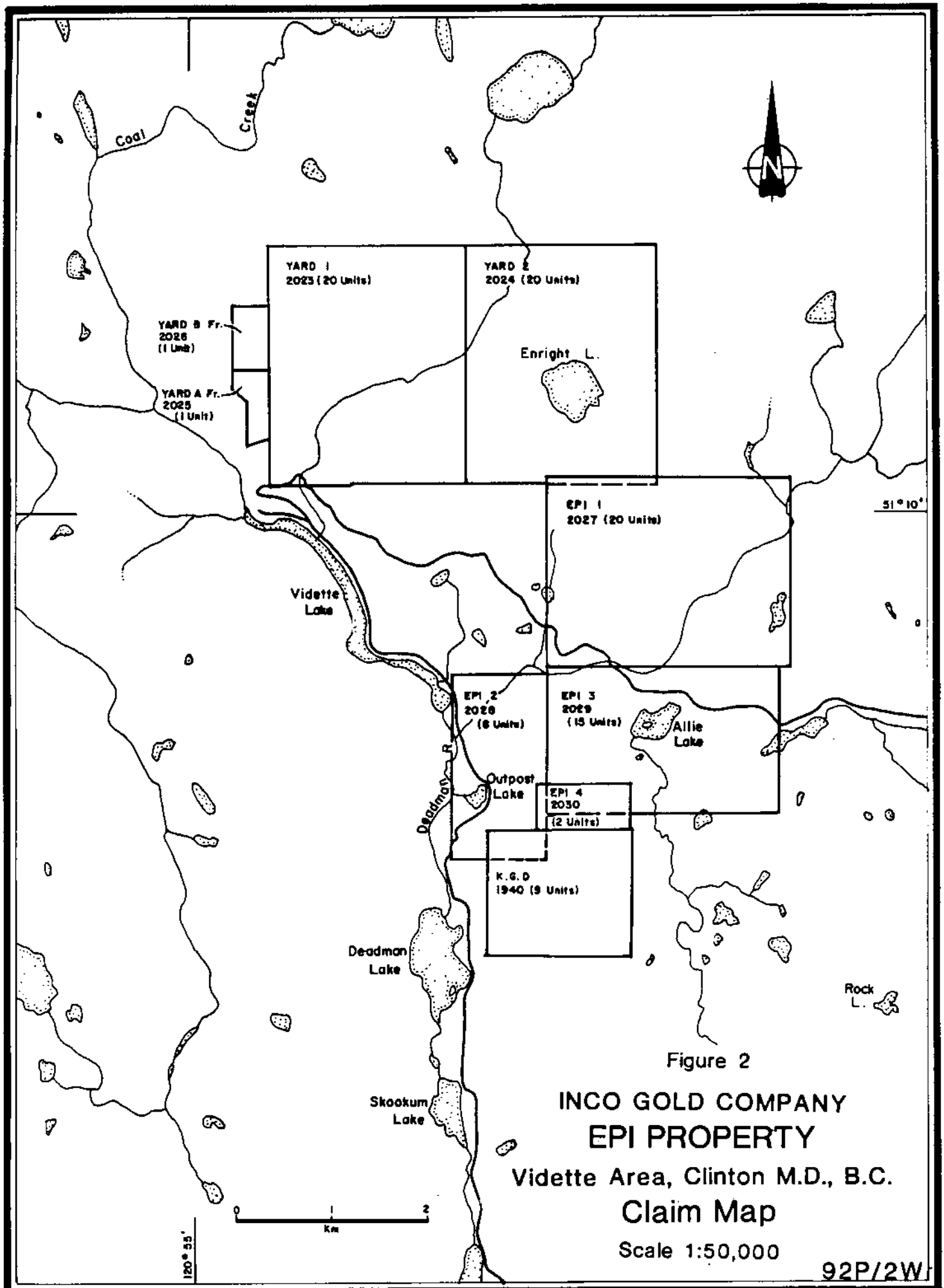
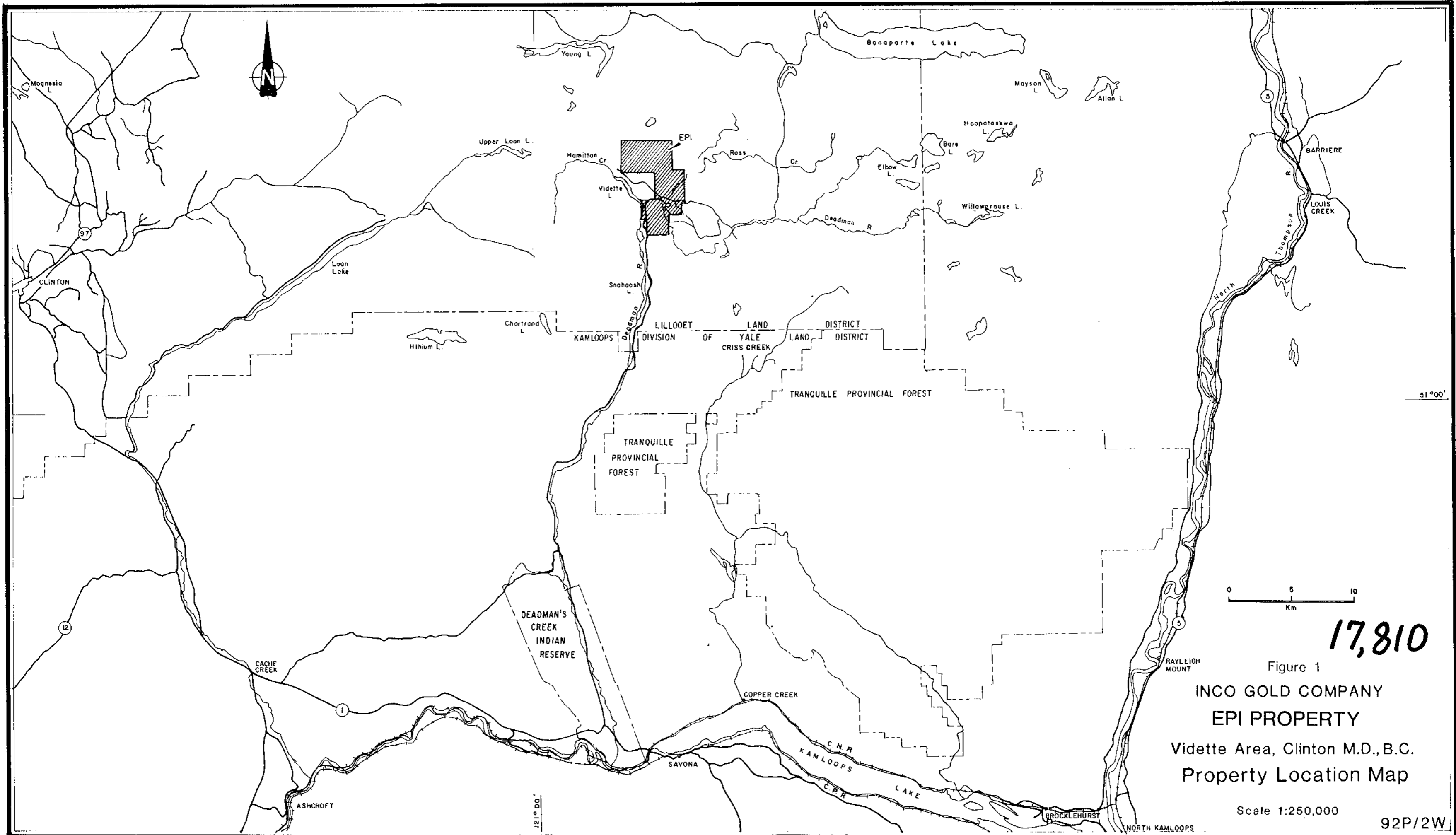


Figure 2
INCO GOLD COMPANY
EPI PROPERTY
 Vidette Area, Clinton M.D., B.C.
Claim Map
 Scale 1:50,000
 92P/2W



17,810

Figure 1
 INCO GOLD COMPANY
 EPI PROPERTY
 Vidette Area, Clinton M.D., B.C.
 Property Location Map

Scale 1:250,000

92P/2W



MAGNETIC DECLINATION 20°30'
ANNUAL CHANGE - 4"

YARD 1

YARD 2

GNOME

TO VIDETTE MINE
W.N.W.

LEGEND

MIOCENE

- 1 PLATEAU LAVA
Porphyritic olivine basalt.
- 4 DEADMAN RIVER FORMATION
Pebble conglomerate, siltstone.

UNCONFORMITY

CRETACEOUS

- 3 SILICEOUS CAP
Silicified Nicola, minor chalcedony matrix breccia, rare layered pool sinter.

UNCONFORMITY

TRIASSIC or JURASSIC

- 2 TILUYA BATHOLITH
Biotite hornblende granodiorite.

INTRUSIVE CONTACT

LATE TRIASSIC

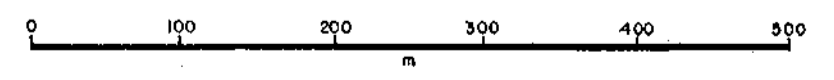
- 1 NICOLA GROUP
Andesitic tuff (tuff, augite phenocrysts common) a - argillized ± silicified
b - carbonatized (mainly ankerite)
c - chloritic, calcareous
d - actinolite facies
e - diopside-garnet ± actinolite facies

SYMBOLS

- Fx Floot
- Trail
- Floot of unit 3
- Floot of unit 1a cut by quartz veins
- Outcrop of bedrock, large and small.
- Direction of drainage, minor and major.
- ~ Schistosity, inclined and vertical
- Road, secondary graded and bush.
- River
- Swamp, marsh
- Adit, Trench
- Burchole
- Legal claim post, claim post.
- △ Site of stored drill core
- Cliff (mainly outcrop below ledge)
- Fault
- Air photo linear
- Building
- rx 039937 Rock sample location.
- Geological contact - observed
- Geological contact - inferred.

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

17,810



INCO GOLD		Copper Cliff, Ontario POM 110	
INCO GOLD COMPANY, A UNIT OF INCO LIMITED		Project: EPI OPTION	
Area: Vidette L., Clinton M.D., B.C.		SHEET	
GEOLOGY and SAMPLE LOCATION MAP		FIGURE	
Supervisor: WIM GROENEWEG		Instrument:	
Compiled by: J. A. MORIN		Date drawn: August 1988	
Scale: 1 : 5 000		File:	
		Survey date:	
		Revised:	
		N.T.S. 92 P / 2 W.	



YARD 1

YARD 2

GNOME

LEGEND

MIOCENE

- 1 PLATEAU LAVA
Porphyritic olivine basalt
- 4 DEADMAN RIVER FORMATION
Pebble conglomerate, siltstone

CRETACEOUS

- 3 SILICEOUS CAP
Silicified Nicola, minor chalcidony matrix breccia, rare layered pool sinter

TRIASSIC or JURASSIC

- 2 TRILITA BATHOLITH
Biotite hornblende granodiorite

LATE TRIASSIC

- 1 NICOLA GROUP
Andesitic tuff, augite phenocrysts common
- a - argillized & silicified
- b - carbonized (mainly ankerite)
- c - chloritic, calcareous
- d - actinolite facies
- e - diopside-garnet & actinolite facies

SYMBOLS

- Fx Floot
- Trail
- Floot of unit 3
- Floot of unit 1a cut by quartz veins
- Outcrop of bedrock, large and small
- Direction of drainage, minor and major
- Schistosity, inclined and vertical
- Road, secondary graded and bush
- River
- Swamp, marsh
- Adit, Trench
- Borehole
- Legal claim post, claim post
- Site of stored drill core
- Cliff (mainly outcrop below ledge)
- Fault
- Air photo linear
- Building
- Rock sample location
- Geological contact - observed
- Geological contact - inferred

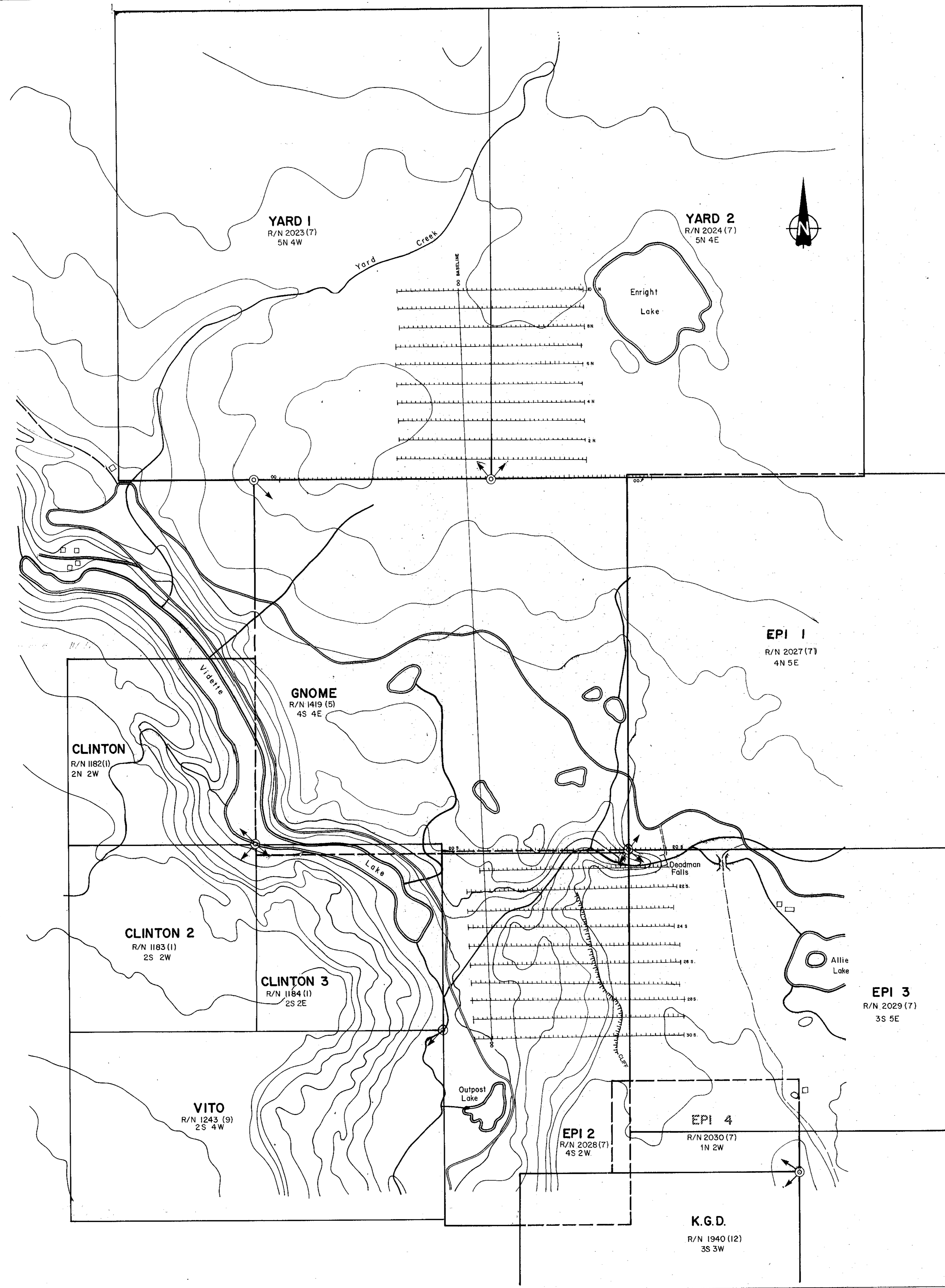
**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

17,810

9, 2, 4, 37, 1, 7, 26 Cu, Mo, Pb, Zn, Ag, As, Au ppm ppb



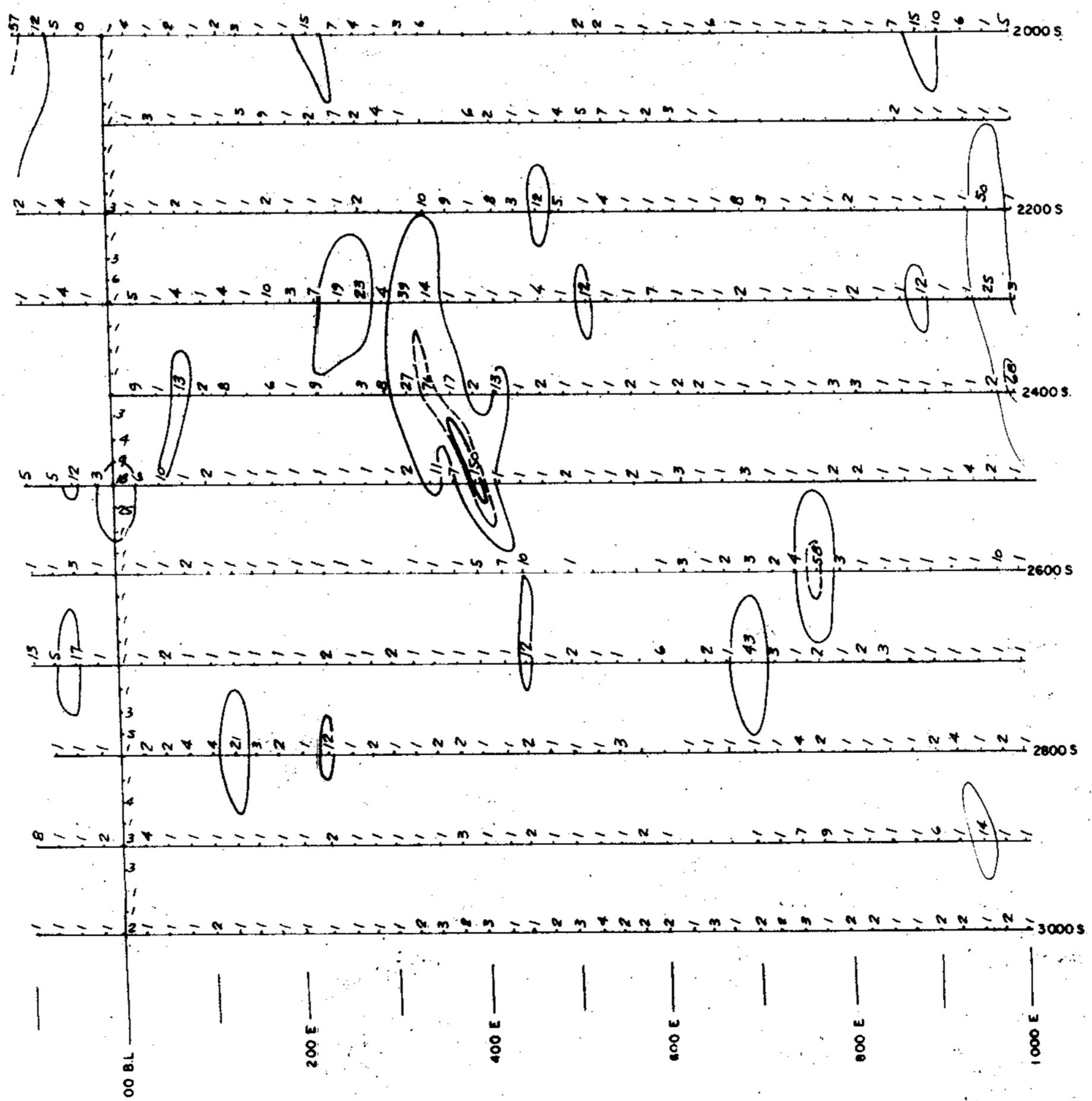
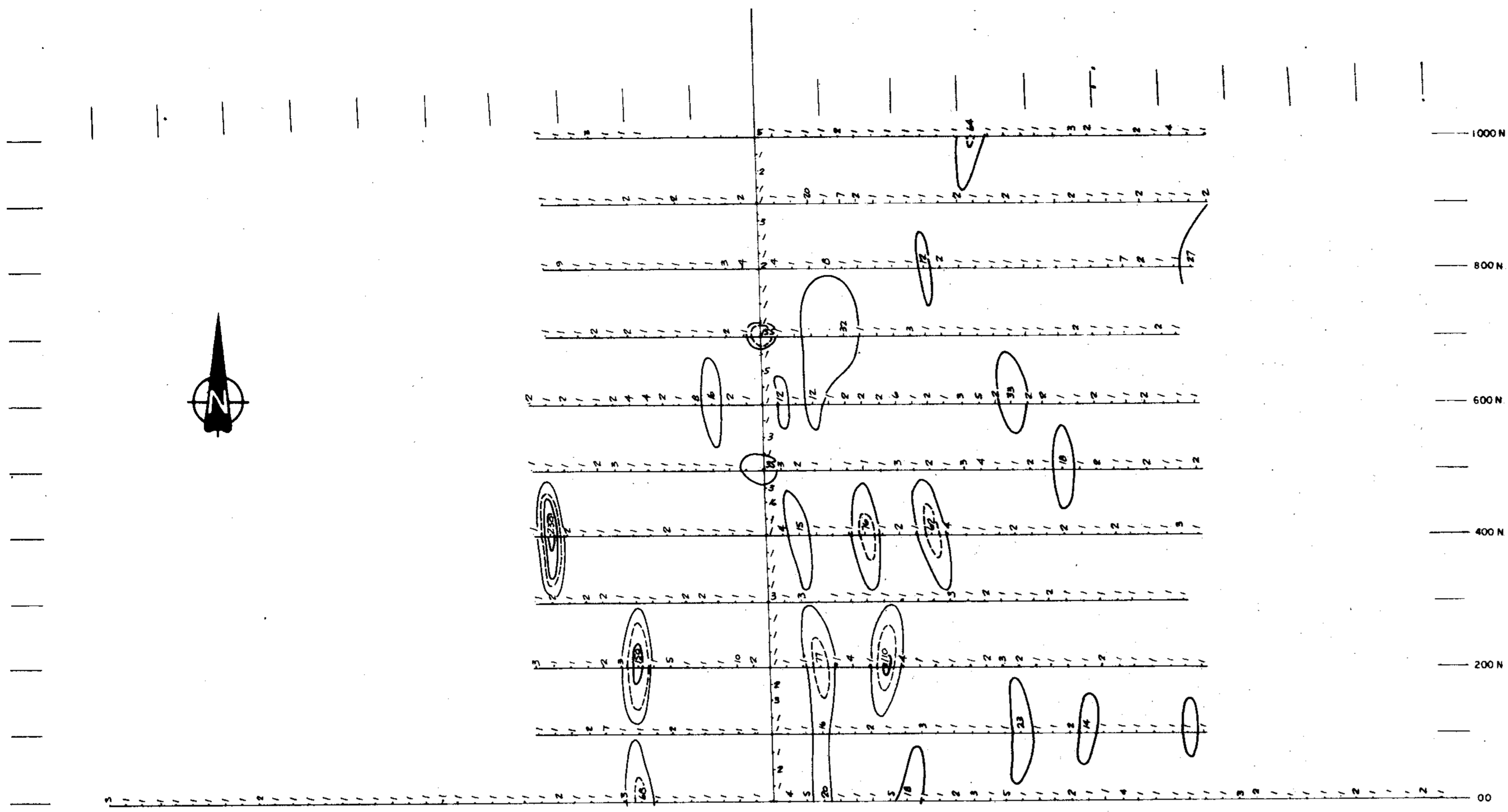
INCO GOLD		Copper Cliff, Ontario PQM 110	
Project: EPI OPTION		Area: Vidette L., Clinton M.D., B.C.	
ROCK SAMPLE SURVEY - COPPER, MOLYBDENUM LEAD, ZINC, SILVER, ARSENIC & GOLD			FIGURE 3a
Supervisor: WIM GROENEWEG	Instrument:	Survey date:	
Compiled by: J. A. MORIN	Drawn by: RON JOHNSON	Date drawn: August 1988	Revised:
Scale: 1 : 5 000	File:	N.T.S. 92 P / 2 W.	



GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,810

INCO GOLD		Copper Cliff, Ontario POM 1N0	
INCO GOLD COMPANY, A UNIT OF INCO LIMITED		Area: Vidette L., Clinton M.D., B.C.	
Project: EPI OPTION		SHEET	FIGURE
GRID LOCATION MAP			4
Supervisor: WIM GROENEWEG	Instrument:	Survey date:	
Compiled by: J. A. MORIN	Drawn by: RON JOHNSON	Date drawn:	Revised:
Scale: 1:10000	File:	N.T.S. 92 P / 2 W	



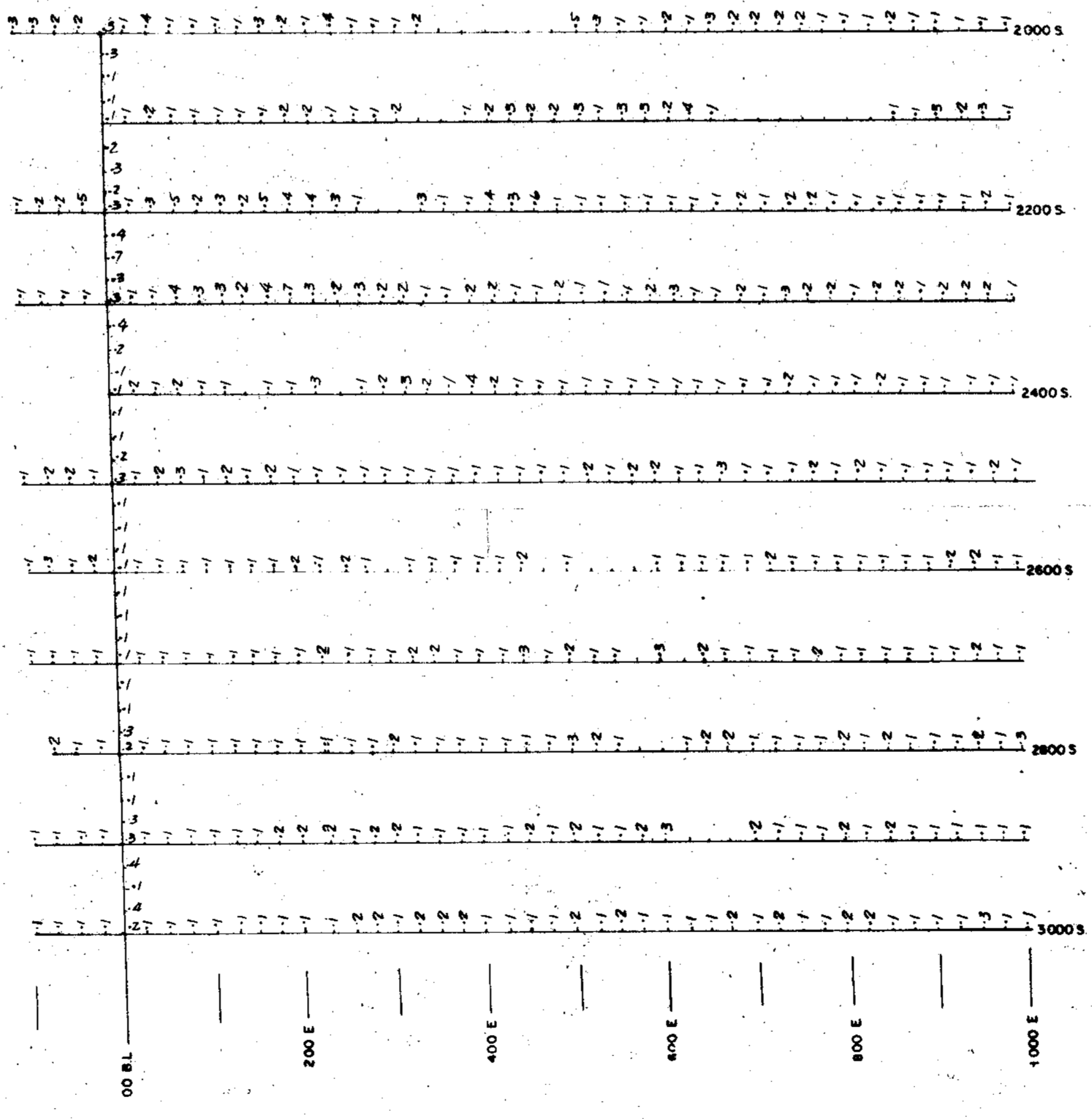
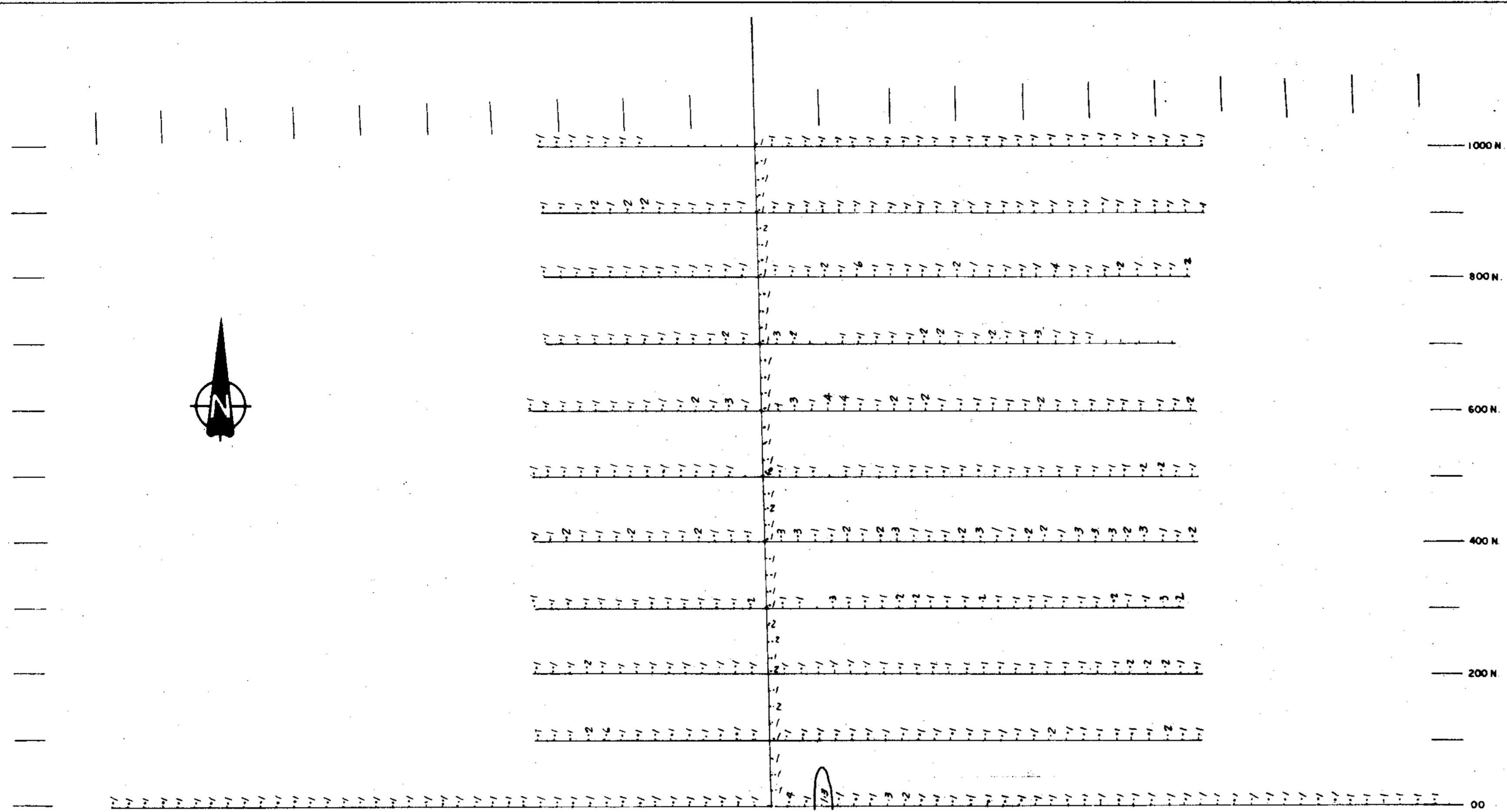
CONTOUR INTERVAL - 10 ppb, 50 ppb, 100 ppb, 200 ppb, 300 ppb

- 10 ppb
- - - 50 ppb
- 100 ppb

GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,810

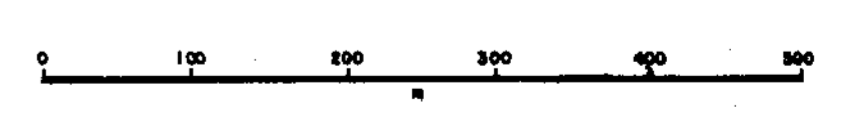
INCO GOLD		Copper Cliff, Ontario POM 1100	
INCO GOLD COMPANY, A UNIT OF INCO LIMITED		Area: Vidette L., Clinton M.D., B.C.	
Project: EPI OPTION		SHEET	
SOIL SAMPLE SURVEY - Gold (ppb)		FIGURE	
Supervisor: WIM GROENEWEG		Instrument:	
Compiled by: J. A. MORIN		Date drawn: August 1968	
Scale: 1:5000		File:	
		N.T.S. 92 P / 2 W.	



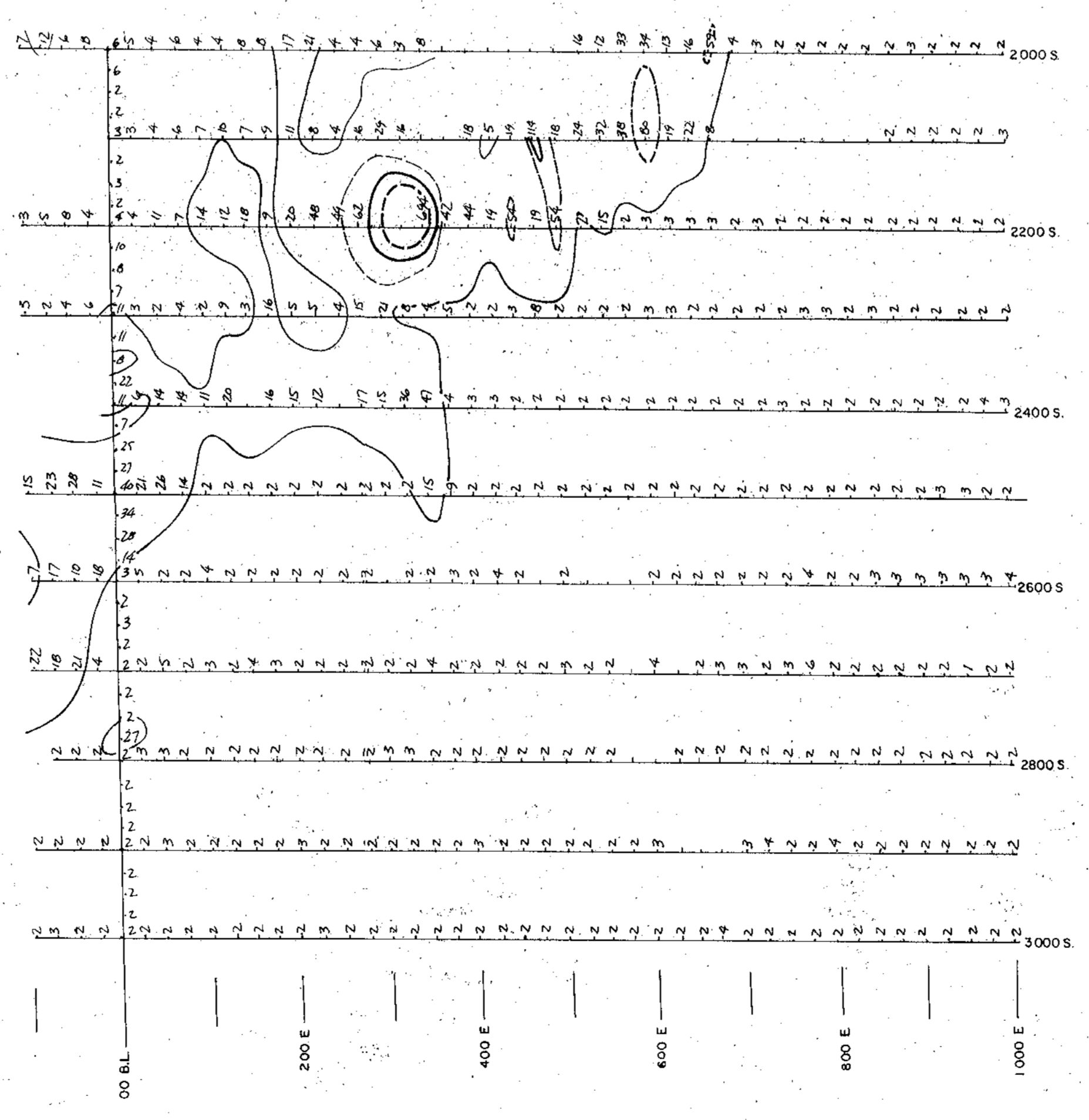
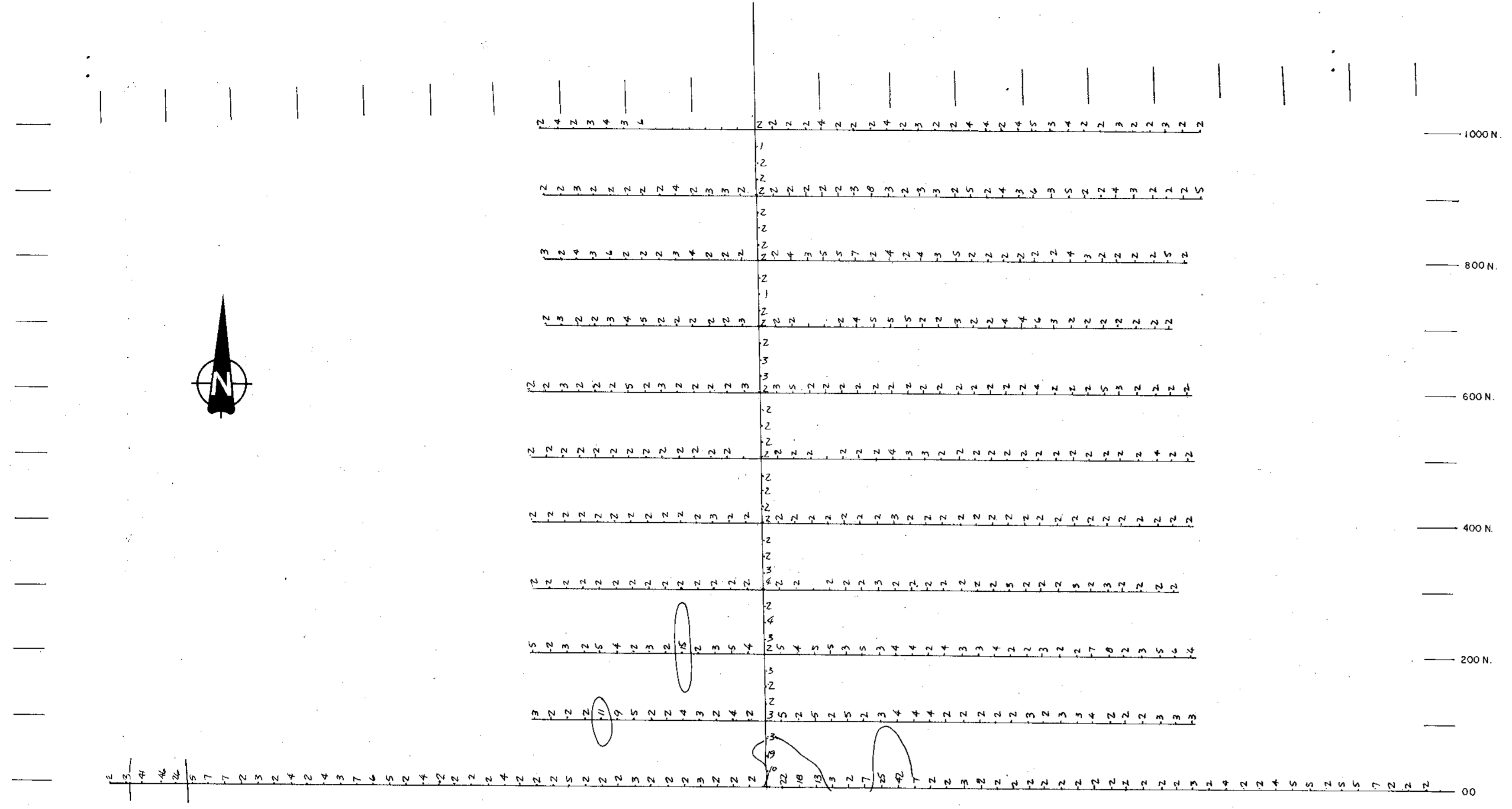
Contour Interval - 1 ppm Ag

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

17,810



INCO GOLD		Copper Cliff, Ontario POM 110	
INCO GOLD COMPANY, A UNIT OF INCO LIMITED			
Project: EPI OPTION	Area: Vidette L., Clinton M.D., B.C.		
SOIL SAMPLE SURVEY - Silver (ppm)			SHEET 4b
Supervisor: WM BROENEWEG	Instrument:	Survey date:	
Compiled by: J. A. MORRIS	Drawn by: RON JOHNSON	Date drawn: August 1988	Revised:
Scale: 1:5000	File:	N.T.S. 92 P / 2 W.	

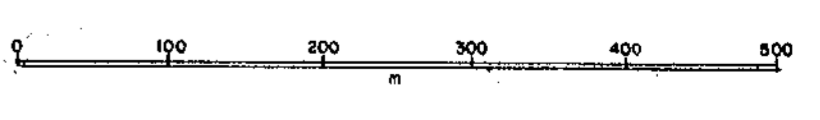


CONTOUR INTERVAL - 10 ppm As, 50 ppm, 100 ppm, 500 ppm As

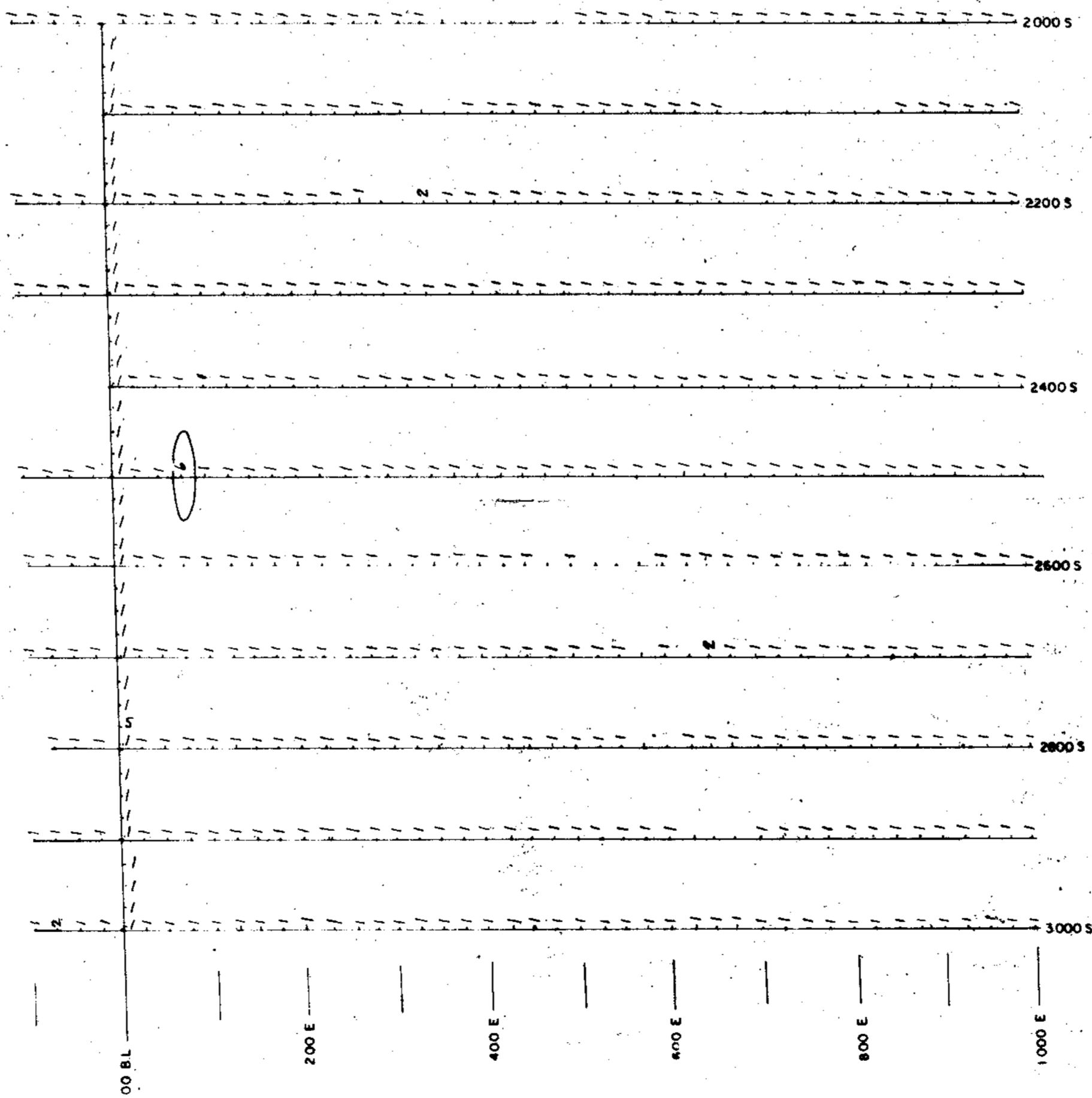
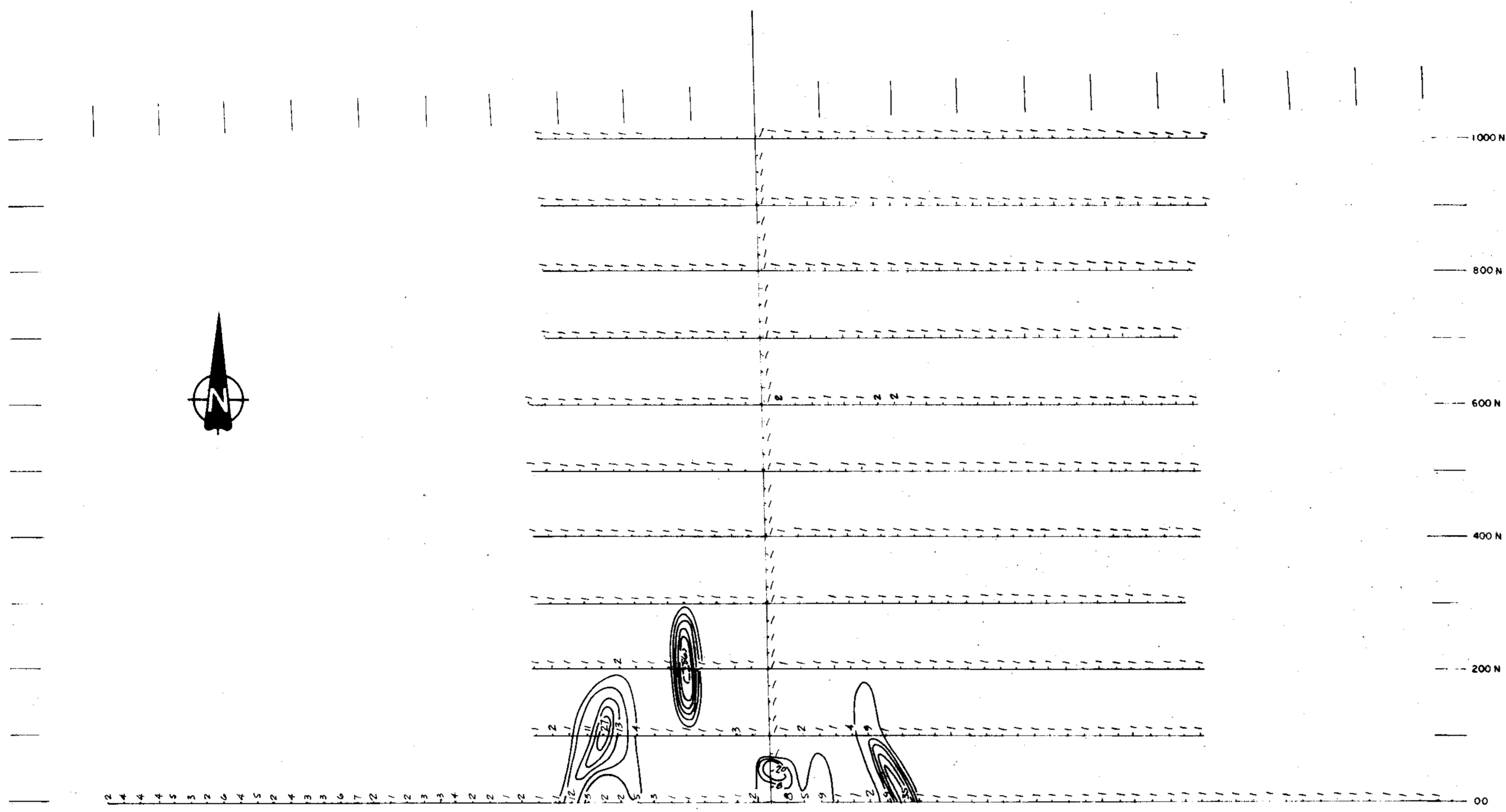
- - - - - 10 ppm
 - - - - - 50 ppm
 - - - - - 100 ppm
 - - - - - 500 ppm

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

17,810



INCO GOLD		Copper Cliff, Ontario POM 1100	
INCO GOLD COMPANY, A UNIT OF INCO LIMITED			
Project: EPI- OPTION		Area: Vidette L., Clinton M.D., B.C.	
SOIL SAMPLE SURVEY - Arsenic (ppm)			SHEET 4c
Supervisor: WIM GROENEWEG	Instrument:	Survey date:	
Compiled by: J. A. MORIN	Drawn by: RON JOHNSON	Date drawn: August 1988	Revised:
Scale: 1:5000	File:	N.T.S. 92 P / 2 W.	



GEOLOGICAL BRANCH
ASSESSMENT REPORT

17,810

CONTOUR INTERVAL - 5, 10, 15, 20, 25 and 50 ppm.
 ——— 5 to 25 ppm
 - - - - - 50 ppm



INCO GOLD		Copper Cliff, Ontario POM 110	
INCO GOLD COMPANY, A UNIT OF INCO LIMITED			
Project: EPI OPTION	Area: Vidette L., Clinton M.D., B.C.		
SOIL SAMPLE SURVEY - Molybdenum (ppm)			FIGURE 4 d
Supervisor: WM GROENEWEG	Instrument:	Survey date:	
Compiled by: J. A. MORIN	Drawn by: RON JOHNSON	Date drawn: August 1968	Revised:
Scale: 1:5000	File:	N.T.S. 92 P / 2 W	