LOG NO: 1209 RD.
ACTION:
FILE NO: 87-857-16596

ASSESSMENT REPORT

Linecutting, Geophysics, Geochemistry, Geology and Diamond Drilling

on the

FILMED

CM 1-6 Mineral Claims

Kamloops Mining Division

N.T.S. 92P/8E

51°18'31" 120°07'20"

SUB-RECORDER
RECEIVED
DEC 4 1987
M.R. # ..... $ .....
VANCOUVER, B.C.

Owner : BP Minerals Limited
Operator: BP Resources Canada Limited

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,596

R. Farmer
Project Geologist
November, 1987.

Dr. S.J. Hoffman
Senior Geochemist

BPVR 87-11

SUMMARY

An integrated program consisting of linecutting, geological mapping, ground geophysics, geochemistry and diamond drilling were carried out on the CM 1-6 mineral claims.

A total of 7.3 line kilometres of grid was established on the north end of a pre-existing grid (grid C, 1986 Assessment Report, R. Farmer). A program consisting of Max/Min II EM, soil geochemistry and geological mapping was then carried out on the grid.

The purpose of the survey was to identify and extend known massive sulphide mineralization exposed in old trenches.

During the course of mapping the grid a zone of intense quartz/carbonate veining was identified which carries values in gold (hereafter termed 'Gold Zone').

Two diamond drill holes were drilled to test the known portions of the vein system, with disappointing results.

RECOMMENDATIONS

1. Expand the grid to the west and south to detail the soil anomalies identified off the present grid.

2. Carry out detailed prospecting and soil sampling to the southwest of the 'Gold Zone' to extend the vein system and identify areas of more consistent values.

3. Carry out a Max/Min EM survey in the area of hole CM-87-2 utilizing a 200 metre coil separation to identify the massive sulphides interesected in the drill hole, and to provide targets for additional drilling.

4. Expand the EM coverage to include the newly identified soil anomalies.

5. Trench or diamond drill all favourable targets.

TABLE OF CONTENTS

LIST OF APPENDICES

LIST OF FIGURES

INTRODUCTION

During 1987 a followup program consisting of; linecutting, ground geophysics, geochemistry and diamond drilling was carried out on the CM 1-6 mineral claims.

The work was carried out between May 20th and September 10th, 1987.

The purpose of the surveys was to test the strike potential of the known showings in the main zone as well as to follow up and test the newly identified Gold Zone.

A total of 7.3 line kilometres of grid were established and 6.6 km surveyed by ground geophysics and 563 soil samples collected.

Two diamond drill holes for a total of 242.99 metres were drilled.

This report describes the surveys and results.

LOCATION AND ACCESS

The CM claims are located near Chinook Mountain approximately 15 kilometres north of Barriere, B.C. (Figure 1). The geographic centre of the claims is at latitude 51°18' north and longitude 120°07' west on N.T.S. map sheet 92P8E.

Access to the property is gained via the Dunn Lake Road from Barriere, B.C. After following the Dunn Lake Road for approximately 17 kilometres a right turn is made onto the Cold Creek logging road which follows Newhykulston Creek. It is approximately two kilometres to the property from this point.

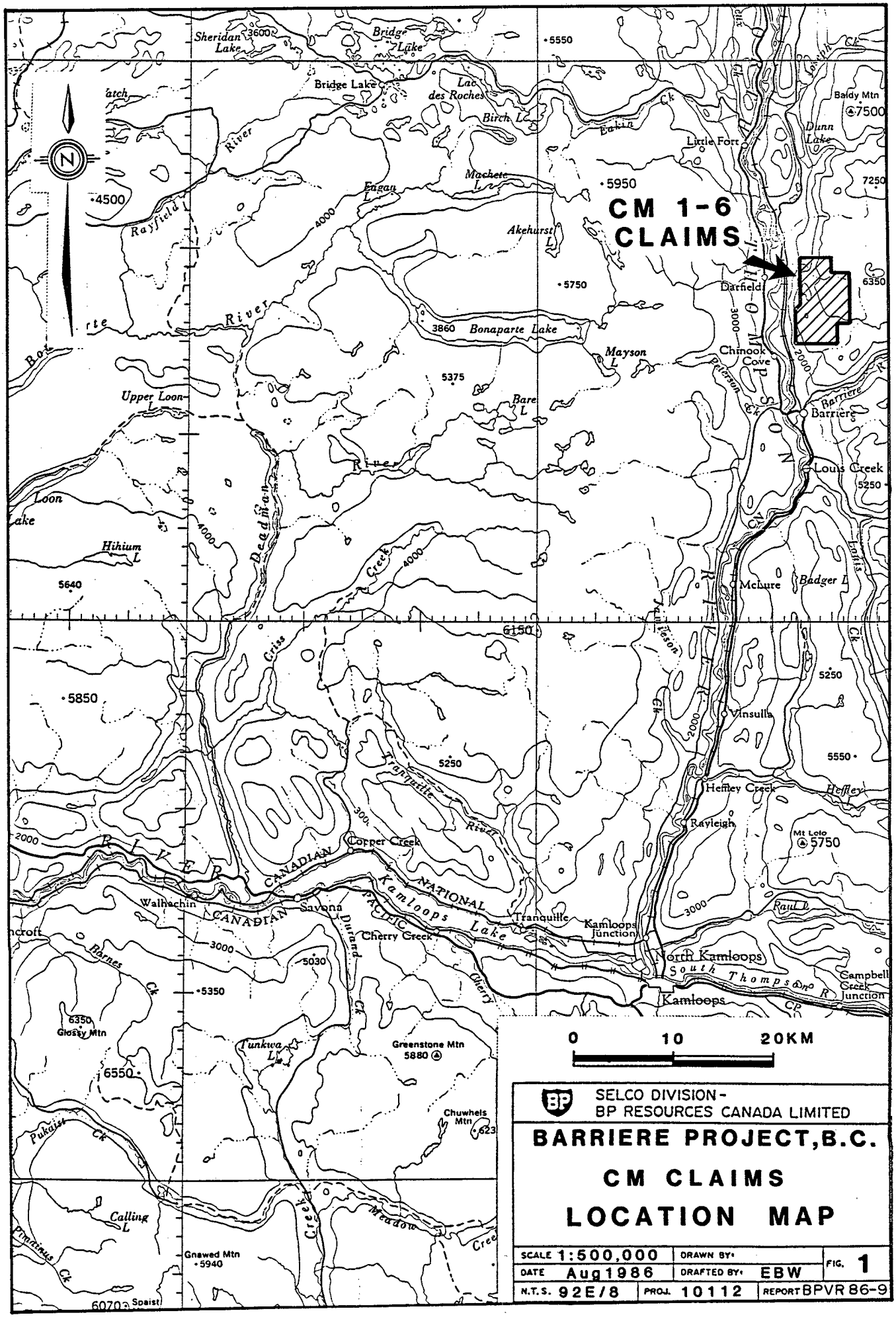
TOPOGRAPHY AND VEGETATION

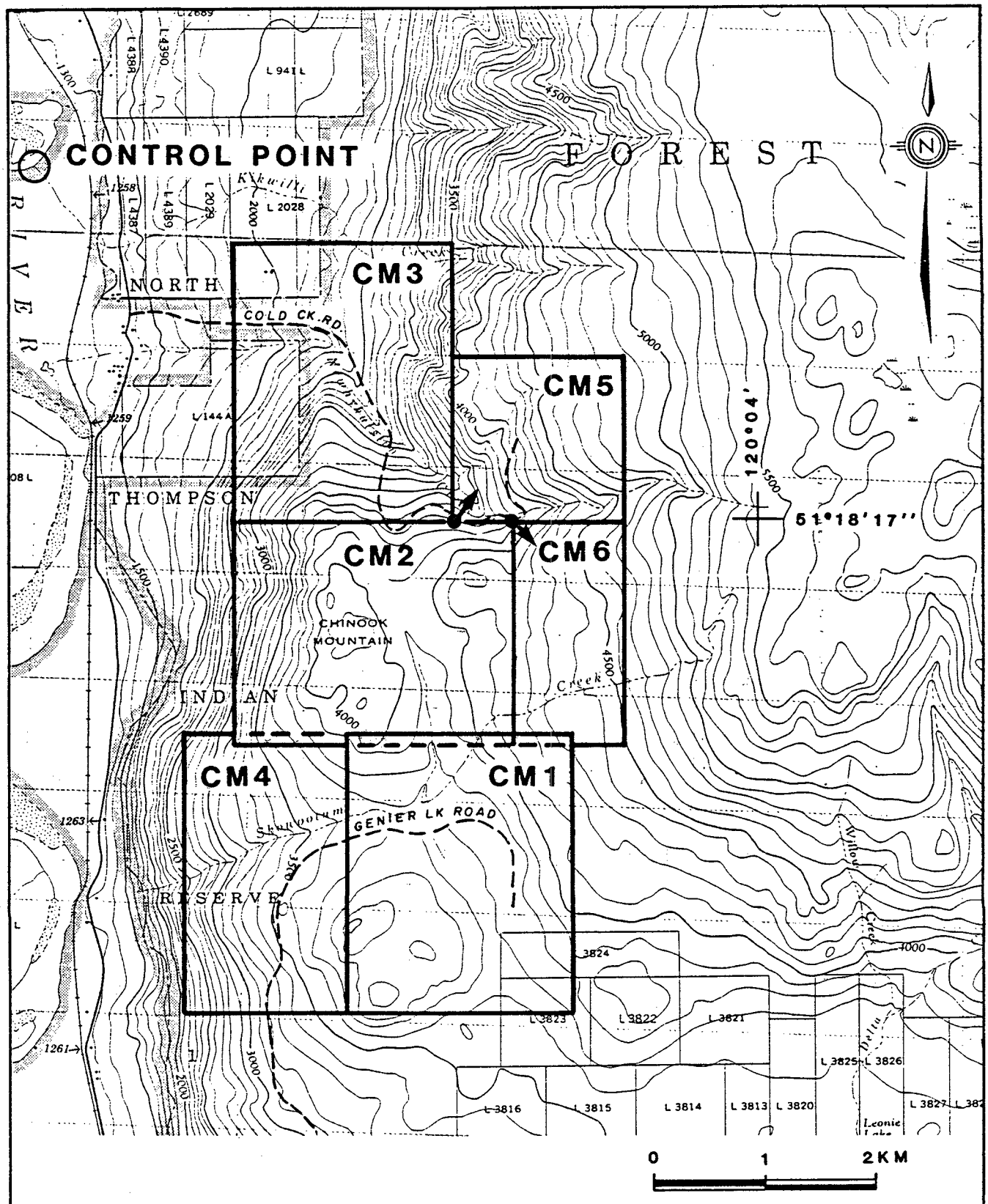
Topography is fairly rugged as the claims are situated along a prominent ridge on the east side of the North Thompson River. Elevations vary between 2,000 feet (615 m) A.S.L. and 5,000 feet (1538 m) A.S.L.

Vegetation consists of a mixed forest of spruce, pine, fir, birch and poplar.

LAND STATUS

The CM 1-6 claims (Figure 2) lie within the Kamloops Mining Division on N.T.S. mapsheet 92P/8E. All claims are registered in the name of BP Minerals Limited.


CM 1-6
CLAIMS
0 10 20KM
SELCO DIVISION -
BP RESOURCES CANADA LIMITED
BARRIERE PROJECT, B.C.
CM CLAIMS
LOCATION MAP
SCALE 1:500,000
DRAWN BY:
FIG. 1
DATE Aug 1986
DRAFTED BY: EBW
N.T.S. 92E/8
PROJ. 10112
REPORT BPVR 86-9



SELCO DIVISION -
BP RESOURCES CANADA LIMITED

BARRIERE PROJECT, B.C.
CM 1-6 CLAIMS
CLAIM MAP

SCALE 1:50,000	DRAWN BY:	FIG.	2
DATE Aug 1986	DRAFTED BY: EBW		
N.T.S. 92P/8E	PROJ. 10112	REPORT	BPVR86-9

Claim statistics are shown in Table I below:

TABLE 1: CLAIM STATISTICS

Claim Name	Record No.	Units	Record Date	Expiry
CM 1	6367	20	Sept. 13/85	1990
CM 2	6368	20	Sept. 13/85	1990
CM 3	6369	20	Sept. 13/85	1990
CM 4	6370	15	Sept. 13/85	1990
CM 5	6469	9	Dec. 30/85	1990
CM 6	6470	8	Dec. 30/85	1990
		TOTAL: 92 UNITS		

Expiry date based on acceptance of this report.

Grouped as CM 1 Group

LINECUTTING

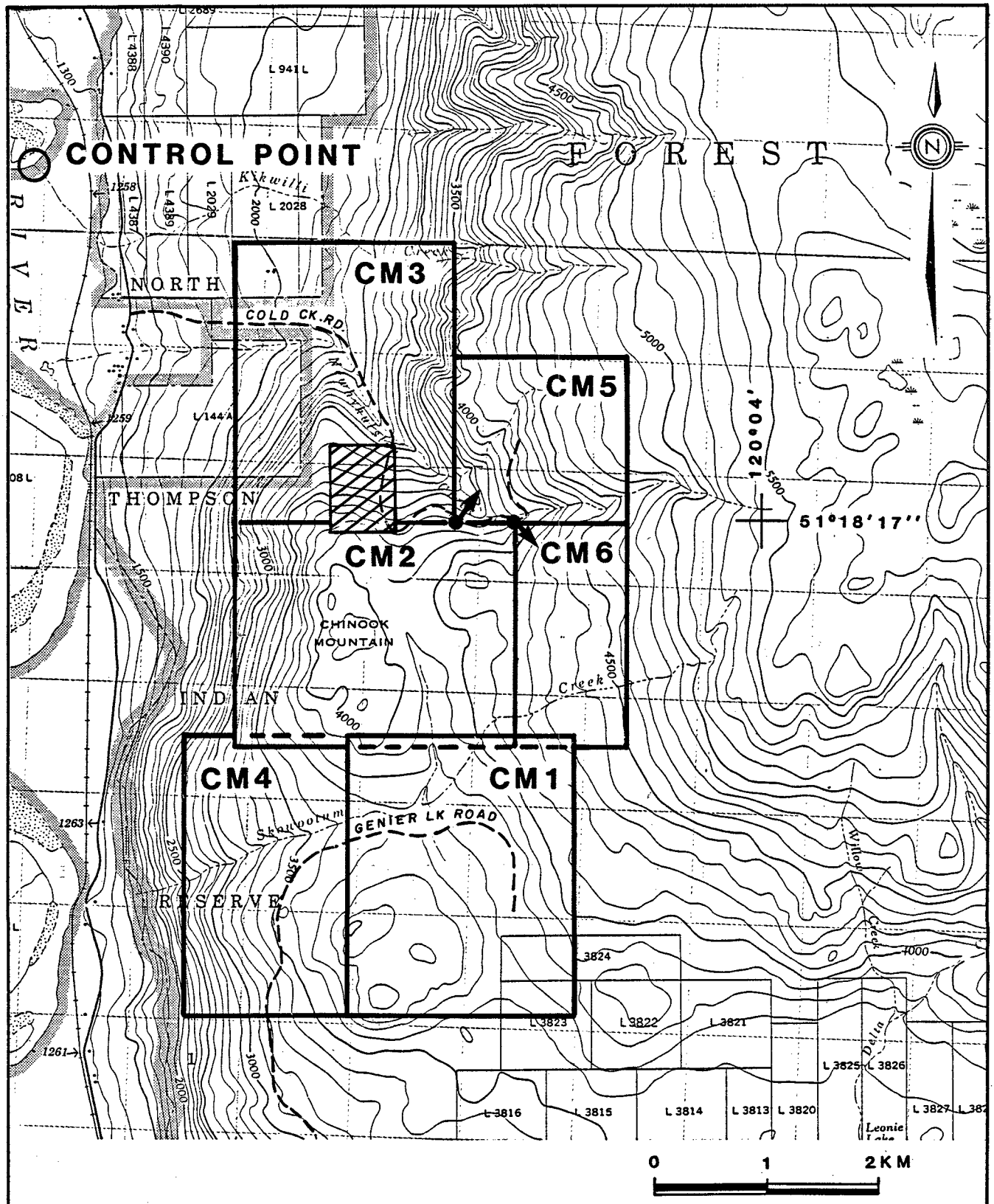
A grid was established on the CM Claims between May 20th and 24th, 1987 in preparation for ground geophysical and geochemical surveys for a total of 7.3 line kilometres.

Lines were chain and compass surveyed, blazed and flagged. While large trees and logs were not cut, areas with thick underbrush were bushed out. Lines were spaced 50 metres apart in the area of the old showings and 100 metres apart along strike (Figures 3 and 3A). Stations were established every 25 metres and identified on tyvex tags. All lines were slope corrected to maintain accurate station separation. Brad Riffal of New Westminster, B.C. was contracted to carry out the linecutting.

GEOLOGY AND PREVIOUS WORK

a) Previous Work

In the Newhykulston Creek area a gossan was uncovered in the 1950's and subsequent trenching followed the gossan for



GRID LOCATION

SELCO DIVISION -
BP RESOURCES CANADA LIMITED

BARRIERE PROJECT, B.C.
CM 1-6 CLAIMS
GRID LOCATION MAP

SCALE 1:50,000	DRAWN BY: R.F.	FIG. 3
DATE NOV. 1987	DRAFTED BY: E B W	
N.T.S. 92P/8E	PROJ. 10112	REPORT BPVR87-11

several hundred metres. The property has had some small diameter drilling done on it sometime pre 1970. This drilling evidently intersected a two foot band of massive sulphide which was later exposed by further trenching.

During 1970 some trenching and approximately 1200 feet of diamond drilling in three holes were done by Rio Tinto Canada under an option agreement from Kel Glen Mines.

In 1978 Noranda optioned the property and carried out an airborne VLF survey, Shootback EM, and magnetometer surveys, and a grid controlled soil survey.

In 1979 Craigmont flew a Dighem III survey covering all of the Fennell Formation between Barriere and Clearwater, B.C., including the CM Claims area.

In 1986 BP Resources Canada Limited carried out ground Max/ Min EM and magnetics soil sampling and geologic mapping on four small grids.

b) <u>Geology</u>

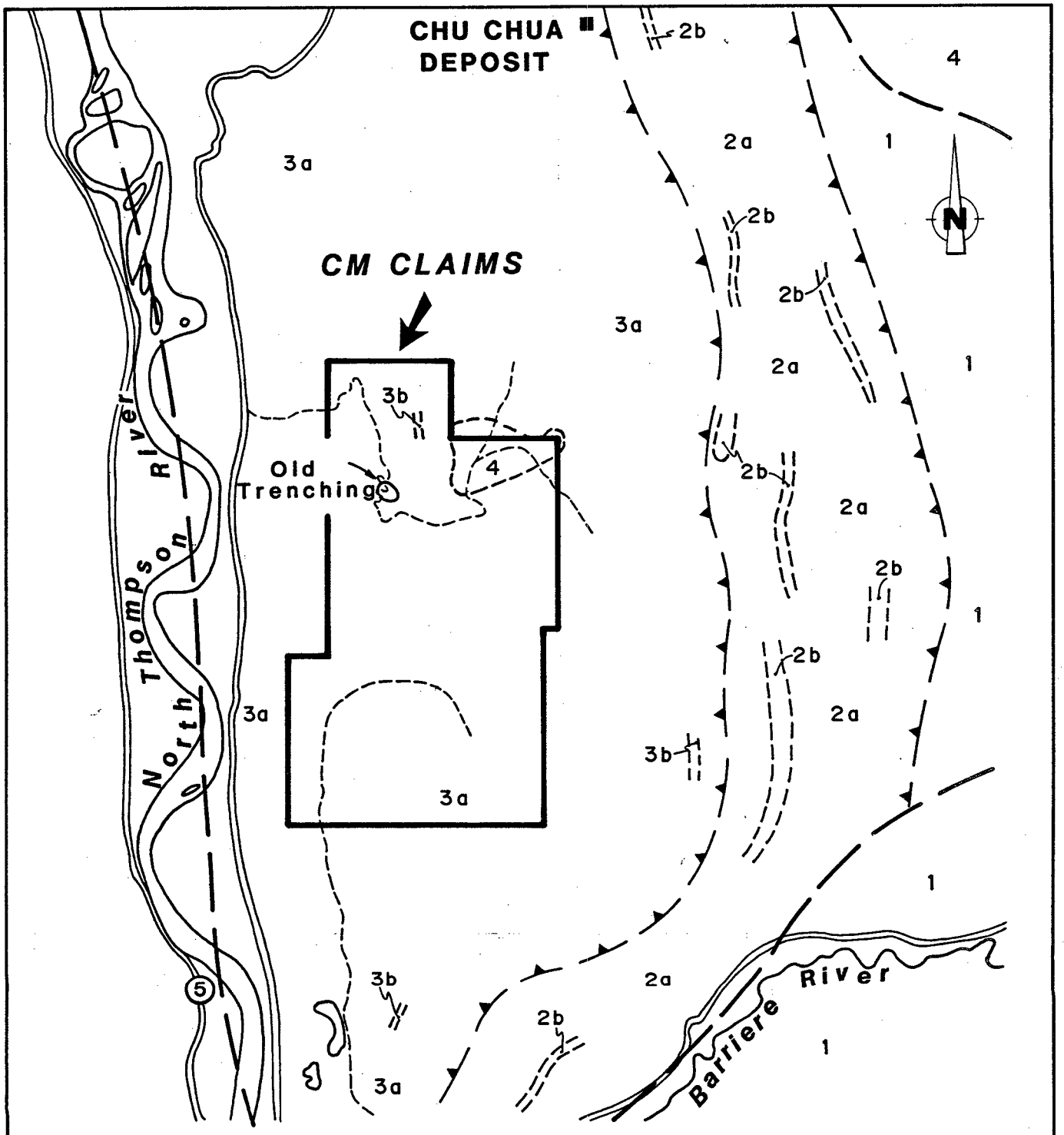
The regional geology has been mapped by Preto and Schiarizza (1984) and Schiarizza (1983) of the British Columbia Ministry of Energy, Mines and Petroleum Resources.

The CM claims are located within the Fennell Formation of Mississippian age. Fennell Formation rocks consist of basalts, chert and minor argillite and conglomerate occurring in a belt roughly 10 km wide, extending northwards from Barriere, B.C. for at least 100 km. The section has been divided into an upper and lower structural unit by Preto and Schiarizza (1984), separated by a thrust fault (Figure 4), with chert being more common in the lower structural unit. Fennell rocks are locally intruded by Cretaceous granitic rocks of the Baldy and Raft Batholiths.

The CM claims are within the upper structural unit and are underlain predominantly by basalt. Minor sediments consisting of chert and argillite are also present and a small granitic plug, likely related to the nearby Baldy Batholith, intrudes the section in the northeast corner of the property (Figure 4).

Grid controlled geological mapping was carried out between May 26th and May 29th, 1987. Results are plotted on Figure 5.

The grid area is underlain predominantly by fine grained, massive mafic volcanics which are usually texturally



LEGEND

CRETACEOUS
BALDY BATHOLITH
4 Granite, granodiorite

MISSISSIPIAN
FENNELL FORMATION
UPPER STRUCTURAL UNIT
3 3a- Basalt
3b- Chert

LOWER STRUCTURAL UNIT
2 2a- Basalt, minor sediments
2b- Chert, argillite

DEVONIAN? & OLDER
EAGLE BAY FORMATION
1 Intermediate to felsic volcanics, sediments, limestone

— — THRUST FAULT
— — FAULT
----- ROAD

Simplified after Preto and Schiarizza 1984

0 1 2 Km

SELCO DIVISION-
BP RESOURCES CANADA LIMITED

BARRIERE LAKE PROJECT

CM CLAIMS AREA

REGIONAL GEOLOGY

SCALE 1:100,000		DRAWN BY: R.F.	FIG. 4
DATE NOV. 1987		DRAFTED BY: EBW	
N.T.S. 92E/8	PROJ. 10112	REPORT	BPVR87-11

indistinct. Basaltic rocks locally are medium grained and massive to feldspar and/or amphibole porphyritic, likely representing feeder dykes/sills for overlying flows.

A narrow belt of sediments trends NNW along the eastern side of the grid. The sediments generally dip vertically, and consist primarily of grey to green chert with minor black argillite. This belt of sediments is host to two small massive sulphide occurrences as exposed in old trenches, identified as the Upper and Lower Showings on Figure 5.

The Upper Showing consists of a zone of massive magnetite three to four metres thick, with local, narrow zones of mixed sulphide (pyrite-chalcopyrite) and magnetite. Mineralization is hosted by massive, grey, pyritic chert.

The Lower Showing is located approximately 70 metres downslope and along strike. This trench is largely sloughed in and characterized by a thick ferricrete development, up to three metres thick. Massive sulphide mineralization is exposed in the bottom of the trench. The mineralization is variably oxidized and consists of fine-grained pyrite and chalcopyrite with malachite and chalcocite and is 1.4 metres thick as exposed. Host rock is exposed on the west side of

the mineralization and consists of grey, pyritic chert and black, cherty (silicified ?) and pyritic argillite. Rocks adjacent to the mineralization are strongly sheared. In the trench wall at the south end of the trench, shearing is very intense producing a breccia consisting of large clasts of chert and massive sulphide. This shear zone forms part of a prominant airphoto lineament trending SSE through the CM claims and it seems likely that mineralization may be related to this structure.

Unfortunately the mineralization is poorly exposed and hence its extent is unknown. Host rock is also poorly exposed on the west side and not exposed on east side at all, hence little information is available on detailed stratigraphy and alteration.

During the course of grid mapping a zone of brecciation and intense quartz-carbonate veining in mafic volcanics was discovered in the southwest portion of the grid (indicated as 'Gold Zone' on Figure 5. The zone trends between 40^{o} and 60^{o} and varies between 5 metres and 50 metres wide. The zone is characterized by brecciated volcanics highly invaded by quartz and/or calcite veinlets, locally with volcanic fragments cemented by quartz or calcite. Discrete veins are

locally present but are generally less than one metre thick. Calcite is generally much more abundant than quartz and both are clear to white in colour. Sulphides are rare to absent throughout the zone. Although lithogeochemistry does not form part of this report interest was generated in this zone due to high but sporadic values in gold (up to 13 g/t Au over 1.0 m)

GEOPHYSICAL SURVEY

A Max/Min Horizontal Loop EM survey was carried out from June 26th to 28th, 1987 by MWH Geophysics Ltd. of Sidney, B.C. comprising 6.6 line kilometres in an attempt to identify and extend exposed massive sulphide mineralization.

a) Instrumentation

An Apex parametrics Max/Min II unit was used to carry out the survey. This is a multi frequency, horizontal loop electromagnetic induction system. The system measures the inphase and quadrature of the secondary field as a percentage of the primary field intensity. A 100 metre coil separation was utilized. Coils were kept coplanar and data was slope corrected to maintain proper separation. Two frequencies, 444 Hz and 1777 Hz were read at 25 metre intervals. Data is presented as profiles (Figure 6, in pocket).

b) Results

One very weak conductive zone was identified which corresponds to the known showing.

The 1777 Hz shows this zone as weak surficial conductor visible on lines 111+50N-98+00E, line 112+00N-9800E and line 113+00N-98+25E. The first two responses are negative quadrature responses with no inphase shift, while the third consists of a positive inphase. A test line over the showing (L112+75N) using a 50 metre cable (coil separation) indicated a very weak conductor at L112+75N-98+00E (Figure 6B). All responses are consistant with a shallow zone of weakly increased conductivity.

GEOCHEMICAL SURVEY

Soil samples were collected at 25 metre intervals along the grid lines. In addition, the area marked Gold Zone on Figure 5, was detail sampled at 25 metre x 25 metre stations in an attempt to identify the vein system exposed there. Additional lines were also run to detail isolated anomalies (see Figure 7, Sample Location Map). All additional lines were established by topofil and compass at the time of sample collection. Figure 7 also shows which samples are being filed for assessment as part of this report. Complete results are displayed by Figures 8a-8x which show distribution on an element by element basis. The Acme Certificates of Analyses are included in Appendix V and show complete results listed by sample number.

a) **Soils and Overburden**

Soils are commonly podzols, characterized by a thin organic LH horizon, underlain by a white, leached AE mineral horizon and a BF, medium red-brown zone. The BF horizon was sampled at an average depth of 25 to 40 cm. Where soil development was weaker, a medium brown BM zone was sampled at a comparable depth.

Soils contain little moisture tending to minimize colour differences between soil horizons. Moist soils represent an unusual condition and have been noted. These represent seepage areas having the potential for spurious metal enhancement.

Two major types of overburden are recognized: tills and residual materials. Soils over the hill in the grid southwest are predominantly residual, but are flanked at lower elevations by till. Residual soils are recognized by their thin nature and numerous angular rock fragments of local lithologies. Glacial tills are exposed over the remainder of the ground. Tills are also believed to be locally derived by virtue of the absence of exotic float in the coarse fraction.

b) **Topography, Landscape and Drainage**

Topography is characterized by rolling hills. Outcrop is exposed over about 2% of the landscape, predominantly on the tops and sides of the hills. Drainage features are rare, with the exception of one incised creek channel in the grid east.

c) **Climate and Vegetation**

The CM claims area lies in the semi-arid southern interior of B.C. Rainfall is low and high temperatures in summer promote development of dry climate. As a consequence, soil moisture content is low and pine, fir and spruce trees grow moderately widely separated. Understory is typically small shrubs. Alders are established in some base of slope areas.

d) **Sample Preparation and Analysis**

A total of 563 samples were collected on the property (Figure 7). These were shipped by Greyhound to Acme Analytical Laboratories in Vancouver for their gold (aqua regia) plus 30 element ICP analysis. Analytical procedures are reported in Appendix III.

e) **Method of Data Evaluation**

Appendix V lists analytical results by sample number. Histograms were drawn to summarize the distribution of metal values in soil samples (Figure 11).

The interpretation of histograms procedure is relatively straightforward: subjectively determine population groupings on histograms constructed using either arithmetic or geometric (logarithmic) concentration intervals and then highlight the upper tails of each population. The influence of exceptionally high values can be minimized by truncating the distributions. Arbitrarily 5% of the data have been truncated for this purpose. The histograms of Figure 11 have been used to establish contour levels for the geochemical map, Figure 8. Appendix IV describes procedures in more detail.

f) Description of Results

1. Mo (Fig. 8A)

Only 1 Mo anomaly is defined, that associated with the contaminated area downslope of the Lower Showing.

2. Cu (Fig. 8B)

The Cu distribution is dominated by a series of anomalies trending NNW which include the Upper and Lower Showings. Maximum Cu contents lie in disturbed areas of the Lower Showing, values of 1000 to 15000 ppm being reported. Otherwise, maximum values are in the 100 to 300 ppm range away from known prospects. The series of Cu anomalies,

numbering 7, define a trend about 1.2 km long averaging 100 m wide. The Cu trend appears associated with EM conductors.

Weaker Cu anomalies 50 m ± 25 m in size are located in proximity to the Au prospect in the west (zones 9, 10, and 11) trending northeastward. These anomalies tend to be weaker, being associated with Cu contents in the 40 to 90 ppm range. A similar but larger zone, 50 m X 150 m in dimensions, lies downslope of drill hole CM87-2. Two small anomalies are found south of the northeasterly trend (No. 12 and 13). A long (300 m) and narrow (25 m) anomaly (No. 14) lies between the two areas of Cu enrichment.

3. **Pb** (Fig. 8C)

Pb levels are generally low, maximum values typically 15 to 25 ppm. A major regional variation is noted, that of lower backgrounds (<8 ppm) in the southeast. A maximum value of 414 ppm is seen in the disturbed area of the Lower Showing.

4. **Zn** (Fig. 8D)

The Zn distribution is dominated by several very large anomalies. Maximum Zn contents are found in the Lower Showing, values ranging from 250 to 5500 ppm. The Zn feature (No. 1) is about 400 m long and averages 50 m wide. It lies central to the much larger Cu anomaly. The Cu trend

otherwise is not complimented by Zn, with the exception of a 200 m long and 25 m wide feature in the south (No. 2) which lies to the west and south of Cu anomaly 7.

On average, the highest contrast Zn anomaly (No. 3) lies in the northwest and is open to the north and west. Maximum values of about 500 ppm lie along the 94E tie line at 111+50N. Zn has also accumulated in soils of the Au prospect in the west (No. 4) but anomaly contrast is not great. Areas of Zn enhancement are open to the west and south.

Zn anomaly 5 is a linear feature contoured at 200 m long and 25 m wide. It coincides with a Cu anomaly No. 14. Two other Zn anomalies (No.'s 6 and 7) lie in the east and exhibit weak anomaly contrast.

5. **Ag** (Fig. 8E)

Ag accumulation is strong only in association with the disturbed area of the Lower Showing. Weak Ag enhancement compliments Cu anomaly 14. A number of isolated above average Ag values, albeit still less than 1.0 ppm, follow the Cu trend and are found on the west side of the Au prospect grid.

6. **W** (Fig. 8F)

Two above detection limit W values are noted, one at the Lower Showing, and the other (50 ppm) 200 m north northwest of the Cu trend.

7. **Au** (Fig. 8G)

Most Au values are at detection limits of 1 ppb. Superimposed on this low background are a series of weak, 2 point features, with maximum Au values generally below 100 ppb. Orientation studies at the main Au prospect, Au anomaly 1, where maximum values are less than 15 ppb, indicate that values in these residual soils can approach 500 ppb immediately downslope of the Au prospect. The Au prospect trends northeastward and Au zones 2 and 3 and a single 66 ppb values are believed due to the mineralized trend. Au anomaly 4 and other isolated point features near the main Au prospect also merit attention.

The disturbed area downslope of the Lower Showing is Au-rich (No. 5), as are a number of isolated points along the Cu trend. Each merits followup. Two anomalous zones, No. 6 and 7, are found at the south end of the Cu trend.

8. **As** (Fig. 8H)

As geochemistry is highlighted by a major zone of enhanced values (anomaly No. 3) parallelling and lying immediately to

the east of the Cu trend. As backgrounds average less than 9 ppm; maximum values within the anomalous zone, which has approximately the same dimension as the Cu feature, are about 20 ppm. As levels are weakly enhanced along the southeastern portion of the grid (zones 4,5 and 6).

The Au prospect is accompanied by As enhamcement. Here anomalies are small (25 m diameters - zones 7-10), and values are about the same as for the major As zone to the east.

9. Sb (Fig. 8I)

One Sb anomaly is defined, in proximity to the Lower Showing. High backgrounds (perhaps only analytical noise), are found over portions of the Cu and Au zones. A method using a lower detection limit for Sb is needed to see if this element reflects either Au or base metal mineralization.

10. Bi (Fig. 8J)

Significant variations of Bi are not noted at the 2 ppm level of detection.

11. Fe (Fig. 8K)

Fe contents should vary in a manner reflecting soil forming processes leading to Fe accumulation in the BF horizon, as well as being derived from underlying lithologies. Although

soil formation may be influencing distribution patterns, geology seems to be exerting the main control.

Fe backgrounds are elevated on the Au grid. The Au prospect and the northeast orientation of high values is accompanied by higher Fe values, but concentrations are also high to the north (zones 5 to 9) and to the south (zones 10 and 11). Fe contents associated with the ferrocrete of the Upper and Lower Showings is evidenced by anomalies 12 to 14 and the remainder of the Cu trend is accompanied by Fe zones 15 to 18. The Cu-Zn-Ag feature to the west of the main Cu trend is also Fe-rich (No. 19).

12. **Mn** (Fig. 8L)

The Mn distribution is striking for its spatial association with the Au mineralization. A distinctly linear shape trending northeastward defines several zones which are open to the south and west (anomalies 1 to 4). Background is generally less than 425 ppm; anomaly threshold is defined at 525 ppm and maximum values are in the 1000 to 1500 ppm range. Similar levels of Mn enhancement are seen in the southeast, remote from Au or base metal anomalies in an area where As is weakly enhanced.

13. Co (Fig. 8M)

Co levels are weakly elevated in the area of the Au prospect in sympathy with Mn, and in the southeast.

14. Ni (Fig. 8N)

Distribution of Ni shows some general features, but does not appear to reflect underlying mafic volcanics. For example, the southeast corner of Au grid is low in Ni (< 36 ppm) by comparison to the Au trend or region to the west. A band of Ni-rich soils crosses the southeastern portion of the grid. Ni levels are elevated over southern portions of the Cu trend, but are not similarly found in the north. The Ni distribution otherwise appears to vary heterogeneously across the grid.

15. Cr (Fig. 8Ø)

Cr generally follows Ni except that there is a weak correlation between the Cu trend and enhanced Cr values.

16. V (Fig. 8P)

V follows Fe.

17. Ba (Fig. 8Q)

Several homogeneous Ba anomalies are evident, accompanying the Cu trend. In the north, zones 1 to 3 generally coincide

or lie periferal to the Cu-rich area. Anomalies 5 and 6 in the south display a similar spatial relationship. Ba levels are relatively low in the middle of the Cu anomaly where the one Ba feature coincides with Cu enhancement.

Leachable Ba accumulation also characterizes the Au trend and fault to the west. Ba distribution northwest of the fault follows Fe.

18. **Sr** (Fig. 8R)

A northwesterly trend of elevated Sr values lies to the east of the Au prospect trend, apparently marking a topographic ridge. The zone can be contoured to extend to the Upper and Lower Showings (anomalies 1 to 4). High Sr commonly lies to the west of high Ba values. Much of the northwestern corner of the grid is associated with elevated Sr values. Sr enrichment also follows a valley (anomalies 14 to 16) which is noted for its Cu anomalies.

19. **Ca** (Fig. 8S)

The Ca distribution generally follows Sr, but anomalies are more restricted in size. Other differences include the Ca trend being associated with more of the high Cu values, and the northwest corner of the grid being characterized by lower backgrounds. Some of the values exceeding 1% Ca, such as in zones 1 and 8, reflect seepage conditions.

20. Mg (Fig. 8T)

The Mg distribution resembles that of Fe.

21. Al (Fig. 8U)

Aqua regia leachable Al is relatively low over easternmost portions of the grid but are notably enhanced over the western portions of the grid (zone 1). The level of Al accumulation along the northeasterly Au trend is also high (zones 2 to 4), but not as high as the western portions of the grid (zones 1 to 5). Al enhancement is more erratic over the middle and southern portions of the Cu trend (zones 8-11) and the Cu-Zn-Ag anomaly to the west (zone 12).

22. K (Fig. 8V)

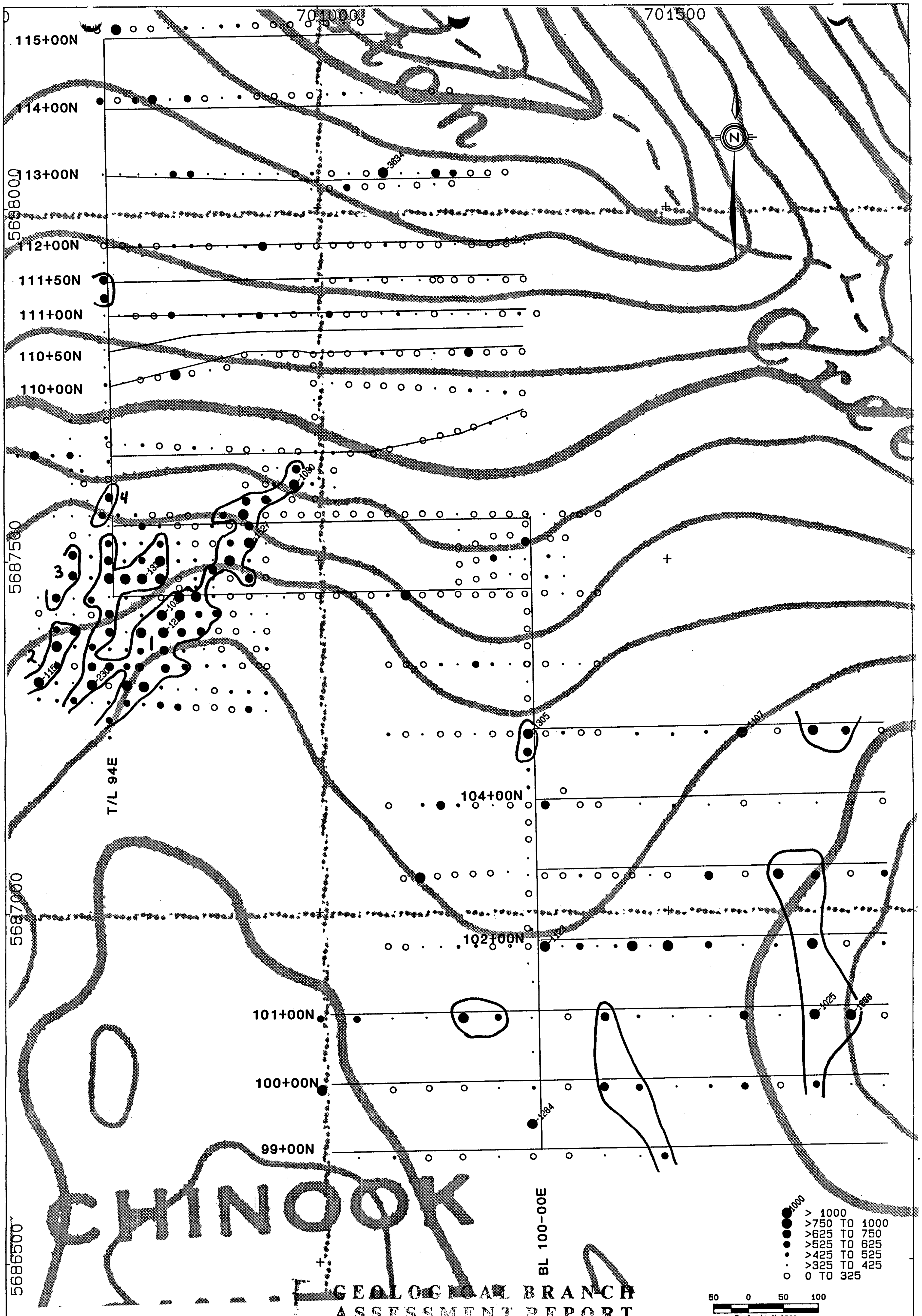
K does not vary greatly over the grid. Values tend to be enhanced in the northwest and also to the west of the northern half of the Cu trend.

23. Ti (Fig. 8W)

Leachable Ti values appear to be enhanced over large portions of the grid and systematic patterns cannot be identified.

24. P (Fig. 8X)

Most of the zones of P enhancement (No. 1 to 10) lie along the Cu trend, but zones are relatively small and



GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,596

CM CLAIMS COMPILATION
BARRIERE PROJECT - B.C.
1986-1987 SOIL SURVEYS
Manganese (ppm)

DATE: NOV/87	PROJECT#: 565	FIG.
NTS: 92P/8	SCALE 1: 5000	8 L

701000

701500

115+00N

114+00N

113+00N

112+00N

111+50N

111+00N

110+50N

110+00N

104+00N

102+00N

101+00N

100+00N

99+00N

5688000

5687500

5687000

5686500

T/L 94E

BL 100-00E

CHINOOK

> .07
>.06 TO .07
>.05 TO .06
>.04 TO .05
>.03 TO .04
>.02 TO .03
0 TO .02

50 0 50 100
Scale in Metres

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,596

CM CLAIMS COMPILATION
BARRIERE PROJECT - B.C.
1986-1987 SOIL SURVEYS
Potassium (%)

	DATE: NOV/87	PROJECT#: 565	FIG.
	NTS: 92P/8	SCALE 1: 5000	8 V

701000

701500

115+00N

114+00N

113+00N

112+00N

111+50N

111+00N

110+50N

110+00N

101+00N

100+00N

99+00N

104+00N

102+00N

5688000

5687500

5687000

5686500

T/L 94E

BL 100-00E

N

> 12
>10 TO 12
>8 TO 10
>6 TO 8
>4 TO 6
>2 TO 4
0 TO 2

50 0 50 100
Scale in Metres

CM CLAIMS COMPILATION
BARRIERE PROJECT - B.C.
1986-1987 SOIL SURVEYS
Molybdenum (ppm)

	DATE: NOV/87	PROJECT#: 565	FIG.
	NTS: 92P/8	SCALE 1: 5000	8 A

CHINOOK
GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,596

701000

701500

115+00N

114+00N

113+00N

112+00N

111+50N

111+00N

110+50N

110+00N

101+00N

100+00N

99+00N

5688000

5687500

5687000

5686500

T/L 94E

BL 100-00E

> 125
>90 TO 125
>60 TO 90
>40 TO 60
>25 TO 40
>16 TO 25
0 TO 16

50 0 50 100
Scale in Metres

CM CLAIMS COMPILATION
BARRIERE PROJECT - B.C.
1986-1987 SOIL SURVEYS
Copper (ppm)

	DATE: NOV/87	PROJECT#: 565	FIG.
	NTS: 92P/8	SCALE 1: 5000	8 B

CHINOOK
GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,596

701000

701500

115+00N

114+00N

113+00N

112+00N

111+50N

111+00N

110+50N

110+00N

104+00N

102+00N

101+00N

100+00N

99+00N

5688000

5687500

5687000

5686500

T/L 94E

BL 100-00E

N

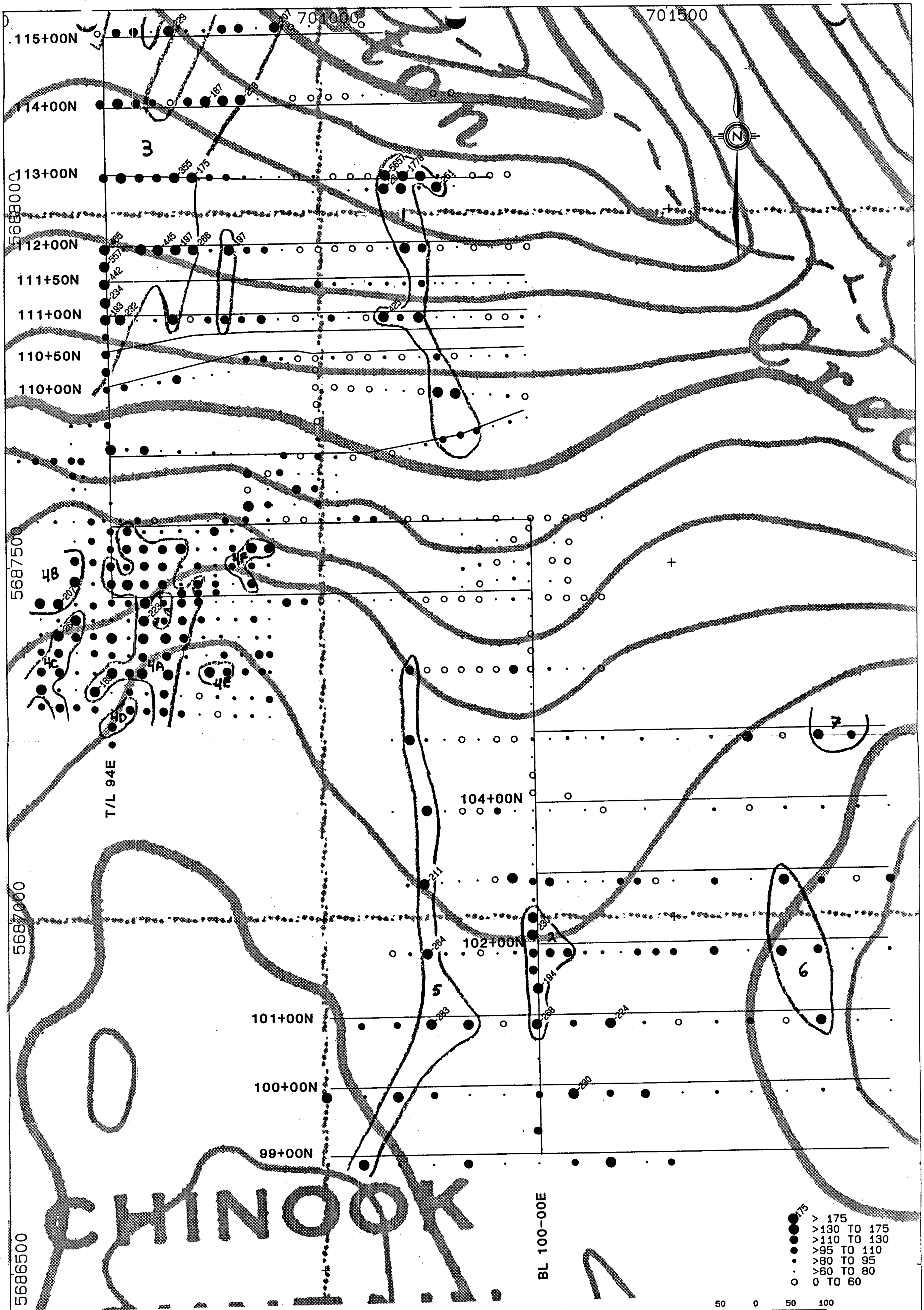
> 17
>14 TO 17
>11 TO 14
>8 TO 11
>6 TO 8
>4 TO 6
0 TO 4

50 0 50 100
Scale in Metres

CM CLAIMS COMPILATION
BARRIERE PROJECT - B.C.
1986-1987 SOIL SURVEYS
Lead (ppm)

	DATE: NOV/87	PROJECT#: 565	FIG.
	NTS: 92P/8	SCALE 1: 5000	8 C

CHINOOK
GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,596



GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,596

CM CLAIMS COMPILATION
BARRIERE PROJECT - B.C.
1986-1987 SOIL SURVEYS
Zinc (ppm)

DATE: NOV/87	PROJECT#: 565	FIG.
NTS: 92P/8	SCALE 1: 5000	8 D

701000

701500

115+00N

114+00N

113+00N

112+00N

111+50N

111+00N

110+50N

110+00N

104+00N

102+00N

101+00N

100+00N

99+00N

5688000

5687500

5687000

5686500

T/L 94E

BL 100-00E

2

N

> 1.3
>1.1 TO 1.3
>.9 TO 1.1
>.7 TO .9
>.5 TO .7
>.3 TO .5
0 TO .3

50 0 50 100
Scale in Metres

CM CLAIMS COMPILATION
BARRIERE PROJECT - B.C.
1986-1987 SOIL SURVEYS
Silver (ppm)

	DATE: NOV/87	PROJECT#: 565	FIG.
	NTS: 92P/8	SCALE 1: 5000	8 E

CHINOOK

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,596

701000

701500

115+00N

114+00N

113+00N

112+00N

111+50N

111+00N

110+50N

110+00N

104+00N

102+00N

101+00N

100+00N

99+00N

5688000

5687500

5687000

5686500

T/L 94E

BL 100-00E

> 12
>10 TO 12
>8 TO 10
>6 TO 8
>4 TO 6
>2 TO 4
0 TO 2

50 0 50 100
Scale in Metres

CM CLAIMS COMPILATION
BARRIERE PROJECT - B.C.
1986-1987 SOIL SURVEYS
Tungsten (ppm)

	DATE: NOV/87	PROJECT#: 565	FIG.
	NTS: 92P/8	SCALE 1: 5000	8 F

CHINOOK
GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,596

701000

701500

115+00N

114+00N

113+00N

112+00N

111+50N

111+00N

110+50N

110+00N

104+00N

102+00N

101+00N

100+00N

99+00N

5688000

5687500

5687000

5686500

T/L 94E

BL 100-00E

N

> 20
>15 TO 20
>10 TO 15
>7 TO 10
>5 TO 5
>3 TO 5
0 TO 3

50 0 50 100
Scale in Metres

CM CLAIMS COMPILATION
BARRIERE PROJECT - B.C.
1986-1987 SOIL SURVEYS
Gold (ppb)

	DATE: NOV/87	PROJECT#: 565	FIG.
	NTS: 92P/8	SCALE 1: 5000	8 G

CHINOOK

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,596

701000

701500

115+00N

114+00N

113+00N

112+00N

111+50N

111+00N

110+50N

110+00N

104+00N

102+00N

101+00N

100+00N

99+00N

5688000

5687500

5687000

5686500

T/L 94E

BL 100-00E

1A

1B

1C

2

3

4

5

6

8

9

10

> 25
>15 TO 25
>12 TO 15
>9 TO 12
>7 TO 9
>4 TO 7
0 TO 4

50 0 50 100
Scale in Metres

CHINOOK

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,596

CM CLAIMS COMPILATION
BARRIERE PROJECT - B.C.
1986-1987 SOIL SURVEYS
Arsenic (ppm)

	DATE: NOV/87	PROJECT#: 565	FIG.
	NTS: 92P/8	SCALE 1: 5000	8 H

701000

701500

115+00N

114+00N

113+00N

112+00N

111+50N

111+00N

110+50N

110+00N

104+00N

102+00N

101+00N

100+00N

99+00N

5688000

5687500

5687000

5686500

T/L 94E

BL 100-00E

N

> 12
>10 TO 12
>8 TO 10
>6 TO 8
>4 TO 6
>2 TO 4
0 TO 2

50 0 50 100
Scale in Metres

CHINOOK

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,596

CM CLAIMS COMPILATION
BARRIERE PROJECT - B.C.
1986-1987 SOIL SURVEYS
Antimony (ppm)

	DATE: NOV/87	PROJECT#: 565	FIG.
	NTS: 92P/8	SCALE 1: 5000	81

701000

701500

115+00N

114+00N

113+00N

112+00N

111+50N

111+00N

110+50N

110+00N

104+00N

102+00N

101+00N

100+00N

99+00N

5688000

5687500

5687000

5686500

T/L 94E

BL 100-00E

N

CHINOOK

GEOLOGICAL BRANCH
ASSESSMENT REPORT

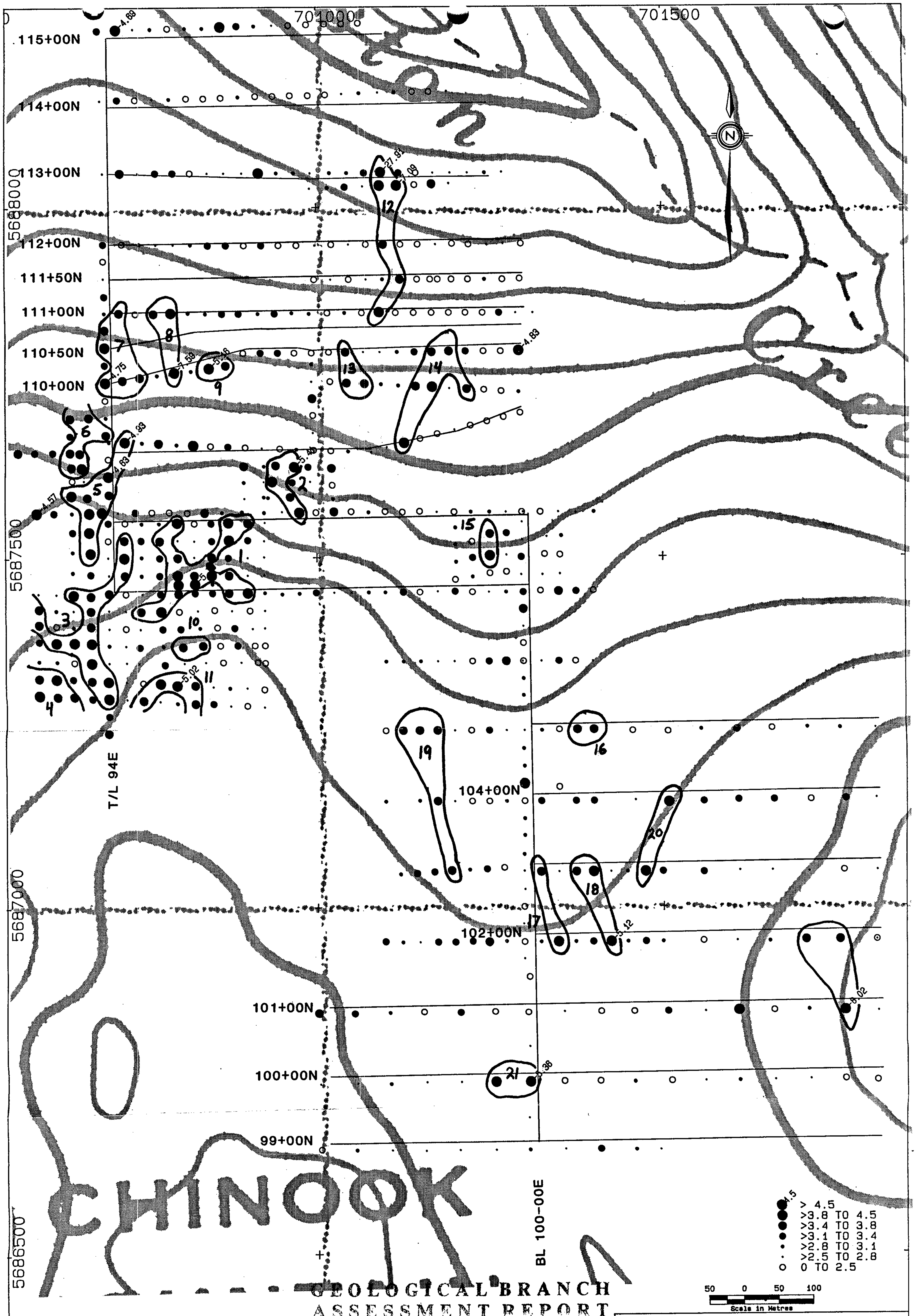
16,596

> 12
>10 TO 12
>8 TO 10
>6 TO 8
>4 TO 6
>2 TO 4
0 TO 2

50 0 50 100
Scale in Metres

CM CLAIMS COMPILATION
BARRIERE PROJECT - B.C.
1986-1987 SOIL SURVEYS
Bismuth (ppm)

	DATE: NOV/87	PROJECT#: 565	FIG.
	NTS: 92P/8	SCALE 1: 5000	8 J



GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,596

CM CLAIMS COMPILATION

BARRIERE PROJECT - B.C.

1986-1987 SOIL SURVEYS

Iron (%)

	DATE: NOV/87	PROJECT#: 565	FIG.
	NTS: 92P/8	SCALE 1: 5000	8 K

701000

701500

115+00N

114+00N

113+00N

112+00N

111+50N

111+00N

110+50N

110+00N

104+00N

102+00N

101+00N

100+00N

99+00N

5688000

5687500

5687000

5686500

T/L 94E

BL 100-00E

N

> 18
>16 TO 18
>14 TO 16
>12 TO 14
>10 TO 10
>8 TO 10
0 TO 8

50 0 50 100
Scale in Metres

CHINOOK

CM CLAIMS COMPILATION
BARRIERE PROJECT - B.C.
1986-1987 SOIL SURVEYS
Cobalt (ppm)

	DATE: NOV/87	PROJECT#: 565	FIG.
	NTS: 92P/8	SCALE 1: 5000	8 M

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,596

701000

701500

115+00N

114+00N

113+00N

112+00N

111+50N

111+00N

110+50N

110+00N

104+00N

102+00N

101+00N

100+00N

99+00N

5688000

5687500

5687000

5686500

T/L 94E

BBL 100-00E

N

> 60
>49 TO 60
>43 TO 49
>36 TO 43
>33 TO 36
>28 TO 33
0 TO 28

50 0 50 100
Scale in Metres

CHINOOK

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,596

CM CLAIMS COMPILATION
BARRIERE PROJECT - B.C.
1986-1987 SOIL SURVEYS
Nickel (ppm)

	DATE: NOV/87	PROJECT#: 565	FIG.
	NTS: 92P/8	SCALE 1: 5000	8 N

701000

701500

115+00N

114+00N

113+00N

112+00N

111+50N

111+00N

110+50N

110+00N

104+00N

102+00N

101+00N

100+00N

99+00N

T/L 94E

BL 100-00E

5688000

5687500

5687000

5686500

N

> 75
>60 TO 75
>55 TO 60
>45 TO 55
>40 TO 45
>30 TO 40
0 TO 30

50 0 50 100
Scale in Metres

CHINOOK

CM CLAIMS COMPILATION
BARRIERE PROJECT - B.C.
1986-1987 SOIL SURVEYS
Chromium (ppm)

DATE: NOV/87	PROJECT#: 565	FIG.
NTS: 92P/8	SCALE 1: 5000	8 O

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,596

701000

701500

115+00N

114+00N

113+00N

112+00N

111+50N

111+00N

110+50N

110+00N

104+00N

102+00N

101+00N

100+00N

99+00N

5688000

5687500

5687000

5686500

T/L 94E

BL 100-00E

N

> 110
>95 TO 110
>85 TO 95
>75 TO 85
>60 TO 75
>50 TO 60
0 TO 50

50 0 50 100
Scale in Metres

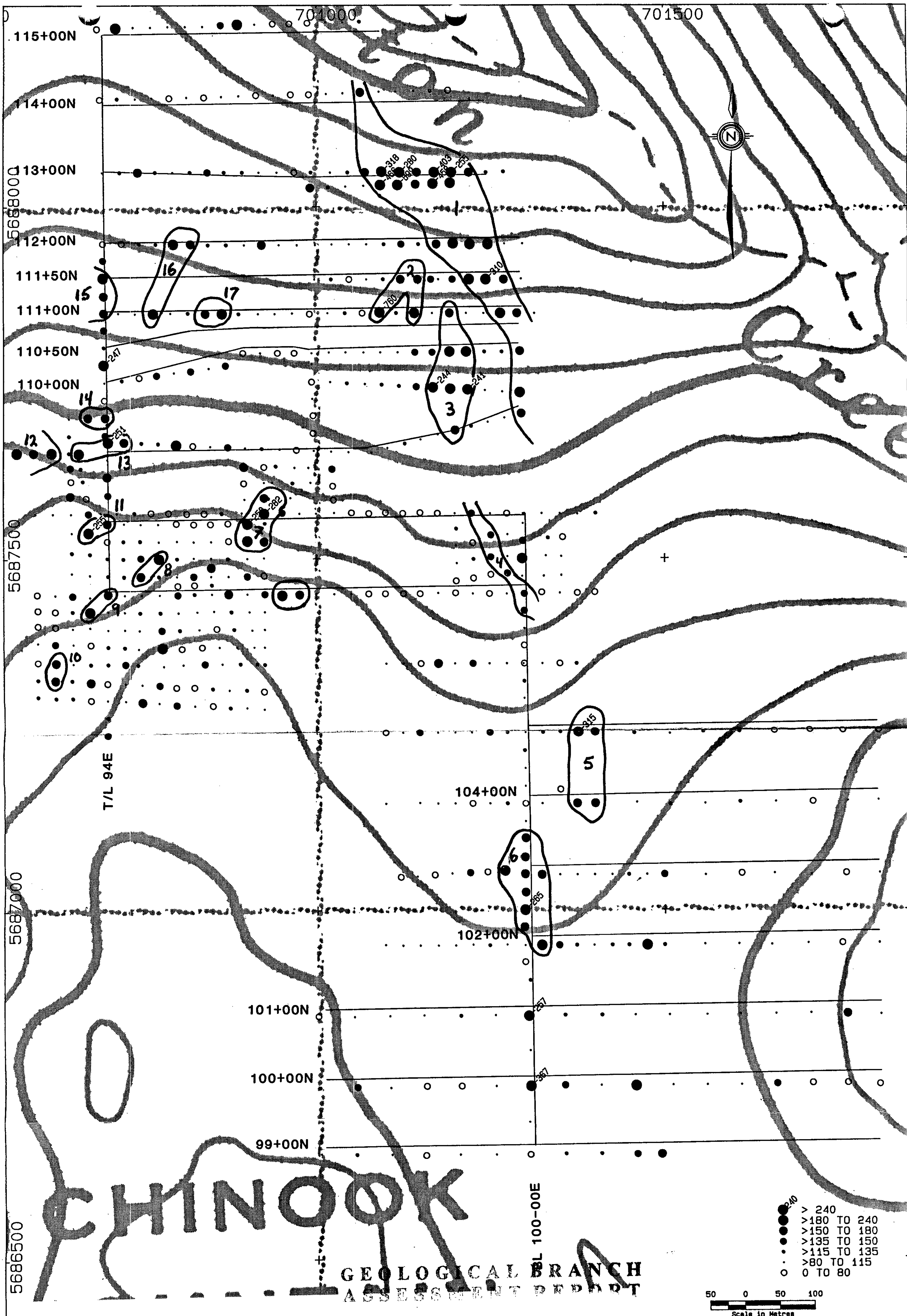
CHINOOK

CM CLAIMS COMPILATION
BARRIERE PROJECT - B.C.
1986-1987 SOIL SURVEYS
Vanadium (ppm)

DATE: NOV/87	PROJECT#: 565	FIG.
NTS: 92P/8	SCALE 1: 5000	8 P

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,596



GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,596

CM CLAIMS COMPILATION
BARRIERE PROJECT – B.C.
1986–1987 SOIL SURVEYS
Barium (ppm)

DATE: NOV/87	PROJECT#: 565	FIG.
NTS: 92P/8	SCALE 1: 5000	8 Q

701000

701500

115+00N

114+00N

113+00N

112+00N

111+50N

111+00N

110+50N

110+00N

104+00N

102+00N

101+00N

100+00N

99+00N

5688000

5687500

5687000

5686500

T/L 94E

BL 100-00E

N

> 30
>22 TO 30
>19 TO 22
>16 TO 19
>14 TO 16
>12 TO 14
0 TO 12

50 0 50 100
Scale in Metres

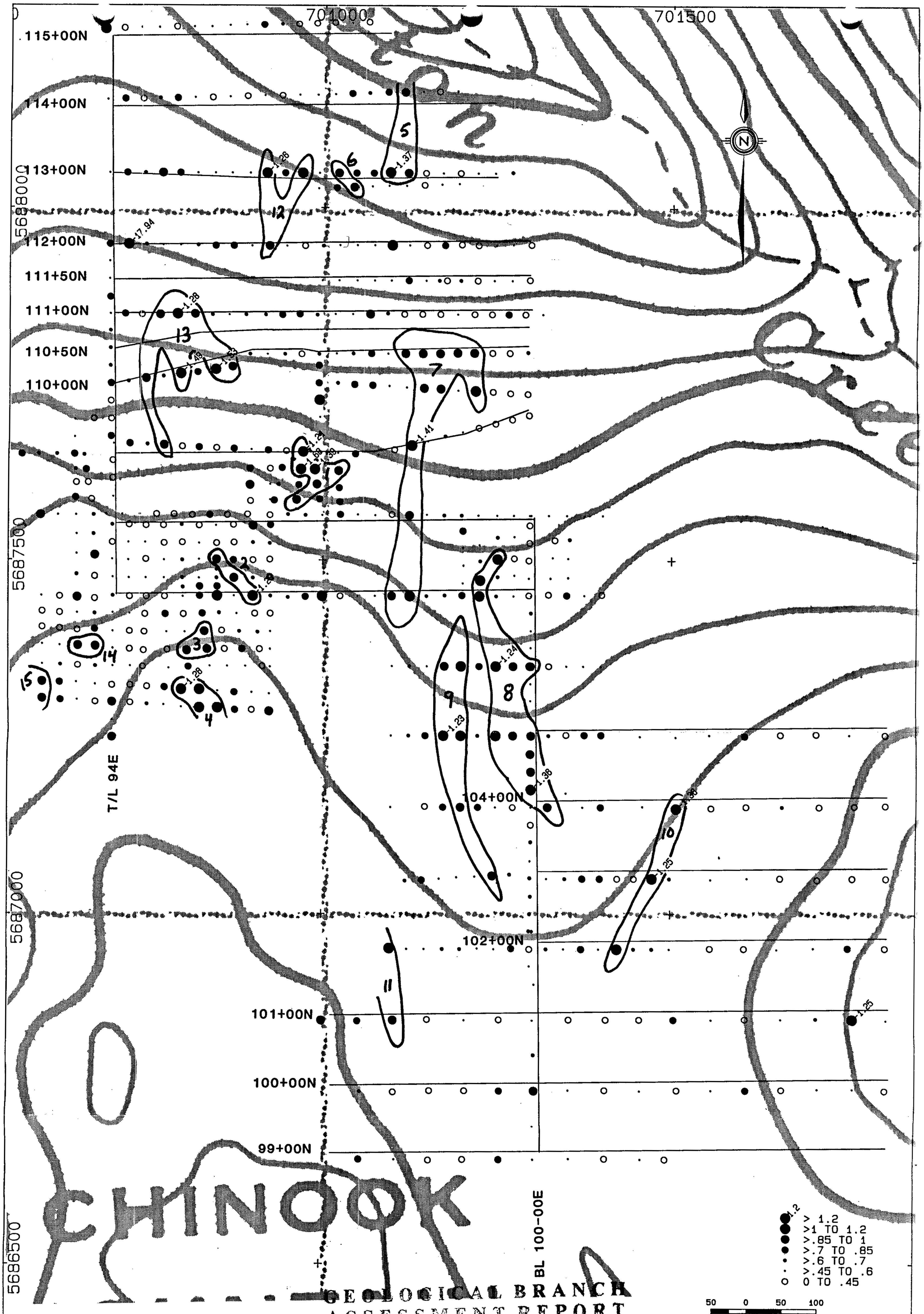
CHINOOK

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,596

CM CLAIMS COMPILATION
BARRIERE PROJECT - B.C.
1986-1987 SOIL SURVEYS
Strontium (ppm)

	DATE: NOV/87	PROJECT#: 565	FIG.
	NTS: 92P/8	SCALE 1: 5000	8 R



GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,596

CM CLAIMS COMPILATION

BARRIERE PROJECT - B.C.

1986-1987 SOIL SURVEYS

Calcium (%)

DATE: NOV/87	PROJECT#: 565	FIG.
NTS: 92P/8	SCALE 1: 5000	8 S

701000

701500

115+00N

114+00N

113+00N

112+00N

111+50N

111+00N

110+50N

110+00N

104+00N

102+00N

101+00N

100+00N

99+00N

5688000

5687500

5687000

5686500

T/L 94E

BL 100-00E

1.31

1.78

1.1

1.35

2.51

1.38

1.37

1.39

1.33

1.14

1.11

1.27

2.05

1.19

1.13

1.36

> 1.1
>.95 TO 1.1
>.85 TO .95
>.7 TO .85
>.6 TO .7
>.42 TO .6
0 TO .42

50 0 50 100
Scale in Metres

CHINOOK

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,596

CM CLAIMS COMPILATION
BARRIERE PROJECT - B.C.
1986-1987 SOIL SURVEYS
Magnesium (%)

	DATE: NOV/87	PROJECT#: 565	FIG.
	NTS: 92P/6	SCALE 1: 5000	8 T

701000

701500

115+00N

114+00N

113+00N

112+00N

111+50N

111+00N

110+50N

110+00N

104+00N

102+00N

101+00N

100+00N

99+00N

5688000

5687500

5687000

5686500

T/L 94E

BL 100-00E

4.74

4.61

4.9

5.3

4.8

4.89

4.48

4.78

5.22

4.43

4.46

4.58

5.33

5.24

4.56

4.82

4.46

4.64

5.08

1

2

3

4

5

6

7

8

9

10

11

12

13

> 4.4
>3.9 TO 4.4
>3.5 TO 3.9
>3.1 TO 3.5
>2.8 TO 3.1
>2.3 TO 2.8
0 TO 2.3

50 0 50 100
Scale in Metres

CHINOOK

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,596

CM CLAIMS COMPILATION
BARRIERE PROJECT - B.C.
1986-1987 SOIL SURVEYS
Aluminum (%)

	DATE: NOV/87	PROJECT#: 565	FIG.
	NTS: 92P/8	SCALE 1: 5000	8 U

701000

701500

115+00N

114+00N

113+00N

112+00N

111+50N

111+00N

110+50N

110+00N

104+00N

102+00N

101+00N

100+00N

99+00N

5688000

5687500

5687000

5686500

T/L 94E

BL 100-00E

N

CHINOOK

.4 > .4
>.35 TO .4
>.3 TO .35
>.27 TO .3
>.25 TO .27
>.22 TO .25
0 TO .22

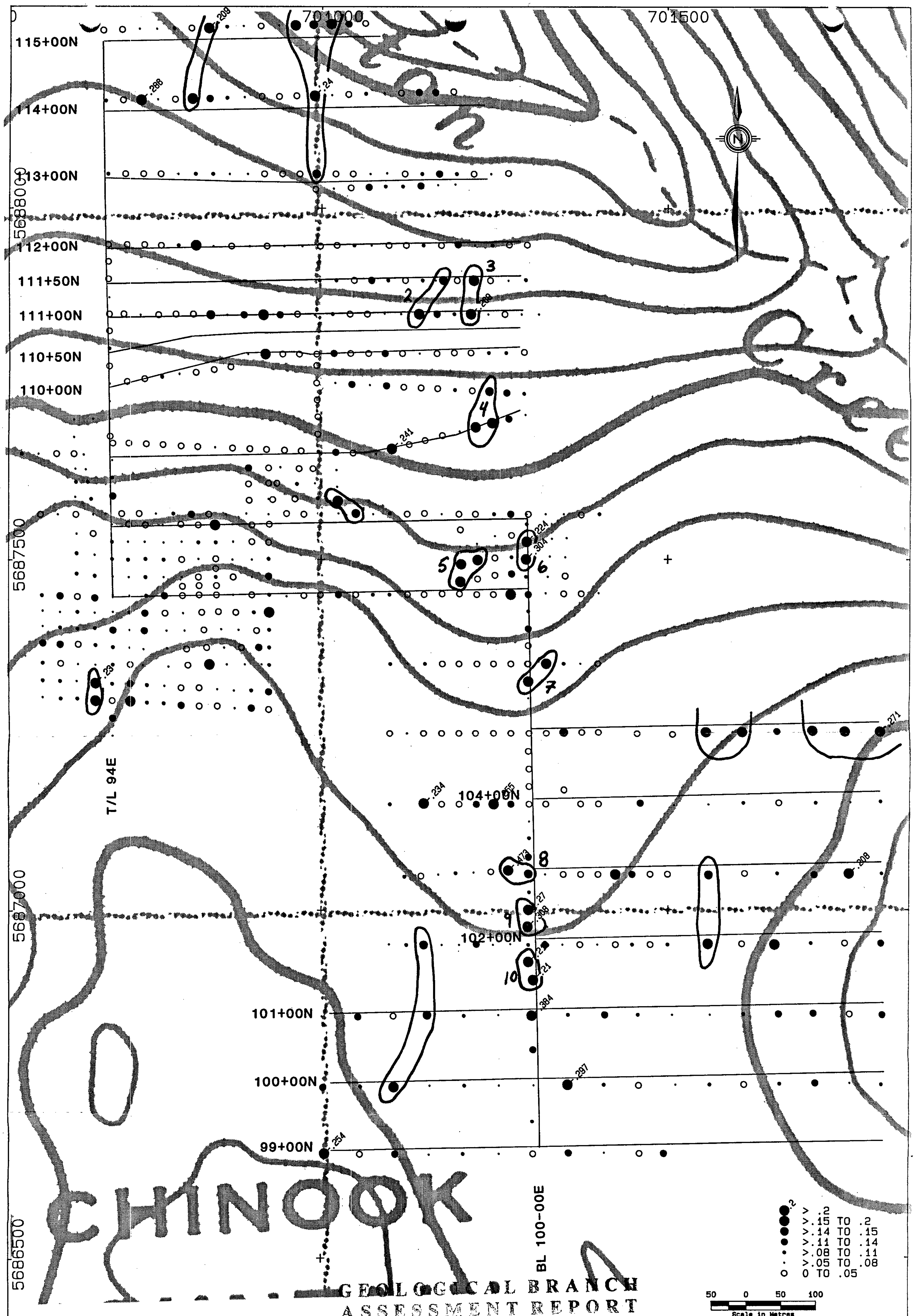
50 0 50 100
Scale in Metres

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,596

CM CLAIMS COMPILATION
BARRIERE PROJECT - B.C.
1986-1987 SOIL SURVEYS
Titanium (%)

	DATE: NOV/87	PROJECT#: 565	FIG.
	NTS: 92P/8	SCALE 1: 5000	8 W



GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,596

CM CLAIMS COMPILATION

BARRIERE PROJECT – B.C.

1986–1987 SOIL SURVEYS

Phosphorus (%)

	DATE: NOV/87	PROJECT#: 565	FIG.
	NTS: 92P/8	SCALE 1: 5000	8 X

discontinuous. Remaining P anomalies appear unrelated to base metal or Au anomalies. The Au prospect trend is represented by a negative anomaly, P values of less than 0.05% flanked by backgrounds in the 0.1% range. Anomaly threshold is 0.14%.

g) **Discussion of Results**

Geochemical distributions on the CM claims are highlighted by an outstanding Cu anomaly over 1 km long but quite narrow (100 m), trending a little west of north-south, parallelling known Cu prospects in the area, several conductors, and an area of ferrocrete cementation of glacial overburden. Maximum Cu values are in the 100 to 300 ppm range except near the known prospects where values can exceed 1000 ppm. The Cu anomaly is accompanied by a core of Zn enrichment at the northern and southern ends of the zone, and by periferal zones of As and Ba accumulation to the east. The Cu zone proper is also heterogeneously enhanced in Ba as well as in Fe,Cr,Sr,Ca,Mg and P.

The Au anomaly in the west is reflected most strikingly by the Mn distribution where several homogeneous zones of enhancement trending northeast lie immediately adjacent to the Au prospect. The Au distribution itself is spotty, weak

anomalies along the northeast mineralized trend being followed up to locate Au bedrock occurrences. Accompanying Au in a pathfinder relationship includes As, Cu and Sr. More sampling is needed to the southwest to fully define the extent of anomalous zones.

Two other anomalous situations are worthy of followup. These include a Cu-Zn-Ag anomaly 150 m west of the southern end of the main Cu trend, and a high contrast Zn anomaly in the northwest (anomalies #3 and 5 on Figure 8D). Both merit detailed investigation.

h) Conclusions

The soil survey on the CM claims has indentified four anomalous zones worthy of followup. Additional sampling is needed to the west of the existing grid to fully outline potential zones of interest.

DIAMOND DRILLING

During August 21st-29th, 1987, two diamond drill holes totalling 242.99 m were completed on the CM claims. Diamond drilling was under contract to Iron Mountain Drilling Ltd., of Merritt, B.C. A Longyear 44 wireline rig was used to drill the NQ sized holes.

The drill program was carried out to test the 'Gold Zone' vein system containing sporadic values in gold and hole locations are plotted on Figure 5. The core was logged by R. Farmer at a warehouse in Barriere, B.C. Table 2 summarizes all pertinent drill data.

Table 2

Diamond Drill Hole Data

Hole No.	Grid Location	Elevation	Azimuth	Dip	Length	Casing	Claim
CM-87-1	L10+75N-94+75E	1073m	140°	-45°	114.94m	left in hole	CM 2
CM-87-2	L107+10N-93+75E	1089m	130°	-50°	128.05m	left in hole	CM2

Core recovery averaged around 80% due to numerous sections of badly broken ground and drilling was slow due to broken ground and caving. Newhykulston Creek was used as a water source and water was trucked to the sites using a 4 x 4 pickup with a 200 gallon tank.

Selected portions of the core were split and analysed for 30 elements by ICP and gold by (AA). A total of 81 samples were collected and sent to Acme Analytical Labs Ltd., Vancouver, B.C. Sample locations and lengths are shown on the Drill Sections Figures 9 and 10. Drill logs are included in Appendix VI and certificate of analyses for all core samples are included in Appendix V. Core is stored in a warehouse in Barriere, B.C.

DDH CM 87-1

This hole tested a prominent quartz/carbonate vein system and associated brecciated and veined volcanics which contain inconsistent values in gold (up to 13 g/t over 1.0 metre).

The hole was drilled entirely within Fennell Formation basalts which are massive to locally brecciated, with the exception of one narrow zone of massive, aphanitic chert at 68.59-69.6 metres.

Several zones of intense veining and brecciation were intersected; i.e., 17.5m-33.84m, 58.14m-59.15m, 66.46-67.46 and, 107.06m-107.86m; however, results were generally poor. Best results are as follows:

Section	Sample No.	Au (ppb)
17.5-18.0 m	200929	165
30.85-31.4 m	200939	215
58.14-59.15m	200961	1270
78.0-278.5m	200967	290

The vein system shows little or no flanking alteration and often could be described as zones of tectonic brecciation consisting of subrounded to very angular fragments of basalt within a quartz/carbonate matrix. Sulphides are rare to absent.

DDH CM-87-2

This hole was collared 100 metres west of hole #1 to test the vein system along strike. The vein system was intersected at 47.4-60.16 m and results were again disappointing. The vein system is similar to hole #1 in that it is a breccia, in this case multilithic with clasts of chert, argillite and volcanics in a matrix of quartz and carbonate.

Hole #2 interesected, in general; mafic volcanics to 91.18 m; metasediments (chert and argillite) from 91.18 m to 121.0 m and mafic volcanics again from 121.0 m to 128.05 m (E.O.H.).

Within the metasediment horizon at 111.15 m to 112.6 m, massive sulphide was intersected (chalcopyrite+pyrite+pyrrhotite$\pm$ sphalerite). Strike of the massive sulphides is subparallel to the core axis. True thickness is estimated to be 0.8 metres. The massive sulphides are underlain by strongly graphitic argillite and the section is intruded by mafic dykes.

Significant results are as follows:

a) **Vein System**

Section	Sample No.	Au (ppb)
8.08-9.15m	200971	265
55.18-56.1m	200995	435
57.47-58.23m	200997	250

b) **Massive Sulphides**

			(ppm except where otherwise noted)		
Section	Sample No.	Au (ppb)	Cu	Zn	Ag
110.94-111.15	202003 (HW)	58	44482	666	14.3
111.15-111.73	202004 (MS)	380	15.55%	0.32%	42.2g/t
111.73-112.6	202005 (MS)	104	26894	3861	9.7
112.6 -113.8	202006 (FW)	13	12908	320	3.7

Weighted average grades for copper are as follows:

7.83% copper/1.45 metres core length

or 4.84% copper/2.86 metres core length

c) **Conclusions**

Both diamond drill holes intersected the vein system. Results are discouraging confirming the sporadic nature of gold mineralization observed on the surface. Prospecting should be carried out along the trend of the vein system to identifty areas of more consistent vein mineralization.

Hole CM-87-2 intersected narrow massive sulphide mineralization rich in copper associated with chert and argillite. The massive sulphide has a weighted average grade of 7.83% Cu/1.45 metres core length and true width is estimated at 0.8 metres.

Geophysics consisting of long cable EM should be carried out to provide targets for additional drilling on the massive sulphide zone.

CONCLUSIONS

A total of 7.3 line kilometres of grid was established on the CM claims.

One weak EM anomaly was identified which is interpreted as a shallow zone of enhanced conductivity likely representing exposed mineralization. The anomaly does not extend beyond exposed mineralization.

Geological mapping identified a zone of intense quartz/carbonate veining in the southwest corner of the grid which carries sporadic values in gold.

The soil survey has identified four anomalous zones which should be followed up. One extends upslope to the south from the known

mineralization. A second reflects the quartz/carbonate vein system. The remaining two occur off of the presently established grid system and the grid should be expanded to detail these.

Two diamond drill holes were drilled to test the vein system. While both holes intersected zones of intense quartz carbonate veining results were disappointing. Hole CM-87-2 intersected a narrow zone of massive sulphide near the bottom of the hole which definitely requires followup.

REFERENCES

1. Preto, V.A. and Schiarizza, P. (1984): Geology of the Adams Plateau-Clearwater Area. B.C. Ministry of Energy, Mines and Petroleum Resources; Preliminary Map No. 56.

2. Schiarizza, P. (1983): Geology of the Barriere River-Clearwater Area. B.C. Ministry of Energy, Mines and Petroleum Resources; Preliminary Map No. 53.

3. Dvorak, Z. and Fraser, D.C. (1979): Dighem III Survey of North Thompson River, British Columbia, for Craigmont Mines Limited by Dighem Limited; Assessment Report No. 7659.

4. Assessment Report #7555, Nook Claims by Noranda Exploration.

APPENDIX I

Statement of Costs

COST STATEMENT

1. **Linecutting** - May 20 - 23 - Brad Riffal
   7.3 km @ $325/km

$ 2,372.50

2. **Geophysics** - June 26-28 Max/Min EM -
   MWH Geophysics Ltd.

   3 days @ $550/day

$ 1,650.00

3. **Geochemical** - Soil Survey

   A. Labour

   i) Dr. S.J. Hoffman - June 23,24
   September 4,5,6,,7,8
   Report 2 days -
   9 days @ $300/day $2,700.00

   ii) Dean de La Mothe - September 4,5,6,7,8
   5 days @ $150/day 750.00

   iii) Peter Proctor - June 23,24
   2 days @ $59/day 118.00

   B. Analysis

   563 samples for ICP+Au @ $11.35/sample $6,390,05
   Acme Analytical Labs Ltd.

Subtotal Geochemical: $ 9,958.00

4. **Geolgical Mapping**

   i) R. Farmer - May 26,28,29
   3 days @ $180/day $ 540.00

   ii) P. Proctor - May 26,28,29
   3 days @ $59/day 177.00

Subtotal Geological: $ 717.00

5. Diamond Drilling

i)	Iron Mountain - 797 ft. @ $21.00	$16,737.00
	Misc: Lowbed	1,000.00
	Cat time 19 hrs. @ $60/hr.	1,200.00
	Casing left in holes 20 ft.	706.00
		$21,911.00

ii) Logging and Sampling:

a) R. Farmer -	Aug. 21,23,24,25,26, 28,29,30 8 days @ $180/day	$ 1,440.00
b) P. Proctor -	Aug. 27,29,31 3 days @ $59/day	177.00
c) W. Piotrowski-	Aug. 26,27,29,31 4 days @ $69/day	276.00
		$ 1,893.00

iii) Analytical:

80 samples for ICP+Au @ $13.25/ea.	$ 1,060.00
1 sample - assay Cu,Pb,Zn,Ag,Au @ $21.75	21.75

Subtotal Drilling Cost: $24,885.75

6. Transportation:

3/4 ton truck including fuel
20 days @ $35/day

$ 700.00

7. Accommodation and Food:

Room and Board:

1.	Geochemical Survey 18 man-days @ $20/day	$ 360.00
2.	Geological Mapping 6 man-days @ $20/day	120.00
3.	Diamond Drilling 15 man-days @ $20/day	300.00

Subtotal Accommodation and Food: $ 780.00

8. **Report Preparation:**

a)	Drafting - 3 days @ $130/day	$ 390.00
b)	Typing - 4 days @ $115/day	460.00
c)	Report Writing - 5 days @ $180/day	900.00

Subtotal Report Preparation: $ 1,750.00

TOTAL COST OF PROGRAM: $42,813.25

Cost Allocation:

3 Years applied to each of CM 1,2,3,4,5,6

$36,800.00

Amount appplied to PAC Account
BP Resources Canada Limited

$ 6,013.00

APPENDIX II

Certifcate of Author

CERTIFICATE OF AUTHOR

I, Randy Farmer, of #103-4955 Newton Street, Burnaby, British Columbia, hereby certify that:

1. I am a geologist residing at the above address.

2. I am a graduate of Lakehead University, Thunder Bay, Ontario, with an Honours B.Sc. degree in Geology (1980).

3. I have practiced my profession for more than seven (7) years.

4. I supervised the linecutting, ground geophysics, geology and diamond drilling on CM 1-6 claims and reviewed the data described herein.

5. I hold no interest, direct or indirect, in the CM claims which are the subject of this report.

Respectfully submitted,

Randy Farmer

Randy Farmer
Project Geologist

CERTIFICATE OF AUTHOR

List of Qualifications - S. J. Hoffman

BSc 1969 - McGill University (Hons., Geology and Chemistry)

MSc 1972 - The University of British Columbia (Geochemistry)

PhD 1976 - The University of British Columbia (Geochemistry)

List of Publications (to December, 1987)

2 - Thesis (unpublished)

13 - Scientific papers in referred journals (3 in the last 3 years)

1 - Published Geochemical Manual (report writing)

1 - Unpublished Manual - Organization of a Geochemical Symposium

1 - Book (Reviews in Economic Geology - Volume 3)

3 - Scientific papers in unreferred journals (2 in press)

1 - Scientific paper in preparation

List of Memberships

1. Fellow Geological Association of Canada, since 1967.
2. Canadian Institute of Mining and Metallurgy, since 1973.
3. Association of Exploration Geochemists, since 1973.
4. American Society of Agronomy, since 1973.
5. Geochemical Society, since 1983.
6. International Association of Geochemistry and Cosmochemistry, since 1986.

Other Organizations

1. Council member symposium committee chairman, president, Association of Exploration Geochemists (1980-1987).
2. Lecturer, B.C. Department Mines Prospecting Course, (1977-1987, B.C. & Yukon Chamber of Mines (1987), Northwest Mining Association (1979, 1985), Brokers Course (1984, 1985).
3. Chairman, GOLD-81 and GEOEXPO/86 Symposia.

CERTIFICATE OF ALAN J. WYNNE

1. I am a consulting Geophysicist with offices at 9515 Maryland Drive, Sidney, B.C., V8L 3X9.

2. I am graduate in Geophysics/Geology of the University of British Columbia, B.Sc 1976.

3. I have practised my profession for the past 10 years.

4. That I am member of the Society of Exploration Geophysicists.

5. The work reported on herein was supervised by me.

6. I own no direct or indirect interests in the subject property.

Alan J. Wynne, B.Sc

Sidney, B.C.
November, 1987

APPENDIX III

Analytical Procedure

ACME ANALYTICAL LABORATORIES LTD.
Assaying & Trace Analysis
852 E. Hastings St. Vancouver, B.C. V6A 1R6
Telephone : 253 - 3158

GEOCHEMICAL LABORATORY METHODOLOGY - 1984

Sample Preparation

1. Soil samples are dried at 60°C and sieved to -80 mesh.
2. Rock samples are pulverized to -100 mesh.

Geochemical Analysis (AA and ICP)

0.5 gram samples are digested in hot dilute aqua regia in a boiling water bath and diluted to 10 ml with demineralized water. Extracted metals are determined by :

A. Atomic Absorption (AA)

Ag*, Bi*, Cd*, Co, Cu, Fe, Ga, In, Mn, Mo, Ni, Pb, Sb*, Tl, V, Zn
(* denotes with background correction.)

B. Inductively Coupled Argon Plasma (ICP)

Ag, Al, As, Au, B, Ba, Bi, Ca, Cd, Co, Cu, Cr, Fe, K, La, Mg, Mn, Mo, Na, Ni, P, Pb, Sb, Sr, Th, Ti, U, V, W, Zn.

Geochemical Analysis for Au*

10.0 gram samples that have been ignited overnite at 600°C are digested with hot dilute aqua regia, and the clear solution obtained is extracted with Methyl Isobutyl Ketone.

Au is determined in the MIBK extract by Atomic Absorption using background correction (Detection Limit = 5 ppb direct AA and 1 ppb graphite AA.)

Geochemical Analysis for Au**, Pd, Pt, Rh

10.0 - 30.0 gram samples are subjected to Fire Assay preconcentration techniques to produce silver beads.

The silver beads are dissolved and Au, Pd, Pt and Rh are determined in the solution by graphite furnace Atomic Absorption.

Geochemical Analysis for As

0.5 gram samples are digested with hot dilute aqua regia and diluted to 10 ml. As is determined in the solution by Graphite Furnace Atomic Absorption (AA) or by Inductively Coupled Argon Plasma (ICP).

Geochemical Analysis for Barium

0.1 gram samples are digested with hot NaOH and EDTA solution, and diluted to 10 ml.

Ba is determined in the solution by Atomic Absorption or ICP.

Geochemical Analysis for Tungsten

1.0 gram samples are fused with KCl, KNO_3 and Na_2CO_3 flux in a test tube, and the fusions are leached with 20 ml water. W in the solution determined by ICP with a detection of 1 ppm.

APPENDIX IV

Method of Contour Selection from Histograms

RULES FOR CHOICE OF SIZE CODING OR CONTOURING INTERVALS

(1) Examine both arithmetic and logarithmic histograms for each geochemical survey. Choose the histogram which most closely approximates a normal (or lognormal) distribution. If several populations are present on the histogram, subjectively divide the data into a series of (overlapping ?) normal or lognormal distributions. Always avoid interpreting histograms which are strongly skewed. Portions of arithmetic or logarithmic histograms may be chosen over specific metal concentration intervals, if this allows for the best portrayal of the data in graphical form.

(2) Choose, as two of the coding intervals, points which represent between 90% and 95%, and 95% and 97.5% of the data; two different numbers. These choices highlight from 1 in 10 to 1 in 20 samples which are considered slightly anomalous and strongly anomalous, respectively. These limits are optimistic in that the two categories are defined to be anomalous regardless of the distribution of values on the remainder of the histogram. A rigorous statistical approach would suggest that only values above the 97.5 percentile should be considered anomalous. Choice of any of the above percentiles is entirely subjective and meant to highlight the highest values of the survey.

(3) Divide the remaining portion of the histogram into recognizable populations. The dividing point of each of these populations is chosen as a coding interval. Artifacts introduced as a consequence of detection limit considerations are ignored. These artificial breaks in the histogram can be recognized by referring to the laboratory reports and scanning data results.

(4) For each population, choose one or two numbers which correspond to the 90% and 95% cumulative frequencies for that population (1 in 10 and 1 in 20 samples for that population). These will also be used to represent anomalous conditions for each population. Coding intervals can be no closer than 2X the detection limit for each element being considered.

(5) A maximum of six numbers can be chosen to plot symbol maps. This number is dictated by the ability to present data in graphical form with sufficiently different symbol sizes for them to be easily distinguishable, particularly if maps are to be reduced. The seven defined concentration classes are normally sufficient to represent geochemical data on a map. More intervals can be chosen if data are to be contoured. Avoid choosing arithmetic intervals without considering rules (1) and (4).

(6) Maps plotted using the preceeding instructions might result in two areas being distinguished from each other by a relatively uniform density of symbol sizes, yet only poor contrast anomalies are indicated. Differences between the two areas, A and B, might be due to underlying geology, overburden character, soils etc. Whatever the cause, the data are not well displayed. If the underlying control distinguishing A and B can be recognized, the data can be divided and re-interpreted following steps (1) to (5). Two sets of maps can be drawn, or both sets of interpreted data can be plotted on a single map. For such superimposed geochemical maps, symbol sizes lose their absolute meaning but assume a more important stance, that of reflecting anomalous conditions regardless of the underlying control. To illustrate, consider the case where A and B are areas underlain by very different geology. Anomalous conditions for low background rock types might be concentrations which are much lower than average values for the high background rock types. Nevertheless, anomalies defined in each area are considered significant. Reliance on absolute concentrations can be misleading in such cases.

APPENDIX V

Sample Results - Acme Certificates

SOIL SAMPLES

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

GEOCHEMICAL ICP ANALYSIS

.500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG.C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE CA P LA CR MG BA TI B W AND LIMITED FOR NA AND K. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: SOILS -80MESH AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JUNE 26 1987 DATE REPORT MAILED: July 1/87 ASSAYER. D. Toye .DEAN TOYE, CERTIFIED B.C. ASSAYER

SELCO-A DIVISION OF BP PROJECT - 565 File # 87-2015 Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
5087565 201001	2	17	12	85	.1	36	10	244	2.93	6	5	ND	2	17	1	2	2	70	.49	.084	5	36	.46	128	.25	2	3.69	.02	.03	1	2
5087565 201003	4	59	10	86	.3	29	8	376	2.63	5	5	ND	2	20	1	2	2	57	.57	.137	4	27	.43	112	.21	3	2.88	.01	.05	1	1
5087565 201004	1	12	9	62	.1	23	8	460	2.14	3	5	ND	1	12	1	2	3	58	.51	.039	4	25	.40	69	.25	2	1.98	.02	.03	1	1
5087565 201005	1	19	6	83	.1	40	11	280	2.79	7	5	ND	2	15	1	2	3	63	.50	.104	5	38	.65	119	.25	2	2.84	.02	.05	1	2
5087565 201006	1	14	10	102	.1	30	9	432	2.27	4	5	ND	2	16	1	2	2	52	.49	.090	4	33	.51	84	.22	2	2.14	.02	.05	1	1
5087565 201007	1	14	5	97	.1	34	10	600	2.35	3	5	ND	2	13	1	2	2	54	.46	.108	4	30	.49	84	.21	3	2.32	.02	.06	1	1
5087565 201008	1	14	11	66	.1	34	11	221	2.85	2	5	ND	2	19	1	2	2	67	.49	.047	5	31	.47	130	.28	4	3.27	.02	.04	1	2
RE 5087565 201035	1	28	10	91	.2	30	13	463	3.70	3	5	ND	2	17	1	2	2	107	.94	.023	4	42	.84	66	.37	2	3.27	.01	.04	1	1
5087565 201009	1	23	8	41	.3	26	7	218	2.23	2	5	ND	2	29	1	2	2	41	.99	.025	7	53	.39	67	.18	3	2.47	.02	.05	2	1
5087565 201010	1	246	21	425	.8	45	13	378	4.03	9	5	ND	2	15	1	2	3	87	.61	.080	5	53	.88	760	.26	2	3.09	.01	.06	1	5
5087565 201011	1	16	9	106	.2	25	9	482	2.04	3	5	ND	2	12	1	2	2	48	.42	.079	4	27	.34	131	.20	2	2.25	.02	.04	1	1
5087565 201012	1	47	8	170	.1	24	8	385	2.31	7	5	ND	2	11	1	2	2	47	.38	.178	6	31	.41	205	.18	2	2.10	.02	.03	1	1
5087565 201013	1	24	9	71	.1	21	7	227	2.05	2	5	ND	2	10	1	2	2	43	.38	.124	5	26	.36	107	.19	2	2.14	.02	.03	1	1
5087565 201014	1	19	10	76	.1	21	9	425	2.40	6	5	ND	2	10	1	3	2	53	.48	.108	4	27	.42	163	.15	2	2.17	.01	.03	1	1
5087565 201015	1	16	9	74	.1	25	7	347	2.40	13	5	ND	2	14	1	2	2	48	.41	.269	4	33	.31	111	.16	3	3.45	.02	.04	1	1
5087565 201021	1	13	7	94	.1	25	10	581	2.35	2	5	ND	1	13	1	2	2	64	.68	.030	3	31	.54	85	.29	3	2.58	.01	.04	1	1
5087565 201022	1	20	9	91	.1	23	7	216	2.28	2	5	ND	3	13	1	2	2	46	.31	.076	4	19	.35	74	.20	2	3.23	.03	.05	1	2
5087565 201023	1	18	5	107	.2	25	7	230	2.18	2	5	ND	2	14	1	2	2	47	.40	.063	4	22	.39	95	.20	2	2.96	.03	.06	1	1
5087565 201024	1	18	9	119	.1	30	8	465	2.26	2	5	ND	2	11	1	2	2	50	.47	.078	4	25	.44	101	.21	3	2.48	.02	.05	1	1
5087565 201025	1	19	8	83	.1	32	10	295	2.61	2	5	ND	1	12	1	2	2	64	.59	.040	3	33	.60	119	.28	2	2.70	.01	.05	1	1
STD C	20	55	38	128	6.8	64	26	953	3.78	41	21	7	33	44	17	15	20	60	.45	.082	34	52	.85	161	.07	35	1.73	.06	.12	14	-
5087565 201026	1	25	9	75	.1	34	12	244	3.13	2	5	ND	2	17	1	2	2	74	.64	.062	4	40	.72	132	.30	2	3.35	.02	.06	1	2
5087565 201027	1	42	6	84	.1	34	12	359	3.11	2	5	ND	1	14	1	2	2	88	.84	.037	3	41	.76	83	.34	2	2.65	.01	.04	1	1
5087565 201028	1	26	10	107	.1	34	10	311	2.68	2	5	ND	2	13	1	2	2	65	.54	.071	4	32	.55	133	.26	2	2.95	.02	.03	1	1
5087565 201029	1	14	7	101	.1	24	7	370	2.12	2	5	ND	2	13	1	2	2	46	.37	.081	3	22	.38	99	.20	2	2.59	.02	.04	1	1
5087565 201030	1	21	6	85	.1	23	9	377	2.67	2	5	ND	2	16	1	3	2	77	.69	.020	4	30	.53	102	.32	2	2.61	.01	.05	1	2
5087565 201031	1	20	8	128	.1	27	8	320	2.29	2	5	ND	1	14	1	2	2	46	.43	.121	3	21	.39	106	.20	2	2.84	.02	.04	1	1
5087565 201032	1	16	6	105	.1	32	9	255	2.31	2	5	ND	2	13	1	2	2	52	.45	.064	3	25	.41	133	.22	2	2.70	.02	.04	1	1
5087565 201033	1	15	8	129	.1	24	10	979	2.44	3	5	ND	2	13	1	2	2	58	.42	.073	3	24	.45	100	.21	2	2.38	.02	.05	1	1
5087565 201034	1	29	12	123	.1	33	13	652	3.18	2	5	ND	2	17	1	2	2	72	.58	.065	4	29	.73	122	.25	2	3.37	.01	.04	1	2
5087565 201035	1	28	11	82	.1	30	13	469	3.72	4	5	ND	1	17	1	2	2	106	.91	.023	4	37	.83	66	.37	2	3.16	.01	.03	1	2
5087565 201036	1	16	6	94	.1	23	9	562	2.55	2	5	ND	2	15	1	2	2	67	.82	.029	3	32	.61	82	.32	2	2.52	.01	.04	1	1
5087565 201037	1	46	7	101	.1	42	15	1038	4.23	4	5	ND	3	18	1	2	2	113	.73	.049	5	64	.98	128	.34	2	3.62	.01	.03	1	1
5087565 201038	1	23	10	145	.2	38	13	1223	3.38	2	7	ND	2	15	1	2	2	80	.56	.056	4	45	.76	141	.28	2	3.37	.01	.05	1	1
5087565 201039	1	28	9	115	.1	34	11	657	3.02	3	5	ND	2	14	1	2	2	66	.38	.075	4	32	.60	189	.26	2	3.83	.02	.04	1	1
5087565 201040	1	27	8	131	.1	33	13	717	3.31	4	5	ND	1	20	1	2	2	76	.55	.053	4	35	.81	111	.23	2	3.33	.02	.04	1	2
5087565 201041	1	46	9	223	.6	47	13	500	3.49	6	5	ND	3	11	1	2	3	74	.38	.119	5	42	.73	129	.27	2	3.67	.02	.04	1	1
5086565 201042	1	22	7	132	.1	29	10	840	2.58	3	5	ND	2	10	1	2	2	55	.29	.128	4	30	.46	99	.20	2	3.08	.02	.04	1	1
STD C/AU-S	19	58	38	134	6.8	67	27	986	3.97	38	18	7	34	47	17	17	20	63	.48	.083	35	53	.88	178	.38	32	1.84	.06	.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	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
5086565 201043	1	36	9	112	.1	38	14	579	3.34	7	5	ND	2	16	1	2	2	77	.45	.074	6	51	.66	101	.29	2	3.48	.03	.05	1	66
5086565 201044	1	20	9	142	.1	34	10	744	2.63	2	5	ND	2	14	1	2	2	57	.39	.075	4	34	.52	128	.24	2	3.02	.02	.05	1	1
5086565 201045	1	25	9	89	.1	32	10	414	2.71	4	5	ND	3	12	1	2	2	61	.50	.081	6	39	.55	95	.27	2	3.14	.02	.03	1	2
5086565 201046	1	17	9	82	.1	43	9	380	2.25	2	5	ND	1	12	1	2	2	47	.35	.054	3	30	.44	108	.21	2	2.71	.02	.03	1	1
5086565 201047	1	25	8	94	.1	31	9	474	2.55	3	5	ND	2	12	1	2	2	53	.38	.072	5	38	.47	130	.24	2	3.08	.02	.04	1	1
5086565 201048	1	24	8	113	.1	30	10	538	2.56	2	5	ND	1	15	1	2	2	62	.54	.041	4	36	.51	137	.30	2	2.83	.02	.03	1	1
5086565 201049	1	28	12	96	.2	23	8	476	2.11	9	5	ND	2	12	1	2	2	45	.27	.075	7	24	.32	84	.19	2	2.58	.03	.04	1	2
STD C	20	57	37	132	6.7	67	27	987	3.69	38	22	7	36	47	17	16	18	57	.44	.082	35	56	.83	175	.08	38	1.72	.06	.12	14	-
5086565 994201	1	17	8	42	.1	40	10	208	2.77	2	5	ND	2	22	1	2	2	64	.62	.017	5	40	.52	109	.30	2	3.41	.03	.05	1	1
5086565 994202	1	11	4	35	.1	32	9	203	2.17	2	5	ND	2	18	1	3	2	56	.57	.030	4	34	.47	98	.29	2	2.35	.02	.03	1	1
RE 5086565 994235	1	43	8	80	.1	42	14	270	3.56	5	5	ND	2	17	1	2	2	84	.53	.054	4	62	.69	160	.32	2	3.82	.02	.04	1	3
5086565 994203	1	15	9	60	.1	36	11	261	2.60	2	5	ND	2	18	1	2	2	60	.55	.087	4	39	.43	96	.25	3	2.85	.02	.03	1	1
5086565 994204	1	11	8	57	.1	24	9	301	2.28	6	5	ND	2	17	1	2	2	54	.46	.057	3	27	.34	87	.24	2	2.29	.02	.03	1	2
5086565 994205	1	136	7	64	.2	40	13	443	3.58	10	5	ND	3	24	1	2	2	84	1.12	.014	8	68	.94	129	.35	3	2.33	.01	.04	1	1
5086565 994206	1	87	6	142	.3	32	10	209	2.38	6	5	ND	2	12	1	2	2	59	.53	.038	5	42	.61	136	.31	2	1.94	.02	.03	1	1
5086565 994207	1	46	7	118	.1	30	8	253	1.83	4	5	ND	2	13	1	2	2	38	.40	.086	4	27	.36	128	.19	3	2.15	.03	.04	1	1
5086565 994209	1	69	9	43	.2	34	9	234	2.55	11	5	ND	2	15	1	2	2	66	.80	.011	8	49	.65	158	.31	2	2.09	.02	.02	2	12
5086565 994210	1	27	8	63	.1	27	9	414	2.28	11	5	ND	3	14	1	3	2	49	.45	.117	5	39	.53	220	.22	2	1.94	.02	.03	1	1
5086565 994211	1	40	8	64	.2	31	9	219	2.31	8	6	ND	3	17	1	2	2	53	.69	.040	7	42	.46	142	.21	2	2.23	.02	.03	1	3
5086565 994212	1	14	8	75	.1	19	8	231	1.92	6	5	ND	1	9	1	2	2	45	.30	.146	3	27	.29	94	.18	2	1.70	.02	.02	1	1
5086565 994213	1	44	6	74	.1	32	11	278	2.50	5	5	ND	1	14	1	2	2	65	.67	.066	4	43	.77	149	.29	2	1.95	.02	.03	1	2
5086565 994214	1	32	6	104	.1	35	10	330	2.33	4	5	ND	1	13	1	2	2	53	.49	.097	5	32	.56	152	.23	2	2.05	.02	.04	1	1
5086565 994215	1	253	16	82	.4	44	13	348	3.45	11	5	ND	3	18	1	3	2	85	.84	.022	7	63	.77	169	.30	2	2.25	.01	.04	1	19
5086565 994222	1	23	6	79	.1	38	13	343	3.41	4	5	ND	2	17	1	2	2	98	.74	.025	5	54	.82	78	.28	2	3.02	.02	.07	1	1
5086565 994223	1	36	8	111	.2	30	14	426	3.33	10	5	ND	2	15	1	2	2	85	.52	.175	4	34	.60	69	.24	2	2.75	.02	.04	1	1
5086565 994224	1	29	9	86	.1	35	13	322	3.26	6	5	ND	3	12	1	2	2	77	.44	.100	5	47	.62	103	.31	2	3.62	.02	.04	1	1
5086565 994225	1	28	9	85	.1	45	14	376	3.72	2	5	ND	2	18	1	2	2	105	.86	.034	4	62	.98	114	.44	2	3.51	.01	.05	1	2
5086565 994226	1	24	11	83	.1	36	12	687	3.12	2	5	ND	2	16	1	2	2	81	.63	.039	4	53	.68	152	.35	2	3.29	.02	.04	1	1
5086565 994227	1	46	6	99	.3	50	15	432	4.03	9	5	ND	3	17	1	2	2	105	.70	.096	5	76	1.00	97	.35	2	3.66	.01	.04	1	1
5086565 994228	1	32	4	102	.1	37	12	382	2.91	2	5	ND	1	16	1	2	2	79	.85	.033	4	48	.81	134	.38	3	2.90	.01	.03	1	1
5086565 994229	1	38	4	78	.2	35	13	482	3.25	3	5	ND	2	25	1	4	2	97	1.06	.028	4	56	.90	98	.41	2	2.71	.01	.04	1	1
5086565 994230	1	18	8	99	.2	16	9	521	3.05	9	5	ND	1	14	1	3	2	71	.30	.071	4	21	.42	128	.23	2	2.31	.02	.04	1	1
5086565 994231	1	23	9	81	.1	27	9	271	3.94	19	5	ND	2	12	1	2	2	96	.42	.069	4	34	.65	65	.31	2	2.46	.02	.04	1	4
5086565 994232	1	43	15	98	.1	39	15	618	3.90	6	5	ND	2	11	1	2	2	92	.44	.068	5	53	.74	66	.33	3	3.58	.02	.04	1	1
5086565 994233	1	89	10	97	.1	39	15	762	3.32	7	5	ND	1	18	1	2	2	83	.71	.058	4	48	.73	126	.34	3	3.44	.02	.06	2	11
5086565 994234	1	49	8	70	.1	37	15	314	3.80	2	5	ND	3	21	1	3	2	106	.97	.019	6	60	1.09	104	.43	2	2.98	.01	.05	1	5
5086565 994235	1	42	11	80	.1	43	14	271	3.56	4	5	ND	1	17	1	2	2	84	.52	.055	5	60	.68	161	.32	2	3.83	.02	.05	1	2
STD C/AU-S	20	59	40	135	6.9	69	28	1004	3.78	41	20	7	34	48	18	16	19	57	.45	.084	36	58	.84	181	.08	37	1.74	.06	.13	12	54

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
5087565 994236	1	21	10	108	.3	20	9	813	2.86	2	5	ND	2	18	1	2	2	61	.38	.057	5	22	.49	106	.20	3	2.30	.03	.06	1	1
5087565 994237	1	24	12	84	.1	29	12	729	3.57	2	5	ND	2	29	1	4	2	82	.91	.032	4	35	.78	250	.18	4	3.32	.01	.14	1	5
5087565 994238	1	18	9	143	.1	22	11	1527	3.28	2	5	ND	2	25	1	2	2	70	.68	.039	5	21	.69	202	.24	4	3.02	.02	.13	1	16
5087565 994239	1	19	11	101	.1	23	8	493	2.65	3	5	ND	3	13	1	2	2	57	.42	.062	5	26	.45	105	.22	5	2.67	.03	.05	1	1
5087565 994240	1	17	8	119	.1	25	9	710	2.73	2	6	ND	2	15	1	2	2	64	.67	.076	4	35	.61	146	.27	4	2.63	.02	.05	1	1
5087565 994241	2	33	6	70	.1	31	12	324	3.87	2	5	ND	2	26	1	2	2	110	1.28	.032	5	49	1.07	101	.46	4	2.87	.01	.03	1	1
5087565 994242	1	14	10	76	.2	20	6	282	1.97	2	5	ND	2	11	1	2	2	39	.27	.088	4	21	.36	71	.16	3	2.15	.03	.03	1	1
5087565 994243	2	35	4	86	.2	36	12	275	4.35	3	5	ND	2	12	1	2	2	112	.63	.046	5	57	.92	59	.31	3	2.95	.02	.05	1	7
5087565 994244	1	20	14	152	.2	29	8	453	2.54	3	5	ND	2	13	1	2	2	57	.45	.074	5	36	.47	92	.21	3	2.58	.02	.06	1	1
5087565 994245	1	26	11	93	.3	37	12	432	3.75	6	5	ND	2	16	1	2	2	100	.67	.043	5	52	.86	131	.35	4	3.34	.02	.06	1	1
5087565 994246	1	43	8	86	.4	38	12	313	4.07	4	5	ND	3	17	1	2	2	105	.69	.056	7	60	.96	84	.36	4	3.50	.02	.06	1	1
5087565 994247	2	66	5	111	.5	32	19	285	4.45	20	5	ND	2	17	1	4	2	115	.67	.050	4	33	1.12	61	.23	2	2.78	.02	.04	1	10
5087565 994248	1	30	8	120	.2	35	12	810	3.64	2	6	ND	2	15	1	2	2	89	.58	.048	4	45	.73	136	.32	2	3.19	.02	.05	1	1
5087565 994249	1	9	10	54	.1	13	5	270	2.14	2	5	ND	2	11	1	2	2	41	.21	.065	4	18	.26	68	.17	3	2.58	.03	.04	1	1
5087565 994250	1	19	7	91	.1	20	8	473	2.98	2	5	ND	2	13	1	2	2	69	.31	.071	5	28	.53	83	.20	6	1.96	.02	.05	1	1
5087565 994251	1	25	13	111	.1	34	11	575	3.47	2	5	ND	2	12	1	2	2	79	.45	.069	4	53	.68	110	.29	2	3.26	.02	.05	1	1
5087565 994252	2	32	11	126	.1	38	11	995	3.34	5	5	ND	3	15	1	2	2	71	.57	.106	6	50	.76	193	.30	2	3.61	.02	.04	1	1
5087565 994253	1	32	11	122	.3	37	15	809	3.30	4	5	ND	2	24	1	2	2	74	.58	.079	4	49	.99	118	.24	2	3.15	.02	.04	1	3
STD C/AU-S	22	60	39	141	6.6	64	26	1043	4.05	39	16	8	38	51	19	19	20	61	.51	.087	39	62	.91	185	.09	38	1.77	.06	.16	15	48
5087565 994254	1	18	13	107	.3	29	10	323	3.14	5	5	ND	2	12	1	2	2	68	.36	.135	5	35	.57	101	.24	3	3.00	.03	.05	1	1
5087565 994255	2	29	8	99	.1	34	11	474	3.16	2	5	ND	3	18	1	2	2	68	.50	.044	6	43	.76	121	.25	3	3.29	.03	.06	1	1
5087565 994256	1	16	12	90	.1	25	8	593	2.82	2	5	ND	3	14	1	2	2	61	.39	.049	5	36	.52	86	.23	3	2.41	.03	.05	1	1
5087565 994257	2	36	10	120	.1	36	12	435	3.39	2	5	ND	3	15	1	2	2	72	.49	.071	5	47	.74	131	.27	4	3.39	.02	.05	1	5
5087565 994258	2	32	10	126	.1	33	10	584	2.95	2	5	ND	3	13	1	2	2	59	.41	.101	6	40	.62	143	.25	3	3.30	.03	.05	1	1
5087565 994259	1	27	11	126	.1	34	10	1338	2.90	6	5	ND	2	15	1	2	2	61	.51	.081	6	43	.62	156	.25	3	3.09	.02	.06	1	7
5087565 994260	1	24	7	136	.3	45	8	493	2.62	3	5	ND	2	14	1	2	2	52	.45	.101	4	31	.45	96	.21	2	3.16	.02	.07	1	1
5087565 994261	1	17	10	92	.3	30	9	485	2.53	3	5	ND	2	14	1	2	2	64	.57	.022	3	32	.54	111	.27	2	2.58	.02	.04	1	1
5087565 994262	1	15	6	114	.1	26	7	346	2.21	2	5	ND	1	16	1	2	2	49	.42	.038	4	29	.46	101	.20	3	2.25	.03	.05	1	1
5087565 994263	2	26	9	121	.1	41	13	446	3.75	2	5	ND	3	15	1	2	2	75	.46	.077	6	51	.87	129	.27	4	3.68	.03	.07	1	1
5087565 994264	2	37	8	108	.3	46	15	428	4.34	3	5	ND	2	18	1	2	2	105	.59	.107	4	67	1.29	121	.30	3	3.53	.02	.06	1	2
5087565 994265	2	33	11	131	.3	43	13	768	3.58	2	5	ND	3	13	1	2	2	85	.58	.064	5	57	.82	135	.32	3	3.27	.02	.04	1	3

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
5087565 201016	1	25	9	119	.1	35	14	891	3.17	2	5	ND	2	24	1	2	2	83	.81	.036	5	45	.71	132	.36	2	3.28	.02	.09	2	1
5087565 201017	1	20	3	107	.1	31	12	551	2.76	2	5	ND	2	19	1	2	2	66	.77	.041	4	37	.65	91	.34	2	3.05	.02	.08	2	1
5087565 201018	1	23	12	86	.1	27	13	646	3.07	2	5	ND	2	21	1	2	2	82	.98	.027	5	39	.71	93	.41	2	3.03	.02	.08	1	1
5087565 201019	1	33	5	77	.1	33	15	351	3.62	4	5	ND	2	27	1	2	2	92	1.00	.039	5	48	.86	66	.42	2	3.49	.02	.08	1	1
RE 5087565 994221	1	53	10	107	.2	51	21	517	5.74	14	5	ND	1	18	1	2	2	188	.84	.039	5	61	1.23	43	.27	2	3.42	.02	.07	1	16
5087565 201020	1	25	3	133	.1	28	11	448	2.55	2	5	ND	1	15	1	2	2	59	.50	.184	4	29	.59	142	.24	8	2.88	.03	.06	1	5
5087565 994216	1	21	6	71	.1	22	7	156	2.17	2	5	ND	2	21	1	2	2	43	.40	.118	4	18	.32	63	.19	2	2.99	.03	.07	1	3
5087565 994217	2	10	11	81	.2	35	11	247	2.42	6	5	ND	1	16	1	2	2	66	.39	.046	4	33	.40	70	.13	2	2.25	.03	.06	1	129
5087565 994218	1	17	10	83	.1	27	10	285	2.51	3	5	ND	2	13	1	2	2	54	.53	.085	4	28	.46	91	.26	3	2.85	.03	.06	1	1
5087565 994219	1	23	6	100	.1	31	11	428	2.54	3	5	ND	2	15	1	2	2	59	.52	.058	4	35	.41	113	.26	2	2.70	.03	.05	1	1
5087565 994220	1	34	6	125	.1	42	17	489	3.41	5	5	ND	2	22	1	2	2	83	.48	.046	5	34	.81	141	.25	2	3.66	.03	.07	1	2
5087565 994221	1	54	5	108	.1	48	21	518	5.79	16	5	ND	2	18	1	5	2	191	.65	.027	5	64	1.27	43	.27	2	3.42	.02	.07	1	12
STD C/AU-S	21	59	39	127	7.3	70	30	984	3.88	43	18	8	36	51	18	16	21	59	.46	.093	40	58	.85	188	.09	34	1.81	.07	.15	12	48

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

RECEIVED AUG 15 1987 B.C.

GEOCHEMICAL ICP ANALYSIS

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

DATE RECEIVED: AUG 12 1987 DATE REPORT MAILED: Aug 15/87 ASSAYER: D. Toye ..DEAN TOYE, CERTIFIED B.C. ASSAYER

SELCO PROJECT-10112-565 File # 87-3227 Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
[redacted]																															
STD C	19	67	44	135	7.0	72	30	993	4.12	39	21	8	42	52	18	20	23	64	.48	.094	39	68	.95	181	.10	43	1.93	.06	.13	15	-
[redacted]																															
5087565 994196	1	46	13	92	.1	39	14	685	3.51	5	5	ND	4	19	1	2	2	77	.49	.112	6	51	.67	142	.33	3	4.43	.02	.05	2	2
5087565 994197	1	109	12	78	.1	51	17	320	4.63	2	5	ND	4	17	1	2	5	110	.38	.100	7	77	.80	162	.39	9	6.22	.02	.04	2	1
5087565 994198	1	21	13	75	.1	22	7	431	1.93	5	5	ND	2	13	1	2	2	34	.21	.069	6	22	.22	96	.20	11	3.35	.03	.04	1	1
5087565 994199	1	32	11	141	.2	55	12	319	3.03	2	5	ND	3	29	1	2	2	66	.58	.017	4	41	.66	251	.34	9	4.89	.03	.06	4	4
5087565 994200	1	55	14	82	.1	53	19	347	4.93	2	5	ND	2	45	1	2	2	128	.81	.026	5	82	1.37	156	.39	7	4.48	.02	.04	1	1
5087565 994601	1	25	10	111	.1	42	13	509	2.99	5	5	ND	2	20	1	2	2	68	.66	.033	4	46	.72	125	.35	4	3.73	.02	.06	1	2
5087565 994602	1	40	11	67	.1	40	13	297	3.64	2	5	ND	3	20	1	2	2	106	.98	.013	5	62	.90	128	.52	14	3.56	.02	.05	2	4
5087565 994603	1	20	8	88	.1	41	11	200	2.92	2	5	ND	1	15	1	2	3	62	.30	.030	3	38	.52	183	.22	2	3.69	.02	.04	1	1
5087565 994604	1	43	13	65	.1	45	17	453	4.17	4	5	ND	1	17	1	2	2	109	.72	.019	4	76	1.07	75	.25	2	3.22	.02	.03	1	1
5087565 994605	1	16	7	93	.1	29	9	358	2.19	7	5	ND	2	13	1	2	2	47	.39	.067	4	26	.34	99	.24	14	2.58	.03	.04	1	2
5087565 994606	1	33	9	75	.1	38	13	254	3.20	2	5	ND	2	19	1	2	2	86	.82	.019	4	45	.83	145	.43	2	3.81	.02	.03	2	1
5087565 994607	1	19	18	67	.1	29	10	304	2.43	6	5	ND	2	11	1	2	2	63	.55	.039	4	37	.55	82	.33	2	2.43	.02	.05	1	1
5087565 994608	1	18	11	67	.1	36	12	409	2.79	3	5	ND	3	18	1	2	2	78	.83	.020	6	50	.61	125	.40	2	2.68	.02	.05	1	1
5087565 994609	1	17	8	109	.2	33	10	312	2.25	6	5	ND	2	18	1	2	2	57	.45	.034	5	30	.43	91	.21	18	2.64	.03	.06	1	1
5087565 994610	1	26	13	46	.1	32	11	299	2.93	9	5	ND	3	28	1	2	2	94	1.21	.009	7	52	.92	60	.49	16	2.20	.03	.02	1	1
RE 5087565 994190	1	47	11	93	.3	44	15	276	3.73	15	5	ND	2	28	1	2	4	93	.61	.032	4	45	.95	113	.22	6	3.88	.03	.05	1	9
5087565 994611	1	12	13	98	.1	25	9	426	2.08	5	5	ND	3	17	1	2	2	46	.52	.109	5	28	.41	86	.25	14	1.99	.03	.04	1	1
5087565 994612	1	18	11	83	.1	32	10	468	2.34	5	5	ND	3	16	1	2	2	50	.54	.122	8	38	.45	89	.28	2	2.76	.03	.05	1	24
5087565 994613	1	22	7	48	.1	39	12	278	2.94	3	5	ND	3	18	1	2	2	80	.77	.047	7	51	.85	99	.40	12	2.41	.02	.04	1	3
5087565 994614	1	16	14	90	.2	35	11	326	2.62	3	5	ND	2	22	1	2	2	65	.70	.046	5	41	.51	71	.33	2	2.95	.02	.03	1	13
5087565 994615	1	19	16	43	.2	37	8	216	2.33	3	5	ND	4	26	1	2	2	46	.59	.015	10	32	.39	77	.25	2	3.29	.03	.03	1	2
5087565 994616	1	34	12	43	.1	37	14	369	3.50	2	5	ND	3	24	1	2	2	98	1.04	.009	7	64	.91	93	.44	2	2.69	.02	.03	1	1
5087565 994617	1	24	14	37	.1	29	11	310	2.77	3	5	ND	3	18	1	2	2	82	.81	.012	6	54	.78	62	.41	10	2.10	.02	.02	1	1
5087565 994618	1	18	11	33	.1	34	11	244	2.92	8	5	ND	4	25	1	2	2	66	.77	.009	7	47	.67	115	.36	2	3.24	.03	.03	2	6
STD C/AU-S	19	63	43	133	7.0	70	29	1015	3.98	43	22	8	40	55	19	17	18	61	.47	.089	41	64	.88	185	.09	34	1.87	.06	.14	13	49

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
5086565 994619	1	17	15	55	.1	26	10	423	2.45	2	5	ND	3	17	1	2	2	61	.68	.068	6	40	.48	90	.31	5	2.21	.02	.04	1	2
5086565 994620	1	28	11	54	.1	52	12	256	3.45	3	5	ND	5	26	1	2	3	74	.73	.113	7	48	.55	121	.29	5	4.20	.03	.05	1	1
5086565 994621	1	37	12	50	.1	49	15	240	3.53	3	5	ND	4	16	1	2	2	87	.74	.069	6	56	.83	109	.36	2	2.77	.02	.05	1	2
STD C	20	64	41	138	7.5	70	30	1000	4.11	38	16	8	43	54	20	21	24	60	.50	.096	41	63	.92	181	.10	10	1.96	.06	.14	16	-
5086565 994622	1	35	14	72	.1	58	12	267	2.99	2	5	ND	4	24	1	2	2	52	.54	.120	5	51	.45	130	.23	5	4.80	.03	.05	1	4
5086565 994623	1	34	12	68	.1	34	10	171	2.86	2	5	ND	2	15	1	2	2	62	.58	.048	7	38	.40	116	.25	2	3.32	.03	.03	1	2
5086565 994624	1	67	16	53	.1	39	13	255	3.45	7	5	ND	3	16	1	2	2	91	.94	.042	6	59	.91	142	.37	4	2.65	.02	.04	1	2
5086565 994625	1	106	16	131	.1	52	17	336	4.30	5	5	ND	4	16	1	2	2	102	.89	.017	7	92	1.39	244	.31	4	2.77	.02	.03	1	6
5086565 994626	1	108	21	163	.1	30	12	314	2.78	6	5	ND	2	13	1	2	2	55	.51	.106	6	41	.56	200	.25	4	2.62	.03	.03	1	5
5086565 994627	1	314	18	63	.6	35	15	430	3.78	10	5	ND	5	18	1	2	2	79	1.12	.017	8	64	1.06	241	.40	4	2.24	.03	.04	1	7
5086565 994628	1	19	17	67	.1	22	9	367	2.23	10	5	ND	2	13	1	2	2	41	.37	.149	5	31	.37	105	.21	2	2.59	.03	.05	1	3
5086565 994629	1	13	16	83	.1	21	7	447	1.77	6	5	ND	1	19	1	2	2	33	.41	.135	4	22	.24	115	.16	2	2.10	.03	.05	1	1
5086565 994630	1	52	15	59	.2	36	13	213	3.05	4	5	ND	3	16	1	2	2	54	.40	.087	6	50	.63	192	.27	3	4.39	.03	.05	1	1
5086565 994631	1	32	15	69	.1	46	13	243	2.78	11	5	ND	3	13	1	2	2	55	.46	.077	4	57	.73	104	.29	3	3.18	.03	.05	2	1
5086565 994632	1	27	24	92	.1	34	14	490	2.66	11	5	ND	2	13	1	2	2	56	.40	.077	4	57	.74	155	.27	4	2.20	.03	.05	1	2
5086565 994633	1	32	13	55	.1	42	14	254	3.25	8	5	ND	2	16	1	2	2	80	.73	.013	4	81	.99	181	.37	2	2.86	.03	.05	1	1
5086565 994634	1	12	17	56	.1	25	8	417	1.85	7	5	ND	2	15	1	2	2	37	.44	.053	5	28	.31	93	.22	5	2.46	.03	.05	1	1
5086565 994635	1	19	14	65	.1	29	9	296	2.27	13	5	ND	2	15	1	2	2	42	.39	.171	5	35	.41	191	.22	2	2.85	.03	.05	1	5
5086565 994636	1	39	15	62	.1	37	15	332	3.07	12	5	ND	2	13	1	2	2	76	.52	.024	5	65	.97	310	.29	2	2.39	.02	.06	1	15
5086565 994637	1	20	18	73	.1	37	11	246	2.35	8	5	ND	3	13	1	2	2	49	.46	.057	5	40	.54	170	.28	2	2.48	.02	.06	1	4
RE 5086565 994628	1	18	13	66	.1	21	9	360	2.20	10	5	ND	2	13	1	2	2	40	.36	.148	5	30	.37	101	.20	2	2.52	.02	.05	1	3
5086565 994638	1	20	17	63	.1	35	10	209	2.33	10	5	ND	3	11	1	2	2	44	.31	.101	5	35	.41	109	.24	2	2.79	.03	.05	1	1
5086565 994639	1	17	15	47	.1	33	11	418	2.25	13	5	ND	2	13	1	2	2	48	.40	.042	4	35	.40	98	.28	3	2.31	.03	.06	1	4
5086565 994640	1	26	14	53	.1	36	11	262	2.56	6	5	ND	2	15	1	2	2	55	.51	.043	6	54	.69	104	.30	3	2.64	.03	.07	1	3
5086565 994641	1	32	20	74	.1	42	12	264	2.65	7	5	ND	1	15	1	2	2	55	.49	.083	5	48	.62	196	.26	3	3.07	.03	.06	1	1
5086565 994642	1	17	11	50	.1	20	8	289	1.78	5	5	ND	1	12	1	2	2	42	.41	.078	4	31	.41	221	.22	3	1.63	.03	.05	1	1
STD C/AU-S	18	60	41	132	7.2	68	29	950	3.96	36	25	7	38	52	18	17	20	58	.48	.088	38	60	.88	180	.09	33	1.86	.06	.14	13	49

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

RECEIVED
AUG 18 1987
SELCO EP RESOURCES
DATE RECEIVED: B.C. AUG 13 1987

GEOCHEMICAL ICP ANALYSIS

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

DATE REPORT MAILED: Aug 17/87 ASSAYER. D. Toye. DEAN TOYE, CERTIFIED B.C. ASSAYER

SELCO PROJECT-10112-565 File # 87-3243 Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
5087565 994131	1	28	11	59	.1	35	11	253	3.39	7	5	ND	1	16	1	2	2	96	1.18	.025	3	49	.94	86	.46	3	2.99	.04	.04	1	2
5087565 994132	1	15	13	69	.1	27	9	289	2.54	5	5	ND	2	12	1	2	2	43	.40	.132	4	25	.38	85	.21	2	3.21	.04	.04	1	1
5087565 994133	1	18	14	63	.1	33	10	209	2.69	5	5	ND	1	14	1	2	2	59	.57	.034	3	30	.55	82	.29	2	3.04	.04	.04	3	1
5087565 994134	1	22	11	70	.1	24	10	290	2.95	9	5	ND	1	10	1	2	2	66	.54	.095	3	29	.48	45	.25	4	2.16	.03	.04	1	10
5087565 994135	1	43	12	80	.1	36	11	431	2.90	6	5	ND	2	17	1	2	2	67	.90	.082	8	36	.56	56	.24	5	3.02	.04	.04	1	1
5087565 994136	1	53	12	95	.2	36	12	877	3.17	7	5	ND	2	17	1	2	2	75	1.14	.027	8	47	.64	63	.31	2	2.56	.04	.03	1	2
5087565 994137	1	19	11	52	.1	24	8	165	2.12	3	7	ND	2	11	1	2	2	52	.68	.022	5	29	.49	56	.25	2	2.27	.04	.03	1	1
5087565 994138	1	37	15	58	.1	41	8	324	2.51	4	5	ND	2	16	1	2	2	49	.67	.019	6	28	.46	108	.21	2	2.87	.05	.02	1	1
5087565 994139	1	39	15	59	.2	30	13	283	3.14	4	5	ND	3	13	1	2	2	77	.79	.042	6	47	.81	76	.33	2	2.19	.04	.04	1	1
5087565 994140	1	47	15	45	.6	31	7	124	2.35	5	5	ND	2	16	1	2	2	53	1.04	.019	9	28	.42	84	.23	2	2.87	.04	.03	1	1
5087565 994141	1	56	13	66	.1	26	9	166	2.68	6	5	ND	1	14	1	2	2	68	.65	.020	4	36	.49	66	.30	2	2.36	.04	.03	1	12
5087565 994142	1	43	16	84	.6	42	11	211	3.08	8	5	ND	3	12	1	2	2	58	.51	.153	6	41	.51	105	.24	3	3.93	.04	.05	1	1
5087565 994143	1	34	16	61	.3	32	9	293	2.63	9	8	ND	3	13	1	2	2	54	.44	.062	6	33	.45	94	.22	2	3.01	.04	.06	1	1
5087565 994144	1	32	14	65	.3	27	9	267	2.57	11	5	ND	2	11	1	2	2	55	.52	.086	5	34	.52	92	.24	2	2.40	.03	.05	1	1
STD C	19	60	41	129	7.3	69	28	921	4.06	41	17	7	37	48	19	18	20	58	.48	.088	36	55	.93	172	.08	38	1.86	.07	.11	13	-
5087565 994145	1	35	17	81	.1	31	12	344	3.31	13	5	ND	3	10	1	2	2	57	.41	.304	5	44	.59	201	.22	2	2.78	.03	.04	1	315
5087565 994146	1	22	15	86	.1	31	9	691	2.63	10	5	ND	2	12	1	2	2	47	.37	.224	5	35	.47	144	.20	2	2.64	.04	.06	1	1
5087565 994147	1	21	16	54	.1	32	8	209	2.80	8	5	ND	2	12	1	2	2	58	.40	.108	4	35	.43	85	.24	9	3.63	.04	.05	1	1
RE 5087565 994161	1	31	9	57	.1	36	8	197	2.07	7	5	ND	2	15	1	2	2	37	.39	.065	4	30	.54	159	.18	2	2.38	.04	.06	1	1
5087565 994148	1	49	11	68	.4	45	8	323	2.38	8	5	ND	2	12	1	3	2	50	.47	.066	7	29	.37	86	.17	2	2.70	.04	.05	1	1
5087565 994149	1	19	19	62	.4	28	9	255	2.51	11	5	ND	3	13	1	2	2	45	.46	.125	4	35	.42	75	.22	2	3.59	.04	.05	1	2
5087565 994150	1	40	18	59	.2	34	10	298	2.97	10	5	ND	3	13	1	2	2	57	.53	.082	7	41	.55	88	.24	2	3.34	.04	.05	1	1
5087565 994151	1	100	13	75	.3	47	11	268	3.08	5	5	ND	3	17	1	2	2	68	.58	.034	7	57	.78	149	.28	2	2.93	.04	.06	1	1
5087565 994152	1	12	12	85	.1	32	9	241	2.56	2	5	ND	2	12	1	2	2	51	.49	.075	5	35	.51	82	.25	2	3.09	.04	.05	1	1
5087565 994153	1	13	10	58	.3	20	7	274	2.56	2	5	ND	2	13	1	2	2	47	.43	.241	4	26	.32	94	.21	30	3.38	.04	.04	1	1
5087565 994154	1	108	11	66	1.0	52	11	377	3.98	8	5	ND	3	27	1	2	2	76	1.41	.050	10	84	.95	129	.21	3	3.05	.04	.06	1	2
5087565 994155	1	78	9	91	.1	39	7	235	2.35	3	5	ND	2	14	1	2	2	46	.58	.023	6	28	.35	82	.17	2	2.58	.05	.04	1	1
5087565 994156	1	112	13	97	.3	51	8	295	2.49	8	9	ND	3	15	1	2	2	51	.68	.023	8	32	.46	107	.29	3	2.68	.04	.04	1	1
5087565 994157	1	94	18	98	.1	33	9	269	2.76	4	5	ND	2	13	1	3	2	55	.59	.055	6	35	.57	156	.21	2	2.87	.04	.06	1	1
5087565 994158	1	53	10	102	.7	25	7	247	2.28	5	5	ND	4	13	1	2	2	34	.40	.180	5	20	.22	129	.17	3	3.98	.04	.05	1	1
5087565 994159	1	18	7	75	.1	19	7	477	2.15	13	5	ND	2	12	1	2	2	40	.36	.180	5	28	.31	102	.17	26	2.33	.04	.05	2	1
5087565 994160	1	19	13	81	.2	28	9	394	2.32	8	5	ND	2	12	1	2	2	43	.40	.134	5	30	.39	93	.19	2	2.52	.04	.06	2	2
5087565 994161	1	32	7	62	.1	39	9	206	2.18	5	5	ND	2	16	1	3	2	39	.41	.067	5	32	.58	166	.19	2	2.46	.04	.07	1	1
5087565 994162	1	55	8	65	.1	54	17	310	4.83	26	5	ND	2	15	1	2	2	108	.67	.030	3	120	1.78	156	.26	2	2.76	.04	.05	1	2
5087565 994163	1	29	15	81	.3	38	9	245	2.31	8	5	ND	1	11	1	2	2	44	.33	.108	4	39	.52	126	.16	2	2.48	.03	.06	1	25
5087565 994164	1	19	15	69	.2	26	9	292	2.15	8	5	ND	2	12	1	2	2	41	.38	.096	4	34	.52	121	.18	2	1.89	.03	.04	1	2
5087565 994165	1	127	5	66	.4	40	12	742	3.23	8	6	ND	3	15	1	2	2	66	.94	.017	7	62	.90	197	.24	2	2.53	.04	.05	1	8
5087565 994166	1	66	5	57	.3	34	13	300	3.74	25	5	ND	3	15	1	2	2	88	.89	.017	6	67	1.10	187	.24	2	2.55	.04	.04	1	1
STD C/AU-S	18	59	40	130	7.5	67	27	885	3.92	38	18	7	36	47	17	17	22	55	.48	.086	35	56	.88	172	.08	37	1.85	.07	.12	13	52

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
5087565 994167	2	74	16	99	.2	34	11	375	3.43	6	5	ND	3	17	1	2	2	85	.98	.019	7	61	.88	149	.35	5	2.66	.05	.02	1	1
5087565 994168	2	45	10	75	.2	39	12	268	3.33	10	5	ND	2	16	1	2	2	78	.89	.066	5	56	.91	144	.32	2	2.64	.04	.02	1	8
RE 5087565 994269	1	28	15	86	.2	32	10	681	2.77	5	5	ND	2	13	1	2	2	69	.59	.060	4	40	.59	111	.29	2	2.53	.04	.02	1	1
5087565 994169	1	74	15	42	.3	34	9	317	2.86	3	7	ND	4	20	1	3	2	58	.92	.016	12	51	.52	87	.24	2	2.34	.05	.04	1	1
5087565 994170	1	16	11	82	.1	30	10	466	2.62	5	5	ND	3	15	1	2	2	51	.54	.133	6	32	.51	106	.23	2	2.71	.04	.05	1	1
5087565 994171	1	13	10	57	.2	34	10	490	2.54	3	5	ND	1	18	1	2	2	62	.74	.041	4	37	.59	104	.31	4	2.77	.04	.04	1	1
5087565 994172	2	21	9	52	.2	41	12	257	3.44	8	5	ND	2	21	1	2	2	83	.69	.030	5	51	.84	111	.31	2	3.09	.04	.04	2	4
5087565 994173	1	12	13	86	.2	36	8	283	2.32	2	5	ND	2	20	1	2	2	46	.59	.116	6	32	.46	82	.23	3	2.69	.04	.05	1	2
5087565 994174	1	13	12	48	.1	33	9	254	2.49	2	5	ND	2	17	1	2	2	60	.67	.027	6	36	.63	103	.31	2	2.78	.04	.03	4	3
5087565 994175	1	7	7	48	.1	18	6	163	1.74	2	5	ND	2	15	1	2	2	34	.42	.023	5	19	.25	43	.20	3	2.33	.04	.04	1	1
5087565 994176	1	32	13	83	.5	37	11	255	3.12	3	5	ND	4	17	1	2	2	71	.70	.046	6	46	.67	65	.31	6	3.07	.04	.06	1	1
5087565 994177	1	28	12	98	.3	41	11	385	3.15	8	5	ND	2	16	1	2	2	65	.57	.165	6	47	.54	92	.25	5	3.45	.04	.04	1	1
5087565 994178	1	18	15	97	.3	33	10	293	2.48	2	5	ND	3	12	1	2	2	59	.65	.073	4	37	.57	64	.30	2	2.33	.04	.04	1	1
STD C	20	58	40	130	7.2	71	28	991	4.00	38	18	8	38	50	18	17	19	57	.47	.090	38	63	.90	167	.09	38	1.88	.08	.13	16	-
5087565 994266	1	21	10	134	.1	27	10	650	2.53	2	5	ND	2	18	1	2	2	48	.47	.089	4	27	.42	122	.22	2	3.22	.04	.02	1	1
5087565 994267	1	45	11	103	.1	34	10	479	2.90	2	5	ND	3	15	1	2	2	58	.47	.100	6	43	.56	135	.27	3	4.04	.04	.04	1	2
5087565 994268	1	21	12	137	.5	31	9	683	2.70	5	5	ND	2	10	1	2	3	57	.46	.121	5	33	.43	96	.25	2	2.76	.03	.04	1	1
5087565 994269	1	28	14	86	.1	31	10	655	2.75	6	5	ND	2	13	1	2	2	70	.58	.058	4	40	.59	109	.28	4	2.44	.04	.03	1	1
5087565 994270	1	56	10	96	.5	41	13	376	3.47	3	5	ND	4	20	1	3	2	76	.62	.071	7	50	.82	151	.34	2	3.81	.04	.04	1	2
5087565 994271	1	78	10	60	.5	45	16	416	4.10	7	5	ND	2	24	1	2	2	117	1.30	.025	7	72	1.37	57	.56	3	2.92	.05	.03	1	10
5087565 994272	1	63	11	59	.7	51	22	679	4.56	17	5	ND	2	24	1	6	2	111	.85	.028	7	90	3.49	38	.18	2	3.02	.03	.04	1	3
5087565 994273	1	27	12	111	.2	34	12	985	2.64	2	5	ND	3	15	1	3	2	55	.50	.061	4	37	.55	122	.27	3	3.18	.04	.04	1	1
5087565 994274	1	20	9	119	.1	36	10	652	2.67	2	5	ND	2	13	1	2	2	54	.48	.085	3	29	.47	127	.26	3	3.29	.04	.05	1	1
5087565 994275	1	20	12	107	.2	27	9	534	2.24	6	5	ND	2	10	1	2	2	43	.32	.093	3	30	.39	73	.21	2	2.98	.03	.03	2	1
5087565 994276	1	36	14	106	.2	44	14	332	3.26	2	5	ND	2	15	1	6	2	71	.66	.063	4	48	.74	176	.34	2	3.83	.04	.04	1	2
5087565 994277	1	43	10	92	.2	39	14	594	3.90	2	5	ND	3	15	1	3	2	85	.49	.073	5	49	.69	98	.31	2	3.40	.04	.04	1	1
5087565 994278	1	22	12	95	.2	29	8	190	2.33	3	5	ND	2	14	1	2	2	47	.47	.088	4	22	.41	125	.23	3	2.94	.04	.03	1	1
5087565 994279	1	18	12	100	.1	20	8	436	2.18	2	5	ND	2	14	1	2	2	46	.51	.083	4	20	.37	92	.22	6	2.48	.04	.04	1	1
5087565 994280	1	28	13	95	.1	29	9	241	2.61	4	5	ND	2	15	1	3	2	51	.47	.095	4	29	.49	94	.24	3	2.90	.03	.05	1	1
5087565 994281	1	33	10	78	.3	23	8	331	2.75	3	6	ND	4	12	1	2	2	43	.30	.178	7	27	.31	99	.21	2	4.63	.04	.05	1	1
5087565 994282	1	26	8	91	.1	33	11	386	2.99	6	5	ND	3	17	1	2	2	64	.61	.088	4	41	.62	150	.31	2	3.76	.04	.05	1	1
5087565 994283	1	11	10	67	.1	16	6	267	2.58	6	5	ND	2	9	1	3	2	58	.30	.120	3	30	.32	64	.23	2	2.17	.03	.02	1	1
5087565 994284	1	24	9	82	.1	24	9	317	2.57	4	5	ND	3	11	1	2	2	54	.40	.103	6	30	.41	95	.24	2	3.07	.04	.03	1	2
5087565 994285	1	25	11	120	.2	39	10	352	2.73	2	5	ND	3	18	1	2	2	59	.61	.044	4	34	.58	179	.28	3	3.41	.04	.04	1	1
5087565 994286	1	18	9	74	.1	30	9	353	2.51	3	5	ND	2	16	1	2	2	62	.71	.031	5	37	.62	134	.31	2	2.41	.04	.05	1	1
5087565 994287	1	28	10	95	.1	37	10	185	3.03	5	7	ND	3	24	1	2	2	57	.41	.076	6	41	.51	282	.23	2	4.46	.04	.06	1	2
5087565 994288	1	19	8	57	.1	26	8	243	2.56	4	5	ND	2	17	1	2	2	59	.66	.018	5	38	.58	146	.30	2	2.58	.04	.06	1	1
5087565 994289	1	23	12	54	.1	41	14	313	4.01	9	5	ND	3	16	1	3	2	88	.68	.024	6	54	.52	103	.39	10	4.14	.04	.03	2	1
STD C/AU-S	19	58	41	131	7.2	71	28	941	3.93	39	19	7	37	50	18	17	22	57	.48	.091	37	61	.88	177	.08	37	1.85	.08	.12	12	51

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
5087565 203052	1	23	2	49	.1	27	10	383	2.43	10	5	ND	4	17	4	2	2	54	.58	.063	5	41	.44	101	.23	4	2.06	.03	.04	1	1
5087565 203053	1	25	11	56	.2	36	11	229	2.74	11	7	ND	4	14	1	6	2	62	.59	.052	5	48	.58	81	.26	3	2.77	.03	.05	1	6
5087565 203054	1	22	2	50	.1	33	10	210	2.57	10	5	ND	4	17	1	2	2	56	.53	.033	6	42	.49	81	.24	5	2.40	.03	.03	1	1
5087565 203055	1	41	6	69	.1	51	13	261	3.09	14	5	ND	5	22	1	2	2	62	.57	.093	5	55	.76	123	.22	4	3.52	.03	.06	1	1
5087565 203056	1	41	5	65	.2	39	11	419	3.21	15	6	ND	4	17	1	2	2	67	.53	.114	6	43	.50	142	.25	7	4.12	.03	.04	1	2
5087565 203057	1	17	2	34	.2	19	6	253	2.12	11	5	ND	3	9	1	2	2	39	.26	.054	4	24	.20	53	.18	2	3.16	.03	.03	1	1
5087565 203058	1	35	9	53	.1	39	14	345	3.44	9	5	ND	2	16	1	2	4	85	.75	.021	3	72	1.14	86	.38	3	3.04	.03	.02	1	184
STD C	19	62	36	133	7.2	68	28	1038	4.18	40	18	7	40	51	19	18	20	60	.49	.084	40	62	.87	174	.08	31	1.81	.07	.12	12	-
5087565 203059	1	28	4	54	.3	35	13	277	3.18	10	5	ND	4	14	2	2	2	76	.58	.043	5	58	.80	73	.28	2	2.67	.03	.04	1	3
5087565 203060	1	15	2	39	.1	29	8	189	2.26	4	5	ND	3	10	1	2	2	44	.32	.067	4	31	.30	72	.19	5	2.95	.03	.04	1	1
5087565 203061	1	32	2	33	.3	23	7	212	2.22	8	5	ND	3	15	2	2	2	51	.88	.022	7	34	.32	79	.20	8	2.74	.03	.02	1	2
5087565 203062	1	32	4	88	.1	40	10	275	2.67	10	5	ND	3	13	1	3	2	53	.42	.159	5	47	.49	114	.18	2	2.90	.03	.04	1	1
5087565 203063	1	28	2	76	.1	37	12	349	3.13	6	5	ND	3	13	2	2	2	68	.52	.093	5	50	.58	79	.23	4	3.05	.03	.05	1	2
5087565 203064	1	20	2	72	.2	32	10	421	2.49	8	5	ND	2	15	1	2	2	56	.53	.080	4	40	.52	124	.22	2	2.23	.03	.05	1	1
5087565 203065	1	22	13	55	.3	34	10	312	2.61	4	5	ND	2	12	4	2	2	61	.56	.041	4	36	.52	85	.26	2	2.57	.03	.04	1	1
5087565 203066	1	21	11	70	.1	25	7	510	2.12	5	5	ND	2	12	1	2	2	57	.53	.034	7	31	.24	61	.18	5	1.93	.03	.03	1	2
5087565 203067	1	33	10	136	.5	49	11	264	3.59	12	5	ND	3	17	1	2	2	78	.61	.060	7	53	.36	109	.23	4	5.24	.04	.03	3	3
5087565 203068	1	58	12	86	.8	64	11	373	3.59	4	5	ND	8	22	1	2	2	77	.82	.032	10	58	.49	146	.25	5	4.56	.04	.04	1	1
5087565 203069	2	40	12	73	.3	32	9	250	3.53	8	5	ND	3	23	1	2	2	67	1.23	.039	9	42	.63	95	.20	3	3.29	.03	.04	1	2
5087565 203070	1	27	2	42	.1	33	10	206	2.79	6	5	ND	2	20	2	5	2	79	1.03	.024	6	50	.64	103	.35	2	2.35	.02	.01	1	2
5087565 203071	1	21	11	71	.1	21	9	339	2.19	2	5	ND	3	14	3	2	4	57	.65	.042	7	37	.34	84	.25	3	1.66	.03	.03	1	2
5087565 203072	1	30	2	51	.1	32	11	227	3.18	6	8	ND	4	19	3	2	2	80	1.01	.021	7	49	.62	139	.28	3	2.73	.03	.04	1	1
5087565 203073	1	51	10	53	.3	32	9	321	2.69	12	5	ND	6	22	2	4	2	53	1.00	.012	8	38	.42	127	.24	3	3.21	.04	.03	2	2
5087565 203074	1	43	5	66	.2	38	12	231	2.83	15	5	ND	3	32	4	2	2	73	.65	.042	5	49	.62	134	.26	2	2.45	.03	.04	1	2
5087565 203075	1	24	2	95	.4	33	11	517	2.49	8	6	ND	5	13	3	2	2	45	.35	.146	6	32	.30	124	.19	18	3.65	.03	.04	1	3
5087565 203076	1	46	6	76	.2	52	19	305	3.72	11	5	ND	2	69	4	2	2	88	.84	.037	5	71	1.11	315	.34	2	3.29	.03	.06	1	4
5087565 203077	1	51	13	85	.1	44	13	293	3.52	15	5	ND	4	17	1	2	2	85	.76	.025	6	56	.67	157	.31	2	3.58	.03	.06	1	41
5087565 203078	1	22	3	130	.1	37	12	1123	2.82	6	5	ND	1	13	1	2	2	66	.63	.119	5	46	.56	227	.23	3	2.35	.02	.03	1	4
5087565 203079	1	62	2	117	.1	52	19	329	4.46	16	5	ND	3	17	3	3	2	103	.58	.061	4	53	.77	136	.31	2	3.98	.02	.04	1	2
5087565 203080	1	48	2	88	.2	33	12	568	2.99	4	5	ND	2	15	2	3	2	80	.75	.040	5	54	.70	120	.31	5	2.39	.02	.04	1	2
5087565 203081	1	28	12	81	.1	41	13	349	3.38	19	5	ND	3	13	1	3	2	76	.60	.060	4	62	.56	107	.25	2	4.34	.03	.05	1	3
5087565 203082	2	62	2	74	.2	94	22	443	5.12	7	5	ND	2	22	1	2	2	133	1.14	.026	3	156	2.05	129	.46	3	4.35	.02	.03	1	2
RE 5087565 203055	1	42	7	72	.1	52	13	274	3.15	11	5	ND	3	23	4	2	2	61	.57	.090	6	58	.78	125	.23	3	3.57	.03	.06	1	1
5087565 203083	1	38	7	99	.2	38	13	791	2.91	2	5	ND	3	15	1	2	3	71	.61	.083	5	50	.65	130	.27	5	2.36	.03	.06	1	2
5087565 203084	1	29	2	110	.3	46	13	387	3.23	6	5	ND	3	17	1	2	2	76	.69	.049	6	49	.63	195	.31	8	3.04	.03	.05	1	3
5087565 203085	1	33	5	104	.1	31	13	809	2.97	8	5	ND	2	13	1	2	2	70	.57	.098	5	54	.66	130	.28	3	2.34	.03	.03	1	1
5087565 203086	1	22	11	65	.1	39	11	490	2.70	7	5	ND	2	14	1	3	2	62	.48	.052	5	47	.58	113	.28	7	2.76	.03	.04	1	2
5087565 203087	1	20	3	59	.2	26	9	426	2.26	3	5	ND	2	15	1	2	2	51	.52	.056	5	35	.38	82	.22	2	2.13	.03	.04	1	1
STD C/AU-S	18	60	41	131	7.0	68	28	1021	4.00	35	22	7	39	50	18	14	18	58	.45	.085	36	60	.82	177	.08	31	1.74	.06	.12	11	52

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
5086565 994290	1	13	9	84	.4	36	8	196	2.07	2	20	ND	3	19	1	2	2	41	.54	.055	4	26	.50	115	.22	3	2.43	.04	.04	1	1
5086565 994291	1	30	16	87	.1	52	14	322	3.68	7	5	ND	2	16	1	2	2	81	.78	.070	5	63	.87	99	.33	7	3.72	.04	.06	1	1
5086565 994292	1	13	12	110	.3	32	10	284	2.37	10	8	ND	3	14	1	2	2	42	.50	.144	5	31	.43	75	.21	2	2.85	.04	.05	1	1
5086565 994293	1	22	12	98	.3	37	11	217	2.88	7	12	ND	4	13	1	2	2	60	.49	.071	6	47	.59	69	.27	2	3.36	.04	.04	1	2
5086565 994294	1	13	11	65	.1	25	9	288	2.24	8	5	ND	2	9	1	2	2	48	.42	.090	5	34	.40	51	.22	2	1.97	.03	.03	1	1
STD C	19	56	37	124	7.1	68	27	899	3.74	41	25	7	35	46	18	18	21	55	.46	.083	35	57	.90	156	.08	32	1.79	.07	.11	14	-
5086565 994295	1	23	13	53	.2	24	7	149	2.14	6	9	ND	2	17	1	2	2	48	.96	.031	5	36	.47	46	.22	2	2.13	.04	.03	2	1
5086565 994296	1	16	8	59	.1	25	7	246	2.14	5	5	ND	2	14	1	2	2	45	.48	.032	5	28	.29	53	.16	2	2.57	.04	.02	1	1
RE 5086565 994291	1	29	15	82	.1	50	13	303	3.48	5	6	ND	2	16	1	2	2	78	.75	.066	5	61	.82	95	.32	4	3.51	.04	.05	1	1
5086565 994297	1	27	9	73	.4	36	11	192	2.64	7	17	ND	3	14	1	2	2	54	.61	.069	7	44	.64	66	.24	2	2.55	.04	.04	1	48
5086565 994298	1	38	14	64	.3	29	8	424	2.42	7	5	ND	2	12	1	2	2	53	.67	.049	7	39	.43	82	.22	2	2.13	.04	.04	1	1
5086565 994299	1	24	15	120	.1	42	11	384	2.99	6	14	ND	2	22	1	2	2	57	.68	.077	4	43	.73	205	.29	2	4.01	.04	.09	2	3
5086565 994300	1	21	14	96	.2	39	11	287	3.06	7	5	ND	2	14	1	2	2	73	.82	.029	4	47	.78	158	.35	2	3.35	.04	.05	1	1
STD C/AU-S	18	57	40	131	7.2	69	28	923	3.83	44	25	7	36	49	19	14	22	56	.47	.089	37	59	.88	174	.08	29	1.87	.07	.14	11	47

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

GEOCHEMICAL ICP ANALYSIS

RECEIVED SEP 25 1987 SELCO DIVISION OF BP MINERALS VANCOUVER, B.C.

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

DATE RECEIVED: SEPT 9 1987 DATE REPORT MAILED: Sept 24/87 ASSAYER. D. Toye. DEAN TOYE, CERTIFIED B.C. ASSAYER

SELCO - A DIVISION OF BP PROJECT-565 File # 87-4063 Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
5087565 994643	1	317	8	119	.4	55	13	401	3.59	9	5	ND	6	22	1	2	2	89	.97	.027	13	65	.63	112	.25	12	2.29	.04	.04	1	1
5087565 994644	1	91	11	48	.1	33	14	500	3.36	14	5	ND	3	20	1	2	2	95	1.24	.017	7	58	.81	99	.37	4	1.88	.03	.02	1	1
5087565 994645	1	56	14	42	.3	46	9	530	2.37	8	5	ND	4	22	1	2	2	51	.83	.024	9	32	.45	137	.23	10	2.84	.05	.03	4	49
5087565 994646	1	40	11	44	.1	26	9	328	2.56	4	5	ND	3	18	1	2	2	69	1.03	.017	7	41	.59	107	.31	13	2.05	.03	.03	1	1
5087565 994647	1	100	8	48	.8	50	9	468	2.78	11	7	ND	5	25	1	2	2	64	.95	.042	17	47	.35	153	.18	5	3.08	.04	.04	1	3
5087565 994648	1	16	11	54	.1	29	11	258	2.82	7	5	ND	1	11	1	2	2	66	.52	.084	4	42	.40	49	.25	2	3.64	.03	.03	1	1
5087565 994649	1	16	6	112	.3	33	14	263	3.00	3	5	ND	3	13	1	2	2	78	.70	.055	5	40	.43	83	.29	2	3.17	.03	.05	1	1
5087565 994650	1	28	8	80	.1	38	10	304	2.89	3	5	ND	3	15	1	2	2	69	.48	.104	7	47	.39	91	.24	4	3.88	.03	.04	1	2
5087565 994651	1	31	9	76	.2	38	13	361	3.06	14	5	ND	2	12	1	2	3	71	.49	.169	5	42	.45	120	.25	2	3.00	.03	.03	1	1
5087565 994652	1	38	13	74	.3	37	10	188	2.96	6	10	ND	3	13	1	2	2	66	.52	.053	6	40	.39	110	.27	7	3.89	.03	.03	1	1
5087565 994653	1	52	2	64	.1	45	12	245	3.20	11	5	ND	5	14	1	2	2	78	.60	.043	6	48	.43	103	.29	8	3.74	.03	.03	1	2
5087565 994654	1	154	14	85	.8	58	12	1305	2.80	11	5	ND	6	39	1	2	2	54	1.00	.031	16	42	.57	102	.18	2	2.68	.04	.04	1	1
5087565 994655	1	119	21	70	.6	61	11	633	2.90	13	5	ND	5	23	1	4	2	54	.90	.019	8	53	.61	124	.21	2	3.12	.05	.04	1	2
5087565 994656	1	115	10	59	.3	58	11	508	2.90	24	5	ND	3	22	1	5	2	62	.92	.023	8	52	.47	101	.19	2	3.07	.05	.04	3	6
5087565 994657	1	105	8	55	.1	45	15	501	3.87	13	5	ND	5	23	1	5	2	91	1.36	.014	9	85	.99	109	.33	2	2.61	.03	.03	1	1
RE 5087565 994658	1	23	9	142	.1	29	9	476	2.73	11	5	ND	1	10	1	3	2	60	.32	.230	6	42	.30	90	.17	3	3.34	.03	.03	1	6
5087565 994658	1	24	13	69	.1	26	8	256	2.18	4	5	ND	2	12	1	2	2	59	.51	.031	5	30	.27	70	.21	8	2.44	.03	.03	1	3
5087565 994659	1	100	13	71	.1	43	13	662	3.33	17	5	ND	5	20	1	2	2	78	.89	.014	10	59	.62	107	.25	2	3.14	.03	.04	1	4
5087565 994660	1	29	7	59	.1	33	11	216	2.40	10	5	ND	2	16	1	2	2	57	.48	.041	4	45	.52	80	.21	14	2.23	.04	.04	1	22
5087565 994661	1	40	4	77	.3	54	13	249	3.15	12	5	ND	2	15	1	2	2	77	.52	.038	5	63	.71	157	.29	5	3.03	.03	.07	1	5
5087565 994662	1	36	2	51	.1	38	12	267	3.18	10	5	ND	3	31	1	2	3	93	.85	.029	5	58	1.04	160	.39	11	2.52	.03	.05	1	2
5087565 994663	1	29	2	67	.1	45	12	265	2.85	5	5	ND	5	13	1	2	2	61	.43	.123	7	46	.47	130	.23	2	3.51	.03	.06	1	1
STD C	19	63	40	130	7.3	72	29	1116	4.04	40	5	8	41	51	16	18	22	60	.46	.091	39	63	.84	167	.08	37	1.72	.07	.14	14	-
5087565 994664	1	19	5	107	.4	38	10	338	2.35	5	5	ND	4	15	2	2	2	47	.51	.255	9	37	.43	112	.19	4	2.50	.03	.04	1	3
5087565 994665	1	15	11	56	.6	23	7	187	2.28	6	5	ND	4	16	1	2	2	46	.74	.140	7	33	.33	72	.19	2	2.69	.03	.03	1	2
5087565 994666	1	48	18	43	.3	33	9	462	2.65	8	5	ND	3	23	1	2	2	59	.98	.027	11	41	.46	100	.23	2	2.92	.04	.03	1	1
5087565 994667	1	64	11	66	.5	53	11	670	3.62	8	5	ND	6	24	1	2	2	81	.79	.019	11	66	.50	113	.25	2	4.62	.04	.03	1	1
5087565 994668	1	24	8	148	.2	29	9	487	2.86	11	5	ND	3	10	1	2	2	62	.32	.234	6	43	.31	94	.18	5	3.45	.03	.04	1	2
5087565 994669	1	13	2	213	.5	36	8	184	1.92	6	5	ND	2	11	1	2	2	39	.40	.163	11	45	.25	81	.15	2	2.50	.03	.04	1	1
5087565 994670	1	22	13	66	.1	40	9	259	2.92	8	5	ND	3	13	1	4	2	68	.60	.090	6	51	.46	106	.26	4	3.30	.03	.03	1	2
5087565 994671	2	23	17	75	.1	30	12	297	3.00	15	5	ND	2	12	1	2	2	68	.44	.076	6	42	.49	111	.27	6	2.99	.03	.03	2	1
5087565 994672	1	32	9	63	.1	37	11	249	2.90	6	5	ND	3	17	1	2	2	62	.63	.107	6	43	.54	172	.24	2	3.29	.03	.05	1	1
5087565 994673	1	20	3	73	.2	41	12	386	2.95	5	5	ND	4	14	1	2	2	68	.56	.127	7	46	.55	176	.24	8	3.01	.03	.05	1	1
5087565 994674	1	23	7	102	.1	52	11	367	2.77	3	5	ND	4	14	1	2	3	63	.62	.143	7	44	.60	174	.25	2	2.90	.03	.04	1	1
5087565 994675	1	25	2	81	.4	49	11	290	2.76	13	5	ND	4	15	1	2	2	64	.61	.098	7	44	.57	179	.23	2	2.66	.03	.05	1	76
5087565 994676	1	18	10	164	.7	44	8	400	1.95	11	5	ND	2	21	1	2	3	41	.61	.270	7	41	.39	265	.13	2	1.84	.02	.06	1	1
5087565 994677	1	16	11	230	.5	50	11	312	2.74	5	5	ND	3	17	1	2	2	52	.61	.308	5	41	.51	178	.18	2	2.58	.02	.04	1	1
5087565 994678	1	10	7	121	.5	28	7	325	1.76	6	5	ND	3	12	1	2	2	39	.41	.110	5	29	.24	90	.14	9	1.90	.03	.03	1	2
STD C/AU-S	19	63	41	132	7.7	72	29	1062	4.11	45	16	8	44	52	19	17	24	61	.47	.091	40	62	.85	180	.09	31	1.74	.06	.14	13	48

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
5087565 994679	1	14	2	115	.2	33	10	334	2.73	9	5	ND	5	12	1	2	2	59	.53	.216	5	41	.38	76	.22	10	3.41	.03	.04	1	3
5087565 994680	1	23	3	81	.3	30	13	508	3.03	2	5	ND	3	13	1	2	2	83	.78	.075	6	52	.66	101	.34	2	2.16	.02	.04	1	1
STD C	19	64	38	139	7.2	71	30	1096	4.14	38	20	8	44	53	19	17	23	62	.50	.095	40	64	.87	176	.09	40	1.82	.07	.13	13	-
5087565 994681	1	21	4	75	.2	30	12	236	3.64	9	5	ND	4	13	1	2	2	84	.58	.052	5	43	.52	117	.34	5	3.68	.03	.03	1	6
5087565 994682	1	18	8	58	.2	31	11	492	3.20	8	5	ND	3	13	1	3	2	73	.54	.119	5	45	.49	99	.26	3	3.89	.02	.03	3	1
5087565 994683	1	22	7	81	.2	48	14	434	3.27	3	5	ND	4	14	1	2	2	76	.69	.072	5	58	.78	90	.28	5	3.86	.03	.04	1	3
5087565 994684	1	24	2	92	.1	40	13	329	3.25	2	5	ND	4	13	1	2	2	81	.65	.078	5	56	.65	96	.30	7	3.50	.03	.04	1	3
5087565 994685	1	21	8	264	.3	50	10	400	2.60	4	5	ND	3	14	1	2	2	54	.47	.147	8	47	.46	111	.20	2	3.05	.03	.04	1	1
5087565 994686	1	18	2	90	.2	28	10	285	2.83	5	5	ND	2	12	1	2	2	66	.50	.101	5	43	.43	86	.24	3	3.09	.03	.02	1	2
5087565 994687	1	21	2	45	.1	34	12	272	3.22	2	5	ND	2	15	1	2	2	104	1.04	.051	5	57	.78	81	.41	2	2.47	.02	.03	1	2
5087565 994688	1	17	4	81	.2	34	12	275	2.88	4	5	ND	2	11	1	6	2	79	.67	.092	5	47	.49	70	.31	2	2.65	.03	.03	1	1
RE 5087565 994703	1	33	6	123	.3	36	13	552	3.27	6	5	ND	4	16	1	2	2	71	.64	.131	6	48	.65	129	.29	6	3.76	.03	.06	1	1
5087565 994689	1	96	3	211	1.0	95	12	805	3.31	5	5	ND	5	22	1	2	2	70	.82	.030	12	60	.58	93	.24	6	3.88	.05	.04	1	2
5087565 994690	2	14	2	67	.1	28	10	221	3.16	9	5	ND	2	17	1	2	2	65	.51	.070	5	34	.36	68	.25	2	3.62	.03	.04	1	2
5087565 994691	1	19	10	68	.2	37	13	210	3.58	8	5	ND	2	13	1	2	2	86	.54	.081	6	48	.58	91	.31	2	3.33	.03	.03	1	2
5087565 994692	1	20	2	76	.2	39	11	279	2.94	9	5	ND	4	14	1	2	2	67	.58	.063	5	42	.50	143	.28	3	4.14	.03	.04	1	4
5087565 994693	1	35	7	48	.2	39	14	310	3.39	7	5	ND	3	14	1	4	2	103	.98	.027	6	66	.98	66	.40	2	2.31	.02	.03	1	3
5087565 994694	3	31	4	147	1.1	53	9	422	2.42	3	5	ND	3	21	1	2	2	44	.69	.473	10	54	.38	189	.12	2	2.05	.02	.05	1	49
5087565 994695	3	32	12	115	.1	44	16	297	3.77	17	5	ND	2	14	1	5	2	83	.51	.062	6	49	.55	177	.29	4	4.64	.03	.03	1	4
5087565 994696	1	89	13	61	.5	40	9	236	2.63	24	5	ND	4	16	1	3	2	63	.67	.042	7	47	.41	81	.20	2	3.72	.04	.04	1	1
5087565 994697	1	247	2	77	.6	73	13	478	3.63	27	5	ND	4	22	1	2	2	90	.85	.014	9	66	.71	91	.25	5	3.47	.04	.03	1	12
5087565 994698	1	44	2	73	.5	47	16	284	3.87	18	5	ND	3	17	1	2	3	103	.82	.034	6	70	.91	95	.35	2	3.12	.03	.04	1	2
5087565 994699	1	17	9	100	.1	25	9	208	2.67	21	5	ND	3	15	1	2	2	46	.43	.151	5	29	.24	82	.19	2	4.16	.03	.05	1	1
5087565 994700	1	23	2	105	.2	36	12	255	3.09	6	5	ND	3	17	1	2	2	62	.35	.132	5	38	.39	121	.23	2	4.07	.03	.04	1	1
5087565 994701	1	35	2	79	.1	29	11	299	3.90	5	5	ND	3	11	1	2	3	99	.32	.081	6	46	.53	59	.30	2	3.51	.03	.04	1	1
5087565 994702	1	45	3	73	.3	37	14	462	3.92	4	5	ND	3	21	1	2	2	111	.99	.042	6	65	.92	92	.42	2	3.47	.02	.04	1	2
5087565 994703	1	32	8	120	.1	36	13	556	3.23	5	5	ND	4	15	1	3	2	70	.60	.131	5	49	.64	127	.28	4	3.71	.03	.06	1	2
5087565 994704	1	36	12	101	.1	43	14	492	3.66	11	5	ND	3	22	1	2	2	90	.86	.067	6	58	.79	137	.34	2	3.67	.03	.06	1	1
5087565 994705	1	34	2	86	.1	42	14	698	3.87	5	5	ND	2	21	1	2	2	99	.69	.064	6	63	.81	134	.35	2	3.95	.03	.04	1	2
5087565 994706	1	18	7	87	.1	30	8	267	2.26	2	5	ND	3	15	1	2	2	42	.37	.064	6	28	.32	95	.19	3	3.62	.04	.05	1	1
5087565 994707	1	20	7	123	.3	39	11	602	2.98	9	5	ND	4	20	1	2	2	68	.64	.034	5	38	.59	155	.26	2	3.93	.03	.07	1	1
5087565 994708	2	21	7	113	.1	37	11	397	2.93	5	5	ND	2	17	1	2	2	79	.46	.097	4	38	.54	64	.21	2	2.49	.03	.05	2	26
5087565 994709	1	17	6	107	.4	29	10	463	2.22	2	5	ND	4	15	2	2	2	52	.53	.134	4	27	.34	79	.21	6	2.58	.03	.04	1	2
5087565 994710	1	20	7	64	.1	30	10	364	2.74	3	5	ND	2	16	1	2	2	78	.92	.041	4	42	.62	112	.36	2	2.80	.03	.03	1	1
5087565 994711	1	24	2	92	.5	35	10	462	2.75	5	5	ND	4	15	1	2	2	65	.57	.094	5	39	.49	131	.28	5	3.34	.03	.04	1	2
5087565 994712	1	16	6	86	.3	25	8	600	2.03	2	5	ND	4	14	1	2	2	43	.45	.127	5	26	.28	85	.20	2	3.09	.03	.04	1	1
5087565 994713	1	26	11	91	.1	36	12	440	2.99	3	5	ND	2	15	1	2	2	73	.81	.069	4	44	.63	101	.33	2	3.13	.03	.06	1	1
5087565 994714	1	22	5	88	.2	35	11	314	2.78	4	5	ND	2	16	1	2	2	69	.71	.072	4	36	.60	122	.31	10	2.91	.03	.05	1	2
STD C/AU-S	20	63	37	133	7.0	68	29	1054	4.05	40	19	7	40	52	16	15	20	61	.46	.094	38	62	.84	179	.08	32	1.75	.06	.13	11	52

	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	[illegible] PPB
5087565 994715	1	17	2	85	.1	35	10	208	2.66	2	5	ND	2	13	1	2	2	56	.60	.062	3	33	.49	134	.25	2	3.22	.02	.06	1	1
5087565 994716	1	32	10	51	.2	34	11	321	3.20	2	7	ND	4	19	1	2	2	89	1.04	.033	4	50	.87	80	.38	8	2.48	.02	.03	1	1
5087565 994717	1	44	5	52	.1	37	15	372	3.55	2	5	ND	4	17	2	2	2	100	1.02	.027	6	60	.99	68	.40	2	2.55	.02	.04	1	1
5087565 994718	1	31	6	71	.1	33	13	292	3.49	5	5	ND	4	19	1	2	2	95	1.01	.034	4	48	.85	95	.37	2	3.00	.02	.05	1	2
STD C	20	59	40	132	7.5	71	28	1050	4.08	40	23	7	41	51	19	17	18	59	.48	.091	41	62	.86	172	.08	38	1.89	.06	.12	13	-
5087565 994719	2	74	4	66	.3	47	18	390	5.02	2	5	ND	4	20	2	2	2	136	1.28	.048	5	78	1.33	61	.45	2	3.62	.03	.04	1	1
5087565 994720	1	20	7	99	.1	33	11	594	2.83	6	5	ND	5	15	2	2	2	56	.48	.138	5	33	.45	144	.23	2	3.98	.03	.05	1	1
5087565 994721	1	53	12	112	.3	45	15	430	3.85	5	5	ND	5	21	1	2	2	87	.71	.073	8	60	.74	138	.34	5	5.33	.03	.05	1	12
5087565 994722	1	25	4	111	.1	32	10	535	2.78	4	5	ND	3	15	1	2	2	60	.47	.095	5	37	.43	100	.24	2	3.51	.03	.04	2	1
5087565 994723	1	18	13	95	.2	25	10	941	2.48	2	5	ND	3	18	1	2	2	57	.45	.106	6	35	.38	105	.20	6	2.43	.02	.04	1	4
RE 5087565 994740	1	37	8	100	.1	40	14	568	3.45	2	5	ND	4	16	1	2	2	83	.76	.048	5	55	.74	117	.32	2	3.64	.02	.05	1	1
5087565 994724	1	39	15	97	.1	44	13	491	3.72	6	5	ND	2	22	1	2	2	84	.68	.083	6	55	.80	171	.29	2	4.61	.02	.05	1	1
5087565 994725	2	21	4	99	.1	26	9	920	2.58	4	5	ND	2	13	1	2	2	52	.36	.114	4	33	.35	102	.20	2	3.70	.03	.03	1	2
5087565 994726	1	26	13	121	.1	28	10	548	2.76	4	5	ND	6	16	1	2	2	49	.42	.186	8	30	.43	104	.21	6	4.71	.03	.05	1	1
5087565 994727	1	24	15	78	.1	31	11	254	3.45	7	5	ND	3	11	1	2	2	79	.28	.064	6	48	.63	52	.25	2	3.39	.02	.03	1	4
5087565 994728	1	21	11	88	.1	36	12	405	3.51	2	5	ND	3	14	2	2	2	75	.40	.068	6	46	.81	76	.25	4	4.05	.02	.04	1	1
5087565 994729	2	30	13	98	.4	34	11	369	3.24	6	5	ND	4	11	1	2	2	69	.51	.117	6	43	.63	103	.25	2	3.67	.02	.04	1	2
5087565 994730	1	44	15	76	.1	44	15	450	4.30	5	5	ND	3	18	1	2	2	117	.98	.043	6	76	1.09	100	.41	8	3.86	.02	.04	1	1
5087565 994731	1	17	4	116	.3	30	11	626	2.84	6	5	ND	4	13	1	2	2	62	.41	.088	4	38	.51	91	.19	9	2.24	.02	.06	1	1
5087565 994732	1	27	13	148	.7	45	11	380	2.78	4	5	ND	3	16	1	2	2	58	.52	.082	5	40	.53	130	.24	2	3.64	.03	.04	1	1
5087565 994733	1	23	14	159	.2	37	11	731	3.03	5	5	ND	2	18	1	2	2	72	.69	.106	4	43	.49	85	.23	5	2.86	.02	.04	1	2
5087565 994734	2	27	7	129	.1	41	12	630	3.04	8	5	ND	2	12	1	3	2	64	.56	.089	6	41	.66	119	.27	2	3.18	.02	.05	1	1
5087565 994735	1	29	7	68	.1	31	11	324	3.17	6	5	ND	3	14	1	2	2	71	.49	.074	4	42	.55	94	.27	2	3.64	.02	.04	1	1
5087565 994736	1	29	17	64	.2	32	11	354	3.02	2	5	ND	5	15	1	2	2	69	.54	.040	7	42	.58	94	.28	7	3.62	.03	.04	1	3
5087565 994737	2	45	11	81	.1	44	16	339	4.24	6	5	ND	3	18	1	2	2	106	.71	.052	5	67	.92	159	.35	7	4.47	.02	.06	2	1
5087565 994738	1	16	13	94	.1	25	7	353	2.09	4	5	ND	2	12	1	2	2	39	.31	.098	4	19	.27	66	.17	4	3.14	.03	.04	1	2
5087565 994739	1	40	5	102	.1	41	13	427	3.56	7	5	ND	3	22	1	2	3	82	.64	.063	8	54	.80	146	.32	2	4.04	.03	.04	1	2
5087565 994740	1	36	11	103	.1	41	14	575	3.52	2	5	ND	3	17	1	2	2	86	.79	.050	6	57	.76	119	.34	4	3.80	.03	.05	1	1
5087565 994741	2	42	15	80	.1	36	13	339	3.31	3	5	ND	3	17	1	2	2	78	.56	.066	5	52	.72	120	.27	2	3.59	.02	.04	1	1
5087565 994742	1	40	2	90	.1	38	13	496	3.44	2	5	ND	3	19	1	2	2	82	.60	.057	7	52	.75	114	.27	6	3.63	.03	.04	1	85
5087565 994743	1	41	14	95	.1	38	12	344	3.58	2	5	ND	3	21	2	2	2	76	.44	.071	6	45	.72	154	.25	3	4.27	.02	.05	1	1
5087565 994744	1	37	4	90	.1	41	13	436	3.72	7	5	ND	2	30	1	2	2	93	.77	.045	3	61	1.01	142	.32	5	3.63	.02	.04	1	2
5087565 994745	1	30	15	100	.1	36	10	222	2.96	3	5	ND	4	38	1	2	2	59	.35	.066	5	38	.53	162	.21	2	4.26	.03	.04	1	1
5087565 994746	1	13	6	66	.1	18	6	386	1.77	4	5	ND	2	12	1	3	2	34	.27	.055	3	21	.26	54	.13	2	2.43	.02	.04	1	1
5087565 994747	2	54	4	98	.1	59	19	495	4.75	4	5	ND	2	25	1	2	2	119	.81	.053	4	76	1.35	107	.35	2	5.30	.02	.05	1	1
5087565 994748	1	39	10	106	.2	40	14	349	3.50	2	5	ND	4	19	1	2	2	82	.67	.050	6	58	.84	129	.31	2	3.78	.02	.05	1	2
5087565 994749	1	39	2	62	.1	36	13	304	3.56	5	5	ND	1	17	1	2	2	102	1.00	.023	5	56	.92	73	.43	2	2.65	.02	.04	1	1
5087565 994750	1	20	6	95	.1	34	11	289	2.88	5	5	ND	2	16	1	2	2	56	.63	.100	3	42	.60	145	.25	2	3.19	.03	.05	1	1
STD C/AU-S	20	60	38	131	7.0	67	28	1038	4.00	41	19	7	40	50	17	16	22	58	.46	.090	37	61	.84	178	.08	35	1.84	.06	.13	12	47

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
5087565 994751	2	259	2	120	1.0	69	36	824	7.59	8	5	ND	5	26	1	5	2	181	1.49	.053	8	113	2.51	101	.50	2	4.02	.03	.04	2	1
5087565 994752	2	21	4	62	.1	35	11	265	3.06	3	5	ND	4	20	2	2	2	79	.84	.013	4	46	.57	141	.33	2	3.45	.04	.05	1	1
5087565 994753	2	40	2	76	.6	48	17	384	5.16	2	5	ND	4	37	2	2	2	148	1.53	.021	5	89	1.68	94	.51	2	3.81	.03	.05	3	2
5087565 994754	1	28	12	79	.5	41	13	322	3.48	2	5	ND	4	19	3	2	3	92	.92	.030	5	54	.90	136	.36	15	3.51	.03	.06	1	245
5087565 994755	2	19	12	109	.3	43	10	406	2.82	6	5	ND	3	24	1	3	3	54	.61	.147	4	41	.56	160	.23	2	3.92	.04	.10	3	4
5087565 994756	1	19	14	111	.2	48	12	506	3.19	2	5	ND	3	23	1	2	2	67	.48	.079	5	41	.51	215	.24	2	4.90	.04	.06	1	2
5087565 994757	1	25	10	106	.5	43	13	487	3.36	7	5	ND	4	22	1	3	2	82	.68	.114	5	47	.63	120	.31	2	4.22	.03	.05	1	1
5087565 994758	1	22	2	70	.5	47	15	305	3.53	3	5	ND	3	22	2	2	2	96	.89	.057	6	60	.83	142	.38	2	3.18	.03	.05	1	1
5087565 994759	1	16	4	63	.2	28	9	356	2.31	3	5	ND	2	15	2	2	2	67	.75	.051	5	39	.57	76	.30	2	1.93	.03	.04	1	1
5087565 994760	1	22	2	80	.3	33	12	489	2.87	2	5	ND	4	16	2	2	2	71	.78	.153	6	45	.62	69	.28	2	2.44	.03	.05	1	1
STD C	18	60	40	129	7.3	67	28	1033	3.96	42	18	7	40	51	20	16	22	59	.47	.091	38	62	.83	174	.08	28	1.78	.06	.14	14	-
5087565 994761	1	17	3	104	.5	38	10	275	2.58	7	5	ND	3	18	1	2	2	62	.71	.085	5	37	.51	92	.27	4	2.62	.04	.06	1	1
5087565 994762	1	18	2	101	.7	34	12	492	2.69	9	5	ND	3	19	1	3	2	71	.89	.063	6	43	.66	82	.32	2	2.47	.04	.06	2	1
5087565 994763	1	21	2	69	.6	32	12	439	3.29	12	5	ND	4	40	2	2	2	93	1.39	.020	7	60	.92	84	.38	6	3.11	.04	.04	1	26
5087565 994764	1	29	2	120	.4	49	13	326	3.46	9	5	ND	3	17	1	2	2	81	.80	.123	4	48	.75	164	.31	2	3.62	.03	.06	1	1
5087565 994765	1	21	5	52	.4	23	9	234	3.07	5	5	ND	4	19	2	3	2	74	.89	.031	3	33	1.05	72	.17	6	4.34	.03	.05	1	2
5087565 994766	1	15	12	137	.5	27	9	683	2.54	7	5	ND	2	13	1	2	2	59	.36	.025	5	27	.31	106	.22	2	2.14	.03	.05	2	1
5087565 994767	1	20	9	103	.5	35	13	678	3.07	12	5	ND	2	21	1	4	2	73	.51	.052	4	42	.70	162	.22	4	3.79	.03	.07	3	2
5087565 994768	1	21	2	69	.2	34	10	307	2.79	2	5	ND	2	18	2	2	3	54	.52	.027	3	39	.89	92	.18	7	3.72	.03	.05	1	2
5087565 994769	1	17	2	60	.8	36	11	247	2.91	14	5	ND	2	15	2	6	3	82	.38	.023	4	45	.71	69	.14	2	2.82	.03	.05	1	16
5087565 994770	1	30	2	89	.2	35	12	349	3.23	8	5	ND	3	20	2	2	2	75	.59	.058	5	41	.60	97	.30	6	3.47	.04	.05	1	2
5087565 994771	1	48	3	69	.1	50	17	364	4.57	2	5	ND	3	18	4	2	2	128	.99	.032	6	71	1.05	84	.44	2	4.03	.02	.04	1	1
5087565 994772	1	29	2	92	.2	42	13	483	3.49	9	5	ND	4	17	2	3	3	83	.72	.081	5	51	.71	183	.34	2	4.20	.03	.04	2	1
5087565 994773	1	21	13	103	.3	39	13	675	3.23	2	5	ND	3	15	1	2	3	76	.69	.067	4	49	.68	169	.31	22	4.12	.03	.04	1	1
5087565 994774	1	27	10	104	.2	44	13	496	3.21	7	5	ND	3	18	1	2	2	75	.63	.045	4	48	.67	197	.31	2	4.08	.03	.07	1	2
5087565 994775	1	29	2	123	.1	46	13	335	3.21	2	5	ND	4	21	3	2	2	70	.62	.041	5	45	.68	247	.28	8	4.10	.03	.07	1	2
5087565 994776	1	29	8	112	.2	45	14	361	3.81	5	5	ND	3	20	1	3	3	86	.65	.101	5	54	.88	125	.27	2	3.98	.03	.07	1	1
5087565 994777	1	42	5	105	.1	41	14	404	3.74	6	5	ND	3	20	1	2	2	93	.62	.046	4	55	.88	138	.32	2	4.24	.03	.03	2	2
RE 5087565 994785	1	65	4	137	.4	42	16	569	4.32	2	5	ND	3	22	3	2	2	111	1.34	.042	5	79	1.33	105	.42	4	2.78	.02	.10	1	5
5087565 994778	1	21	4	193	.2	38	10	329	2.83	2	5	ND	3	21	3	2	2	57	.54	.035	4	37	.50	162	.24	2	4.21	.04	.04	1	2
5087565 994779	1	25	3	234	.4	43	14	691	3.33	5	5	ND	3	20	4	5	2	77	.74	.071	5	52	.78	155	.31	2	3.67	.03	.06	1	1
5087565 994780	1	17	7	442	.1	32	11	641	2.57	13	5	ND	3	23	1	2	2	59	.58	.038	6	35	.49	216	.24	10	3.17	.04	.05	1	1
5087565 994781	1	23	7	557	.3	37	11	365	2.39	6	5	ND	4	22	2	2	2	49	.55	.040	8	30	.41	146	.23	14	2.88	.04	.07	1	1
5087565 994782	1	29	6	232	.5	53	13	337	3.44	2	5	ND	2	22	3	2	2	87	.80	.020	4	52	1.01	102	.36	2	3.53	.02	.04	1	1
5087565 994783	1	14	7	77	.1	23	7	274	1.96	2	5	ND	3	13	2	5	2	39	.20	.061	4	20	.27	87	.15	5	2.72	.04	.04	1	1
5087565 994784	1	28	6	88	.1	44	13	307	3.73	6	5	ND	4	28	1	2	2	88	.95	.032	5	53	.88	196	.37	2	3.95	.03	.06	2	1
5087565 994785	1	64	6	133	.3	41	16	563	4.23	11	5	ND	3	21	1	4	2	109	1.28	.041	4	77	1.31	103	.40	2	2.67	.02	.09	1	4
5087565 994786	1	23	2	60	.1	34	11	338	2.87	2	5	ND	2	24	1	2	2	78	.86	.033	4	45	.65	132	.33	11	2.85	.03	.08	1	3
STD C/AU-S	19	62	41	132	7.4	69	28	1046	4.03	41	17	6	39	51	20	14	21	59	.45	.089	38	58	.84	181	.08	33	1.71	.06	.13	12	49

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
5087565 994787	1	29	8	127	.1	34	11	563	2.82	7	5	ND	2	20	1	2	2	56	.65	.193	6	40	.53	90	.22	2	2.58	.02	.04	1	1
5087565 994788	1	21	6	61	.1	38	12	435	3.26	5	5	ND	1	19	1	2	2	71	.79	.127	5	48	.74	86	.26	2	2.69	.02	.04	1	1
STD C	18	61	37	133	7.1	68	28	1036	4.11	39	23	7	41	50	19	16	23	59	.49	.085	40	60	.86	173	.08	38	1.82	.06	.12	13	-
5087565 994789	1	15	5	50	.2	33	11	242	2.85	9	5	ND	2	18	1	2	2	74	.77	.029	4	46	.67	93	.32	2	2.60	.02	.04	1	1
5087565 994790	1	15	9	86	.1	30	10	485	2.61	2	5	ND	2	16	1	2	2	55	.55	.144	4	36	.46	116	.22	6	2.32	.03	.04	1	1
5087565 994791	1	25	3	50	.1	33	10	303	2.88	5	5	ND	2	17	1	2	2	79	1.03	.039	4	45	.70	68	.38	3	2.35	.03	.03	2	1
5087565 994792	1	17	7	71	.2	37	11	343	2.89	4	5	ND	1	18	1	2	2	70	.79	.038	5	44	.66	102	.32	4	2.84	.03	.05	1	1
5087565 994793	1	57	2	62	.2	38	13	390	4.27	8	5	ND	3	26	1	2	2	98	1.26	.014	7	74	.98	84	.38	2	3.15	.03	.03	1	2
5087565 994794	1	15	13	86	.1	35	10	352	2.73	8	5	ND	3	23	1	2	2	58	.52	.064	5	36	.50	122	.25	3	3.37	.03	.03	1	2
5087565 994795	1	13	9	98	.2	35	9	351	2.51	3	5	ND	2	16	1	2	2	53	.47	.080	5	32	.46	125	.23	2	2.97	.03	.05	1	1
5087565 994796	1	18	10	104	.2	47	10	343	2.69	5	5	ND	2	18	1	2	2	51	.53	.084	5	42	.55	137	.24	3	3.63	.03	.08	1	1
5087565 994797	1	108	15	64	.1	47	12	265	3.53	18	5	ND	2	18	1	2	2	80	.69	.097	4	51	.50	136	.26	2	4.69	.03	.05	1	2
RE 5087565 994809	1	14	7	81	.1	24	9	329	2.39	8	5	ND	2	14	1	2	2	49	.59	.176	5	33	.39	76	.20	7	2.49	.03	.03	1	1
5087565 994798	1	24	11	49	.2	22	9	287	2.57	16	5	ND	2	13	1	2	2	47	.49	.125	4	25	.22	81	.20	6	3.62	.03	.03	2	1
5087565 994799	1	39	7	42	.6	23	5	169	1.89	7	5	ND	1	11	1	2	2	42	.55	.032	5	24	.19	62	.13	2	2.77	.03	.01	1	2
5087565 994800	1	50	7	49	.5	31	8	310	2.60	19	5	ND	2	16	1	2	2	57	.93	.034	9	33	.31	83	.22	2	3.37	.03	.02	1	1
5087565 994801	1	101	10	53	.4	46	15	339	4.34	22	5	ND	3	16	1	2	2	108	1.25	.017	9	77	.78	98	.31	2	3.12	.02	.04	1	1
5087565 994802	1	28	5	63	.1	38	13	227	3.14	6	5	ND	2	15	1	2	3	84	.69	.030	5	50	.70	145	.34	2	2.93	.02	.03	1	1
5087565 994803	1	20	8	49	.1	33	9	343	2.53	14	5	ND	2	15	1	2	2	58	.59	.044	5	38	.50	84	.27	2	2.54	.03	.03	1	2
5087565 994804	1	18	5	50	.1	30	9	344	2.47	12	5	ND	1	13	1	2	2	54	.52	.075	4	38	.46	86	.24	2	2.52	.03	.03	1	1
5087565 994805	1	29	7	56	.1	32	11	271	2.89	8	5	ND	1	13	1	2	2	73	.70	.053	5	50	.73	71	.30	2	2.24	.03	.02	1	1
5087565 994806	1	53	13	63	.3	38	11	345	3.02	7	5	ND	3	15	1	2	2	69	.75	.040	8	52	.58	122	.28	2	2.71	.03	.05	1	1
5087565 994807	1	32	13	71	.3	38	12	259	2.96	12	5	ND	2	14	1	2	2	65	.56	.075	5	42	.53	113	.25	5	2.98	.03	.03	1	2
5087565 994808	1	27	6	90	.2	34	12	294	3.06	8	5	ND	3	14	1	2	2	63	.51	.153	6	43	.58	110	.22	2	2.78	.03	.05	3	1
5087565 994809	1	13	12	73	.1	22	8	298	2.17	6	5	ND	2	13	1	2	2	44	.53	.160	5	31	.36	69	.19	2	2.26	.02	.04	3	1
5087565 994810	1	39	7	40	.1	25	10	280	2.97	6	5	ND	2	14	3	2	2	84	1.11	.013	5	44	.66	78	.35	3	2.34	.03	.02	1	2
5087565 994811	1	43	5	81	.1	37	12	247	3.15	11	5	ND	2	19	2	2	2	67	.61	.197	4	48	.62	124	.20	6	2.67	.03	.04	2	1
5087565 994812	1	17	4	57	.1	23	9	209	2.34	7	5	ND	1	13	1	2	2	54	.54	.075	5	34	.39	73	.25	2	1.93	.03	.03	1	1
5087565 994813	1	28	7	64	.1	39	12	334	2.98	8	5	ND	1	18	1	2	2	69	.61	.051	5	43	.60	69	.28	2	2.59	.02	.03	2	1
5087565 994814	1	23	9	33	.1	24	9	309	2.84	3	5	ND	3	22	1	2	2	57	.92	.011	7	40	.52	86	.31	2	2.52	.03	.03	1	2
5087565 994815	1	47	8	35	.3	36	9	413	2.99	7	5	ND	4	25	1	2	2	53	.84	.013	9	44	.61	127	.29	2	2.69	.04	.03	1	1
5087565 994816	1	27	19	56	.1	41	12	228	3.30	7	5	ND	3	20	1	2	2	74	.72	.069	7	53	.62	167	.28	2	3.26	.03	.03	1	1
5087565 994817	7	15205	2	5657	.3	46	164	3634	27.91	15	5	ND	2	67	22	8	2	32	1.37	.079	13	34	.29	318	.04	5	1.52	.02	.02	10	9
5087565 994818	1	1832	11	1778	.6	56	11	425	3.26	9	5	ND	3	28	1	2	2	48	.93	.012	8	44	.61	280	.27	2	3.25	.04	.03	4	2
5087565 994819	1	45	9	134	.2	25	8	332	2.07	8	5	ND	2	12	1	2	2	45	.45	.091	5	33	.46	159	.22	2	1.94	.03	.04	1	1
5087565 994820	1	26	14	81	.1	39	11	644	2.69	17	5	ND	2	15	1	2	2	57	.50	.129	5	41	.44	403	.19	2	3.55	.03	.04	1	1
5087565 994821	1	24	4	71	.3	38	12	530	2.73	18	5	ND	2	14	1	2	3	59	.42	.089	4	47	.60	255	.19	2	3.08	.03	.05	2	2
5087565 994822	1	27	14	58	.1	42	12	276	2.71	10	5	ND	2	17	1	2	2	60	.53	.033	5	50	.67	171	.27	2	2.87	.03	.04	1	1
STD C/AU-S	17	62	38	132	7.5	68	28	1048	4.10	37	21	7	40	51	19	18	23	59	.46	.087	38	57	.85	181	.08	36	1.78	.06	.13	12	51

##	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
5087565 994823	1	33	3	58	.1	43	13	216	2.93	12	5	ND	3	17	1	5	2	64	.60	.052	6	52	.68	134	.30	2	2.68	.03	.04	1	1
5087565 994824	2	19	4	43	.1	34	10	177	2.52	7	5	ND	4	19	2	2	2	61	.62	.026	5	42	.54	125	.30	2	2.66	.03	.03	1	1
5087565 994825	1	24	3	65	.1	35	11	263	2.59	11	5	ND	2	14	2	3	2	56	.47	.061	6	45	.56	220	.25	2	2.46	.03	.03	1	1
5087565 994826	1	187	3	251	.1	47	16	392	3.58	10	5	ND	2	15	2	3	2	73	.57	.074	5	67	.80	458	.23	2	3.35	.03	.06	1	1
5087565 994827	1	38	6	81	.1	27	9	301	2.31	13	5	ND	1	13	1	4	2	52	.42	.136	6	38	.39	162	.16	2	1.95	.03	.03	1	2
5087565 994828	50	1117	414	156	13.8	30	11	339	7.09	116	5	ND	4	19	4	21	8	101	.54	.108	10	84	.85	699	.23	2	1.83	.02	.03	1	295
5087565 994829	16	796	23	264	1.4	40	12	263	4.25	19	5	ND	2	15	3	7	2	83	.57	.084	6	58	.83	466	.25	2	2.85	.03	.03	1	12
5087565 994830	1	23	3	95	.1	34	11	219	2.78	8	5	ND	3	20	1	2	2	59	.60	.116	6	39	.47	115	.24	2	2.94	.03	.04	1	2
5087565 994831	2	42	3	64	.3	36	12	573	3.30	5	5	ND	4	25	3	2	2	73	1.00	.030	7	51	.62	106	.30	6	3.14	.03	.05	1	1
5087565 994832	1	31	2	39	.1	46	8	179	2.97	6	5	ND	5	30	2	2	2	59	.84	.053	9	40	.41	120	.23	3	4.74	.04	.04	1	1
5087565 994833	1	16	2	65	.1	38	10	371	2.54	5	5	ND	2	23	1	2	3	55	.59	.047	5	38	.48	155	.26	2	2.98	.03	.05	1	3
5087565 994834	1	17	6	59	.1	26	8	230	1.94	5	5	ND	2	15	1	2	2	42	.42	.022	4	31	.41	131	.24	5	2.09	.03	.03	1	1
5087565 994835	1	24	6	71	.2	34	10	383	2.38	7	5	ND	3	17	3	2	2	48	.47	.135	5	40	.55	99	.20	2	2.07	.03	.05	2	1
5087565 994836	1	11	2	65	.1	26	5	300	1.69	14	5	ND	2	16	1	2	3	28	.33	.182	5	20	.24	93	.15	2	2.20	.03	.04	1	2
5087565 994837	6	18	4	74	.1	15	6	204	2.31	4	5	ND	23	18	1	4	2	41	.43	.145	15	17	.32	59	.15	2	1.60	.04	.10	50	1
5087565 994838	1	7	15	60	.1	22	6	169	1.60	9	5	ND	2	12	1	3	2	28	.28	.172	4	16	.18	74	.13	2	2.01	.03	.04	1	1
5087565 994839	1	32	5	207	.1	49	12	287	2.63	4	5	ND	3	19	1	2	2	48	.67	.075	7	36	.58	58	.23	2	2.05	.03	.05	1	1
5087565 994840	1	26	2	70	.1	37	11	253	3.01	2	5	ND	3	26	1	2	2	60	.71	.024	6	49	.60	98	.27	2	2.70	.04	.07	1	2
STD C	21	63	40	132	7.5	70	29	1051	4.12	42	20	7	41	52	19	15	23	59	.48	.090	39	59	.86	170	.08	31	1.81	.06	.13	13	-
5087565 994841	1	29	3	113	.1	46	15	463	3.35	3	5	ND	3	20	1	3	2	68	.59	.070	6	57	.74	181	.29	2	3.56	.03	.07	1	1
5087565 994842	1	51	11	117	.1	52	15	508	4.09	4	5	ND	3	19	1	2	3	88	.56	.086	6	61	.78	139	.30	2	3.54	.03	.05	1	2
5087565 994843	2	19	5	81	.1	42	10	382	2.87	10	5	ND	2	17	2	4	2	51	.48	.209	4	33	.46	103	.20	3	4.04	.04	.05	1	1
5087565 203001	1	23	7	99	.1	31	11	545	3.65	2	5	ND	4	14	3	4	2	71	.36	.133	6	39	.54	98	.26	6	4.47	.03	.04	1	2
5087565 203002	2	38	8	92	.1	49	16	424	4.34	4	5	ND	2	21	2	2	2	110	.86	.049	5	69	.96	141	.40	24	4.34	.03	.05	1	1
5087565 203003	2	25	8	207	.4	33	11	661	2.74	5	5	ND	4	19	3	6	2	55	.44	.120	7	33	.41	111	.21	3	3.36	.04	.05	1	1
5087565 203004	1	23	10	143	.1	39	10	387	2.79	3	5	ND	2	16	1	2	2	57	.55	.101	5	34	.52	78	.24	2	3.05	.03	.05	2	1
5087565 203005	1	30	7	151	.1	40	13	1154	3.45	4	5	ND	2	23	3	2	2	78	.87	.097	6	54	.77	127	.31	4	3.23	.03	.06	1	2
RE 5087565 994838	1	7	13	57	.1	20	5	160	1.52	9	5	ND	1	11	1	2	2	25	.25	.166	3	18	.17	72	.12	2	1.90	.03	.03	1	1
5087565 203006	1	37	2	98	.3	41	14	432	3.95	3	5	ND	4	21	4	2	2	100	.98	.070	6	65	.95	121	.39	2	3.63	.03	.05	1	1
5087565 203007	1	37	4	86	.1	45	15	435	4.17	2	5	ND	2	21	1	2	2	95	.77	.088	6	67	.94	172	.34	2	4.51	.02	.05	1	2
5087565 203008	1	41	2	120	.3	40	13	518	3.57	2	5	ND	4	18	4	2	2	81	.71	.087	7	51	.71	118	.29	11	4.06	.03	.05	1	2
5087565 203009	1	34	5	69	.1	32	12	385	3.30	2	5	ND	2	15	2	3	2	76	.47	.067	5	50	.63	114	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
5087565 203010	2	31	2	105	.1	35	13	549	3.41	3	5	ND	3	13	1	2	2	80	[illegible]	[illegible]	[illegible]										
5087565 203011	1	33	10	189	.1	29	14	2305	3.59	5	[illegible]	[illegible]																			
5087565 203012	1	72	3	100	[illegible]	[illegible]																									

LE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
5087565 203016	1	39	9	92	.3	40	12	240	3.56	7	5	ND	4	21	1	2	2	74	.65	.053	5	48	.68	193	.30	2	4.99	.03	.07	1	1
5087565 203017	2	37	7	109	.2	40	13	411	3.64	12	5	ND	2	20	1	2	2	81	.81	.096	5	52	.76	115	.32	2	4.10	.03	.06	1	1
5087565 203018	1	47	12	106	.3	47	18	565	4.21	16	5	ND	2	22	1	3	2	92	.93	.091	4	43	.90	80	.24	5	3.79	.02	.09	1	13
5087565 203019	1	23	26	86	.1	26	9	460	3.26	2	5	ND	3	15	1	2	2	63	.34	.107	5	33	.44	106	.24	2	4.18	.03	.04	1	1
RE 5087565 203034	1	15	11	72	.1	30	8	342	2.35	6	5	ND	2	22	1	2	2	46	.50	.073	5	27	.33	112	.18	3	2.98	.03	.03	1	1
5087565 203020	1	47	21	96	.2	48	15	483	4.30	7	5	ND	2	20	1	4	2	110	1.00	.053	5	58	.94	123	.37	2	3.94	.03	.05	1	12
5087565 203021	1	45	19	107	1.0	60	15	333	4.16	2	5	ND	3	29	1	2	2	87	.65	.042	5	54	.87	255	.26	2	5.85	.03	.07	1	220
5087565 203022	1	44	6	100	.1	41	14	405	4.06	2	5	ND	3	25	2	2	2	88	.61	.072	6	52	.82	136	.33	2	4.77	.03	.05	1	1
5087565 203023	1	43	18	84	.1	32	13	410	3.72	13	5	ND	2	16	2	2	3	76	.43	.089	7	41	.66	76	.25	2	4.07	.03	.05	1	16
5087565 203024	1	37	2	73	.1	25	10	232	2.79	2	5	ND	5	20	2	2	2	48	.39	.083	6	30	.46	122	.22	2	4.78	.03	.05	1	1
5087565 203025	1	51	9	88	.1	43	15	426	3.95	2	6	ND	4	17	2	4	2	91	.73	.057	5	51	.96	123	.31	2	3.94	.02	.04	1	1
5087565 203026	1	36	10	103	.1	47	12	329	3.59	3	5	ND	2	20	3	2	2	78	.62	.063	4	48	.71	194	.29	3	4.35	.03	.05	1	2
5087565 203027	2	98	11	71	.1	53	19	662	5.41	15	5	ND	3	33	1	2	2	151	1.68	.029	10	96	1.51	103	.38	4	3.36	.03	.05	1	6
5087565 203028	1	18	14	117	.1	35	12	1090	3.13	3	5	ND	2	18	1	3	2	68	.85	.108	5	44	.66	134	.29	2	3.08	.03	.07	1	1
5087565 203029	1	28	2	65	.1	38	12	318	3.53	3	5	ND	3	19	1	2	2	89	1.00	.036	6	56	.94	91	.34	5	2.54	.02	.08	2	2
5087565 203030	1	20	9	97	.2	44	12	425	3.46	6	5	ND	2	25	1	2	2	72	.72	.061	5	57	1.02	121	.19	5	3.73	.03	.08	1	1
5087565 203031	1	19	28	74	.4	39	13	430	3.83	2	8	ND	3	23	4	3	2	75	.68	.019	5	48	1.30	98	.19	9	4.38	.03	.07	1	1
5087565 203032	1	18	4	79	.1	34	11	447	3.08	6	5	ND	1	22	1	2	2	61	.72	.044	3	44	.87	133	.22	2	3.62	.02	.08	2	1
5087565 203033	1	16	14	53	.1	34	8	318	2.50	2	5	ND	3	18	3	2	2	45	.44	.053	6	27	.32	100	.19	6	3.53	.03	.05	1	1
5087565 203034	1	16	7	75	.1	31	8	355	2.39	5	5	ND	4	22	3	2	2	47	.50	.075	5	25	.33	114	.18	4	3.08	.03	.04	1	1
5087565 203035	1	56	10	104	.1	68	10	685	3.20	3	5	ND	3	30	1	2	2	56	.86	.031	6	41	.58	166	.22	2	4.61	.04	.05	1	1
5087565 203036	1	13	16	103	.4	33	9	485	2.49	9	6	ND	3	18	4	2	2	55	.59	.065	6	35	.45	89	.25	7	2.62	.03	.05	1	1
5087565 203037	1	20	17	197	.1	42	12	349	3.25	2	5	ND	4	22	2	2	2	76	.77	.032	6	46	.72	125	.32	10	2.97	.03	.04	1	1
5087565 203038	1	23	10	82	.1	41	12	298	3.17	2	5	ND	2	18	1	2	2	79	.84	.056	4	48	.77	120	.34	2	3.27	.02	.05	1	1
5087565 203039	1	25	11	266	.1	52	11	468	2.89	6	5	ND	1	21	1	2	2	54	.61	.191	5	45	.68	165	.20	2	3.24	.03	.09	1	1
5087565 203040	1	33	6	197	.3	64	11	520	2.56	2	5	ND	3	18	1	2	2	48	.60	.102	5	40	.52	216	.20	2	2.88	.03	.07	1	1
5087565 203041	1	17	19	445	.3	56	9	310	2.52	3	5	ND	3	19	1	2	2	48	.54	.033	4	27	.30	117	.21	8	3.43	.04	.04	1	1
5087565 203042	1	15	20	162	.1	36	11	429	3.02	2	5	ND	2	20	1	2	2	61	.66	.037	4	33	.62	117	.26	5	3.71	.03	.08	1	1
5087565 203043	1	17	9	84	.1	17	6	207	2.02	4	5	ND	1	106	3	3	2	36	17.94	.028	4	25	.61	57	.14	13	1.23	.03	.02	5	2
5087565 203044	1	18	16	465	.1	28	10	262	3.17	3	5	ND	3	20	2	2	2	60	.83	.012	5	36	.55	63	.22	2	3.10	.03	.04	2	1
STD C	19	60	41	131	7.1	67	28	1033	4.10	39	20	8	40	50	18	19	20	58	.48	.088	37	58	.87	169	.08	38	1.80	.06	.12	13	-
5087565 203045	1	17	10	118	.1	35	10	388	2.60	4	5	ND	3	16	4	2	2	52	.50	.085	4	34	.52	102	.22	3	3.07	.03	.07	1	1
5087565 203046	1	25	16	152	.1	47	13	365	3.48	2	5	ND	2	20	1	2	2	77	.71	.042	5	47	.71	129	.29	6	3.75	.03	.05	1	1
5087565 203047	1	15	2	123	.1	35	11	382	2.79	2	5	ND	1	19	1	2	2	61	.67	.049	4	35	.53	151	.26	2	3.34	.03	.05	1	1
5087565 203048	1	23	9	112	.1	39	12	347	3.38	2	5	ND	3	19	1	2	2	82	.87	.048	5	47	.84	134	.35	4	3.23	.02	.04	1	1
5087565 203049	1	25	16	355	.2	54	12	526	3.28	7	5	ND	3	21	3	2	2	72	.85	.071	7	70	.98	102	.27	2	2.31	.02	.07	2	2
5087565 203050	1	13	10	175	.1	37	10	589	2.49	3	5	ND	2	19	2	3	2	52	.59	.089	4	35	.46	118	.23	4	2.70	.03	.05	1	1
5087565 203051	1	40	5	49	.4	33	9	420	2.56	7	8	ND	2	14	4	2	2	58	.55	.047	8	38	.41	102	.18	4	2.52	.03	.04	3	1
STD C/AU-S	18	61	39	132	7.1	68	28	1032	4.12	42	19	8	40	50	18	18	21	58	.48	.087	37	59	.86	176	.08	38	1.74	.06	.12	14	48

	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
5087565 203088	1	20	2	65	.1	35	10	278	2.68	5	5	ND	2	13	1	2	2	58	.45	.061	5	44	.55	123	.24	2	2.66	.03	.04	1	3
5087565 203089	3	37	7	58	.1	36	11	215	3.15	10	5	ND	3	14	1	2	2	71	.56	.043	5	52	.67	93	.29	2	2.99	.03	.04	2	1
5087565 203090	1	29	2	72	.4	29	10	354	2.63	5	5	ND	3	12	1	2	2	53	.44	.096	5	37	.38	85	.21	6	3.10	.03	.03	1	2
RE 5087565 203121	1	17	8	83	.1	40	11	455	3.02	7	5	ND	2	20	1	2	2	64	.63	.029	4	42	.69	104	.24	4	3.14	.03	.05	1	3
5087565 203091	1	22	2	87	.3	28	9	401	2.49	5	6	ND	3	13	2	2	2	55	.58	.116	5	38	.48	145	.21	4	2.06	.02	.04	1	2
5087565 203092	1	26	5	66	.1	23	9	227	2.36	3	5	ND	2	11	1	2	2	63	.64	.039	4	30	.31	76	.26	2	1.86	.02	.03	1	1
5087565 203093	3	127	13	60	.5	37	15	547	3.84	10	7	ND	4	19	1	2	2	93	1.04	.050	7	65	1.03	144	.32	5	2.11	.03	.05	1	7
5087565 203094	2	85	3	79	.2	48	15	316	3.70	13	5	ND	4	19	1	2	2	81	.61	.057	8	67	.88	145	.28	4	3.18	.04	.05	1	6
5087565 203095	1	37	6	43	.1	36	11	259	2.72	7	9	ND	3	16	1	2	2	62	.60	.045	4	51	.77	67	.27	2	1.91	.03	.05	2	6
5087565 203096	1	29	2	59	.2	33	10	262	2.38	9	5	ND	3	15	1	2	2	46	.44	.124	4	39	.58	122	.18	7	1.94	.03	.03	2	1
5087565 203097	1	21	2	66	.1	24	9	350	2.04	6	5	ND	1	17	1	2	2	43	.50	.111	4	32	.44	96	.17	6	1.54	.03	.05	1	1
5087565 203098	1	43	6	67	.1	30	12	482	2.92	7	5	ND	3	18	1	2	2	66	.99	.048	7	46	.83	112	.28	4	1.50	.03	.04	1	6
5087565 203099	2	27	2	68	.1	29	11	349	2.66	4	5	ND	3	17	2	2	2	62	.74	.080	5	41	.70	94	.27	3	1.71	.03	.04	1	3
5087565 203100	1	45	11	68	.3	39	11	355	2.94	7	5	ND	3	18	1	2	2	57	.63	.102	6	39	.56	152	.22	4	2.97	.03	.06	1	2
5087565 203101	1	23	8	48	.1	27	10	491	2.57	5	5	ND	4	17	1	2	2	59	.78	.046	7	42	.63	106	.29	2	1.62	.03	.06	1	2
5087565 203102	1	13	9	46	.1	29	9	355	2.26	4	5	ND	2	13	1	2	2	50	.50	.074	5	34	.45	93	.23	2	2.05	.03	.05	1	1
5087565 203103	1	13	8	41	.1	27	7	240	2.28	8	5	ND	4	18	1	2	2	38	.55	.240	5	25	.24	80	.17	3	3.57	.03	.04	2	1
STD C	21	61	38	132	6.9	69	28	1038	4.14	35	25	8	40	50	17	17	22	60	.49	.089	38	61	.85	173	.08	32	1.81	.06	.13	13	-
5087565 203104	1	13	2	42	.3	31	8	212	2.18	2	7	ND	5	18	1	2	2	38	.52	.023	6	25	.28	77	.19	4	3.08	.04	.05	1	1
5087565 203105	1	11	2	95	.1	29	8	282	2.11	2	5	ND	3	16	1	2	2	45	.42	.026	5	27	.39	102	.22	6	2.33	.03	.04	2	1
5087565 203106	1	9	9	80	.1	22	7	293	1.84	2	5	ND	2	12	1	3	2	42	.48	.030	3	28	.40	62	.19	2	1.62	.02	.04	1	3
5087565 203107	2	20	19	258	.2	52	12	468	3.07	7	5	ND	2	14	1	2	2	60	.40	.055	4	46	.62	111	.19	2	3.76	.03	.06	1	3
5087565 203108	1	15	4	162	.1	34	8	370	2.16	6	5	ND	1	17	1	2	2	46	.46	.086	5	34	.47	84	.18	2	2.10	.03	.03	2	1
5087565 203109	1	9	12	187	.1	28	6	248	1.64	2	9	ND	2	14	1	2	2	28	.29	.113	4	19	.20	71	.13	9	2.14	.03	.05	1	2
5087565 203110	1	13	9	129	.2	31	9	606	2.42	6	5	ND	2	22	1	2	2	49	.58	.162	4	37	.47	114	.19	2	2.21	.02	.05	1	1
5087565 203111	1	16	8	48	.1	31	10	346	2.94	3	5	ND	2	23	1	2	2	76	.80	.019	4	46	.68	78	.32	4	2.37	.03	.06	1	1
5087565 203112	1	15	8	105	.1	34	10	662	2.59	4	5	ND	2	16	1	2	2	59	.61	.071	4	38	.56	91	.25	2	2.72	.03	.05	1	1
5087565 203113	1	14	7	116	.2	30	9	591	2.33	8	5	ND	2	15	1	3	2	43	.36	.286	4	30	.33	110	.15	4	2.47	.03	.05	1	4
5087565 203114	1	23	6	151	.1	50	11	271	3.23	3	5	ND	3	20	1	2	2	59	.73	.050	5	45	.67	120	.27	2	3.43	.03	.08	2	1
5087565 203115	1	17	11	115	.1	28	10	552	2.57	5	5	ND	3	13	1	4	2	55	.52	.091	4	30	.53	79	.21	3	2.50	.02	.03	2	2
5087565 203116	1	25	9	54	.1	31	12	254	3.27	5	5	ND	3	22	1	2	2	86	1.05	.018	5	49	.77	65	.44	2	2.55	.03	.04	2	2
5087565 203117	8	131	25	119	.4	42	18	812	4.69	13	5	ND	4	33	1	13	2	42	.39	.035	10	46	.89	218	.06	2	1.68	.01	.07	3	4
5087565 203118	1	23	15	119	.1	44	9	262	2.75	4	5	ND	2	17	1	2	2	52	.48	.058	4	32	.41	113	.22	4	3.43	.03	.06	1	1
5087565 203119	1	18	6	76	.2	36	10	292	2.94	6	5	ND	2	18	1	3	2	64	.58	.059	5	40	.63	103	.25	2	3.00	.02	.05	1	1
5087565 203120	1	16	2	229	.1	38	9	376	2.24	2	5	ND	4	17	1	2	2	43	.44	.093	5	31	.44	104	.19	2	2.60	.03	.07	2	1
5087565 203121	1	17	8	82	.1	38	11	441	2.95	9	5	ND	3	20	1	2	2	62	.59	.026	5	44	.67	102	.24	4	3.03	.03	.05	2	2
STD C/AU-S	19	62	43	131	7.0	68	28	1037	4.12	39	25	7	39	50	16	15	23	59	.47	.088	38	61	.85	179	.08	31	1.77	.06	.13	13	48

DRILL CORE SAMPLES

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

GEOCHEMICAL ICP ANALYSIS

CVS - SH -

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

DATE RECEIVED: AUG 28 1987 DATE REPORT MAILED: Sept 2/87 ASSAYER. D. Toye ..DEAN TOYE, CERTIFIED B.C. ASSAYER

SELCO PROJECT - 10112 File # 87-3734 Page 1

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
8587565 200926	1	49	11	61	.1	60	22	762	5.24	7	5	ND	1	14	1	2	2	107	2.48	.047	2	39	2.67	6	.43	2	2.94	.04	.01	3	1
8587565 200927	1	27	18	56	.1	44	21	807	5.49	5	5	ND	1	14	1	2	2	130	3.99	.047	2	34	2.41	12	.42	2	3.66	.03	.02	1	1
8587565 200928	1	103	9	39	.2	16	7	541	2.09	8	5	ND	2	21	1	2	2	26	4.66	.020	6	26	.73	29	.01	7	.99	.02	.04	3	51
8587565 200929	1	10	7	33	.3	38	12	673	3.19	10	5	ND	1	40	1	2	2	90	7.86	.025	2	99	1.42	21	.01	2	1.60	.02	.04	4	165
STD C	18	54	39	124	7.0	65	26	975	3.75	37	20	7	35	46	18	13	23	54	.43	.085	35	55	.83	163	.07	19	1.73	.06	.11	14	-
8587565 200930	1	45	11	53	.1	47	20	767	5.14	9	5	ND	1	49	1	2	2	143	6.07	.038	3	104	2.25	22	.09	2	2.56	.02	.02	3	2
8587565 200931	1	35	6	62	.3	41	20	777	5.95	9	5	ND	2	21	1	5	2	162	2.56	.044	3	65	2.49	23	.14	2	2.97	.03	.03	2	1
8587565 200932	1	39	14	56	.2	27	16	829	4.59	10	5	ND	2	38	1	2	2	114	6.09	.037	2	22	1.71	23	.01	2	2.09	.03	.03	3	2
8587565 200933	1	10	6	49	.1	15	16	962	4.99	11	5	ND	2	59	1	2	2	152	9.12	.048	3	4	1.56	19	.29	3	2.63	.02	.01	4	4
8587565 200934	1	67	17	62	.2	41	20	891	5.66	12	5	ND	2	24	1	5	2	156	4.46	.041	2	82	2.62	17	.37	15	3.88	.03	.03	2	1
8587565 200935	1	46	11	53	.2	30	17	778	4.83	8	5	ND	1	31	1	2	2	130	5.00	.036	2	23	2.11	12	.09	2	2.67	.02	.03	1	4
8587565 200936	1	49	7	60	.2	41	16	735	4.36	10	5	ND	1	27	1	4	2	109	4.36	.035	2	54	2.25	69	.20	4	2.62	.02	.03	1	56
8587565 200937	1	64	14	50	.5	37	15	1022	4.34	15	5	ND	1	24	1	2	3	107	7.67	.037	4	81	2.23	23	.04	11	2.40	.01	.05	5	4
8587565 200938	1	65	5	30	.3	14	7	617	2.22	10	5	ND	1	36	1	2	3	50	8.79	.021	2	30	1.26	9	.02	2	1.17	.01	.03	2	32
8587565 200939	1	57	7	63	.2	29	18	767	5.52	12	5	ND	1	18	1	2	2	168	2.99	.043	2	20	2.53	15	.46	5	2.99	.06	.02	2	215
8587565 200940	1	48	14	58	.3	25	14	554	4.79	11	5	ND	2	14	1	3	2	152	2.96	.039	2	26	2.39	10	.39	4	3.53	.06	.02	2	1
8587565 200941	1	57	6	60	.1	27	17	630	5.25	8	5	ND	1	21	1	4	2	154	2.92	.041	2	25	2.58	21	.46	4	3.52	.10	.01	1	1
8587565 200942	1	57	5	65	.2	26	18	703	5.62	11	5	ND	2	23	1	2	2	160	3.08	.045	2	22	2.77	19	.50	2	3.39	.07	.02	1	1
8587565 200943	1	134	13	74	.1	28	51	822	5.76	11	5	ND	2	23	1	2	2	160	2.96	.051	2	25	2.59	53	.49	17	3.31	.07	.01	42	1
8587565 200944	1	57	10	64	.3	35	19	908	5.60	3	5	ND	1	21	1	2	2	153	5.56	.042	2	51	2.52	9	.48	2	4.06	.06	.02	4	1
8587565 200945	1	75	13	69	.1	24	19	768	5.66	3	5	ND	2	14	1	2	2	157	3.21	.049	2	19	2.18	12	.52	4	3.70	.08	.04	3	1
8587565 200946	1	75	10	64	.2	28	18	778	5.09	3	5	ND	1	19	1	2	2	147	4.29	.042	2	28	1.92	10	.49	15	3.63	.12	.02	1	1
8587565 200947	1	62	11	58	.1	26	15	683	4.85	2	5	ND	1	18	1	2	2	137	3.46	.043	2	27	1.79	8	.43	3	3.48	.12	.02	1	2
RE 8587565 200933	1	10	10	48	.1	14	16	956	4.96	10	5	ND	1	58	1	2	2	151	8.99	.048	3	6	1.56	20	.29	4	2.64	.02	.02	6	3
8587565 200948	1	61	15	63	.1	28	17	720	5.01	4	5	ND	1	17	1	2	2	138	3.71	.043	2	27	1.91	8	.41	5	3.43	.09	.01	1	1
8587565 200949	1	64	12	64	.2	32	18	729	5.36	3	5	ND	2	16	1	6	2	157	3.09	.046	2	43	2.23	8	.47	2	3.62	.11	.02	1	1
8587565 200950	1	57	9	60	.2	32	16	673	5.07	8	5	ND	1	17	1	2	2	149	4.48	.042	2	49	2.21	6	.42	5	4.19	.09	.01	1	1
8587565 200951	1	64	7	74	.1	37	21	871	6.37	3	5	ND	1	14	1	3	2	165	3.55	.046	2	53	2.81	7	.53	2	5.05	.10	.01	3	1
8587565 200952	1	58	2	62	.2	28	16	653	5.11	6	5	ND	1	16	1	3	2	147	3.96	.043	2	31	1.97	9	.48	3	3.77	.07	.02	1	1
8587565 200953	1	62	7	62	.3	26	16	690	5.30	2	5	ND	2	14	1	2	2	153	3.04	.048	2	21	2.08	6	.47	3	3.60	.09	.01	2	1
8587565 200954	1	67	8	69	.1	26	18	788	5.82	8	5	ND	1	21	1	2	2	182	4.14	.048	2	13	2.28	9	.50	3	3.68	.07	.01	1	2
8587565 200955	1	64	10	67	.4	25	17	697	5.76	11	5	ND	1	17	1	2	2	170	3.46	.049	2	18	2.35	10	.51	3	3.39	.06	.01	2	1
8587565 200956	1	62	11	68	.3	30	18	735	5.72	17	5	ND	1	20	1	4	2	188	4.01	.047	2	28	2.43	14	.57	3	3.69	.07	.03	1	1
8587565 200957	1	82	6	70	.1	31	20	785	5.74	8	5	ND	1	21	1	2	2	175	4.27	.045	2	30	2.45	12	.49	2	3.41	.08	.03	2	1
8587565 200958	1	66	15	69	.1	29	20	754	5.80	7	5	ND	1	18	1	2	2	163	3.17	.052	2	21	2.48	9	.38	3	3.44	.07	.01	1	1
STD C/AU 8	19	58	40	133	7.0	71	28	1049	4.07	43	18	7	38	50	19	15	23	58	.49	.091	37	60	.90	178	.08	33	1.90	.07	.14	13	485

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
8587565 200959	2	71	13	77	.1	33	22	894	6.24	4	5	ND	2	22	1	2	2	177	3.69	.051	2	28	2.66	11	.50	4	3.47	.08	.02	1	1
8587565 200960	1	69	13	71	.1	32	20	790	5.65	4	8	ND	2	23	1	2	2	169	3.68	.048	2	31	2.23	14	.45	6	3.39	.08	.03	1	1
8587565 200961	3	58	9	50	2.3	26	15	645	4.38	35	5	ND	1	27	1	7	2	127	4.21	.034	2	38	1.51	38	.10	2	1.99	.04	.04	2	1270
8587565 200962	1	55	6	64	.1	27	18	762	5.34	9	5	ND	2	32	1	2	2	117	2.84	.052	2	5	1.78	29	.43	2	2.90	.12	.04	1	2
8587565 200963	1	27	5	41	.2	19	13	631	4.15	3	5	ND	2	19	1	2	2	124	5.36	.038	2	16	1.46	8	.32	5	3.69	.09	.02	2	16
8587565 200964	1	67	7	70	.1	27	18	821	5.28	5	5	ND	2	22	1	2	2	132	2.54	.049	2	17	1.74	21	.46	4	2.96	.11	.05	2	71
STD C	20	56	43	127	7.1	69	28	1007	3.82	40	17	8	37	48	19	14	22	56	.45	.088	36	56	.85	168	.08	30	1.80	.07	.13	14	-
RE 8587565 200969	1	70	10	72	.1	28	22	718	6.26	7	5	ND	2	28	1	2	2	144	2.27	.053	2	15	2.73	8	.48	4	2.83	.08	.03	1	1
8587565 200965	1	62	8	57	.3	31	19	726	4.79	8	5	ND	2	14	1	2	2	109	3.20	.040	2	32	1.96	6	.40	5	3.58	.08	.07	1	1
8587565 200966	2	58	7	70	.3	35	21	846	5.74	5	5	ND	1	11	1	2	2	116	3.02	.044	2	26	2.44	5	.46	3	4.09	.05	.05	1	5
8587565 200967	1	56	9	52	.1	28	16	615	4.24	5	5	ND	2	11	1	4	2	110	3.45	.040	2	29	1.67	5	.40	5	3.64	.07	.01	1	290
8587565 200968	1	72	10	73	.4	36	21	751	6.07	14	5	ND	2	17	1	4	2	170	2.38	.053	3	39	2.13	7	.30	2	3.00	.06	.06	1	14
8587565 200969	2	69	13	71	.2	28	22	718	6.25	9	5	ND	2	27	1	2	2	140	2.21	.054	2	17	2.71	8	.44	2	2.80	.08	.03	1	1
STD C/AU-R	19	58	41	132	7.2	73	28	1045	3.98	40	18	8	37	50	20	17	22	58	.48	.090	37	61	.88	177	.08	34	1.86	.07	.14	14	485

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

GEOCHEMICAL ICP ANALYSIS

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

DATE RECEIVED: SEPT 2 1987 DATE REPORT MAILED: Sept 11/87 ASSAYER. D. Toye ..DEAN TOYE. CERTIFIED B.C. ASSAYER

SELCO-A DIVISION OF BP PROJECT-10112 File # 87-3842

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU# PPB
8587565 200970	1	50	11	64	.1	65	21	813	5.23	8	5	ND	2	12	1	2	2	105	2.47	.036	2	25	2.59	17	.35	10	2.79	.06	.01	1	4
8587565 200971	1	46	11	52	.1	51	18	832	5.05	10	5	ND	2	16	1	2	2	125	3.52	.042	3	42	2.37	21	.48	4	2.65	.06	.03	1	265
8587565 200972	1	36	9	55	.2	50	18	961	4.59	13	5	ND	1	61	1	2	2	124	6.53	.038	2	67	2.37	24	.47	2	2.54	.03	.03	1	8
8587565 200973	1	54	11	66	.1	47	16	1022	4.38	10	5	ND	2	27	1	2	2	125	3.58	.048	4	100	1.95	50	.40	2	2.45	.04	.05	1	7
8587565 200974	1	53	12	54	.1	51	20	898	5.11	10	5	ND	2	17	1	2	2	133	3.53	.051	2	69	2.50	18	.49	2	2.99	.05	.02	1	1
8587565 200975	1	16	8	54	.1	49	19	755	5.13	10	5	ND	1	14	1	2	2	120	2.84	.049	2	51	2.34	22	.41	5	2.84	.06	.04	1	2
8587565 200976	1	38	10	47	.1	51	19	807	4.95	15	5	ND	2	15	1	2	2	130	3.99	.045	3	69	2.66	11	.39	4	3.01	.03	.01	1	3
8587565 200977	1	21	5	45	.1	46	19	733	4.91	5	5	ND	2	10	1	2	2	127	2.89	.046	3	42	2.54	9	.42	3	3.18	.04	.01	3	4
8587565 200978	1	10	8	44	.1	48	18	762	4.74	7	5	ND	1	15	1	2	2	119	3.64	.042	2	54	2.56	8	.33	8	3.03	.03	.01	2	2
8587565 200979	1	50	3	48	.3	44	16	825	4.17	15	5	ND	1	31	1	2	2	118	7.11	.032	3	114	1.81	10	.03	2	1.95	.02	.02	1	19
8587565 200980	1	45	11	62	.3	63	22	888	6.02	22	5	ND	1	60	1	2	2	173	5.28	.044	3	164	2.52	16	.35	2	2.82	.03	.01	1	3
8587565 200981	1	9	8	47	.1	57	20	770	5.14	15	5	ND	1	26	1	2	2	148	4.44	.042	3	134	2.21	13	.01	2	2.42	.03	.04	2	6
8587565 200982	1	39	8	61	.1	58	22	883	5.59	15	5	ND	1	30	1	2	2	149	5.32	.041	4	153	2.25	15	.01	2	2.58	.03	.04	1	4
8587565 200983	1	34	8	55	.2	62	23	818	5.74	18	5	ND	1	29	1	2	2	156	4.30	.041	4	170	2.49	11	.12	2	2.61	.03	.02	1	20
STD C	18	58	43	126	6.8	64	26	1007	3.70	40	15	7	38	47	17	15	19	54	.43	.094	36	52	.82	169	.08	32	1.72	.07	.12	12	-
8587565 200984	1	65	7	56	.1	65	21	934	5.36	15	5	ND	1	27	1	2	2	148	5.52	.042	4	166	2.14	9	.02	2	2.46	.02	.02	1	6
8587565 200985	1	27	10	54	.1	61	20	828	4.71	17	5	ND	1	40	1	2	2	132	5.73	.036	3	157	2.03	9	.06	2	2.24	.02	.02	1	12
8587565 200986	1	34	8	56	.1	56	18	757	4.00	17	5	ND	1	36	1	2	2	122	5.69	.032	3	156	1.76	7	.01	2	1.90	.02	.02	1	5
8587565 200987	1	17	7	33	.3	26	10	622	3.08	20	5	ND	1	21	1	2	2	85	5.16	.024	3	62	1.71	13	.12	2	1.54	.03	.03	1	17
8587565 200988	1	19	4	32	.1	32	12	465	2.90	11	5	ND	1	12	1	2	2	77	1.39	.024	2	79	2.27	19	.04	2	1.50	.04	.02	1	5
8587565 200989	1	31	10	40	.1	35	13	767	3.60	14	5	ND	1	27	1	2	2	89	6.45	.026	2	92	2.30	13	.15	2	2.02	.04	.05	1	9
8587565 200990	1	34	7	40	.1	32	12	682	3.35	14	5	ND	1	21	1	2	2	91	4.36	.023	2	80	2.11	11	.22	2	2.00	.05	.05	1	1
8587565 200991	1	40	9	46	.1	22	13	528	3.66	12	6	ND	1	18	1	2	2	117	3.30	.029	2	29	1.94	10	.36	2	2.65	.08	.02	3	2
8587565 200992	1	41	5	47	.1	39	14	556	3.69	7	5	ND	1	14	1	2	2	109	2.82	.028	2	80	2.27	7	.39	2	2.84	.08	.02	1	7
8587565 200993	1	50	9	55	.1	52	17	592	4.48	12	5	ND	1	19	1	4	2	127	2.66	.038	2	66	2.42	11	.40	2	3.04	.14	.03	1	10
8587565 200994	1	39	10	50	.4	53	17	636	3.82	22	5	ND	2	27	1	2	2	124	4.25	.041	4	124	1.90	16	.13	13	2.32	.06	.03	1	32
8587565 200995	1	48	8	53	.2	52	17	675	4.58	19	5	ND	1	38	1	2	2	129	3.56	.032	2	106	2.12	15	.23	16	2.97	.11	.03	1	435
8587565 200996	1	45	11	52	.3	46	16	508	3.92	13	7	ND	1	25	1	2	2	104	2.10	.035	3	65	1.91	18	.33	2	2.60	.13	.04	1	80
8587565 200997	1	61	8	55	.3	43	16	527	4.27	21	5	ND	1	15	1	2	2	112	1.77	.041	2	38	1.94	12	.33	2	2.61	.11	.02	1	250
8587565 200998	1	20	7	22	.5	13	6	903	2.26	24	5	ND	1	63	1	2	2	53	15.32	.013	2	27	1.46	7	.06	2	1.39	.01	.01	1	91
8587565 200999	1	26	5	31	.5	36	10	815	2.81	16	5	ND	2	72	1	3	2	66	14.65	.040	11	68	1.67	9	.01	6	1.68	.01	.04	1	33
8587565 202001	1	56	9	52	.2	77	26	586	3.89	19	5	ND	2	18	1	3	2	144	3.22	.057	9	154	1.96	12	.01	2	2.31	.03	.09	1	2
8587565 202002	7	119	14	388	.2	108	6	349	2.27	5	5	ND	5	36	1	2	2	55	6.44	.216	16	400	.78	48	.13	19	2.07	.06	.03	1	3
RE 8587565 200984	1	64	9	56	.1	66	23	939	5.36	15	5	ND	2	27	1	2	2	148	5.53	.041	4	171	2.13	9	.02	2	2.43	.02	.03	1	8
8587565 202003	139	44482	22	666	14.3	57	127	573	12.31	47	5	ND	4	19	8	3	2	77	1.52	.155	14	288	2.82	14	.07	15	2.26	.04	.01	1	58
8587565 202005	126	26894	128	3861	9.7	47	218	534	17.91	73	5	ND	4	21	15	12	2	82	1.41	.102	10	197	2.27	16	.10	2	2.22	.06	.03	1	104
8587565 202006	42	12908	28	320	3.7	52	33	518	6.08	23	5	ND	5	27	2	2	2	75	1.84	.250	19	415	3.13	59	.02	19	2.68	.04	.03	1	13
8587565 202007	8	665	37	146	.5	54	15	2288	5.34	19	5	ND	4	37	1	2	2	110	2.58	.209	19	137	1.09	22	.17	16	2.22	.03	.04	1	29
STD C/AU-R	18	59	40	133	7.4	68	28	1051	3.95	37	16	8	39	50	18	17	22	57	.47	.089	37	61	.88	179	.08	37	1.82	.08	.13	12	490

ASSAY REQUIRED FOR C.. >10 ppm Ag

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS, VANCOUVER B.C.
PH: (604)253-3158 COMPUTER LINE:251-1011

DATE RECEIVED SEP 02 1987

DATE REPORTS MAILED Sept 14/87

ASSAY CERTIFICATE

SAMPLE TYPE : CORE

ASSAYER D Toye DEAN TOYE . CERTIFIED B.C. ASSAYER

BP-SELCO PROJECT 1011C FILE# 87-3842A PAGE# 1

SAMPLE	Cu %	Pb %	Zn %	Ag gm/t	Au gm/t
8587565 202004	15.55	.02	.32	46.2	.38

APPENDIX VI

Diamond Drill Logs

SELCO INC. EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. CM-87-1

DRILLING CO.: Iron Mountain Drilling Ltd.	LOCATION SKETCH (N)	DEPTH / TESTS DIP ANGLE / AZIMUTH		DATE STARTED: August 21,1987	PROJECT: BARRIERE
		COLLAR	-45° 140°	DATE COMPLETED: August 25,1987	N.T.S.: 92P/8
		114 m	-50°	COLLAR ELEV.: 1073 m A.S.L.	LOCATION: 107+75N - 94+75E
				NORTHING:	
				EASTING:	
				AZIMUTH: 140°	
HOLE TYPE				DEPTH: 114.94 m	DATE LOGGED: August 26, 1987
				CORE SIZE: NQ	LOGGED BY: R. Farmer

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE		STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS (MINERALIZATION, TYPE, AGE RELATIONS)
0	3.35m	Casing								- all in bedrock	
3.35	10.01	Basalt	Dk green	Fine-Med	Massive					- fine-grained massive basalt with 1-2mm amphibole crystals,	
										- contains tiny white grains which look like hydrothermal carbonate mineral?	
										- 3.67 to 4.57m 20 qtz/carb veins per metre <1 cm in width (class as moderate)	
										- 7.3 to 8.15m - wk to mod. qtz/carb veining also with epidote (10 per metre)	
										- veins cross in all directions	
										- 2 cm carb/qtz/epidote vein @ 10° to C.A. @ 9.76m.	
10.01	10.46	Basalt breccia	Dk green							- basalt breccia unit. Green subangular to subrounded clasts (avg. 2 cm) in green basaltic matrix (approx. 60% clasts).	
10.46	17.5	Massive basalt								- same as before	
										- occasional calcite + qtz/carb vein	
										- generally @ 70 + 45° to C.A.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. CM-87-1

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE		STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
17.5	33.84	Intensely veined zone								- zone is intensely calcite ± qtz veined - volcanics often bleached to a light brownish colour due to weak pervasive carbonate alteration - @ approx. 18.0m clear silica veinlet cross cuts carb veins - zone starts w/approx. 3 cm of bladed/vuggy calcite vein then into approx. 40 cm of grey brecciated rock w/siliceous cherty fragments in calcite matrix (approx. 90% clasts) - contact @ 70° - @ 18.2m brecciated calcite vein @ 20° (2 cm) - 18.34 - 18.71 - coarse veined zone (calcite ± silica) consisting of (1) 'breccia veins' - w/volcanic clasts (2) vuggy calcite sections (3) massive calcite + silica sections - light greenish mineral often present in volcanics - chlorite? - @ 21.59m - 5 cm + bladed calcite vein @ 30° to C.A. with altered volc. (blue mineral) fragments - 22.07 - 22.34 - coarse breccia vein zone volc. clasts in calcite vein matrix - approx. 60-70% clasts - core recovery horrible from 23.63 - 34.76m	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. CM-87-1

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE		STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
17.5	33.84									- 30.59 - 30.85m - more silica rich breccia vein - grey to brown colour	
cont'd										- approx. 50/50 silica + calcite	
										- throughout interval volcanics often show shattered texture with calcite and/or silica in filling.	
33.84	35.67	Massive basalt								- same as previous 8 - 10 carb ± qtz veins per metre.	
35.67	38.41	Brecciated chert Volc. Bx. ?	Brown							- massive brownish chert or cherty volc? which is brecciated with light greenish silica + carb matrix filling (<10% matrix). - @ 37.8m - sand seam - possible fault? 3 cm vein @ 38.6m @ 85° w/approx. 4 cm bleached margins.	
38.41	52.5	Mafic volcanic	Lt.brown							- fine-grained, aphanitic volcanic which is quite hard (silicified?). Contains in general wk-mod-silica and qtz/carb veins + microfractures often in boxwork pattern - @ 41.16 qtz + calcite cross cut silica - veining - mod-strong w/ local narrow intense zones - veins often as< 0.5 cm in filling of intense brecciation zones	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. CM-87-1

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE		STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
38.41	52.5									- often vuggy	
cont'd										- fragments tend to be angular, often with bleached margins (reaction rims?)	
										- bleaching often accompanies thicker veins but is restricted to a few cm on either side.	
52.5	68.59	Fine-grained, massive basalt								- similar to top of hole, except finer grained	
										- could in part be dyke	
										- local brownish bleached (or oxidized) zones	
										- sand seam approx. 59.4 - 59.85	
										- intense veining (+ brecciation) 58.14 - 59.15 m	
										- 66.46 - 67.46 m - intense calcite ± silica microveining - often box work type	
										- probably fault Bx @ 64.63 m - angle unknown.	
68.59	69.6	Massive chert?	Brown							- hard, massive, aphanitic	
										- contacts indistinct.	
69.6	72.26	Basalt								- very fine-grained, same as before.	
72.26	107.0m	Volc. Flow Bx.? Hyaloclastite Bx. ?	Brown							- back to same volc. flow ? hyaloclastite bx. ?	
										- massive @ top but quickly becomes breccia with lt green/ (bleached) feldspathic (looks somewhat like soft sediment def'm/) ?	
										- some evidence of heat (i.e. reaction rims)	
										- clast/matrix ratio highly variable.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. CM-87-1

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE		STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
107	107.2m	Fault								- @ approx. 50° to C.A.?	
										- represents bottom contact of hyaloclastite bx. ? unit	
107.2	114.94	Mafic volcanic								- fine-grained grey/green massive volcanic? locally amphibole bearing	
										- similar to top of hole. Could be dyke?	
										107.06 - 107.86 - intensely brecciated + veined - mostly clear silica. Lt brown colour due to bleaching or oxidation?	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG sample data

SAMPLE				CORE RECOVERY			VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS						
NUMBER	FROM	TO	TOTAL METRES	From	To	Total Metres	%		Au ppb					
200926	3.67	4.57	0.9	3.35	4.57	1.22	75		1					
200927	7.3	8.15		4.57	5.49	0.92	69		1					
200928	17.5	18.0		5.49	6.25	0.76	47		51					
200929	18.0	18.7		6.25	7.62	1.37	77		165					
200930	18.7	19.7		7.62	8.23	0.61	79		2					
200931	19.7	20.7		8.23	9.15	0.92	35		1					
200932	20.7	21.7		9.15	9.76	0.61	48		2					
200933	21.7	22.7		9.76	10.67	0.91	89		4					
200934	22.7	23.63		10.67	12.96	2.29	40	Cave in - Extra 10 cm wall rock	1					
200935	23.63	27.44		12.96	13.87	0.91	60		4					
200936	27.44	29.5		13.87	14.33	0.46	21		56					
200937	29.5	30.59		14.33	14.63	0.3	0		4					
200938	30.59	30.85		14.63	15.24	0.61	44		32					
200939	30.85	31.4		15.24	15.55	0.31	60		215					
200940	31.4	32.4		15.55	15.85	0.30	65		1					
200941	32.4	33.4		15.85	17.38	1.53	96		1					
200942	33.4	33.84		17.38	18.9	1.52	98		1					
200943	33.84	35.21		18.9	20.58	1.68	83		1					
200944	38.23	39.23		20.58	21.34	0.76	74		1					
200945	39.23	40.23		21.34	22.86	1.52	85		1					
200946	40.23	41.23		22.86	23.63	0.77	78		1					
200947	41.23	42.23		23.63	24.39	0.76	10		2					
200948	42.23	43.23		24.39	27.44	3.05	8.0		1					
200949	43.23	44.23		27.44	29.27	1.83	9.0		1					
200950	44.23	45.43		29.27	30.79	1.52	27		1					
200951	45.43	46.49		30.79	32.32	1.53	31		1					

DRILL HOLE NO. 01

SELCO EXPLORATION WESTERN CANADA

DRILL LOG sample data

SAMPLE				CORE RECOVERY				VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS						
NUMBER	FROM	TO	TOTAL METRES	From	To	Total Metres	%		Au						
200952	46.49	48.02		32.32	33.54	1.22	46		1						
200953	48.02	49.0		33.54	33.84	0.30	53		1						
200954	49.0	50.0		33.84	34.76	0.92	35		2						
200955	50.0	51.22		34.76	35.4	0.45	170		1						
200956	51.22	52.22		35.21	35.67	0.46	78		1						
200957	52.22	53.0		35.67	36.89	1.22	57		1						
200958	53.0	54.0		36.89	37.8	0.91	22		1						
200959	54.0	55.0		37.8	38.41	0.61	34		1						
200960	55.0	56.1		38.41	39.63	1.22	58		1						
200961	58.14	59.15	1.01	39.63	41.16	1.53	93		1270						
200962	62.0	63.0		41.16	41.77	0.61	77		2						
200963	66.46	67.46		41.77	42.68	0.91	68		16						
200964	70.9	72.13		42.68	44.21	1.53	98		71						
200965	76.0	77.0		44.21	45.43	1.22	27		1						
200966	77.0	78.0		45.43	45.73	0.30	58		5						
200967	78.0	78.5		45.73	46.04	0.31	47		290						
200968	107.06	108.06		46.04	46.49	0.45	18		14						
200969	109.76	110.28		46.49	46.95	0.46	41		1						
				46.95	47.1	0.15	66								
				47.1	47.71	0.61	5								
				47.71	48.02	0.31	16								
				48.02	48.63	0.61	31								
				48.63	49.32	0.69	85								
				49.32	50.3	0.98	80								
				50.3	50.61	0.31	30								

DRILL HOLE NO. 01

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

sample data

Core Recovery									ASSAY RESULTS						
	FROM	TO	TOTAL METRES	%	From	To	Total Metres	%							
	51.22	51.83	0.51	60	77.74	79.27	1.53	84							
	51.83	53.35	1.52	98	79.27	80.78	0.91	91							
	53.35	54.72	1.37	86	80.18	80.79	0.61	52							
	54.72	56.1	1.38	95	80.79	81.71	0.92	69							
	56.1	57.62	1.52	88	81.71	86.28	4.57	27							
	57.62	57.93	0.31	98	86.28	87.35	1.05	93							
	57.93	59.15	1.22	82	87.35	88.41	1.06	92							
	59.15	59.76	0.61	34	88.41	89.94	1.53	85							
	59.76	60.06	0.30	61	89.94	90.85	0.91	91							
	60.06	60.97	0.91	78	90.85	92.07	1.22	58							
	60.97	62.5	1.53	89	92.07	93.45	1.38	72							
	62.5	64.02	1.52	88	93.45	94.97	1.52	93							
	64.02	64.63	0.61	87	94.97	95.73	0.76	66							
	64.63	65.55	0.92	53	95.73	96.04	0.31	99							
	65.55	66.16	0.61	25	96.04	97.26	1.22	57							
	66.16	67.07	0.91	99	97.26	98.78	1.52	90							
	67.07	68.59	1.52	88	98.78	99.09	0.31	48							
	68.59	69.21	0.62	76	99.09	99.7	0.61	72							
	69.21	69.82	0.61	54	99.7	100.61	0.91	67							
	69.82	71.34	1.52	92	100.61	100.91	0.30	95							
	71.34	72.26	0.92	90	100.91	101.22	0.31	40							
	72.26	72.86	0.60	45	101.22	101.83	0.61	38							
	72.86	74.39	1.53	93	101.83	102.44	0.61	44							
	74.39	75.3	0.91	92	102.44	103.35	0.91	17							
	75.3	76.22	0.92	67	103.35	103.66	0.31	40							
	76.22	77.74	1.52	92	103.66	103.96	0.30	60							

DRILL HOLE NO. 01

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

sample data

Core Recovery FROM	TO	TOTAL METRES	%	CORE RECOVERY %	CORE RECOVERY AMT. LOST	VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS						
103.96	104.27	0.31	30										
104.27	10.457	0.30	50										
104.57	105.49	0.92	86										
105.49	107.32	1.93	72										
107.32	107.62	0.30	60										
107.62	109.15	1.53	89										
109.15	109.76	0.61	92										
109.76	111.28	1.52	79										
111.28	111,59	0.31	50										
111.59	112.20	0.61	54										
112.20	112.8	0.60	63										
112.8	113.11	0.31	50										
113.11	113.41	0.30	35										
113.41	113.57	0.16	45										
113.57	114.02	0.45	38										
114.02	114.63	0.61	58										
114.63	114.78	0.15	100										
114.78	114.94	0.16	105										

DRILL HOLE NO. 01

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. CM-87-2

DRILLING CO.: IRON MOUNTAIN DRILLING LTD.	LOCATION SKETCH: -N-	DEPTH: COLLAR	TESTS DIP ANGLE: -50°	AZIMUTH: 130°	DATE STARTED: August 25, 1987.
					DATE COMPLETED: August 29, 1987.
		128 m	-57°		COLLAR ELEV.: 1089 m A.S.L.
					NORTHING:
					EASTING:
					AZIMUTH: 130°
HOLE TYPE					DEPTH: 128.05 m
					CORE SIZE: NQ

INTERVAL		ROCK TYPE	DESCRIPTION							STRUCTURE	REMARKS
FROM	TO		COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE		(FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	MINERALIZATION, TYPE, AGE RELATIONS
0 0	3.35	Casing								- all bedrock, recovered from 1.52 m	
										- poor recovery.	
1.52	24.39	Basalt								- medium to dk. green basalt, quite massive	
										- local bleaching (oxidation ?) to a brownish	
										colour near veining.	
										- contains ~ 1% tiny white grains which	
										may be a hydrothermal carbonate mineral ?	
										@ 7.17 m - 12.2 m - veined - calcite + silica	
										with local breciation - most intense zone	
										from 9 - 10 m. Veins cross core axis in	
										all directions but 2 most predominant are	
										@ 45° and parallel to C.A.	
										- also vein zones (MOD.) ~ 18.29 - 18.75	
										and ~ 19.51 - 20.73	
										@ 12.20 - 14.0 m - often chert (brown and black)	
										- core extremely broken, terrible recovery.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. CM-87-2

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE		STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
24.39	~32.7	Basalt Breccia ?								- basalt similar in appearance to above, but here may be a Bx. similar to hole #1 but with very indistinct clasts	
										- zone of wk.-mod. veining (mostly calcite from 23.78 - ~27.6 m	
~32.7	~47.4	Zone of generally moderate veining - massive basalt								- zone consists of generally moderate veining (15-20 metre) generally 2 cm or less wide	
										- most commonly @ 80°, 45° and 0-10° to C.A.	
										- prominent bleaching/oxidattion ? to brownish colour adjacent to veins.	
										- veining intensity increases towards bottom of interval.	
										- veins calcite or silica + calcite	
										- complex history of veining as calcite veins crosscut each other and no consistent relationship betweem calcite and calcite+silica veins.	
										- veins often show some banding (periodic open space filling ?) and often contain wallrock fragments (tectonic brecciation).	
										- intense zone 32.7 - 33.5 m - may be fault at top ? - if so probably at ~ 40-45° ?	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. CM-87-2

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE		STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC)	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
										BRECCIA	
47.4	60.16	Breccia (Tectonic)								- predominantly an 'altered' conglomerate	
		Zone' - In part								unit consisting of multilithic clasts	
		Tectonic								(volcanic; grey, brown and black chert, argillite clasts)	
		Brecciation ?								- clasts from few millimetres to 3 cm	
										in size and subangular to subrounded	
										- gen. ~ 50-70% clasts	
										- matrix consists of silica and carbonate	
										with silica predominating and is often	
										very vuggy	
										- local narrow (20 cm or less) zones	
										of 'tectonic breccia' are present throughout	
										the section and consist of angular more	
										monolithic (volcanic) clasts set in a silica +	
										calcite matrix	
										- maybe that 'conglomerate' has been	
										locally tectonically shattered accompanied	
										by infilling and matrix replacement by	
										silica/carbonate ?	
										- varies from very porous (vuggy) matrix	
										to very dense pervasive replacement	
										- contact angles obscured (poor recovery)	
										but discrete variations cut core @ 45-70° to C.A.	
										- clasts can often be seen to be rimmed w/	
										silica/ calcite.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. CM-87-2

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE		STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
60.16	60.98	Fault								- brecciated, carbonate altered fault zone	
										- contact/shearing angle unknown	
										- seems to form bottom contact of	
										conglomerate unit and quartz/carbonate	
										alteration	
										- veining ends at 61.16 m (@ 45° here)	
60.98	71.65	Mafic Volcanic								- dark green/grey, very fine grained, very	
										massive, very dense mafic volcanic.	
										- generally featureless	
										- local 3-5 calcite veinlets per metre	
										- @~68.4 m ~ 30 cm brecciated wispy banded	
										zone @ 35° to C.A. - possible flow contact ?	
71.65	73.87	Mafic Dyke ?								- dk. green	
										- first 20 cm coarsly porphyritic (amphibole,	
										feldspar, pyroxene ?) to 3 mm	
										then becomes finer feldspar porphyry weakly magnetic	
										- random oriented feldspar laths to 3 mm long	
										(1-2 mm wide) which are variably sauceritized	
										- top contact @ 10°, bottom @ 20°	
										- no discernable chilling	
73.87	76.55	Mafic Volcanic								- brownish/green - same as previous - fg., massive	
										dense and very hard (cherty). Probably same as	
										in hole #1 which becomes Bx. there. but believe both	
										are volcanics.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO CM-87-2

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE		STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
76.55	80.79	Mafic Dyke								- Same as prev.	
										- upper contact @ ~ 20° weakly magnetic.	
										lower contact @ ~ -10°	
80.79	86.02	Mafic Volcanic					Tr Py			- same fine, hard, dense volcanic	
										- locally some patchy and wispy textures	
										- flow ? quenched ?	
86.02	86.9	Fault ?								- bleached, veined carb. altered fault ?	
										- contact uncertain angle but veins	
										70-80° to C.A.	
*86.9	90.86	Brecciated								- same as 'chert Bx.' in hole #1 except	
		Mafic flow ??								here matrix is sediment (chert/argillite)	
										- very f.g., dense, weakly magnetic	
										quenched appearance	
										- possible transitional volc./sed. contact ?	
										with quenched flow interdigitating and brecciating	
										chert/arg/ sed/ seg. ??	
90.86	91.18	Mafic Dyke								- feld. porph., same as previous	
91.18	111.15	Metasediments								- chert/argillite sequence. Starts out as dense	
										black chert with 0.5-1% patchy dissem. Py.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. CM-87-2

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE		STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS MINERALIZATION, TYPE, AGE RELATIONS
91.18	115.15									- 91.46 - 94.51 - mafic dyke, same as prev.	
Continued										upper contact @ 30°, lower @ 15°, 3 mm chilled	
										- 94.51 - 97.66 - black to brown chert ?	
										- locally And. Bx. with clasts of	
										grey to brown chert and arg. in black chert	
										- 97.66 - 99.34 - brown dense, hard volc.	
										flow ? upper contact irregular	
										and quenched	
										- 99.34 - 100.76 - chert Bx. - black chert	
										with greyish clasts of chert which are	
										stretched and aligned along fol. @ 20° to C.A.	
										possible tectonic Bx. ? or primary ?	
										- 100-76 - 103.35 - volcanic again ? some, very fine,	
										contact irregular	
										- 103.35 - 105.23 - some feldspar porphyry dyke.	
										- 106.07 - 106.57 - same dyke @ ~ 30°	
										- 107.6 - 108.84 - some volcs. ? again	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. CM-87-2

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE	STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
91.18	115.15								- other than dykes and volcanics ? rest in	
Continued									black chert to chert breccia with	
									lt. grey coloured chert fragments	
									- 0.5-1% patchy + ff Py throughout chert	
									- 110.94 - 111.15 - transitional contact to	
									underlying M.S.. Contains 2 ? 2 cm	
									massive sulphide bands Py, Cpy, Po.	
									- 20 cm of dyke above transitional contact zone.	
111.15	112.6	Massive Sulphide							- 111.15 - 111.73 m → Cu rich massive sulphide	
									Cpy+Po+Py w/Cpy predominating	
									- crude banding subparallel to C.A.	
									Po and Py tend to occur as brecciated	
									fragments wihtin banded Cpy rich matrix	
									crosscut by qtz. fract. + calc.+ py.	
									- brecciation and banding look tectonic ?	
									(or soft sed. def'm. ?)	
									- 111.73 - 112.6 - intercalated massive	
									sulphide and black cherty	
									argillite host. (~50/50) banding	
									10-20° to C.A.	

SELCO EXPLORATION WESTERN CANADA

DRILL LOG

HOLE NO. CM-87-2

INTERVAL FROM	INTERVAL TO	ROCK TYPE	DESCRIPTION: COLOUR	GRAIN SIZE	TEXTURE	ALTERATION	ORE MINERALS	FRACTURES PER METRE		STRUCTURE (FRACTURES, FAULTS, FOLDING, BEDDING, ETC):	REMARKS: MINERALIZATION, TYPE, AGE RELATIONS
111.15	112.6										
Continued										- 111.73-112.6 Contd. - massive sulphide	
										in this portion is more Py+Po	
										rich, cpy poor. Possible Tr Sph ?	
										includes one 15 cm volc. clast or	
										dyke ? rel. unmineralized.	
112.6	113.8	Black Argillite								- somewhat cherty and strongly graphitic	
										- contains ff and wispy bands of	
										Cpy, Py strong near M.S.	
										weakening away.	
113.8	116.01	Mafic Dyke								- same except possible pyroxenes again ?	
116.01	~121.0	Chert Bx.								- Black to greenish/grey chert clasts	
										lower contact w/volcanics is transitional	
										- 116.95 - 117.44 - fine volc. again clast ?	
										or intercalation ?	
										- 15 cm bleached and brecciated @ base of dyke	
~121.0	128.05	Mafic Volcanic								- lt. greenish, fine grained and massive	
E. O. H.											

SELCO EXPLORATION WESTERN CANADA

DRILL LOG sample data

SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	TOTAL METRES	CORE RECOVERY FROM	CORE RECOVERY TO	TOTAL METRE	%	VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS Au						
200970	7.17	8.08		?	1.83				4						
200971	8.08	9.15		1.83	2.13	0.30	66%		265						
200972	9.15	10.37		2.13	2.45	0.32	52%		8						
200973	10.37	12.20		2.45	2.74	0.29	47%		7						
200974	18.29	18.75		2.74	3.35	0.61	48%		1						
200975	19.51	20.73		3.35	3.96	0.61	40%		2						
200976	23.78	24.30		3.96	4.27	0.31	87%		3						
200877	24.30	25.91		4.27	4.57	0.30	60%		4						
200978	25.91	27.6		4.57	4.88	0.31	65%		2						
200979	32.7	33.7		4.88	5.18	0.31	75%		19						
200980	33.7	35.7		5.18	6.10	0.92	58%		3						
200981	35.7	37.7		6.10	6.40	0.30	66%		6						
200982	37.7	39.7		6.40	7.62	1.22	61%		4						
200983	39.7	41.7		7.62	8.08	0.46	100%		20						
200984	41.7	43.7		8.08	8.54	0.46	48%		6						
200985	43.7	45.7		8.54	9.15	0.61	83%		12						
200986	45.7	47.4		9.15	10.37	1.22	45%		5						
200987	47.4	48.17		10.37	10.67	0.30	68%		17						
200988	48.17	49.17		10.67	11.59	0.92	24%		5						
200989	49.17	50.17		11.59	12.20	0.61	16%		9						
200990	50.17	51.17		12.20	12.65	0.45	50%		1						
200991	51.17	52.17		12.65	13.11	0.46	30%		2						
200992	52.17	53.17		13.11	13.72	0.61	40%		7						
200993	53.17	54.27		13.72	15.24	1.48	30%		10						
200994	54.27	55.18		15.24	15.24	0.30	30%		32						
200995	55.18	56.10		15.54	15.85	0.31	50%		435						

DRILL HOLE NO. 02

SELCO EXPLORATION WESTERN CANADA

DRILL LOG sample data

SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	TOTAL METRES	CORE RECOVERY FROM	CORE RECOVERY TO	CORE RECOVERY TOTAL METRE	CORE RECOVERY %	VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS Cu	Zn	Ag	Au			
				15.85	16.46	0.61	95%								
				16.46	16.77	0.31	40%								
200996	56.10	57.47		16.77	16.92	0.15	60%					80			
200997	57.47	58.23		16.92	17.07	0.15	73%					250			
200998	58.23	59.45		17.07	17.38	0.31	33%					91			
200999	59.45	60.16		17.38	17.53	0.15	95%					33			
202001	60.16	61.16		17.53	17.84	0.31	68%					2			
202002	109.72	110.72		17.84	18.29	0.45	50%					3			
202003	110.94	111.15	0.21	18.29	18.75	0.46	75%		44482	666	14.3	58			
202004	111.15	111.73	0.58	18.75	19.21	0.46	75%	) 0.8 m true	15.55%	0.32%	42.2 g/t	0.38 g/t	7.6		
202005	111.73	112.6	0.87	19.21	19.51	0.30	68%	) width	26894	3861	9.7	104	4.8		
202006	112.6	113.8	1.20	19.51	20.43	0.92	22%		12908	320	3.7	13			
202007	119.66	120.88		20.43	20.73	0.30	58%		665	148	0.5	29			
				20.73	31.04	0.31	72%								
				21.04	21.34	0.30	60%								
				21.34	21.95	0.61	55%								
				21.95	22.26	0.31	58%								
				22.26	22.56	0.30	50%								
				22.56	23.78	1.22	78%								
				23.78	24.39	0.61	88%								
				24.39	25.91	1.52	95%								
				25.91	26.37	0.46	54%								
				26.37	27.44	1.07	95%								
				27.44	28.35	0.91	30%								
				28.35	28.96	0.61	52%								
				28.96	29.26	0.60	93%								

DRILL HOLE NO. 02

SELCO EXPLORATION WESTERN CANADA

DRILL LOG sample data

SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE TOTAL METRES	CORE RECOVERY FROM	CORE RECOVERY TO	CORE RECOVERY TOTAL METRE	CORE RECOVERY %	VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS						
				29.26	30.49	1.23	86%								
				30.49	31.71	1.22	74%								
				31.71	32.45	0.74	67%								
				32.45	33.54	1.09	64%								
				33.54	34.76	1.22	86%								
				34.76	36.28	1.52	98%								
				36.28	37.80	1.52	91%								
				37.80	39.33	1.53	95%								
				39.33	40.85	1.52	91%								
				40.85	41.46	0.61	68%								
				41.46	42.68	1.22	93%								
				42.68	44.21	1.53	95%								
				44.21	45.43	1.22	90%								
				45.43	46.34	0.91	59%								
				40.34	46.65	0.31	80%								
				46.65	46.95	0.30	68%								
				46.95	47.87	0.92	70%								
				47.87	48.17	0.30	20%								
				48.17	48.78	0.61	92%								
				48.78	50.30	1.52	79%								
				50.3	51.83	1.53	78%								
				51.83	52.43	0.60	48%								
				52.43	52.74	0.31	30%								
				52.74	53.66	0.92	77%								
				53.66	53.96	0.30	73%								
				53.96	54.27	0.31	31%								

DRILL HOLE NO. 02

SELCO EXPLORATION WESTERN CANADA

DRILL LOG sample data

SAMPLE				CORE RECOVERY			VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS						
NUMBER	FROM	TO	TOTAL METRES	FROM	TO	TOTAL METRE %								
				54.27	54.73	0.46 63%								
				54.73	55.18	0.45 86%								
				55.18	55.49	0.31 68%								
				55.49	56.10	0.61 20%								
				56.10	57.47	1.37 47%								
				57.47	57.77	0.30 54%								
				57.77	58.23	0.46 56%								
				58.23	58.84	0.61 64%								
				58.84	59.45	0.61 63%								
				59.45	60.98	1.53 66%								
				60.98	62.33	1.35 77%								
				62.33	63.87	1.54 90%								
				63.87	65.09	1.22 80%								
				65.09	66.62	1.53 94%								
				66.62	68.14	1.52 100%								
				68.14	69.66	1.52 98%								
				69.66	70.12	0.46 98%								
				70.12	71.65	1.53 98%								
				71.65	73.17	1.52 86%								
				73.17	74.70	1.53 98%								
				74.70	76.22	1.52 94%								
				76.22	77.74	1.52 99%								
				77.74	79.27	1.53 96%								
				79.27	80.79	1.52 100%								
				80.79	82.32	1.53 88%								
				82.32	83.84	1.52 100%								

DRILL HOLE NO. 02

SELCO EXPLORATION WESTERN CANADA

DRILL LOG sample data

SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE TOTAL METRES	CORE RECOVERY FROM	CORE RECOVERY TO	CORE RECOVERY TOTAL METRES	CORE RECOVERY %	VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS						
				83.84	85.37	1.53	93%								
				85.37	86.89	1.52	80%								
				86.89	88.41	1.53	92%								
				88.41	89.94	1.53	100%								
				89.94	91.46	1.52	93%								
				91.46	92.99	1.53	100%								
				92.99	94.51	1.52	93%								
				94.51	96.04	1.53	94%								
				96.04	97.56	1.52	87%								
				97.56	99.09	1.53	89%								
				99.09	100.46	1.37	87%								
				100.46	101.83	1.37	93%								
				101.83	102.74	0.91	89%								
				102.74	103.35	0.61	50%								
				103.35	104.88	1.53	89%								
				104.88	106.40	1.52	95%								
				106.40	107.47	1.07	71%								
				107.47	108.23	0.71	40%								
				108.23	108.84	0.61	67%								
				108.84	109.76	0.92	100%								
				109.76	111.28	1.52	95%								
				111.28	112.80	1.52	98%								
				113.57	113.72	0.15	50%								
				113.72	115.24	1.52	92%								
				115.24	116.77	1.53	95%								
				116.77	117.68	0.91	90%								

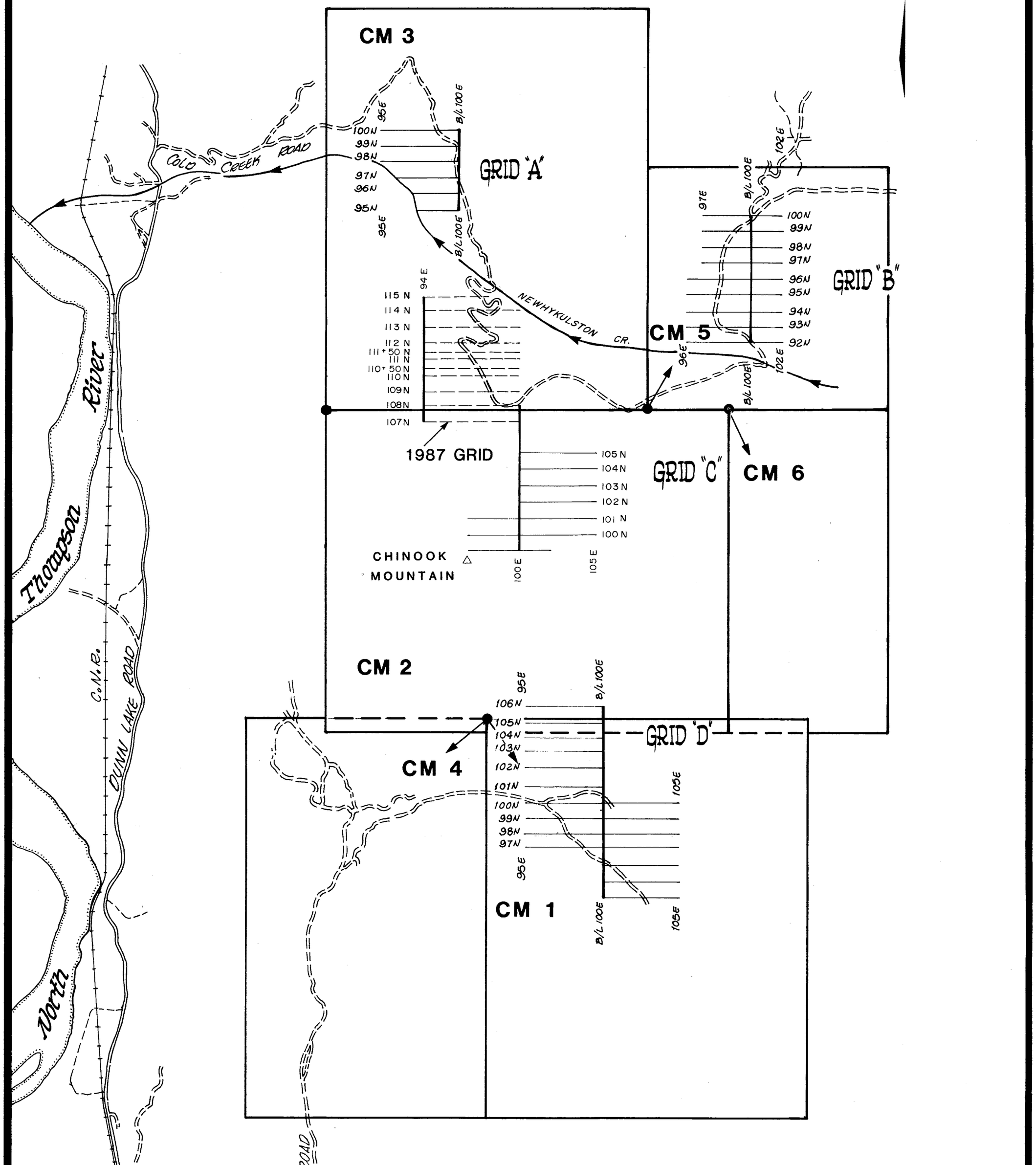
DRILL HOLE NO. 02

SELCO EXPLORATION WESTERN CANADA

DRILL LOG sample data

SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE TOTAL METRES	CORE RECOVERY FROM	CORE RECOVERY TO	CORE RECOVERY TOTAL METRE	CORE RECOVERY %	VISUAL ESTIMATES (% ORE MINERALS)	ASSAY RESULTS						
				117.68	118.14	0.46	48%								
				118.14	118.29	0.15	40%								
				118.29	118.60	0.31	23%								
				118.60	118.90	0.30	67%								
				118.90	119.36	0.46	47%								
				119.36	119.66	0.30	83%								
				119.66	120.88	1.22	71%								
				120.88	121.95	1.07	100%								
				121.95	123.48	1.53	96%								
				123.48	124.09	0.61	98%								
				124.09	125.61	1.52	93%								
				125.61	125.76	0.15	97%								
				125.76	127.13	1.37	109%								
				127.13	128.05	0.92	93%								
					E. O. H.										

DRILL HOLE NO. 02



GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,596

SELCO DIVISION -
BP RESOURCES CANADA LIMITED

BARRIERE PROJECT, B.C.

CM 1-6 CLAIMS
GRID LAYOUT

SCALE 1 : 20,000	DRAWN BY: R. F.	FIG. 3A
DATE REV. NOV. 1987	DRAFTED BY: E.B.W.	
N.T.S. 93P/8E	PROJ. 10112	REPORT BPVR 86-9

Newhykulston Cr.

L 115 + 00N
L 114 + 00N
L 113 + 00N
L 112 + 50N
L 112 + 00N
L 111 + 50N
L 111 + 00N
L 110 + 50N
L 110 + 00N
L 109 + 00N
L 108 + 00E
L 107 + 00 N

T/L L 94 + 00E
L 95 + 00E
L 96 + 00E
L 97 + 00E
L 98 + 00E
L 99 + 00E
L 100 + 00E

5b.intrus?

TEST LINE
L 112 + 75N

LOWER SHOWING

UPPER SHOWING

Float 5b

5a Shattered

GOLD ZONE SOIL GRID

DDH CM-87-1

DDH CM-87-2

CM 3

CM 2

CP

CL

5b+chert

Brecciated, silicified

70

162

LEGEND:

FENNELL FORMATION

- 5a — Chert,argillite
- 5b — Mafic volcanics,massive to pillowed flows may in part be intrusive?
- 5c — Massive pyrite ± chalcopyrite ± magnetite
- 5d — Intense Quartz /Carbonate Veining and Brecciation

SYMBOLS

- Trench
- Geological contact
- Outcrop
- Creek
- Road
- Fault
- Claim post,line
- Jointing
- Foliation
- 1987 Diamond Drill Hole

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,596

0 25 50 100m

SELCO DIVISION -
BP RESOURCES CANADA LIMITED

BARRIERE PROJECT

CM CLAIMS

GRID "C" EXTENSION

SCALE 1:2500	DRAWN BY: R.Farmer	FIG. 5
DATE Sept 87	DRAFTED BY: EBW	
N.T.S. 92P/8E	PROJ. 10112	REPORT BPVR 87-11

NW

SE

CM 87-2

Az 130°
Dip −50°
Collar elev. 1089m

ELEVATION ASL

Casing in bedrock

Road

2b,1a

1075m

1050m

1025m

1000m

975m

200970
200971
200972
200973
200974
200975
200976
200977
200978
200979
200980
200981
200982
200983
200984
200985
200986
200987
200988
200989
200990
200991
200992
200993
200994
200995
200996
200997
200998
200999
201001
202002
202003
202004
202005
202006
202007

7.63% Cu/1.45m core length (massive sulphide only) (~0.8m TRUE WIDTH)

4.84% Cu/2.66m core length

128.05m
EOH

LEGEND:

5 MAFIC DYKES–
Amphibole,feldspar ± pyroxene porphyritic

4 MASSIVE SULPHIDE

3 INTENSE QUARTZ/CARBONATE VEINING

2 MAFIC VOLCANICS
2a)Flows
2b)Breccia,brecciated
2c)Flow Bx,hyaloclastite Bx?

1 META SEDIMENTS
1a)Chert,black,brown,green,grey
1b)Graphitic argillite

SAMPLE LOCATIONS

200976
200977
200978

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,596

0 2 4 6 8 10 M

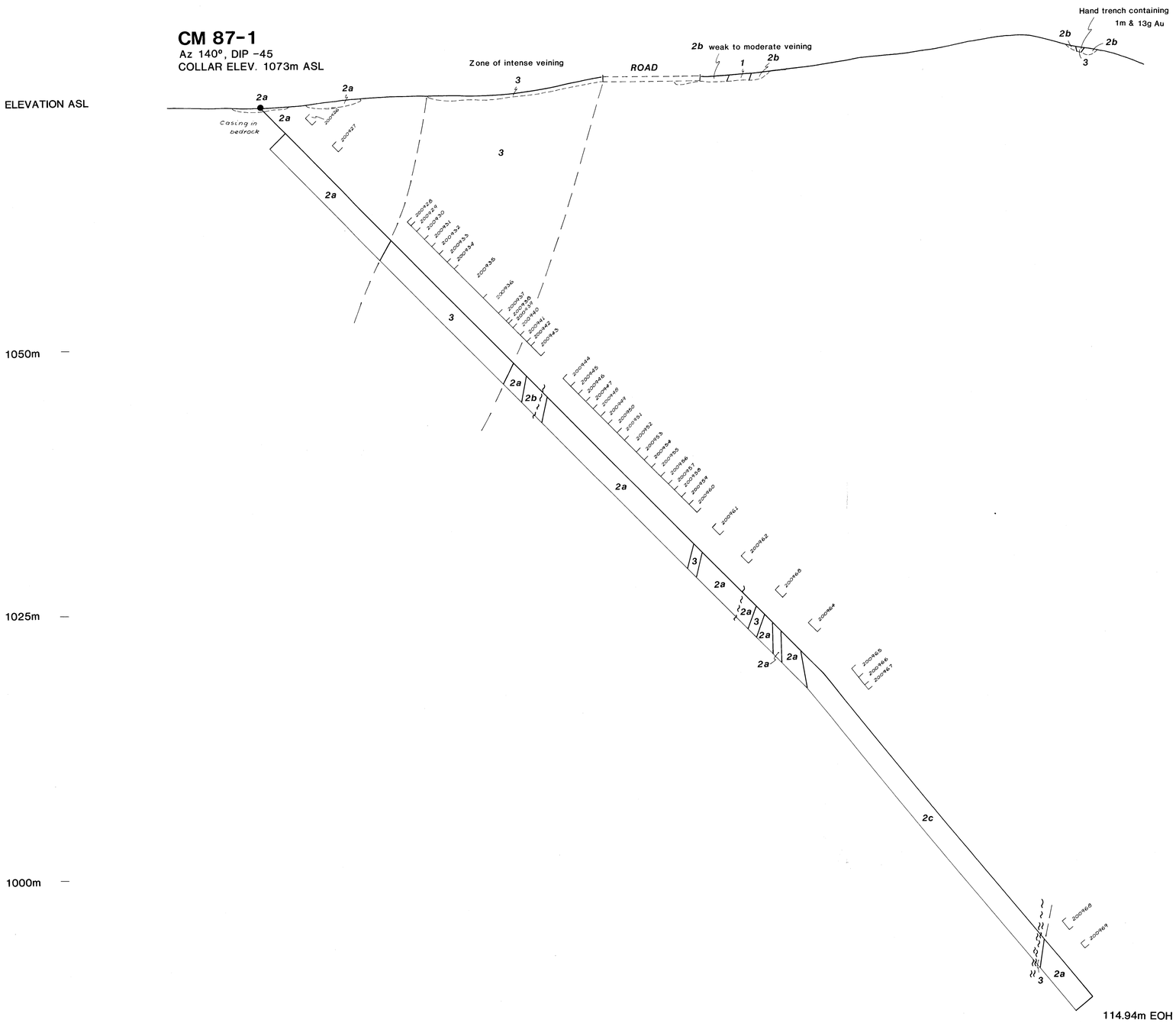
SELCO DIVISION–
BP RESOURCES CANADA LIMITED

BARRIERE PROJECT
CM CLAIMS
HOLE CM 87-2
DRILL SECTION

SCALE 1:200		DRAWN BY: R.Farmer	FIG. 10
DATE Sept 1987		DRAFTED BY: EBW	
N.T.S. 92P/8E	PROJ. 10112	REPORT BPVR 87–11	

NW

SE



LEGEND:

- 5 MAFIC DYKES – Amphibole-feldspar ± poroxene porphyry
- 4 MASSIVE SULPHIDE
- 3 INTENSLY/QTZ CARBONATE VEINED
- 2 MAFIC VOLCANICS
  - a)Flows
  - b)Breccia, brecciated
  - c)Flow Bx, hyaloclastite Bx ?
- 1 1a)Chert
  1b)Graphitic argillite

SAMPLE LOCATIONS

200944
200945
200946

GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,596

0 2 4 6 8 10M

SELCO DIVISION –
BP RESOURCES CANADA LIMITED

BARRIERE PROJECT
CM CLAIMS

HOLE CM 87-1

DIAMOND DRILL SECTION

SCALE 1:1:200	DRAWN BY: R.Farmer	FIG. 9	
DATE Sept 1987	DRAFTED BY: EBW		
N.T.S. 92P/8E	PROJ. 10112	REPORT BPVR 87-11	

700750
701000
701250
701500
701750
5688250
5688000
5687750
5687500
5687250
5687000
5686750
5686500
5686250

115 N
114 N
113 N
112 N
111 N
110 N
108 N
107 N
106 N
99 N

T/L 94 E

BL 100 E

FILED FOR ASSESSMENT
1987 (THIS REPORT).

FILED FOR ASSESSMENT
1987 (THIS REPORT)

NOT BEING FILED THIS REPORT.

N

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,596

50 0 50 100
Scale in Metres

Note: L 107 N - 115 N, 94 E - 100 E REPRESENTS
AREA OF LINECUTTING, GEOLOGY AND
GEOPHYSICS CLAIMED IN THIS REPORT.

- REMAINDER OF LINES ESTABLISHED
DURING SOIL SAMPLE COLLECTION.

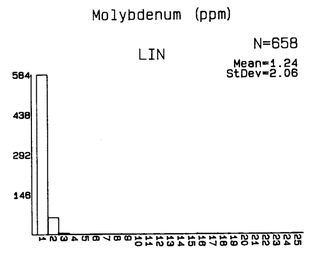
CM CLAIMS COMPILATION

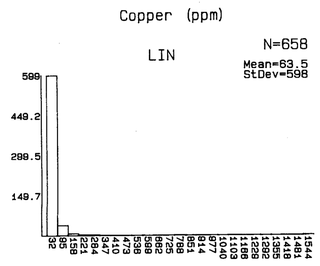
BARRIERE PROJECT - B.C.

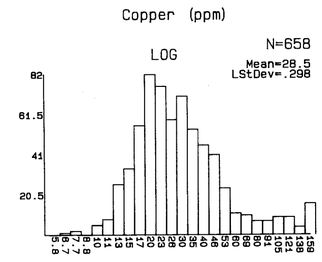
1986-1987 SOIL SURVEYS

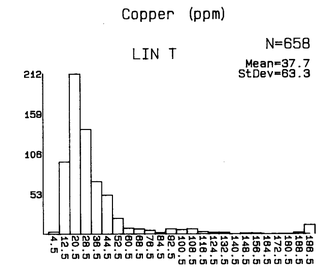
SAMPLE LOCATION MAP

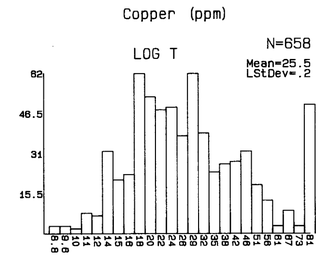
	DATE: SEPT/87	PROJECT#: 565	FIG. 7
	NTS: 92P/8	SCALE 1: 2500	

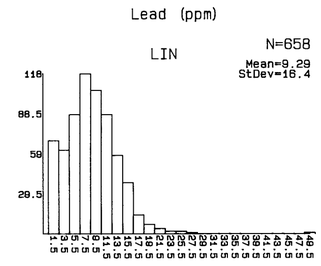


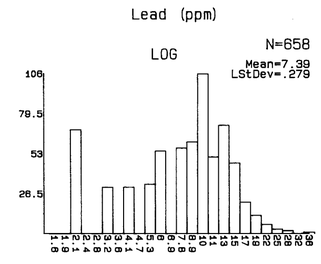


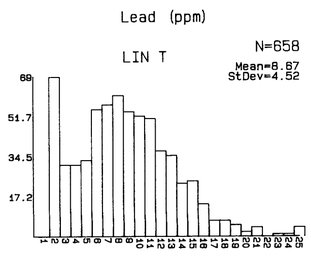


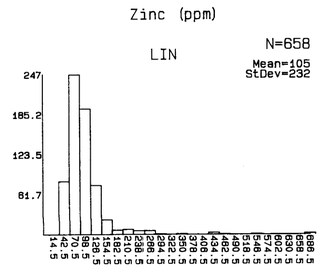


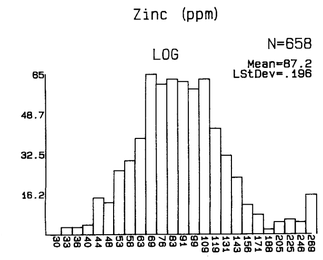


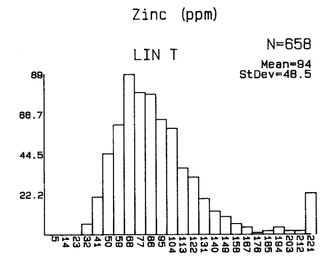


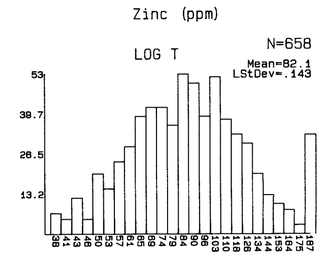


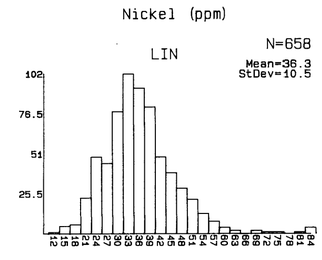


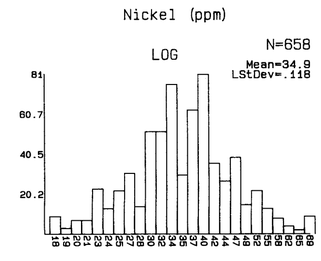


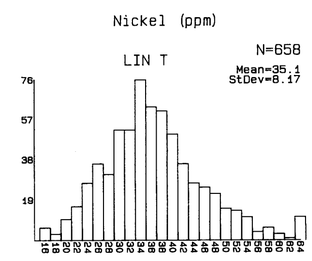


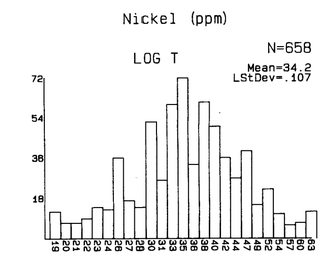


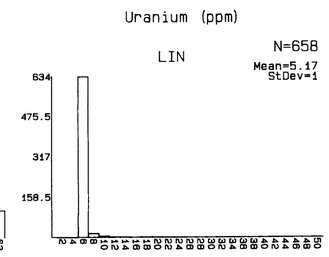


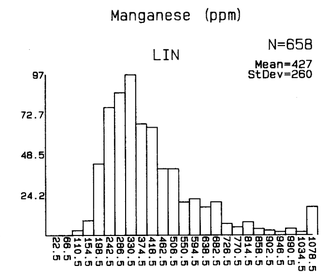


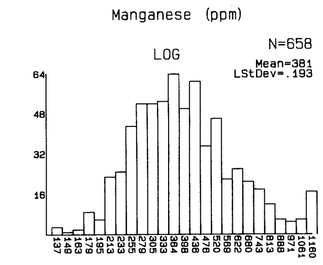


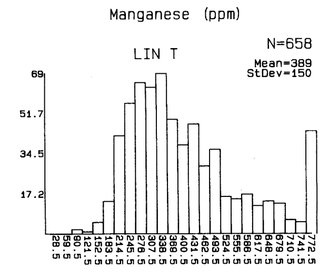


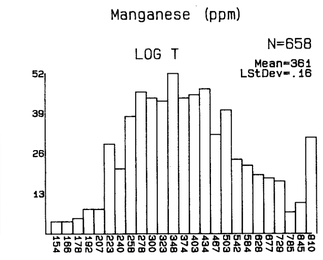


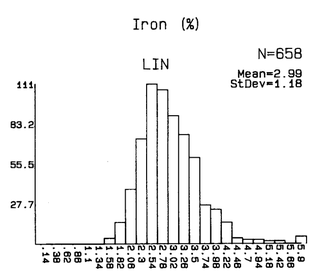


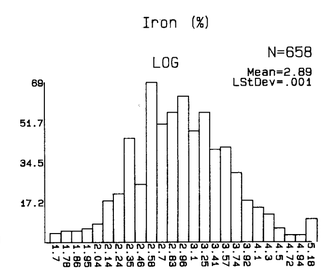


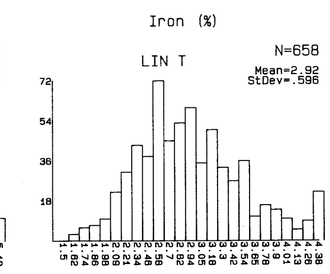


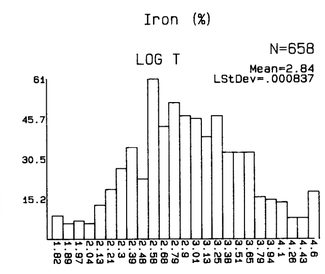


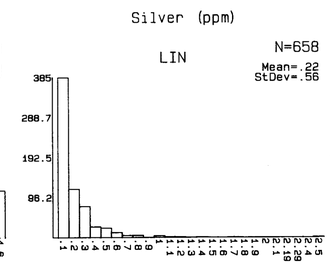


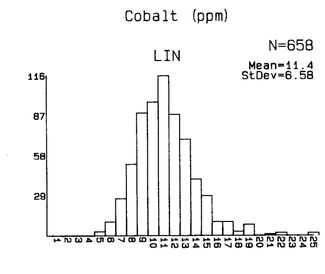


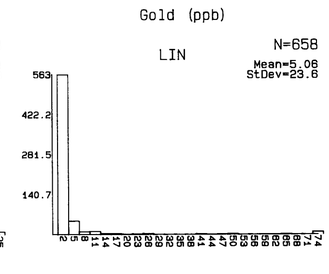


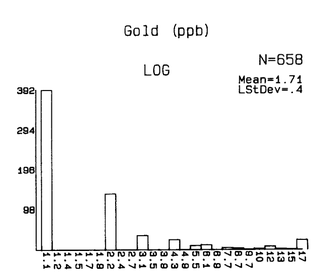


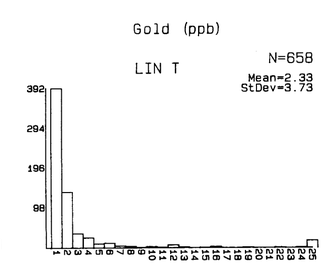


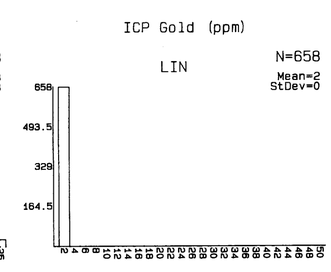


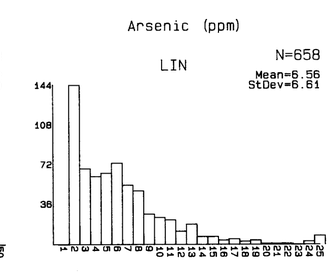


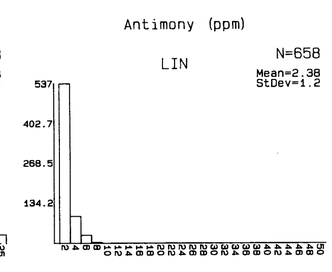


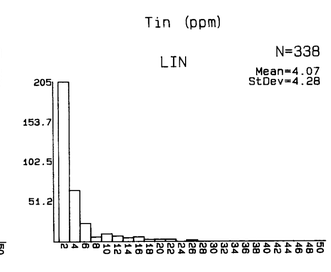


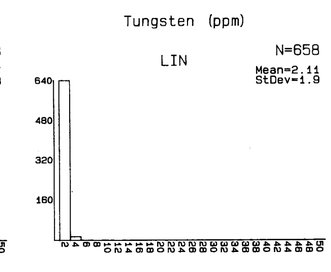


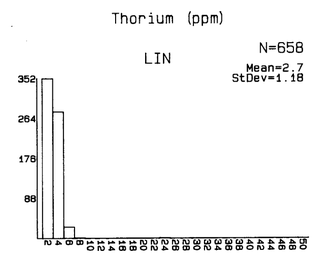


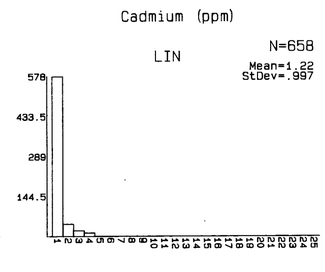


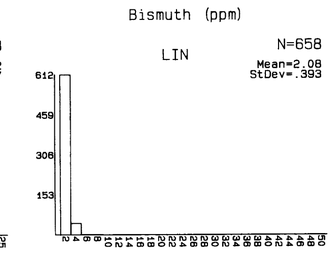


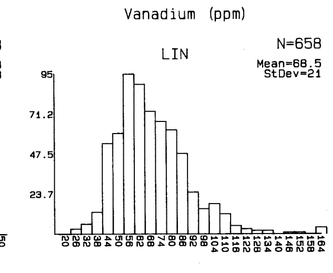


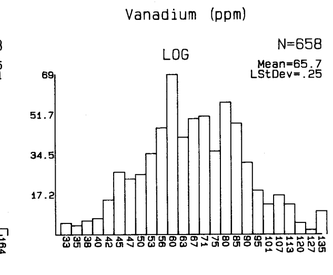












GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,596

DISTRIBUTION HISTOGRAMS

LIN = LINEAR
LOG = LOGARITHMIC
LINT= TRUNCATED LINEAR
LOGT= TRUNCATED LOGARITHMIC

SAMPLE SELECTION CRITERIA:

SAMPLE TYPE	50
PROPERTY CODE	M/N/G/C/P
LSE CODE	ALL
OB ORIGIN	ALL
SAMPLE TEXTURE	ALL
SOIL HORIZON	ALL
BEDROCK GEOLOGY	ALL
NORTH LIMIT	NONE
SOUTH LIMIT	NONE
EAST LIMIT	NONE
WEST LIMIT	NONE

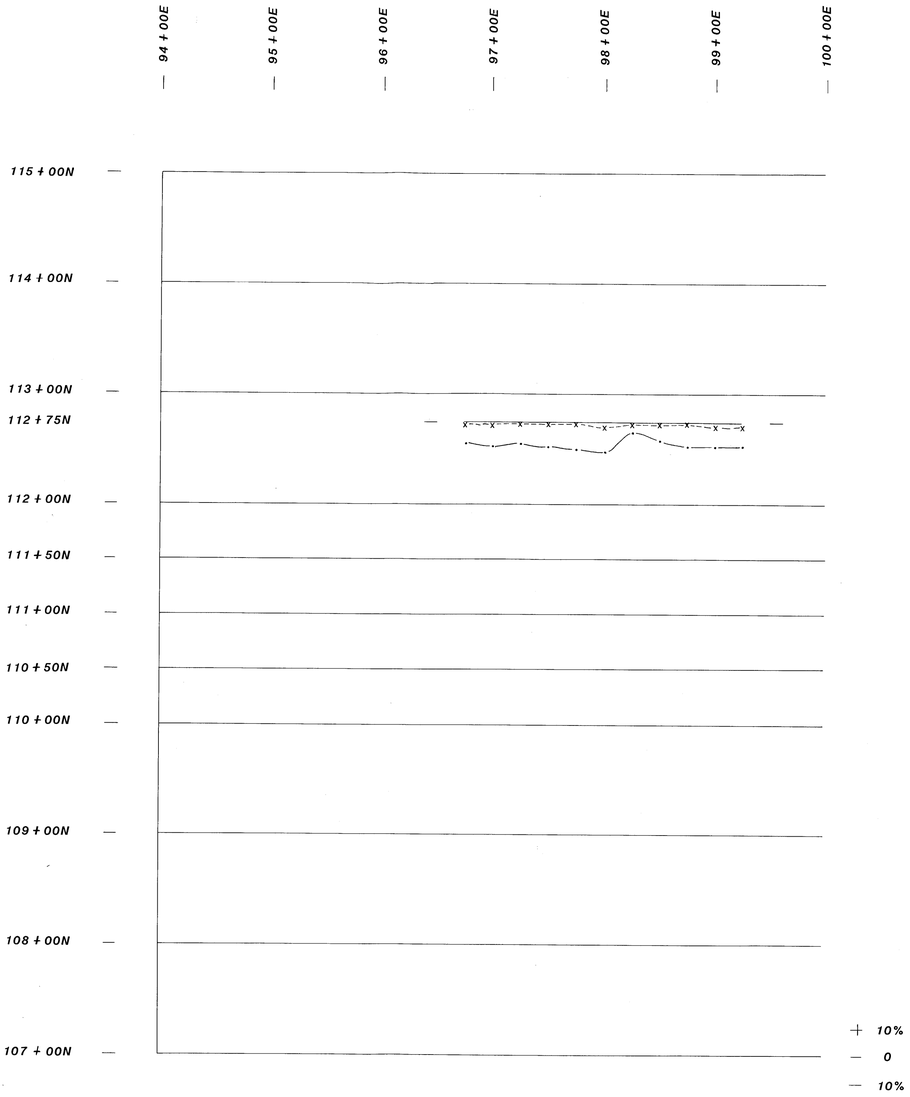
CM CLAIMS COMPILATION

BARRIERE PROJECT - B.C.

1986-1987 SOIL SURVEYS

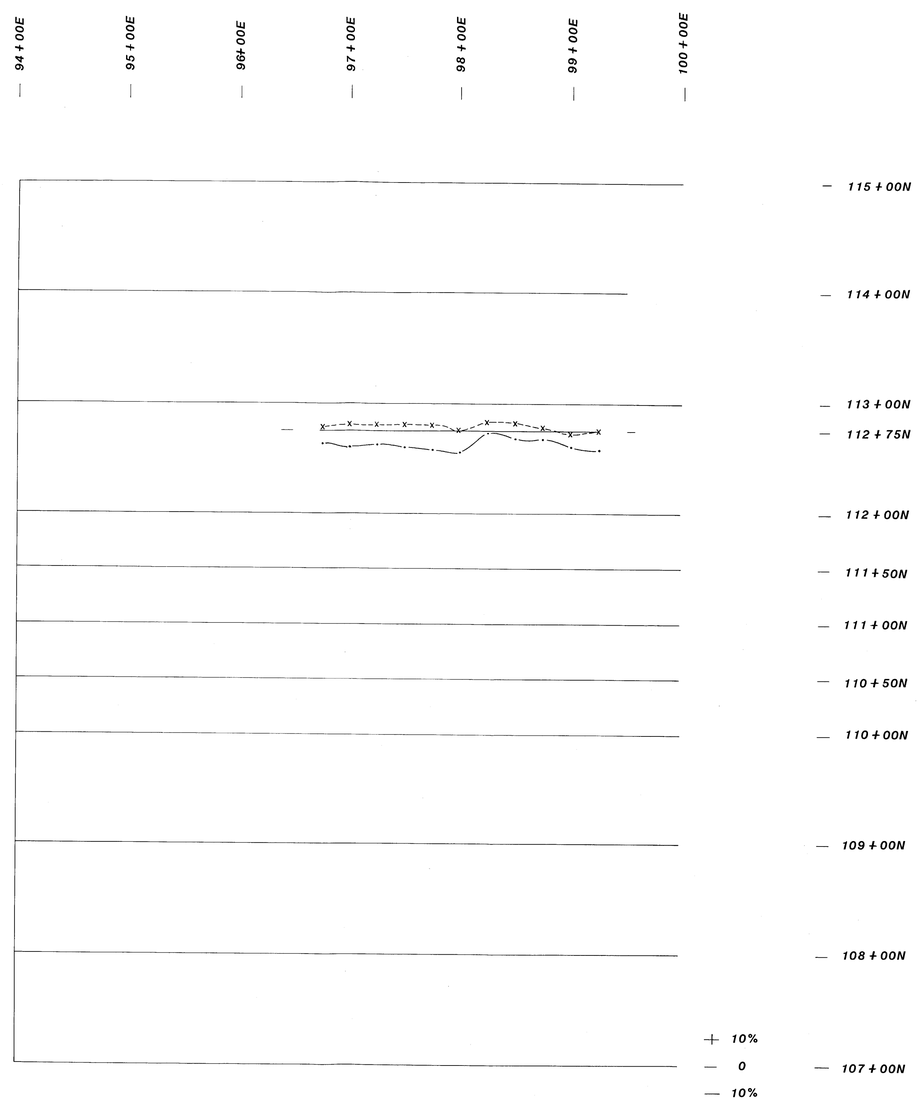
HISTOGRAMS

DATE: SEPT/87	PROJECT#: 565	FIG. 11
NTS: 92P/8		
		REPORT BPVR-87-11



444 HZ

IN PHASE
OUT PHASE



1777 HZ

IN PHASE
OUT PHASE

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,596

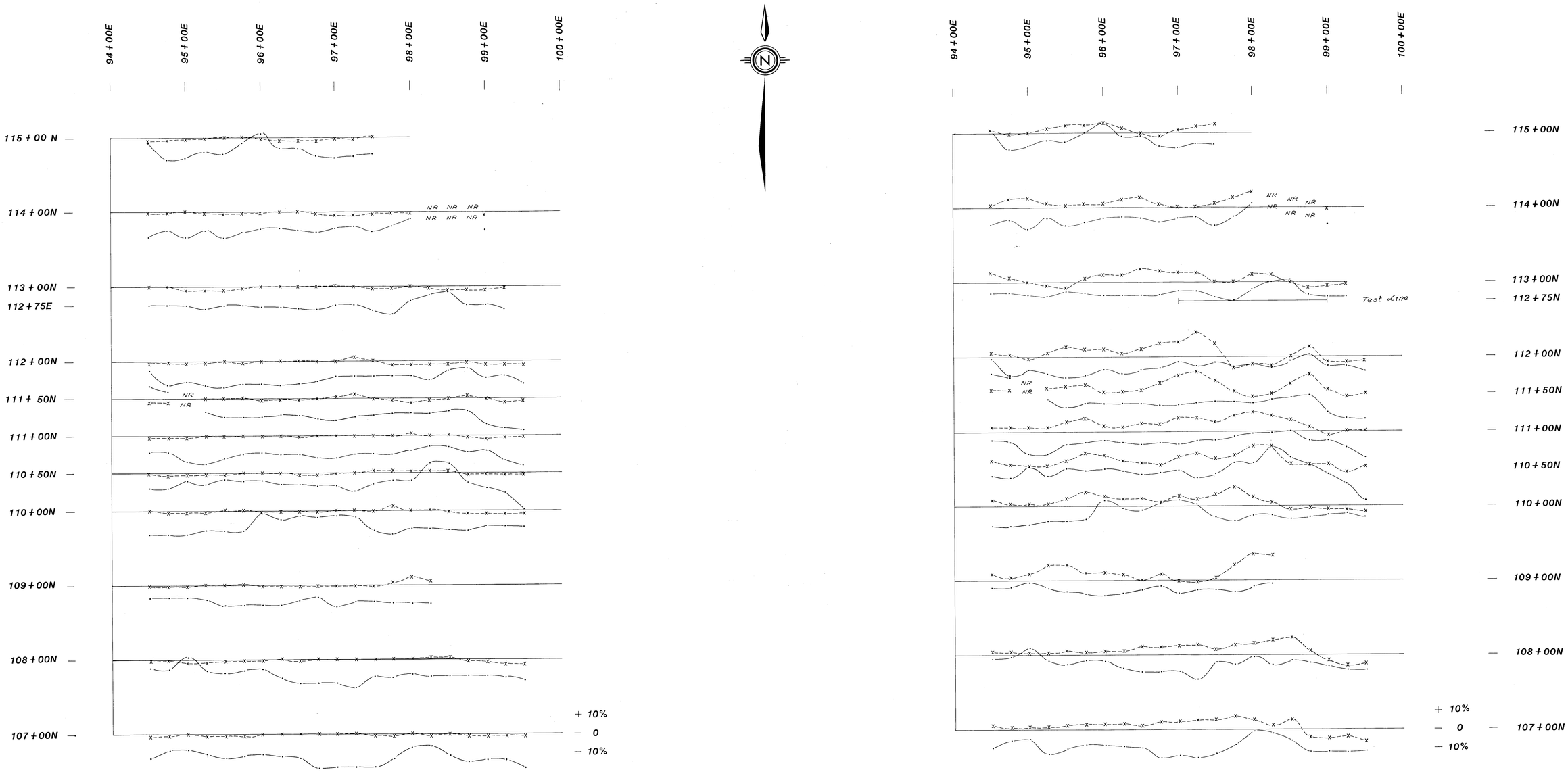
Scale 1:2500

50 0 50 100 150 200 METRES

SELCO DIVISION -
BP RESOURCES CANADA LIMITED

BARRIERE PROJECT
CM CLAIMS
GRID "C" EXTENSION
TEST LINE "MAXMIN"
50 METERS SEPARATION

SCALE 1:2500		DRAWN BY: R.Farmer	FIG. 6B
DATE Sept 1987		DRAFTED BY: EBW	
N.T.S. 82M/12	PROJ. 10112	REPORT BPVR 87-11	



1777 HZ

GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,596

50 0 50 100 150 200 M

SELCO DIVISION -
BP RESOURCES CANADA LIMITED

BARRIERE PROJECT

CM CLAIMS

GRID "C" EXTENSION

" MAXMIN "

100 M SEPERATION

SCALE 1:2500		DRAWN BY: R.Farmer	FIG. 6
DATE Sept 1987		DRAFTED BY: EBW	
N.T.S. 82M/12	PROJ. 10112		REPORT BPVR 87-11