GEOLOGICAL AND GEOCHEMICAL REPORT

OF THE

GOSSAN 6, 9-13, 21 CLAIM GROUP

LIARD MINING DIVISION

Author:	B.P. Butterworth, B.Sc.
	D.B. Petersen, P.Eng.
Date:	October 14, 1987
NTS:	104B/10
Commodities:	Au, Ag, Zn, Cu.
Latitude:	56° 35' North
Longitude:	130° 53' West
Owner:	Western Canadian Mining Corp.
Operator:	Western Canadian Mining Corp.
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SUMMARY

The Gossan 6, 9-13 and 21 claim group situated in the Liard Mining Division is bounded by Bronson Creek to the Northwest and tributaries of Snippaker Creek to the east. Access to the property is by helicopter from the Snippaker Creek or Bronson Creek airstrips. The area is of interest because of exciting new precious metal discoveries at the Bron and Red Bluff showings on the Cominco/Delaware property, its close proximity to Skyline Explorations' Reg property and numerous precious metals occurrences in the surrounding area. Favourable units of the Betty Creek Formation have been uncovered in the region while conducting regional and detailed mapping programmes.

The 1987 exploration programme consisted of geological mapping, soil and rock chip sampling. Stream sediment (silt) samples were collected from all major creeks draining the property.

Future work should include diamond drilling of the gold anomalies on Pyramid Hill and detailed mapping, higher density soil and rock chip sampling and trenching of gold anomalies in the Sericite East area. The retained, grouped claims are in good standing until August, 1999.

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APPENDICES

1. INTRODUCTION

The Gossan 6, 9-13 and 21 mineral claim group, situated in the Iskut River area of northwestern British Columbia (Figure 1) is comprised of 7 mineral claims totalling 94 units. Fieldwork was conducted between June 21, 1987 and August 24, 1987 by a 6 person crew. The programme was supervised by the author, under the direction of project geologist D.B. Petersen of Western Canadian Mining Corp. Objectives of the programme were to outline precious metal targets and to determine whether or not the inferred economic potential of the claim groups warranted the planning and financing of future exploration programmes.

This report is based on geological and geochemical data collected during the 1987 field programme; an examination of diamond drill core and discussion of the Cominco/Delaware property with Bob Sharpe of Cominco Ltd.; and an underground examination of Skyline Explorations' Stonehouse gold deposit conducted by the company's geological staff. A review of available geological and exploration data in the area was also conducted.

1.1 Location and Access

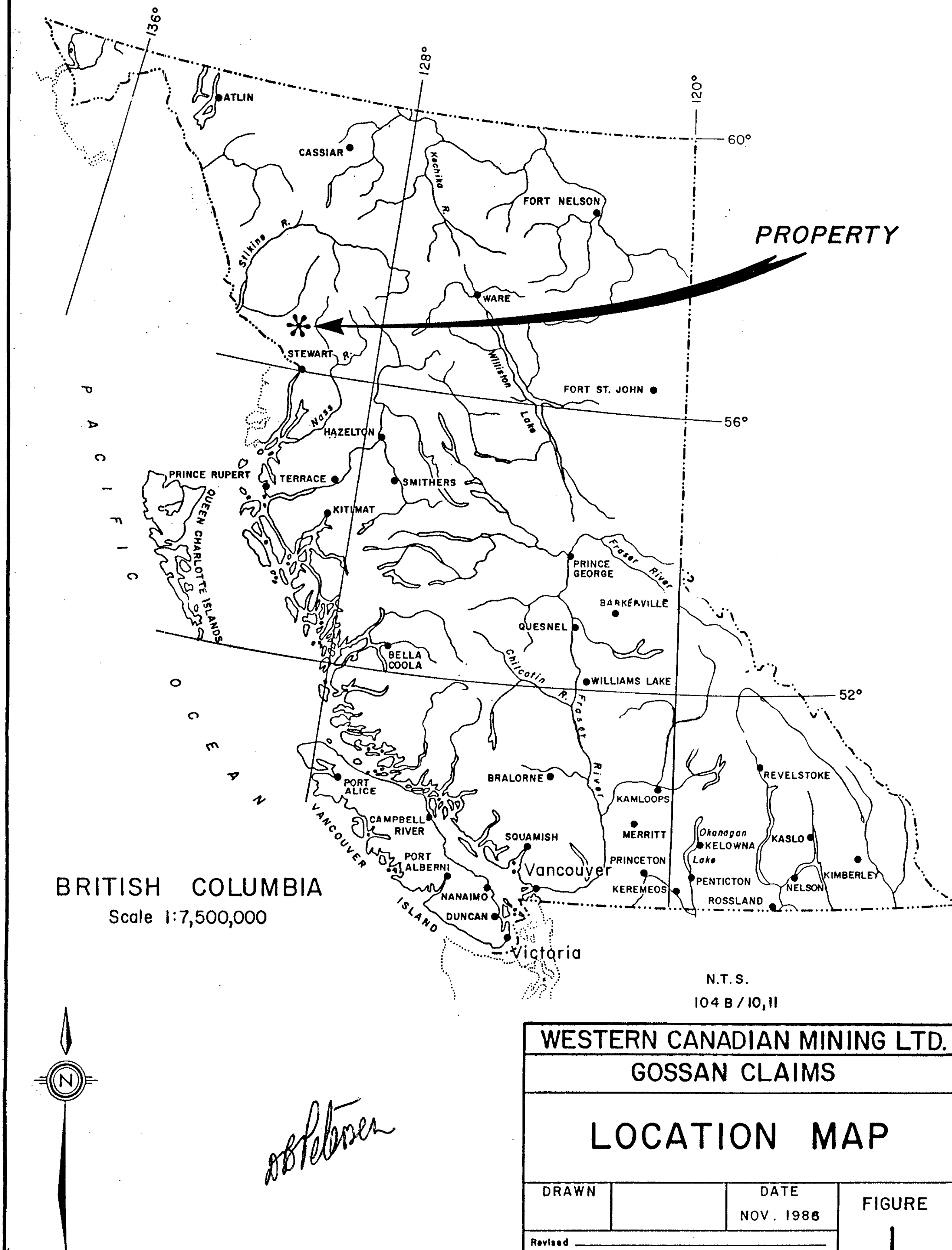
The Iskut River area is situated in northwestern British Columbia approximately 90km north of the town of Stewart and 55 kilometers southwest of the Stewart Cassiar Highway.

The Gossan 6, 9-13, and 21 mineral claims are situated south of Iskut River, southwest of Mount Snippaker and west of Snippaker Creek. The claims occur within the Liard Mining Division, NTS 104B/10, and are centred at latitude 56° 35' north and longitude 130° 53' west.

Access into the area is by fixed wing aircraft from Terrace (260 Kilometers to the Southeast) to the Snippaker Creek or Bronson Creek airstrips 3 kilometers east and 10 kilometers west, respectively and thence by helicopter to the claims.

1.2 Physiography

The claims are situated within the Boundary Ranges of the Coast Mountains. This geographic province consists of a mountainous and glaciated terrain that exhibits relief in excess of 2000 metres. Tree-line varies from 1000-1200 metres above sea level and is marked by a thick, intertwined growth of one to two metre tall stunted spruce. Below this point, particularity within the lower valleys, vegetation predominantly consists of a dense growth of tag alder.



N.T.S.
104 B/10,11

WESTERN CANADIAN MINING LTD.		
GOSSAN CLAIMS		
LOCATION MAP		
DRAWN	DATE NOV. 1986	FIGURE 1
Revised		

Active glaciation is prevalent in the district. These occur as caps over areas of higher elevation, notably above 1500 metres, and as impressive valley glaciers.

Relief over the Gossan claim group ranges from 850 metres above sea level on the valley floor to 1780 metres on Khyber ridge. Slopes are generally moderate to steep, facing in all directions. Streams which drain these slopes have eroded a series of deep ravines that provide good bedrock exposure. Such features however, play havoc with side hill traverses.

1.3 Claim Information

The Gossan claim group (Figure 2) is comprised of 7 modified grid mineral claims totalling 94 units. Pertinent data for each claim is outlined below in Table I.

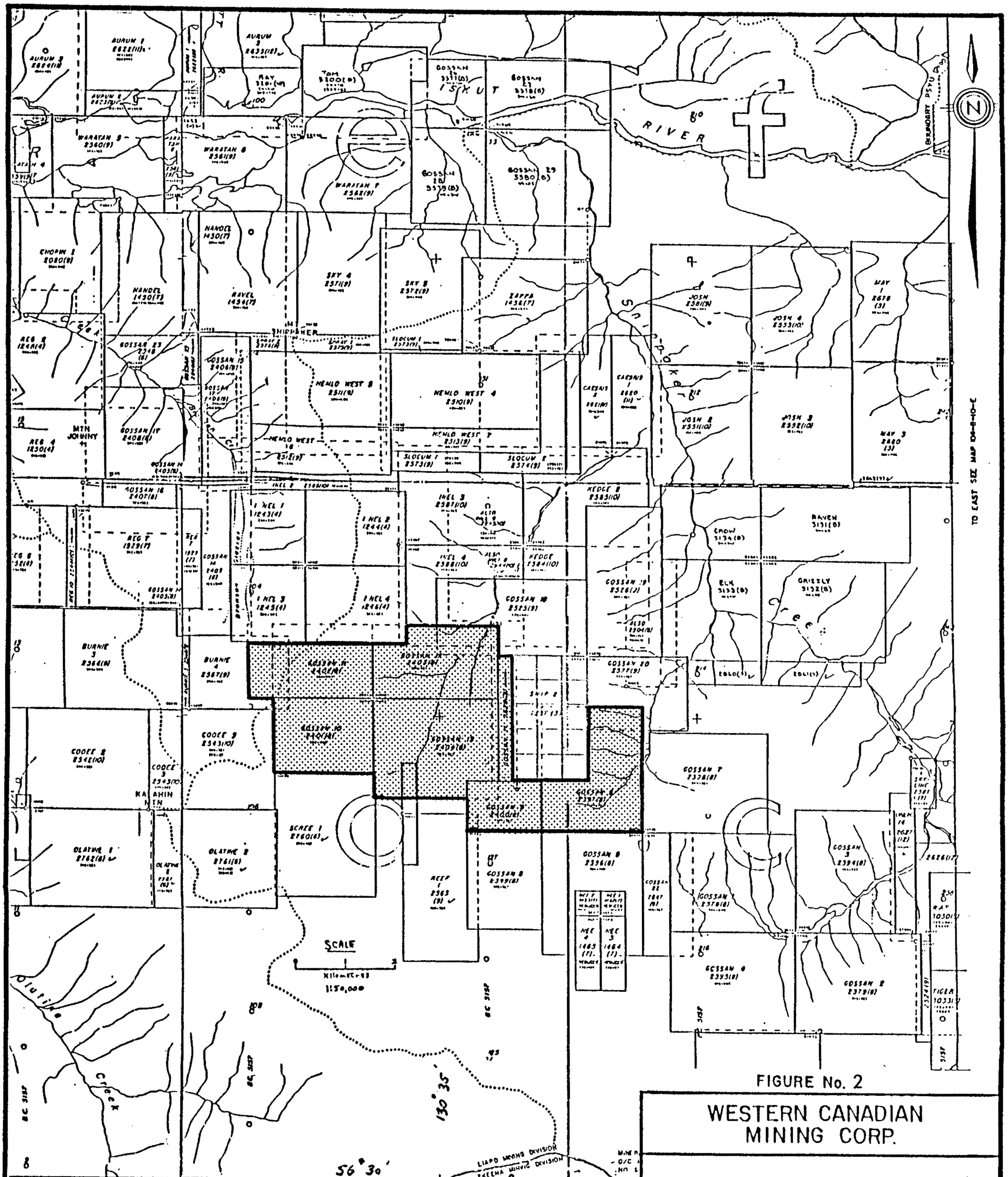
TABLE I - CLAIM DATA

Claim Name	Units	Record Number	Recording Date	Year of Expiry
Gossan 6	20	2397	08/24/82	1999
Gossan 9	6	2400	08/24/82	1999
Gossan 10	12	2401	08/01/82	1999
Gossan 11	15	2402	08/24/82	1999
Gossan 12	15	2403	08/24/82	1999
Gossan 13	20	2404	08/04/82	1999
Gossan 21	6	2628	12/16/82	1999

The claims are owned and operated by Western Canadian Mining Corp.

1.4 History

Interest in the Iskut River area underlying the Gossan and surrounding claims dates back to 1907, when gold, silver, and galena bearing mineralization was discovered near Johnny Mountain by the Iskut Mining Company. Only scanty information is available covering subsequent activities until 1954-61, when Hudson's Bay Mining and Smelting carried out drilling programmes in the same area. Since then the district has been explored for base and precious metals at both regional and property scales by various mining companies, including Skyline Explorations Ltd., Cominco Ltd., Silver Standard Mines Ltd., Texasgulf Inc., Great Plains Development, Teck Corporation and Dupont Canada Ltd.



GOSSAN 6, 9-13, 21 GROUP

FIGURE No. 2

WESTERN CANADIAN
MINING CORP.

GOSSAN CLAIMS

Date: OCT. 1987	N.T.S.: 104B/10
Scale: 0 1 2 3 kMs	RPT: 988

In 1983 Lonestar Resources Ltd. commissioned Active Mineral Exploration Ltd. to carry out a reconnaissance geological mapping and geochemical sampling programmeon the Gossan Mineral Claims (Bending, 1983). A number of the properties were optioned to Brinco Mining Ltd. in 1985 and subsequently transferred to Western Canadian Mining (W.C.M.) Corp. in 1986. Aggressive exploration has been continued in the immediate area of the Gossan mineral claims, notably by Skyline Explorations Ltd. and by Cominco Ltd.

1.5 1987 Exploration Programme

Exploration activities in 1987 on the Gossan 6, 9-13 and 21 mineral claims were carried out by a 6 person crew between June 21, 1987 and August 24, 1987. The exploration programme consisted of the following surveys:

1) Stream sediment samples were collected from all major tributaries draining the property. A total of 23 samples were collected.

2) Grids were established on the east flank of Sericite Ridge (Sericite East Grid) and on Pyramid Hill (Pyramid Hill Grid). Grid lines were spaced 100 metres apart and B-Horizon soil samples were collected at 25 metre intervals. A total of 870 samples were collected.

3) Two contour grid lines, at 1260 m and 1480 m, were established on the Gossan 9 mineral claim. A total of 33 B-horizon soil samples were collected at 50 metre intervals.

4) Detailed geological mapping (1:2,500) and rock chip sampling was carried out over the Pyramid Hill and Sericite East Grid areas; 198 rock chip samples were collected.

5) Rock chip/channel samples were collected in two highly mineralized areas on Pyramid Hill. A total of 106 samples were collected.

All samples were analysed for 30 elements utilizing the ICP technique and for gold by atomic absorption analysis.

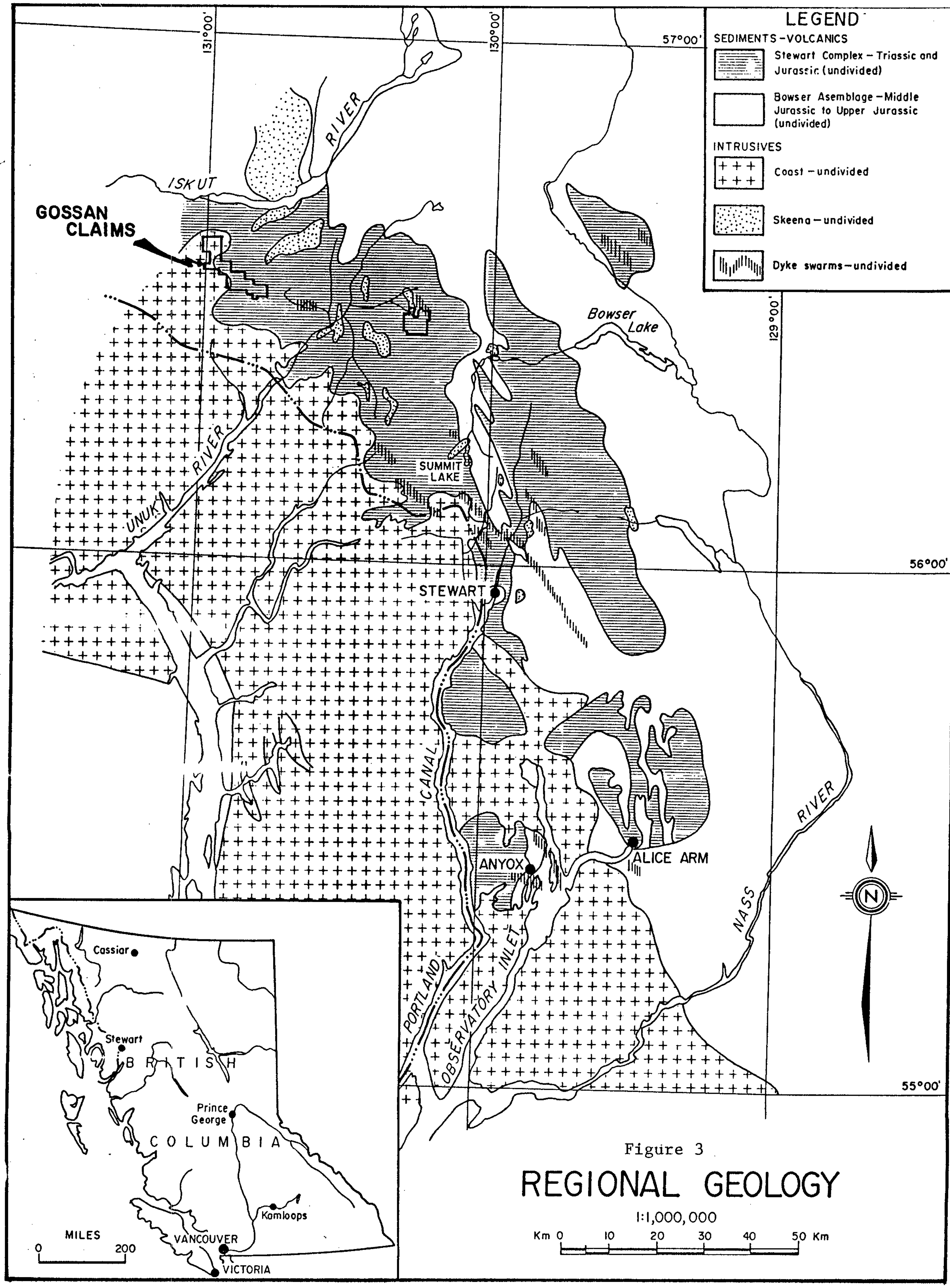
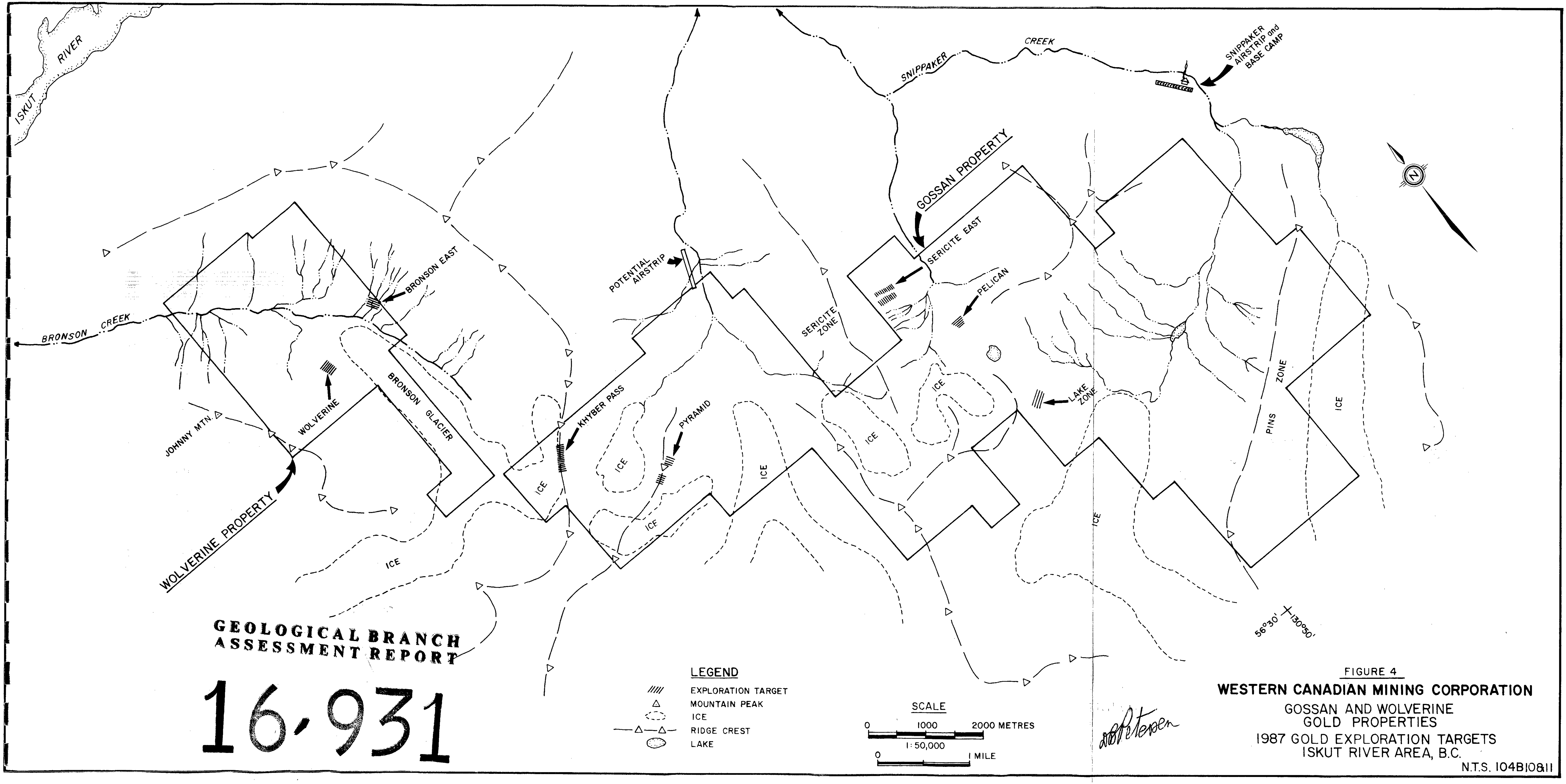


Figure 3

REGIONAL GEOLOGY

1:1,000,000



ISKUT RIVER
BRONSON CREEK
SNIPPAKER CREEK
SNIPPAKER AIRSTRIP and BASE CAMP
GOSSAN PROPERTY
SERICITE EAST
PELICAN
SERICITE ZONE
POTENTIAL AIRSTRIP
BRONSON EAST
WOLVERINE
BRONSON GLACIER
JOHNNY MTN.
WOLVERINE PROPERTY
KHYBER PASS
PYRAMID
ICE
LAKE ZONE
PINS ZONE
N
56°30'
130°50'
GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,931
LEGEND
EXPLORATION TARGET
MOUNTAIN PEAK
ICE
RIDGE CREST
LAKE
SCALE
0 1000 2000 METRES
1:50,000
0 1 MILE
FIGURE 4
WESTERN CANADIAN MINING CORPORATION
GOSSAN AND WOLVERINE GOLD PROPERTIES
1987 GOLD EXPLORATION TARGETS
ISKUT RIVER AREA, B.C.
N.T.S. 104B10&11

2. GEOLOGY

2.1 Regional Geology

The regional geology in the Iskut River areas has been mapped by Kerr (1948) and recently by Grove (1986).

The Gossan property lies at the eastern edge of the Coast Plutonic Complex, near the western boundary of the Bowser basin (Figure 3). The claims are at the northern end of the belt of rocks described by Grove (1971) as the Stewart Complex. The complex consists of an undivided group of sedimentary and volcanic rocks of Upper Triassic and Jurassic age, which are intruded by Middle Mesozoic marginal phases of the Coast Range intrusions.

The stratified rocks are composed of submarine to sub-aerial fragmental volcanic rocks that are interlayered with sequences of argillite, banded siltstone, greywacke, conglomerate and minor impure limestone, most of which are believed correlative with the lower Jurassic Hazelton Group.

Structurally, rock units have a general northwest trend and have locally, been regionally metamorphozed to the greenschist facies and strongly deformed. According to Grove (1979) the Iskut River marks a major east-west trending thrust fault that has resulted in Paleozoic strata being pushed southerly across Mesozoic units. Numerous north to northeasterly trending faults and fractures offset units throughout the region.

The stratigraphy is intruded by subvolcanic intrusive and by mid to late Mesozoic and Cenozoic plutonic rocks. These include stocks and dykes of granodiorite , quartz monzonite and feldspar porphyry, as well as late Tertiary dykes and plugs of basalt and diorite.

2.2 Property Geology

2.2.1 PYRAMID HILL AREA

2.2.1.1 Lithology

Geological mapping and rock chip sampling on the Gossan 10 and 13 mineral claims was concentrated on the east and west slopes of Pyramid Hill and to a lesser degree, along ravines on the north slope (Figures 5,6,7). In addition, detailed mapping and rock chip/channel sampling was carried out in a highly mineralized area, west of Pyramid Peak (Figure 8)on the north side of a prominent "saddle" and on the east flank of Pyramid Hill (Figure 5) in and around a massive magnetite exposure.

Pyramid Hill is largely underlain by a southwesterly dipping, 450 to 550 metre thick succession of sedimentary and volcaniclastic rocks. The sedimentary rocks are predominantly thinly bedded, locally calcareous, pale to dark grey siltstones passing stratigraphically upwards into tuffaceous siltstones. Higher in the succesion,the sequence is characterized by massive tuffs and lapilli tuffs. Numerous granodiorite and orthoclase porphyry dyke-like apophyses of the Coast Plutonic Complex intrude both the siltstone and volcaniclastic units.

The two hypabyssal plutonic suites recognized in the area are comprised of massive, medium to coarse grained, orthoclase bearing diorites and quartz diorites. These rocks form swarms of dykes up to 25 metres in thickness and, although complexly faulted, have been traced for over 150 metres in strike length. Varying degrees of sulphide-bearing skarn alteration are developed within the volcaniclastics and tuffaceous siltstones, particularily in areas adjacent to the intrusions. Similarly, the basal siltstone unit is commonly hornfelsed with secondary biotite and is pyrite-rich in areas adjacent to many of these intrusions.

Skarn alteration is best developed in the middle to upper part of the volcaniclastic sequence; it is comprised of massive, medium grained chlorite ± diopside with lesser amounts of quartz and epidote, isolated clusters of subhedral to euhedral coarse brown garnet, scattered tremolite-actinolite and sporadic sulphides.

The biotite hornfels siltstone is characteristically dark brown coloured, siliceous, massive and fine grained. It is commonly cut by a network of thin quartz veinlets with a core of light green coloured chlorite, diopside and pyrite. This distinctive chlorite veining and hornfelsing serves as a useful indicator of nearby skarn alteration and mineralization.

2.2.1.2 Lithogeochemistry and Mineralization

Grab and continuous rock chip samples collected from the Pyramid Hill area contained moderate to high gold, silver and copper contents (peak values 2,400 ppb, 291.7 ppm, and 12,044 ppm, respectively) and anomalous concentrations of other elements. Grab sample locations and results are shown on Figure 7 and continuous chip sample locations and results are shown on Figures 5 and 8. Table 2.1 summarizes lithogeochemical analyses of some anomalous samples. Assay certificates are included in Appendix I.

The skarn related mineralization at Pyramid Hill appears stratabound and has selectively followed a favourable horizon, notably a sequence of tuffs and lapilli tuffs within a bedded succession of siltstones and tuffaceous siltstones. The volcano/ sedimentary succession has been intruded and hornfelsed by swarms of granodiorite and orthoclase porphyry dykes. Gold-bearing sulphides, predominantly pyrite and chalcopyrite, occur as fine grained anhedral disseminations, masses, veins and veinlets often concentrated along contacts between dykes and skarn-altered volcaniclastics. In other parts of the skarn assemblage pyrite and minor chalcopyrite occur as disseminated anhedral aggregates, clusters, and discontinuous, erratically distributed veins and veinlets.

A massive magnetite and minor chalcopyrite replacement zone was identified on the east flank of Pyramid Hill in the vicinity of the skarn/siltstone contact (Figure 6). Apophyses of this magnetite body were traced for approximately 30 metres and continuous rock chip samples were collected at 1 metre intervals (Figure 5). Samples collected from both the magnetite zone and nearby silicified and pyritized siltstone unit yielded low precious and base metal concentrations. Similarly, continuous rock chip samples were collected at 1 metre intervals from exposures of hornfelsed latitic volcanics and siltstones on the north side of a prominent 'saddle' west of Pyramid Peak (Figure 8). Geological mapping of the area revealed a high concentration of stockwork pyrite and minor chalcopyrite infilling fractures in both the volcanic and sedimentary units and also along contacts between diorite dykes and the hornfelsed volcanosedimentary units. Precious metals concentrations were moderate and erratically distributed (Peak values 720 ppb gold and 3.9 ppm silver).

TABLE 2.1

SUMMARY OF LITHOGEOCHEMICAL RESULTS - PYRAMID HILL

SAMPLE No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb	DESCRIPTION
G-87R-006	831	1129	10277	291.7	410	Andesite fragmental tuff with angular fragments up to 1cm in diameter; Quartz occurs as stockwork veinlets with disseminated pyrrhotite, sphalerite and galena. Grab sample.
G-87R-009	267	11	77	14.8	32	Intensely silicified and locally clay altered siltstone with up to 1% disseminated pyrite. Grab sample.
G-87R-049	12044	17	52	18.4	1620	Chlorite-epidote± diopside skarn-altered volcaniclastic rock. Up to 5% pyrite and lesser chalcopyrite occur as anhedral blebs and clusters. Grab sample.
G-87R060	3148	352	637	16.8	395	Quartz stockwork infills 1 metre wide shear zone in banded siltstone unit. Up to 1% disseminated pyrite and occasional patches of malachite. Grab sample.
G-87R-064	540	32	98	2.9	650	Hornfelsed siltstone with 10% massive magnetite and scattered clusters of chalcopyrite. 10 metre chip sample across magnetite rich zone.
G-87R-069	8874	41	540	11.1	79	Quartz, chalcopyrite and pyrite stockwork infilling shear zone. 1 metre continuous chip sample.

TABLE 2.1 Cont'd

SUMMARY OF LITHOGEOCHEMICAL RESULTS - SERICITE EAST

SAMPLE No.	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb	DESCRIPTION
G-87R-091	1306	10	18	4.7	935	Quartz-epidote ± diopside skarn with 3-5% disseminated and stockwork pyrite. 1.5 metre continuous chip-sample.
G-87R-093	343	5	5	2.9	485	As described in 091.
G-87R-094	510	10	5	3.7	505	As described in 092.
G-87R-095	2360	17	82	6.2	705	Chlorite-epidote ± diopside skarn with pervasive and stockwork carbonitization. Up to 20% pyrite occurs as veinlets and disseminations. Grab sample.
G-87R-099	5406	11	44	11.3	1060	Epidote-garnet-quartz-chlorite skarn with 5-10% pyrite occuring as coarse aggregates. 1.5 metre Grab sample.
G-87R-102	1933	15	23	9.7	2400	Quartz-chalcopyrite vein, 10cm wide with scattered blebs and coarse aggregates of chlorite, epidote and pyrite. Grab sample.
G-87R-118	810	77	69	4.1	1100	Quartz-chlorite-epidote skarn assemblage with 10-30% massive pyrite. Grab sample.
G-87R-553	210	14	39	0.6	725	Siltstone sequence with pervasive and stockwork silicification. Pyrite occurs as veins and veinlets infilling fractures to 20%. Grab sample.
G-87R-600	108	48	86	11.4	780	Massive magnetite with 5-20% pyrite as coarse aggregates.

2.2.2 SERICITE EAST AREA

2.2.2.1 Lithology

The Gossan 6 mineral claim is underlain by quartz monzonite and related hypabyssal rocks and lesser amounts of andesite tuffs, greywackes and siltstones. Schists and phyllites derived from felsic to intermediate volcanic and volcaniclastic rocks overlie most of the intrusive body. Geological mapping of the property in 1987 was concentrated on the east slope of Sericite Ridge and to a lesser degree, along the southern end of Sericite Ridge. The geology and sites of chemically analyzed rocks are shown on Figure 9.

Pale to medium green, medium grained monzonite to quartz monzonite intrusive rocks (Unit 1) crop out in many of the creek beds draining the east slope of Sericite Ridge. These rocks are widespread throughout the area, underlying most of the lower half of the property. A penetrative foliation in and around major structural features generally varies between 005° and 020° with 28° to 76° dips.

Several dykes of varying composition, related to both the monzonite pluton and a later dyke forming event, occupy fractures in the intrusive and in the overlying volcano/sedimentary unit. The dykes generally vary from 1 metre to 5 metres in width with a predominant northeast trend. The following is a brief description of the various dykes encountered during the 1987 mapping programme:

Granodiorite (Unit 1c)

Pale to medium green, fine grained and porphyritic. The unit is comprised of up to 25% subhedral to euhedral feldspar phenocrysts averaging 1-2mm in size; 35-40% very fine gained K-feldspar and 12-15% quartz. Quartz, K-feldspar and minor pyrite veins and veinlets cut the sequence locally. Feldspars are commonly altered to fine grained aggregates of sericite and occasionally epidote.

Orthoclase Porphyry (Unit 1d)

Fine grained, equigranular matrix comprised of 30% anhedral to subhedral mafic phenocrysts and 40% anhedral masses of quartz. Euhedral orthoclase phenocrysts up to 0.5 x 2.0cm in size comprise up to 20-30% of the unit.

Basalt (Unit 1a)

Dark brown to black, medium grained, magnetic and locally vesicular unit. Widths generally range from 1-7 metres

Hornblende Lamprophyre (Unit 1b)

Brown to dark grey aphanitic groundmass with 1-5% scattered hornblende phenocrysts. Phenocrysts are dark brown to black, subhedral to euhedral and locally up to 0.5cm in width.

A prominent, highly hematite and limonite stained interbedded volcaniclastic and sedimentary unit occurs in sharp contact with the underlying monzonite pluton (Unit 2a). The volcaniclastic unit is comprised of a fine grained latitic matrix with angular fragments of a similar composition reaching 2cm in diameter. The matrix is highly foliated and fractured, contains minor disseminated pyrite, and is intensely altered to sericite and minor chlorite. Siltstone beds are pale to medium grey, laminated, locally up to 20 metres thick and weakly hornfelsed.

A thick sequence of green to grey well laminated siltstone is prevalent in the southern end of Sericite Ridge. The unit is highly fractured and iron stained with rare pyrite occurring as fracture fillings and local disseminations.

2.2.2.2 Lithogeochemistry and Mineralization

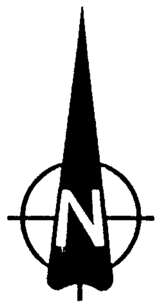
Rock chip samples collected from the Sericite East area contained moderate gold contents (peak value 450 ppb) and anomalous concentrations of other elements (Figure 9). Table 2.1 summarizes lithogeochemical analyses of some representative and anomalous rock samples. Assay certificates are included in Appendix I.

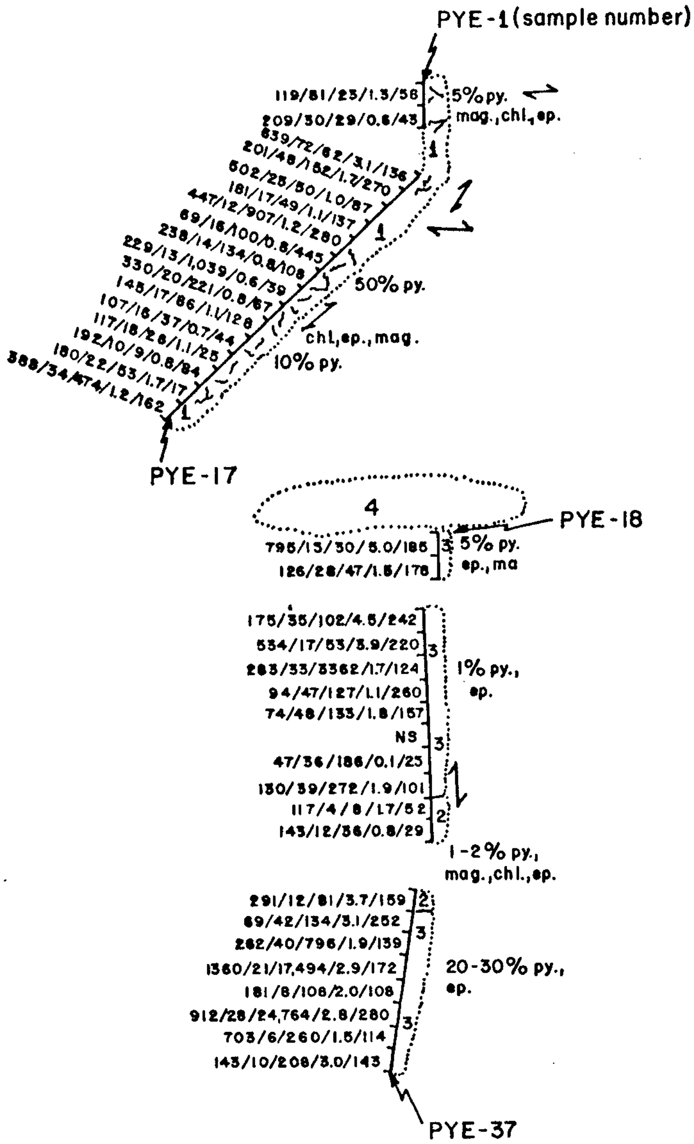
An intensely sericitized felsic volcaniclastic rock (Sample G87-R-527) with up to 3% disseminated pyrite and intense pervasive iron-oxide staining had the highest gold content, 450 ppb. However, the great majority of similar rocks in the area did not contain more than 50 ppb gold. Sample G-87R-060, representing a quartz stockwork infilling a sheared zone in laminated siltstones contained anomalous gold, silver, copper, lead, and zinc values of 395 ppb, 16.8 ppm, 3,148 ppm, 252 ppm, and 637 ppm, respectively.

TABLE 2.2

SUMMARY OF LITHOGEOCHEMICAL RESULTS - SERICITE EAST

SAMPLE No.	RESULTS Cu ppm	Pb ppm	Zn ppm	Ag ppm	Au ppb	DESCRIPTION
G87R-060	3,148	252	637	16.8	395	Quartz stockwork up to 1 metre wide infills sheared zone. Up to 1% disseminated pyrite and scattered patches of malachite. Grab sample over 1m width.
G87R-503	209	23	142	0.6	240	Sericite/chlorite schist, highly fractured and foliated with up to 3% disseminated pyrite Grab sample.
G87R-525	40	81	225	1.6	390	Silicified siltstone with 3-5% disseminated and minor stockwork pyrite. Grab Sample.
G87R-527	8,304	26	63	9.9	450	Sericite and minor chlorite schist with 5-10% and <1% disseminated pyrite and chalcopyrite, respectively. Grab sample.
G87R-539	52	27	93	1.6	265	Silicified, laminated siltstone with up to 3% disseminated pyrite. Grab sample.
G87R-601	265	26	115	1.1	13	Andesite tuff with minor chlorite, epidote and silica alteration. Up to 2% disseminated pyrite. Grab sample.





SYMBOLS & ABBREVIATIONS

712/7/62/1.1/73]	chip sample intervals Cu in PPM/Pb in PPM/Zn in PPM/Ag in PPM/Au in PPB.
(dotted outline)	outcrop
(arrow)	strike of foliation
chl	chlorite
ep	epidote
mag	magnetite
py	pyrite
ma	malachite

LEGEND

1	Siltstone/Chert
2	Skarn altered pyroclastic unit.
3	Massive magnetite, minor pyrite and chalcopyrite.
4	Diorite
(vein symbol)	Quartz, pyrite veins.

FIGURE No. 5

WESTERN CANADIAN MINING CORP.

1987
GOSSAN PROJECT
PYRAMID HILL MAGNETITE SHOWING
DETAILED GEOLOGY
& LITHOGEOCHEMISTRY

Date October, 1987	N.T.S. 104 B
Scale 0 5 10 15 m.	RPT 988

3. PETROLOGY

3.1 Introduction

Petrographic studies (Report included in Appendix II) were carried out on three rock chip samples collected from pyritiferous rocks on the north side of Pyramid "saddle" (Figure 8) and five rock samples collected from the east flank of Sericite Ridge (Figure 9). Samples PY-01 and PY-02 were described in the field as hornfelsed siltstone cut by numerous pyrite veins and veinlets and contained 330 ppb and 260 ppb gold, respectively. Sample PY-03 was described as a pale to medium green microdiorite with up to 20% disseminated and coarse aggregates of pyrite and contained 150 ppb gold.

Four of the five samples collected from the Sericite East area (SE-3270, SE-3530, SE-3850, SE-3880) were described in the field as medium to coarse grained quartz monzonite intrusive rocks. Sample number SE-3950 was described as an intensely sericitized and clay-altered volcaniclastic.

3.2 Results

All samples from the Pyramid Hill area were identified as intermediate volcanic rocks containing abundant plagioclase and lesser amounts of potassium feldspar. Samples PY-01 and PY-02 have been hornfelsed and altered; secondary biotite is abundant in the groundmass, and has obscurred primary textures. Both these samples contain replacement veins and patches dominated by quartz and pyrite, with lesser chalcopyrite and sphalerite. Sample PY-03 contains abundant plagioclase and much fewer mafic phenocrysts in an extremely fine grained groundmass dominated by plagioclase with patches of biotite. Alteration of phenocrysts is patchy to epidote. The rock contains 2-3% disseminated pyrite.

Samples SE-3270, SE-3530, and SE-3880 were identified as medium grained plagioclase epidote and biotite bearing quartz diorite to quartz monzonite intrusive rocks. The latter (SE-3880), a hypabyssal intrusive rock, is primarily comprised of phenocrysts of plagioclase, biotite, apatite, quartz and hornblende in a groundmass dominated by K-Feldspar with lesser quartz, plagioclase and magnetite. Samples SE-3270 and SE-3530, metamorphosed quartz diorites, contain plagioclase and minor mafic phenocrysts (biotite and hornblende) in a groundmass dominated by plagioclase, quartz, and epidote. Mafic phenocrysts have been altered to epidote-chlorite, and plagioclase is partly altered to sericite-epidote. Two samples (SE-3850, SE-3950) were identified as latitic volcanic rocks commonly with plagioclase phenocrysts and less abundant ones of biotite and/or hornblende. Sample SE-3850 is cut by abundant quartz-magnetite (chlorite) veins and disseminated magnetite. SE-3950 is a volcanic breccia/lapilli tuff containing fragments of andesite, cherty latite and hypabyssal latite in a latite groundmass.

3.3 Discussion

Thin section specimens from Pyramid Hill represent variably hornfelsed latitic volcanic rocks composed predominantly of feldspar and biotite with disseminated and stockwork quartz, pyrite and chalcopyrite. The presence of moderately anomalous concentrations of gold in association with pyrite and quartz suggest the presence of a hydrothermal environment with good potential for hosting economic concentrations of gold mineralization. However, gold concentrations were generally quite low and it is interpreted that these samples were collected from weakly altered, fine grained, impermeable volcanic and sedimentary rocks. Better gold values are likely to be found in the porous, skarn-altered volcaniclastic rocks exposed on the north and east flanks of Pyramid Hill.

Rock samples from the Sericite East area represent coarse grained plutonic and hypabyssal intrusive rocks that have intruded and intensely altered a sequence of interbedded volcaniclastics and siltstones. The volcaniclastic sequence is commonly intensely altered to sericite and locally chlorite and epidote. Siltstone in close proximity to intrusive rocks shows pervasive silicification and biotization. Alteration of both the volcaniclastic and sedimentary succession has yielded impressive colour anomalies, however precious metals concentrations are quite low.

4. GEOCHEMISTRY

4.1 Introduction

Soil sampling was both of a reconnaissance and detailed nature. The former was in the form of contour line sampling at 50 metre sample intervals and the latter at 25 metre intervals along grid lines spaced 100 metres apart. The grids were established in two areas in 1987, notably Pyramid Hill and the east flank of Sericite Ridge. A total of 314 and 556 soil samples were collected on the Pyramid Hill and Sericite East grids, respectively. Thirty-three soil samples were collected from contour lines established west of Sericite Ridge, an area now referred to as West Ridge.

Attempts were made to collect B-horizon samples wherever possible however, some areas exhibited poor soil development therefore C-horizon samples were occasionally collected. Soil sampling was not undertaken in areas of glacial morraine cover. 15-30 cm depths

Silt samples were collected from most major tributaries draining the property. A total of 23 samples were collected.

Geochemical data was entered into an IBM compatible computer, stored on 5-1/4" floppy diskettes and processed by a number of software programmes. Soil and silt sample locations and results are plotted on Figures 10-19 and assay certificates are presented in Appendix I.

4.2 Sample Preparation and Analytical Procedure

At Acme Analytical Laboratories soil and silt samples were oven dried at approximately 60° C and sieved to minus 80 mesh. A 0.5 gram sample of the minus 80 fraction was digested in hot, dilute aqua regia in a boiling water bath and then diluted to 10ml with demineralized water. All samples were analyzed for 30 elements utilizing the ICP technique. In addition, gold was analyzed, from a 10 gram fraction, by standard atomic absorption.

4.3 Treatment and Presentation or Results

In assessing the soil geochemical results, graphical statistical methods were used to separate background from anomalous metal concentration. Threshold and anomalous levels were determined at the mean plus two standard deviations ($\bar{x}$ +2s) and the mean plus three standard deviations ($\bar{x}$ +3s), respectively from log probability plots prepared for each element. The soil geochemical results from the Pyramid and Sericite East/West Ridge grids are summarized below in Tables 4.1 and 4.2, respectively.

Sample locations, numbers, and analytical results are shown on Figures 10-19. Results for gold, silver, copper, and zinc have been contoured at threshold ($\bar{x}$ +2s) and anomalous ($\bar{x}$ +3s) levels.

TABLE 4.1

MEAN, THRESHOLD AND ANOMALOUS METAL VALUES
IN 'B' HORIZON SOIL SAMPLES
PYRAMID HILL GRID

METAL	N	MEAN ($\bar{x}$)	THRESHOLD ($\bar{x}$ +2s)	ANOMALOUS ($\bar{x}$+3s)
Au	314	45 ppb	100 ppb	200 ppb
Ag	314	0.5 ppm	1.0 ppm	2.0 ppm
Cu	314	125 ppm	250 ppm	400 ppm
Zn	314	65 ppm	100 ppm	150 ppm

TABLE 4.2

MEAN, THRESHOLD AND ANOMALOUS METAL VALUES
IN 'B' HORIZON SOIL SAMPLES
SERICITE EAST AND WEST RIDGE GRIDS

METAL	N	MEAN ($\bar{x}$)	THRESHOLD ($\bar{x}$ +2s)	ANOMALOUS ($\bar{x}$ +3s)
Au	589	35 ppb	75 ppb	100 ppb
Ag	589	0.5 ppm	1.0 ppm	2.0 ppm
Cu	589	80 ppm	150 ppm	250 ppm
Zn	589	70 ppm	100 ppm	150 ppm

4.4 Discussion of Results

4.4.1 STREAM SEDIMENT GEOCHEMISTRY

Sample locations and results are shown on Figures 18 and 19. Analysis certificates are presented in Appendix I.

Stream sediment results from Sericite East, Pyramid Hill and Khyber Pass indicates the presence of several moderate to highly anomalous precious and base metal values. Gold, silver, copper, lead and zinc all show significant variation among the total population. Highly anomalous values were obtained from tributaries draining the southeast slope of Khyber Pass (Sample 409-829 ppm Cu, 37 ppm Pb, 1,055 ppm Zn, 4.0 ppm Ag, 1,090 ppb Au). In addition, moderate to highly anomalous values were obtained from creeks draining the east side of Pyramid Hill (Sample 212-2,099 ppm Cu, 6 ppm Pb, 1,831 ppm Zn, 1.2 ppm Ag, 260 ppb Au) and the north end of the Sericite East area (Sample 404-159 ppm Cu, 167 ppm Pb, 342 ppm Zn, 1.9 ppm Ag, 150 ppb Au). Soil sampling was undertaken in the Sericite East and Pyramid Hill areas as follow up to anomalous stream sediment sample results.

4.4.2 SOIL GEOCHEMISTRY

4.4.2.1 Pyramid Hill Grid

Anomalous gold, silver, copper and zinc values (Figures 10-13) occur in soil samples collected from a magnetite-pyrite-chalcopyrite bearing pyrometasomatized volcaniclastic sequence. The anomalous zone trends northeasterly from L 9+00 W 0+00 to L4+00W 3+25N. Highly anomalous copper (1,841 ppm) gold (420 ppb) zinc (348 ppm) and silver (2.9 ppm) occur in a magnetite-rich zone within the skarn assemblage. The anomalies are sharply cut off to the west suggesting a probable lithological control to the mineralization. Sinuous demarcation boundaries to the south and east imply that the zone is overlain by a thicker masking soil cover.

A large zone of anomalous copper and silver values occur at the south end of a small grid located north of the main Pyramid Hill Grid. The anomalous zone extends from L2+00W to 4+00E and may very well correspond to the footwall contact region of the southwesterly dipping skarn assemblage.

Numerous sporadic, isolated gold and other element anomalies occur throughout the Pyramid Hill area. The zones correspond to localized quartz-pyrite stockwork systems that occur primarily within a banded siltstone sequence.

4.4.2.2 Sericite East Grid

Soil sampling over the Sericite East grid (Figures 14-17) generally yielded a number of isolated, erratically distributed gold, silver and copper anomalies. In one area however, a group of highly anomalous copper (up to 1552 ppm) and moderately anomalous gold and silver values produced a northeast trending anomalous zone centred at L4+00E 2+00S. As the dominant structural trend throughout the area is 005° to 020° the anomaly may represent a mineralized shear zone in the underlying intrusive.

4.4.2.3 West Ridge Contour Grid

Soil samples collected from the West Ridge area (Figure 18) display a wide range in values within the populations of some elements. Copper (25-152ppm), silver (0.1-7.5ppm) and gold (1 - 190 ppb) display enough variation to clearly define an anomalous population.

In general, soil sampling produced some anomalous values, however most of these were single sample anomalies and widely separated.

CONCLUSIONS AND RECOMMENDATIONS

Geological mapping, rock chip sampling and soil sampling on the Gossan 6, 9-13, and 21 mineral claim group indicate that portions of the property have good potential for hosting gold mineralization and that the property is worthy of additional exploration.

The property is mostly underlain by a variably altered sequence of volcaniclastic and sedimentary rocks probably belonging to the Betty Creek Formation. The volcanosedimentary succession has been intruded by quartz monzonites and hypabyssal intrusive rocks of the Coast Plutonic Complex. The presence of a skarn altered volcaniclastic sequence in the Pyramid Hill area with up to 2,400 ppb Au and 8.51 oz/t Ag is considered to be a good indication of the area's precious metals potential.

Soil geochemical surveys provided an indication of the most suitable elements (Cu, Zn, Ag, Au) to use as pathfinders for gold and silver mineralization. The geochemical surveys located anomalous zones in both the Pyramid Hill and Sericite East areas. The Pyramid Hill grid contained a zone of anomalous copper, zinc, silver and gold in soils proximal to a skarn-altered volcaniclastic sequence. Moderate to highly anomalous copper, silver and gold values produced a north-east trending zone in the Sericite East area.

Future work on the Gossan 6, 9-13 and 21 mineral claim group should include diamond drilling of the skarn altered volcaniclastic sequence on Pyramid Hill and detailed mapping, higher density soil and rock chip sampling and trenching of the northeast trending gold-silver-copper anomalies on the Sericite East grid. The rest of the retained claim block contains low economic potential or is covered by glaciers and/or glacial overburden.

Respectfully Submitted,

B.P. Butterworth, B.Sc.,
Geologist

D.B. Petersen, P. Eng.
Senior Geologist

COST STATEMENT

GOSSAN 6, 9-13, 21 MINERAL CLAIM GROUP

GEOLOGY AND GEOCHEMISTRY

PROJECT PREPARATION

SALARIES AND BENEFITS

B. Butterworth	April 27 - June 11	23.5 days @ $153/day	3,596
D. Odenwald	June 9 - June 12	4 days @ 118/day	472
D. Burgoyne	June 10 - June 12	3 days @ 126/day	378
	Total Project Preparation Costs		4,446
	Total Project Preparation Costs Apportioned		1,259

FIELD COSTS

SALARIES AND BENEFITS

B.P. Butterworth, Project Geologist June 15 - August 27 31.5 days @ 153/day	4,820
R.S. Hewton, Supervisory Geologist June 25, July 13,18, Aug 27 3.5 days @261/day	914
D.B. Petersen, Supervisory Geologist June 25 1 day @ 239/day	239
S. Casselman, Geologist June 15 - August 27 33.5 days @ 130/day	4,355
H. Holm, Supervising Technician June 30 - July 10 6 days @ 171/day	1,026
D. Burgoyne, Field Technician June 35 - Aug 27 25 days @ 106/day	2,650
K. Richmond, Field Technician June 15 - Aug 27 30 days @ 106/day	3,180
T. Watson, Field Technician June 15 - Aug 27 24 days @ 92/day	2,208
D. Odenwald, Field Technician June 15 - July 9 9 days @ 118/day	1,062
S. Avaiki, Field Technician June 22 1 day @ 122/day	122

FOOD AND ACCOMMODATION

10 persons, June 21 - August 27, 1987 164.5 mandays @ $22/manday	3,619

FIELD EQUIPMENT RENTAL

June 21 - August 27 164.5 mandays @ $3.30/manday	543

COST STATEMENT Cont'd

GOSSAN 6, 9-13, 21 MINERAL CLAIM GROUP

GEOLOGY AND GEOCHEMISTRY

FIELD EQUIPMENT PURCHASE AND SUPPLIES	9,819
GEOCHEMICAL ASSAYS AND ANALYSES (INCLUDING FREIGHT)	
304 rock samples for 30 element ICP, Au by AA @ $20/sample	6,080
903 soil samples for 30 element ICP; Au by AA @ $18/sample	16,254
23 stream sediment samples for 30 element ICP; Au by AA @ 18/sample	414
TRANSPORTATION	
Helicopter 30.8 hours @ 588.5/hour	18,126
Fixed Wing	16,531
TRAVEL EXPENSE	1,572
MOB - DEMOB	
Salaries and Benefits	797
Vehicle Rental and Expense	886
Food and Accommodation	148
	=======
Total Field Costs	95,365
REPORTING	
B.P. Butterworth 24 days @ 153/day	3,672
Drafting	
H. Holm 13 days @ 171	2,223
J.T. Winfield	975
Typing 50 hrs @ 20.60/hour	1030
Reproduction	500
	======
Total Reporting Costs	8,400
	======
TOTAL	$105,024

DB Petersen

REFERENCES

Bending, D.A. 1984: 1983 Summary Report of the Snippaker Creek Area, British Columbia. Report for Lonestar Resources Ltd.

Grove, E.W. 1971: Geology and Mineral Deposits of the Stewart Area, British Columbia. B.C. Department of Mines and Petroleum Resources, Bulletin No. 58.

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Kerr, F.A. 1948: Lower Stikine and Western Iskut River Areas, British Columbia, Geology Survey. Can. Memoir 246.

Meyers, R.E. 1986: 1986 Geochemical Sampling and Reconnaissance Mapping on the Gossan 1-4, 7 Claim Group and Gossan 14-17, 23 Claim Group. Assessment Report.

Petersen, D.B., Woodcock, J.R., Gorc, D. 1985: Geological, Trenching and Diamond Drilling Report on the Gossan 11 Claim. British Columbia Ministry of Energy, Mines and Petroleum Resources, Assessment Report.

STATEMENT OF QUALIFICATIONS

I, Brian P. Butterworth, of North Vancouver, British Columbia, hereby certify that:

1. I am a geologist residing at 1008 Wellington Drive, North Vancouver, British Columbia and am employed by Western Canadian Mining Corporation of 1170-1055 West Hastings Street, Vancouver, British Columbia, V6E 2E9.

2. I received a Bachelor of Science degree from the Faculty of Geology of the University of British Columbia, Vancouver, British Columbia (1983).

3. I am the author of this report which is based on field work conducted during June to September, 1987 on behalf of Western Canadian Mining Corp.

4. I have no beneficial interest in Western Canadian Mining Corportation, nor do I expect to receive any.

Western Canadian Mining Corp.

B.P. Butterworth, B.Sc.
Geologist

APPENDIX I

ASSAY AND ANALYSIS CERTIFICATES

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
PYL3+00W 0+25N	53	701	25	207	.6	39	43	2297	8.58	25	5	ND	3	28	1	2	8	76	.35	.165	9	34	1.18	197	.29	2	3.01	.02	.37	11	112
PYL3+00W 0+00	30	705	23	181	.8	43	32	1417	7.30	16	5	ND	3	31	1	2	16	86	.42	.146	8	36	1.60	419	.33	4	3.59	.02	.59	14	128
PYL3+00W 0+50S	14	543	8	83	.1	68	12	309	6.89	2	5	ND	2	111	1	2	9	75	.29	.156	5	164	2.95	672	.28	2	6.23	.03	.49	6	9
PYL3+00W 0+75S	8	55	26	67	.1	5	7	1063	4.45	6	5	ND	1	17	1	2	4	57	.14	.102	10	18	.36	80	.14	2	2.18	.02	.09	1	9
PYL3+00W 1+00S	9	23	9	24	.2	3	2	92	2.51	2	5	ND	1	8	1	2	2	43	.07	.071	5	6	.07	32	.14	2	.49	.02	.04	3	7
PYL3+00W 1+25S	10	24	6	24	.1	1	3	97	3.00	3	5	ND	1	7	1	2	2	51	.05	.051	7	4	.03	27	.13	5	.31	.01	.03	3	8
PYL3+00W 1+50S	9	54	13	34	.7	2	3	48	2.80	6	5	ND	1	18	1	2	2	29	.13	.105	13	12	.02	17	.18	2	.67	.01	.03	3	33
PYL3+00W 1+75S	4	27	5	22	.1	1	3	69	1.94	2	5	ND	1	10	1	2	2	28	.09	.083	4	6	.07	17	.08	7	.50	.02	.03	1	25
PYL3+00W 2+00S	23	44	6	22	.2	2	2	64	2.62	3	5	ND	1	13	1	2	2	35	.08	.087	6	7	.03	57	.08	2	.48	.01	.04	1	32
PYL3+00W 2+25S	10	30	18	55	.2	4	6	1126	5.85	9	5	ND	1	10	1	2	2	35	.09	.087	19	15	.16	27	.14	5	1.78	.05	.08	1	5
PYL3+00W 2+50S	13	32	27	37	.5	7	4	201	5.19	7	5	ND	1	11	1	2	2	72	.07	.077	17	13	.07	26	.25	2	.98	.01	.04	2	6
PYL3+00W 2+75S	9	34	24	71	.3	6	7	1461	5.39	9	5	ND	1	20	1	2	2	49	.14	.133	16	18	.29	58	.14	2	1.82	.04	.11	1	4
PYL3+00W 3+00S	10	48	19	98	.3	9	8	1367	4.53	9	5	ND	1	25	1	2	6	56	.19	.120	11	22	.41	110	.08	2	2.20	.02	.11	3	11
PYL3+00W 3+25S	8	30	11	27	.1	2	3	86	2.36	3	5	ND	1	22	1	3	2	35	.13	.077	6	6	.06	61	.08	2	.42	.02	.04	2	8
STD C/AU-S	18	58	37	131	7.1	66	28	1023	3.83	40	18	8	40	49	18	16	20	55	.47	.086	37	59	.84	176	.09	31	1.88	.06	.13	12	52

SOIL GEOCHEMISTRY
PYRAMID HILL GRID

WESTERN CANADIAN MINING PROJECT-GOSSAN #9102 FILE # 87-3405

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
PYL4+00W 2+25N	23	199	20	79	.5	11	6	332	6.29	6	5	ND	2	52	1	2	2	57	.29	.132	9	32	.72	247	.16	2	3.34	.02	.20	3	28
PYL4+00W 2+00N	18	89	24	101	.6	6	10	1358	7.10	8	5	ND	3	20	1	2	2	63	.15	.088	18	26	.41	106	.22	7	3.09	.03	.13	1	19
PYL4+00W 1+75N	46	477	29	108	2.3	19	9	544	7.39	13	5	ND	3	118	1	2	2	65	.43	.145	12	43	1.28	402	.46	11	3.29	.05	.60	7	188
PYL4+00W 1+50N	32	388	28	146	1.4	28	19	1500	5.81	13	5	ND	2	71	1	2	2	65	.65	.146	9	47	1.21	415	.26	2	2.51	.05	.42	5	86
PYL4+00W 1+25N	15	175	18	69	.5	9	7	407	5.88	4	5	ND	2	26	1	2	2	68	.22	.075	12	38	.87	108	.31	5	3.89	.02	.13	2	98
PYL4+00W 1+00N	22	329	14	111	.6	17	13	687	6.43	6	5	ND	1	51	1	2	2	65	.36	.178	11	33	1.04	303	.27	2	3.51	.02	.36	3	71
PYL4+00W 0+75N	15	374	21	120	.1	27	19	838	5.80	6	5	ND	2	42	1	2	2	71	.42	.140	9	53	1.47	257	.20	2	3.52	.02	.43	7	110
PYL4+00W 0+50N	21	823	23	173	.5	30	27	907	6.59	9	5	ND	4	37	1	2	2	78	.62	.144	17	59	1.63	351	.38	2	3.74	.02	.46	11	94
PYL4+00W 0+25N	43	753	23	340	.5	52	46	1080	11.83	6	5	ND	4	47	1	2	5	73	.30	.130	9	9	1.38	258	.24	2	5.78	.02	.83	8	24
PYL4+00W 0+00	40	470	25	145	1.1	26	36	1470	7.73	7	5	ND	3	29	1	2	2	70	.46	.187	13	40	1.32	149	.32	13	3.21	.03	.32	5	89
PYL4+00W 0+25S	19	307	24	156	.1	18	19	1287	6.69	3	5	ND	6	29	1	2	2	51	.39	.125	21	26	.70	238	.24	2	3.62	.04	.26	3	39
PYL4+00W 0+50S	9	120	20	88	.1	5	7	790	4.55	5	5	ND	1	29	1	2	2	36	.35	.152	16	9	.25	351	.02	2	1.24	.01	.13	1	14
PYL4+00W 0+75S	13	89	11	68	.3	8	8	249	2.82	4	5	ND	1	31	1	2	2	38	.27	.131	6	10	.29	81	.13	10	1.02	.04	.11	1	35
PYL4+00W 1+00S	33	151	20	75	1.0	7	7	597	7.21	11	5	ND	1	24	1	2	2	48	.29	.102	16	26	.47	74	.20	2	3.22	.04	.12	1	36
PYL4+00W 1+25S	14	139	16	66	.1	20	9	509	5.27	6	5	ND	1	26	1	2	2	78	.46	.139	8	57	.66	84	.09	2	2.75	.03	.07	2	23
PYL4+00W 1+50S	53	118	22	66	.4	17	4	413	8.20	9	5	ND	1	52	1	2	2	139	1.58	.627	9	43	1.69	259	.15	26	4.60	.03	.31	1	56
PYL4+00W 1+75S	11	50	19	78	.1	4	4	360	4.94	9	5	ND	1	15	1	2	2	51	.16	.102	16	19	.44	50	.13	2	2.47	.05	.10	1	29
PYL4+00W 2+00S	10	45	26	80	.3	7	9	2484	5.68	8	5	ND	2	31	1	2	2	72	.26	.120	14	18	.48	124	.19	2	2.32	.06	.11	1	10
PYL4+00W 2+25S	15	84	24	56	.3	8	6	573	5.76	2	5	ND	1	27	1	2	2	74	.18	.136	10	25	.59	128	.15	2	2.75	.03	.15	1	9
PYL4+00W 2+50S	8	47	16	34	.2	2	3	206	4.86	2	5	ND	1	18	1	2	2	52	.12	.107	11	9	.32	56	.14	2	3.64	.01	.08	2	12
PYL4+00W 2+75S	19	58	19	75	.3	7	6	735	5.91	5	5	ND	1	13	1	2	2	68	.10	.107	14	22	.55	70	.11	11	3.02	.03	.09	1	14
PYL4+00W 3+00S	7	35	16	30	.1	5	4	149	4.16	4	5	ND	1	17	1	2	2	80	.14	.077	7	9	.15	48	.23	2	.72	.01	.07	2	75
PYL3+00W 3+75N	40	188	36	62	1.0	8	7	216	10.09	16	5	ND	3	62	1	2	2	103	.12	.114	9	40	.64	321	.37	5	2.68	.02	.23	5	43
PYL3+00W 3+50N	31	636	44	165	2.1	46	9	550	6.87	13	5	ND	2	21	1	2	2	167	.14	.093	9	68	2.19	451	.54	2	6.79	.01	1.09	17	56
PYL3+00W 3+25N	15	238	28	79	1.6	20	9	461	4.92	5	5	ND	2	32	1	2	2	82	.19	.067	9	40	1.34	321	.28	2	4.55	.01	.32	5	75
PYL3+00W 3+00N	15	257	18	73	.8	16	9	407	4.37	2	5	ND	2	31	1	2	2	76	.19	.098	11	32	1.02	331	.19	2	4.92	.02	.25	3	26
PYL3+00W 2+75N	18	210	25	76	.4	12	9	669	5.47	8	5	ND	1	35	1	2	3	59	.29	.110	12	27	.79	225	.17	17	3.13	.05	.23	5	64
PYL3+00W 2+50N	22	97	33	72	.5	7	7	479	8.10	7	5	ND	1	26	1	2	2	76	.21	.081	14	27	.29	65	.27	2	2.34	.01	.10	1	30
PYL3+00W 2+25N	21	128	19	55	1.0	6	5	384	7.18	9	5	ND	2	14	1	2	2	42	.12	.095	21	23	.38	76	.17	2	4.28	.02	.08	1	45
PYL3+00W 2+00N	17	93	25	70	.6	7	8	725	6.56	10	5	ND	1	19	1	2	2	65	.14	.095	13	25	.32	80	.19	2	2.48	.02	.08	2	36
PYL3+00W 1+75N	19	106	24	79	.3	11	7	751	6.48	11	5	ND	2	14	1	2	2	55	.11	.084	18	26	.39	73	.19	2	2.70	.02	.09	1	32
PYL3+00W 1+50N	21	193	20	84	.5	16	9	480	5.54	12	5	ND	1	32	1	2	3	60	.31	.103	14	33	.80	138	.23	2	2.89	.05	.17	3	68
PYL3+00W 1+25N	21	153	23	97	.4	16	16	1122	6.11	14	5	ND	1	51	1	2	2	97	.56	.110	8	35	1.22	328	.30	15	2.43	.03	.30	3	59
PYL3+00W 1+00N	23	270	23	147	.3	18	22	1906	6.92	15	5	ND	1	36	1	2	2	67	.37	.110	15	29	.74	194	.22	2	2.56	.03	.24	3	80
PYL3+00W 0+75N	31	528	22	116	.8	22	39	1572	6.49	16	6	ND	1	31	1	2	2	61	.32	.115	15	33	.80	174	.22	2	3.45	.02	7.08	1	69
PYL3+00W 0+50N	38	859	20	135	.5	30	52	2247	4.86	49	5	ND	1	42	1	2	2	70	.17	.001	17	31	.88	172	.01	2	.01	.03	.01	6	117
STD C/AU-S	18	58	41	127	6.9	66	26	1029	3.86	41	19	7	37	48	17	17	21	56	.49	.079	36	57	.86	172	.07	39	1.90	.06	.14	13	52

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
PY L6+00W 1+50N	26	239	31	98	1.8	28	17	1305	6.48	15	5	ND	1	27	1	2	2	62	.65	.207	6	55	1.08	310	.21	2	2.00	.04	.31	2	68
PY L6+00W 1+25N	45	187	24	76	2.2	30	14	1354	5.38	11	5	ND	2	32	1	4	2	52	.59	.133	4	83	.99	249	.25	2	1.41	.04	.45	1	57
PY L6+00W 1+00N	37	399	15	82	1.6	19	4	408	5.69	3	5	ND	1	24	1	2	2	73	.38	.100	9	68	1.23	152	.33	2	3.80	.03	.25	1	91
PY L6+00W 0+75N	57	285	26	79	1.5	13	5	433	6.58	9	5	ND	1	23	1	4	2	74	.24	.113	8	40	.97	126	.17	2	2.60	.02	.17	1	36
PY L6+00W 0+50N	39	135	21	72	1.7	14	3	392	7.85	8	5	ND	2	29	1	5	2	84	.35	.069	9	61	1.23	159	.53	2	3.05	.02	.38	2	61
PY L6+00W 0+25N	118	179	22	137	1.8	11	13	1254	10.21	15	5	ND	1	56	1	3	2	74	.80	.174	6	42	.71	222	.17	2	1.42	.03	.32	2	66
PY L6+00W 0+00N	60	325	21	91	2.9	13	8	668	7.04	8	5	3	2	36	1	5	2	72	.39	.131	8	52	.98	135	.25	2	2.74	.03	.19	2	55
PY L6+00W 0+25S	41	159	25	140	.9	20	11	1200	7.66	16	5	ND	2	101	1	3	2	128	4.52	1.627	14	50	1.21	301	.06	2	2.48	.03	.20	1	94
PY L6+00W 0+50S	25	97	17	65	.7	9	4	425	5.72	3	5	ND	1	31	1	4	2	77	.39	.115	6	38	.79	104	.25	2	2.30	.02	.17	1	34
PY L6+00W 0+75S	18	233	19	87	.6	16	11	708	5.95	2	5	ND	2	62	1	2	2	79	.48	.133	5	32	1.08	162	.33	2	2.94	.10	.34	1	21
PY L6+00W 1+00S	19	107	24	68	.6	10	4	372	5.35	5	5	ND	2	28	1	7	3	76	.25	.115	7	30	.81	86	.16	7	2.36	.03	.13	5	54
PY L6+00W 1+25S	17	144	21	58	.6	9	3	242	6.20	8	5	ND	2	15	1	2	2	72	.19	.098	13	39	.56	47	.18	2	3.47	.02	.08	3	34
PY L6+00W 2+00S	51	124	17	91	.6	17	6	702	11.51	12	5	ND	3	55	1	2	2	121	1.35	.707	6	45	1.62	325	.12	2	2.65	.03	.63	1	71
PY L6+00W 2+25S	59	110	20	108	.7	16	7	898	8.50	8	5	ND	3	91	1	2	2	122	1.63	.629	6	46	1.64	472	.14	2	2.50	.03	.67	1	49
PY L6+00W 2+50S	64	133	19	86	.6	15	6	626	9.10	10	5	ND	2	67	1	2	2	121	1.59	.642	7	44	1.52	381	.14	2	2.84	.03	.51	1	60
PY L6+00W 2+75S	19	86	24	80	1.4	9	4	484	8.03	6	6	ND	4	28	1	2	2	74	.20	.101	14	32	.38	94	.18	3	2.18	.02	.13	1	13
PY L6+00W 3+00S	17	287	9	74	.5	13	8	493	7.93	2	5	ND	3	42	1	2	2	96	.19	.146	8	39	1.63	208	.31	2	4.77	.02	.84	1	22
PY L6+00W 3+25S	17	320	13	67	.5	14	6	417	7.88	2	5	ND	4	62	1	2	2	84	.28	.173	8	33	1.23	201	.30	2	3.41	.03	.52	1	37
PY L6+00W 3+50S	18	387	17	56	.7	13	5	312	8.97	2	5	ND	4	75	1	2	2	78	.35	.196	9	42	1.05	184	.34	2	2.66	.03	.37	1	63
PY L5+00W 3+25N	63	363	63	139	2.9	12	4	299	11.84	19	5	ND	4	116	1	2	2	85	.21	.143	8	48	1.18	107	.35	2	2.79	.06	.86	23	175
PY L5+00W 3+00N	33	106	24	73	1.9	8	4	437	7.19	8	5	ND	1	39	1	3	3	56	.27	.117	10	27	.38	180	.09	2	1.69	.01	.13	1	3
PY L5+00W 2+75N	22	121	20	74	1.8	11	6	417	5.08	5	5	ND	1	51	1	2	6	58	.26	.108	9	30	.58	219	.11	2	2.69	.01	.17	2	4
PY L5+00W 2+50N	27	417	18	95	1.0	24	12	641	6.02	9	5	ND	3	48	1	3	2	57	.31	.125	8	38	1.27	407	.25	2	3.47	.02	.48	3	1
PY L5+00W 2+25N	42	233	29	93	1.3	18	9	715	5.76	12	5	ND	2	48	1	3	2	65	.35	.128	8	42	1.00	249	.22	2	2.33	.04	.29	1	1
PY L5+00W 2+00N	19	146	18	50	.9	10	3	240	3.58	2	6	ND	3	61	2	2	2	49	.19	.099	7	31	.80	217	.17	2	2.06	.02	.36	1	11
PY L5+00W 1+75N	7	54	8	18	.5	4	1	86	1.19	5	5	ND	3	22	1	4	2	18	.07	.035	3	12	.29	80	.06	3	.73	.01	.14	2	725
PY L5+00W 1+25N	14	125	16	46	.4	8	3	207	3.28	2	5	ND	1	47	1	2	2	40	.19	.074	6	28	.66	173	.19	2	1.61	.02	.25	1	1
PY L5+00W 1+00N	17	81	16	93	.6	9	3	449	6.22	5	5	ND	3	24	1	2	4	60	.19	.088	13	40	.64	107	.22	2	3.11	.02	.13	2	7
PY L5+00W 0+75N	36	111	32	160	.7	15	14	1697	6.07	8	5	ND	1	72	1	2	4	64	.61	.191	10	34	.66	482	.08	2	1.49	.02	.33	2	33
PY L5+00W 0+50N	84	279	25	78	1.5	10	5	498	7.25	9	5	ND	1	24	1	2	5	73	.28	.102	7	33	.67	92	.18	2	2.31	.02	.13	3	1
PY L5+00W 0+25N	45	95	23	74	1.3	7	4	463	5.18	6	5	ND	2	30	1	6	5	67	.28	.166	8	20	.32	103	.07	2	1.31	.02	.12	1	1
PY L5+00W 0+00N	17	57	22	143	.9	8	8	1603	6.32	4	5	ND	4	43	1	5	2	57	.34	.135	16	23	.37	201	.10	2	1.91	.03	.14	1	3
PY L5+00W 0+25S	31	93	21	115	1.0	14	9	1027	5.51	4	5	ND	2	30	1	3	3	73	.27	.120	9	44	.81	150	.13	2	2.26	.03	.15	1	26
PY L5+00W 0+50S	76	168	21	117	1.3	13	21	2029	7.59	14	5	ND	2	50	1	3	3	69	.60	.162	6	31	.63	186	.10	5	1.45	.03	.23	4	5
PY L5+00W 0+75S	69	220	22	96	1.0	14	16	1483	8.20	10	5	ND	3	41	1	2	2	77	.60	.178	7	39	.80	136	.19	4	1.97	.04	.14	2	49
PY L5+00W 1+25S	31	55	17	63	.5	11	4	282	5.67	7	5	ND	2	38	1	5	2	93	.65	.406	11	35	.86	127	.13	2	2.18	.05	.19	1	42
STD C/AU-S	19	58	44	132	7.1	68	27	898	3.92	36	14	7	37	49	17	14	21	57	.48	.087	36	65	.88	176	.08	31	1.78	.06	.14	14	52

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	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
PY L8+00W 2+50N	95	414	18	102	1.3	18	9	774	11.76	27	5	ND	3	50	1	5	2	65	.51	.147	10	42	1.38	234	.34	16	2.79	.03	.35	20	310
PY L8+00W 2+00N	99	151	16	84	1.1	32	2	395	7.71	13	5	3	4	26	1	3	2	99	.32	.093	14	102	1.70	168	.69	2	3.64	.03	.23	1	97
PY L8+00W 1+75N	111	341	22	108	.7	21	8	684	13.76	17	5	ND	4	30	1	2	2	71	.21	.129	8	40	1.68	804	.28	2	2.78	.03	.54	8	71
PY L8+00W 1+50N	60	275	38	175	1.8	15	6	717	9.98	20	5	ND	3	17	1	2	6	63	.14	.119	12	35	.63	165	.17	2	3.62	.02	.13	7	340
PY L8+00W 1+25N	91	252	118	136	2.8	16	4	401	9.08	12	5	ND	2	25	1	2	4	117	.31	.190	6	40	1.68	218	.21	2	3.32	.02	.19	5	73
PY L8+00W 1+00N	159	262	32	106	1.4	53	9	1047	7.57	12	5	ND	2	55	1	2	2	444	1.19	.534	8	63	2.10	601	.13	2	3.29	.03	.62	4	68
PY L8+00W 0+75N	57	182	31	51	1.3	13	7	560	11.00	11	5	ND	1	30	1	2	6	91	.26	.205	5	29	.59	292	.06	2	1.78	.01	.30	2	109
PY L8+00W 0+50N	39	84	16	77	.6	16	4	474	5.80	16	5	ND	1	116	1	2	2	77	5.52	1.916	9	36	1.09	332	.03	2	1.91	.03	.15	1	36
PY L8+00W 0+25N	20	109	12	50	.5	9	4	208	4.34	6	5	ND	1	23	1	2	6	80	.25	.249	5	19	.24	192	.01	2	1.07	.01	.10	2	47
PY L7+00W 2+50N	50	277	46	107	3.6	14	6	393	22.56	133	5	2	4	35	1	2	2	60	.28	.309	5	59	.99	185	.25	3	1.14	.03	.41	19	920
PY L7+00W 2+25N	18	331	19	110	1.7	48	10	677	12.75	22	5	ND	2	22	1	2	2	47	.51	.152	5	73	2.07	581	.29	2	2.29	.02	.62	2	310
PY L7+00W 2+00N	59	369	14	90	1.0	85	9	610	4.90	17	5	ND	2	16	1	3	2	55	.44	.081	6	91	1.66	619	.44	2	2.23	.01	.64	1	45
PY L7+00W 1+75N	51	1841	46	348	2.1	101	43	1630	11.46	37	5	ND	3	21	1	2	2	51	1.31	.198	9	77	1.42	510	.33	2	2.41	.01	.50	13	420
PY L7+00W 1+25N	51	210	21	91	1.8	13	6	311	6.55	15	5	ND	1	23	1	3	6	66	.23	.204	5	28	.42	138	.05	2	1.13	.01	.19	4	89
PY L7+00W 1+00N	59	752	19	95	.9	20	19	801	9.87	15	5	ND	2	28	1	2	2	84	.34	.124	7	38	1.00	140	.17	2	2.73	.02	.22	2	86
PY L7+00W 0+75N	78	1025	27	83	2.9	31	28	938	20.59	34	5	ND	3	29	1	2	2	80	.60	.219	6	71	.97	181	.44	2	1.74	.03	.28	3	250
PY L7+00W 0+50N	30	173	24	92	.8	17	7	613	7.36	15	5	ND	1	71	1	2	2	125	2.39	.879	11	41	.97	209	.03	2	2.14	.04	.16	1	68
PY L7+00W 0+25N	20	710	20	87	.5	22	29	1367	13.18	22	5	ND	3	36	1	2	2	82	.82	.133	4	53	.85	75	.25	2	2.12	.01	.06	5	185
PY L7+00W 0+00S	14	315	20	66	.7	10	10	790	13.24	19	5	ND	2	28	1	2	2	66	.51	.154	10	41	.52	67	.18	2	2.30	.03	.08	6	98
PY L7+00W 0+25S	19	140	13	68	.7	10	6	730	10.02	8	5	ND	1	29	1	4	2	72	.32	.142	5	31	.72	155	.12	2	1.79	.02	.11	2	65
PY L7+00W 0+50S	25	371	11	86	1.0	29	8	1048	7.60	11	7	ND	5	11	1	2	2	87	.26	.115	15	62	.94	150	.18	2	4.49	.06	.34	1	42
PY L7+00W 0+75S	21	99	14	68	.8	11	6	645	7.69	13	5	ND	1	39	1	6	3	99	.27	.183	7	39	.90	209	.11	2	2.31	.02	.22	3	51
PY L7+00W 1+00S	37	147	11	76	.9	16	7	607	8.91	9	5	ND	2	67	1	2	2	113	1.50	.622	8	42	1.44	261	.14	2	2.85	.07	.38	1	93
PY L7+00W 1+25S	26	157	21	58	1.0	9	5	553	12.70	12	5	ND	3	29	1	2	2	78	.34	.149	5	31	.84	102	.14	4	1.93	.02	.15	1	138
PY L7+00W 1+50S	15	180	10	72	.6	9	4	414	9.22	10	5	ND	3	19	1	2	4	76	.16	.094	8	34	.85	72	.15	2	4.45	.01	.13	1	76
PY L7+00W 1+75S	27	157	16	78	.8	11	8	968	7.25	7	5	ND	1	23	1	4	6	86	.25	.117	8	39	.90	75	.16	3	2.96	.02	.12	1	62
PY L7+00W 2+00S	28	157	15	81	1.0	10	8	985	7.56	6	5	ND	2	26	1	3	4	79	.27	.135	8	36	.74	97	.14	3	2.90	.02	.10	1	95
PY L7+00W 2+25S	15	78	16	56	.4	6	3	306	8.65	8	5	ND	2	26	1	2	2	71	.20	.081	13	30	.31	86	.18	2	2.22	.01	.10	1	56
PY L7+00W 2+50S	16	686	15	60	1.0	22	21	950	14.19	11	5	ND	4	50	1	2	2	44	.36	.183	7	27	.50	69	.16	4	3.37	.02	.14	6	610
PY L7+00W 2+75S	14	344	18	69	1.5	16	11	763	7.70	6	5	ND	1	36	1	5	7	73	.26	.136	6	39	.92	126	.15	3	2.57	.02	.17	3	71
PY L7+00W 3+00S	3	144	9	58	1.3	4	3	317	5.33	2	5	ND	3	26	1	3	2	95	.16	.079	8	24	1.36	161	.22	2	2.36	.03	.68	1	96
PY L7+00W 3+50S	2	59	11	66	1.2	5	2	249	9.21	2	5	ND	5	84	1	2	2	110	.27	.150	6	37	1.36	160	.24	3	1.53	.10	1.06	1	73
PY L6+00W 2+50N	42	510	13	98	1.3	17	8	468	8.48	16	5	ND	4	83	1	2	2	81	.39	.205	10	37	1.69	335	.27	3	4.16	.06	.67	4	116
PY L6+00W 2+25N	47	762	11	116	1.1	14	8	464	7.65	10	5	ND	5	81	1	2	7	75	.31	.192	9	24	1.80	284	.24	3	4.76	.05	.70	2	65
PY L6+00W 2+00N	35	218	38	107	1.9	28	6	587	6.78	17	7	ND	2	26	1	5	2	64	.36	.106	6	64	.91	230	.29	2	1.93	.02	.15	4	147
PY L6+00W 1+75N	84	585	33	178	2.0	38	14	814	10.10	36	5	2	3	21	1	4	2	58	.33	.127	6	67	1.26	360	.39	4	2.16	.02	.29	10	360
STD C/AU-S	19	57	42	131	7.2	67	27	884	3.90	36	16	7	36	49	16	16	20	56	.48	.087	35	65	.88	174	.08	31	1.79	.06	.13	13	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
PYL9+50W 1+25N	64	165	12	100	.3	11	7	1457	7.20	11	5	ND	1	22	1	4	2	153	.16	.087	4	35	1.51	151	.22	2	3.93	.04	.29	1	69
PYL9+50W 1+00N	103	216	7	73	.4	30	5	656	6.77	13	5	ND	1	20	1	2	3	115	.17	.101	5	60	1.40	114	.23	2	2.92	.03	.24	2	48
PYL9+50W 0+25N	53	255	2	74	.4	11	6	562	7.68	8	5	ND	1	33	1	3	2	122	.22	.108	5	30	1.59	148	.25	2	3.82	.05	.36	1	67
PYL9+50W 0+00	45	181	6	76	.6	10	2	443	5.77	6	5	ND	1	39	1	2	2	163	.24	.082	3	8	2.32	259	.35	2	3.47	.06	1.01	2	64
PYL9+50W 0+25S	15	83	21	68	.2	5	4	631	8.50	10	5	ND	3	12	1	2	2	111	.09	.072	16	27	.65	63	.23	2	3.10	.06	.25	1	49
PYL9+50W 0+50S	17	123	8	74	.3	11	3	432	6.02	7	5	ND	1	31	1	2	2	151	.18	.073	3	23	1.41	121	.22	2	2.69	.04	.27	2	106
PYL9+50W 0+75S	11	119	6	66	.1	15	4	599	7.06	7	5	ND	1	56	1	3	2	166	.22	.076	4	22	2.22	283	.34	2	4.26	.06	.80	2	73
PYL9+00W 3+25N	122	274	8	86	.8	13	5	874	7.64	28	5	ND	3	29	1	5	2	81	.42	.219	12	94	4.03	253	.63	2	3.71	.05	1.79	4	230
PYL9+00W 2+75N	142	190	15	52	.2	12	3	331	12.29	17	5	ND	5	31	1	2	2	100	.18	.207	6	77	1.36	126	.57	20	1.68	.06	.55	4	93
PYL9+00W 1+50N	117	132	15	96	.5	29	2	505	8.02	14	5	ND	3	32	1	2	2	113	.19	.072	6	105	2.67	253	.56	2	3.36	.03	.48	1	133
PYL9+00W 1+25N	19	128	10	86	.2	7	4	646	9.56	6	5	ND	5	63	1	2	2	104	.14	.135	8	14	1.88	285	.25	14	3.65	.06	.94	1	36
PYL9+00W 1+00N	72	68	14	71	.6	7	2	336	5.55	13	5	ND	1	31	1	3	2	106	.18	.153	7	22	.86	97	.18	2	2.50	.02	.22	1	48
PYL9+00W 0+75N	99	338	8	108	.4	42	13	919	9.01	11	5	ND	1	50	1	2	2	234	.56	.240	6	121	2.96	744	.26	2	4.57	.06	1.01	3	76
PYL9+00W 0+50N	48	304	8	78	.6	17	5	613	7.07	16	5	ND	2	71	1	2	8	135	3.31	1.233	11	47	1.75	254	.10	2	3.77	.01	.50	2	46
PYL8+50W 0+00	25	296	20	127	.7	22	16	1401	8.55	13	5	ND	4	72	1	2	2	118	2.12	.958	13	47	1.72	533	.15	2	3.81	.01	.68	2	92
PYL8+50W 0+25S	19	262	10	119	.8	15	12	1358	8.97	24	5	ND	2	39	1	2	6	139	.48	.254	7	35	1.60	244	.17	21	3.74	.04	.38	1	101
PYL8+50W 0+50S	18	164	10	74	.1	12	5	641	7.48	7	5	ND	1	30	1	2	2	109	.16	.107	6	21	1.31	198	.18	2	2.98	.04	.39	2	56
PYL8+50W 0+75S	27	209	8	71	.3	12	6	662	7.80	7	5	ND	1	30	1	2	2	105	.21	.131	5	22	1.25	126	.16	2	2.78	.03	.28	3	63
PYL8+50W 1+00S	13	159	12	91	.3	13	8	787	7.92	16	5	ND	3	22	1	2	3	79	.13	.108	17	25	1.09	158	.18	2	4.43	.04	.35	1	116
PYL8+50W 1+25S	21	218	9	65	.2	15	7	683	7.52	8	5	ND	1	33	1	2	3	95	.25	.142	6	25	1.05	189	.13	7	2.48	.02	.29	1	104
PYL8+50W 1+50S	34	300	12	70	.4	16	10	1133	8.97	11	5	ND	1	34	1	2	2	117	.29	.131	4	28	1.32	200	.16	2	2.41	.03	.41	3	131
PYL8+50W 1+75S	24	489	7	76	.3	57	24	1355	7.62	9	5	ND	2	38	1	3	2	105	.54	.156	9	89	1.65	179	.37	2	2.73	.02	.56	3	75
PYL8+00W 0+00	17	306	23	89	3.5	13	8	1062	12.36	15	5	ND	2	21	1	2	5	96	.22	.114	5	27	1.77	215	.16	2	2.98	.02	.31	3	420
PYL8+00W 0+50S	15	161	13	80	.6	15	5	611	10.12	9	5	ND	2	39	1	2	2	102	.25	.131	6	28	1.55	254	.19	14	2.77	.04	.39	1	77
PYL8+00W 0+75S	19	125	16	69	.6	11	5	760	7.36	10	5	ND	1	30	1	2	2	102	.18	.112	6	24	.82	142	.15	4	2.30	.03	.20	2	98
PYL8+00W 1+00S	16	178	11	72	.7	11	4	445	9.99	9	5	ND	2	27	1	2	2	94	.18	.097	7	23	1.32	156	.18	3	3.10	.03	.26	1	250
PYL8+00W 1+25S	29	162	12	68	.4	10	5	616	7.92	5	5	ND	1	28	1	2	3	99	.21	.118	6	24	.61	118	.14	2	2.66	.02	.11	1	52
PYL8+00W 1+50S	31	211	7	60	.8	15	10	1274	7.86	6	5	ND	1	41	1	2	2	95	.34	.151	6	30	.76	238	.11	2	1.83	.02	.13	2	83
PYL8+00W 1+75S	71	316	12	60	1.1	13	12	1273	7.71	10	5	ND	1	39	1	2	3	106	.38	.165	5	27	.46	160	.08	2	1.34	.01	.17	3	179
PYL8+00W 2+00S	91	410	13	76	3.4	16	11	1372	9.22	9	5	ND	1	27	1	2	9	98	.26	.134	5	32	.55	144	.14	5	2.00	.02	.09	3	73
PYL8+00W 2+25S	46	160	8	52	.7	3	2	549	4.98	8	5	ND	2	26	1	5	3	72	.47	.103	5	64	1.74	141	.56	2	2.39	.02	.98	9	156
STD C/AU-S	20	62	43	133	6.9	73	28	1029	4.14	43	17	8	40	52	20	17	22	61	.51	.094	40	68	.94	180	.09	35	1.79	.06	.13	12	51

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: P1-SOIL P2 TO P3-ROCK AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: AUG 21 1987 DATE REPORT MAILED: Aug 30/87 ASSAYER. D. Toye ..DEAN TOYE, CERTIFIED B.C. ASSAYER

WESTERN CANADIAN PROJECT-GOSSAN #9102 File-#[redacted] 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
PY-L9+50W 4+75N	70	169	24	72	.9	10	4	352	8.83	24	5	ND	4	59	1	2	2	111	.23	.207	12	61	2.23	114	.41	9	2.32	.05	1.19	15	230
PY-L9+50W 4+50N	65	126	21	54	1.0	6	6	273	9.50	31	5	ND	4	47	1	2	5	91	.15	.129	9	33	2.03	165	.40	11	2.00	.06	.81	11	86
PY-L9+50W 3+75N	87	162	23	83	1.2	11	5	366	9.10	22	5	ND	2	64	1	2	2	138	.15	.125	8	71	2.16	161	.57	7	2.38	.08	.98	10	148
PY-L9+50W 3+50N	48	243	19	65	.6	6	6	296	9.00	7	5	ND	3	33	1	2	2	83	.12	.135	7	43	1.60	140	.44	9	1.95	.04	.62	2	61
PY-L9+50W 3+25N	78	203	17	82	.7	11	7	561	9.46	22	5	ND	2	42	1	2	2	97	.19	.156	9	72	2.20	312	.59	14	3.06	.05	.98	1	39
PY-L9+50W 3+00N	126	174	20	67	.9	10	6	406	9.99	11	5	ND	3	53	1	2	2	99	.22	.162	10	66	1.78	271	.54	5	2.50	.05	.73	5	52
PY-L9+50W 2+75N	106	172	22	76	.9	15	7	425	7.99	11	5	ND	2	78	1	2	2	97	.32	.153	10	39	2.02	268	.41	12	2.89	.11	.83	9	49
PY-L9+50W 2+25N	130	105	15	65	.7	16	6	431	7.43	7	5	ND	2	74	1	2	2	93	.33	.139	10	37	1.87	221	.48	3	2.71	.08	.74	2	580
PY-L9+50W 0+50N	91	131	13	77	.4	11	6	608	8.44	12	5	ND	1	39	1	2	2	141	.24	.077	3	28	2.37	312	.39	8	3.71	.06	.97	1	46
PY-L9+00W 3+00N	108	198	22	59	.9	12	7	459	9.60	24	5	ND	2	40	1	6	2	96	.41	.188	8	66	1.35	167	.48	2	2.45	.03	.51	4	75
PY-L9+00W 2+75N	100	160	15	46	.1	11	6	334	9.49	7	5	ND	3	25	1	2	2	96	.16	.160	5	60	1.24	123	.49	2	1.64	.03	.45	2	39
PY-L9+00W 2+50N	101	177	18	58	.5	18	6	362	7.23	11	5	ND	2	54	1	2	2	79	.24	.155	7	52	1.62	243	.40	8	2.23	.07	.64	4	51
PY-L9+00W 2+25N	95	121	12	82	.3	28	5	516	6.61	12	5	ND	2	66	1	2	2	74	.85	.285	13	52	3.55	264	.33	2	3.44	.08	1.37	3	29
PY-L9+00W 2+08N	115	127	11	105	.6	19	4	443	7.81	12	5	ND	3	57	1	2	2	85	.47	.249	12	41	2.57	305	.38	6	3.06	.05	.95	2	93
PY-L9+00W 0+25N	46	146	11	86	.5	32	6	640	6.39	7	5	ND	2	70	1	2	2	146	2.43	.834	16	81	2.26	420	.14	4	3.76	.06	.92	1	21
PY-L8+00W 2+35N	81	606	32	175	2.3	40	15	760	12.26	31	5	ND	2	38	1	2	7	57	.54	.316	10	41	1.44	155	.27	2	1.75	.06	.29	17	305
STD C/AU-S	19	59	43	131	6.7	67	26	1017	3.71	35	19	7	37	46	16	17	18	51	.43	.078	35	55	.82	175	.08	32	1.85	.06	.12	14	52

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	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
PYL11+50W 0+50S	16	94	11	69	1.4	10	3	433	10.54	22	5	ND	4	15	1	3	3	98	.05	.081	13	63	1.01	61	.18	2	4.19	.05	.27	1	240
PYL11+50W 0+75S	21	114	13	57	.4	6	2	336	11.26	20	5	ND	2	19	1	2	2	103	.05	.115	5	49	1.23	73	.19	4	2.93	.03	.24	4	175
PYL11+50W 1+00S	10	64	13	65	.4	11	1	434	10.52	14	5	ND	2	66	1	3	2	123	.03	.116	4	87	2.92	138	.21	2	2.66	.07	.97	3	185
PYL11+50W 1+25S	10	92	8	61	.3	11	2	546	9.74	14	5	ND	2	43	1	2	2	156	.09	.124	4	77	2.43	145	.28	2	3.37	.05	.86	2	94
PYL11+50W 1+50S	22	111	13	61	.7	9	2	496	12.15	33	5	ND	3	133	1	5	3	174	.08	.148	7	68	2.18	132	.28	2	3.75	.12	1.36	6	995
PYL11+50W 1+75S	21	91	15	87	.7	7	3	542	9.16	20	5	ND	2	26	1	2	2	124	.12	.129	12	34	1.43	128	.17	2	3.21	.05	.51	4	131
PYL11+50W 2+00S	16	120	17	71	.6	10	5	575	8.09	12	5	ND	5	30	1	2	2	133	.09	.110	12	31	1.72	327	.26	2	3.23	.05	.70	3	72
PYL11+50W 2+25S	16	111	18	83	.6	13	6	886	8.97	21	5	ND	5	17	1	2	2	110	.08	.108	16	41	1.28	145	.21	2	3.76	.05	.36	3	190
PYL11+50W 2+50S	24	66	7	61	.3	5	1	368	5.60	6	5	ND	2	27	1	2	2	224	.06	.051	3	18	2.90	319	.40	2	3.09	.06	1.07	1	42
PYL11+50W 2+75S	7	124	12	61	.7	7	1	435	8.00	11	5	ND	2	29	1	3	4	225	.10	.073	3	57	3.27	201	.47	2	3.73	.07	1.10	1	185
PYL11+50W 3+00S	4	110	11	56	.4	6	2	369	8.61	13	5	ND	1	32	1	2	3	209	.12	.095	3	36	3.12	153	.36	2	3.45	.07	1.08	1	390
PYL10+50W 2+00N	59	288	6	90	.8	26	2	412	8.31	15	6	ND	2	40	1	3	3	191	.53	.293	10	75	2.95	598	.25	2	4.33	.02	.92	1	175
PYL10+50W 1+75N	69	265	6	82	.4	23	4	436	6.57	10	5	ND	1	38	1	4	8	126	.25	.147	7	49	2.35	204	.21	2	4.96	.04	.51	2	86
PYL10+50W 1+50N	119	122	10	67	.4	21	3	425	7.14	10	5	ND	1	36	1	2	2	119	.14	.110	4	56	1.75	157	.24	2	3.29	.04	.49	2	54
PYL10+50W 1+25N	138	332	2	102	.5	11	3	662	10.36	16	5	ND	1	32	1	4	2	187	.13	.078	2	33	3.38	274	.46	5	5.25	.05	1.52	1	76
PYL10+50W 1+00N	29	141	12	60	1.6	12	2	746	11.21	6	5	ND	3	15	1	6	2	120	.06	.124	3	62	1.79	89	.33	3	2.55	.04	.69	5	255
PYL10+50W 0+75N	28	172	15	64	2.7	9	2	552	12.45	15	5	ND	4	11	1	2	3	113	.03	.112	4	45	1.58	62	.30	2	2.66	.02	.54	7	285
PYL10+50W 0+50N	44	223	12	79	1.4	12	3	520	8.58	16	5	ND	2	19	1	4	2	104	.07	.097	4	33	1.44	67	.22	2	4.01	.03	.38	2	84
PYL10+50W 0+25N	19	102	15	62	1.1	6	2	331	8.12	14	5	ND	1	12	1	3	2	103	.09	.092	4	22	.87	48	.19	2	2.36	.03	.28	1	210
PYL10+50W 0+00	102	90	14	76	1.1	8	2	371	7.48	14	5	ND	1	14	1	3	2	109	.09	.075	5	29	1.23	71	.25	2	4.40	.04	.19	1	175
PYL10+50W 0+25S	21	74	15	91	.2	5	6	824	6.54	16	5	ND	2	15	1	2	2	66	.11	.072	9	19	.81	61	.17	2	4.23	.03	.19	1	32
PYL10+50W 0+50S	55	95	15	89	2.1	9	2	466	8.28	21	5	ND	1	14	1	2	2	116	.10	.088	6	28	1.29	88	.23	2	3.71	.03	.30	2	195
PYL10+50W 0+75S	60	117	16	74	2.0	11	3	386	7.44	19	5	ND	1	13	1	2	2	132	.09	.070	6	55	1.38	57	.22	2	3.76	.03	.11	1	123
PYL10+50W 1+00S	15	59	16	61	.5	5	3	310	10.01	22	5	ND	1	16	1	2	2	118	.07	.092	5	39	.68	41	.18	2	3.28	.02	.09	1	190
PYL10+50W 1+25S	26	150	6	70	.6	13	2	479	5.51	10	5	ND	1	35	1	2	2	142	.19	.120	3	24	2.42	691	.29	21	3.49	.05	.85	1	123
PYL10+50W 1+50S	15	86	14	51	.9	8	6	525	12.80	35	5	ND	3	45	1	4	4	118	.30	.180	6	33	1.31	103	.28	2	2.55	.10	.43	3	325
PYL10+50W 1+75S	14	40	17	62	.6	10	4	398	13.74	39	5	ND	3	76	1	2	5	131	.20	.156	3	66	1.54	176	.26	2	1.83	.13	.83	1	390
PYL10+50W 2+00S	20	86	13	57	.8	10	4	426	11.83	20	6	ND	3	52	1	2	3	129	.61	.364	5	28	1.63	196	.22	2	1.90	.07	.68	2	180
PYL10+50W 2+25S	21	78	13	56	.5	9	3	376	7.46	14	5	ND	1	32	1	2	2	114	.38	.279	4	27	1.13	99	.05	2	2.35	.03	.15	2	78
PYL10+50W 2+50S	1	29	10	69	.3	5	1	466	6.63	12	5	ND	2	41	1	2	2	214	.12	.056	2	22	3.74	393	.47	2	3.08	.09	1.34	1	55
PYL10+50W 2+75S	8	62	24	53	.4	4	2	257	14.70	25	5	ND	5	59	1	2	2	135	.05	.197	4	33	1.53	218	.22	2	1.50	.07	.79	2	225
PYL10+50W 3+00S	4	50	12	56	.3	15	2	345	9.35	23	6	ND	2	32	1	2	2	168	.21	.190	3	84	2.35	87	.23	2	2.20	.06	.48	2	114
PYL9+50W 3+25N	85	282	17	83	1.0	11	6	701	11.12	20	5	ND	4	32	1	5	2	94	.15	.186	14	91	2.29	227	.66	2	2.71	.05	1.02	3	175
PYL9+50W 2+00N	102	127	13	71	.9	15	3	370	9.44	18	5	ND	3	82	1	2	2	100	.24	.159	10	31	2.13	237	.45	2	2.71	.09	.80	3	520
PYL9+50W 1+75N	194	70	11	62	1.1	27	2	390	7.71	14	5	ND	3	66	1	2	5	108	.33	.158	10	61	2.04	277	.74	2	2.78	.05	.94	2	83
PYL9+50W 1+50N	120	73	9	69	.2	10	2	404	7.01	16	5	ND	2	26	1	2	3	144	.12	.072	3	30	2.06	207	.40	2	3.53	.06	.77	2	82
STD C/AU-S	19	61	43	133	7.1	72	29	1023	4.17	40	18	8	40	52	20	15	22	61	.52	.095	40	58	.94	177	.09	36	1.80	.06	.15	13	50

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
PYL15+50W 0+25S	52	191	12	69	.8	7	2	315	8.83	2	5	ND	2	22	1	2	2	187	.06	.081	10	29	2.09	127	.51	2	3.04	.06	.94	2	320
PYL15+50W 0+50S	21	229	15	104	.7	49	6	353	7.73	5	5	ND	2	27	1	2	2	150	.10	.112	6	96	2.14	330	.31	2	2.92	.05	.52	3	99
PYL15+50W 0+75S	26	240	19	105	.6	30	10	511	8.24	5	5	ND	2	60	1	2	2	143	.12	.116	7	51	2.06	282	.29	20	2.99	.09	.74	1	114
PYL15+50W 1+00S	28	416	37	482	1.1	39	23	1193	10.35	4	5	ND	3	103	1	3	2	130	.07	.147	9	35	1.29	155	.21	9	2.52	.09	.61	1	133
PYL15+50W 1+25S	20	210	112	388	.5	38	14	1075	6.62	9	5	ND	1	23	1	2	2	101	.09	.088	7	36	1.12	319	.14	2	2.84	.04	.20	1	66
PYL15+50W 1+50S	32	584	93	790	1.4	107	35	1797	7.77	19	6	ND	2	37	2	2	2	104	.21	.132	11	60	1.83	620	.16	2	4.10	.05	.37	1	168
PYL15+50W 1+75S	16	283	46	501	.4	54	27	1687	6.44	9	5	ND	1	26	1	2	2	90	.15	.107	8	40	1.59	297	.12	3	3.63	.03	.19	1	39
PYL15+50W 2+00S	14	392	35	355	2.4	139	39	866	5.59	11	5	ND	1	22	1	2	2	74	.14	.106	6	110	1.60	395	.16	2	3.67	.03	.23	2	52
PYL14+50W 0+00	69	360	12	79	.8	29	3	444	5.85	2	5	ND	1	25	1	2	2	136	.10	.077	5	78	2.05	163	.28	2	4.08	.03	.57	2	92
PYL14+50W 0+25S	68	214	19	89	.7	21	4	439	6.23	5	5	ND	2	24	1	2	2	104	.11	.078	13	57	1.23	90	.24	2	3.67	.04	.27	3	70
PYL14+50W 0+50S	149	351	10	63	.5	27	3	519	6.87	4	5	ND	2	66	1	2	2	140	.15	.128	5	73	1.74	125	.33	2	4.52	.05	.73	3	101
PYL14+50W 0+75S	97	262	18	72	.8	27	3	577	7.34	2	5	ND	2	32	1	2	2	148	.11	.086	5	93	2.03	151	.38	2	4.12	.04	.79	2	107
PYL14+50W 1+00S	112	360	15	76	.6	26	4	598	6.84	4	5	ND	2	53	1	2	2	148	.15	.110	6	79	2.04	177	.37	2	4.02	.04	.87	3	116
PYL13+50W 0+50S	19	59	27	67	.2	6	2	308	8.77	10	5	ND	4	6	1	2	2	64	.05	.067	21	34	.26	22	.20	2	3.15	.03	.08	2	20
PYL13+50W 0+75S	144	94	18	66	.9	20	2	489	8.65	32	5	ND	3	12	1	2	5	182	.07	.080	7	79	2.31	232	.45	2	3.89	.05	.89	1	100
PYL13+50W 1+00S	22	69	25	70	.3	7	6	745	7.92	5	5	ND	2	7	1	4	3	82	.05	.065	18	48	.34	33	.25	2	3.01	.03	.07	5	23
PYL13+50W 1+25S	33	128	24	92	.3	19	5	470	5.11	10	5	ND	4	17	1	3	2	82	.11	.083	15	45	1.08	108	.23	9	3.12	.06	.23	2	31
PYL13+50W 1+50S	18	194	25	126	.4	26	10	764	5.93	12	5	ND	4	16	1	2	2	74	.22	.106	18	45	.89	116	.18	7	3.74	.04	.26	1	26
PYL13+50W 1+75S	29	94	28	78	.4	12	3	241	5.91	12	5	ND	2	11	1	2	2	94	.08	.055	14	48	.59	42	.27	2	2.97	.04	.09	2	34
PYL13+50W 2+00S	55	163	26	97	.5	17	3	323	6.81	10	5	ND	3	20	1	4	2	102	.09	.092	12	52	1.12	115	.22	2	3.63	.04	.27	2	91
PYL13+50W 2+25S	35	274	18	119	.7	24	9	650	5.24	5	5	ND	3	41	1	2	2	92	.23	.121	10	43	1.33	191	.23	2	3.17	.06	.39	1	50
PYL13+50W 2+50S	31	285	12	77	.5	11	3	488	6.35	8	5	ND	4	55	1	2	2	113	.13	.147	7	30	2.10	138	.27	2	3.31	.05	.84	1	127
PYL12+50W 0+00	13	374	19	62	2.1	6	2	298	8.08	7	5	ND	2	15	1	2	2	73	.05	.073	6	29	1.00	56	.15	15	3.38	.03	.29	3	131
PYL12+50W 0+25S	27	266	17	83	1.7	12	2	434	9.20	3	5	ND	2	16	1	2	2	128	.07	.086	8	57	1.70	76	.25	2	3.27	.04	.40	2	135
PYL12+50W 0+50S	82	217	18	63	1.0	13	2	336	8.34	10	5	ND	1	21	1	2	2	113	.06	.099	5	45	1.40	82	.18	2	2.90	.03	.28	4	118
PYL12+50W 0+75S	91	159	14	57	.5	11	1	439	6.82	6	5	ND	2	44	1	2	2	160	.07	.121	7	63	2.29	202	.35	2	3.26	.05	.99	3	74
PYL12+50W 1+75S	114	229	21	61	.8	11	2	535	8.28	4	5	ND	2	27	1	2	3	279	.12	.148	4	53	2.75	209	.43	2	3.16	.05	1.01	6	325
PYL12+50W 2+00S	39	184	15	43	.2	6	1	501	7.48	5	5	ND	1	20	1	2	2	200	.04	.084	3	38	2.69	78	.38	2	2.95	.04	1.04	5	315
PYL12+50W 2+25S	49	167	13	61	.6	10	3	430	6.26	4	5	ND	2	58	1	2	2	143	.24	.092	5	40	2.74	151	.33	2	3.20	.12	.96	3	94
PYL12+50W 2+50S	49	188	16	63	.8	7	1	388	5.31	5	5	ND	1	32	1	2	3	135	.05	.069	5	35	2.60	116	.23	2	3.18	.04	.78	3	101
PYL12+50W 2+75S	57	215	19	62	.8	10	2	410	7.26	4	5	ND	2	44	1	2	2	142	.06	.107	5	40	2.29	171	.27	2	3.02	.05	.83	2	260
PYL11+50W 1+50N	18	142	13	59	.7	6	2	199	8.51	7	5	ND	2	17	1	7	2	71	.07	.132	7	31	.84	58	.20	11	2.28	.04	.19	2	250
PYL11+50W 1+25N	3	580	10	63	1.0	6	2	375	10.31	2	5	ND	4	40	1	2	2	81	.05	.133	7	18	1.25	95	.24	2	3.20	.04	.76	3	315
PYL11+50W 1+00N	9	283	11	69	.6	8	3	335	6.75	7	5	ND	1	22	1	2	2	69	.11	.121	5	21	.88	65	.16	2	3.06	.03	.32	1	500
PYL11+50W 0+75N	9	378	11	77	.9	13	4	431	7.59	7	5	ND	2	18	1	3	3	71	.12	.122	6	26	.94	65	.16	2	3.60	.03	.28	3	260
PYL11+50W 0+50N	12	132	12	67	.7	6	3	285	5.11	7	5	ND	1	14	1	2	2	76	.08	.106	5	33	.53	50	.12	2	2.48	.02	.14	1	205
PYL11+50W 0+25S	14	92	18	54	.6	5	1	196	8.67	9	5	ND	1	14	1	2	2	130	.04	.075	8	56	.98	50	.16	2	3.17	.03	.15	2	149
STD C/AU-S	19	62	43	132	6.9	72	29	1024	4.13	43	19	8	39	52	19	15	22	61	.51	.094	40	67	.93	180	.09	35	1.78	.06	.13	11	49

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
PNL2+00E 0+50S	31	320	30	109	2.2	19	9	459	7.87	14	5	ND	5	113	1	2	6	83	.42	.177	12	38	1.64	341	.45	2	3.73	.06	.71	23	63
PNL2+00E 0+75S	38	527	21	152	2.0	20	19	840	6.21	11	5	ND	2	43	1	2	2	102	.46	.139	9	34	1.78	404	.40	2	3.82	.03	.59	5	31
PNL3+00E 1+25N	8	402	23	147	.7	5	18	1125	8.06	18	5	ND	4	40	1	2	2	125	.61	.180	8	3	2.32	471	.40	24	4.03	.02	.98	14	6
PNL3+00E 1+00N	15	310	35	188	.7	9	21	1242	7.41	9	15	ND	6	20	1	2	2	126	.22	.077	24	19	1.53	142	.34	7	4.80	.04	.39	11	28
PNL3+00E 0+75N	24	141	32	98	1.1	6	10	1159	6.74	15	6	ND	2	16	1	2	2	86	.10	.100	16	19	.67	55	.19	9	3.54	.03	.11	5	24
PNL3+00E 0+50N	26	141	37	111	2.2	8	16	1551	8.20	11	11	ND	4	24	1	2	2	84	.14	.104	23	24	.48	112	.25	2	3.43	.03	.13	3	20
PNL3+00E 0+25N	29	173	33	118	1.2	10	10	850	6.93	13	5	ND	1	30	1	2	2	116	.17	.104	10	27	.83	122	.28	2	2.92	.02	.11	10	10
PNL3+00E 0+00	26	296	37	169	2.4	14	13	808	6.56	12	5	ND	3	39	1	2	2	107	.25	.111	10	34	1.12	197	.27	2	3.57	.03	.23	7	30
PNL3+00E 0+25S	22	142	30	89	.8	8	14	1120	6.26	11	5	ND	2	44	1	2	2	117	.27	.095	8	19	1.02	190	.29	2	2.74	.04	.28	4	12
PNL3+00E 0+50S	20	366	12	155	1.1	11	15	872	7.16	2	5	ND	3	63	1	5	2	119	.32	.110	13	14	1.84	390	.35	2	5.06	.02	.65	7	62
PNL3+00E 0+75S	94	1008	25	52	2.2	6	19	818	16.34	24	5	ND	2	28	1	2	2	48	.52	.228	6	11	.23	45	.08	3	1.35	.01	.09	125	23
PNL4+00E 1+75N	21	603	33	357	1.3	15	34	1766	8.68	3	5	ND	4	24	1	2	2	185	.30	.117	11	16	2.30	126	.30	2	4.88	.04	.36	26	18
PNL4+00E 1+50N	20	270	32	128	.9	10	14	867	6.57	19	6	ND	3	29	1	2	2	110	.26	.079	12	17	1.38	122	.32	6	3.37	.05	.27	11	2
PNL4+00E 1+25N	20	170	29	104	.9	6	11	785	6.30	7	5	ND	2	20	1	2	2	129	.14	.093	8	17	1.14	70	.19	3	3.64	.02	.10	11	14
PNL4+00E 1+00N	14	144	39	81	1.1	7	8	365	6.62	6	5	ND	1	20	1	2	2	118	.14	.127	10	17	.81	83	.21	2	3.24	.02	.19	8	8
PNL4+00E 0+75N	36	109	50	73	2.3	5	8	523	8.62	15	5	ND	3	26	1	2	2	129	.17	.089	20	18	.32	52	.40	6	1.81	.02	.07	8	19
PNL4+00E 0+50N	17	301	31	166	.9	8	13	481	7.10	10	9	ND	3	24	1	2	2	133	.16	.082	13	16	1.31	164	.29	2	4.20	.03	.27	12	17
PNL4+00E 0+25N	23	587	38	113	1.2	10	32	1349	7.80	2	5	ND	3	28	1	2	3	162	.26	.088	6	12	2.22	358	.41	5	4.10	.03	.86	30	18
PNL4+00E 0+00BL	23	399	17	103	1.0	14	16	738	6.55	9	5	ND	2	46	1	2	2	121	.30	.079	5	22	1.59	179	.29	17	3.47	.03	.48	12	22
PNL4+00E 0+25S	15	313	18	118	.4	11	15	817	5.34	5	5	ND	1	36	1	2	2	129	.34	.124	6	17	1.76	301	.33	2	2.91	.04	.62	17	3
PNL4+00E 0+50S	26	192	17	71	.1	13	9	478	5.03	7	5	ND	1	31	1	2	2	77	.23	.212	5	24	.50	84	.18	2	1.41	.02	.16	35	13
PNL4+00E 0+75S	28	287	24	85	.9	11	8	330	5.45	7	5	ND	1	32	1	2	2	97	.18	.125	6	20	.83	148	.20	2	3.16	.02	.25	14	13
PYL5+00W 1+50S	15	79	20	90	.4	10	7	505	5.55	12	5	ND	1	31	1	2	2	76	.22	.138	11	23	.56	143	.08	2	2.04	.02	.18	1	61
PYL5+00W 1+75S	39	59	26	62	.9	9	5	315	7.36	7	5	ND	2	37	1	2	2	98	.20	.183	12	29	.69	170	.10	2	2.68	.02	.14	1	13
PYL5+00W 2+00S	26	54	25	78	.4	9	6	754	5.63	8	5	ND	2	37	1	2	2	102	.34	.316	13	28	.79	209	.14	8	2.20	.04	.22	1	32
PYL5+00W 2+25S	56	95	16	86	.7	14	7	628	8.28	14	5	ND	2	72	1	2	2	134	1.13	.491	9	40	1.55	314	.10	2	3.51	.03	.30	2	38
PYL5+00W 2+50S	45	92	9	84	.8	17	7	653	8.21	11	5	ND	2	63	1	2	2	129	1.07	.516	10	41	1.28	309	.09	2	3.49	.02	.31	1	46
PYL5+00W 2+75S	34	90	12	84	.5	7	8	680	6.88	7	5	ND	1	40	1	2	2	95	.53	.254	10	27	.93	166	.09	2	2.96	.03	.18	3	36
PYL5+00W 3+00S	51	124	16	104	.6	16	7	553	7.66	12	5	ND	2	61	1	2	2	119	1.28	.554	9	35	1.54	350	.09	11	3.49	.03	.30	2	44
PYL4+00W 4+00N	33	147	23	60	1.3	9	5	170	5.39	17	5	ND	2	50	1	2	12	98	.10	.171	6	24	.69	532	.09	2	2.15	.02	.23	4	32
PYL4+00W 3+75N	74	236	25	58	2.4	8	6	318	9.55	32	5	ND	4	159	1	3	3	69	.38	.169	12	38	.94	284	.44	6	2.68	.06	.59	16	265
PYL4+00W 3+50N	37	429	36	108	2.1	21	7	412	7.04	16	5	ND	2	56	1	3	8	88	.30	.102	8	29	1.02	383	.22	6	4.70	.02	.37	7	88
PYL4+00W 3+25N	83	922	61	168	1.9	45	15	488	10.70	12	5	ND	4	62	1	3	9	117	.21	.156	10	42	1.37	413	.32	4	5.89	.04	.63	21	84
PYL4+00W 3+00N	12	655	9	109	.1	20	19	797	4.06	2	5	ND	2	74	1	4	2	38	.41	.087	7	5	1.14	235	.18	7	5.26	.01	.34	11	11
PYL4+00W 2+75N	15	276	21	99	.2	21	18	905	4.19	6	5	ND	3	31	1	2	2	60	.30	.103	9	22	.83	238	.19	2	3.39	.04	.25	3	42
PYL4+00W 2+50N	18	92	27	81	.7	10	7	978	6.19	9	5	ND	2	31	1	2	2	51	.21	.118	15	21	.38	128	.14	3	2.91	.03	.10	3	25
STD C/AU-S	19	63	44	131	7.5	70	27	1020	3.82	41	18	7	37	50	17	15	18	56	.47	.085	37	57	.85	178	.07	36	1.91	.06	.15	12	50

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: P1-4 SOIL P5-6 ROCK AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: AUG 18 1987 DATE REPORT MAILED: Aug 28/87 ASSAYER D. Toye...DEAN TOYE, CERTIFIED B.C. ASSAYER

WESTERN CANADIAN MINING PROJECT-GOSSAN #9102 File [redacted] 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
PNL2+00W 1+00S	52	198	17	85	1.0	13	5	349	8.27	17	5	ND	3	96	1	2	2	100	.22	.137	18	53	1.50	342	.42	7	4.12	.04	.67	7	158
PNL2+00W 1+25S	38	236	12	88	1.4	34	6	295	7.17	15	5	ND	1	104	1	2	2	123	.24	.135	8	138	1.74	360	.33	3	4.47	.04	.75	6	187
PNL2+00W 1+50S	32	140	6	46	.5	9	2	329	5.73	9	5	ND	2	36	1	2	2	85	.44	.119	10	47	2.00	283	.71	7	2.50	.05	1.07	5	80
PNL2+00W 1+75S	14	366	77	166	.3	38	13	1007	7.30	8	5	ND	2	47	1	2	2	151	1.19	.239	7	162	3.29	327	.61	2	4.31	.03	1.43	1	18
PNL2+00W 2+00S	30	191	30	73	1.3	6	3	287	7.01	36	5	ND	4	44	1	2	2	96	.08	.103	10	31	1.68	307	.54	2	2.68	.04	.92	6	110
PNL2+00W 2+25S	23	135	20	66	1.9	5	3	261	7.50	45	5	ND	3	63	1	2	9	94	.06	.106	9	29	1.70	95	.57	2	2.02	.06	1.12	10	152
PNL1+00W 0+75S	30	270	22	74	1.3	13	7	423	8.83	14	5	ND	4	69	1	2	2	80	.19	.127	19	50	1.15	352	.44	5	4.02	.05	.58	5	114
PNL1+00W 1+00S	31	379	9	80	1.0	15	7	329	7.09	9	5	ND	2	60	1	2	2	82	.33	.140	11	52	1.63	273	.36	3	4.30	.03	.59	4	90
PNL1+00W 1+25S	21	203	12	104	.7	15	8	496	6.27	7	5	ND	1	68	1	2	2	88	.49	.119	11	64	2.07	379	.50	9	3.85	.06	.84	9	76
PNL1+00W 1+50S	24	329	12	101	1.8	19	10	517	6.73	8	5	ND	1	61	1	2	2	102	.37	.138	12	71	2.08	357	.36	2	4.46	.06	.76	7	155
PNL1+00W 1+75S	29	208	16	73	1.2	12	4	495	6.92	17	5	ND	3	50	1	2	2	108	.43	.152	9	61	2.11	351	.70	2	3.03	.04	1.13	16	210
PNL1+00W 2+10S	15	116	2	76	.1	11	3	608	7.62	9	5	ND	2	32	1	2	3	107	.39	.142	6	91	2.70	339	.92	7	3.54	.03	1.78	12	172
PNL0+00 0+00	97	509	8	62	1.8	9	5	858	8.00	3	5	ND	3	48	1	2	2	107	.93	.277	15	70	2.93	357	.86	5	4.72	.04	1.55	14	101
PNL0+00 0+25S	43	377	23	109	.5	13	7	410	8.21	10	5	ND	3	25	1	2	2	96	.37	.118	17	50	2.17	206	.52	9	4.36	.04	.52	12	88
PNL0+00 0+50S	44	208	12	45	.6	7	4	348	6.80	8	5	ND	1	102	1	2	2	54	.50	.180	8	39	1.22	214	.39	4	3.20	.04	.59	8	97
PNL0+00 0+75S	33	207	5	62	.5	12	5	506	6.65	2	5	ND	2	45	1	2	2	90	.53	.121	9	54	2.41	331	.62	8	4.25	.04	1.09	9	62
PNL0+00 1+00S	35	262	10	75	1.2	14	9	506	7.11	10	5	ND	2	62	1	2	2	95	.56	.143	10	51	2.28	454	.46	8	3.93	.04	.92	6	64
PNL0+00 1+25S	36	343	16	140	1.4	20	19	1024	7.94	7	5	ND	1	58	1	2	2	88	.44	.185	9	45	1.80	276	.21	7	4.02	.04	.57	3	78
PNL0+00 1+50S	32	375	15	112	1.1	21	11	637	7.30	23	5	ND	1	61	1	2	4	81	.28	.154	10	49	1.45	281	.18	6	4.09	.02	.50	5	62
PNL0+00 1+75S	18	1246	18	175	1.0	35	21	472	6.06	2	5	ND	2	96	1	2	2	109	.29	.129	15	66	2.54	286	.44	4	5.94	.06	.81	4	30
PNL0+00 2+00S	20	526	65	145	2.9	32	23	1084	8.31	14	5	ND	3	73	1	2	2	93	.37	.167	11	71	1.79	248	.66	3	3.76	.04	.91	14	84
PNL0+00 2+25S	16	172	9	71	1.7	14	9	871	8.48	20	5	ND	2	44	1	2	6	90	.38	.128	7	58	1.80	353	.59	4	2.53	.05	.83	18	280
PNL1+00E 0+25N	39	245	21	66	.9	12	6	347	7.76	14	5	ND	4	133	1	2	2	79	.28	.189	13	39	1.29	249	.47	4	2.89	.04	.72	10	151
PNL1+00E 0+00BL	14	259	13	80	.5	8	9	645	6.99	6	5	ND	3	35	1	2	2	72	.38	.126	16	38	1.96	358	.49	5	4.14	.03	.85	7	50
PNL1+00E 0+25S	28	111	23	86	.6	6	8	1055	7.68	13	5	ND	2	24	1	2	2	82	.15	.100	13	35	.69	122	.32	3	2.77	.03	.22	4	35
PNL1+00E 0+50S	33	142	28	44	1.0	6	5	245	7.71	20	5	ND	1	25	1	4	2	91	.13	.072	9	37	.46	75	.41	6	2.31	.02	.11	8	104
PNL1+00E 0+75S	33	362	16	121	.6	16	5	378	6.74	2	5	ND	2	66	1	2	2	89	.24	.152	10	46	2.28	390	.35	6	4.52	.03	.86	7	63
PNL1+00E 0+95S	38	741	13	314	4.3	37	14	943	9.41	11	5	ND	4	54	2	2	2	128	.25	.180	14	104	3.44	573	.56	5	7.28	.02	1.03	10	70
PNL1+00E 1+25S	16	431	18	168	.9	20	10	600	6.58	5	5	ND	1	66	1	2	10	84	.32	.138	9	48	1.64	279	.27	8	4.17	.02	.64	6	43
PNL1+00E 1+50S	41	534	24	143	2.4	18	12	622	8.32	23	5	ND	5	64	1	2	11	99	.28	.168	11	58	1.98	382	.53	9	4.19	.05	1.05	13	110
PNL2+00E 0+90N	24	324	48	216	1.2	11	9	568	7.17	10	5	ND	4	19	1	2	2	102	.17	.075	16	28	1.32	138	.33	7	4.57	.03	.29	9	39
PNL2+00E 0+75N	33	261	47	135	.7	11	6	305	6.80	14	5	ND	2	23	1	2	9	95	.20	.075	9	38	1.05	81	.29	2	3.71	.02	.18	12	42
PNL2+00E 0+50N	27	141	35	92	1.3	7	6	528	6.46	11	5	ND	3	16	1	2	2	67	.10	.088	17	27	.49	65	.22	2	3.21	.03	.12	7	17
PNL2+00E 0+25N	32	176	31	140	.7	13	7	384	6.56	11	5	ND	2	24	1	2	3	92	.17	.066	9	41	1.12	112	.29	8	3.27	.02	.22	8	35
PNL2+00E 0+00	31	214	26	104	1.4	14	10	514	6.76	10	5	ND	1	28	1	2	2	85	.17	.067	10	43	.95	130	.35	5	3.15	.02	.19	11	71
PNL2+00E 0+25S	14	245	6	71	.2	12	5	377	5.35	7	5	ND	3	36	1	2	2	72	.47	.120	12	48	1.56	262	.53	2	3.28	.02	.56	7	26
STD C/AU-S	18	60	40	131	7.5	70	27	1028	3.98	37	16	8	38	49	17	17	20	58	.48	.085	38	59	.87	175	.07	37	1.96	.06	.15	12	52

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: P1-4 SOILS P5-ROCK   AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JULY 23 1987   DATE REPORT MAILED: July 30/87   ASSAYER. D. Toye. DEAN TOYE, CERTIFIED B.C. ASSAYER

WESTERN CANADIAN PROJECT-GOSSAN#9102   File #[redacted]   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
SE-L1+00E 5+00N	9	113	72	86	1.4	4	9	1141	5.33	27	5	ND	7	68	1	3	2	30	.05	.071	13	8	.42	261	.15	7	1.69	.02	.10	1	78
SE-L1+00E 4+75N	6	537	51	51	9.8	1	2	47	12.76	2	5	ND	4	20	1	2	2	54	.06	.040	7	4	.08	10	.33	10	.75	.02	.02	1	7
SE-L1+00E 4+50N	10	43	64	68	1.2	1	1	259	3.69	15	5	ND	2	63	1	2	2	21	.04	.106	12	3	.27	178	.07	4	.87	.02	.05	1	62
SE-L1+00E 4+00N	1	3052	19	92	.6	1	3	23	39.62	14	5	ND	3	12	3	2	12	15	.05	.068	3	1	.06	6	.03	2	1.10	.01	.01	1	1
SE-L1+00E 3+75N	9	258	11	57	.6	1	2	180	9.56	12	7	ND	4	21	1	2	2	26	.11	.057	17	8	.06	10	.13	10	2.09	.03	.05	1	1
SE-L1+00E 3+50N	5	18	50	30	.4	3	2	65	4.90	10	5	ND	5	49	1	2	2	61	.04	.031	13	8	.12	55	.24	5	1.54	.02	.04	1	28
SE-L1+00E 2+00N	5	20	133	50	.5	3	2	212	2.25	12	5	ND	3	93	1	4	5	23	.12	.073	15	8	.39	265	.10	3	1.04	.05	.06	1	52
SE-L1+00E 1+75N	11	13	31	60	.9	2	2	368	9.03	19	5	ND	7	16	1	2	3	38	.06	.066	15	9	.09	34	.20	10	1.52	.05	.06	1	7
SE-L1+00E 1+50N	6	31	110	75	1.0	1	2	383	4.54	34	5	ND	6	182	1	3	4	22	.14	.709	14	4	.59	360	.06	4	1.42	.02	.11	1	93
SE-L1+00E 1+25N	1	1933	29	100	1.0	1	3	67	35.74	14	5	ND	4	17	3	2	11	29	.01	.066	4	1	.09	34	.09	2	1.23	.01	.03	1	9
SE-L1+00E 1+00N	8	87	36	110	.9	2	3	589	3.86	16	8	ND	6	176	1	2	2	31	.08	.085	29	4	.68	795	.10	6	1.83	.02	.19	1	163
SE-L1+00E 0+50N	6	23	26	70	1.5	2	1	248	3.70	16	9	ND	4	171	1	2	2	23	.05	.085	23	12	.18	129	.11	5	4.30	.04	.05	1	31
SE-L1+00E 0+25N	9	12	37	44	.6	3	2	352	5.78	14	5	ND	3	46	1	2	5	53	.06	.057	13	10	.12	36	.23	8	1.56	.02	.05	2	15
SE-L1+00E 0+00N	7	10	59	40	.7	1	2	462	4.63	12	5	ND	1	101	1	2	2	48	.05	.064	12	4	.08	48	.15	5	1.13	.01	.04	1	48
SE-L1+00E 6+50S	5	67	27	91	.5	1	2	270	3.87	13	5	ND	2	223	1	2	2	21	.03	.115	10	3	.37	125	.04	4	.88	.01	.07	1	6
STD C/AU-S	18	57	36	125	6.9	65	26	844	3.54	37	18	8	35	46	17	18	22	59	.44	.081	35	50	.79	170	.07	38	1.78	.05	.13	14	47
SE-L1+00E 6+75S	6	58	21	85	1.0	4	5	543	5.79	17	5	ND	3	39	1	2	2	45	.10	.068	14	10	.40	79	.12	7	2.55	.03	.08	1	8
SE-L1+00E 7+00S	4	35	22	71	.5	3	4	406	5.10	12	5	ND	2	85	1	3	2	76	.12	.058	7	11	.38	106	.26	7	1.60	.02	.08	1	2
SE-L1+00E 7+25S	10	44	23	86	.6	2	2	398	7.46	19	5	ND	10	21	1	2	2	21	.06	.173	19	9	.17	61	.14	9	2.53	.07	.08	1	30
SE-L1+00E 7+50S	9	46	36	54	1.0	3	3	329	4.22	18	5	2	7	329	1	3	2	39	.17	.169	12	4	.49	422	.31	5	1.38	.05	.13	1	74
SE-L1+00E 7+75S	7	22	30	56	.6	3	2	181	5.73	15	5	ND	2	63	1	2	2	76	.07	.126	12	10	.20	104	.23	6	1.64	.02	.07	1	10
SE-L1+00E 8+00S	6	17	30	62	.5	3	3	246	2.81	9	8	ND	3	62	1	2	2	76	.10	.088	13	10	.23	124	.26	4	1.07	.03	.08	1	31
SE-L1+00E 8+25S	8	60	26	65	1.0	3	3	272	8.36	14	7	ND	4	57	1	2	2	90	.08	.098	11	11	.24	79	.32	8	1.17	.03	.07	1	13
SE-L1+00E 8+50S	10	46	24	74	.7	3	3	172	7.12	15	5	ND	3	47	1	2	2	82	.09	.088	16	7	.18	79	.30	9	1.30	.03	.06	1	21
SE-L1+00E 8+75S	9	123	28	146	1.9	14	9	337	8.62	11	5	ND	6	67	1	4	2	111	.12	.318	29	33	.56	364	.37	17	1.36	.03	.11	1	13
SE-L1+00E 9+00S	8	97	91	65	.6	7	5	199	5.60	12	5	ND	2	44	1	2	3	51	.21	.165	10	9	.30	167	.18	7	.73	.05	.09	1	36
SE-L1+00E 9+25S	13	280	85	112	1.0	13	23	1141	12.30	3	5	ND	9	30	1	2	2	35	.24	.257	6	7	.69	182	.15	9	1.58	.04	.06	1	104
SE-L1+00E 9+50S	4	141	34	103	.5	9	8	955	7.39	19	5	ND	3	45	1	2	5	57	.07	.099	18	19	.64	173	.18	8	2.45	.02	.05	1	34
SE-L1+00E 9+75S	4	43	17	122	.3	14	18	2847	5.10	13	5	ND	2	42	1	2	2	54	.29	.114	6	19	.97	79	.16	7	1.71	.08	.11	1	8
SE-L1+00E 10+00S	6	38	26	97	.6	10	7	930	4.62	11	5	ND	1	56	1	2	2	45	.24	.151	11	9	.56	169	.08	7	1.66	.03	.11	2	28
SE-L2+00E 5+00N	9	12	30	57	.4	2	1	475	6.89	16	5	ND	10	5	1	2	4	11	.04	.034	20	11	.05	12	.12	9	3.47	.06	.05	4	8
SE-L2+00E 4+75N	7	26	56	72	.5	5	4	510	3.96	12	5	ND	4	92	1	2	3	36	.18	.090	17	8	.49	224	.18	6	1.93	.07	.10	2	290
SE-L2+00E 4+50N	5	29	66	71	.8	2	1	347	2.42	15	5	ND	3	129	1	2	2	24	.07	.059	11	7	.45	301	.09	3	1.07	.02	.10	1	110
SE-L2+00E 4+25N	6	13	21	50	.5	2	1	185	5.65	8	8	ND	5	10	1	2	3	27	.03	.037	21	13	.07	17	.17	7	3.29	.03	.05	1	18
SE-L2+00E 4+00N	6	11	30	53	.4	2	3	499	5.02	9	6	ND	8	8	1	2	4	17	.07	.044	21	5	.10	11	.14	6	3.83	.06	.05	2	5
SE-L2+00E 3+75N	6	17	22	60	.8	2	1	175	6.09	10	5	ND	5	11	1	2	2	32	.03	.043	26	15	.08	14	.18	8	3.22	.04	.05	1	1
SE-L2+00E 3+50N	6	89	74	67	1.0	2	2	395	3.14	16	7	ND	5	194	1	4	2	28	.06	.071	9	6	.48	389	.12	4	.99	.02	.14	1	90

SERICITE EAST GRID

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
SE-L2+00E 3+25N	8	15	21	57	.8	1	1	232	7.52	11	5	ND	13	9	1	2	2	19	.03	.040	23	11	.08	18	.16	6	3.92	.06	.06	1	1
SE-L2+00E 3+00N	6	16	44	40	.1	3	1	168	6.93	7	5	ND	8	63	1	2	2	45	.04	.039	21	13	.09	29	.25	5	2.53	.02	.04	1	16
SE-L2+00E 2+75N	7	32	47	77	.1	4	3	388	4.46	11	5	ND	10	141	1	2	2	31	.15	.065	20	8	.50	265	.19	4	2.25	.06	.10	1	44
SE-L2+00E 0+00S	4	15	22	40	1.0	2	1	85	5.95	6	5	ND	4	24	1	2	2	34	.05	.050	17	10	.06	24	.16	4	2.43	.03	.04	1	9
SE-L2+00E 0+25S	7	18	48	59	.4	3	2	226	6.66	15	5	ND	2	179	1	2	2	53	.07	.069	16	12	.22	86	.20	5	1.76	.02	.05	2	53
SE-L2+00E 0+75S	6	82	38	96	.4	4	3	436	6.56	7	5	ND	2	77	1	2	2	48	.11	.104	13	13	.60	434	.08	4	2.47	.02	.10	1	43
SE-L2+00E 1+00S	7	17	20	80	.3	4	4	1035	5.70	10	5	ND	3	34	1	2	2	27	.15	.076	21	8	.19	48	.13	5	2.30	.06	.07	1	1
SE-L2+00E 1+25S	4	82	23	111	.6	3	7	755	3.60	6	5	ND	1	130	1	2	2	47	.11	.074	8	9	.64	67	.20	3	1.42	.04	.07	1	17
SE-L2+00E 1+50S	7	86	31	92	.3	4	3	456	5.34	14	5	ND	7	86	1	2	2	38	.09	.100	19	10	.56	238	.15	4	2.76	.02	.09	1	108
SE-L2+00E 2+00S	11	72	59	65	.9	2	2	241	7.22	19	5	ND	5	65	1	2	2	89	.06	.149	12	8	.28	132	.22	6	1.70	.01	.06	1	96
SE-L2+00E 2+25S	18	72	80	71	.5	3	2	303	8.47	12	5	ND	4	123	1	2	2	86	.07	.231	13	8	.24	98	.15	5	1.57	.02	.04	1	79
SE-L2+00E 2+50S	138	155	48	143	6.0	5	6	1104	5.99	9	5	ND	2	158	1	2	2	48	.30	.213	18	5	.94	315	.13	4	1.72	.08	.12	1	260
SE-L2+00E 2+75S	7	611	41	260	2.2	8	7	1113	7.88	31	5	ND	4	116	1	5	2	77	.15	.232	9	12	1.58	996	.33	5	2.51	.03	.17	2	125
SE-L2+00E 3+50S	8	252	21	134	.1	4	17	3870	7.15	2	5	ND	2	30	1	2	2	41	.13	.133	6	9	.45	116	.15	5	1.55	.04	.09	1	42
SE-L2+00E 3+75S	7	64	35	75	.1	5	5	514	5.50	16	5	ND	2	40	1	2	2	104	.18	.161	7	9	.70	75	.43	8	1.10	.05	.06	2	30
SE-L2+00E 4+00S	9	15	31	29	.1	1	1	155	1.27	6	5	ND	1	23	1	2	5	59	.09	.052	6	3	.22	44	.34	2	.87	.02	.04	1	19
SE-L2+00E 4+50S	5	47	35	81	1.2	4	3	414	5.01	8	5	ND	2	55	1	2	2	57	.10	.081	12	12	.50	147	.15	3	2.24	.01	.08	1	9
SE-L2+00E 4+75S	4	36	31	101	.1	5	3	779	3.85	10	5	ND	1	65	1	2	2	41	.18	.129	9	9	.60	178	.11	4	1.47	.02	.10	1	27
SE-L2+00E 5+00S	8	45	34	67	.1	4	3	295	8.28	17	5	ND	3	53	1	2	2	77	.07	.151	11	13	.37	202	.25	6	1.70	.02	.07	1	6
SE-L2+00E 5+50S	7	63	35	65	.1	4	4	442	6.39	13	5	ND	4	61	1	2	2	82	.10	.134	9	11	.38	174	.24	5	1.76	.02	.10	1	18
SE-L2+00E 6+75S	5	41	36	61	.1	5	3	213	8.57	21	5	ND	4	62	1	2	2	72	.07	.131	14	13	.27	211	.28	6	1.31	.02	.07	1	25
SE-L2+00E 7+25S	5	86	28	107	.2	7	7	1074	5.68	17	5	ND	2	68	1	2	2	56	.18	.119	10	11	.68	147	.14	5	2.02	.04	.11	1	4
SE-L2+00E 7+50S	4	92	40	86	.5	8	6	997	6.66	17	5	ND	1	68	1	2	2	51	.09	.167	11	19	.61	171	.12	5	1.48	.02	.08	1	30
SE-L2+00E 8+00S	7	30	27	88	.9	6	6	627	5.87	14	5	ND	3	61	1	2	2	51	.13	.095	14	12	.49	95	.20	5	1.62	.04	.07	1	1
SE-L2+00E 8+50S	37	381	23	343	.5	5	83	23280	25.99	15	5	ND	4	117	1	3	2	9	.42	.064	24	1	.09	93	.04	5	1.04	.01	.02	2	1
SE-L2+00E 8+75S	14	751	28	65	.7	2	6	633	14.01	3	5	ND	7	12	1	2	2	25	.04	.057	43	8	.11	17	.21	8	2.43	.03	.05	1	5
SE-L2+00E 9+00S	8	108	29	87	.1	3	5	587	13.63	2	5	ND	3	23	1	2	2	55	.17	.336	10	4	.38	46	.23	10	.99	.01	.05	1	10
SE-L2+00E 9+25S	1	364	17	58	.4	2	5	119	23.98	2	5	ND	2	21	1	2	2	29	.11	.076	4	3	.25	44	.12	4	.58	.04	.04	1	5
SE-L2+00E 9+50S	5	307	36	49	2.2	4	2	42	18.86	2	5	ND	6	21	1	2	2	60	.05	.165	15	10	.07	29	.29	7	.96	.01	.03	1	15
SE-L2+00E 9+75S	7	316	37	116	.7	8	42	3741	8.35	13	5	ND	7	39	1	2	2	24	.09	.169	17	8	.60	185	.11	4	2.80	.02	.07	1	50
SE-L2+00E 10+00S	22	343	394	335	.8	5	47	4010	14.61	2	5	ND	13	12	5	2	2	24	.11	.372	20	1	1.04	75	.10	6	1.59	.03	.03	1	65
SE-L3+00E 5+00N	1	1085	3	855	.5	6	6	33	.50	2	5	ND	1	13	12	4	5	12	.07	.060	11	7	.07	8	.13	2	2.13	.02	.01	1	8
SE-L3+00E 4+75N	6	13	24	31	.9	3	1	81	3.84	7	5	ND	3	19	1	4	6	53	.07	.054	15	10	.09	23	.35	3	1.31	.03	.04	1	2
SE-L3+00E 4+50N	11	11	24	77	.1	2	2	761	6.48	17	5	ND	21	4	1	2	2	6	.03	.031	33	4	.07	14	.13	5	3.71	.07	.08	1	1
SE-L3+00E 4+25N	6	18	19	32	.5	3	2	141	5.20	9	5	ND	2	15	1	2	2	39	.06	.056	18	11	.10	19	.19	4	2.22	.03	.04	1	21
SE-L3+00E 4+00N	5	10	21	31	.3	3	1	73	4.19	6	5	ND	2	15	1	2	4	30	.03	.051	18	9	.06	12	.19	3	2.18	.03	.03	1	6
STD C/AU-S	19	62	40	132	7.1	71	29	960	3.97	40	17	8	39	51	19	18	20	59	.49	.091	39	59	.90	181	.09	36	1.73	.06	.13	13	52

WESTERN CANADIAN PROJECT-GOSSAN#9102 FILE # 87-2655

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
SE-L3+00E 3+75N	6	13	14	59	.4	3	2	615	3.69	12	5	ND	7	13	1	2	2	9	.10	.045	21	5	.09	20	.09	3	2.96	.08	.08	1	1
SE-L3+00E 3+50N	9	11	19	54	.1	1	1	614	5.05	11	8	ND	11	3	1	2	2	8	.04	.039	21	7	.05	8	.11	3	3.40	.06	.06	5	1
SE-L3+00E 3+25N	9	9	20	37	.7	1	1	112	6.09	8	5	ND	7	22	1	4	3	43	.04	.043	24	12	.09	26	.28	4	2.49	.03	.04	4	71
SE-L3+00E 3+00N	9	19	12	35	.6	3	1	147	7.13	7	5	ND	5	15	1	2	2	30	.03	.036	17	9	.06	20	.21	3	2.01	.02	.03	2	4
SE-L3+00E 2+75N	7	25	49	49	.3	4	2	206	5.80	10	5	ND	3	81	1	2	4	57	.08	.047	10	13	.37	88	.19	3	1.81	.02	.03	3	35
SE-L3+00E 2+50N	6	25	137	58	1.1	4	3	252	4.35	50	7	ND	3	189	1	3	2	78	.17	.104	11	9	.48	289	.24	3	1.57	.05	.10	1	86
SE-L3+00E 1+75N	8	12	11	47	.3	1	1	103	10.30	5	8	ND	8	9	1	2	2	23	.03	.040	14	15	.05	8	.18	3	2.11	.03	.05	2	2
SE-L3+00E 1+50N	9	17	30	42	.3	1	1	116	9.72	7	6	ND	11	31	1	2	8	57	.03	.045	18	11	.08	30	.29	2	2.37	.02	.04	1	2
SE-L3+00E 1+25N	7	28	163	47	2.3	2	1	255	3.77	47	5	ND	2	184	1	2	2	28	.06	.206	13	8	.41	403	.26	3	.93	.02	.14	1	175
SE-L3+00E 1+00N	6	33	50	62	.9	3	2	233	4.89	9	5	ND	2	322	1	2	4	33	.10	.086	20	16	.41	152	.14	3	2.69	.02	.06	1	650
SE-L3+00E 0+75N	10	15	28	50	.6	2	3	1187	6.10	6	5	ND	3	18	1	2	2	33	.05	.085	22	7	.14	23	.16	3	2.79	.04	.07	1	11
SE-L3+00E 0+50N	7	18	23	43	.4	2	1	152	6.48	6	5	ND	4	17	1	2	2	29	.05	.063	23	9	.13	23	.15	3	3.17	.03	.05	3	1
SE-L3+00E 0+25N	7	12	15	56	.3	1	1	357	4.97	5	5	ND	9	4	1	2	2	7	.04	.055	25	7	.05	9	.11	3	4.60	.06	.06	4	2
SE-L3+00E 0+00N	9	27	31	58	1.0	3	2	195	6.83	15	5	ND	3	22	1	2	2	27	.06	.072	23	9	.17	42	.13	4	3.20	.03	.05	5	5
SE-L3+00E 0+25S	8	14	30	56	.8	3	2	166	6.99	6	8	ND	3	46	1	2	2	51	.12	.061	15	11	.24	37	.23	3	1.72	.03	.05	1	13
SE-L3+00E 0+50S	9	152	116	63	1.9	3	9	406	5.16	9	5	ND	2	30	1	2	3	45	.09	.072	27	8	.25	72	.26	3	2.26	.03	.06	2	18
SE-L3+00E 0+75S	3	24	31	66	9.0	12	9	274	3.30	7	5	ND	1	323	1	2	2	57	.48	.127	10	10	.85	196	.33	2	1.46	.16	.09	1	25
SE-L3+00E 1+25S	8	38	35	65	2.4	4	2	164	7.36	12	5	ND	4	146	1	2	2	46	.12	.118	24	14	.13	91	.19	5	2.38	.02	.07	2	14
SE-L3+00E 1+50S	4	154	59	51	3.8	4	2	123	2.50	2	5	ND	1	215	1	2	2	54	.12	.091	19	10	.24	78	.30	3	2.79	.03	.06	1	20
SE-L3+00E 1+75S	8	90	67	74	2.1	4	2	331	10.70	5	8	ND	5	204	1	2	2	47	.10	.109	14	8	.53	158	.14	2	2.08	.02	.08	1	195
SE-L3+00E 2+00S	11	494	237	79	1.6	2	2	216	13.80	2	9	ND	4	146	1	2	5	28	.04	.113	26	2	.33	48	.09	2	1.55	.02	.05	1	210
SE-L3+00E 2+25S	17	32	44	65	.7	3	2	173	9.33	11	5	ND	7	38	1	2	2	85	.08	.240	20	11	.19	171	.36	2	1.53	.02	.05	1	25
SE-L3+00E 2+50S	8	312	300	194	2.1	6	32	2115	11.16	15	5	ND	6	51	1	2	2	97	.14	.290	6	9	1.45	149	.30	2	1.97	.02	.09	3	66
SE-L3+00E 2+75S	6	77	76	65	.6	2	3	229	7.79	13	6	ND	3	42	1	2	3	88	.13	.154	10	8	.35	70	.19	2	1.43	.01	.04	2	25
SE-L3+00E 3+25S	8	328	315	200	1.8	5	34	2223	11.20	8	5	ND	5	49	1	2	2	91	.13	.302	5	5	1.51	150	.29	2	1.91	.02	.09	1	75
SE-L3+00E 3+50S	7	455	71	191	.3	11	200	6821	8.03	18	5	ND	5	76	1	2	2	73	.15	.183	10	8	.97	361	.20	3	2.65	.02	.14	1	195
SE-L3+00E 3+75S	5	44	44	59	1.5	5	4	310	3.61	9	5	ND	2	50	1	2	2	81	.14	.086	8	9	.34	123	.23	3	1.24	.01	.08	1	13
SE-L3+00E 4+00S	12	49	43	87	1.5	5	4	402	10.64	14	6	ND	8	35	1	2	4	64	.15	.203	20	11	.39	89	.33	2	1.56	.04	.08	2	16
SE-L3+00E 4+25S	10	44	37	69	.6	4	3	305	6.93	10	5	ND	3	43	1	2	2	107	.12	.084	12	12	.42	83	.41	3	1.54	.03	.05	1	20
SE-L3+00E 4+50S	13	359	690	198	1.6	7	23	1706	5.24	11	5	ND	1	41	1	2	2	45	.19	.168	8	13	.62	91	.09	4	2.88	.03	.09	1	87
SE-L3+00E 4+75S	5	63	40	66	.2	9	11	793	3.64	6	5	ND	1	68	1	2	2	65	.48	.108	9	11	.75	90	.28	4	1.58	.15	.08	1	12
SE-L3+00E 5+00S	7	42	44	40	.8	3	2	146	3.87	12	5	ND	4	34	1	2	3	73	.11	.114	15	11	.23	58	.32	3	1.15	.02	.05	2	66
SE-L3+00E 5+25S	8	238	79	49	.2	3	2	186	3.92	5	5	ND	1	27	1	2	2	45	.09	.060	19	5	.24	45	.19	2	1.43	.02	.06	1	6
SE-L3+00E 5+50S	8	92	45	93	.5	6	4	394	5.36	15	5	ND	1	62	1	2	2	88	.23	.122	13	13	.58	132	.19	4	1.61	.02	.08	1	14
SE-L3+00E 5+75S	8	62	26	96	.3	6	4	631	7.12	11	5	ND	4	46	1	2	2	116	.13	.175	16	15	.31	143	.50	5	1.32	.02	.09	1	36
SE-L3+00E 6+00S	6	85	30	105	.9	11	9	629	5.92	13	7	ND	3	144	1	2	2	66	.43	.164	11	12	1.21	176	.24	3	1.88	.15	.10	1	15
SE-L3+00E 6+00SB	6	93	39	101	2.2	5	6	663	6.35	18	5	ND	2	83	1	2	2	33	.14	.225	10	6	.72	182	.06	3	1.41	.02	.06	1	16
STD C/AU-S	19	62	40	132	7.3	70	28	923	4.13	41	18	7	37	50	18	16	19	64	.52	.090	37	57	.94	179	.08	34	1.82	.05	.12	14	52

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	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
SE-L3+00E 6+25S	5	55	18	84	1.2	5	11	861	5.43	10	5	ND	3	34	1	2	2	31	.20	.098	20	18	.41	76	.07	3	3.56	.03	.07	2	21
SE-L3+00E 6+50S	4	31	28	62	.5	5	3	336	3.54	9	5	ND	2	94	1	2	2	51	.18	.062	9	11	.61	163	.17	2	1.23	.03	.07	1	73
SE-L3+00E 6+75S	3	16	8	77	.3	6	6	169	2.03	2	5	ND	1	51	1	2	2	29	.52	.090	8	8	.35	76	.16	4	.77	.05	.07	1	1
SE-L3+00E 7+00S	5	87	33	48	1.0	2	3	148	9.12	4	5	ND	4	93	1	2	2	81	.13	.083	5	9	.28	123	.26	2	1.60	.01	.03	1	5
SE-L3+00E 7+25S	4	39	21	55	.4	3	2	328	3.01	11	5	ND	1	91	1	2	2	33	.30	.086	4	7	.49	84	.06	2	.91	.02	.10	2	15
SE-L3+00E 7+50S	9	67	20	56	.6	5	4	487	5.97	8	5	ND	4	31	1	2	2	82	.19	.055	22	19	.44	27	.37	3	2.03	.04	.06	1	8
SE-L3+00E 7+75S	2	122	3	80	.8	8	9	239	2.74	2	5	ND	4	155	1	2	2	72	1.44	.059	30	14	.61	41	.60	3	2.13	.30	.12	1	2
SE-L3+00E 8+00S	5	36	17	72	.4	9	9	266	4.41	6	5	ND	2	199	1	3	2	62	.47	.137	7	10	.78	145	.35	3	1.14	.14	.08	1	6
SE-L3+00E 8+25S	3	21	20	77	.1	9	16	2729	4.06	3	5	ND	1	79	1	3	2	59	.63	.103	9	8	.83	180	.17	3	1.11	.12	.11	1	3
SE-L3+00E 8+50S	5	36	17	74	.4	16	12	1193	4.19	2	8	ND	1	43	1	2	2	66	.25	.119	11	19	.76	33	.13	3	2.38	.04	.05	1	2
SE-L3+00E 8+75S	8	55	28	100	.3	8	7	475	7.17	14	5	ND	4	52	1	2	2	62	.23	.109	8	13	.70	68	.20	4	1.59	.02	.07	1	16
SE-L3+00E 9+00S	5	35	9	55	.7	5	7	252	3.47	9	5	ND	3	54	1	2	2	38	.58	.059	26	6	.42	56	.18	3	1.49	.07	.08	2	3
SE-L3+00E 9+25S	4	63	16	77	.2	9	9	330	4.22	2	5	ND	2	47	1	2	2	46	.51	.109	13	9	.65	47	.24	2	1.35	.09	.09	1	8
SE-L3+00E 10+00S	8	59	21	89	.2	3	12	798	5.36	7	5	ND	5	60	1	2	2	32	.33	.156	7	5	1.13	76	.08	3	1.36	.01	.05	2	13
SE-L4+00E 5+00N	13	115	241	148	5.5	12	4	802	5.72	16	8	ND	6	1737	1	3	4	51	.32	.557	26	12	1.03	662	.20	3	2.78	.06	.16	1	510
SE-L4+00E 4+75N	5	33	27	84	.8	7	3	382	7.03	4	5	ND	3	192	1	2	2	117	.19	.118	12	28	.98	143	.23	2	2.35	.03	.06	1	81
SE-L4+00E 4+50N	8	51	82	101	1.8	10	6	553	5.80	13	5	ND	2	135	1	3	2	110	.46	.310	9	28	.84	185	.18	3	1.69	.08	.08	1	53
SE-L4+00E 4+25N	7	22	160	87	1.4	3	1	363	4.53	14	5	ND	1	158	1	2	2	118	.07	.170	8	12	.57	275	.18	2	1.78	.02	.08	1	58
SE-L4+00E 4+00N	5	89	88	122	.8	5	5	905	4.58	14	5	ND	4	124	1	2	2	56	.19	.144	9	12	1.09	344	.17	4	1.98	.01	.16	2	81
SE-L4+00E 3+75N	5	52	174	74	1.1	6	2	348	4.89	7	5	ND	1	181	1	2	2	101	.18	.230	7	30	.59	246	.18	2	1.47	.02	.07	1	24
SE-L4+00E 3+50N	5	21	66	71	.6	4	2	407	5.03	11	5	ND	1	130	1	2	2	71	.10	.210	7	14	.53	202	.06	3	1.60	.02	.06	1	17
SE-L4+00E 3+25N	6	31	36	74	1.1	2	2	200	12.34	11	5	ND	7	29	1	3	2	59	.06	.086	17	13	.13	154	.32	2	2.24	.02	.04	1	3
SE-L4+00E 3+00N	6	49	129	102	.8	4	3	555	4.10	14	5	ND	2	110	1	2	2	40	.23	.106	9	7	.87	564	.11	2	1.69	.02	.17	1	81
SE-L4+00E 2+75N	11	28	79	58	.6	1	2	161	6.00	14	5	ND	4	99	1	2	2	95	.05	.066	10	8	.26	150	.24	2	1.46	.02	.04	1	55
SE-L6+00E 5+50N	8	159	66	92	2.1	3	2	316	9.28	7	8	ND	4	467	1	2	2	61	.13	.268	17	13	.53	187	.16	2	1.46	.02	.09	1	56
SE-L6+00E 5+25N	7	41	30	48	1.2	3	3	129	6.74	2	5	ND	5	43	1	2	2	111	.13	.096	12	9	.17	51	.40	2	1.48	.02	.05	1	1
SE-L6+00E 4+75N	12	24	23	67	.5	3	3	407	9.31	9	5	ND	8	20	1	2	2	40	.03	.242	21	12	.08	53	.25	3	2.04	.04	.06	1	1
SE-L6+00E 4+50N	9	32	38	66	.9	4	3	225	6.44	12	5	ND	5	58	1	2	2	63	.14	.122	17	9	.29	90	.25	2	1.69	.02	.05	1	22
SE-L6+00E 4+25N	13	305	25	92	1.2	3	4	381	10.06	10	5	ND	7	30	1	3	2	52	.08	.053	26	13	.28	38	.31	3	2.28	.03	.05	2	6
SE-L6+00E 4+00N	1	676	14	79	1.7	1	3	21	29.83	4	5	ND	3	16	2	3	2	13	.09	.110	6	1	.06	6	.01	2	.87	.01	.02	2	1
SE-L6+00E 3+75N	6	35	72	51	.9	2	1	176	1.88	3	5	ND	1	83	1	3	2	36	.11	.056	9	5	.33	64	.04	2	.95	.01	.04	1	24
STD C/AU-S	19	61	37	132	7.0	72	28	934	4.03	35	18	7	37	51	18	18	18	65	.59	.090	37	60	.95	180	.08	35	1.76	.05	.14	12	53

WESTERN CANADIAN PROJECT - GOSSAN #9102 FILE # 87-2530

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
SE L3+50W 13+75S	7	151	36	80	1.4	17	6	353	10.60	17	5	ND	5	102	1	7	2	80	.17	.403	12	40	.84	201	.23	4	1.75	.08	.08	1	142
SE L3+50W 14+00S	7	202	36	137	.3	39	15	465	12.17	3	5	ND	11	85	1	2	2	64	.31	.371	12	20	1.05	144	.21	4	2.10	.04	.06	1	52
SE L3+50W 14+50S	22	135	49	114	.3	25	22	756	12.51	12	5	ND	14	73	1	2	2	53	.14	.443	17	12	.88	218	.21	5	2.49	.04	.08	1	81
SE L2+50W 10+25S	5	45	57	91	1.9	10	5	530	6.84	18	5	ND	2	49	1	3	2	64	.11	.133	15	17	.58	198	.20	5	1.60	.02	.08	1	26
SE L2+50W 10+50S	3	23	55	76	3.2	9	3	487	3.47	20	5	ND	1	45	1	4	2	53	.18	.148	15	22	.61	158	.17	2	1.28	.02	.07	2	18
SE L2+50W 10+75S	6	89	36	119	1.0	15	23	1862	5.75	27	5	ND	2	45	1	7	2	54	.21	.113	11	22	.92	119	.18	4	2.05	.04	.07	1	21
SE L2+50W 11+50S	4	41	16	102	.7	14	5	618	5.58	23	5	ND	1	33	1	3	2	53	.12	.125	8	25	.74	84	.12	4	2.07	.02	.07	1	33
SE L2+50W 11+75S	7	66	23	110	.9	13	32	2620	6.34	16	5	ND	2	30	1	2	2	58	.16	.103	9	19	.66	60	.16	4	2.31	.02	.07	1	35
SE L2+50W 12+00S	5	43	20	89	2.1	11	5	606	6.87	27	5	ND	1	34	1	2	2	53	.14	.130	6	17	.62	80	.11	5	1.66	.02	.07	1	69
SE L2+50W 12+25S	7	49	25	98	1.0	16	9	817	5.35	34	5	ND	1	48	1	4	2	54	.20	.164	6	32	.93	126	.14	3	1.49	.03	.07	1	56
SE L2+50W 12+50S	7	65	38	96	2.1	9	5	718	4.38	8	5	2	1	81	1	3	3	36	.16	.127	11	15	.97	244	.10	3	2.02	.02	.13	2	92
SE L2+50W 12+75S	4	38	35	95	.9	6	4	548	4.24	13	5	ND	1	95	1	4	2	40	.22	.118	9	13	.74	300	.08	2	1.35	.02	.17	1	44
SE L2+50W 13+00S	17	371	66	167	.7	20	23	582	16.76	28	5	ND	7	40	1	2	3	44	.08	.470	8	10	.56	176	.13	6	2.91	.02	.05	1	51
SE L2+50W 13+25S	13	163	52	127	.7	26	91	3378	10.14	20	5	ND	6	51	1	3	2	49	.10	.370	11	19	.73	218	.19	6	2.42	.03	.06	1	85
SE L2+50W 13+50S	3	35	18	68	.5	8	6	375	3.78	14	5	ND	1	71	1	3	2	47	.27	.158	6	17	.68	184	.12	2	1.27	.03	.09	1	14
SE L2+50W 13+75S	4	36	20	82	.5	9	5	520	4.44	12	5	ND	1	81	1	4	2	52	.29	.131	6	12	.92	180	.11	4	1.47	.02	.09	1	12
SE L2+50W 14+00S	14	126	13	73	.2	11	14	492	6.08	12	5	ND	1	42	1	2	2	25	.19	.188	4	6	.71	115	.11	4	1.55	.02	.07	3	8
SE L2+50W 14+25S	14	163	27	94	.4	23	12	524	8.57	19	5	ND	7	90	1	2	2	54	.20	.320	10	17	.87	204	.19	6	2.33	.05	.08	1	53
SE L2+50W 15+00S	10	179	35	107	.7	28	46	2236	6.56	35	5	ND	2	35	1	3	2	45	.19	.177	6	13	1.02	70	.14	5	2.35	.04	.05	1	26
SE L2+50W 15+50S	13	207	48	142	.4	46	110	4245	10.11	30	5	ND	3	46	1	5	2	49	.20	.319	8	16	1.39	96	.15	7	2.54	.04	.05	1	32
SE L2+50W 15+75S	12	213	95	166	.9	63	140	5637	13.31	15	5	ND	4	25	2	3	3	43	.11	.337	11	17	1.61	98	.08	6	2.47	.02	.04	1	27
SE L2+50W 16+25S	9	167	40	140	.4	25	63	2208	9.42	69	5	ND	3	57	1	2	4	55	.24	.271	7	16	1.19	77	.17	7	2.19	.04	.06	1	41
SE L2+50W 16+50S	6	95	34	122	.4	19	45	2053	6.71	25	5	ND	1	55	1	3	2	45	.36	.212	5	14	1.06	88	.09	6	1.60	.03	.06	1	14
SE L2+50W 16+75S	7	169	43	142	.8	28	55	1960	12.27	33	5	ND	3	55	2	3	3	67	.20	.385	7	19	1.40	70	.19	7	2.23	.02	.06	1	47
SE L1+50W 10+00S	9	82	36	81	.5	10	9	845	4.18	18	5	ND	1	61	1	2	4	49	.15	.111	10	13	.56	145	.17	3	1.90	.02	.11	2	4
SE L1+50W 10+25S	5	158	52	130	1.4	15	21	2312	6.72	41	5	ND	3	55	1	2	3	51	.19	.180	16	24	.96	212	.21	5	1.89	.04	.09	1	48
SE L1+50W 10+50S	9	284	41	101	.7	17	27	1917	5.59	18	5	ND	3	52	1	2	2	37	.14	.106	12	13	.64	203	.16	5	2.97	.03	.10	1	23
SE L1+50W 10+75S	15	789	48	125	.7	36	52	2187	6.78	16	5	ND	3	55	1	2	3	23	.07	.160	6	5	.47	615	.08	5	7.50	.02	.07	1	25
SE L1+50W 11+00S	19	841	66	493	.3	80	181	17747	4.20	34	16	ND	3	35	11	2	2	35	.19	.296	10	9	.62	326	.15	3	7.07	.05	.05	1	38
SE L1+50W 11+25S	5	113	36	150	1.2	17	20	2834	6.10	46	5	ND	2	45	1	2	2	68	.24	.140	12	26	1.07	167	.22	6	1.87	.04	.08	1	3
SE L1+50W 11+50S	8	136	35	90	.8	24	7	393	8.96	89	5	ND	1	33	1	2	6	56	.10	.150	6	33	.42	61	.13	8	1.45	.01	.04	1	63
SE L1+50W 11+75S	13	78	32	112	.9	12	14	1530	6.49	32	5	ND	1	40	1	2	2	68	.16	.122	8	25	.83	112	.19	8	1.72	.02	.08	1	6
SE L1+50W 12+00S	9	124	21	121	.5	19	55	5161	7.36	19	12	ND	3	51	1	2	3	56	.22	.166	9	18	1.41	147	.17	7	2.79	.05	.08	2	1
SE L1+50W 12+25S	6	37	25	89	.3	9	6	619	5.92	23	5	ND	1	60	1	2	2	49	.24	.121	8	14	.53	149	.09	6	1.61	.01	.10	1	3
SE L1+50W 12+50S	7	55	25	98	.9	14	11	1172	5.55	33	5	ND	1	43	1	2	4	52	.20	.125	8	23	.74	115	.13	9	1.81	.03	.08	2	3
SE L1+50W 12+75S	7	48	30	92	.8	12	5	599	5.15	24	5	ND	1	67	1	2	3	44	.18	.161	10	12	.84	191	.09	5	1.77	.02	.13	1	28
STD C/AU-S	19	58	40	122	6.9	63	27	896	3.88	40	14	7	31	45	18	15	23	54	.48	.086	36	56	.88	164	.08	33	1.69	.05	.13	12	50

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
SE L1+50W 13+00S	5	38	24	71	.7	5	4	446	4.83	17	5	ND	1	67	1	4	2	42	.13	.128	9	12	.56	283	.12	3	1.68	.02	.08	1	59
SE L1+50W 13+25S	7	76	22	135	.5	12	25	1358	7.73	9	5	ND	2	47	1	2	2	58	.16	.148	11	15	.65	130	.20	4	2.68	.02	.05	1	83
SE L1+50W 13+50S	5	61	20	101	.5	14	12	725	4.87	21	5	ND	2	75	1	3	3	51	.27	.143	8	21	1.19	171	.18	3	2.15	.02	.06	1	44
SE L1+50W 13+75S	5	43	24	96	.6	7	5	445	7.11	22	5	ND	1	41	1	3	3	60	.16	.090	6	19	.84	95	.16	5	2.30	.01	.06	1	13
SE L1+50W 14+00S	4	39	14	81	.3	10	9	635	4.14	12	5	ND	1	60	1	2	2	46	.30	.105	5	14	.98	100	.12	3	1.80	.03	.07	1	15
SE L1+50W 14+25S	9	117	30	86	1.0	14	5	317	7.33	12	5	ND	1	73	1	4	5	51	.10	.269	10	19	.62	214	.07	5	1.76	.03	.06	1	260
SE L0+00E 10+00S	13	73	22	95	.5	8	24	1788	5.21	9	5	ND	3	46	1	3	4	44	.20	.115	12	13	.71	93	.17	3	2.22	.03	.06	1	24
SE L0+00E 10+50S	9	49	22	100	.4	9	11	1304	5.66	7	5	ND	1	44	1	2	2	58	.27	.095	7	15	.41	132	.18	3	1.60	.03	.06	1	17
SE L0+00E 10+75S	7	101	33	151	.3	23	25	1507	5.77	21	6	ND	2	47	1	2	2	59	.24	.146	16	24	.77	268	.19	5	2.79	.04	.13	1	24
SE L0+00E 11+00S	9	196	32	190	.9	23	35	3096	6.52	49	5	ND	3	55	1	6	3	59	.25	.173	12	27	1.36	157	.21	4	2.67	.03	.08	2	78
SE L0+00E 11+25S	8	106	24	122	1.2	23	15	1350	5.68	31	9	ND	1	42	1	3	2	59	.18	.105	8	27	.99	81	.17	5	2.47	.03	.08	1	35
SE L0+00E 11+50S	6	146	32	129	1.3	20	13	1243	6.61	49	5	ND	2	38	1	2	5	56	.15	.145	12	35	.98	86	.16	5	2.72	.02	.05	2	64
SE L0+00E 11+75S	9	55	18	73	.9	13	9	748	6.19	23	8	ND	1	36	1	4	3	56	.23	.115	7	18	.51	49	.20	5	1.29	.03	.05	1	18
SE L0+00E 12+00S	8	122	16	72	.5	16	61	1041	3.51	9	5	ND	2	19	1	3	2	28	.15	.097	32	9	.30	33	.12	4	2.59	.02	.03	1	13
SE L0+00E 12+25S	10	105	5	150	1.1	15	145	10977	8.84	14	9	ND	4	36	1	2	8	54	.17	.179	14	17	.76	95	.21	7	1.96	.05	.05	1	36
SE L0+00E 12+50S	12	137	6	182	.4	40	102	7670	8.24	12	5	ND	5	24	1	2	8	33	.09	.121	11	11	.78	112	.13	6	2.94	.02	.05	2	33
SE L0+00E 12+75S	3	111	21	163	.3	12	17	1141	4.98	19	5	ND	3	54	1	2	2	60	.21	.047	8	15	1.19	98	.20	3	2.40	.01	.08	2	51
SE L0+00E 13+00S	4	42	18	86	.4	12	55	2873	4.83	4	6	ND	2	65	1	3	2	54	.49	.132	7	10	.89	90	.21	4	1.85	.10	.08	1	13
SE L0+00E 13+25S	7	86	36	91	.6	11	11	609	5.01	18	5	ND	2	46	1	5	3	58	.17	.171	10	16	.83	102	.14	4	2.41	.01	.07	1	48
SE L1+00E 5+00S	5	93	26	84	.3	5	6	635	3.73	12	5	ND	4	115	1	4	2	29	.18	.141	10	10	.76	354	.14	3	1.43	.01	.11	1	34
SE L1+00E 5+25S	4	51	25	65	.7	6	4	457	3.72	16	5	ND	1	84	1	3	2	30	.14	.103	7	8	.70	169	.08	3	1.20	.01	.07	1	35
SE L1+00E 5+50S	5	79	24	78	.6	4	4	454	4.81	20	9	ND	5	213	1	3	3	34	.12	.121	13	9	.60	589	.14	4	1.69	.02	.15	1	44
SE L1+00E 5+75S	5	33	23	55	1.3	3	2	250	3.89	12	5	ND	2	80	1	4	2	47	.14	.134	8	8	.39	127	.12	3	1.29	.01	.07	1	18
SE L2+00E 6+25S	6	222	29	66	.7	2	3	271	10.11	7	5	ND	6	41	1	2	5	44	.06	.172	13	6	.26	140	.16	7	2.34	.01	.06	1	19
SE L2+00E 6+50S	3	57	33	54	.4	5	4	357	2.85	7	5	ND	1	113	1	2	2	31	.23	.125	9	8	.59	151	.10	2	1.42	.06	.07	3	18
SE L2+00E 6+75S	7	32	43	36	.2	2	2	129	5.28	13	5	ND	2	63	1	2	2	80	.06	.130	13	7	.12	136	.24	4	1.09	.01	.07	2	27
SE L2+00E 7+00S	7	43	26	52	.4	5	3	434	5.38	13	5	ND	1	42	1	2	3	60	.08	.136	10	12	.35	81	.21	5	1.13	.02	.06	2	35
SE L4+00E 1+50N	5	113	44	64	1.1	6	2	258	7.80	17	5	ND	2	289	1	2	2	46	.08	.326	9	22	.44	165	.10	6	1.83	.02	.05	11	126
SE L4+00E 1+25N	8	77	50	47	1.6	6	3	231	4.67	24	5	ND	1	138	1	3	3	55	.11	.241	6	10	.37	197	.05	4	1.43	.01	.03	20	33
SE L4+00E 1+00N	4	55	28	62	1.4	4	3	272	3.77	14	6	ND	1	110	1	5	4	34	.12	.122	7	7	.38	220	.10	4	1.16	.02	.08	9	31
SE L4+00E 0+75N	8	388	161	281	1.8	4	19	1128	5.55	16	5	ND	3	10	1	4	7	7	.13	.065	5	1	.15	123	.01	5	.99	.01	.05	3	280
SE L4+00E 0+50N	3	85	52	112	1.0	3	4	317	3.37	9	5	ND	3	26	1	5	2	14	.07	.047	5	6	.50	71	.02	3	1.04	.01	.08	1	36
SE L4+00E 0+25N	2	67	43	167	1.6	4	11	1273	2.89	5	8	ND	1	31	1	3	2	26	.30	.074	7	5	.54	81	.08	3	1.05	.06	.09	1	49
SE L4+00E 0+00N	2	100	17	115	.2	2	6	664	2.38	19	5	ND	1	10	1	3	2	12	.10	.064	5	1	.31	32	.02	3	.64	.01	.06	1	82
SE L4+00E 0+25S	2	69	25	105	.5	2	7	1014	2.65	14	5	ND	1	33	1	3	2	19	.16	.072	8	2	.53	129	.03	2	1.02	.01	.06	1	15
SE L4+00E 0+50S	5	33	81	71	1.1	3	4	621	4.10	6	5	ND	1	38	1	4	2	42	.17	.056	8	7	.44	65	.15	5	1.14	.02	.08	1	1500
STD C/AU-S	18	56	40	129	6.8	64	27	926	4.01	38	16	7	31	44	16	15	20	53	.50	.085	35	53	.91	163	.08	34	1.77	.05	.12	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
SE L4+00E 0+75S	5	170	36	60	4.0	6	4	190	5.35	9	5	ND	2	30	1	2	6	41	.16	.082	16	8	.25	91	.14	4	2.31	.03	.05	1	4
SE L4+00E 1+00S	1	520	28	96	.8	2	3	78	31.81	22	5	ND	5	10	3	2	8	27	.03	.062	8	5	.12	18	.16	2	2.03	.02	.03	1	7
SE L4+00E 1+25S P	2	24	51	59	.5	11	9	235	3.19	7	5	ND	3	120	1	2	2	51	.67	.091	6	8	.77	74	.31	2	.98	.18	.12	1	42
SE L4+00E 1+50S	12	352	26	64	.7	5	7	446	13.16	26	5	ND	2	84	1	3	4	120	.27	.736	6	4	.22	57	.11	2	1.74	.06	.06	2	1
SE L4+00E 1+75S	1	126	26	42	1.1	3	3	32	16.72	14	5	ND	2	65	1	5	3	43	.09	.428	5	4	.06	17	.04	3	.70	.02	.05	2	7
SE L4+00E 2+00S P	1	288	2	64	1.5	61	10	222	2.79	7	5	ND	1	65	2	2	2	53	.63	.082	14	61	.90	30	.27	3	2.32	.23	.10	1	1
SE L4+00E 2+25SA P	1	630	5	326	1.1	8	26	123	3.85	4	5	ND	2	133	5	2	3	7	.79	.084	17	2	.06	6	.02	2	1.26	.01	.01	1	1
SE L4+00E 2+25SB P	1	134	10	51	.1	8	4	95	9.92	2	5	ND	2	47	1	2	2	38	.35	.064	8	10	.24	17	.20	2	1.18	.11	.07	1	1
SE L4+00E 2+50S	1	167	11	143	1.8	5	7	150	4.22	2	8	ND	2	159	1	2	4	31	.92	.084	18	4	.09	16	.20	4	1.11	.05	.03	1	1
SE L4+00E 2+75S	15	616	51	73	3.5	3	6	376	6.03	15	5	ND	4	91	1	2	5	78	.14	.070	17	19	.28	38	.38	3	3.08	.04	.06	2	36
SE L4+00E 3+00S	30	312	45	65	1.0	2	11	793	12.05	11	5	ND	11	14	1	2	2	77	.04	.039	22	12	.11	19	.55	2	2.06	.03	.04	1	1
SE L4+00E 3+25S	11	72	42	71	1.3	3	4	322	9.27	26	5	ND	7	30	1	2	3	95	.07	.061	15	17	.21	48	.33	2	2.03	.02	.04	3	33
SE L4+00E 3+50S	10	85	32	78	.5	7	7	391	12.91	16	5	ND	7	41	1	2	2	70	.21	.126	15	16	.39	78	.32	2	1.76	.07	.06	2	35
SE L4+00E 3+75S	13	134	78	112	3.6	4	6	673	7.64	13	5	ND	2	122	1	2	3	46	.15	.172	9	5	.68	130	.06	2	1.64	.03	.07	1	157
SE L4+00E 4+00S	6	73	29	99	.6	10	9	665	6.96	13	5	ND	6	36	1	2	3	90	.22	.059	14	28	.49	97	.49	4	2.18	.02	.06	2	13
SE L4+00E 4+25S	7	23	60	38	.4	2	3	150	2.58	10	5	ND	2	41	1	2	3	95	.15	.034	11	8	.24	62	.31	2	1.19	.02	.04	1	14
SE L4+00E 4+50S	11	51	65	59	1.0	2	4	193	4.66	9	5	ND	3	43	1	2	3	75	.14	.042	9	6	.30	65	.19	3	1.23	.03	.05	1	21
SE L4+00E 4+75S	13	58	94	74	.9	5	6	528	6.16	12	5	ND	2	51	1	2	3	75	.30	.146	7	8	.48	100	.23	4	1.23	.05	.07	2	7
SE L4+00E 5+00S	11	252	56	79	2.0	4	4	404	8.39	21	5	ND	6	41	1	2	2	45	.11	.121	19	7	.36	85	.18	5	2.58	.03	.06	1	42
SE L4+00E 5+25S	8	42	32	54	1.4	4	3	390	6.61	8	5	ND	3	26	1	2	2	83	.11	.120	18	11	.26	46	.25	5	1.41	.03	.06	1	4
SE L4+00E 5+50S P	8	97	34	60	1.1	6	4	255	3.71	13	5	ND	2	49	1	2	2	61	.22	.108	13	9	.52	78	.21	3	1.72	.05	.06	2	1
SE L4+00E 5+75S P	5	68	53	81	.2	6	5	358	4.48	16	5	ND	1	72	1	4	2	50	.22	.101	8	6	.61	128	.12	3	1.26	.03	.07	1	26
SE L4+00E 6+00S	11	43	35	60	1.1	1	3	145	12.68	16	5	ND	8	24	1	3	6	78	.06	.137	13	12	.11	76	.29	4	1.52	.02	.04	4	8
SE L4+00E 6+25S	7	178	42	100	.6	4	4	434	6.84	24	5	ND	8	68	1	2	2	47	.09	.084	13	9	.66	135	.10	7	2.21	.02	.07	3	12
SE L4+00E 6+50S	2	13	16	34	.6	6	5	117	1.64	2	5	ND	1	47	1	2	2	46	.26	.039	5	8	.33	48	.22	2	.68	.06	.04	2	62
SE L4+00E 6+75S	2	32	9	26	.8	3	3	73	1.48	2	5	ND	1	28	1	3	2	42	.10	.026	6	4	.15	52	.19	2	.51	.03	.02	1	1
SE L4+00E 7+00S	1	314	15	142	.3	13	25	1839	2.81	13	5	ND	4	86	1	2	2	34	.57	.131	13	8	.98	132	.09	3	2.61	.03	.11	1	4
SE L4+00E 7+25S	5	62	26	88	2.5	11	10	581	6.15	19	5	ND	3	157	1	5	2	68	.50	.233	9	13	.99	257	.31	5	1.46	.14	.10	1	15
SE L4+00E 7+50S	3	35	33	63	2.2	9	8	354	5.79	15	5	ND	2	85	1	4	2	72	.39	.177	9	10	.80	157	.26	3	1.47	.11	.08	1	1
SE L4+00E 7+75S	7	40	33	43	2.6	3	2	144	5.23	9	5	ND	4	41	1	2	2	68	.08	.082	13	10	.25	49	.33	5	1.40	.02	.05	1	2
SE L4+00E 8+00S	3	263	7	59	3.5	6	5	133	2.95	7	6	ND	3	61	1	2	2	25	.44	.137	29	7	.33	22	.05	7	2.47	.07	.09	1	1
SE L4+00E 8+25S	4	45	18	46	.6	7	4	98	4.02	2	5	ND	1	58	1	2	2	50	.35	.106	10	8	.24	28	.12	6	1.20	.05	.08	2	1
SE L4+00E 8+50S	4	253	47	123	.6	7	14	781	3.03	12	5	ND	3	53	1	3	2	31	.37	.106	22	8	.72	56	.05	3	2.35	.01	.06	2	11
SE L4+00E 8+75S	3	48	12	94	.1	20	21	1950	3.96	2	7	ND	2	99	1	5	2	60	1.47	.103	19	13	1.21	95	.36	5	1.74	.26	.17	1	1
SE L4+00E 9+25S	3	38	11	83	.3	14	15	730	4.09	4	5	ND	3	112	1	2	2	61	1.08	.088	8	8	1.52	74	.36	5	1.81	.34	.15	1	3
SE L5+00E 5+50N	7	135	55	91	1.2	5	4	267	11.66	10	5	ND	3	370	1	2	2	80	.22	.269	13	10	.46	240	.22	6	1.33	.04	.10	1	29
STD C/AU-S	19	62	40	131	7.0	69	27	912	4.10	40	18	7	36	49	18	15	20	63	.52	.087	36	57	.90	179	.08	34	1.82	.05	.12	13	53

SAMPLE#	MO PPM	CU PPM	PB PPM	ZN PPM	AG PPM	NI PPM	CO PPM	MN PPM	FE %	AS PPM	U PPM	AU PPM	TH PPM	SR PPM	CD PPM	SB PPM	BI PPM	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
SE L5+00E 5+25N	13	58	30	56	.2	2	4	437	8.42	17	5	ND	5	117	1	3	7	80	.11	.414	15	10	.25	95	.25	3	2.04	.02	.05	4	7
SE L5+00E 5+00N	9	23	42	62	.2	3	3	230	10.62	19	5	ND	7	52	1	4	8	65	.03	.081	14	15	.23	50	.33	2	1.67	.01	.04	2	15
SE L5+00E 4+75N	8	16	33	49	.3	3	2	179	6.63	16	8	ND	3	45	1	2	6	52	.06	.124	16	8	.22	88	.24	2	1.38	.02	.05	1	64
SE L5+00E 4+50N	7	17	10	59	1.5	5	4	245	9.97	17	5	ND	8	28	1	3	4	90	.10	.102	16	18	.30	61	.53	2	4.00	.03	.04	1	9
SE L5+00E 4+25N	11	53	28	80	1.1	1	2	227	16.73	23	5	ND	15	16	1	8	8	33	.02	.072	25	15	.09	25	.28	2	2.39	.02	.05	2	6
SE L5+00E 4+00N	10	74	9	76	1.2	3	6	411	7.90	14	6	ND	8	17	1	2	8	53	.03	.077	28	11	.11	41	.41	3	2.07	.02	.06	1	7
SE L5+00E 3+75N P	2	488	4	76	11.5	19	4	104	2.61	6	7	ND	1	49	1	3	2	29	.39	.132	15	18	.33	33	.12	5	1.92	.08	.08	1	4
SE L5+00E 3+50N	3	29	43	77	1.0	8	8	885	3.52	8	5	ND	1	111	1	3	2	57	.49	.197	6	11	.68	206	.23	2	1.09	.11	.08	1	28
SE L5+00E 3+25N	3	132	44	97	4.0	9	6	409	7.58	17	5	ND	1	116	1	2	2	62	.33	.190	7	13	.92	141	.18	3	1.85	.10	.11	1	33
SE L5+00E 3+00N	6	302	51	78	2.0	4	2	297	6.40	16	8	ND	2	117	1	2	2	36	.09	.170	12	7	.52	229	.06	2	2.17	.02	.07	1	62
SE L5+00E 2+75N	3	185	52	84	1.2	7	6	345	8.14	21	5	ND	3	146	1	3	2	49	.32	.211	8	7	.78	319	.18	3	1.40	.11	.13	1	14
SE L5+00E 2+50N	6	49	73	64	.9	3	2	296	2.84	17	5	ND	2	166	1	2	2	25	.10	.070	8	4	.50	355	.09	2	.86	.02	.08	1	84
SE L5+00E 0+25S	5	147	41	148	.5	7	14	939	6.74	20	5	ND	4	68	1	2	2	46	.20	.138	9	10	.69	145	.13	3	1.83	.01	.09	2	11
SE L5+00E 0+50S	14	50	35	101	.4	4	4	391	12.65	23	8	ND	10	34	1	4	4	77	.14	.203	27	11	.34	77	.42	2	1.74	.02	.06	3	13
SE L5+00E 0+75S	12	755	41	228	.4	11	51	6750	5.43	18	9	ND	4	76	3	2	2	38	.24	.168	27	11	.73	301	.10	3	3.18	.01	.12	1	132
SE L5+00E 1+00S	7	98	24	78	1.0	4	4	367	8.15	11	5	ND	3	36	1	2	3	44	.15	.193	10	8	.23	89	.13	4	1.68	.01	.05	2	9
SE L5+00E 1+25S	8	62	28	62	1.5	2	4	306	8.63	19	5	ND	9	21	1	3	5	61	.12	.109	33	10	.24	40	.38	4	2.40	.05	.07	1	8
SE L5+00E 1+50S	6	134	39	111	1.2	4	7	456	6.94	17	5	ND	5	62	1	2	2	38	.14	.100	14	12	.58	119	.15	2	2.36	.01	.06	1	30
SE L5+00E 1+75S	7	53	45	63	.7	4	3	251	6.09	20	5	ND	2	68	1	2	3	65	.15	.070	11	8	.40	92	.19	3	1.26	.02	.06	1	32
SE L5+00E 2+00S P	6	129	16	63	.5	3	4	183	3.56	3	5	ND	1	53	1	3	4	39	.23	.087	5	4	.34	366	.14	3	1.07	.03	.05	1	12
SE L5+00E 2+25S	1	194	12	76	.1	1	4	81	38.28	8	6	ND	2	16	1	2	13	8	.11	.069	2	1	.09	8	.05	2	.57	.02	.02	1	6
SE L5+00E 2+50S	1	422	26	89	.1	1	4	49	43.89	19	5	ND	2	11	1	2	21	13	.07	.083	2	1	.11	8	.06	2	.60	.03	.03	1	1
SE L5+00E 2+75S P	1	277	12	90	.5	3	2	104	5.00	5	5	ND	2	79	1	2	3	16	.55	.081	8	6	.11	13	.15	5	.81	.04	.03	1	1
SE L5+00E 3+00S P	1	251	13	98	.2	3	5	60	2.81	3	5	ND	1	56	1	2	2	41	.42	.067	12	10	.07	14	.40	3	1.26	.09	.03	1	1
SE L5+00E 3+25S P	4	33	36	79	1.5	7	7	390	4.99	9	5	ND	3	49	1	2	2	119	.40	.055	9	13	.57	120	.47	5	1.24	.08	.09	1	6
SE L5+00E 3+50S	11	183	100	95	1.1	4	4	401	7.90	23	5	ND	6	81	1	4	2	37	.09	.122	11	9	.63	130	.16	4	1.98	.02	.09	2	120
SE L5+00E 3+75S	9	125	75	85	1.0	6	3	371	7.99	12	5	ND	2	129	1	2	2	28	.09	.145	11	10	.55	172	.08	4	1.26	.01	.10	1	92
SE L5+00E 4+00S	6	51	20	49	1.2	2	3	94	2.16	2	5	ND	1	38	1	4	2	51	.10	.038	5	5	.15	184	.11	3	.95	.02	.04	2	21
SE L5+00E 4+25S	11	214	62	133	.6	6	34	2451	6.82	16	5	ND	2	72	1	2	2	50	.17	.118	9	9	.88	139	.11	4	2.14	.01	.10	3	68
SE L5+00E 4+50S	6	45	38	90	1.1	4	4	329	8.84	15	5	ND	6	29	1	2	2	76	.11	.076	17	13	.38	46	.28	4	2.30	.02	.07	1	19
SE L5+00E 4+75S	2	52	27	119	.4	6	7	657	4.08	10	5	ND	1	56	1	2	2	72	.34	.087	7	11	.84	89	.17	4	1.66	.02	.13	1	7
SE L5+00E 5+00S	6	35	35	53	.5	3	3	164	3.55	12	5	ND	2	42	1	5	2	69	.16	.067	9	7	.25	57	.18	4	1.06	.02	.07	2	30
SE L5+00E 5+25S	8	33	32	67	1.2	5	6	256	9.09	15	5	ND	5	44	1	3	2	57	.29	.110	14	10	.48	61	.32	6	1.60	.11	.08	3	9
SE L5+00E 5+50S	11	312	444	337	.2	10	65	6261	4.13	9	5	ND	2	46	5	2	2	27	.32	.124	8	4	.70	471	.09	4	1.91	.04	.14	2	10
SE L5+00E 5+75S	5	42	183	72	1.2	6	7	517	4.52	13	5	ND	1	45	1	2	2	51	.29	.090	9	6	.55	73	.19	4	1.39	.08	.09	1	6
SE L5+00E 6+00S	5	42	35	100	.9	5	7	764	5.14	12	5	ND	1	45	1	2	2	77	.23	.132	9	8	.64	71	.19	5	1.57	.03	.10	1	12
STD C/AU-S	19	55	40	127	7.0	66	28	921	4.11	42	18	7	33	48	18	15	23	56	.51	.089	37	49	.93	173	.08	36	1.81	.05	.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
SE L5+00E 6+25S	4	23	6	56	1.8	4	4	167	3.37	8	5	ND	2	35	1	2	2	101	.18	.069	6	6	.25	56	.29	2	.99	.01	.08	1	21
SE L5+00E 6+50S	6	24	22	61	1.4	6	7	225	4.79	7	5	ND	3	44	1	2	3	79	.26	.086	13	8	.46	57	.27	2	1.27	.08	.07	1	7
SE L5+00E 6+75S	4	23	26	69	.7	4	4	217	6.01	11	5	ND	4	44	1	2	2	87	.16	.145	9	9	.44	63	.25	2	1.43	.04	.06	1	8
SE L5+00E 7+00S	4	46	295	90	1.1	8	7	582	4.31	15	5	ND	2	96	1	2	2	62	.30	.164	10	12	.77	286	.23	5	1.82	.09	.09	1	31
SE L5+00E 7+25S	6	74	38	103	.4	6	8	871	6.63	15	5	ND	4	50	1	3	2	51	.18	.098	13	11	.67	69	.18	2	1.94	.03	.07	1	105
SE L5+00E 7+50S	4	43	21	138	.6	7	7	541	5.38	6	5	ND	3	49	1	2	2	70	.28	.098	9	10	.78	64	.15	2	1.85	.02	.11	1	7
SE L5+00E 7+75S	2	65	9	104	.6	17	10	551	2.77	5	6	ND	2	64	1	3	2	34	.47	.073	11	15	.99	131	.08	2	1.47	.03	.10	1	23
SE L5+00E 8+00S	2	44	19	101	.5	17	13	824	3.34	2	5	ND	2	85	1	3	2	43	.73	.083	9	14	1.19	154	.21	2	1.42	.15	.13	1	6
SE L5+00E 8+50S	1	16	6	57	.2	3	4	405	1.79	2	7	ND	3	63	1	2	2	19	.53	.084	7	3	.70	71	.05	2	.86	.01	.07	1	5
SE L5+00E 8+75S	2	79	21	91	.7	22	6	475	4.80	14	5	ND	3	105	1	2	2	48	.31	.166	12	18	1.21	266	.20	3	1.44	.04	.15	1	52
SE L5+00E 9+00S	2	17	7	49	.2	2	5	401	2.91	2	5	ND	3	63	1	2	3	19	.43	.160	7	2	.61	25	.04	2	.79	.01	.03	2	4
SE L5+00E 9+25S	1	11	5	56	.2	2	4	398	2.62	2	5	ND	3	100	1	2	2	26	.65	.123	9	1	.86	39	.06	2	1.16	.01	.06	1	8
SE L6+00E 3+00N P	1	149	33	94	1.6	4	3	332	8.71	2	5	ND	1	81	1	3	2	37	.20	.099	7	2	.58	44	.07	4	1.10	.03	.07	1	7
SE L6+00E 2+75N P	1	14	4	72	.3	5	4	92	1.10	2	5	ND	1	27	1	2	2	11	.18	.092	3	2	.18	68	.07	6	.60	.03	.13	1	3
SE L6+00E 2+50N	10	60	35	77	1.1	10	5	217	8.11	4	5	ND	6	68	1	2	2	65	.16	.182	17	24	.46	156	.27	3	1.78	.03	.06	2	18
SE L6+00E 2+25N	11	41	55	42	.8	9	3	184	6.93	17	5	ND	4	113	1	2	3	220	.16	.201	12	36	.34	175	.34	2	1.42	.02	.07	2	23

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: P1-8 SOIL P9-ROCK   AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JUL 18 1987   DATE REPORT MAILED: July 31/87   ASSAYER. D. Toye. DEAN TOYE. CERTIFIED B.C. ASSAYER

WESTERN CANADIAN PROJECT-GOSSAN #9102   File # [redacted]   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
SE L5+50W 10+00S	5	119	47	130	.4	14	18	1721	17.38	74	5	ND	6	44	1	2	2	117	.11	.414	9	39	1.96	84	.29	2	2.03	.02	.16	1	56
SE L5+50W 11+00S	7	99	30	117	.4	12	6	682	6.25	23	5	ND	6	31	1	2	2	51	.09	.137	25	22	.76	105	.20	2	2.73	.04	.08	1	42
SE L5+50W 11+25S	6	94	28	104	.9	15	8	579	6.03	25	5	ND	3	36	1	2	2	63	.09	.109	17	25	.72	176	.21	3	2.77	.03	.06	1	52
SE L5+50W 11+75S	5	138	70	161	1.6	17	13	1323	12.11	81	5	ND	2	85	1	2	2	126	.20	.400	8	62	.89	132	.22	3	1.49	.02	.09	1	98
SE L5+50W 12+00S	5	154	56	173	2.3	22	8	452	11.05	77	5	ND	3	74	1	5	2	130	.12	.453	9	51	.77	128	.26	3	1.76	.03	.08	1	63
SE L5+50W 12+25S	5	279	43	204	1.4	43	16	732	12.45	117	5	ND	4	92	1	2	2	146	.22	.529	11	73	1.42	124	.25	2	2.79	.09	.14	1	77
SE L5+50W 13+00S	14	105	346	96	2.2	16	4	196	14.98	35	6	ND	5	101	1	2	2	83	.06	.659	12	75	.76	106	.10	3	.92	.08	.16	1	290
SE L5+50W 13+25S	13	73	41	60	.8	11	3	264	8.46	19	7	4	5	163	1	2	2	84	.11	.376	14	35	.86	314	.34	3	1.28	.09	.17	1	350
SE L5+50W 13+50S	5	219	16	212	.2	29	12	1158	7.23	12	5	ND	3	56	1	2	2	72	.14	.250	11	22	1.60	157	.25	2	2.56	.02	.09	1	81
SE L5+50W 13+75S	5	86	25	136	.6	17	7	707	6.39	20	5	ND	2	63	1	2	2	74	.16	.156	11	21	1.16	211	.21	2	2.36	.04	.10	1	88
SE L5+50W 14+00S	9	82	26	82	.6	13	7	565	7.43	16	5	ND	5	109	1	2	2	81	.14	.325	14	23	.86	341	.23	2	1.98	.06	.12	1	122
SE L5+50W 14+25S	9	61	19	51	.4	7	10	623	5.59	13	5	ND	9	80	1	2	2	71	.23	.181	9	13	.77	141	.28	2	1.16	.06	.09	1	350
SE L4+50W 10+00S	5	99	27	148	.9	19	8	851	7.23	36	5	ND	4	81	1	2	2	78	.17	.243	12	24	1.46	493	.32	2	2.21	.04	.13	1	105
SE L4+50W 11+00S	5	93	37	138	.4	17	8	746	6.13	34	5	ND	4	57	1	2	2	73	.21	.197	17	29	1.17	143	.28	2	2.19	.06	.10	1	110
SE L4+50W 11+25S	4	308	21	122	.7	24	19	1065	8.16	41	5	ND	2	45	1	2	2	90	.18	.222	8	43	1.14	84	.19	2	2.45	.02	.05	1	32
SE L4+50W 11+50S	7	273	22	152	1.5	45	18	1037	14.15	50	5	ND	4	54	1	2	2	118	.14	.477	9	61	1.54	122	.24	4	3.01	.02	.08	1	126
SE L4+50W 11+75S	5	162	42	156	1.9	34	6	745	8.53	50	5	ND	2	61	1	2	2	101	.16	.218	8	64	1.30	213	.20	2	3.13	.02	.09	1	130
SE L4+50W 12+25S	5	73	45	89	1.1	13	5	462	7.43	38	5	ND	2	156	1	2	2	77	.21	.279	15	36	.80	265	.23	3	1.69	.07	.08	1	265
SE L4+50W 12+50S	5	78	59	89	.5	17	7	348	11.57	44	7	ND	4	118	1	2	2	107	.27	.651	11	45	1.00	218	.14	7	1.32	.10	.14	1	65
SE L4+50W 12+75S	5	63	21	93	.7	11	5	572	6.49	21	5	ND	3	79	1	2	2	58	.17	.163	11	18	1.18	412	.18	2	2.46	.02	.11	1	89
SE L4+50W 13+00S	6	72	28	94	.9	15	6	576	6.82	37	6	ND	2	84	1	2	2	71	.15	.209	11	34	.98	297	.21	2	2.21	.04	.10	2	160
SE L4+50W 14+00S	11	210	7	113	.1	75	14	169	10.80	44	5	ND	10	20	1	2	2	81	.08	1.031	5	18	.31	101	.03	2	7.22	.01	.02	7	33
SE L4+50W 14+25S	5	48	20	99	.4	14	6	647	6.93	24	5	ND	3	83	1	2	2	73	.22	.195	11	27	1.39	245	.25	2	2.26	.03	.13	1	490
SE L4+50W 14+50S	6	51	27	71	.5	20	4	282	5.27	23	5	ND	2	84	1	4	2	73	.13	.231	12	19	.82	184	.18	2	1.96	.04	.08	1	125
SE L3+50W 10+00S	4	52	43	99	1.3	13	8	1080	4.90	25	5	ND	2	48	1	2	2	56	.20	.156	13	21	.77	160	.19	3	1.72	.04	.10	1	16
SE L3+50W 10+25S	5	98	28	129	.8	16	12	1659	5.73	31	8	ND	2	38	1	2	2	56	.12	.137	15	26	.98	171	.14	2	2.12	.03	.08	1	25
SE L3+50W 11+00S	7	269	14	141	2.5	23	16	1816	6.42	24	5	ND	3	24	1	2	3	33	.20	.123	21	38	.28	114	.11	4	3.37	.04	.07	1	12
SE L3+50W 11+25S	4	79	18	99	1.6	15	7	778	6.52	47	5	ND	1	37	1	2	2	68	.15	.143	6	21	.62	102	.16	2	1.72	.01	.08	1	32
SE L3+50W 11+50S	4	40	21	83	4.1	10	5	453	7.21	56	5	ND	1	44	1	3	2	62	.17	.216	5	18	.48	116	.08	2	1.18	.01	.08	1	45
SE L3+50W 11+75S	5	66	25	115	2.1	17	8	749	8.91	64	5	ND	2	49	1	6	2	87	.13	.200	7	40	.65	135	.11	3	1.70	.01	.07	2	54
SE L3+50W 12+00S	4	55	28	131	1.1	12	8	800	8.98	59	5	ND	2	57	1	2	2	93	.18	.238	7	36	.85	143	.19	2	1.92	.04	.07	1	15
SE L3+50W 12+25S	4	59	30	123	1.9	13	4	506	8.69	49	5	ND	1	74	1	2	2	103	.15	.194	8	42	.92	169	.20	2	2.18	.02	.08	1	78
SE L3+50W 12+50S	4	54	23	100	1.1	16	8	627	7.27	29	5	ND	1	67	1	2	2	77	.22	.174	10	34	1.00	229	.19	2	1.94	.07	.10	1	7
SE L3+50W 12+75S	10	133	24	101	.4	19	11	554	11.07	24	5	ND	7	50	1	2	2	48	.10	.439	12	29	.76	182	.16	2	2.43	.05	.07	1	44
SE L3+50W 13+25S	18	202	42	90	.7	17	24	838	15.87	17	5	ND	8	131	1	2	4	86	.14	.656	17	26	.66	313	.20	2	2.33	.07	.10	1	42
SE L3+50W 13+50S	10	115	51	79	.7	20	7	298	12.50	16	5	ND	9	58	1	2	2	65	.14	.569	9	22	.63	212	.21	2	1.42	.04	.08	1	22
STD C/AU-S	19	58	40	130	7.3	68	29	957	3.94	41	20	8	34	48	18	17	22	57	.50	.091	38	56	.91	176	.09	35	1.73	.06	.14	13	49

JUL 27 1987

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: P1-5 SOILS P6-ROCK AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JULY 13 1987 DATE REPORT MAILED: July 20/87 ASSAYER. D. Toye ..DEAN TOYE, CERTIFIED B.C. ASSAYER

WESTERN CANADIAN MINING PROJECT - GOSSAN #9102 File ~~#87-2377~~ Page 1

.1270

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
SE L5+00E 1+50N	7	54	54	77	.6	5	3	436	5.55	17	5	ND	6	103	1	4	2	36	.18	.105	12	13	.61	224	.16	7	2.17	.02	.12	1	66
SE L5+00E 1+25N	4	7	27	22	.8	4	3	147	1.60	2	5	ND	1	53	1	2	2	56	.25	.036	17	1	.25	80	.40	2	1.32	.05	.06	1	20
SE L5+00E 1+00N	12	23	28	36	.8	2	2	133	15.40	2	5	ND	9	15	1	2	6	91	.06	.056	20	12	.10	27	.81	8	2.12	.04	.04	1	9
SE L5+00E 0+75N	4	114	31	142	.8	10	5	665	5.92	5	5	ND	3	113	1	3	2	53	.32	.167	9	12	.93	212	.13	6	3.68	.01	.18	1	44
SE L5+00E 0+50N	5	73	24	411	.3	11	17	1583	8.85	2	5	ND	1	104	1	6	6	90	.72	.247	7	10	1.31	120	.35	8	2.10	.18	.13	1	10
SE L5+00E 0+25N	9	22	15	44	.9	3	4	167	12.23	2	5	ND	6	22	1	2	8	102	.15	.055	24	11	.18	43	.79	6	1.77	.06	.06	1	9
SE L5+00E 0+00N	1	1275	2	87	5.1	10	12	239	2.17	2	5	ND	1	76	1	2	2	29	.75	.131	69	1	.56	346	.18	5	2.58	.18	.11	1	1
SE L6+00E 1+00N	10	13	32	37	.6	3	3	133	4.25	6	5	ND	5	42	1	2	3	105	.13	.043	24	8	.18	63	.70	4	1.34	.04	.06	1	16
SE L6+00E 0+75N	10	17	23	43	.1	3	2	165	12.11	2	5	ND	8	17	1	4	4	63	.11	.123	18	14	.09	29	.56	8	1.84	.04	.06	1	3
SE L6+00E 0+50N	5	9	30	23	.2	4	5	172	2.21	2	5	ND	2	73	1	2	3	68	.38	.038	15	3	.39	60	.43	3	1.22	.11	.08	1	43
SE L6+00E 0+25N	7	39	30	41	.5	1	3	187	9.26	2	5	ND	4	41	1	8	2	128	.11	.044	8	7	.24	86	.42	5	2.35	.02	.06	1	12
SE L6+00E 5+00S	9	41	39	85	1.3	5	5	378	6.14	5	5	ND	1	67	1	2	5	102	.38	.075	13	8	.49	169	.40	4	1.61	.02	.10	1	10
SE L6+00E 5+25S	10	32	51	58	1.0	3	4	1077	6.07	4	5	ND	3	53	1	2	6	101	.33	.147	11	13	.32	69	.44	4	1.24	.03	.09	1	40
SE L6+00E 5+50S	9	257	82	132	.7	6	17	1436	7.55	4	5	ND	2	46	1	2	2	29	.21	.198	10	6	.74	211	.09	4	1.43	.03	.09	1	136
SE L6+00E 5+75S	4	8	16	26	1.0	6	4	185	4.68	2	5	ND	3	26	1	5	3	96	.22	.058	17	13	.31	34	.93	4	1.24	.08	.06	1	9
SE L6+00E 6+00S	9	14	18	73	2.1	5	3	239	4.85	9	5	ND	5	28	1	2	5	75	.20	.087	43	11	.18	52	.70	5	1.24	.05	.08	2	3
SE L6+00E 6+25S	5	50	24	97	.7	4	6	446	5.60	8	5	ND	2	77	1	4	2	104	.39	.061	13	11	.65	121	.33	4	2.06	.03	.14	1	5
SE L6+00E 6+50S	16	53	27	78	.2	4	5	433	8.80	5	5	ND	7	38	1	3	2	43	.17	.082	24	10	.39	46	.32	5	2.13	.03	.07	1	40
SE L6+00E 6+75S	3	212	20	98	1.0	18	11	920	5.02	6	5	ND	2	103	1	2	2	51	.70	.152	16	29	1.26	158	.37	6	1.88	.16	.14	2	16
SE L6+00E 7+00S	3	50	21	114	.3	6	9	715	4.07	8	7	ND	3	85	1	4	2	36	.61	.107	10	3	.86	229	.14	3	1.40	.03	.08	1	13
SE L6+00E 7+25S	4	74	27	143	.5	9	11	1029	4.53	11	14	ND	5	92	1	3	2	39	.71	.142	11	11	.99	191	.15	4	1.51	.02	.12	1	20
SE L6+00E 7+50S	3	81	34	224	.3	7	14	1849	4.84	6	5	ND	4	105	3	2	3	38	.83	.143	14	9	.93	292	.21	3	1.52	.06	.08	1	28
SE L6+00E 7+75S	2	42	9	75	.1	4	8	755	2.81	2	5	ND	3	97	1	2	2	29	.98	.156	11	1	.97	98	.12	3	1.30	.01	.08	1	5
SE L6+00E 8+00S	3	53	10	81	.1	5	12	875	3.95	2	5	ND	4	100	1	2	2	33	.74	.167	11	4	.85	90	.15	3	1.33	.03	.08	1	15
SE L7+00E 5+00NA	4	87	32	109	.4	9	8	569	5.37	4	5	ND	3	97	1	2	2	76	.42	.100	11	16	.84	165	.24	3	2.46	.06	.15	1	7
SE L7+00E 5+00NB	8	205	27	126	.8	12	14	681	6.81	7	5	ND	4	93	1	2	2	75	.44	.171	12	15	.93	342	.37	4	2.70	.13	.15	1	10
SE L7+00E 4+75N	6	54	36	65	.7	4	3	374	5.19	6	5	ND	2	80	1	2	2	79	.20	.116	11	16	.42	170	.33	3	2.32	.02	.12	1	165
SE L7+00E 4+50N	3	476	39	256	.2	28	29	1914	6.98	2	12	ND	13	145	1	2	3	90	.36	.200	27	46	.99	490	.83	3	3.53	.08	.13	1	4
SE L7+00E 3+75N	5	109	22	97	.3	10	11	863	5.39	4	5	ND	3	111	1	2	2	87	.47	.134	12	13	.85	180	.42	2	2.10	.10	.13	2	9
SE L7+00E 3+50N	6	85	22	101	.2	10	12	1196	5.42	2	8	ND	4	96	1	4	2	71	.51	.148	10	12	.84	167	.39	3	1.86	.12	.11	1	10
SE L7+00E 3+25N	3	60	14	109	6.8	6	5	443	4.06	2	7	ND	2	80	1	2	2	55	.34	.078	8	17	.65	85	.26	2	1.44	.03	.12	1	5
SE L7+00E 3+00N	9	60	44	76	.3	5	3	280	10.54	2	5	ND	6	48	1	2	2	68	.16	.130	14	18	.31	122	.36	4	2.26	.02	.08	2	12
SE L7+00E 2+75N	1	660	29	87	.9	3	4	100	32.09	2	5	ND	3	38	1	2	4	45	.06	.158	3	3	.18	53	.13	2	1.29	.02	.03	1	9
SE L7+00E 2+50N	8	16	22	44	.7	3	3	197	8.72	2	5	ND	10	20	1	2	2	88	.11	.077	23	12	.16	25	.90	3	2.46	.06	.06	1	6
SE L7+00E 2+25N	8	161	81	87	.9	7	5	488	13.36	2	5	ND	4	217	1	3	2	68	.18	.458	14	15	.58	360	.13	4	1.88	.02	.13	1	585
SE L7+00E 2+00N	9	35	26	68	1.1	5	4	242	7.48	2	5	ND	6	38	1	2	2	48	.20	.165	17	12	.23	62	.28	4	2.16	.05	.08	2	7
STD C/AU-S	21	63	42	135	7.3	68	29	1069	4.22	39	20	7	37	54	20	15	22	64	.52	.103	43	63	.87	180	.11	37	1.85	.07	.15	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
SE L7+00E 1+75N	3	13	22	29	.1	2	2	81	1.02	8	5	ND	2	55	1	2	2	49	.16	.022	8	8	.12	53	.06	2	1.04	.01	.03	1	8
SE L7+00E 1+50N	8	15	27	51	.4	6	4	125	5.50	12	5	ND	4	44	1	5	2	118	.16	.072	16	10	.22	124	.50	2	1.04	.04	.05	2	4
SE L7+00E 1+25N	17	57	47	76	1.0	2	4	182	20.92	25	5	ND	9	16	1	2	2	116	.02	.141	13	16	.11	36	.53	3	2.32	.02	.04	4	3
SE L7+00E 1+00N	10	21	83	63	.5	3	4	192	10.50	3	5	ND	9	15	1	7	2	81	.09	.060	30	8	.16	30	.62	2	1.49	.05	.05	1	1
SE L7+00E 0+50N	8	49	46	85	1.0	5	4	306	7.03	20	5	ND	13	67	1	4	2	34	.12	.119	19	8	.44	200	.17	2	2.89	.04	.11	2	20
SE L7+00E 0+25N	3	10	26	48	.5	5	6	143	5.35	7	5	ND	3	42	1	2	2	128	.21	.128	7	10	.30	61	.73	3	.80	.06	.08	1	1
SE L7+00E 0+00N	13	18	27	56	.4	2	3	155	9.91	4	5	ND	7	11	1	2	2	114	.06	.048	36	6	.10	37	.65	3	1.09	.04	.06	1	3
SE L7+00E 1+25S	15	20	17	70	.9	3	4	236	13.23	9	5	ND	7	13	1	5	2	70	.08	.330	18	6	.13	35	.40	6	1.19	.05	.07	3	1
SE L7+00E 1+50S	11	30	35	81	.2	6	5	194	8.79	8	5	ND	6	47	1	2	2	79	.15	.136	17	14	.29	68	.31	2	1.27	.04	.06	1	7
SE L7+00E 1+75S	4	217	25	208	.9	10	20	1301	4.87	13	5	ND	2	76	1	2	2	55	.42	.106	16	11	.98	220	.08	2	2.26	.02	.15	1	13
SE L7+00E 2+00S	8	20	24	52	.3	4	4	137	7.64	12	5	ND	4	33	1	2	2	121	.17	.090	20	11	.23	38	.49	2	1.23	.04	.06	1	1
SE L7+00E 2+25S	5	106	25	69	.8	4	4	92	8.00	10	5	ND	1	58	1	2	2	68	.22	.084	8	2	.18	88	.10	2	.96	.02	.07	1	20
SE L7+00E 2+50S	3	234	27	81	.4	6	6	195	21.51	2	5	ND	2	39	1	2	2	41	.10	.115	6	1	.32	77	.11	4	1.22	.03	.06	1	59
SE L7+00E 2+75S	3	223	21	82	.5	3	5	111	24.86	10	5	ND	3	32	1	2	2	62	.15	.176	5	1	.20	67	.24	3	.88	.02	.05	1	3
SE L7+00E 3+00S	6	17	11	42	.6	5	3	121	1.14	4	5	ND	1	45	1	2	3	38	.29	.056	6	5	.19	49	.10	4	1.09	.03	.08	2	6
SE L7+00E 3+25S	7	125	39	96	1.4	9	7	400	8.79	9	5	ND	2	53	1	2	2	56	.23	.092	9	10	.60	56	.16	2	1.69	.04	.09	1	5
SE L7+00E 3+50S	6	90	33	65	1.7	5	4	186	5.46	9	5	ND	1	34	1	2	2	52	.13	.055	8	10	.30	52	.16	2	1.36	.02	.07	1	30
SE L7+00E 3+75S	15	30	36	64	1.3	4	3	205	5.47	15	5	ND	3	48	1	2	2	76	.17	.047	24	8	.24	100	.35	6	1.30	.03	.07	1	12
SE L7+00E 4+00S	15	130	39	137	.3	8	19	871	6.59	22	5	ND	5	80	1	2	2	39	.44	.131	17	9	.69	114	.14	2	1.93	.03	.08	1	31
SE L7+00E 4+25S	21	174	80	131	.9	6	4	493	10.33	16	5	ND	3	189	1	2	2	31	.39	.261	9	5	.54	151	.06	2	1.15	.01	.10	1	270
SE L7+00E 4+50S	7	184	58	282	.9	3	8	942	6.17	17	5	ND	4	113	2	2	2	33	.22	.161	9	5	.96	136	.10	2	1.11	.02	.11	1	73
SE L7+00E 4+75S	10	70	40	98	.1	7	6	405	6.84	21	5	ND	4	65	1	2	2	57	.15	.237	10	14	.71	85	.14	2	1.41	.02	.11	2	61
SE L7+00E 5+00S	18	44	36	81	1.0	2	3	273	13.47	17	5	ND	15	10	1	5	2	61	.04	.090	23	10	.13	30	.37	3	2.06	.03	.08	1	6
SE L7+00E 5+25S	106	12	16	153	.4	5	10	521	6.99	13	5	ND	4	41	1	5	2	74	.32	.056	19	12	.44	56	.42	2	1.72	.05	.06	2	2
SE L7+00E 5+50S	25	100	41	137	1.1	5	11	1068	6.75	16	5	ND	1	51	1	2	2	29	.17	.112	9	9	.70	145	.04	2	1.29	.02	.08	2	56
SE L7+00E 5+75S	8	26	21	66	1.5	5	3	237	10.70	7	5	ND	5	18	1	3	2	107	.09	.223	18	13	.16	31	.38	4	1.84	.03	.06	3	2
SE L7+00E 6+00S	15	26	18	70	.9	2	4	385	16.91	9	5	ND	8	10	1	2	2	65	.06	.088	30	9	.09	31	.38	3	1.66	.03	.05	1	2
SE L7+00E 6+25S	4	83	18	97	.1	7	23	765	5.37	17	5	ND	2	58	1	2	2	43	.33	.093	12	14	.74	81	.09	2	1.21	.02	.10	1	20
SE L7+00E 6+50S	3	63	15	130	.2	10	15	558	5.14	17	5	ND	3	71	1	2	2	56	.58	.128	9	13	1.06	105	.19	2	1.44	.08	.15	1	43
SE L7+00E 6+75S	4	64	21	147	.1	8	12	634	4.33	17	5	ND	4	79	1	2	2	55	.48	.086	10	10	1.04	94	.11	2	1.51	.01	.16	1	7
SE L7+00E 7+00S	2	150	20	235	.4	12	20	1416	4.63	11	5	ND	4	77	1	2	2	57	.70	.155	11	11	1.24	153	.12	2	1.72	.01	.20	1	13
STD C/AU-S	19	59	43	135	7.4	73	30	997	3.99	44	20	8	35	50	19	15	22	60	.49	.097	39	56	.89	184	.09	35	1.71	.06	.13	14	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
SE L8+00E 5+00N	9	40	43	45	.1	2	3	132	6.96	16	5	ND	3	65	1	2	2	131	.12	.123	11	13	.21	120	.48	2	1.44	.02	.07	1	19
SE L8+00E 4+75N	7	17	31	32	.8	3	2	80	4.71	18	5	ND	4	49	1	2	2	82	.19	.164	29	7	.12	45	.46	2	1.02	.02	.06	2	16
SE L8+00E 4+50N	2	231	34	108	.8	4	5	361	14.94	9	5	ND	3	224	1	2	2	53	.22	.232	10	6	.48	200	.12	2	1.63	.03	.10	1	23
SE L8+00E 4+25N	3	369	44	130	.2	5	14	750	28.52	2	5	ND	4	126	1	2	2	34	.19	.172	13	3	.42	132	.14	2	1.40	.03	.11	1	29
SE L8+00E 4+00N	11	341	31	144	.1	4	524	15747	10.20	15	5	ND	11	65	1	2	8	66	.23	.071	36	19	.22	135	.43	3	1.44	.03	.08	1	24
SE L8+00E 3+75N	4	234	33	159	.7	9	17	791	5.99	12	5	ND	5	85	1	2	2	52	.49	.161	12	14	.97	195	.28	2	2.17	.14	.13	1	1
SE L8+00E 3+50N	15	27	12	92	.1	2	4	295	15.55	18	5	ND	13	13	1	7	2	45	.10	.074	29	9	.09	32	.56	2	1.90	.05	.08	1	2
SE L8+00E 3+25N	9	75	34	87	1.0	4	5	281	12.11	24	5	ND	7	43	1	2	3	87	.11	.126	13	21	.37	86	.47	2	2.11	.03	.10	1	21
SE L8+00E 3+00N	7	31	32	45	.1	2	3	164	9.20	14	5	ND	4	42	1	3	2	111	.12	.104	12	11	.23	82	.32	2	1.73	.02	.07	1	10
SE L8+00E 2+75N	4	155	25	64	.2	4	4	227	9.02	13	5	ND	2	53	1	2	2	60	.24	.072	8	7	.42	43	.26	2	1.44	.06	.06	1	2
SE L8+00E 2+50N	12	55	15	135	.1	2	2	288	9.77	21	5	ND	10	80	1	5	2	43	.55	.082	34	11	.09	28	.35	2	1.39	.04	.08	1	1
SE L8+00E 2+25N	8	66	32	69	.8	6	4	296	7.59	16	5	ND	4	53	1	2	2	61	.15	.099	11	15	.42	93	.22	2	1.68	.03	.07	1	115
SE L8+00E 2+00N	12	77	35	88	.6	4	5	619	13.86	16	5	ND	6	46	1	2	2	76	.17	.162	14	16	.40	99	.37	3	1.94	.02	.10	1	26
SE L8+00E 1+75N	9	21	28	53	1.0	3	3	307	10.63	17	5	ND	6	29	1	2	2	89	.13	.199	28	12	.16	62	.40	6	1.28	.04	.07	2	5
SE L8+00E 1+50N	9	31	35	59	.2	2	3	203	8.80	15	5	ND	4	39	1	2	2	85	.11	.130	14	11	.25	93	.33	4	1.71	.02	.05	1	7
SE L8+00E 1+25N	14	91	31	91	.2	5	5	370	10.02	21	5	ND	5	51	1	2	2	108	.16	.154	15	14	.40	108	.49	7	1.69	.03	.08	1	10
SE L8+00E 1+00N	16	17	21	62	.3	3	4	200	12.75	21	5	ND	6	21	1	5	2	107	.11	.108	26	9	.18	42	.81	6	1.14	.06	.05	1	1
SE L8+00E 0+75N	10	52	27	67	.3	3	4	149	22.46	18	5	ND	17	18	1	3	2	52	.06	.164	10	24	.14	38	.38	2	3.71	.04	.05	2	2
SE L8+00E 0+50N	16	290	59	492	.2	12	27	2024	6.52	11	5	ND	2	88	1	2	2	50	.32	.114	18	10	.73	569	.09	2	2.95	.04	.18	1	24
SE L8+00E 0+25N	21	37	43	61	.4	3	4	163	7.22	18	5	ND	4	60	1	2	2	126	.16	.100	15	13	.25	92	.58	2	1.80	.04	.07	1	23
SE L8+00E 0+00N	13	45	24	68	1.7	3	3	185	9.40	16	5	ND	11	36	1	2	3	67	.17	.080	16	16	.23	79	.48	7	2.44	.04	.07	1	14
STD C/AU-S	22	58	41	139	6.8	67	31	1065	4.13	41	19	8	37	53	20	16	21	63	.52	.095	39	59	.95	189	.11	34	1.88	.06	.17	13	46
SE L8+00E 0+25S	11	37	31	74	1.1	5	5	235	10.27	20	5	ND	8	50	1	2	2	91	.21	.133	15	16	.48	105	.49	2	2.27	.05	.10	1	1
SE L8+00E 0+50S	14	30	26	60	.4	3	3	181	11.05	14	5	ND	8	26	1	2	2	79	.08	.087	20	10	.20	54	.56	6	1.98	.03	.07	1	2
SE L8+00E 0+75S	10	42	31	67	.3	3	3	168	10.87	17	5	ND	7	39	1	2	2	69	.14	.190	16	15	.12	60	.39	2	1.71	.02	.05	1	4
SE L8+00E 1+00S	5	52	29	114	.6	6	7	529	8.08	18	5	ND	5	71	1	2	2	74	.28	.095	11	13	.87	145	.30	2	2.33	.02	.17	1	2
SE L8+00E 1+25S	7	43	11	66	2.3	3	6	355	5.50	12	5	ND	3	21	1	2	2	44	.13	.090	28	14	.23	70	.31	2	2.29	.06	.09	1	1
SE L8+00E 1+50S	6	33	19	84	.8	5	6	313	8.88	16	5	ND	5	40	1	2	2	95	.17	.110	16	11	.45	63	.40	3	1.72	.02	.08	1	2
SE L8+00E 1+75S	9	31	22	70	.9	3	5	265	9.60	19	5	ND	5	27	1	2	2	108	.10	.129	16	11	.45	53	.42	2	1.88	.03	.07	1	3
SE L8+00E 2+00S	6	60	26	79	.1	4	4	230	10.10	20	5	ND	5	32	1	3	2	69	.08	.194	8	21	.39	90	.24	2	3.03	.02	.07	1	37
SE L8+00E 2+25S	7	58	51	64	.4	6	4	244	9.48	16	5	ND	3	81	1	3	2	61	.13	.282	14	11	.28	93	.22	2	1.71	.02	.07	1	350
SE L8+00E 2+50S	7	85	54	73	.2	3	3	241	9.14	16	5	ND	3	65	1	2	2	57	.28	.239	10	10	.36	93	.18	2	1.34	.01	.06	2	5
SE L8+00E 2+75S	8	126	26	84	1.1	4	4	192	10.22	9	5	ND	3	49	1	2	2	65	.14	.123	12	7	.33	151	.22	2	1.80	.02	.07	1	18
SE L8+00E 3+00S	4	39	21	43	.8	2	3	220	9.41	13	5	ND	2	39	1	3	2	181	.18	.109	4	6	.47	43	.65	2	1.65	.02	.07	1	3
SE L8+00E 3+25S	10	256	46	108	.3	5	11	703	9.90	9	5	ND	5	58	1	2	2	48	.18	.081	13	13	.55	69	.19	2	2.17	.02	.08	1	20
SE L8+00E 3+50S	4	252	11	72	1.3	4	2	222	1.86	6	5	ND	1	42	1	2	2	29	.24	.101	26	9	.33	58	.10	2	2.95	.01	.05	1	7
SE L8+00E 3+75S	13	35	20	76	.1	2	3	291	9.93	24	5	ND	17	12	1	2	2	43	.05	.092	25	8	.10	28	.37	2	1.98	.04	.06	1	1

WESTERN CANADIAN MINING PROJECT - GOSSAN #9102 FILE # 87-2377

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
SE L8+00E 4+00S	8	69	38	66	.4	5	4	271	4.31	8	5	ND	3	81	1	2	2	83	.33	.090	9	5	.33	122	.33	4	.92	.03	.09	1	49
SE L8+00E 4+25S	9	140	52	103	.7	7	9	542	6.64	7	5	ND	4	101	1	2	2	41	.44	.116	11	8	.88	249	.21	5	1.41	.12	.12	1	330
SE L8+00E 4+50S	10	50	31	66	.6	5	4	252	10.23	12	5	ND	5	52	1	2	2	121	.15	.408	13	13	.38	97	.30	7	1.87	.03	.08	1	46
SE L8+00E 4+75S	7	26	24	62	.3	6	7	342	3.84	9	5	ND	3	50	1	2	2	72	.27	.085	21	15	.45	63	.49	6	1.27	.08	.12	1	9
SE L8+00E 5+00S	10	62	8	105	.5	9	8	456	7.28	5	5	ND	8	36	1	2	2	91	.25	.115	28	41	.69	59	.49	5	2.10	.06	.13	1	1
SE L8+00E 5+25S	6	116	35	96	.2	8	10	599	7.55	16	5	ND	2	58	1	2	2	42	.34	.126	9	19	.88	70	.10	6	1.28	.02	.13	1	21
SE L8+00E 5+50S	3	39	24	99	.1	11	15	659	6.03	15	5	ND	3	87	1	2	2	59	.74	.116	7	15	1.05	66	.27	5	1.41	.12	.12	1	11
SE L8+00E 5+75S	3	36	11	90	.2	14	13	535	5.76	8	5	ND	4	98	1	2	2	74	.80	.102	9	21	1.37	69	.42	4	1.75	.19	.20	1	13
SE L8+00E 6+25S	4	138	26	198	.4	16	22	1400	5.24	20	5	ND	5	93	1	2	2	63	.74	.149	12	19	1.36	195	.18	4	1.95	.01	.29	1	19
SE L8+00E 6+50S	3	53	15	88	.1	8	10	551	4.74	16	5	ND	3	75	1	2	2	49	.61	.128	8	14	.97	78	.20	4	1.28	.06	.17	1	38
SE L8+00E 6+75S	2	52	12	130	.3	8	14	1062	3.41	5	5	ND	5	140	1	2	2	41	.98	.136	12	6	1.10	172	.12	4	1.71	.01	.16	1	1
SE L9+00E 5+00N	7	63	32	80	.3	6	4	529	5.96	12	5	ND	2	73	1	2	3	60	.33	.147	8	22	.47	158	.19	9	1.29	.02	.09	1	8
SE L9+00E 4+75N	6	34	23	47	.1	7	6	208	3.91	10	5	ND	2	69	1	2	2	89	.36	.077	9	11	.44	116	.41	4	1.14	.09	.09	1	2
SE L9+00E 4+50N	9	366	53	131	2.6	2	3	280	10.14	10	7	ND	2	170	1	2	2	40	.29	.162	17	11	.41	99	.05	7	1.51	.02	.12	2	9
SE L9+00E 4+25N	7	241	28	120	.8	5	6	716	7.87	7	5	ND	2	164	1	2	3	86	.43	.105	21	11	.38	71	.38	6	1.50	.07	.10	1	6
SE L9+00E 4+00N	9	351	27	97	.1	4	5	519	5.93	20	5	ND	2	60	1	2	5	60	.37	.067	58	14	.27	40	.30	5	1.73	.05	.11	1	17
SE L9+00E 3+75N	12	35	13	56	.3	4	5	217	12.05	2	5	ND	5	40	1	2	2	104	.21	.107	16	12	.33	44	.57	6	1.76	.06	.08	1	1
SE L9+00E 3+50N	6	119	15	177	.1	9	22	1659	5.19	10	5	ND	3	82	1	2	2	61	.44	.142	13	15	1.05	120	.16	4	2.73	.02	.22	1	11
SE L9+00E 3+25N	6	134	20	115	.6	6	8	496	6.07	13	5	ND	6	91	1	2	2	78	.43	.090	12	13	.83	105	.30	4	2.33	.05	.18	1	19
SE L9+00E 3+00N	8	44	29	77	.1	4	7	1732	7.81	9	5	ND	4	54	1	2	2	116	.26	.164	12	13	.44	109	.45	5	1.66	.05	.12	1	14
SE L9+00E 2+75N	7	31	25	76	.7	5	5	180	7.78	7	5	ND	4	49	1	2	2	170	.24	.083	7	14	.34	74	.76	4	1.63	.06	.08	1	2
SE L9+00E 2+50N	8	74	42	90	.5	7	6	615	6.09	14	5	ND	2	96	1	2	2	62	.28	.217	11	17	.69	298	.18	4	1.38	.06	.13	1	36
SE L9+00E 2+25N	10	86	43	89	.9	6	5	357	7.70	16	5	ND	3	80	1	2	2	65	.24	.131	10	15	.58	243	.21	4	1.92	.04	.10	2	27
SE L9+00E 2+00N	13	33	15	65	.4	4	4	274	8.70	15	5	ND	5	34	1	2	6	87	.19	.076	27	12	.21	67	.46	5	1.39	.05	.09	1	1
SE L9+00E 1+75N	7	84	30	88	.2	6	5	293	5.37	14	5	ND	2	74	1	2	2	76	.46	.089	8	15	.38	121	.24	3	.99	.02	.09	1	29
SE L9+00E 1+50N	14	39	13	83	.5	8	8	749	9.61	13	5	ND	6	36	1	7	4	65	.27	.080	41	15	.38	74	.39	5	1.70	.09	.09	2	3
SE L9+00E 1+25N	7	191	10	46	1.6	5	5	174	4.46	10	8	ND	2	23	1	3	4	32	.17	.189	30	17	.24	50	.13	3	3.65	.05	.09	1	1
SE L9+00E 1+00N	12	26	19	62	.4	3	3	203	9.10	14	5	ND	5	28	1	2	4	126	.11	.097	21	11	.18	51	.70	4	1.29	.04	.06	1	1
SE L9+00E 0+75N	10	34	32	62	.5	3	4	199	10.38	11	5	ND	5	59	1	5	2	80	.17	.138	14	12	.32	117	.34	3	1.54	.05	.04	1	4
SE L9+00E 0+50N	3	50	14	114	.2	18	22	2388	4.53	15	5	ND	5	359	1	2	2	78	3.18	.114	17	19	1.07	137	.18	2	4.15	.06	.23	1	2
SE L9+00E 0+25N	6	40	42	81	.3	4	4	430	5.06	15	5	ND	3	104	1	2	2	51	.29	.172	9	13	.71	198	.13	2	1.53	.03	.13	1	156
SE L9+00E 0+00N	7	24	53	51	.3	2	2	143	3.13	14	5	ND	2	90	1	2	3	77	.19	.179	11	3	.21	107	.17	2	1.17	.01	.07	1	18
SE L9+00E 0+25S	11	61	13	82	.6	1	3	234	10.22	10	5	ND	12	25	1	3	8	37	.10	.095	29	9	.12	44	.35	3	3.57	.05	.08	5	4
SE L9+00E 0+50S	13	36	22	83	.5	3	3	445	11.34	7	5	ND	8	27	1	2	3	34	.12	.112	25	14	.21	69	.23	3	2.26	.04	.06	1	21
SE L9+00E 0+75S	6	58	144	130	.7	5	5	559	5.14	18	5	ND	3	206	1	2	2	44	.24	.197	15	10	.78	402	.14	2	1.52	.06	.13	1	19
SE L9+00E 1+00S	6	64	81	119	1.1	4	4	440	4.56	18	6	ND	3	156	1	2	2	34	.20	.233	13	6	.63	274	.11	2	1.13	.03	.10	1	82
STD C/AU-S	20	61	38	135	7.2	69	30	1003	4.02	37	17	7	36	52	18	15	19	60	.50	.094	40	61	.90	174	.09	36	1.77	.06	.15	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
SE L9+00E 1+25S	7	166	53	176	.6	6	17	1395	5.48	15	5	ND	1	119	1	2	2	39	.28	.173	14	12	.77	396	.11	2	1.67	.03	.12	2	25
SE L9+00E 1+50S	7	49	107	80	.3	4	2	318	6.29	16	8	ND	3	161	1	2	2	49	.09	.228	16	14	.49	232	.10	2	1.52	.03	.10	1	58
SE L9+00E 1+75S	6	38	104	77	1.0	3	3	303	6.34	20	5	ND	3	127	1	2	3	63	.09	.284	16	9	.45	216	.14	2	1.64	.03	.06	3	26
SE L9+00E 2+00S	5	79	51	117	.1	6	6	635	6.35	12	5	ND	1	136	1	2	3	44	.36	.174	11	14	.77	133	.11	2	1.54	.01	.10	1	280
SE L9+00E 2+25S	7	108	71	117	.1	7	8	911	8.02	16	5	ND	2	165	1	2	2	43	.29	.230	13	13	.69	227	.11	3	1.50	.02	.13	1	35
SE L9+00E 2+50S	6	105	71	122	.7	6	6	539	6.74	15	6	ND	3	166	1	2	2	44	.26	.189	14	12	.75	228	.12	3	1.70	.03	.10	1	29
SE L9+00E 2+75S	8	215	28	98	1.4	2	3	161	8.27	6	7	ND	3	66	1	2	2	52	.21	.124	14	9	.31	50	.22	4	1.96	.01	.04	1	6
SE L9+00E 3+50S	17	242	56	214	.1	9	7	370	5.56	6	5	ND	3	92	1	2	2	59	.38	.092	13	21	.78	95	.15	2	2.36	.02	.09	1	18
SE L9+00E 3+75S	5	51	32	136	.9	5	20	1736	3.30	2	5	ND	1	121	1	2	2	39	.56	.068	13	12	.62	179	.33	2	1.64	.04	.10	2	83
SE L9+00E 4+00S	14	133	70	131	1.4	5	6	726	7.85	16	5	ND	2	122	1	2	2	42	.21	.172	12	13	.68	149	.11	2	1.89	.02	.08	1	79
SE L9+00E 4+25S	10	63	34	88	1.2	4	4	356	4.85	11	5	ND	2	64	1	3	2	47	.14	.112	12	12	.54	144	.13	2	1.52	.03	.07	2	58
SE L9+00E 4+50S	9	121	28	133	.1	11	12	771	6.68	13	5	ND	4	108	1	2	2	71	.66	.167	12	16	1.16	117	.40	2	2.02	.21	.17	1	49
SE L9+00E 4+75S	5	131	23	165	.1	16	16	824	5.44	13	9	ND	4	83	1	2	2	62	.41	.161	14	32	1.23	152	.18	2	2.10	.02	.19	1	10
SE L9+00E 5+00S	3	63	19	109	.3	8	8	605	4.34	15	5	ND	3	87	1	2	2	46	.41	.134	11	18	.89	152	.14	2	1.29	.01	.14	1	70
SE L9+00E 5+25S	4	128	24	200	.2	13	24	1242	6.13	19	5	ND	3	95	1	2	2	58	.51	.157	11	15	1.30	132	.14	3	1.90	.01	.15	2	16
SE L9+00E 5+50S	2	36	5	330	.1	11	11	654	4.18	7	5	ND	2	94	2	2	2	55	.70	.104	9	24	1.32	99	.25	5	1.62	.13	.15	1	11
SE L9+00E 5+75S	4	73	26	124	.2	12	10	685	5.28	18	5	ND	3	85	1	2	2	60	.48	.134	11	22	1.21	149	.18	4	1.75	.02	.20	2	16
SE L9+00E 6+00S	3	48	12	98	.7	11	11	602	4.91	7	5	ND	1	78	1	2	2	57	.56	.090	8	16	1.09	113	.23	3	1.47	.11	.16	1	8
SE L9+00E 6+75S	7	51	25	107	.6	10	23	916	7.68	17	5	ND	5	83	1	2	3	37	.57	.178	9	10	.96	109	.11	4	1.24	.01	.08	1	14
SE L9+00E 7+00S	5	78	6	88	.4	9	15	715	4.21	10	5	ND	4	79	1	2	2	31	.59	.119	8	13	.98	68	.10	2	1.18	.02	.08	1	2
SE L9+00E 7+25S	2	49	13	103	.3	9	14	811	3.12	7	8	ND	4	104	1	2	2	32	.79	.142	10	7	.79	76	.09	3	1.19	.01	.07	1	5
SE L9+00E 7+50S	2	45	7	122	.3	8	14	897	3.11	9	5	ND	3	125	1	2	2	37	.87	.131	11	7	1.00	159	.11	2	1.56	.01	.10	2	9
SE L9+00E 7+75S	2	54	10	157	.3	9	16	1198	3.55	6	5	ND	4	121	1	2	2	38	.94	.139	12	9	1.01	163	.12	2	1.55	.01	.10	1	2
SE L9+00E 8+00S	3	45	4	182	.2	11	14	1289	3.54	9	5	ND	3	109	1	2	2	36	.91	.113	8	13	1.16	130	.10	3	1.57	.01	.09	2	1
SE L9+00E 8+25S	5	50	18	221	.4	10	16	1032	3.24	5	5	ND	4	120	1	2	2	36	.82	.126	10	9	1.01	151	.11	3	1.57	.01	.12	1	11
SE L9+00E 8+50S	6	57	79	241	.5	10	29	1834	5.72	9	5	ND	4	79	2	2	2	29	.60	.153	10	8	1.07	167	.09	3	1.46	.01	.06	1	3
SE L9+00E 8+75S	1	44	14	132	.3	8	14	1020	3.26	4	5	ND	4	118	1	2	2	35	.87	.122	11	9	.97	198	.10	4	1.55	.01	.14	2	3
SE L9+00E 9+00S	1	50	9	139	.3	8	14	1043	3.05	6	8	ND	4	127	1	2	2	38	.87	.122	11	9	.99	164	.11	4	1.63	.01	.13	2	6
SE L9+00E 9+25S	1	66	17	138	.3	8	14	1016	3.27	3	5	ND	5	116	1	2	2	36	.79	.134	11	5	.93	123	.10	3	1.49	.01	.10	1	7
SE L9+00E 9+50S	1	47	9	117	.2	7	13	896	3.07	2	5	ND	3	121	1	2	2	37	.87	.124	10	6	.95	173	.12	3	1.54	.02	.12	1	6
SE L9+00E 9+75S	2	50	7	93	.4	7	18	733	3.52	11	5	ND	4	83	1	2	2	27	.67	.136	10	3	.71	70	.09	5	.99	.01	.06	2	4
SE L9+00E 10+00S	3	74	16	109	.3	9	21	1131	5.68	8	6	ND	4	96	1	2	2	33	.70	.174	10	5	.89	72	.10	5	1.26	.01	.07	2	4
STD C/AU-S	20	56	40	132	7.6	69	29	969	4.04	42	17	8	34	49	18	15	20	58	.50	.093	39	60	.92	180	.09	36	1.77	.06	.15	14	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
SE L5+50W 4+75S	4	37	36	80	1.1	11	6	668	7.04	51	5	ND	4	101	1	2	4	106	.25	.188	15	24	1.19	192	.43	2	2.12	.10	.11	1	225
SE L5+50W 5+00S	7	71	42	82	1.0	11	5	663	10.48	40	5	ND	6	44	1	2	2	83	.14	.189	16	27	.99	142	.35	11	2.12	.06	.07	3	116
SE L5+50W 5+25S	6	100	47	109	1.2	21	12	830	9.27	39	5	ND	6	73	1	2	2	84	.38	.233	13	25	1.32	147	.41	2	2.40	.17	.12	1	81
SE L5+50W 5+75S	5	73	38	96	3.4	15	5	745	8.82	43	5	ND	5	79	1	2	2	89	.15	.295	13	21	1.12	196	.31	2	2.07	.05	.08	1	560
SE L5+50W 6+00S	7	61	35	83	1.1	12	9	1060	8.70	42	5	ND	4	41	1	2	2	51	.09	.200	18	16	.65	111	.17	2	3.72	.04	.06	5	93
SE L5+50W 6+25S	6	76	27	84	1.2	18	8	572	10.45	40	5	ND	5	74	1	2	2	70	.18	.330	11	18	.96	152	.22	4	2.71	.08	.07	1	118
SE L5+50W 6+50S	16	175	77	88	1.1	24	10	581	12.01	36	5	ND	3	109	1	2	2	78	.27	.483	12	30	1.01	117	.24	8	2.29	.11	.08	1	50
SE L5+50W 7+00S	5	88	15	75	.5	9	12	926	7.04	10	6	ND	3	52	1	2	2	94	.49	.262	4	3	2.61	68	.25	2	3.30	.03	.56	4	13
SE L5+50W 7+25S	10	112	34	94	.9	22	10	703	16.00	33	5	ND	5	69	1	2	2	91	.17	.567	6	31	1.47	101	.23	2	1.96	.05	.10	2	34
SE L5+50W 7+75S	7	53	34	102	.8	11	7	849	9.37	27	5	ND	4	127	1	2	2	80	.18	.273	11	26	1.50	286	.25	5	3.40	.05	.08	1	35
SE L4+50W 5+00S	4	33	27	64	.5	9	3	385	5.35	20	5	ND	1	57	1	2	2	58	.15	.143	9	19	.66	134	.16	2	1.97	.03	.07	2	24
SE L4+50W 5+25S	8	78	40	100	1.1	27	11	738	8.72	39	5	ND	5	100	1	2	2	62	.23	.259	12	31	1.21	197	.25	2	2.59	.06	.11	4	56
SE L4+50W 5+50S	4	106	70	131	1.4	17	10	767	12.71	54	5	ND	4	72	1	2	2	103	.17	.280	7	22	1.16	122	.41	2	1.99	.05	.07	1	73
SE L4+50W 5+75S	6	203	61	163	1.3.	29	14	806	16.41	45	5	ND	5	44	1	2	2	76	.10	.401	6	31	1.01	90	.27	2	2.05	.04	.07	3	77
SE L4+50W 6+00S	6	207	43	173	1.4	28	18	1061	11.04	42	5	ND	5	67	1	2	5	71	.15	.388	12	17	1.21	136	.27	3	2.94	.07	.08	1	78
SE L4+50W 6+25S	9	217	48	212	.7	27	36	1466	13.94	42	5	ND	4	116	1	2	2	81	.22	.458	12	9	1.03	122	.23	3	3.07	.07	.07	2	33
SE L4+50W 6+50S	9	214	41	221	1.0	26	44	1567	13.00	39	5	ND	5	167	1	2	2	71	.24	.494	18	4	.71	112	.26	2	3.20	.05	.04	2	68
SE L4+50W 6+75S	6	289	35	268	.9	23	20	1249	11.90	38	5	ND	4	110	1	2	3	53	.10	.278	15	4	1.26	177	.21	2	3.57	.04	.08	3	43
SE L4+50W 7+00S	6	52	28	85	1.0	11	6	613	7.13	23	5	ND	2	95	1	2	2	65	.19	.183	10	19	1.04	193	.18	2	2.60	.05	.07	3	87
STD C/AU-S	19	58	44	132	7.4	70	28	1053	4.02	40	22	7	36	50	18	18	18	57	.48	.088	36	59	.90	178	.08	33	1.89	.07	.14	13	49

SAMPLE#	MO	CU	PB	ZN	AG	NI	CO	MN	FE	AS	U	AU	TH	SR	CD	SB	BI	V	CA	P	LA	CR	MG	BA	TI	B	AL	NA	K	W	AU*
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
SE L7+50W 0+75S	3	51	33	94	.8	9	6	585	5.74	21	5	ND	4	57	1	2	3	47	.13	.156	14	13	.80	183	.20	4	1.23	.04	.08	1	49
SE L7+50W 1+50S	5	56	41	153	.8	23	10	649	5.47	12	5	ND	9	44	1	2	3	61	.21	.138	31	29	.93	130	.31	2	2.58	.15	.16	1	46
SE L7+50W 2+00S	5	57	45	99	1.2	13	8	751	6.31	16	5	ND	6	92	1	4	3	77	.32	.196	20	25	1.23	193	.37	3	1.77	.13	.13	1	84
SE L7+50W 2+25S	4	48	47	101	1.4	13	6	687	6.87	17	5	ND	8	95	1	2	2	84	.23	.185	26	25	1.11	202	.40	2	1.97	.11	.13	1	55
SE L7+50W 2+50S	5	46	43	79	2.2	10	4	446	7.22	20	5	ND	4	53	1	2	3	72	.09	.150	26	29	.65	117	.22	5	3.09	.04	.08	1	54
SE L7+50W 2+75S	5	50	62	97	1.6	11	6	681	9.90	20	5	ND	4	71	1	2	2	110	.17	.292	17	32	.99	229	.32	2	1.91	.07	.12	1	61
SE L7+50W 3+00S	4	71	85	98	1.6	18	10	855	8.13	33	5	ND	7	119	1	2	2	96	.24	.285	21	34	1.05	227	.37	2	1.97	.11	.15	2	66
SE L7+50W 3+25S	3	42	39	85	1.0	13	5	681	6.31	21	5	ND	4	82	1	2	2	104	.22	.158	18	51	1.14	201	.34	2	2.37	.08	.09	1	37
SE L7+50W 3+50S	5	65	57	113	1.4	15	7	970	7.31	26	5	ND	3	63	1	2	2	104	.11	.237	18	42	1.19	246	.29	2	2.79	.04	.09	1	42
SE L7+50W 3+75S	6	88	109	163	1.2	26	15	1245	9.40	41	5	ND	6	86	1	2	2	96	.45	.245	17	43	1.70	191	.41	2	2.63	.22	.15	1	150
SE L7+50W 4+75S	7	260	43	209	.3	34	25	2010	10.82	10	5	ND	7	54	1	2	2	94	.14	.341	17	21	1.57	146	.30	2	3.03	.05	.09	3	225
SE L7+50W 5+75S	8	78	29	144	.7	25	10	1084	9.62	13	5	ND	8	57	1	2	2	77	.18	.225	22	27	1.13	121	.30	2	3.28	.09	.11	1	44
SE L7+50W 6+00S	11	268	39	149	.2	37	13	1152	17.17	6	9	ND	6	67	1	2	2	127	.18	.500	14	28	1.20	155	.24	2	3.43	.08	.09	1	67
SE L6+50W 0+50S	4	74	37	110	.8	22	13	733	10.78	19	5	ND	6	170	1	2	2	116	.47	.329	17	37	1.33	114	.46	6	2.51	.20	.18	1	59
SE L6+50W 1+00S	6	80	36	132	.5	22	9	936	8.90	28	5	ND	8	68	1	2	2	84	.22	.229	20	36	1.35	167	.38	7	2.33	.09	.12	2	46
SE L6+50W 1+25S	6	51	42	113	.4	16	8	653	7.02	19	5	ND	7	63	1	2	2	71	.35	.140	19	29	1.21	136	.37	7	2.15	.16	.12	5	48
SE L6+50W 1+50S	4	26	33	53	.6	6	2	262	5.58	12	5	ND	2	17	1	2	3	45	.07	.069	16	22	.28	49	.16	9	2.62	.03	.05	1	10
SE L6+50W 1+75S	6	28	40	89	.1	13	4	513	7.20	20	5	ND	4	27	1	2	2	71	.10	.104	21	33	.65	71	.28	2	2.45	.05	.09	1	23
STD C/AU-S	20	61	40	135	7.7	73	29	1076	4.13	39	18	8	39	52	18	17	24	60	.49	.094	38	63	.93	182	.08	35	1.86	.08	.15	14	52
SE L6+50W 2+00S	3	113	82	202	2.1	27	13	1283	15.43	99	5	ND	6	74	1	2	2	122	.20	.392	15	61	1.83	148	.22	2	2.15	.09	.12	1	94
SE L6+50W 2+25S	5	119	56	170	1.0	27	11	977	8.18	34	5	ND	5	76	1	2	2	81	.23	.250	17	34	1.27	268	.30	2	2.59	.08	.10	1	185
SE L6+50W 2+50S	6	112	29	199	1.1	38	13	1133	8.25	21	5	ND	8	44	1	2	2	64	.14	.178	23	33	1.25	110	.27	10	3.30	.06	.09	1	66
SE L6+50W 2+75S	6	133	58	178	.7	27	7	825	8.77	14	5	ND	5	53	1	2	2	73	.12	.199	15	33	1.27	196	.24	2	3.21	.03	.07	1	57
SE L6+50W 3+00S	1	134	12	179	.4	82	10	599	8.14	20	5	ND	4	66	1	2	2	124	.20	.208	10	32	1.85	272	.47	2	5.55	.08	.06	1	43
SE L6+50W 3+50S	5	118	80	168	1.3	23	7	1016	9.07	38	5	ND	5	95	1	2	3	90	.14	.278	15	35	1.57	333	.38	4	2.43	.07	.14	1	275
SE L6+50W 4+75S	4	47	49	68	1.9	7	4	717	11.14	42	5	ND	5	73	1	2	2	152	.13	.171	16	22	.75	133	.43	6	2.71	.04	.07	1	635
SE L6+50W 5+00S	5	100	36	101	.8	13	4	515	6.64	15	5	ND	3	30	1	2	3	75	.08	.197	16	22	.76	79	.25	2	2.76	.04	.06	1	49
SE L6+50W 5+50S	9	96	41	89	2.5	21	11	648	11.38	50	7	ND	6	146	1	2	2	97	.39	.463	19	20	1.12	260	.25	7	1.72	.20	.13	3	585
SE L6+50W 5+75S	5	100	37	93	1.2	16	12	874	13.11	42	5	ND	6	70	1	2	2	91	.25	.529	10	22	1.15	189	.25	2	1.83	.09	.10	1	650
SE L6+50W 6+00S	9	72	38	92	.6	19	7	585	14.00	46	5	ND	6	94	1	3	2	93	.26	.682	9	20	1.02	176	.23	5	1.74	.11	.09	3	165
SE L5+50W 4+50S	6	56	35	90	1.1	13	6	816	9.25	48	5	ND	7	109	1	2	2	121	.18	.360	19	30	1.36	273	.38	2	2.74	.08	.12	1	295

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: P1-SOIL P2-ROCK   AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: AUG 29 1987   DATE REPORT MAILED: Sept 8/87   ASSAYER. D. Toye ..DEAN TOYE, CERTIFIED B.C. ASSAYER

WESTERN CANADIAN MINING PROJECT-GOSSAN #9102   File # 87-3747   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
WR 1260 0+00	6	123	46	101	.9	8	33	1317	7.35	11	5	ND	5	79	1	3	2	52	.57	.150	7	3	.99	144	.13	20	1.97	.10	.18	1	230
WR 1260 0+50	5	85	32	110	.4	9	21	1034	4.19	9	5	ND	4	94	1	2	2	42	.77	.108	6	7	.93	156	.12	2	1.62	.10	.17	2	18
WR 1260 1+00	10	51	36	178	.5	35	44	1973	7.38	14	5	ND	2	56	1	2	2	96	.28	.156	5	46	2.16	310	.21	2	3.63	.04	.53	2	220
WR 1260 1+50	16	55	36	154	.8	34	50	2289	6.96	16	5	ND	3	93	1	2	2	78	.37	.153	5	31	1.78	601	.14	2	2.99	.04	.35	2	53
WR 1260 2+00	6	152	49	222	.1	21	22	1705	6.48	22	5	ND	2	61	1	3	2	85	.27	.117	9	20	1.55	200	.13	2	3.30	.03	.28	1	42
WR 1260 2+50	4	132	52	232	.6	15	24	2523	5.79	28	5	ND	1	23	1	2	2	95	.12	.076	9	19	1.49	67	.12	2	3.48	.03	.13	2	21
WR 1260 3+00	5	137	63	271	.7	24	26	1923	6.56	31	5	ND	1	26	1	2	2	99	.17	.083	11	24	1.59	104	.15	2	4.32	.03	.16	1	11
WR 1260 3+50	9	85	48	171	.7	13	24	2716	5.64	32	5	ND	1	22	1	2	2	79	.10	.077	10	22	.95	50	.12	2	4.12	.02	.07	1	109
WR 1260 4+00	6	82	41	175	.4	18	21	1840	5.62	18	5	ND	1	26	1	2	2	96	.13	.081	9	22	1.19	80	.12	2	3.69	.02	.09	1	21
WR 1260 4+50	8	130	47	224	.5	19	16	1673	4.93	29	5	ND	1	37	1	2	2	73	.20	.128	8	19	1.16	106	.10	2	3.47	.04	.12	1	10
WR 1260 5+00	15	121	23	140	.4	33	27	1535	8.20	13	5	ND	2	101	1	2	2	111	.30	.155	5	34	2.45	312	.26	2	4.86	.05	.64	1	79
WR 1260 5+50	12	57	19	104	.1	37	21	1130	6.81	9	5	ND	1	52	1	2	2	86	.19	.122	5	59	1.46	126	.15	2	5.73	.03	.12	1	32
WR 1260 6+00	12	71	30	132	.9	30	32	1915	6.60	20	5	ND	2	68	1	2	2	92	.29	.154	8	29	1.48	144	.26	2	4.40	.09	.19	2	23
WR 1260 6+50	6	69	40	156	1.5	25	22	1446	5.97	23	5	ND	1	42	1	2	2	73	.21	.108	8	24	1.31	99	.11	2	5.02	.03	.09	1	22
WR 1260 7+00	8	147	69	219	1.2	32	35	1872	7.86	31	5	ND	2	42	1	2	2	91	.27	.174	8	26	2.26	120	.24	2	4.88	.07	.46	1	12
WR 1260 7+50	8	49	44	166	1.0	17	10	1226	8.24	20	5	ND	2	27	1	2	2	82	.08	.106	11	29	.97	81	.15	2	3.08	.03	.06	2	36
WR 1260 8+00	6	98	44	180	2.1	16	20	1730	6.19	28	5	ND	2	28	1	2	2	72	.11	.120	12	25	1.13	78	.15	3	4.12	.03	.11	1	38
WR 1260 8+50	10	130	19	112	.5	14	28	2359	5.50	13	5	ND	1	60	1	2	2	84	.40	.188	7	10	1.05	239	.03	4	1.83	.03	.18	1	8
WR 1260 9+00	4	29	21	57	.5	6	4	492	4.08	8	5	ND	1	40	1	2	2	70	.22	.099	8	10	.86	128	.16	2	2.15	.04	.08	1	32
WR 1260 9+50	7	30	29	63	.2	6	5	843	6.20	13	5	ND	1	19	1	2	2	56	.07	.094	17	15	.35	42	.13	10	2.14	.03	.05	1	11
STD C/AU-S	20	59	40	131	7.5	70	28	1042	3.99	39	22	7	37	51	19	18	21	57	.49	.091	37	61	.89	183	.08	36	1.87	.07	.13	14	52
WR 1260 10+00	6	56	37	83	1.0	8	3	248	5.34	18	5	ND	4	17	1	2	2	37	.07	.080	23	19	.38	57	.15	2	3.35	.05	.07	1	16
WR 1260 10+50	6	82	53	227	.9	24	11	891	6.88	27	5	ND	6	38	1	2	2	64	.13	.139	24	30	1.13	187	.26	5	3.20	.08	.23	1	41
WR 1480 0+00	11	84	40	197	.7	25	51	2918	6.53	24	5	ND	2	54	1	2	2	80	.17	.088	8	27	1.53	127	.16	2	4.69	.02	.09	1	6
WR 1480 0+50	13	68	42	156	.6	29	24	1211	7.87	26	5	ND	2	81	1	2	2	77	.32	.152	7	30	1.54	134	.21	3	3.19	.09	.17	1	66
WR 1480 1+00	6	25	18	114	2.8	71	35	2313	7.15	29	5	ND	1	31	1	2	2	156	.21	.145	4	98	1.65	117	.13	4	3.74	.03	.15	1	185
WR 1480 1+50	8	37	48	146	.5	18	48	6478	5.73	16	5	ND	2	52	1	2	2	79	.33	.112	6	18	.69	233	.10	2	1.88	.03	.09	1	1
WR 1480 2+00	5	49	32	115	5.4	12	15	1732	11.58	110	5	ND	2	64	1	2	3	112	.18	.118	4	11	2.65	296	.29	2	5.33	.06	.82	1	1190
WR 1480 2+50	9	39	30	139	1.4	12	12	2129	6.11	20	5	ND	2	21	1	2	2	72	.14	.114	10	27	.98	69	.19	2	3.56	.02	.19	1	35
WR 1480 3+00	7	78	22	125	.9	52	14	1101	8.68	28	5	ND	3	45	1	2	2	85	.19	.139	12	77	1.90	232	.24	2	5.10	.07	.55	1	48
WR 1480 3+50	6	52	50	173	.2	17	14	1608	6.74	37	5	ND	2	35	1	2	2	87	.22	.152	9	26	.93	90	.17	2	2.53	.05	.13	1	3
WR 1480 4+00	13	68	29	113	2.6	44	13	1262	10.29	65	5	ND	4	51	1	2	2	128	.23	.233	6	85	2.36	292	.31	2	4.00	.07	.47	1	83
WR 1480 4+50	5	123	19	87	1.5	13	9	819	8.81	54	5	ND	1	39	1	2	2	85	.16	.166	5	24	1.18	283	.19	5	2.27	.03	.23	1	63
WR 1480 4+95	8	87	34	122	.4	18	7	547	8.06	30	5	ND	7	18	1	2	2	63	.08	.098	24	37	.88	65	.25	2	3.72	.06	.11	3	42

WEST RIDGE GRID

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
687R-003	4	70	2	27	.7	4	3	279	2.10	6	6	ND	1	38	1	2	3	24	.89	.046	2	11	.43	13	.20	2	.73	.02	.04	4	23
687R-004	12	61	2	29	.5	7	4	316	2.08	2	5	ND	2	61	1	2	2	42	1.71	.262	10	18	.55	57	.27	2	.95	.07	.12	2	3
687R-005	14	153	11	75	.9	4	3	157	11.98	23	5	ND	3	16	1	2	29	46	.07	.054	2	2	.58	242	.13	2	1.28	.04	.44	21	65
STD C/AU-R	20	57	40	134	6.7	66	27	983	3.90	38	22	7	34	47	17	16	19	62	.44	.084	35	55	.86	177	.08	34	1.75	.06	.12	13	495

ROCK CHIP GEOCHEMISTRY
PYRAMID HILL AND SERICITE EAST

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
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	17	[illegible]	2	3	2.61	.031	2	2	[illegible]	[illegible]	[illegible]						
687R-500	2	23	70	353	.2	3	6	348	3.78	14	6	ND	2	714	2	2	2	16	.08	.194	6	2	1.39	86	.01	2	1.38	.02	.17	1	31
687R-501	2	15	8	290	.2	3	1	942	3.32	9	5	ND	3	73	1	2	2	35	.11	.127	8	1	1.49	207	.01	2	1.87	.04	.08	1	3
687R-502	4	69	29	157	.5	1	1	939	4.22	10	5	ND	8	20	1	2	2	18	.06	.259	4	2	.74	54	.01	2	.93	.02	.12	1	[illegible]
687R-503	5	209	23	142	.6	2	3	668	2.93	7	5	ND	4	50	1	2	2	13	.26	.102	10	4	.63	111	.08	2	.96	.03	.16	1	[illegible]

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: P1-ROCK P2-SILT P3-7 SOIL AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JULY 13 1987 DATE REPORT MAILED: July 22/87 ASSAYER. D. Toye ..DEAN TOYE. CERTIFIED B.C. ASSAYER

WESTERN CANADIAN MINING PROJECT-GOSSAN#9102 File # 87-2294 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
687-R-006	9	831	1129	10277	291.7✓	79	29	1103	2.99	123	5	ND	2	96	85	58	10	130	6.60	.154	4	2	.96	93	.18	2	2.39	.31	.83	3	410
687-R-007	1	13	2	52	2.4	2	1	16	.54	2	5	ND	3	5	1	2	2	1	.01	.001	2	1	.03	158	.01	2	.31	.04	.08	1	1
687-R-009	5	267	11	77	14.8	2	6	57	3.92	5	5	ND	3	18	1	2	2	27	.15	.054	4	4	.72	28	.07	4	.71	.07	.37	4	32
687-R-010	50	101	10	52	2.3	10	7	64	4.68	11	5	ND	1	9	1	2	2	28	.10	.033	2	10	.54	28	.05	4	.39	.02	.35	2	26
687-R-504	4	243	5	54	.6	29	15	976	3.38	15	5	ND	2	176	1	2	2	62	4.90	.083	2	43	1.44	6	.22	3	1.32	.03	.01	1	16
687-R-505	4	15	11	67	.8	36	62	741	11.18	6	5	ND	1	141	1	2	2	64	1.55	.131	3	21	1.56	7	.14	2	1.67	.01	.01	1	13
687-R-506	4	14	3	85	.2	23	38	636	5.92	13	5	ND	1	89	1	2	2	37	.86	.115	2	23	3.03	22	.11	4	2.45	.01	.06	2	21
687-R-507	3	3	7	17	.1	1	1	208	5.92	2	5	ND	8	23	1	2	2	11	.67	.047	11	1	.21	85	.01	5	.45	.01	.12	6	1
687-R-508	3	5	7	24	.3	7	137	35	15.43	3	5	ND	2	4	1	7	6	2	.05	.002	2	1	.05	4	.01	6	.01	.01	.10	1	2
687-R-509	5	8	4	34	1.0	2	3	614	2.40	4	5	ND	4	25	1	4	3	6	1.64	.087	3	3	.14	84	.01	2	.44	.01	.15	1	6
687-R-510	8	6	5	32	.5	3	6	286	2.23	4	5	ND	4	109	1	2	2	19	1.07	.097	7	1	.85	28	.09	2	1.02	.01	.08	1	9
687-R-511	3	7	2	40	.6	2	10	289	3.24	4	5	ND	4	100	1	2	2	23	.78	.106	6	3	.97	37	.09	2	1.14	.03	.06	3	1
687-R-512	1096	22	4	9	.1	5	3	25	3.80	2	5	ND	1	3	1	2	9	3	.01	.005	2	4	.01	27	.01	35	.02	.01	.03	1	11
687-R-513	10	188	2	55	.3	2	4	272	3.61	11	5	ND	5	18	1	2	2	56	.29	.078	6	3	.98	71	.19	2	1.56	.06	1.01	1	3
687-R-514	910	18	5	10	1.0	5	3	31	4.91	5	5	ND	1	2	1	3	13	2	.01	.004	2	1	.02	10	.01	9	.03	.01	.05	1	45
687-R-515	114	1249	8	16	1.7	29	11	158	4.19	5	5	ND	2	30	1	2	2	34	.91	.094	2	15	.63	21	.13	3	2.02	.12	.59	2	270
687-R-516	43	604	12	19	4.7	36	14	16	8.94	66	5	ND	2	6	1	2	17	33	.04	.112	3	11	.02	5	.01	6	.19	.01	.22	1	330
687-R-517	57	51	13	7	3.5	21	8	8	6.32	31	5	ND	2	4	1	2	43	12	.04	.047	2	1	.04	20	.12	4	.23	.01	.24	2	116
687-R-518	12	133	2	36	.2	4	9	475	4.43	7	5	ND	2	62	1	2	7	104	1.22	.150	4	5	1.16	56	.36	3	1.54	.05	.93	12	15
STD C/AU-R	19	55	42	123	7.3	65	28	935	4.17	39	23	6	32	46	17	15	23	55	.51	.090	36	53	.94	168	.09	33	1.77	.06	.14	13	495

✓ ASSAY REQUIRED FOR CORRECT RESULT -

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
687-R-519	1	8	20	93	.3	1	2	660	2.76	12	7	ND	5	171	1	2	3	20	.26	.097	12	2	.72	203	.07	8	.85	.05	.11	1	6
687-R-523	8	27	108	40	1.3	3	1	273	2.18	29	7	ND	1	72	1	2	2	12	.11	.071	4	7	.25	73	.06	2	.47	.01	.13	3	165
687-R-524	1	37	9	18	.3	8	20	241	2.69	2	5	ND	1	5	1	2	3	2	.03	.005	2	2	.03	56	.01	4	.22	.01	.03	2	4
STD C/AU-R	18	56	39	128	7.1	67	28	953	4.08	41	18	7	34	49	18	15	23	57	.50	.092	38	57	.92	178	.08	33	1.76	.06	.14	12	505

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
687R-033	1	16	65	17	2.7	1	7	86	5.51	19	5	ND	2	8	1	2	7	5	.07	.117	2	1	.08	42	.01	6	.32	.01	.21	1	45
687R-034	22	45	33	148	.5	2	3	723	3.87	10	5	ND	2	42	1	2	2	26	.31	.089	3	4	1.23	161	.07	5	1.18	.02	.13	1	23
687R-035	1	254	40	104	.3	2	26	4438	2.67	2	5	ND	7	48	1	3	2	23	.47	.091	11	2	.92	26	.05	2	1.41	.02	.11	1	5
687R-036	4	134	242	943	1.0	3	9	990	2.14	7	5	ND	4	93	6	3	2	19	1.99	.102	10	3	.91	129	.10	2	1.23	.01	.18	1	13
687R-525	1	40	81	225	1.6	11	14	135	5.32	369	5	ND	1	62	1	4	2	26	.33	.033	3	16	.16	13	.12	5	.33	.01	.04	1	390
687R-526	2	24	18	15	.4	74	13	424	4.63	3	8	ND	2	54	1	2	2	36	.21	.041	2	60	1.26	50	.21	4	1.16	.02	.10	1	22
687R-527	1	8304	26	63	9.9	55	155	137	21.54	13	5	ND	2	5	1	2	2	10	.17	.046	2	1	.27	3	.01	9	.28	.01	.08	13	450
687R-528	11	136	15	109	1.1	2	6	143	1.91	11	5	ND	1	47	1	2	2	5	.03	.034	7	3	.14	27	.01	2	.35	.01	.12	1	59
687R-529	3	351	2	255	.7	4	9	776	5.40	6	5	ND	4	14	1	7	2	16	.15	.080	13	1	.85	56	.01	5	1.25	.01	.22	1	98
687R-530	5	620	5	211	.7	3	8	943	4.32	8	5	ND	7	16	1	2	2	21	.24	.075	13	1	.68	260	.05	3	.94	.01	.25	1	30
687R-531	7	60	37	161	1.3	2	8	1155	5.22	15	5	ND	1	16	1	3	2	28	.11	.016	3	1	1.61	17	.09	5	1.47	.01	.25	2	25
687R-532	1	85	4	190	.2	10	10	1720	2.65	10	5	ND	2	145	1	15	2	45	1.05	.142	4	4	2.94	19	.13	2	2.71	.01	.03	4	2
687R-533	1	61	3	104	.2	2	6	841	3.10	7	9	ND	7	39	1	3	2	11	2.67	.130	9	1	.95	56	.02	3	1.25	.01	.14	1	1
STD C/AU-R	18	56	37	126	7.1	66	28	919	3.77	38	19	7	31	46	17	16	20	55	.47	.089	36	54	.85	168	.08	34	1.62	.05	.13	13	495

✓ASSAY REQUIRED FOR CORRECT RESULT -

WESTERN CANADIAN MINING PROJECT-GOSSAN#9102 FILE # 87-2514

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
687R-039	3	11	34	40	.8	3	3	459	2.48	3	5	ND	4	56	1	2	2	27	.38	.069	5	3	.85	162	.08	2	1.04	.03	.17	2	19
687R-040	6	131	22	101	1.0	5	6	1275	5.23	6	5	ND	2	28	1	2	2	39	.32	.110	4	21	1.38	61	.12	2	1.66	.02	.18	1	56
687R-041	10	783	21	186	.2	3	14	1383	14.11	8	7	ND	4	8	1	5	4	67	.17	.025	4	2	.71	112	.05	2	1.05	.01	.15	1	15
687R-042	18	615	9	39	1.1	39	23	212	7.90	7	5	ND	2	37	1	2	3	101	.58	.078	2	53	.87	13	.21	2	1.00	.09	.58	7	44
687R-043	28	439	14	51	.7	25	17	194	6.61	4	6	ND	1	21	1	2	3	119	.34	.073	2	43	1.20	12	.22	2	1.14	.09	.79	4	49
687R-044	4	49	2	14	.1	2	3	105	2.98	2	5	ND	2	21	1	2	2	22	.06	.039	3	4	.49	63	.04	2	.71	.07	.36	2	6
687R-045	472	52	11	10	.6	15	12	54	5.53	9	5	ND	1	11	1	2	2	10	.05	.035	2	8	.37	26	.05	2	.61	.02	.42	2	68
687R-046	31	144	13	27	1.1	36	23	111	15.80	57	5	ND	1	18	1	4	13	24	.10	.046	2	9	.58	8	.05	2	.66	.02	.56	2	330
687R-047	401	28	10	5	.1	6	3	30	2.28	2	5	ND	1	2	1	2	2	3	.01	.005	2	5	.05	79	.01	2	.11	.01	.04	1	3
STD C/AU-R	20	57	40	134	6.7	63	27	871	3.82	37	17	7	31	45	16	17	19	48	.45	.085	35	50	.84	164	.07	30	1.79	.06	.13	13	510

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
687R-048	1	449	11	43	.5	49	9	808	3.31	20	5	ND	2	63	1	2	2	38	3.05	.301	18	63	.94	145	.35	12	1.37	.01	.37	3	26
687R-049	65	12044	17	52	18.4	42	71	1580	22.74	46	46	ND	2	1	1	24	2	51	7.82	.027	4	6	.13	2	.07	2	.38	.01	.01	65	1620
687R-050	1	1201	19	29	4.0	11	9	318	14.18	10	13	3	2	59	1	20	15	31	1.13	.071	3	11	.24	16	.22	2	.47	.02	.06	13	410
687R-052	8	1000	21	148	1.5	4	4	1297	4.87	8	10	ND	1	181	1	3	2	40	.50	.106	8	3	1.55	80	.01	4	1.94	.03	.09	4	53
687R-053	2	67	52	34	.1	1	1	246	1.45	2	5	ND	1	27	1	2	3	9	.03	.051	9	3	.58	87	.01	2	.65	.02	.13	1	8
687R-054	2	56	8	48	.2	1	2	224	2.96	7	5	ND	7	145	1	2	4	22	.06	.143	7	3	.70	120	.07	7	.81	.04	.10	1	6
687R-055	1	45	25	193	.4	3	2	1272	4.60	19	11	ND	1	103	1	2	2	102	.36	.082	4	24	1.98	130	.26	2	1.93	.03	.11	2	15
687R-056	3	37	2	32	.2	1	2	368	2.29	2	8	ND	1	86	1	2	2	17	.21	.041	2	4	.44	966	.06	5	.67	.01	.10	22	16
687R-057	6	108	53	32	2.1	13	20	81	3.05	3	5	ND	1	10	1	5	2	9	.13	.047	2	3	.13	15	.01	4	.35	.01	.11	1	250
687R-058	6	69	33	51	.7	12	8	106	2.71	11	5	ND	1	14	1	6	2	8	.15	.080	5	6	.12	40	.01	5	.38	.01	.15	1	35
687R-534	2	147	11	14	1.8	9	11	1629	10.80	20	15	ND	1	5	1	4	2	51	10.41	.152	4	27	.07	33	.29	2	.97	.01	.03	20	73
687R-535	3	35	7	50	.1	4	1	226	1.91	8	7	ND	5	319	1	3	2	18	.17	.242	6	3	.84	104	.01	8	.97	.04	.14	1	8
687R-536	3	47	15	61	.4	44	12	257	2.03	20	5	ND	1	9	1	2	2	11	.44	.143	7	12	.29	104	.01	6	.64	.01	.20	2	18
687R-537	5	27	18	9	.5	38	21	41	3.37	9	5	ND	1	8	1	10	2	7	.04	.026	7	3	.03	16	.01	8	.29	.01	.17	1	46
STD C/AU-R	20	62	40	131	7.1	69	27	994	4.02	40	18	8	38	50	17	17	22	61	.50	.084	38	59	.91	178	.08	36	1.76	.06	.12	12	510

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

GEOCHEMICAL ICP ANALYSIS

AUG 12 1987

.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: ROCK AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JUL 30 1987 DATE REPORT MAILED: Aug 11/87 ASSAYER. D. Toye ...DEAN TOYE, CERTIFIED B.C. ASSAYER

WESTERN CANADIAN MINING PROJECT-GUSSAN #9102 File # 87-2864

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
687R-059	1	23	17	109	.1	1	3	644	4.04	5	5	ND	2	86	1	3	6
687R-060	4	3148	252	637	16.8	4	9	3105	13.17	114	5	ND	1	47	4	6	7
687R-061	1	385	36	192	2.1	27	16	1863	6.40	158	5	ND	2	29	1	8	2
687R-062	6	2996	10	55	2.8	13	4	430	2.60	12	5	ND	1	10	1	2	3
687R-063	9	397	18	1212	1.3	123	34	834	13.34	26	5	ND	2	26	3	8	4
687R-064	1	540	32	98	2.9	18	34	539	29.95	30	5	ND	2	10	2	3	2
687R-065	1	341	30	66	.8	21	99	257	27.79	34	5	ND	1	2	1	2	4
687R-066	25	1238	16	127	.5	9	18	795	9.09	6	5	ND	1	74	1	6	2
687R-067	68	2473	22	188	4.5	29	41	376	11.56	8	5	ND	3	18	1	5	2
687R-068	131	684	7	58	.2	6	21	537	6.15	2	5	ND	1	106	1	3	2
687R-069	245	8874	41	540	11.1	4	15	459	6.00	3	5	ND	1	38	6	4	2
687R-070	552	481	16	53	.2	6	21	496	6.02	3	5	ND	2	78	1	2	2
687R-071	60	987	60	132	1.2	8	28	700	7.69	14	5	ND	2	64	1	3	2
687R-072	15	841	15	157	.5	12	20	880	6.33	2	5	ND	1	46	1	4	2
STD C/AU-R	19	65	42	133	7.0	67	29	959	4.04	44	17	8	39	52	18	18	21
687R-073	15	3571	21	41	2.0	42	89	426	16.13	14	5	ND	2	50	1	5	4
687R-074	131	294	8	43	.3	11	18	440	5.69	39	5	ND	1	56	1	3	5
687R-538	5	101	17	16	.5	4	6	169	4.66	4	5	ND	1	59	1	2	2
687R-539	2	52	27	93	1.6	33	8	324	3.22	79	5	ND	1	44	1	2	2
687R-540	3	89	10	105	.1	11	5	594	6.35	3	5	ND	6	11	1	2	9

SAMPLE#	V PPM	CA %	P %	LA PPM	CR PPM	MG %	BA PPM	TI %	B PPM	AL %	NA %	K %	W PPM	AU* PPB
687R-059	18	.17	.128	7	1	.80	205	.14	2	1.12	.03	.19	1	6
687R-060	40	2.85	.061	3	10	.94	42	.12	4	1.24	.01	.07	16	395
687R-061	104	1.08	.226	7	87	2.85	70	.37	3	2.38	.02	.25	3	129
687R-062	9	.54	.016	2	8	.43	64	.05	3	.45	.01	.06	31	44
687R-063	45	.53	.044	3	43	2.96	20	.23	3	3.03	.01	.50	14	175
687R-064	18	.78	.268	4	36	3.06	92	.13	14	1.86	.01	.88	1	650
687R-065	11	.23	.061	2	13	1.33	14	.04	6	.90	.01	.42	3	350
687R-066	136	.76	.148	6	3	2.92	65	.35	2	4.07	.06	2.19	7	25
687R-067	46	.63	.105	3	8	.70	57	.19	19	1.81	.03	1.07	39	61
687R-068	111	.80	.137	5	3	1.82	81	.33	2	2.40	.06	1.77	69	12
687R-069	39	2.16	.110	6	1	.34	39	.19	5	.87	.02	.56	38	79
687R-070	99	.99	.117	6	3	1.64	80	.28	22	2.10	.05	1.59	23	8
687R-071	84	1.54	.150	3	4	1.89	117	.22	2	3.52	.10	1.28	9	24
687R-072	171	1.89	.101	4	5	2.25	103	.37	2	3.83	.23	2.14	30	5
STD C/AU-R	59	.49	.085	39	61	.90	183	.09	34	1.94	.06	.14	14	505
687R-073	81	1.05	.117	3	3	1.45	43	.21	25	1.91	.04	1.11	31	134
687R-074	122	.95	.131	4	4	1.79	82	.29	2	2.09	.09	1.45	4	112
687R-538	21	.22	.030	4	5	.14	10	.04	3	.38	.01	.04	1	24
687R-539	37	.36	.091	3	32	.60	76	.16	3	.84	.03	.22	1	265
687R-540	28	.06	.099	5	15	1.63	46	.05	4	2.11	.01	.17	1	16

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

GEOCHEMICAL ICP ANALYSIS

AUG 12 1987

.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 P2 TO P3-SOIL AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: AUG 2 1987 DATE REPORT MAILED: Aug 11/87 ASSAYER. D. Toye. .DEAN TOYE, CERTIFIED B.C. ASSAYER

WESTERN CANADIAN MINING PPROJECT-GOSSAN # 9102 File [redacted] 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
687R 545	56	37	8	51	1.0	7	6	118	5.88	6	5	ND	1	41	1
687R 546	7	83	5	57	.3	10	5	189	5.84	2	5	ND	2	18	1
687R 547	1	1017	6	29	.8	162	38	326	6.21	11	5	ND	3	154	1
687R 548	4	1549	6	48	1.2	73	22	587	7.22	7	5	ND	1	52	1
687R 549	45	66	3	10	.1	8	7	48	5.10	17	5	ND	1	22	1
687R 550	3	345	6	46	.5	19	16	231	6.51	7	5	ND	1	144	1
687R 551	10	464	3	49	.2	32	14	236	5.33	5	5	ND	1	11	1
687R 552	1	18	2	8	.1	4	2	76	1.85	3	5	ND	1	8	1
687R 553	2	210	14	39	.6	11	21	165	14.03	30	10	ND	2	62	1
687R 554	7	5	8	9	.1	5	31	33	11.12	2	5	ND	2	22	1
STD C/AU-R	18	59	41	132	7.5	70	28	945	3.95	41	21	7	38	51	19

SAMPLE#	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
687R 545	2	2	119	.09	.056	2	20	.79	33	.15	2	.80	.10	.43	3	65
687R 546	4	2	127	.06	.061	2	34	1.60	35	.10	2	1.46	.06	.99	1	40
687R 547	2	2	30	4.62	.377	10	75	.53	25	.28	2	3.71	.13	.19	1	36
687R 548	2	2	59	3.48	.198	5	81	.63	46	.26	2	1.10	.07	.46	4	27
687R 549	2	2	16	.06	.057	2	6	.24	23	.05	2	.54	.05	.38	1	6
687R 550	3	2	136	1.69	.100	2	28	2.13	33	.25	2	4.14	.47	1.06	1	59
687R 551	2	2	112	.25	.096	2	54	3.02	14	.17	9	2.48	.06	1.65	1	74
687R 552	2	2	14	.07	.025	2	6	.17	22	.01	2	.34	.03	.11	1	4
687R 553	2	2	78	.55	.071	2	6	1.32	11	.17	8	1.89	.17	.61	4	725
687R 554	2	3	6	.08	.011	2	1	.03	8	.02	4	.24	.09	.09	3	43
STD C/AU-R	18	21	58	.48	.091	38	59	.88	180	.08	38	1.85	.06	.14	14	510

SAMPLE# Rock	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
687R-080	16	805	24	152	1.6	28	28	318	8.00	12	5	ND	7	67	1	2	2	46	.86	.091	6	17	1.41	39	.25	2	2.12	.01	.72	2	10
687R-081	7	151	7	16	1.0	33	27	221	6.34	15	5	ND	4	109	1	2	2	33	1.44	.221	9	12	.29	21	.45	2	.80	.05	.08	1	185
687R-082	16	244	16	68	.4	21	10	908	6.11	7	5	ND	3	26	1	2	2	101	.91	.183	6	73	2.86	149	.56	2	3.52	.08	2.14	10	50
687R-083	1	661	17	62	1.9	26	22	893	12.93	32	5	ND	4	35	1	2	2	68	.79	.179	8	57	1.61	28	.33	2	2.22	.02	.28	10	515
687R-084	8	199	20	36	.6	19	14	504	6.02	12	5	ND	2	14	1	2	2	41	.76	.095	5	37	1.08	26	.32	11	1.28	.04	.08	22	51
687R-085	14	39	19	105	1.6	30	23	1441	10.23	80	5	ND	2	11	1	2	8	100	.63	.135	4	97	3.43	51	.17	6	3.48	.01	.23	10	68
687R-086	1	76	7	9	.3	12	9	174	4.47	20	5	ND	2	54	1	2	2	21	1.16	.142	5	17	.25	17	.39	2	.52	.02	.05	2	42
687R-087	17	138	23	98	.9	27	20	1189	11.73	17	5	ND	3	10	1	2	2	106	.42	.143	5	97	4.85	32	.16	2	4.66	.01	.53	16	165
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	53	.19	2	.90	.06	.13	1	3
687R-090	2	14	21	100	.1	1	10	231	4.86	9	5	ND	1	18	1	2	2	10	.87	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
687R-091	69	1304	10	18	4.7	10	6	313	3.51	14	5	ND	2	50	1	2	2	54	1.34	.145	5	17	.45	36	.40	3	.55	.03	.33	15	935
687R-092	135	179	4	7	1.9	6	4	133	3.48	12	5	ND	1	41	1	2	2	46	.43	.086	4	17	.25	47	.47	2	.31	.03	.29	19	385
687R-093	69	343	5	5	2.9	10	4	113	1.89	8	5	ND	2	37	1	2	11	38	.83	.109	7	28	.24	19	.46	2	.34	.02	.18	22	485
687R-094	149	510	10	5	3.7	11	7	85	2.43	5	5	ND	2	48	1	2	2	24	1.08	.064	6	15	.07	19	.48	2	.26	.02	.09	12	505
687R-095	31	2360	17	82	6.2	38	13	1356	6.85	18	5	ND	1	77	1	2	2	45	6.74	.141	4	55	1.01	75	.37	2	1.30	.01	.95	8	705
687R-096	36	509	9	12	4.6	9	5	176	3.41	12	5	ND	1	40	1	4	2	29	.54	.048	4	20	.23	21	.50	2	.42	.01	.23	13	410
687R-097	7	759	7	27	1.4	15	12	1192	4.67	15	5	ND	1	37	1	2	2	31	7.14	.145	6	29	.36	33	.33	11	.79	.01	.30	21	350
687R-098	2	148	15	10	.6	5	6	1796	7.25	17	5	ND	1	23	1	2	2	51	8.57	.090	2	33	.04	1	.30	2	1.12	.01	.01	4	79
687R-099	14	5406	11	44	11.3	28	16	232	7.71	29	5	ND	1	49	1	3	34	31	.87	.103	3	31	.28	19	.40	2	.48	.01	.23	28	1060
687R-100	4	415	11	17	1.6	21	12	895	6.28	16	5	ND	2	21	1	2	2	35	3.40	.097	3	41	.05	5	.36	2	.60	.01	.04	12	225
687R-564	1	406	61	421	1.0	14	16	244	4.88	49	5	ND	4	92	1	2	2	29	1.26	.057	3	4	.35	147	.08	2	3.13	.20	.49	1	10
687R-565	6	805	20	43	.6	91	23	617	8.77	18	5	ND	2	22	1	2	4	84	.96	.173	5	123	2.45	31	.59	2	2.84	.05	1.82	25	126
687R-566	25	505	11	22	1.8	26	20	257	6.98	20	5	ND	2	89	1	2	2	40	1.12	.145	5	39	.44	16	.37	2	.81	.01	.09	36	350
687R-567	4	548	12	48	.9	10	8	139	3.03	12	5	ND	1	9	1	2	24	25	.30	.025	2	18	.69	96	.15	26	.87	.03	.33	7	89
687R-568	193	448	2	5	1.1	15	29	35	5.03	27	5	ND	1	2	1	2	37	2	.05	.006	2	3	.01	6	.01	2	.01	.01	.03	727	43
687R-569	2	692	18	68	1.7	16	11	917	6.50	20	5	ND	1	24	1	2	2	157	.91	.150	6	28	1.94	81	.60	2	2.79	.06	2.02	7	116
687R-570	11	30	2	4	.1	14	6	73	2.80	9	5	ND	1	24	1	2	2	23	.58	.062	3	16	.04	19	.35	2	.17	.01	.06	13	52
687R-571	7	480	10	16	1.2	13	16	146	10.14	17	5	ND	2	13	1	2	22	29	.30	.043	3	14	.32	13	.16	3	.34	.01	.25	21	285
687R-572	39	1069	16	49	2.8	52	139	108	26.60	29	5	ND	2	4	1	2	228	13	.06	.014	2	1	.18	10	.03	3	.18	.01	.23	268	650
687R-573	134	535	21	47	2.5	63	23	184	8.80	28	5	ND	2	4	1	2	6	33	.08	.043	4	10	.05	23	.01	2	.39	.01	.16	2	116
687R-574	169	181	17	24	1.0	6	16	69	3.36	16	5	ND	1	13	1	2	2	12	.04	.026	4	3	.09	63	.03	2	.41	.01	.22	11	92
687R-575	692	549	17	47	.8	53	10	339	5.49	12	5	ND	2	34	1	2	15	101	.67	.156	7	118	2.54	64	.37	9	3.12	.13	1.51	5	105
687R-576	135	128	17	13	3.8	1	5	22	3.49	13	5	ND	3	7	1	2	2	4	.01	.028	2	5	.05	52	.01	2	.40	.01	.24	7	65
687R-577	6	223	13	25	4.2	15	9	202	13.81	15	5	ND	3	27	1	2	5	77	.65	.029	3	28	.15	13	.35	7	.27	.01	.08	225	495
687R-578	439	1336	18	51	2.0	38	19	736	15.27	14	5	ND	2	40	1	2	4	81	.81	.141	5	60	1.42	25	.46	2	1.85	.01	1.28	97	305
STD C/AU-R	19	57	40	132	7.2	68	29	1058	3.83	40	18	8	39	51	18	15	20	58	.47	.087	38	61	.85	182	.09	30	1.94	.07	.12	13	505

SAMPLE# Rock	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
687R-579	97	354	26	194	.8	23	9	754	4.25	6	5	ND	4	73	1	2	2	67	4.39	.096	7	40	1.65	183	.44	2	3.19	.17	1.57	24	24
687R-580	71	486	24	52	2.5	11	20	401	8.69	14	5	ND	4	10	1	2	4	41	.15	.026	2	2	.79	15	.09	19	1.10	.07	.78	216	15
687R-581	6	806	19	58	1.8	16	6	1193	4.84	10	5	ND	1	150	1	2	2	40	8.53	.127	5	40	.47	96	.26	2	1.34	.08	.26	21	295
687R-582	1	146	10	8	.1	7	2	135	3.42	5	5	ND	2	85	1	2	2	10	1.19	.100	4	5	.07	2	.28	2	.52	.01	.02	3	16
687R-583	1	122	16	64	2.9	21	12	276	9.24	10	5	ND	2	2	1	2	2	14	.43	.063	2	14	1.28	24	.11	2	.31	.01	.04	4	90
687R-584	1	1099	9	32	1.3	18	8	131	5.59	18	5	ND	2	72	1	2	2	15	.95	.045	3	10	.14	1	.31	2	.55	.01	.01	3	105
687R-585	1	1187	14	176	.8	10	5	1103	9.07	2	5	ND	2	50	1	2	9	83	.70	.097	2	2	3.47	63	.31	2	5.17	.15	3.56	65	75
687R-586	4	375	19	4931	1.4	29	13	249	15.14	18	5	ND	3	9	33	2	2	41	.88	.270	7	47	2.35	29	.05	2	1.02	.01	.23	7	195
687R-587	1	293	28	26	3.9	23	42	266	37.48	162	5	2	3	2	1	2	6	9	.15	.040	2	4	.47	16	.09	2	.46	.01	.35	32	635
687R-588	1	48	20	97	.4	5	9	404	23.98	11	5	ND	5	3	1	2	2	14	.38	.117	2	15	2.71	89	.04	2	1.26	.01	.63	1	685
687R-589	1	88	24	63	2.2	11	53	477	40.14	3	5	ND	4	2	1	2	7	3	.09	.027	2	2	.24	27	.04	2	.34	.01	.15	1	305
687R-590	1	500	6	30	3.1	21	4	233	10.49	13	5	ND	3	27	1	2	2	33	.99	.071	3	26	.26	9	.45	8	.37	.01	.06	9	250
STD C/AU-R	19	60	42	132	7.2	67	28	1054	3.95	40	19	8	40	51	17	17	20	57	.48	.082	38	61	.86	181	.09	35	1.86	.06	.14	11	495

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
687R-101	20	818	11	43	4.7	9	7	260	3.79	19	5	ND	3	21	1	2	5	57	.57	.064	5	24	.74	58	.30	2	.80	.04	.57	28	262
687R-102	38	1933	15	23	9.7	14	13	84	18.12	62	5	ND	5	15	1	2	16	19	.30	.034	2	13	.08	12	.16	2	.03	.01	.09	23	2400
687R-103	48	249	7	59	1.6	41	23	283	13.09	21	5	ND	4	42	1	2	2	46	1.23	.187	11	55	.76	34	.43	31	.54	.05	.52	115	108
687R-104	5	149	21	64	1.2	37	27	140	16.76	68	5	ND	4	40	1	4	7	52	.90	.122	18	25	.18	25	.30	2	.21	.02	.20	73	122
687R-105	1	168	5	27	1.1	2	5	81	4.28	3	5	ND	3	35	1	2	2	22	.14	.061	11	4	.40	65	.03	3	.89	.06	.26	1	30
687R-106	47	30	8	12	.3	1	4	506	7.20	2	5	ND	2	75	1	2	2	64	2.06	.027	3	61	.08	3	.56	5	.67	.01	.01	1	76
687R-107	25	543	6	15	.5	19	15	137	11.15	3	5	ND	2	86	1	3	2	21	1.24	.081	6	28	.16	16	.43	7	.37	.01	.05	52	112
687R-108	31	208	10	18	.1	27	23	148	9.23	4	5	ND	2	84	1	3	2	19	1.15	.086	9	21	.25	15	.48	2	.53	.02	.06	2	48
687R-109	28	223	8	32	.1	25	17	153	8.41	22	5	ND	1	113	1	4	2	16	1.82	.321	6	26	.19	6	.39	7	.65	.03	.02	3	64
687R-110	15	166	6	9	.1	23	12	253	7.51	10	5	ND	2	82	1	4	2	28	1.01	.128	4	33	.13	4	.62	2	.52	.01	.02	1	42
687R-111	33	261	3	11	.1	35	18	154	7.22	10	5	ND	1	93	1	4	2	22	1.24	.135	5	25	.13	7	.43	2	.54	.02	.02	1	22
687R-112	6	201	3	17	.1	44	20	152	8.47	5	5	ND	2	97	1	2	2	25	1.38	.205	8	23	.40	31	.43	2	.66	.04	.17	1	18
687R-113	18	592	2	33	.7	22	12	218	8.39	9	5	ND	2	43	1	2	2	42	.82	.081	6	31	.74	19	.42	5	.75	.06	.37	5	58
687R-114	36	729	2	22	1.9	11	6	120	5.13	9	5	ND	2	28	1	3	2	31	.91	.106	7	25	.18	11	.46	2	.36	.03	.05	50	156
687R-115	54	228	4	12	1.3	15	12	115	7.22	12	5	ND	3	53	1	2	2	24	.85	.086	9	18	.21	24	.57	2	.37	.04	.15	31	162
687R-116	23	3028	33	54	3.6	28	16	417	16.89	56	5	ND	3	47	1	2	4	49	.88	.083	5	73	1.71	38	.46	2	1.33	.08	1.05	275	316
687R-117	22	111	11	10	1.2	30	11	165	5.77	19	5	ND	1	65	1	3	5	27	1.11	.049	7	23	.20	15	.43	2	.52	.01	.17	23	164
687R-118	32	810	77	69	4.1	19	19	140	15.85	205	5	ND	2	26	1	3	23	41	.41	.065	4	43	.50	26	.33	2	.32	.05	.39	44	1100
687R-119	110	86	21	14	.8	7	5	48	5.05	148	5	ND	1	9	1	2	2	14	.05	.026	2	13	.12	21	.13	2	.17	.01	.12	12	605
687R-120	182	179	30	43	.1	28	29	233	13.18	94	5	ND	2	30	1	2	2	85	.42	.112	11	23	1.74	40	.60	2	1.48	.02	1.40	13	36
687R-121	66	265	25	39	.3	23	19	84	9.52	71	5	ND	2	12	1	3	2	25	.13	.035	5	17	.58	29	.22	2	.52	.02	.50	20	46
687R-122	10	519	24	22	2.1	94	44	110	18.60	82	5	ND	3	23	1	2	2	40	.74	.255	4	16	.38	15	.09	2	.21	.01	.31	51	392
687R-123	14	698	25	53	1.4	84	46	208	18.27	20	5	ND	2	21	1	2	2	75	.09	.028	2	102	1.00	17	.13	5	.86	.04	.79	4	182
687R-591	154	125	140	73	18.5	3	8	141	6.92	24	5	ND	2	3	1	4	2	26	.01	.013	2	6	.53	70	.05	18	.95	.01	.31	2	44
687R-592	23	25	17	21	.6	6	5	123	5.18	6	5	ND	1	18	1	2	2	11	.27	.016	2	4	.16	53	.03	2	.26	.01	.04	40	52
687R-593	123	332	8	24	14.5	30	17	184	13.01	12	5	ND	2	13	1	2	2	8	.34	.017	2	3	.26	9	.01	2	.13	.02	.05	161	600
687R-594	22	36	76	106	.3	23	14	100	13.96	13	5	ND	1	5	1	3	2	8	.11	.019	2	5	.10	9	.04	2	.13	.01	.09	3	10
687R-595	19	132	7	11	1.1	24	18	193	6.13	20	5	ND	1	84	1	2	2	66	6.21	2.290	10	18	.16	45	.06	12	.56	.02	.20	5	46
687R-596	1	10	14	67	.1	1	3	1198	6.45	2	5	ND	2	106	1	2	2	34	3.47	.047	2	4	.78	47	.08	2	2.70	.20	.35	1	1
687R-597	2	31	7	9	.1	8	10	141	6.33	20	5	ND	3	19	1	2	2	40	.53	.061	3	25	.16	4	.22	10	.25	.01	.02	4	52
687R-598	3	20	44	47	1.4	1	17	364	51.73	6	5	ND	4	2	2	2	2	75	.06	.009	2	12	.22	6	.07	14	.71	.01	.04	1	48
687R-599	21	88	16	94	.2	51	11	608	3.67	3	5	ND	3	102	1	2	2	128	3.39	.511	7	60	1.42	150	.21	2	3.87	.39	1.16	5	6
687R-600	2	108	48	86	11.4	6	15	1062	49.64	76	5	ND	4	1	2	2	2	10	.01	.025	2	13	.51	140	.07	12	.79	.01	.14	1	780
STD C/AU-R	19	58	39	131	6.8	65	27	1048	4.05	39	18	7	39	49	18	15	18	57	.49	.086	37	59	.90	179	.08	35	1.79	.06	.13	12	480

[redacted]

[redacted] [redacted] #	[redacted]	CU	[redacted]	ZN	[redacted]	NI	[redacted]	MN	[redacted]	AS	[redacted]	AU	[redacted]	SR	[redacted]	SB	[redacted]	V	[redacted]	P	[redacted]	CR	[redacted]	JA	[redacted]	B	A[redacted]	...	K[redacted]		AU[redacted]
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	%	%	PPM	PPM	%	PPM	%	PPM	%	%	%	PPM	PPB
687R-124	1	10	10	51	.2	4	1	284	.71	5	8	ND	1	238	1	2	2	2	2.35	.025	2	5	.10	13	.01	2	.08	.01	.06	1	2
687R-125	1	17	13	39	.3	3	2	425	.82	6	5	ND	1	952	1	2	4	4	7.16	.029	2	1	.13	10	.01	2	.10	.01	.03	2	1
687R-126	3	13	29	39	.1	2	6	248	4.74	11	5	ND	4	12	1	4	2	10	.14	.119	7	3	.46	44	.01	2	.67	.03	.22	1	5
687R-127	1	9	21	50	.4	1	6	125	4.84	9	5	ND	4	19	1	2	2	7	.18	.129	7	1	.33	32	.01	2	.46	.03	.11	1	8
687R-128	5	69	27	59	.1	11	19	2897	5.84	52	5	ND	1	644	1	3	2	21	15.72	.209	6	2	1.65	72	.01	2	.52	.01	.31	2	3
687R-129	1	120	17	71	.3	11	19	1135	5.20	12	5	ND	2	179	1	2	2	41	4.94	.225	5	1	1.75	49	.04	2	1.07	.03	.43	1	5
687R-601	4	265	26	115	1.1	59	28	1593	5.60	20	5	ND	3	49	1	2	2	74	.77	.204	7	107	1.88	46	.21	9	1.69	.04	.14	1	13
687R-602	4	17	20	154	.3	32	24	2306	12.89	60	5	ND	3	52	1	2	2	133	.63	.224	4	52	5.58	32	.30	2	5.15	.02	.05	3	17
687R-603	2	25	28	83	.1	26	26	756	7.53	3	5	ND	2	15	1	2	2	42	.27	.134	3	19	1.81	24	.01	2	2.89	.02	.12	1	6

WESTERN CANADIAN MINING PROJECT-GOSSAN #9102 FILE # 87-3747

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
687R-615	18	1209	17	60	1.6	45	19	380	10.67	39	5	ND	2	22	1	2	2	113	.98	.364	3	90	1.45	7	.13	14	1.27	.04	.90	14	43
687R-616	6	317	34	43	1.2	50	22	158	14.24	84	5	ND	1	16	1	2	11	43	.40	.104	2	23	.75	8	.10	2	.66	.03	.50	15	37
687R-617	28	1271	20	56	1.0	36	13	348	8.01	21	5	ND	2	48	1	2	2	30	.74	.086	6	52	2.20	9	.30	5	2.38	.17	1.18	12	35
687R-618	110	715	18	57	1.0	50	13	443	9.64	10	5	ND	2	33	1	2	2	25	.61	.072	5	30	3.22	7	.28	2	2.35	.09	1.54	35	51
687R-619	56	1752	16	76	2.0	49	14	334	8.98	34	5	ND	3	26	1	2	2	29	.28	.102	6	35	2.37	10	.26	2	2.16	.08	1.40	16	66
687R-620	30	1618	13	58	1.1	40	8	419	4.87	14	5	ND	3	43	1	2	2	49	.79	.126	11	45	2.19	16	.43	3	2.33	.14	1.37	7	63
687R-621	157	1412	13	54	1.7	64	16	335	8.17	11	5	ND	3	27	1	2	2	52	.56	.107	10	47	1.95	9	.38	2	1.76	.07	1.17	15	17
687R-622	115	1265	11	62	1.5	77	21	400	7.31	12	5	ND	3	35	1	2	2	72	1.05	.217	10	93	2.49	17	.50	3	2.36	.12	1.44	7	1
687R-623	80	1823	11	74	1.9	72	13	415	7.01	7	5	ND	2	28	1	2	2	51	.76	.124	6	133	2.65	15	.46	2	2.41	.07	1.56	6	2
687R-624	83	916	18	62	1.7	55	18	444	8.88	29	5	ND	1	24	1	2	3	30	.90	.156	5	87	2.52	10	.32	2	1.92	.05	1.25	10	98
687R-625	9	304	13	57	.4	14	8	271	5.55	12	5	ND	3	35	1	2	2	41	.27	.102	6	47	1.75	22	.24	2	1.51	.07	1.10	3	24
687R-626	30	686	17	77	1.2	46	10	440	7.98	24	5	ND	2	51	1	2	3	61	1.58	.561	12	118	2.49	19	.22	2	2.50	.06	1.49	8	49
687R-627	11	1126	11	63	1.7	20	23	192	8.75	13	5	ND	3	19	1	2	2	44	.47	.238	8	16	1.06	10	.12	2	1.21	.06	.77	2	43
687R-628	12	1054	11	80	.9	39	12	600	6.46	10	5	ND	1	19	1	2	2	94	1.03	.220	5	41	3.32	13	.37	2	2.89	.07	1.95	4	52
687R-629	7	721	13	55	1.1	43	11	541	5.38	9	5	ND	2	26	1	2	2	30	2.19	.219	8	38	2.48	14	.34	2	1.96	.06	1.37	13	48
687R-630	17	787	35	50	10.6	24	18	59	19.30	181	5	2	2	8	1	3	373	36	.05	.013	2	4	.16	2	.05	2	.19	.01	.22	67	655
687R-631	43	1795	12	111	3.7	35	18	257	10.96	3	5	ND	2	16	1	2	9	37	.23	.090	3	18	.94	8	.04	2	1.28	.04	.40	1	65
STD C/AU-R	18	58	39	133	7.0	69	28	1038	4.06	41	17	7	37	49	19	17	19	56	.49	.090	36	59	.90	174	.08	37	1.87	.07	.13	14	490

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
PYE-1	1	119	81	23	1.3	8	7	1101	9.84	26	5	ND	4	11	1	2	2	31	5.59	.121	4	24	.10	30	.32	2	.74	.01	.02	22	58
PYE-2	11	209	30	29	.6	13	11	588	10.37	20	5	ND	4	30	1	2	3	35	2.43	.181	8	25	.14	142	.33	2	.71	.01	.04	7	43
PYE-3	9	639	72	62	3.1	15	15	284	13.72	55	5	ND	4	32	1	2	8	32	1.19	.227	12	30	.36	46	.25	4	.62	.02	.08	13	136
PYE-4	15	201	48	152	1.7	14	8	789	19.49	177	5	ND	4	16	1	2	18	73	.79	.332	11	86	2.42	99	.11	5	2.41	.02	.26	22	270
PYE-5	4	502	25	50	1.0	16	12	653	6.44	38	5	ND	2	31	1	2	2	31	2.06	.380	11	33	1.01	32	.17	2	1.30	.06	.09	14	87
PYE-6	3	181	17	49	1.1	11	8	318	11.69	35	5	ND	3	20	1	2	11	32	.63	.100	6	21	.35	35	.38	2	.51	.02	.04	16	137
PYE-7	32	447	12	907	1.2	56	35	1547	24.29	73	5	ND	4	4	6	2	2	130	.81	.169	3	136	4.71	30	.13	4	4.57	.01	.16	22	280
PYE-8	26	69	16	100	.8	40	15	507	8.03	58	5	ND	1	5	1	3	2	31	.30	.073	2	59	1.38	20	.09	2	1.44	.01	.15	13	445
PYE-9	44	238	14	134	.8	35	17	488	7.85	19	5	ND	2	9	1	2	3	49	.45	.112	4	60	1.95	57	.10	2	2.00	.01	.26	7	108
PYE-10	28	229	13	1039	.6	13	5	843	7.68	19	5	ND	2	9	2	2	2	63	.22	.078	2	61	2.39	147	.09	2	2.60	.01	.21	4	39
PYE-11	12	330	20	221	.8	35	11	921	8.91	22	5	ND	2	10	1	2	2	62	.51	.144	4	106	2.41	65	.10	2	2.69	.01	.27	13	67
PYE-12	6	145	17	86	1.1	20	25	711	10.44	77	5	ND	2	9	1	2	2	46	.45	.054	2	51	1.65	33	.08	2	1.79	.04	.10	9	128
PYE-13	22	107	16	37	.7	5	4	392	6.94	16	5	ND	2	7	1	2	2	19	.40	.016	2	6	.55	47	.04	3	.56	.03	.06	5	44
PYE-14	7	117	18	28	1.1	2	3	212	6.84	8	5	ND	1	4	1	2	6	20	.11	.019	2	5	.33	89	.04	2	.39	.01	.06	3	25
PYE-15	10	192	10	9	.8	1	4	73	8.63	13	5	ND	1	2	1	2	3	14	.05	.014	2	3	.06	102	.03	2	.06	.01	.04	4	84
PYE-16	16	180	22	53	1.7	9	4	305	10.94	22	5	ND	2	7	1	2	2	34	.49	.108	3	33	.87	194	.14	2	.94	.02	.25	9	17
PYE-17	49	388	34	474	1.2	40	45	530	15.01	102	5	ND	2	7	3	2	13	58	.21	.030	2	39	1.67	15	.15	5	1.99	.01	.17	8	162
PYE-18	6	795	15	30	5.0	15	14	269	16.87	20	5	ND	3	16	1	2	15	22	.62	.073	4	22	.18	6	.32	8	.36	.01	.02	6	185
PYE-19	2	126	28	47	1.5	3	14	589	40.22	17	5	ND	5	7	1	2	2	20	.40	.030	3	19	.19	9	.17	2	.39	.02	.04	1	178
PYE-20	3	175	35	102	4.5	33	19	494	40.55	29	5	ND	3	4	1	2	2	27	.18	.037	2	26	.33	9	.12	2	.38	.01	.03	1	242
PYE-21	53	534	17	53	3.9	14	17	406	18.66	32	5	ND	2	1	1	2	7	22	.28	.088	2	14	.19	6	.15	2	.07	.01	.02	4	220
PYE-22	80	283	33	3362	1.7	11	20	611	33.24	24	5	ND	3	14	18	2	2	31	.31	.056	2	24	1.22	15	.15	16	1.01	.01	.03	1	124
PYE-23	2	94	47	127	1.1	6	13	1165	55.13	64	5	ND	4	3	1	2	2	13	.15	.073	2	28	.55	14	.09	3	.68	.01	.03	1	260
PYE-24	2	74	48	133	1.8	6	15	826	59.68	43	7	ND	4	2	1	2	2	6	.05	.039	2	20	.24	14	.06	2	.51	.01	.04	1	157
PYE-26	1	47	36	186	.1	21	13	2327	49.14	33	6	ND	4	2	1	2	2	15	.16	.066	2	23	1.92	22	.11	2	1.42	.01	.04	1	25
PYE-27	3	130	39	272	1.9	15	15	1404	40.17	67	5	ND	4	4	1	2	2	25	.49	.177	4	40	1.57	65	.16	2	1.25	.01	.02	1	101
PYE-28	86	117	4	8	1.7	2	3	245	3.50	20	5	ND	2	101	1	2	2	24	1.75	.204	10	25	.09	4	.36	2	.81	.01	.01	2	52
PYE-29	74	143	12	36	.8	7	3	650	4.08	18	5	ND	2	54	1	2	2	22	1.66	.139	14	30	.70	10	.30	2	1.14	.04	.05	9	29
PYE-30	4	291	12	81	3.7	6	7	876	13.79	22	5	ND	2	8	1	2	2	23	4.72	.105	4	24	.08	9	.22	9	.63	.01	.03	25	159
PYE-31	8	69	42	134	3.1	1	16	584	55.51	21	6	ND	4	3	1	2	2	4	.12	.051	2	18	.31	34	.09	8	.56	.01	.10	1	252
PYE-32	1	262	40	796	1.9	11	21	637	46.84	26	5	ND	4	2	3	2	2	13	.05	.044	2	20	1.24	42	.05	2	1.09	.01	.11	1	139
PYE-33	21	1360	21	17494	2.9	40	49	993	18.75	40	5	ND	2	6	115	2	2	20	.68	.119	6	29	2.04	34	.11	2	1.44	.02	.15	1	172
PYE-34	20	181	8	108	2.0	10	6	1239	10.94	28	5	ND	2	33	1	2	2	40	1.29	.132	6	27	1.85	34	.16	2	2.12	.07	.11	3	108
PYE-35	31	912	28	24764	2.8	36	58	686	24.46	75	5	ND	3	7	162	2	2	27	.42	.072	3	28	1.52	11	.05	28	1.35	.04	.15	8	280
PYE-36	128	703	6	260	1.5	12	5	1115	7.74	18	5	ND	3	54	1	2	2	84	1.14	.159	8	76	2.90	63	.26	2	3.04	.03	.15	4	114
PYE-37	333	143	10	208	3.0	3	5	457	6.64	19	5	ND	3	41	2	2	2	33	.94	.106	5	23	.92	8	.24	2	1.18	.03	.04	5	143
STD C/AU-R	19	56	36	131	7.1	66	25	955	4.02	37	18	7	37	46	17	15	20	51	.44	.076	34	55	.81	176	.08	33	1.86	.06	.12	11	505

CONTINUOUS CHIP GEOCHEMISTRY

PYRAMID EAST - MAGNETITE SHOWING

WESTERN CANADIAN PROJECT - GOSSAN #9102 FILE # 87-2780

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
PYCH 01	36	328	4	47	.3	9	20	701	7.31	11	5	ND	1	105	1	2	2	96	2.37	.067	2	5	1.27	49	.21	3	2.17	.21	.75	10	87
PYCH 02	191	419	4	44	.5	7	20	343	6.30	8	5	ND	1	63	1	2	2	107	.90	.072	2	1	1.31	41	.24	3	1.93	.26	.75	4	184
PYCH 03	13	442	3	43	.4	12	37	229	7.77	8	5	ND	1	57	1	2	2	123	.58	.073	2	3	1.53	28	.16	4	1.74	.22	.85	1	76
PYCH 04	842	143	5	33	.2	7	17	246	6.79	6	5	ND	1	131	1	2	2	84	.91	.058	2	6	1.16	45	.11	5	1.99	.25	.60	1	24
PYCH 05	310	333	9	48	.2	8	19	238	6.72	8	5	ND	1	46	1	2	2	146	.41	.067	2	5	1.95	29	.14	4	1.83	.18	.92	1	27
PYCH 06	26	307	5	47	.1	9	18	282	7.10	7	5	ND	1	86	1	4	2	152	.65	.073	2	5	1.73	31	.16	3	2.18	.25	.97	1	29
PYCH 07	118	425	7	43	.5	13	48	280	8.65	9	5	ND	1	66	1	2	2	119	.93	.063	2	7	1.51	29	.15	5	2.21	.20	.82	1	97
PYCH 08	151	162	9	47	.4	10	24	303	7.68	5	5	ND	1	48	1	2	2	146	.41	.063	2	5	1.86	23	.13	4	1.76	.18	.96	1	38
PYCH 09	761	114	4	33	.1	9	21	179	7.54	3	5	ND	1	48	1	2	2	92	.34	.052	2	6	1.21	24	.11	4	1.25	.14	.63	1	31
PYCH 10	15	100	11	38	.2	10	22	260	7.74	6	5	ND	1	63	1	3	2	113	.55	.069	2	4	1.36	26	.19	4	1.60	.18	.76	1	15
PYCH 11	108	144	7	31	.3	12	27	213	9.06	6	5	ND	1	98	1	2	2	86	.69	.061	2	4	.91	27	.19	5	1.81	.17	.29	1	29
PYCH 12	35	300	7	46	.2	15	17	242	6.65	6	5	ND	1	46	1	2	2	134	.45	.077	2	13	1.59	34	.15	3	2.17	.12	.27	1	91
PYCH 13	21	214	4	39	.1	8	8	213	4.67	4	5	ND	1	57	1	2	2	124	.45	.070	2	10	1.56	62	.14	3	1.72	.14	.42	1	38
PYCH 14	219	312	9	45	.5	11	20	216	6.46	8	5	ND	1	37	1	2	3	148	.35	.073	2	12	1.78	42	.19	4	1.94	.11	.47	3	75
PYCH 15	46	610	5	45	.2	10	14	285	5.82	13	5	ND	1	61	1	2	2	149	.74	.077	2	11	1.73	53	.22	3	2.44	.11	.53	1	36
PYCH 16	637	402	8	40	.3	10	8	334	6.05	3	5	ND	1	83	1	2	2	127	.36	.082	2	8	1.46	69	.25	3	2.45	.09	.64	1	45
STD C/AU-R	18	59	41	131	7.2	70	29	1040	4.05	41	18	7	38	50	19	17	22	58	.50	.092	38	59	.91	178	.08	36	1.75	.06	.14	13	500

CONTINUOUS ROCK CHIP GEOCHEMISTRY

PYRAMID SADDLE.

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

GEOCHEMICAL ICP ANALYSIS

AUG 12 1987

.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: ROCK AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JUL 30 1987 DATE REPORT MAILED: Aug 10/87 ASSAYER. D. Toye .DEAN TOYE, CERTIFIED B.C. ASSAYER

WESTERN CANADIAN MINING PROJECT-GOSSAN #9102 File # [redacted]

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
687R-075	20	69	13	46	.7	14	32	431	17.46	2	5	ND	1	130	1	2	2	94	1.95	.056	2	8	.90	25	.12	5	3.15	.26	.67	5	225
687R-076	18	146	8	39	.1	11	21	391	9.61	9	5	ND	1	61	1	4	2	108	1.23	.066	2	12	1.52	18	.28	2	2.23	.26	.92	19	22
687R-077	99	324	13	48	.3	12	23	486	10.88	2	5	ND	1	82	1	5	2	144	2.07	.055	3	8	1.69	28	.20	2	2.63	.22	.45	1	13
PYCH-17	103	162	17	75	.9	15	26	400	16.33	5	5	ND	2	69	1	7	14	78	1.94	.065	2	9	.96	25	.14	2	2.75	.30	.69	27	720
PYCH-18	78	50	10	48	.4	14	25	274	14.02	5	5	ND	2	41	1	4	5	57	.55	.041	2	6	1.04	24	.11	2	1.56	.17	.76	9	590
PYCH-19	40	56	4	49	.2	11	16	483	7.12	4	5	ND	1	23	1	2	2	89	.30	.060	2	14	1.66	34	.15	2	1.58	.10	1.10	1	42
PYCH-20	133	80	9	37	.6	9	14	358	6.37	10	5	ND	1	38	1	2	2	65	.18	.058	2	12	1.25	38	.11	2	1.20	.11	.94	1	68
PYCH-21	118	208	7	42	1.7	10	14	384	8.27	20	5	ND	1	50	1	2	5	47	.29	.071	2	8	1.15	35	.10	2	1.33	.12	.91	3	150
PYCH-22	51	127	3	51	.6	10	14	510	6.57	11	5	ND	1	33	1	2	2	53	.49	.071	2	8	1.42	43	.12	2	1.97	.13	1.05	1	65
PYCH-23	183	53	10	46	.4	8	14	373	10.29	4	5	ND	1	49	1	2	8	76	.55	.067	2	10	1.36	30	.14	4	1.87	.23	.95	4	113
PYCH-24	40	111	11	26	.5	6	17	173	18.37	2	5	ND	1	61	1	2	15	47	.79	.057	2	5	.52	20	.10	2	1.40	.24	.41	4	99
PYCH-25	233	70	8	23	.3	6	9	199	8.80	2	5	ND	1	54	1	4	11	75	.29	.039	2	11	.69	24	.14	2	.78	.20	.57	3	137
PYCH-26	109	111	10	30	.4	6	13	215	12.72	6	5	ND	1	59	1	3	7	54	.49	.067	2	6	.76	25	.12	2	.98	.19	.56	10	101
PYCH-27	148	53	5	38	.5	10	14	375	7.45	8	5	ND	1	32	1	2	3	73	.35	.071	2	13	1.24	33	.13	2	1.30	.13	.89	3	57
PYCH-28	76	903	10	28	1.3	35	20	451	7.51	9	5	ND	2	94	1	3	2	91	2.12	.200	2	74	.67	20	.11	16	2.41	.08	.47	6	107
PYCH-29	82	1147	5	29	.9	29	18	546	6.12	6	5	ND	1	106	1	2	3	76	2.65	.127	2	37	.50	15	.10	2	3.16	.08	.37	2	45
PYCH-30	72	661	3	20	1.2	24	21	381	6.58	11	5	ND	1	78	1	2	5	53	2.39	.220	3	64	.33	11	.07	18	1.92	.02	.21	2	45
PYCH-31	142	486	9	16	1.1	15	6	186	6.13	10	5	ND	1	82	1	3	2	75	.72	.128	2	40	.58	25	.13	6	1.45	.07	.45	4	35
PYCH-32	113	295	8	16	.7	5	4	151	9.93	11	5	ND	2	96	1	2	2	84	.20	.147	2	23	.43	35	.12	2	.74	.04	.36	2	59
PYCH-33	117	490	9	14	.7	12	9	271	6.13	12	5	ND	1	74	1	2	2	84	.71	.142	2	32	.35	19	.10	2	1.39	.03	.30	3	52
STD C/AU-R	19	57	39	132	7.3	69	27	913	4.11	43	19	8	37	49	18	14	19	56	.51	.087	37	58	.93	174	.08	32	1.80	.06	.13	11	510

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

GEOCHEMICAL ICP ANALYSIS

AUG 10 1987

.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-ROCK P3 TO P5-SOIL AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

DATE RECEIVED: JULY 30 1987 DATE REPORT MAILED: Aug 8/87 ASSAYER. ..DEAN TOYE, CERTIFIED B.C. ASSAYER

WESTERN CANADIAN MINING PROJECT-GOSSAN # 9102 File # 87-2844 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
687R-078	170	347	15	27	1.0	46	31	182	15.29	39	5	ND	1	42	1	2	2	35	.40	.079	2	13	.88	17	.10	2	1.57	.02	.78	1	310
687R-541	58	1755	16	35	1.5	25	12	297	4.93	12	6	ND	1	300	1	2	2	81	4.28	.074	2	22	.98	52	.15	2	6.58	.23	.64	1	220
687R-542	310	760	9	17	.9	33	11	88	5.03	20	5	ND	1	29	1	2	3	13	.23	.042	2	15	.35	39	.05	2	.96	.02	.43	1	250
PYCH-3-01	49	1199	3	34	.5	64	15	602	4.17	4	5	ND	1	89	1	2	2	85	1.18	.089	2	79	.97	20	.17	3	4.04	.26	.71	3	67
PYCH-3-02	40	1536	5	29	1.0	55	12	538	4.01	2	5	ND	1	90	1	2	2	85	1.27	.096	2	70	.93	24	.16	2	4.04	.25	.88	1	240
PYCH-3-03	58	1063	9	25	.6	39	8	600	2.80	2	5	ND	1	98	1	2	2	101	1.24	.103	2	85	1.09	22	.18	3	4.71	.27	.99	1	80
PYCH-3-04	128	369	7	15	.6	28	5	329	2.88	3	5	ND	2	61	1	2	2	65	.76	.114	2	60	.61	10	.18	2	2.50	.09	.24	1	61
PYCH-3-05	85	550	7	27	.5	34	16	662	8.73	2	6	ND	1	78	1	2	4	61	1.64	.070	2	57	.72	10	.14	2	3.21	.17	.46	1	500
PYCH-3-06	61	399	2	45	.2	52	9	851	5.45	7	6	ND	1	96	1	2	2	101	1.30	.094	2	74	1.82	21	.23	2	3.82	.25	.68	1	149
PYCH-3-07	45	200	10	45	.1	48	12	866	8.35	5	5	ND	1	79	1	2	2	111	1.46	.079	2	81	1.81	41	.22	2	3.76	.37	1.42	1	37
PYCH-3-08	102	846	5	37	.7	53	14	717	5.59	2	5	ND	1	83	1	2	2	119	1.62	.094	2	94	1.47	30	.22	2	3.97	.35	.97	2	57
PYCH-3-09	44	2294	3	32	1.3	53	13	602	4.32	3	8	ND	1	162	1	2	2	107	1.21	.115	2	72	1.04	12	.18	2	3.98	.25	.54	4	710
PYCH-3-10	66	568	7	30	.5	40	13	697	6.14	6	5	ND	2	119	1	2	10	112	.94	.114	2	73	1.27	13	.23	2	3.05	.04	.43	3	200
PYCH-3-11	52	985	10	28	.5	51	11	641	6.02	5	5	ND	1	69	1	2	2	107	1.25	.100	2	81	1.18	13	.22	2	3.91	.08	.52	1	107
PYCH-3-12	58	569	9	29	.4	33	15	650	6.50	8	5	ND	1	117	1	2	2	87	1.20	.123	2	36	1.16	9	.21	2	3.33	.03	.27	3	66
PYCH-3-13	80	1252	7	33	1.2	43	21	636	6.59	2	5	ND	1	246	1	2	2	103	1.14	.113	2	51	1.15	15	.23	2	3.38	.05	.27	1	105
PYCH-3-14	58	1571	4	34	1.2	31	15	593	6.53	2	5	ND	2	79	1	2	2	86	.87	.136	2	37	1.03	11	.20	2	3.50	.03	.30	1	129
PYCH-3-15	44	2447	4	35	1.9	53	13	498	5.14	3	5	ND	1	85	1	2	2	66	1.40	.094	2	37	.85	17	.19	2	3.26	.15	.49	1	182
PYCH-3-16	20	5887	15	62	3.9	40	44	1147	16.77	2	8	ND	2	99	2	2	2	103	2.66	.084	2	22	1.27	31	.20	2	3.80	.27	.82	1	161
PYCH-34	125	1334	4	20	1.4	27	13	260	5.53	10	5	ND	1	83	1	2	2	82	.82	.111	2	37	.57	20	.13	2	2.32	.09	.43	2	76
PYCH-35	114	1233	6	35	1.8	28	12	548	4.97	5	5	ND	1	152	1	2	2	85	2.10	.090	2	37	.95	39	.15	3	4.32	.38	.88	1	99
PYCH-36	130	712	2	26	1.3	20	8	249	2.64	2	5	ND	1	79	1	2	2	53	1.03	.120	2	24	.50	28	.12	2	2.31	.22	.56	1	71
PYCH-37	270	935	5	28	2.0	15	9	260	6.37	2	6	ND	1	77	1	2	8	62	.63	.103	2	22	.58	28	.14	2	1.77	.18	.61	1	99
PYCH-45	93	1525	4	50	1.7	26	13	527	6.40	4	5	ND	2	124	1	2	3	78	1.91	.070	2	38	1.07	50	.16	2	3.82	.22	1.01	1	200
PYCH-46	6	185	3	32	.5	4	5	483	3.62	2	8	ND	3	46	1	2	2	63	.68	.072	3	8	1.09	38	.13	2	2.21	.22	.89	1	15
PYCH-47	2	175	5	28	.2	4	5	426	3.57	2	5	ND	2	77	1	2	2	62	1.10	.071	3	7	1.06	41	.13	2	2.87	.31	.88	1	14
PYCH-48	57	1275	8	37	2.1	24	20	387	7.55	15	8	ND	2	162	1	2	2	97	1.62	.101	2	40	.83	37	.14	2	3.40	.26	.62	1	250
PYCH-49	63	453	9	25	1.2	30	20	144	10.17	18	5	ND	1	110	1	2	3	51	.71	.082	2	12	.48	29	.08	2	1.49	.13	.42	2	100
PYCH-50	83	1635	10	43	2.6	53	43	234	11.01	9	5	ND	1	80	1	2	3	83	.79	.104	2	57	.86	25	.09	2	1.88	.13	.59	2	260
PYCH-51	230	567	12	56	1.5	28	24	235	11.24	29	5	ND	1	113	1	2	3	72	1.04	.083	2	22	.66	24	.09	2	2.09	.15	.46	1	106
PYCH-52	25	825	4	39	1.4	17	13	261	5.57	8	7	ND	4	85	1	2	2	58	1.27	.167	2	12	.72	40	.10	2	2.23	.18	.44	1	83
PYCH-53	6	103	7	21	.1	4	6	267	4.13	4	5	ND	4	31	1	2	2	55	.40	.066	3	5	.84	28	.09	2	1.28	.12	.57	1	16
PYCH-54	4	126	7	30	.3	2	5	292	4.18	5	5	ND	4	35	1	2	2	60	.37	.070	4	7	.95	34	.11	2	1.39	.13	.75	1	19
PYCH-55	4	248	3	33	.4	4	5	311	3.52	2	5	ND	4	34	1	2	2	62	.52	.073	4	5	.97	32	.11	2	1.70	.15	.64	1	21
PYCH-56	123	2938	5	35	2.9	20	29	263	9.35	2	5	ND	1	69	1	2	2	85	.51	.081	2	9	1.60	25	.14	3	2.07	.19	1.28	1	330
PYCH-57	34	1357	7	37	1.3	17	19	400	7.40	7	5	ND	1	154	1	2	2	150	1.26	.091	2	18	2.35	57	.20	6	4.16	.32	1.78	1	123
STD C/AU-R	20	59	39	132	7.5	73	29	1022	4.14	41	18	8	39	52	19	17	20	61	.51	.093	39	64	.94	179	.08	36	1.80	.06	.15	13	500

WESTERN CANADIAN MINING PROJECT-GOSSAN #9102 FILE # 87-2844

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
PYCH-58	70	983	36	26	2.0	19	25	183	9.84	7	5	ND	1	63	1	3	2	49	.31	.076	2	7	1.37	35	.11	2	1.59	.12	.96	1	295
PYCH-59	302	813	22	21	.9	14	14	201	6.83	6	5	ND	1	130	1	2	2	68	.75	.074	2	13	1.32	38	.11	2	2.45	.15	.94	1	150
PYCH-60	65	1706	17	32	1.0	19	14	305	5.98	2	5	ND	1	137	1	2	2	104	1.30	.084	2	16	1.82	26	.12	14	4.16	.27	1.14	1	75

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: P1-SILT P2-ROCK AU* ANALYSIS BY AA FROM 10 GRAM SAMPLE.

JUL - 3 1987

DATE RECEIVED: JUNE 25 1987 DATE REPORT MAILED: July 2/87 ASSAYER. D.Toye ...DEAN TOYE, CERTIFIED B.C. ASSAYER

WESTERN CANADIAN PROJECT#9102 File [redacted] 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
687L-210	66	90	4	70	.1	3	9	644	2.97	8	5	ND	5	29	1	2	2	56	.48	.056	10	4	.50	71	.09	2	1.74	.06	.23	1	9
687L-211	19	158	14	196	.6	36	13	984	4.12	6	15	ND	2	83	2	2	2	55	1.34	.153	28	27	.59	188	.11	2	2.25	.03	.15	1	39
687L-212	19	2099	6	183	1.2	88	535	5336	4.18	10	5	ND	1	41	5	4	2	56	.48	.167	8	45	1.06	325	.17	6	4.23	.05	.25	5	260
687L-213	4	2539	2	237	.6	33	82	1024	.29	2	5	ND	1	57	8	2	2	4	1.36	.106	6	3	.08	70	.01	4	2.11	.01	.08	1	6

STREAM SEDIMENT GEOCHEMISTRY

WESTERN CANADIAN MINING PROJECT - GOSSAN #9102 FILE # 87-2394

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
687-L-400	16	145	7	157	.5	108	105	4786	10.04	12	5	ND	12	91	1	2	4	40	1.39	.147	5	9	.68	86	.13	6	1.06	.01	.05	3	6
687-L-401	22	141	7	174	.3	55	137	4156	3.91	9	5	ND	11	85	3	2	2	25	.50	.180	9	7	.89	130	.06	3	3.07	.01	.03	3	8
687-L-402	15	110	14	264	.7	29	81	2620	6.41	7	5	ND	6	75	3	3	2	38	.56	.240	16	7	1.22	137	.11	2	2.42	.01	.06	3	26
687-L-403	6	70	8	135	.4	12	29	2263	4.51	8	5	ND	8	69	1	2	2	32	.72	.166	13	8	1.27	162	.08	19	1.65	.01	.05	4	10
687-L-404	20	159	167	342	1.9	7	31	3026	8.97	5	5	ND	6	44	2	2	6	29	.55	.184	11	2	1.52	171	.08	2	1.66	.01	.05	4	150
687-L-405	3	92	38	83	.5	5	5	401	13.55	13	5	ND	3	163	1	2	3	28	.14	.254	13	4	.48	122	.09	2	.95	.03	.07	4	21
687-L-406	6	130	42	98	.8	5	9	823	7.96	10	5	ND	4	120	1	2	7	27	.14	.233	8	7	.68	173	.09	2	.98	.02	.06	1	15
687-L-407	6	377	39	166	.6	7	23	1340	4.77	8	5	ND	5	50	1	2	5	32	.37	.138	8	7	.76	123	.08	2	1.39	.01	.09	1	120
687-L-408	7	141	89	159	.7	7	13	880	7.91	15	5	ND	2	157	1	2	4	31	.19	.254	8	7	.73	171	.10	2	1.27	.03	.09	3	25
687-L-409	23	829	37	1055	4.0	65	30	1342	8.22	50	5	ND	3	36	6	3	9	65	.22	.164	10	75	1.77	114	.19	26	2.11	.03	.72	8	1090
687-L-410	7	305	33	681	1.5	50	18	1333	5.13	21	5	ND	3	29	5	3	2	67	.38	.110	7	53	1.81	270	.20	2	2.05	.02	.81	4	150
687-L-411	17	247	32	333	.6	23	23	924	5.84	21	5	ND	1	49	2	2	4	97	.59	.096	5	26	1.74	190	.24	2	2.20	.01	.45	8	49
687-L-412	5	65	14	98	.1	11	9	980	2.94	5	5	ND	2	30	1	2	2	35	.19	.131	14	13	.53	76	.07	2	1.54	.02	.10	1	6
687-L-600	21	223	19	113	.4	7	19	1340	4.13	13	9	ND	5	87	1	2	3	32	.77	.151	16	7	.82	377	.10	2	1.29	.03	.07	1	22
687-L-601	24	113	33	121	.7	8	36	2557	5.64	9	7	ND	6	95	1	2	2	36	.72	.171	14	2	1.09	373	.08	2	1.58	.02	.07	1	3
687-L-602	10	38	32	169	.4	12	9	907	2.36	192	5	ND	2	101	2	111	2	32	1.10	.103	19	13	.80	149	.09	4	1.52	.01	.09	4	1
687-L-603	15	25	20	107	.4	6	6	484	1.75	6	13	ND	2	84	1	2	2	31	.74	.103	16	11	.57	172	.08	2	1.37	.02	.04	1	5
687-L-604	17	140	48	192	.5	7	26	1453	4.36	19	5	ND	3	68	1	5	2	32	.75	.154	16	9	.77	319	.07	2	1.38	.01	.11	3	13
687-L-605	72	218	18	68	1.2	33	5	285	6.68	22	5	ND	1	44	1	5	5	81	.17	.195	6	60	1.57	116	.23	2	1.48	.02	.94	9	165
STD C/AU-S	21	58	42	133	7.1	70	30	991	4.00	40	24	8	36	51	19	13	20	59	.50	.094	40	62	.91	184	.09	36	1.74	.07	.15	14	47

APPENDIX II

PETROGRAPHIC REPORT

AUG 24 1987

VP

Vancouver Petrographics Ltd.

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Report for: Brian Butterworth,
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Invoice 6656
August 1987

Samples: PY-01, -02, -03
SE-3270, -3530, -3850, -3880, -3950

Summary:

Rocks are grouped into intermediate volcanic rocks and hypabyssal to deeper-seated intrusive rocks. All were metamorphosed and altered moderately to strongly. Mafic phenocrysts are replaced by chlorite, and plagioclase phenocrysts commonly are altered to sericite. The stable metamorphic assemblage in volcanic rocks is sericite-chlorite-quartz-epidote-apatite-Ti-oxide.

1. Volcanic rocks

Latite: commonly with plagioclase phenocrysts and much less abundant ones of biotite and/or hornblende and apatite; groundmass dominated by plagioclase with only minor quartz.

SE-3850 cut by abundant quartz-magnetite-(chlorite) veins; magnetite disseminated in rock

PY-01 hornfelsed with secondary biotite; replacement veins and patches of quartz-pyrite-chalcopyrite-apatite. rock contains more groundmass quartz than normal - possibly dacitic or quartz latitic in composition.

PY-02 no phenocrysts, abundant, possibly secondary K-feldspar, abundant quartz-pyrite-(chalcopyrite) veins and patches

PY-03 disseminated pyrite with minor pyrrhotite inclusions

SE-3950 volcanic breccia/lapilli tuff(?) (small sample); fragments of andesite, cherty latite, hypabyssal latite? in latite groundmass

2. Hypabyssal Granodiorite/Quartz Monzonite

probably related in origin to latite, phenocrysts of plagioclase, biotite, apatite, quartz, hornblende in groundmass dominated by K-feldspar, with lesser quartz and plagioclase and moderately abundant magnetite. Minor chalcopyrite.

SE-3880

(continued)

3. Metamorphosed Quartz Diorite

SE-3530 medium grained; plagioclase replaced moderately by epidote, sericite, biotite replaced by chlorite±epidote abundant quartz

SE-3270 porphyritic, with plagioclase phenocrysts and minor ones of biotite, hornblende, and apatite in a groundmass of plagioclase, quartz, and epidote, with lesser biotite and K-feldspar. Plagioclase is altered to sericite-epidote, and biotite is altered to chlorite. Pyrite forms disseminated grains and is altered to hematite.

John G Payne
John G. Payne

SE 3270 Metamorphosed Porphyritic Potassic Quartz Diorite

The rock contains plagioclase and minor mafic phenocrysts (biotite and hornblende) in a groundmass dominated by plagioclase, quartz, and epidote, with lesser biotite and K-feldspar, and with moderately abundant apatite. Mafic phenocrysts are altered to epidote-chlorite, and plagioclase is partly altered to sericite-epidote.

phenocrysts	
plagioclase	30-35%
biotite	2- 3
hornblende	1½-2
apatite	1
groundmass	
plagioclase	17-20
quartz	12-15
epidote	15-17
biotite	7- 8
K-feldspar	7- 8
Ti-oxide	0.2
pyrite/hematite	0.3
sphene	0.1

Plagioclase forms subhedral prismatic phenocrysts from 1.5-2 mm in average size. They are variably altered to patches of epidote and of sericite, with alteration intensity from moderate to locally strong.

Biotite forms a few flakes up to 2 mm in size; these grade down in size to that of biotite in the groundmass (0.3-1 mm). It is altered completely to pseudomorphic chlorite with patches of epidote. The latter ranges widely in abundance, from minor disseminated grains to fine grains occupying about half of the patch.

Hornblende forms a few phenocrysts up to a few mm in size. It is completely replaced by aggregates of very fine to fine grained epidote with or without minor chlorite and quartz.

Apatite forms subhedral to euhedral grains from 0.5-1 mm in size, as well as much finer grains in the groundmass.

In the groundmass, plagioclase forms irregular grains from 0.05-0.3 mm in size. Alteration is similar to that in phenocrysts. K-feldspar forms grains from 0.1-0.4 mm in average size; it contains abundant dusty hematite. Quartz forms anhedral grains averaging 0.1-0.25 mm in size. Epidote forms irregular to subhedral patches up to 1 mm in size. Some probably represent completely altered plagioclase or hornblende.

Ti-oxide forms patches up to 0.3 mm in size; some patches contain opaque cores (ilmenite?). Sphene forms a few anhedral grains from 0.1-0.2 mm in size associated with chlorite, and one euhedral rhombic grain 0.6 mm across.

Pyrite forms anhedral, equant grains averaging 0.2-0.5 mm in size, and a very few euhedral cubic grains up to 0.2 mm across. It is altered strongly to completely to deep red-brown hematite.

A few grains of biotite(?) oriented parallel to the plane of the section show Ti-oxide in a network of planes along crystallographic directions in the original grain. Zones between Ti-oxide plates are composed of chlorite and sericite.

SE 3530 Metamorphosed, Altered Quartz Diorite

The rock is a medium grained quartz diorite dominated by plagioclase and quartz, with minor biotite, apatite, and Ti-oxide. It was metamorphosed and partly recrystallized, with plagioclase replaced moderately by epidote and sericite, and biotite replaced completely by chlorite and minor epidote. The rock contains a few seams and patches of more strongly deformed rock with abundant epidote alteration.

plagioclase		
fresh	40-45%	
sericite alteration		12-15
epidote alteration		12-15
quartz	25-30	
chlorite after biotite		1½-2
apatite		½- 1
Ti-oxide		1- 1½
zircon		trace

Plagioclase forms anhedral grains up to 1.5 mm in size. Many show evidence of slight cataclastic deformation, and their very irregular outlines probably were formed during recrystallization at the time of deformation. Some parts of the rock contain relatively fresh plagioclase. Elsewhere, it is altered moderately to very strongly to very fine grained sericite. In still other parts of the rock it is moderately to strongly replaced by irregular patches of very fine to medium grained epidote.

Quartz forms anhedral grains averaging 0.5-1 mm in size. Grains commonly show strained extinction, and in a few places, grains are recrystallized along borders to extremely fine grained aggregates.

Biotite forms flakes averaging 0.2-0.5 mm in size. It is replaced completely by pseudomorphic chlorite with minor patches of very fine grained epidote.

Apatite forms irregular grains up to 1.5 mm in size. Many of these are moderately fractured, and some have minor sericite on fractures. A few much finer grains of apatite have subhedral, prismatic outlines.

Ti-oxide forms irregular patches up to 0.5 mm across, and wispy seams up to 1 mm in length. These probably are secondary after ilmenite. They commonly are associated with chlorite.

Zircon forms one subangular, equant grain 0.07 mm across.

The rock contains a few discontinuous seams and patches in which grains were strongly granulated. Such zones contain moderate to abundant epidote alteration.

SE 3850 Porphyritic Latite cut by Quartz-Magnetite-Chlorite Veins

The rock contains abundant plagioclase phenocrysts and lesser ones of biotite and apatite in a very fine grained groundmass dominated by plagioclase with minor chlorite and magnetite. Plagioclase is largely altered to sericite, and biotite is altered completely to chlorite-(Ti-oxide). The rock is cut by a few veins up to 4 mm wide of quartz with patches and seams of magnetite and lesser chlorite. Note: thin section only.

phenocrysts		veins	
plagioclase	12-15%	quartz	35-40%
biotite	1½-2	magnetite	3- 4
apatite	1- 1½	chlorite	1
groundmass			
plagioclase	30-35		
chlorite	2- 3		
magnetite	1- 1½		
Ti-oxide	0.2		

Plagioclase forms subhedral to euhedral phenocrysts averaging 0.5-1.2 mm in length, with a few up to 3 mm long. In much of the rock, these are altered completely to dense, extremely fine grained aggregates of sericite with locally minor fine grained quartz. A few single grains and clusters of grains of plagioclase phenocrysts are only slightly altered to sericite; these are concentrated in vague zones up to several mm across.

Biotite forms ragged phenocrysts up to 0.7 mm in size. They are equant to elongate in outline. Alteration is complete to pseudomorphic chlorite and minor to moderately abundant, very fine to extremely fine grained patches of Ti-oxide. Associated with some are clusters of very fine grained magnetite. Several phenocrysts contain replacement patches of dense sericite as in the plagioclase phenocrysts. It is probable that some of the sericite alteration is associated with the quartz-magnetite-chlorite veins.

Apatite forms anhedral to subhedral, commonly equant grains from 0.1-0.4 mm in size. A few coarser grains are slightly fractured, and fractures filled by quartz and, in one grain, a muscovite flake 0.15 mm long.

The groundmass is dominated by anhedral, equant plagioclase grains averaging 0.02-0.05 mm across. Associated with plagioclase is minor to abundant extremely fine grained sericite. Scattered grains of quartz and a few aggregates of quartz may be secondary, associated with the sericite alteration and/or veins.

Chlorite forms irregular patches up to 0.5 mm in size of very fine to extremely fine grained aggregates. A few patches contain minor to moderately abundant quartz, and others contain minor to abundant magnetite. Chlorite commonly is concentrated around larger grains or aggregates of magnetite.

Magnetite forms disseminated grains and clusters of grains averaging 0.02-0.05 mm in size.

Ti-oxide forms equant grains averaging 0.02-0.03 mm in size, associated with magnetite and with chlorite.

The veins have sharp borders, and are dominated by quartz aggregates averaging 0.1-0.2 mm in grain size. Textures suggest that quart was recrystallized. Magnetite forms patches up to 2 mm across, averaging less than 0.5 mm, and discontinuous trains of much finer, irregular grains. Chlorite commonly is concentrated along borders of magnetite, and locally forms larger patches up to 0.7 mm across of very fine grained aggregates associated with minor to moderately abundant magnetite.

SE 3880 Porphyritic Hypabyssal Granodiorite/Quartz Monzonite

The rock contains phenocrysts of plagioclase and much fewer ones of biotite, hornblende, quartz, and apatite in a very fine grained groundmass dominated by K-feldspar with lesser quartz and plagioclase. Magnetite forms clusters, disseminated grains and veinlets. The rock is cut by veins of quartz-K-feldspar.

phenocrysts		
plagioclase	20-25%	
biotite	2- 3	
quartz	one	
hornblende	one	(altered)
apatite	0.2	
groundmass		
K-feldspar	35-40	
quartz	12-15	
plagioclase	10-12	
magnetite	4- 5	
Ti-oxide	0.2	
epidote	2- 3	
chlorite	1- 2	
sphene	minor	
chalcopyrite	minor	

veins	
quartz-K-feldspar-(magnetite)	2-3%
magnetite	0.2

Plagioclase forms subhedral to euhedral phenocrysts averaging 1-1.7 mm in size, with a few up to 3 mm long. Most are altered strongly to extremely fine to very fine grained aggregates of sericite. Some also contain irregular patches of epidote up to 0.4 mm in size. A few epidote patches up to 1.5 mm across may represent completely altered plagioclase phenocrysts.

Biotite forms scattered phenocrysts up to 1.5 mm in size. They are equant in outline, and altered completely to pseudomorphic chlorite with wispy lenses of epidote along cleavage planes.

Quartz forms one equant phenocryst 0.9 mm across. It has ragged, slightly embayed borders against the groundmass.

Hornblende forms one or two phenocrysts up to 1 mm long. They are prismatic in outline, but the borders are destroyed by complete alteration to a fine to very fine grained, intergrowth of quartz, chlorite, and magnetite, with minor sericite.

Apatite forms subhedral prismatic grains up to 0.7 mm in length. It is moderately concentrated as anhedral to subhedral grains near a large patch of magnetite.

The groundmass is dominated by an intergrowth of K-feldspar and lesser plagioclase averaging 0.05-0.1 mm in grain size, and grains and patches of quartz, ranging from 0.05-0.3 mm in grain size. A few coarser K-feldspar grains up to 1 mm in size may be original phenocrysts or may be altered plagioclase phenocrysts. K-feldspar contains dusty hematite inclusions. Plagioclase in the groundmass generally is fresh, except for a few ragged grains, which are slightly to moderately altered to sericite, and which may represent partially resorbed, early-formed grains.

Magnetite forms equant grains and clusters of grains averaging 0.1-0.3 mm in size. Clusters commonly consist of extremely fine to very fine grained aggregates. One large cluster 1.5 mm across consists of coarser grains of magnetite up to 0.5 mm in size.

Ti-oxide occurs with very fine grained aggregates of magnetite. It forms anhedral grains up to 0.2 mm in size.

(continued)

Epidote forms irregular, very fine to fine grained patches, which probably represent altered plagioclase phenocrysts.

Chlorite forms disseminated grains and patches up to 0.15 mm in size.

Sphene forms anhedral grains averaging 0.03-0.05 mm in size.

Chalcopyrite forms very irregular grains and patches averaging 0.05-0.2 mm in size. With pyrrhotite it forms inclusions up to 0.02 mm in size in magnetite.

The rock is cut by a few veinlets up to 0.3 mm in width of fine to very fine grained quartz with patches of K-feldspar and scattered magnetite grains. A few discontinuous veinlets up to 0.15 mm wide consist of very fine to fine grained magnetite.

SE 3950 Volcanic Breccia (Latite/Andesite)

The rock contains fragments up to 2 cm in size of a few rock types. The sample is too small to determine which type of fragment is dominant, or if one of the rock types is the groundmass. Minor evidence suggests that the rock contains fragments of andesite and cherty latite in a groundmass of very fine grained latite.

andesite

This rock type forms a large fragment up to 2 cm across at one end of the section.

sericite	60-65%
chlorite	12-15
epidote	12-15
plagioclase	4- 5
quartz	4- 5
apatite	1
Ti-oxide	0.3

Sericite forms extremely fine grained aggregates containing minor relics of plagioclase. Too little plagioclase is preserved to indicate the primary texture.

Chlorite forms irregular patches of very fine grains associated with lesser epidote and/or Ti-oxide. It also occurs in intimate intergrowths with sericite.

Epidote forms irregular to subhedral patches up to 1.5 mm in size, with grains up to 0.5 mm in size. Commonly it is not associated with chlorite, and less commonly is coarsely to finely intergrown with minor to moderately abundant chlorite.

Plagioclase forms scattered, relatively fresh grains, in part associated with quartz. These appear to be secondary, and probably are more sodic in composition that that plagioclase which was altered to sericite.

Quartz forms patches and interstitial grains averaging 0.05-0.1 mm in size.

Apatite forms equant, irregular grains and aggregates up to 0.5 mm in size. Some grains are irregularly fractured. Most contain dusty to extremely fine grained brown inclusions.

Ti-oxide forms extremely fine grained patches with chlorite or alone.

cherty latite

At the opposite end of the sample from the andesite fragment is a patch up to 1.5 mm in size of extremely fine grained plagioclase (possibly with some quartz), with a few slightly coarser grained patches. Sericite forms minor, extremely fine grains and aggregates. The fragment contains minor patches of extremely fine to very fine grained chlorite with minor Ti-oxide. It is cut by a vein 0.2 mm wide of very fine grained quartz. The vein does not extend beyond the borders of the fragment. Nearby is a similar patch 3 mm across, in which sericite is much more abundant, and the texture grades somewhat into that of the groundmass latite.

hypabyssal latite?

At one side of the rock is a patch up to 3 mm across dominated by an intergrowth of fine grained plagioclase altered slightly to moderately to sericite. Chlorite and much less Ti-oxide forms fine to very fine grained aggregates occupying 20% of the patch.

(continued)

latite groundmass(?) (50% of sample)

This rock contains plagioclase phenocrysts in a variable groundmass dominated by sericite. It may be fragmental (tuffaceous) in origin, but alteration has obscured original textures.

phenocrysts (crystal fragments)	
plagioclase	10-15%
groundmass	
sericite	75-78
plagioclase	4- 5
quartz	4- 5
chlorite	1
epidote	0.5
Ti-oxide	0.3
apatite	minor
muscovite	trace

Plagioclase forms phenocrysts from 0.2-0.6 mm in size. They have diffuse borders and are altered completely to extremely fine grained sericite. A few contain patches of slightly coarser grained sericite, with or without minor quartz.

One crystal, 1.5 mm in size contains more abundant quartz and minor epidote. Another up to 2 mm in size contains moderately abundant Ti-oxide intergrown with sericite; this phenocryst may have been a mafic phenocrys (hornblende?)

The groundmass is dominated by extremely fine grained sericite, with very fine grained patches and disseminations of quartz, sodic plagioclase, chlorite, and minor epidote. Ti-oxide forms extremely fine grained patches with chlorite. Apatite forms a few grains up to 0.2 mm in size and aggregates of finer grains. As in the andesite, grains contain dusty hematite inclusions. Muscovite forms a few flakes up to 0.1 mm long.

PY-01   Hornfelsed Porphyritic Dacite with Replacement Quartz-Pyrite-(Chalcopyrite-Apatite)

The rock contains phenocrysts of plagioclase in a very fine grained groundmass dominated by plagioclase and much less quartz. The rock was hornfelsed and altered; secondary biotite is abundant in the groundmass, and has obscured primary textures. The rock contains replacement veins and patches dominated by quartz and pyrite, with lesser chalcopyrite and apatite, and minor sphalerite.

phenocrysts		
plagioclase	17-20%	(possibly higher, texture obscured by alteration and recrystallization)
groundmass		
plagioclase	35-40	
biotite	12-15	
quartz	4- 5	
Ti-oxide	0.3	
garnet	0.2	
apatite	0.3	
replacement minerals		
quartz	12-15	
pyrite	5- 7	
chalcopyrite	1- 1½	
apatite	½- 1	

sphalerite	minor
pyrrhotite	trace
molybdenite	trace
limonite	0.1

Plagioclase forms prismatic phenocrysts up to 1.5 mm in size, and clusters of pheoncrysts of somewhat smaller size. These are altered strongly to extremely fine grained sericite and biotite, and commonly original textures are obscured or destroyed. A few phenocrysts are altered to patches of extremely fine grained epidote.

Groundmass plagioclase is strongly replaced by biotite and sericite, and original textures are destroyed. Grain size probably was of the order of 0.05-0.1 mm.

Biotite forms aggregates of anhedral, equant flakes averaging 0.02-0.05 mm in size. Pleochroism is from pale to light brown to greenish brown. Textures are typical of secondary biotite formed in contact metamorphic aureoles.

Quartz forms interstitial grains and patches averaging 0.02-0.08 mm in grain size. It is difficult to distinguish groundmass quartz from secondary quartz.

Ti-oxide forms disseminated patches of extremely fine grains, mainly intergrown with silicates. The largest patch is 0.3 mm across.

Garnet forms anhedral, equant grains averaging 0.05-0.1 mm in size. Textures are unusual for garnet, because it generally forms coarser grained porphyroblasts. Some grains appear to have been altered to extremely fine grained aggregates of chlorite.

Apatite forms scattered, subhedral to anhedral grains up to 0.1 mm in size.

Replacement veins and patches are up to a few mm across. They are dominated by quartz averaging 0.05-0.2 mm in grain size. Quartz appears to have been recrystallized during deformation after the replacement, and locally forms parallel aggregates in pressure shadows of pyrite.

Pyrite forms anhedral to locally subhedral grains from 0.08-1 mm in average size, with a few patches of pyrite up to a few mm across. Some grains contain inclusions averaging 0.02-0.03 mm in size of chalcopyrite and/or pyrrhotite.

Chalcopyrite also occurs as grains averaging 0.03-0.1 mm in size disseminated in quartz, and as patches up to 0.5 mm in size adjacent to pyrite.

(continued)

PY-01 (page 2)

Sphalerite forms a few equant grains with irregular outlines averaging 0.05-0.08 mm in size. It is reddish brown to brown in color. Grains are associated with coarser grains and patches of pyrite.

Molybdenite forms a platy grain 0.06 mm in length.

Limonite forms patches up to 0.3 mm in size adjacent to pyrite grains and chalcopyrite grains. It is a secondary replacement of one or both minerals.

Covellite occurs as a halo up to 0.1 mm across around a grain of chalcopyrite 0.03 mm in size.

Apatite forms anhedral to locally subhedral grains and aggregates averaging 0.05-0.15 mm in size; these are scattered through patches of replacement quartz, and locally are intergrown with sulfides

PY-02 Latite, replaced by Quartz-Pyrite

The rock is a very fine to extremely fine grained latite dominated by feldspars with much less sericite/muscovite and biotite, both probably of secondary origin. It is replaced by patches and veinlets of quartz-pyrite up to 2.5 mm in width.

plagioclase/K-feldspar	65-70%
biotite	4- 5
sericite/muscovite	7- 8
Ti-oxide	0.5
apatite	0.3
chlorite	0.3
sphene	trace
pyrite ± hematite	10-12
chalcopyrite	minor
pyrrhotite	trace
quartz	10-12

Plagioclase and K-feldspar form aggregates of anhedral grains, which range in patches from extremely fine to locally fine grained, with grain size in coarsest patches up to 0.15 mm. The stain on the offcut block suggests that the minerals are present in about equal amounts. It is possible that some or all of the K-feldspar is secondary, but textures are too fine grained and obscure to tell. Plagioclase is slightly to moderately altered to extremely fine grained sericite, which grades locally up to muscovite flakes as coarse as 0.1 mm in length.

Biotite forms patches and single grains averaging 0.02-0.03 mm in size, with a few flakes up to 0.07 mm across. Pleochroism is from pale to light brown. Textures suggest that biotite is secondary and that the rock has been subjected to contact metamorphism.

Ti-oxide forms dusty patches up to 0.5 mm in size and coarser grains averaging 0.02-0.03 mm in size. A few grains are up to 0.1 mm across.

Apatite forms clusters up to 0.8 mm in size of anhedral, equant grains averaging 0.02-0.04 mm across, with a few grains up to 0.1 mm across.

Chlorite forms a few patches up to 0.2 mm in size, and occurs along borders of some patches of pyrite. It commonly contains minor Ti-oxide.

Sphene forms a very few anhedral grains up to 0.15 mm across.

The rock contains veinlets and patches of quartz and pyrite, with quartz dominant in the veinlets and pyrite in the patches. Quartz forms anhedral aggregates averaging 0.03-0.08 mm in grain size. Pyrite forms anhedral grains with irregular to subrounded borders. They range widely in grain size from extremely fine up to 2 mm. Larger pyrite grains commonly contain minor to several inclusions up to 0.1 mm in size of chalcopyrite and/or pyrrhotite. Chalcopyrite also forms a few grains up to 0.07 mm in size away from pyrite; one of these is rimmed by a thin shell of covellite.

Pyrite patches locally contain anhedral to subhedral zones up to 0.9 mm in size replaced by red-brown hematite.

PY-03 Porphyritic Latite

The rock contains abundant plagioclase and much fewer mafic phenocrysts in an extremely fine grained groundmass dominated by plagioclase with patches of biotite. Alteration of phenocrysts is patchy to epidote. The rock contains disseminated pyrite.

phenocrysts				
plagioclase	25-30%	(includes 8-10% epidote alteration)		
hornblende(?)	3- 4			
apatite	0.5			
groundmass				
plagioclase ± K-feldspar	60-65			
biotite	5- 7			
pyrite	2- 3			
Ti-oxide	0.3			
chlorite	0.1			
calcite	0.1		quartz	0.1
pyrrhotite	trace			
zircon	trace			

Plagioclase forms subhedral to euhedral phenocrysts averaging 0.5-1.5 mm in size. They are variably altered to disseminated sericite and minor chlorite and patches of very fine to fine grained epidote. Epidote alteration completely replaces some plagioclase phenocrysts. A few grains are altered to patches or veinlets of calcite, with or without minor very fine grained muscovite.

Mafic phenocrysts, probably originally hornblende, form prismatic grains up to 1 cm in length, averaging 1-2 mm. They are altered completely to aggregates of very fine to fine grained epidote and/or biotite, with locally abundant calcite and chlorite, and minor quartz.

Apatite forms subhedral prismatic phenocrysts from 0.2-0.5 mm in average length.

The groundmass is dominated by anhedral, extremely fine grained plagioclase with minor K-feldspar. Grains are anhedral and average 0.01-0.02 mm in size. The groundmass shows a weak flow foliation which is warped around some of the plagioclase phenocrysts. Biotite forms irregular patches and lenses from 0.3-1 mm in average size. These consist of very fine grained aggregates of flakes averaging 0.05-0.1 mm in size. Pleochroism is from pale to light or medium brown. Some patches have very ragged outlines against plagioclase groundmass, and others appear to grade in texture into altered phenocrysts. Some patches contain disseminated epidote and Ti-oxide.

Pyrite forms disseminated, anhedral grains from 0.03-0.5 mm in average size, with a few up to 1 mm across. Several grains contain inclusions of pyrrhotite from 0.02-0.08 mm in size.

Ti-oxide forms lensy patches up to 0.5 mm in size of extremely fine to very fine grained aggregates. These commonly consist of two phases, an inner zone of higher reflectivity surrounded by grains of lower reflectivity. Both types show similar internal reflection.

Chlorite forms a very fine grained aggregate in one patch with biotite; this may be an altered mafic phenocryst.

Calcite forms a few interstitial patches up to 0.5 mm in size, in part associated with pyrite.

Quartz occurs on borders of pyrite, with or without calcite. It has a wavy extinction in grains up to 0.1 mm in size.

Zircon forms one euhedral prismatic grain 0.1 mm in length.


BRONSON GLACIER
BOUNDARY GLACIER
WEST KHYBER GLACIER
NORTH PYRAMID GLACIER
ICE
PRETTY WILD ICE FALL
SOUTH PYRAMID GLACIER
PANORAMA GLACIER
WEST SERICITE GLACIER
LAKE GLACIER
378000 E.
380000 E.
382000 E.
384000 E.
6276000 N.
6274000 N.
6272000 N.
6270000 N.
412 [65,14,98,0.1,5,6]
410 [305,33,681,1.5,21,150]
409 [829,37,1055,4.0,50,1090]
411 [247,32,333,0.6,21,49]
605 [218,18,68,1.2,5,165]
213 [2539,2,237,0.6,2,6]
212 [2099,6,183,1.2,10,260]
211 [158,14,196,0.6,6,39]
210 [90,4,70,0.1,8,9]
LEGEND
210 [90,4,70,0.1,8,9] STREAM SEDIMENT SAMPLE LOCATION and SAMPLE NUMBER.
[Cu(ppm), Pb(ppm), Zn(ppm), Ag(ppm), As(ppm), Au(ppb)]
SCALE 1:10,000
200 100 0 200 400 600 800 Metres
GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,931
WESTERN CANADIAN MINING CORP.
GOSSAN PROJECT---- 1987
PYRAMID HILL / KHYBER PASS AREA
STREAM SEDIMENT GEOCHEMISTRY
COMPILED BY, BKBBTCHEROWOBTH
DRAFTED BY H. HOLM
DATE OCTOBER, 1987
RPT. 988
N.T.S. 104 B/10W
FIGURE 19

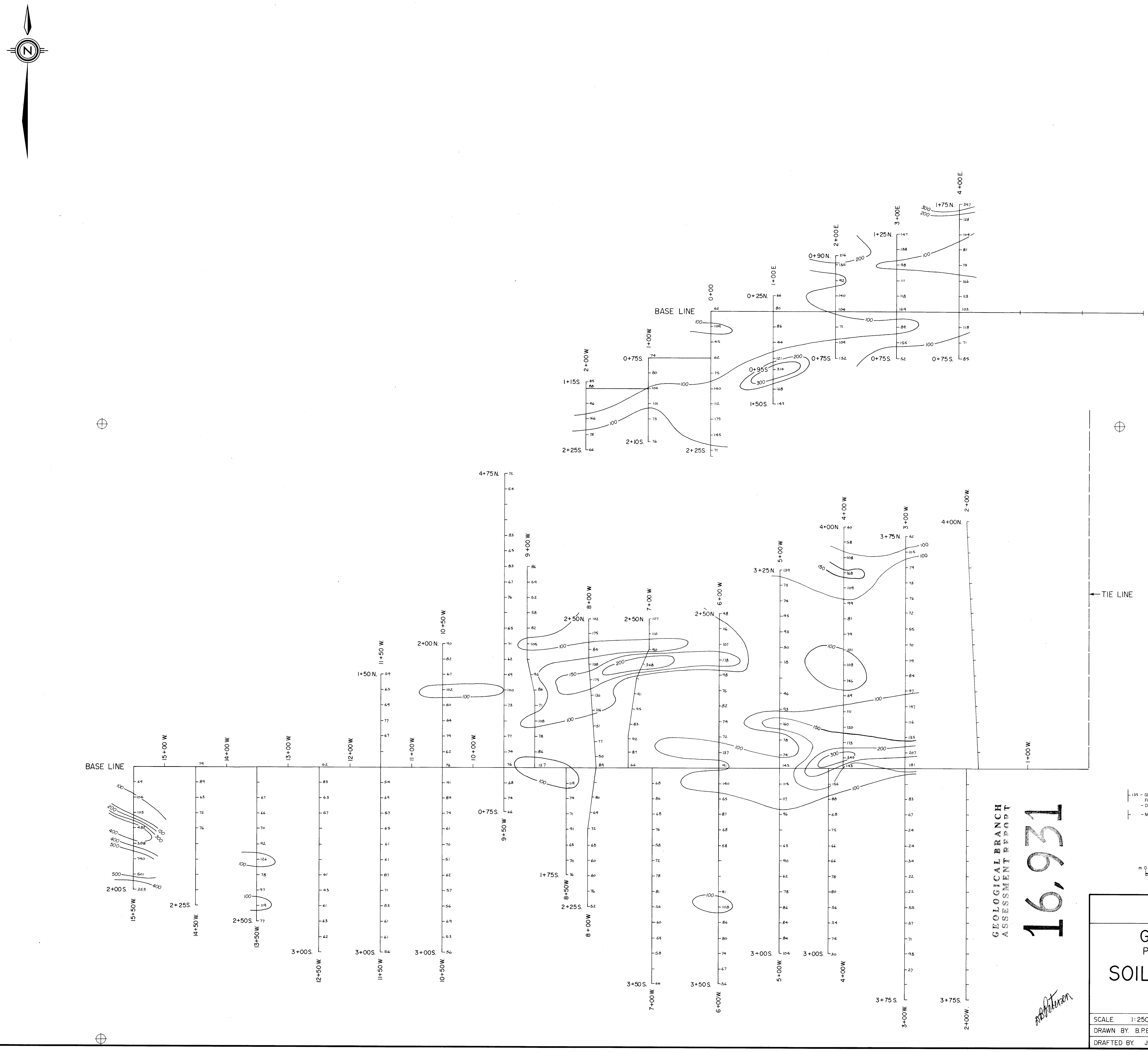

N
384000 E.
386000 E.
6272000 N.
6270000 N.
6266000 N.
384000 E.
West Sericite Glacier
Lake Glacier
Nee Glacier
North Pins Glacier
10+50
4+95
0+00
604[140,48,192,0.5,19,13]
603[25,20,107,0.4,6,5]
408[141,89,159,0.7,15,25]
602[38,32,169,0.4,192,1]
407[377,39,166,0.6,8,120]
601[113,33,121,0.7,9,3]
406[130,42,98,0.8,10,15]
600[223,19,113,0.4,13,22]
405[92,38,83,0.5,13,21]
404[159,167,342,1.9,5,150]
403[70,8,135,0.4,8,10]
402[110,14,264,0.7,7,26]
401[141,7,174,0.3,9,8]
400[145,7,157,0.5,12,6]
WEST RIDGE
SOIL GEOCHEMISTRY
56,37,83,1.0,16
82,53,227,0.9,41
10+50
30,29,63,0.2,11
29,21,57,0.5,32
130,19,112,0.5,8
98,44,180,2.1,38
49,44,166,1.0,36
147,69,219,1.2,12
69,40,156,1.5,22
71,30,132,0.9,23
57,19,104,0.1,32
121,23,140,0.4,79
130,47,224,0.5,10
82,41,175,0.4,21
85,48,171,0.7,109
137,63,271,0.7,11
132,52,232,0.6,21
152,49,222,0.1,42
55,36,154,0.8,53
51,36,178,0.5,220
85,32,110,0.4,18
0+00 - 123,46,101,0.9,230
123,19,87,1.5,63
68,29,113,2.6,83
4+95
87,34,122,0.4,42
52,50,173,0.2,3
78,22,125,0.9,48
39,30,139,1.4,35
49,32,115,5.4,1190
37,48,146,0.5,1
25,18,114,2.8,185
68,42,156,0.6,66
0+00 — 84,40,197,0.7,6
LEGEND
x Cu(ppm),Pb(ppm),Zn(ppm),Ag(ppm),Au(ppb)
SCALE: 1:5,000
LEGEND
400[145,7,157,0.5,12,6] SILT SAMPLE LOCATION with SAMPLE NUMBER.
[Cu(ppm),Pb(ppm),Zn(ppm),Ag(ppm),As(ppm),Au(ppb)]
GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,931
WESTERN CANADIAN MINING CORP.
1987
GOSSAN PROJECT
SERICITE EAST STREAM SEDIMENT
and
WEST RIDGE SOIL GEOCHEMISTRY
COMPILED BY: B.P.B
DRAFTED BY: H.H.
DATE: OCTOBER, 1987
N.T.S.: 104 B/10
RPT. No. 988
SCALE 0 100 200 300 400 500 metres 1:10,000
FIGURE: 18


LOCATION MAP
SCALE: 1:50,000
GOSSAN PROPERTY
SURVEY AREA
SNIPPAKER CREEK
SNIPPAKER AIRSTRIP and BASE CAMP
GOSSAN 6 L.C.P.
ICE
56°30'
130°50'
385,000E
386,000E
6,272,000N
6,271,000N
BASELINE
SNIP 2 Claim
GLACIAL MORAINE
GLACIER
High Point+1616m
LEGEND
Claim Boundary
Stream
Grid Station Location with Geochemical Value for Zinc in ppm.
Contoured at 100,150,200,300,400,500,600,700,& 800ppm.
NS No Sample
GEOLOGICAL BRANCH ASSESSMENT REPORT
16,931
WESTERN CANADIAN MINING CORP.
1987
GOSSAN PROJECT
SERICITE EAST GRID
SOIL GEOCHEMISTRY
ZINC in PPM.
GOSSAN 6 M.C.
COMPILED BY: S.C., D.B.etal.
DATE: AUGUST, 1987
DRAFTED BY: H.H.
N.T.S.: 104B/10W
RPT. No. 988
SCALE 0 25 50 75 100 125metres 1:2,500
FIGURE: 17


LOCATION MAP
SCALE: 1:50,000
GOSSAN PROPERTY
SURVEY AREA
SNIPPAKER CREEK
SNIPPAKER AIRSTRIP and BASE CAMP
GOSSAN 6
L.C.P.
ICE
56°30'
130°50'
385,000E
386,000E
6,272,000N
6,271,000N
BASELINE
SNIP 2 Claim
GLACIAL MORAINE
GLACIER
High Point=1616m.
LEGEND
Claim Boundary
Stream
Grid Station Location with Geochemical Value for Copper in ppm.
Contoured at 150, 200, 250, 350, 450, 550, 650, 750, & 1000 ppm.
NS No Sample
GEOLOGICAL BRANCH ASSESSMENT REPORT
16,931
WESTERN CANADIAN MINING CORP.
1987
GOSSAN PROJECT
SERICITE EAST GRID
SOIL GEOCHEMISTRY
COPPER in PPM.
GOSSAN 6 M.C.
COMPILED BY: S.C., D.B.et al
DATE: AUGUST, 1987
DRAFTED BY: H.H.
N.T.S.: 104B/10W
RPT. No. 988
SCALE 0 25 50 75 100 125 metres 1:2,500
FIGURE: 16

LOCATION MAP
SCALE: 1:50,000
GOSSAN PROPERTY
SURVEY AREA
SNIPPAKER CREEK
SNIPPAKER AIRSTRIP and BASE CAMP
GOSSAN 6 L.C.P.
ICE
56°30'
130°50'
385,000E
386,000E
6,272,000N
6,271,000N
BASELINE
SNIP 2 Claim
GLACIAL MORAINE
GLACIER
High Point=1616m.
LEGEND
Claim Boundary
Stream
Grid Station Location with Geochemical Value for Silver in ppm.
Contoured at 1.0, 2.0, & 3.0 ppm.
NS No Sample
GEOLOGICAL BRANCH ASSESSMENT REPORT
16,931
WESTERN CANADIAN MINING CORP.
1987
GOSSAN PROJECT
SERICITE EAST GRID
SOIL GEOCHEMISTRY
SILVER in PPM.
GOSSAN 6 M.C.
COMPILED BY: S.C., D.B.et al.
DATE: AUGUST, 1987
RPT. No. 988
DRAFTED BY: H.H.
N.T.S.: 104B/10W
SCALE 1:2,500
FIGURE: 15


LOCATION MAP
SCALE: 1:50,000
SNIPPAKER CREEK
GOSSAN PROPERTY
SURVEY AREA
SNIPPAKER AIRSTRIP and BASE CAMP
GOSSAN 6
L.C.P.
ICE
56°30'
130°50'
385,000E
386,000E
6,272,000N
6,271,000N
BASELINE
SNIP 2 Claim
GLACIAL MORAINE
GLACIER
High Point=1616m.
LEGEND
Claim Boundary
Stream
Grid Station Location with Geochemical Value for Gold in ppb.
Contoured at 75, 100, 200, 300, 400, 500, & 600 ppb.
NS No Sample
GEOLOGICAL BRANCH ASSESSMENT REPORT
16,931
WESTERN CANADIAN MINING CORP.
1987
GOSSAN PROJECT
SERICITE EAST GRID
SOIL GEOCHEMISTRY
GOLD in PPB.
GOSSAN 6 M.C.
COMPILED BY: S.C., D.B. et al.
DATE: AUGUST, 1987
RPT. No. 988
DRAFTED BY: H.H.
N.T.S.: 104B/10W
SCALE 0 25 50 75 100 125 metres 1:2,500
FIGURE: 14



GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,931

LEGEND

- 135 - GRID STATION LOCATION WITH GEOCHEMICAL VALUES FOR ZINC IN P.P.M.
- CONTOURED AT 100, 200, 300 P.P.M.
- NO SAMPLE

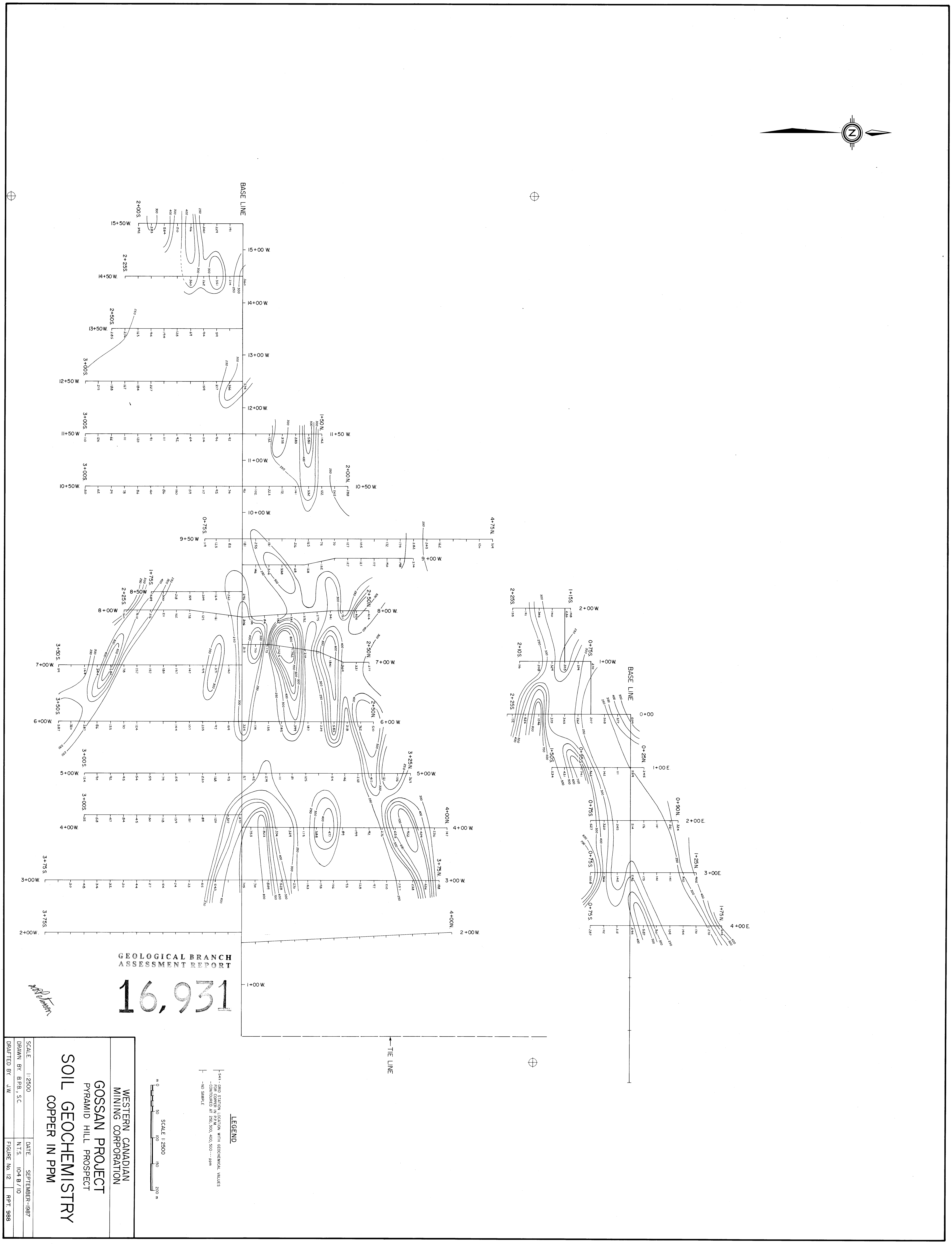
SCALE 1:2500
m 0 50 100 150 200 m

WESTERN CANADIAN MINING CORPORATION

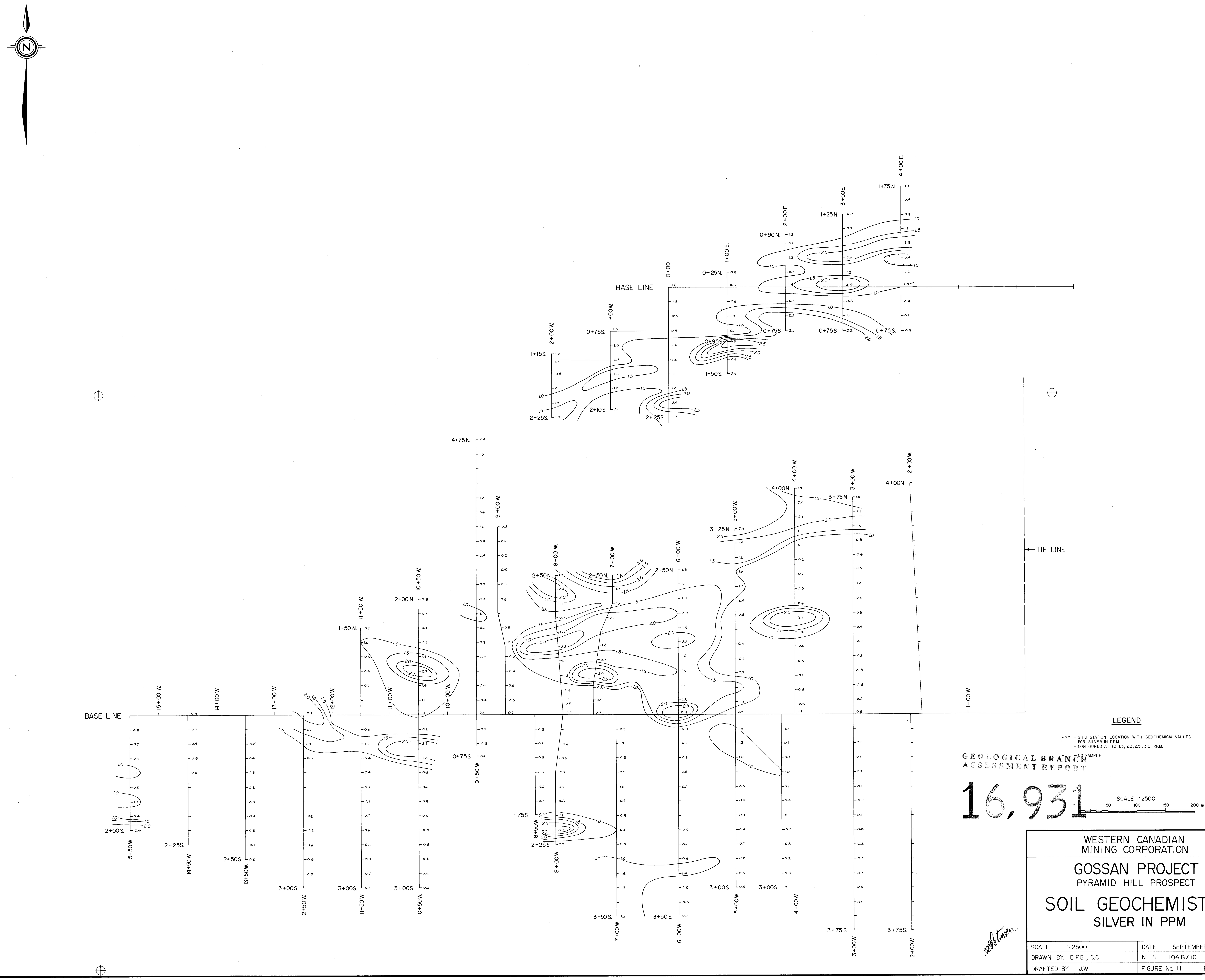
GOSSAN PROJECT
PYRAMID HILL PROSPECT

SOIL GEOCHEMISTRY
ZINC IN PPM

SCALE 1:2500	DATE SEPTEMBER-1987
DRAWN BY B.P.B., S.C.	N.T.S. 104B/10
DRAFTED BY J.W.	FIGURE No. 13 — RPT. 988



WESTERN CANADIAN
MINING CORPORATION
GOSSAN PROJECT
PYRAMID HILL PROSPECT
SOIL GEOCHEMISTRY
COPPER IN PPM
SCALE 1:2500
DATE SEPTEMBER-1987
DRAWN BY B.P.B., S.C.
N.T.S. 104 B/10
DRAFTED BY J.W.
FIGURE No. 12
RPT 988
LEGEND
GRID STATION LOCATION WITH GEOCHEMICAL VALUES FOR COPPER IN PPM
CONTOURED AT 250, 300, 400, 500 --- ppm
NO SAMPLE
SCALE 1:2500
GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,931
BASE LINE
TIE LINE

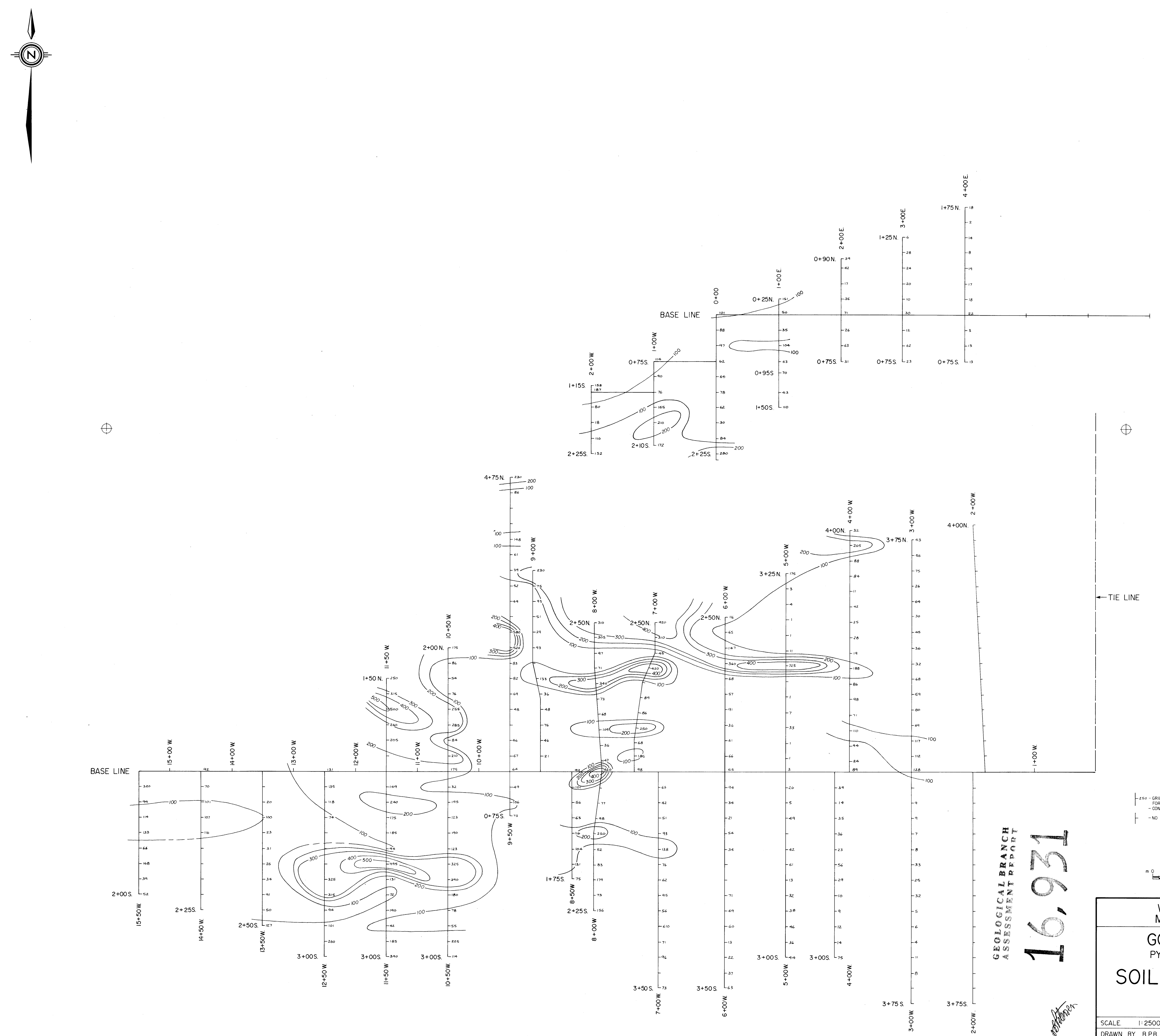


WESTERN CANADIAN MINING CORPORATION

GOSSAN PROJECT
PYRAMID HILL PROSPECT

SOIL GEOCHEMISTRY
SILVER IN PPM

SCALE 1:2500	DATE SEPTEMBER-1987
DRAWN BY B.P.B., S.C.	N.T.S. 104 B/10
DRAFTED BY J.W.	FIGURE No. 11 RPT. 988



LEGEND

250 - GRID STATION LOCATION WITH GEOCHEMICAL VALUES FOR GOLD IN P.P.B.
- CONTOURED AT 100, 200, 300, 400, 500 P.P.B.

- NO SAMPLE

SCALE 1:2500

m 0 50 100 150 200 m

WESTERN CANADIAN MINING CORPORATION

GOSSAN PROJECT

PYRAMID HILL PROSPECT

SOIL GEOCHEMISTRY

GOLD IN PPB

SCALE 1:2500	DATE SEPTEMBER-1987
DRAWN BY B.P.B., S.C.	N.T.S. 104 B/10
DRAFTED BY J.W.	FIGURE No. 10 RPT. 988

LEGEND

HYPABYSSAL INTRUSIVE ROCKS

Ia - BASALT
Dark brown to black, medium grained, locally vesicular dyke forming unit. Dykes range from 1 to 3 metres in width and are commonly magnetic

Ib - HORNBLENDE LAMPROPHYRE
Brown to dark grey aphanitic groundmass with scattered hornblende phenocrysts. Phenocrysts are dark brown to black, subhedral to euhedral and locally up to 0.5 cm in width

Ic - GRANODIORITE
Pale to medium green, fine grained, porphyritic hypabyssal dyke forming sequence. Unit is comprised of up to 25% subhedral to euhedral feldspar phenocrysts averaging 1-2 mm in size; 35-40 % very fine grained K-feldspar and 12-15 % quartz. Quartz-K-feldspar minor pyrite veins and veinlets cut the sequence, locally. Feldspars are commonly altered to fine grained aggregates of sericite, and occasionally epidote.

Id - ORTHOCLASE
Fine grained equigranular matrix comprised of 30% anhedral to subhedral mafics and 40 % anhedral masses of quartz; euhedral orthoclase phenocrysts up to 0.5 cm x 2.0 cm comprise up to 20-30% of the unit.

PLUTONIC ROCKS

I - QUARTZ MONZONITE/QUARTZ DIORITE
Medium grained, equigranular intrusive comprised of 60-70% anhedral plagioclase; and 25-30 % anhedral quartz. Plagioclase is commonly altered to very fine grained sericite and occassionally replaced by irregullar patches of fine to medium grained epidote.

VOLCANIC AND SEDIMENTARY ROCKS

2a - INTERBEDDED ANDESITIC/LATITIC TUFF AND SILTSTONE SEQUENCE
Pale green, fine grained latitic matrix with angular rock fragments up to 2cm in size. Matrix is comprised almost entirely of sericite and chlorite, highly fractured and with limonite/hematite on fracture surfaces. Siltstone beds, locally up to 20 metres thick, are pale green to grey in colour, banded and unaltered.

2b - SILTSTONE
Green to dark grey, laminated siltstone commonly with well developed cleavage. Sequence is commonly highly fractured and limonite/hematite stains most fracture surfaces. Clay alteration is frequently observed in regions where fracturing is most intense (fault and shear zones).

3 - SERICITE SCHIST
Buff to light brown, fine to medium grained sequence comprised almost entirely of sericite and minor quartz. Probablv derived from felsic to intermediate volcanic and volcaniclastic rocks described in Unit 2a. Locally friable with intensely limonite/hematite stained fracture and foliation planes.

SYMBOLS AND ABBREVIATIONS

- LIMIT OF OUTCROP
- 68 STRIKE AND DIP OF BEDDING
- 25 STRIKE AND DIP OF JOINTS
- STRIKE OF VERTICAL JOINTS
- 30 STRIKE AND DIP OF CLEAVAGE AND FOLIATION
- 40 STRIKE AND DIP WHERE BEDDING PARALLELS CLEAVAGE
- 30 STRIKE AND DIP OF VEINS AND/OR DYKES
- 50 STRIKE AND DIP OF FAULT
- GEOLOGIC CONTACT DEFINITE, APPROXIMATE, INFERRED
- R-057 ROCK CHIP SAMPLE
- 108/53/32/2.1/25 RESULTS - Cu/Pb/Zn/Ag (ppm) / Au (ppb)
- SE-3270 THIN SECTION SPECIMEN
- STREAM

Py - PYRITE
He - HEMATITE
Cp - CHALCOPYRITE
Cl - CLAY
Qtz - QUARTZ VEIN, VEINLETS
Chl - CHLORITE
Ep - EPIDOTE
Ser - SERICITE
Si - SILICIFICATION

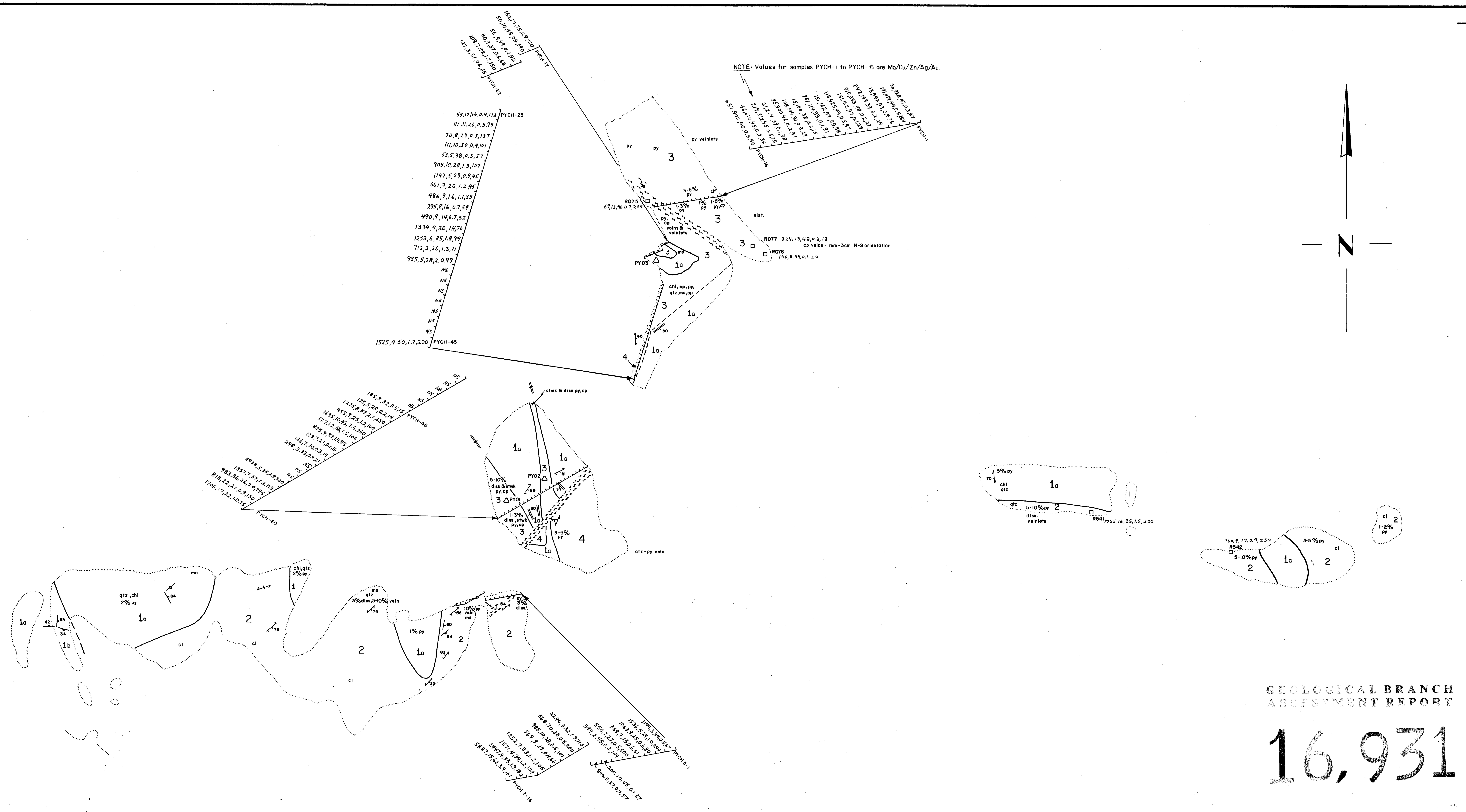
GEOLOGICAL BRANCH
ASSESSMENT REPORT

16,931

WESTERN CANADIAN MINING CORP.

1987
GOSSAN PROJECT
SERICITE EAST PROSPECT
GEOLOGY AND LITHOGEOCHEMISTRY

COMPILED BY: B.P.B., S.C.	DATE: OCT. 1987	RPT No. 988
DRAFTED: J.W.	N.T.S. 104 B/10 W	
SCALE 0 50 100 150 m 1:2500		FIGURE. 9



SYMBOLS and ABBREVIATIONS

△PY03	THIN SECTION SPECIMEN	py	PYRITE
□R077	ROCK CHIP SAMPLE (GRAB) with Cu in PPM/Pb in PPM/Zn in PPM/Ag in PPM/Au in PPB.	cp	CHALCOPYRITE
[35,55,100,1.9,700	CONTINUOUS CHIP SAMPLE (1 metre intervals) with Cu in PPM/Pb in PPM/Zn in PPM/Ag in PPM/Au in PPB.	chl	CHLORITE
		cl	CLAY
80 70	CLEAVAGE, FOLIATION DIP/STRIKE	qtz	QUARTZ
	BEDDING DIP/STRIKE	ma	MALACHITE
	CONTACT	mo	MOLYBDENITE
	SHEARED ZONE	diss	DISSEMINATED
	JOINTS/FRACTURES	stwk	STOCKWORK
	OUTCROP BOUNDARY		

LEGEND

INTRUSIVE ROCKS

1a	Maroon to black, fine grained equigranular diorite to microdiorite comprised of 30% subhedral to euhedral hornblende, 30% anhedral feldspar and 40% quartz. Pyrite and chalcopyrite occur throughout (locally up to 10%) as coarse aggregates and stockwork veinlets.
1b	Light, creamy grey, aphanitic aplite; rare disseminated pyrite.

SEDIMENTARY and VOLCANIC ROCKS

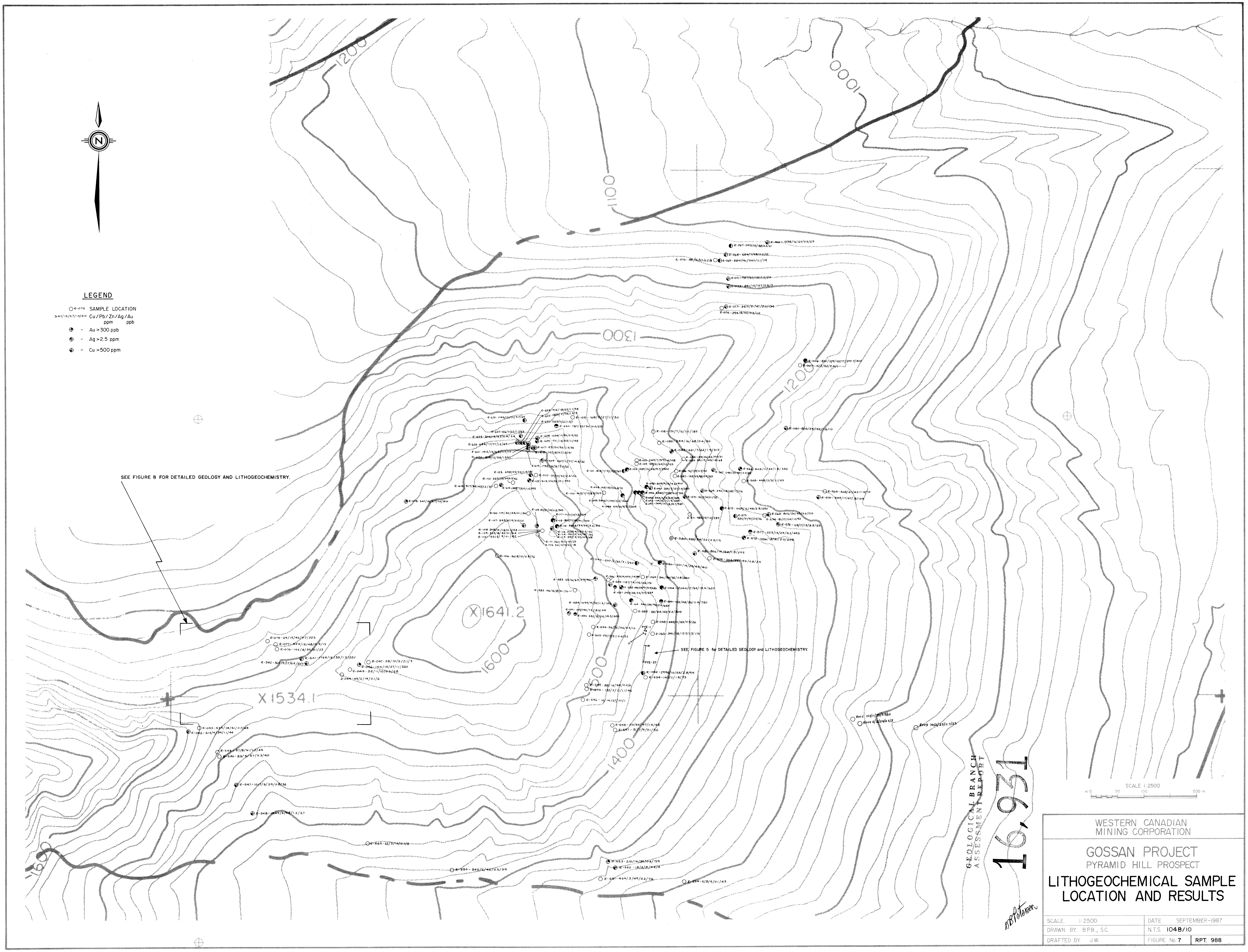
2	Buff to brown laminated siltstone. Commonly intensely fractured and with a well developed cleavage/foliation. Sequence shows pervasive clay alteration and local silicification, particularly in areas adjacent to intrusions. Pyrite and lesser chalcopyrite occur throughout as veins and veinlets infilling fractures and sheared zones.
3	Brown to black hornfelsed porphyritic latite with replacement quartz, pyrite, and chalcopyrite. Quartz, pyrite, and lesser chalcopyrite occur as stockwork veins (locally up to 30 cm.) infilling fractures and sheared zones.
4	Black argillite with well developed cleavage; moderately fractured; pyrite and lesser chalcopyrite occur as veins and veinlets infilling fractures.

WESTERN CANADIAN MINING CORP.

1987 GOSSAN PROJECT
PYRAMID SADDLE AREA
DETAILED GEOLOGY and LITHOGEOCHEMISTRY

GOSSAN 10-13

COMPILED BY: B.P.B.	DATE: OCTOBER, 1987	RPT. No. 988
DRAFTED BY: H. H.	N.T.S.: 104 B/10	
SCALE 0 5 10 15 20 25 metres	1:500	FIGURE: 8


LEGEND
SAMPLE LOCATION
Cu/Pb/Zn/Ag/Au
ppm ppb
- Au >300 ppb
- Ag >2.5 ppm
- Cu >500 ppm
SEE FIGURE 8 FOR DETAILED GEOLOGY AND LITHOGEOCHEMISTRY.
SEE FIGURE 5 for DETAILED GEOLOGY and LITHOGEOCHEMISTRY.
X1641.2
X1534.1
1200
1000
1300
1600
1400
GEOLOGICAL BRANCH
ASSESSMENT REPORT
16,931
SCALE 1:2500
WESTERN CANADIAN
MINING CORPORATION
GOSSAN PROJECT
PYRAMID HILL PROSPECT
LITHOGEOCHEMICAL SAMPLE
LOCATION AND RESULTS
SCALE 1:2500
DATE SEPTEMBER-1987
DRAWN BY B.P.B., S.C.
N.T.S. 104B/10
DRAFTED BY J.W.
FIGURE No. 7
RPT. 988

LEGEND

HYPABYSSAL INTRUSIVE ROCKS

1a - APLITE
Light, creamy grey, aphanitic groundmass; rare disseminated pyrite.

1b - GRANODIORITE
Pale to dark grey aphanitic and locally porphyritic groundmass comprised of up to 25% subhedral to euhedral feldspar phenocrysts averaging 1-2 mm in size; 35-40% very fine grained k-feldspar and 12-15% quartz. Quartz-k-feldspar-pyrite veins and veinlets cut the sequence. Feldspars are commonly altered to fine grained aggregates of sericite, and occasionally epidote.

1c - ORTHOCLASE PORPHYRY
Dark green, fine grained equigranular matrix comprised of 30% anhedral to subhedral chlorite and hornblende and 40% anhedral quartz masses. Tabular 0.5 cm x 2.0 cm feldspar phenocrysts comprise 15-20% of the matrix.

PLUTONIC ROCKS

1 - QUARTZ MONZONITE / QUARTZ DIORITE
Medium grained, equigranular intrusive comprised of 60-70% fine grained, anhedral plagioclase and 25-30% anhedral quartz. Plagioclase is commonly altered to very fine grained sericite and occasionally replaced by irregular patches of fine to medium grained epidote.

VOLCANIC AND SEDIMENTARY ROCKS

2a - SILTSTONE
Pale grey to brown laminated siltstone sequence commonly cut by a network of thin quartz and quartz-pyrite veinlets. Biotite hornfelsing is common particularly in areas adjacent to intrusive rocks.

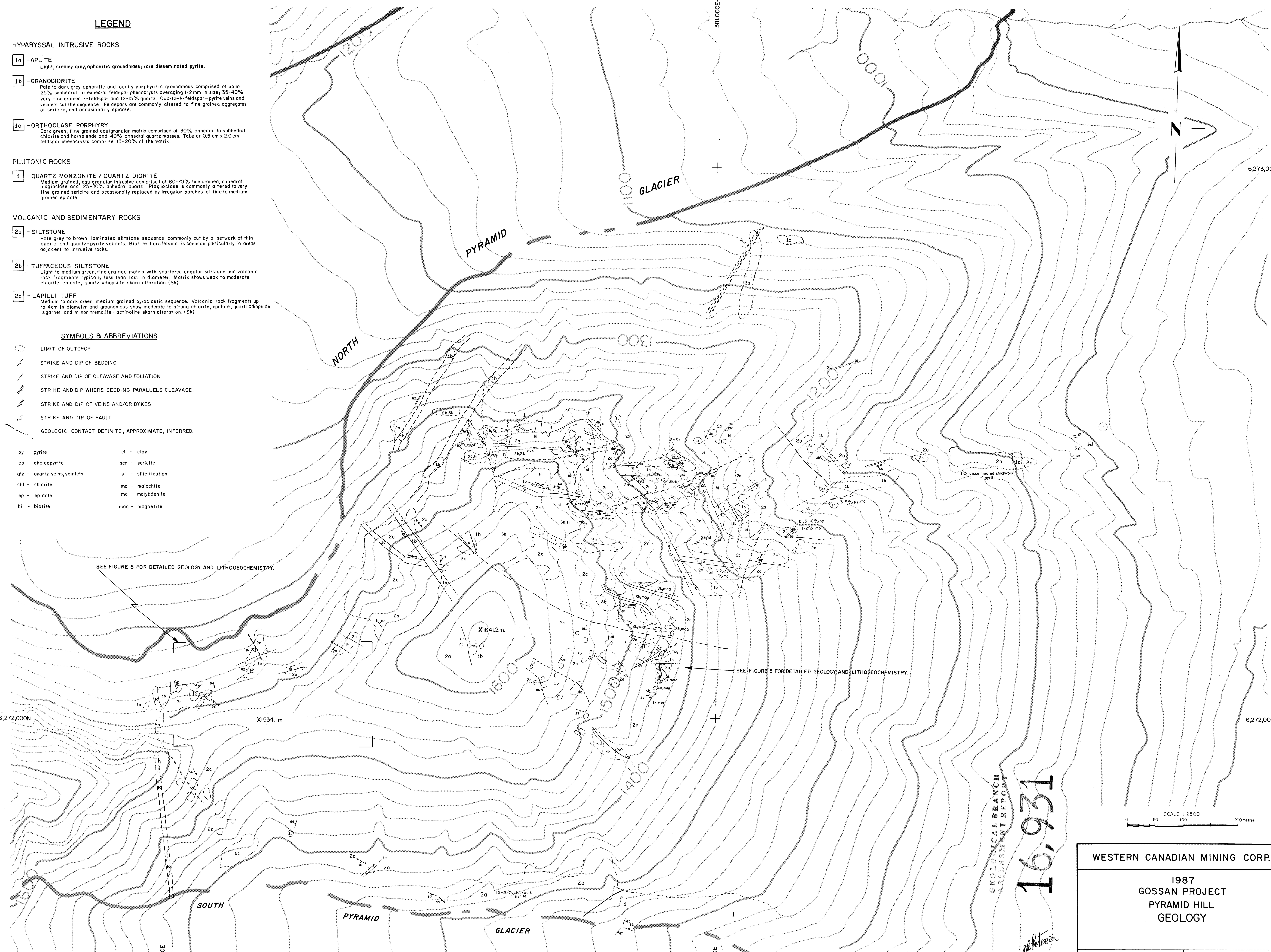
2b - TUFFACEOUS SILTSTONE
Light to medium green, fine grained matrix with scattered angular siltstone and volcanic rock fragments typically less than 1 cm in diameter. Matrix shows weak to moderate chlorite, epidote, quartz ±diopside skarn alteration. (Sk)

2c - LAPILLI TUFF
Medium to dark green, medium grained pyroclastic sequence. Volcanic rock fragments up to 4cm in diameter and groundmass show moderate to strong chlorite, epidote, quartz ±diopside, ±garnet, and minor tremolite-actinolite skarn alteration. (Sk)

SYMBOLS & ABBREVIATIONS

LIMIT OF OUTCROP
STRIKE AND DIP OF BEDDING
STRIKE AND DIP OF CLEAVAGE AND FOLIATION
STRIKE AND DIP WHERE BEDDING PARALLELS CLEAVAGE.
STRIKE AND DIP OF VEINS AND/OR DYKES.
STRIKE AND DIP OF FAULT
GEOLOGIC CONTACT DEFINITE, APPROXIMATE, INFERRED.

py	pyrite	cl	clay
cp	chalcopyrite	ser	sericite
qtz	quartz veins, veinlets	si	silicification
chl	chlorite	ma	malachite
ep	epidote	mo	molybdenite
bi	biotite	mag	magnetite



GEOLOGICAL BRANCH ASSESSMENT REPORT

16,931

WESTERN CANADIAN MINING CORP.

1987
GOSSAN PROJECT
PYRAMID HILL
GEOLOGY

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DRAFTED BY: H.H.	N.T.S. 104B/10
SCALE: 1:2,500	RPT: 988 FIGURE: 6