GEOLOGICAL, GEOCHEMICAL & GEOPHYSICAL REPORT

on the

QCM 1 - 5 and OPEC 1 - 10 MINERAL CLAIMS

OMINECA MINING DIVISION
LATITUDE: 55°, 40'N
LONGITUDE: 124°, 30'W
NTS 93N/9W and 10E

OWNER: GOLDEN RULE RESOURCES LTD
CALGARY, ALBERTA

OPERATOR: ANACONDA CANADA EXPLORATION LTD
VANCOUVER, BRITISH COLUMBIA

by

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November, 1982.

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SUMMARY

A program of geological mapping, soil and rock sampling, ground VLF and magnetometer surveys, and trenching was carried out between June 7 and August 26, 1982, on the OPEC and QCM claims of the Manson Creek area. The region investigated is underlain by mafic to intermediate volcanic flows, epiclastic rocks, pelitic sediments with minor carbonate intercalations, ultramafic, and metagabbroic rocks. Extensive ankerite-sericite-albite-quartz±pyrite±mariposite alteration zones were outlined in portions of the QCM claims underlain by volcanic and epiclastic rocks. Character and chip samples from two of these alteration zones are erratically anomalous in gold (up to 4200 ppb Au). Soil geochemical results from the OPEC claims point to extensive tungsten anomalies near the southern end of the claim block and linear gold anomalies on OPEC 5 and 8 claims.

INTRODUCTION

This report summarizes exploration activities carried out on the QCM and OPEC claims in 1982. The claims are under option by Anaconda from Golden Rule Resources of Calgary, Alberta.

Location and Access

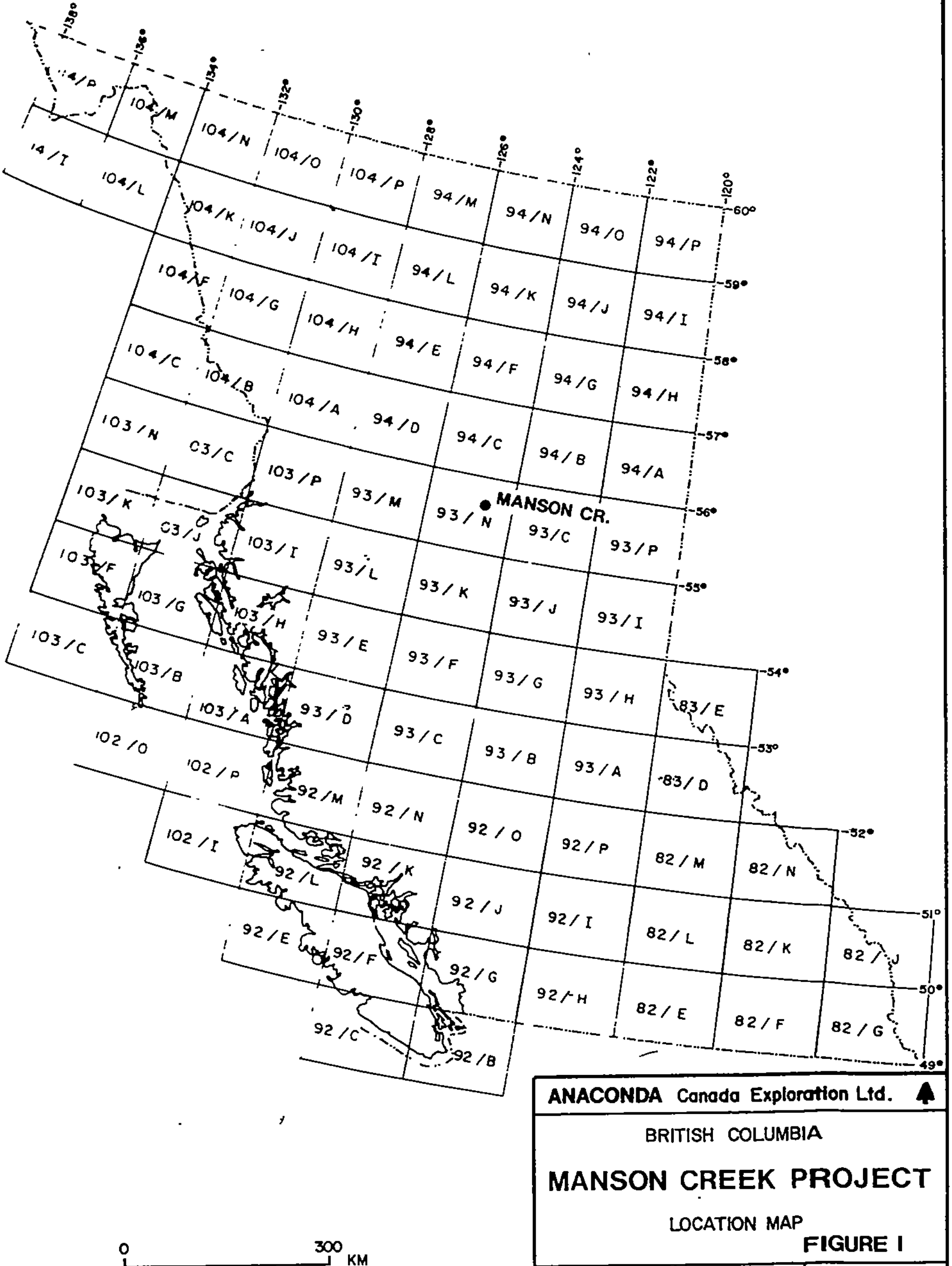
The property is located approximately 240 kilometres northwest of Prince George, B.C., at latitude 55°41'N and longitude 124°35'W, straddling the town of Manson Creek, B.C. (Figure 1).

The claims are reached by gravel road from Fort St. James, B.C., a distance of approximately 225 km. Fixed wing aircraft from Prince George land at Germansen Landing, 27 km northwest of Manson Creek.

Property

The claims (Figure 2) are located in the Omineca Mining Division and are wholly owned by Golden Rule Resources Ltd., of Calgary, Alberta. The claims are recorded as follows:

Claim Name	Units	Record Number	Date of Record
QCM 1	20	3435	December 4, 1980
QCM 2	20	3436	"
QCM 3	20	3437	"
QCM 4	20	3438	"
QCM 5	8	3439	"
Opec 1	18	2549	February 25, 1980
Opec 2	20	2550	"
Opec 3	20	2551	"
Opec 4	20	2552	"
Opec 5	20	2553	"
Opec 6	20	2554	"
Opec 7	20	2556	"
Opec 8	20	2557	"
Opec 9	20	2558	"
Opec 10	20	3411	November 6, 1980



ANACONDA Canada Exploration Ltd.

BRITISH COLUMBIA

MANSON CREEK PROJECT

LOCATION MAP

FIGURE I

geology by: L.R.	drawn by: E.B.W.	date: OCT 82
scale:	n.t.s.	drawing no. ___ of ___

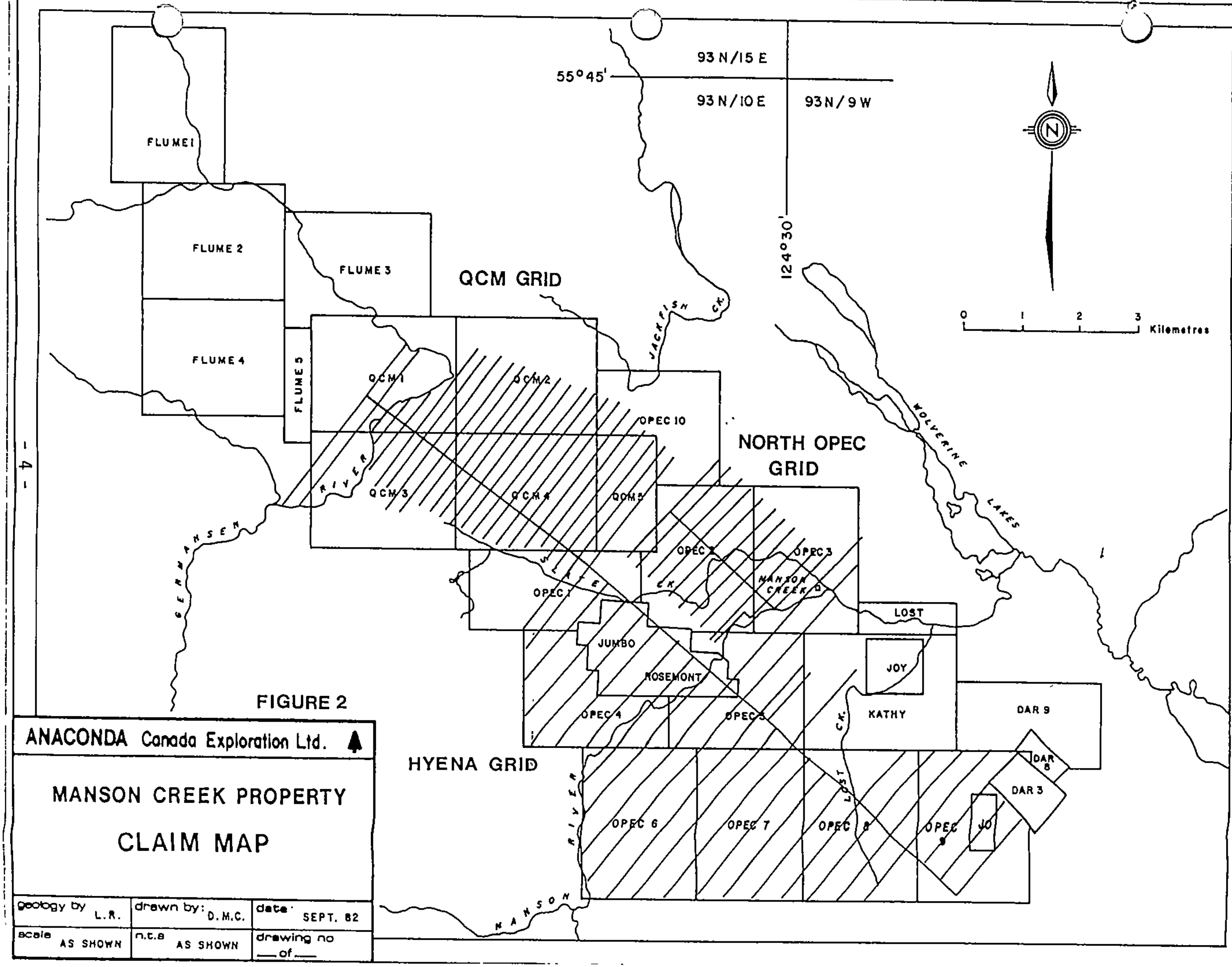


FIGURE 2
ANACONDA Canada Exploration Ltd.
MANSON CREEK PROPERTY
CLAIM MAP
geology by L.R.
drawn by: D.M.C.
date SEPT. 82
scale AS SHOWN
n.t.s AS SHOWN
drawing no ___ of ___
93 N/15 E
55°45'
93 N/10 E
93 N/9 W
124°30'
N
0 1 2 3 Kilometres
QCM GRID
NORTH OPEC GRID
HYENA GRID
FLUME 1
FLUME 2
FLUME 3
FLUME 4
FLUME 5
QCM 1
QCM 2
QCM 3
QCM 4
QCM 5
OPEC 10
OPEC 1
OPEC 2
OPEC 3
OPEC 4
OPEC 5
OPEC 6
OPEC 7
OPEC 8
OPEC 9
JUMBO
ROSEMONT
JOY
KATHY
LOST
DAR 9
DAR 8
DAR 3
JO
MANSON CREEK
JACKFISH CK.
WOLVERINE LAKES
GERMANSEN
RIVER
SLATE CK.
LOST CK.
MANSON RIVER

Regional Geology

The claims lie within the Omineca Geoanticline of the Canadian Cordillera, (Figure 3), in Nina Creek Group rocks interpreted to be of Pennsylvanian to Permian age, (Monger & Paterson, 1974). The Nina Creek Group is in fault contact with Takla Group alkalic volcanic rocks on the west and the Lower Cambrian-Proterozoic Wolverine Complex metamorphic rocks on the east.

The Manson Fault zone cuts and/or is the western boundary of the Nina Creek Group over at least 40 km. It is marked by ultramafic rocks and their carbonatized equivalents and by a prominent aeromagnetic high trending approximately 120^{o}.

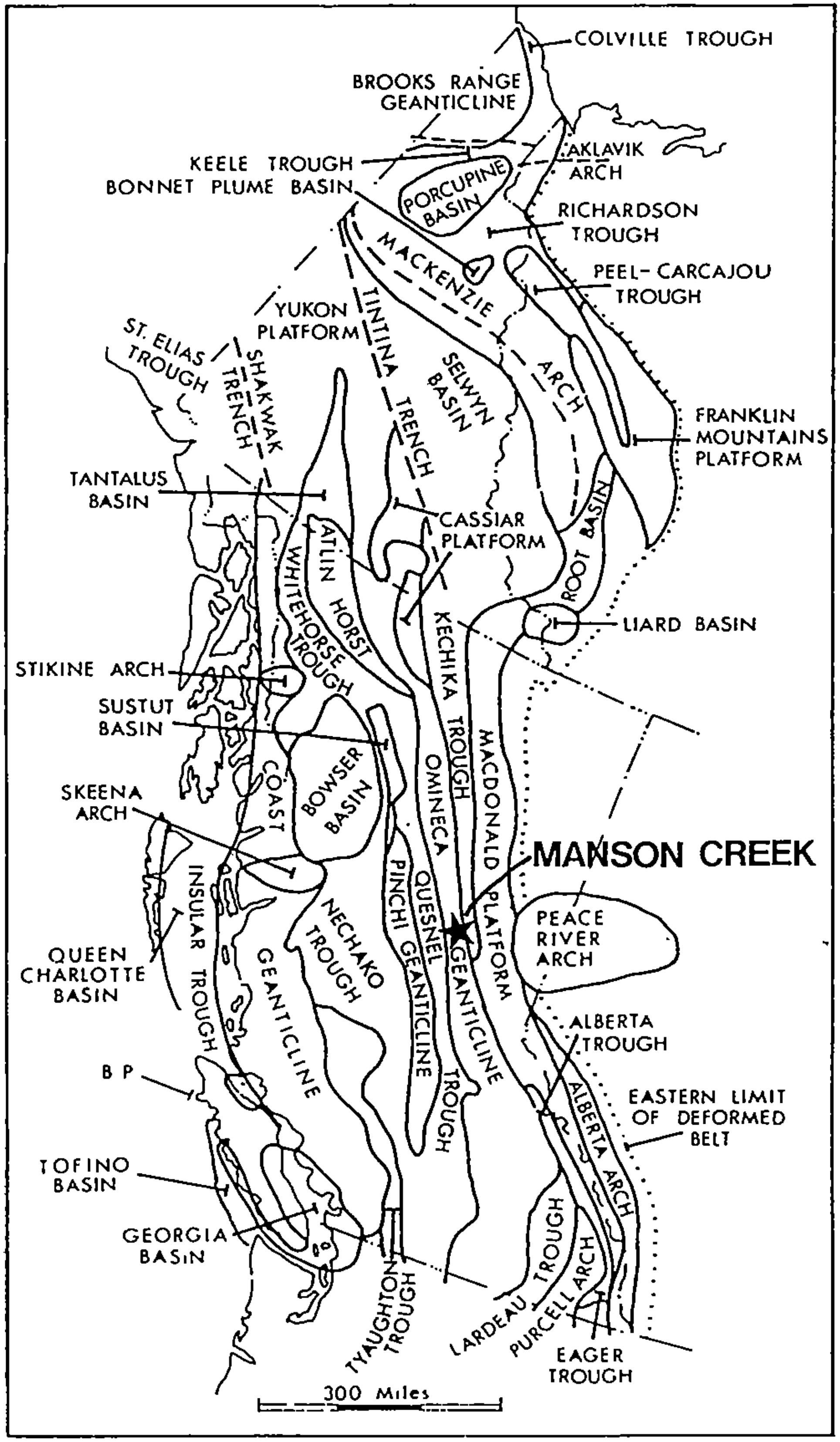
The lower member of the Pennsylvanian-Permian package is predominately chert and clastic sedimentary rock with minor limestone, while the upper member is a thick mafic volcanic pile typically massive, rarely pillowed and containing thin tuff and volcanic breccia horizons (Monger & Paterson 1974).

The Germansen-Manson River area has been an active placer camp since gold was discovered on the Germansen River in 1870. The most productive rivers have been Germansen and Manson Rivers and Slate, Lost, Blackjack and Kildare Creeks. Armstronq (1949) noted the general spatial relationship of the gold bearing creeks and the Manson Fault zone.

Previous Work

The area of the QCM claims was staked in 1972 as the Ida claims and a program of geological mapping and soil and rock geochemistry was initiated the same year by Sullivan & Rogers of Toronto. Soil and rock geochemistry revealed significant gold anomalies (B.C. Ass. Rep. 4245). This was followed up later in 1972 by induced polarization and resistivity surveys, (B.C. Ass. Rep. 4246). The claims were allowed to lapse. The area was again staked in 1979 by Vital Mines of B.C. and allowed to lapse.

FIGURE 3



TECTONIC ELEMENTS OF THE CORDILLERA
after Wheeler, et al 1972

The OPEC and QCM claim groups were staked by Golden Rule Resources of Calgary in February and December of 1980 respectively. Taiga Resources, also of Calgary was contracted to do geological mapping, soil and rock geochemistry and a limited ground magnetic and ground VLF-EM survey. Their work is summarized in B.C. Assessment Reports 8956 and 9944 for the OPEC and QCM claims respectively.

The 1980 soil surveys confirmed the gold in soil anomaly outlined by Sullivan and Rogers in 1972 and also outlined multi-element soil anomalies on the Opec claims 2 and 3.

Summary of 1982 Program

A four person crew worked on the QCM and OPEC claims from June 7 to August 26.

On the QCM claims, supplementary to an existing grid, seventy-two (72) km of grid lines were chained and flagged, for a total of 98 km of lines on the property. Geological mapping at 1:5000 scale was undertaken on the whole property and a 40 km VLF-EM survey was run. Eighteen hundred metres of cat roads were constructed to access 4 trenches totalling 300 metres. 147 rock samples were collected.

On the OPEC claims 6.2 km of lines were added to an existing grid for a total of 32.5 line km. In addition, an 8 km baseline and 84.8 line km grid, the Hyena grid, was chained and flagged to access Opec claims 4-9. 990 soil samples were collected at 50m intervals over 65.2 km of this grid and a ground magnetic survey conducted over 72.5 km. Geological mapping covered all of the old and new grids and the major drainages.

PROPERTY GEOLOGY

Geological information is presented on Figure 4 for the QCM claims and Figure 5 for the Opec claims (back pockets). Topographic control was provided by northeast trending lines at 200m spacings on the QCM grid, 800 foot spacings on Opec claims 2, and 3, and 400 metre spacings on Opec claims 4-9 with 50m stations on the lines. Outcrop is scarce and found mainly on high ridges of resistant rocks and in major drainages. It is about 5% on the QCM claims and less than 1% on the Opec claims.

Lithology

The claim groups are underlain by a volcano-sedimentary package in fault contact with metagabbroic rocks and cut by a major fault marked by ultramafic rocks.

The following rock types were recognized in the area covered by the Opec and QCM claims. No relative ages should be implied from the order of lithologies given.

7. Ultramafic rocks.
6. Gneissic metagabbro.
4 & 5. Sedimentary rocks.
5. Graphitic carbonaceous shale and shaly limestone - unmetamorphosed.
4. Mixed pelagic and fine detrital sediments - deformed and metamorphosed.
3. Volcaniclastic, mainly epiclastic rocks.
1 & 2. Volcanic rocks.
2. Andesitic flows.
1. Basaltic flows.

Volcanic Rocks (Units 1,2)

Volcanic rocks including mainly basaltic and andesitic flows and subordinate volcaniclastic types, are exposed only on the QCM claims. The basaltic and andesitic flows are distinguished from each other in the field by their phenocryst type.

Basaltic Flows (Unit 1)

The basaltic flows are green to greenish-grey, massive to locally pillowed rocks. Primary volcanic features such as hyaloclastite, flow top features and vesicles are well preserved. Hyaloclastite is composed of angular fragments of mafic and feldspar porphyritic rock in a fine chloritic matrix.

The basaltic rocks are characterized by mafic phenocrysts, probably originally pyroxenes, now replaced by tremolite, chlorite, quartz and calcite, and by a lesser amount of feldspar phenocrysts now replaced by quartz, epidote, sericite and carbonate. The groundmass is a fine mixture of tremolite laths, feldspar microlites, hematite, calcite and chlorite. This metamorphic assemblage was probably produced by oxidation and hydration reactions during seafloor alteration processes.

Andesitic Flows (Unit 2)

The andesitic flows are greenish-grey to grey coloured, weakly to strongly schistose rocks. These flows are characterized by twinned andesine phenocrysts (An_{30-35}) set in a fine grained groundmass of plagioclase microlites and an even finer mixture of albite, quartz, sericite, chlorite and carbonate.

Volcaniclastic Rocks (Unit 3)

Volcanic rocks of the QCM claim area are overlain by a package of clastic rocks derived from erosion of a volcanic pile. These epiclastic rocks range from fine grained siltstone and shale to sandstone and conglomerate with the volcanic sandstones being the most abundant lithologies. The package has an overall fining upward trend.

Sedimentary structures, such as crude banding of sandstone and siltstone layers and graded bedding, are observed. These indicate generally southwesterly dips of the unit. Thin interbeds of siltstone commonly show soft sediment deformation structures such as slumps, flames, rip-ups and disrupted bedding, as well as graded bedding.

Volcanic Siltstone

The siltstone is a fine grained dark grey to green-grey rock that forms several centimetre to several metre thick interbeds in the coarser sediments.

Volcanic Sandstone

The sandstone is a grey to green rock composed predominantly of andesitic flow fragments and feldspar crystals. Fragments of porphyritic basaltic flows, scoria and siltstone are present in subordinate amounts. The rock fragments range from irregular and angular to rounded reflecting the degree of reworking of the clasts. Generally the degree of reworking increases upward in the epiclastic sequence.

Volcanic Conglomerate

The conglomerate forms beds and lenses up to several metres thick in the sandstone units. The clasts are generally bimodally distributed with the larger clast size forming a framework-supported rock, filled in by finer grained matrix similar to the sandstone in composition. The coarse clasts are mostly volcanic rock fragments while the matrix includes volcanic and sedimentary rock fragments and feldspar crystals.

Sedimentary Rocks (Units 4,5)

The volcanic and epiclastic package is underlain by, and lateral facies equivalent of a more penetratively deformed fine grained sedimentary unit (Unit 4). The rocks are mainly lineated siliceous chloritic schists containing variable amounts of graphite and sericite. Pyrite cubes from 1-10mm commonly form 1-3% of the rock. Calcitic dolostone beds 1-10m thick are intercalated in the schists.

A calcareous shale or shaly limestone unit (Unit 5) approximately 200 metres thick is observed on the Opec claims. It is a fissile fine grained shale, highly graphitic and calcareous and apparently unmetamorphosed. The unit is bounded on the south by ultramafic rocks and schists and on the north side by metagabbro.

Metagabbro (Unit 6)

The metagabbro is a banded and lineated fine to medium grained greyish-green rock composed of hornblende, plagioclase and lesser hypersthene and augite. The gneissic fabric is caused by alternating segregations of coarser and finer minerals. The strong preferred orientation is produced by elongation of hornblende.

Ultramafic Rocks (Unit 7)

Ultramafic rocks in the area occur as discontinuous lenses tectonically emplaced along or near major faults which cut the volcano-sedimentary sequences. Although intensely hydrothermally altered, remnant primary minerals such as olivine and brown aluminium-rich chromian spinel and tectonic fabrics suggest that ultramafic rocks in the area are, in part at least, of upper mantle derivation. Weakly carbonatized varieties are generally dark green magnetite rich serpentinite or serpentinized peridotite, which may contain subordinate talc and carbonate. Highly carbonatized varieties are rusty-brown rocks composed of magnesite, ankerite, quartz, and subordinate and variable amounts of emerald-green mica (mariposite). Highly carbonatized ultramafics are generally weakly magnetic, hematite bearing, and may contain pyrite.

In general the intensity of carbonatization within the ultramfic belts in the area increases from the centre to the periphery of the intrusions.

Buried ultramafics in the area can be indirectly located geophysically (high magnetic response) and geochemically (high Ni content in overlying residual soils).

Alteration

Volcanic and sedimentary rocks in the Manson Creek area have been affected by an early seafloor metamorphism and a later hydrothermal carbonatization.

The effects of oxidation and hydration reactions produced by seafloor metamorphism are best observed in mafic volcanic rocks. Anhydrous mafic minerals are oxidized and hydrated to chlorite, tremolite and hematite while calcic plagioclase breaks down to albite-sericite-epidote-carbonate and quartz. This alteration can be characterized as spilitization.

Hydrothermal carbonatization, produced by circulating CO_2 (and K) rich, reducing fluids, caused the breakdown of hydrated Ca-Mg-Fe silicates to form complex ankeritic carbonates and further carbonatization and sericitization of plagioclase feldspars. Any SiO_2 released during carbonatization formed fine grained matrix quartz or was remobilized to form quartz veins. Cr-bearing lithologies (basalt, ultramafic rocks) developed variable amounts of mariposite.

The carbonate minerals formed are of at least two types:

1) Larger Fe-stained poikiloblasts clouded by small quartz, feldspar, hematite and opaque inclusions. These are commonly overgrown by idioblastic, clear, inclusion free (Fe-poor?) carbonates, and

2) Discrete idioblastic, clear, Fe-poor carbonate crystals.

Pyrite is the most abundant sulphide found in the hydrothermally carbonate altered zones, forming 2-5% over limited areas up to 5 metres and up to 10% over 1 metre adjacent to quartz veins. Pyrite accompanying hydrothermal carbonate alteration is generally fine-grained (1-3mm) and can be distinguished from coarser grained (.5-2cm) formational pyrite in unaltered* sediments.

*The term "Unaltered" here refers to a rock which has not been affected by secondary hydrothermal carbonate alteration.

A hydrothermal alteration map (see Figure 6, back pocket) was produced from mapping on the QCM claims and two main areas of alteration were delineated.

1. Flag zone. Mafic volcanic rocks in the vicinity of the Flag showing have been pervasively carbonatized and silicified in an area at least 150m wide and open in both directions along strike, this zone is cut by several late-stage locally pyrite-chalcopyrite-tetrahedrite bearing quartz veins.

2. Central Zone. Epiclastic rocks have been pervasively altered over an area 200 metres by 300 metres, are locally pyritic and cut by quartz veinlets.

Characteristics of Carbonate Alteration in Different Lithologies

Basaltic and Andesitic Flows

The extent of carbonatization in mafic flows is controlled by permeability along fractures. There are rapid changes from unaltered volcanic rocks to intensely carbonate altered zones within 1-5 metres. These fractures and shears with alteration can be cored by quartz veins or veinlets with an associated pyritic envelopes.

Plagioclase porphyritic andesitic flows are weakly to moderately carbonatized. Carbonatization as these rocks consists of andesitic carbonate porphyroblasts which include both clear and hematite-stained types.

Volcaniclastic Rocks

Alteration in the volcaniclastic rock ranges from weak ankerite disseminations and veinlets to intense ankerite-sericite-albite-quartz ± pyrite.

Weak ankerite alteration is characterized by fine 1-3mm rusty weathering ankerite crystals in rocks that appear otherwise little altered. This alteration covers areas up to 1500 metres long and 800 metres wide.

Intense carbonate alteration within the epiclastic sequence produced massive to weakly schistose, whitish rocks, in which the original clastic nature is barely discernible in hand specimen. Remnant textures visible in thin section include corroded twinned plagioclase crystals and outlines of fragments distinguishable by concentrations of opaque minerals. The matrix is a fine intergrowth of albite-sericite-quartz and several generations of non-calcitic carbonate crystals.

From these large areas of pervasive carbonatization it is suggested that alteration in the epiclastic rocks may have been controlled by their porosity and permeability, and less by fracture permeability as shown by the mafic rocks.

Sedimentary Rocks

Alteration within the sediments is confined to the chlorite-graphite-schist unit. Carbonaceous shales appear unaltered.

The most common alteration products are rusty weathering ankerite spots forming up to 20% of the rocks. Ankerite in these rocks was probably produced through carbonatization of Fe-rich silicates (i.e. chlorite) and/or through oxidation and carbonatization of pyrite. The CO_2 required to form ankerite may have been released during oxidation of graphite.

Conformable to subconformable layers of sericite-ankerite schist locally occur within the predominantly chlorite-graphite-ankerite schist sequence. These horizons probably formed during lit par lit introduction of K_2O and CO_2 bearing fluids.

Ultramafic Rocks

The ultramafic rocks are extensively carbonatized and hydrated particularly at the margins of the bodies. The main carbonate-bearing alteration assemblage is carbonate (including magnesite and ankerite)-quartz $\pm$ green mica $\pm$ pyrite $\pm$ magnetite $\pm$ hematite. Depending on the pre-alteration composition and degree of carbonatization, carbonate-bearing assemblages may include variable amounts of serpentine, talc and tremolite.

Structure

Structural interpretations on the claim groups are limited by poor exposure. However the following preliminary observations were made.

1) The major structural feature is the Manson Fault Zone, along which a subconformable package of ultramafic rocks was tectonically emplaced. The altered ultramafic rocks are internally brecciated and include rafted fragments of graphitic sedimentary rocks, at the scale of metres to tens of metres, producing a tectonic melange.

2) Intense hydrothermal alteration at the Flag showing, and in volcanic rocks on strike to the southeast, occurs along fault and shear zones which are roughly parallel to the Manson Fault. This suggests that subsidiary faults to the main Manson Fault Zone were probably responsible for channelling the hydrothermal fluids.

3) Bedding observed in epiclastic and sedimentary rocks generally strikes 120 - 140^{o} and dips moderately to the southwest. Top indicators in epiclastic rocks suggest younging to the south.

   Trend of schistosity ranges from 100 - 140^{o} and is vertical to steeply dipping. Schistosity is most intense in deformed sediments, weak to moderate in volcanic rocks and very weak in the epiclastic rocks.

4) Inclined to recumbent isoclinal folds are observed on both claim groups. Fold axes plunge moderately to the northeast except in proximity to the Manson Fault where steeper plunges were observed.

5) The apparently unmetamorphosed calcareous shale unit (Unit 5) occurring to the northeast of the main ultramafic belt on the OPEC claims can be interpreted as a downdropped block displaced by the Manson Fault.

222 rock samples were collected from the QCM and OPEC claims and analyzed for Au, Ag, and As at Chemex Labs, North Vancouver. Some samples were also analyzed for Sb, Cu and Ni. Analytical techniques are summarized in Appendix 1. Sample locations are shown in Figures 5 and 7 (back pocket). Analytical results and sample descriptions are given in Appendices 2 and 3 respectively. Arsenic and gold values of samples from the QCM claims are also shown in Figure 7 (back pocket).

Discussion of Results

Two zones of anomalous gold values were outlined on the QCM claims. These two zones coincide with zones of intense carbonate alteration previously referred to as the Central and Flag Anomalies.

Gold values in the Central Anomaly Zone vary between <10 and 4,200 ppb in a 200 x 300m zone which is open and overburden covered to the southeast. Four trenches were excavated by D-8 and backhoe to depths of 6-8 metres to test the overburden covered extension of the central anomaly zone. Only trench 1 exposed bedrock. Seventeen chip samples collected over the length of exposed bedrock and from large blocks in the trench (figure 8), returned values of up to 3700 and 1800 ppb from two consecutive one metre intervals.

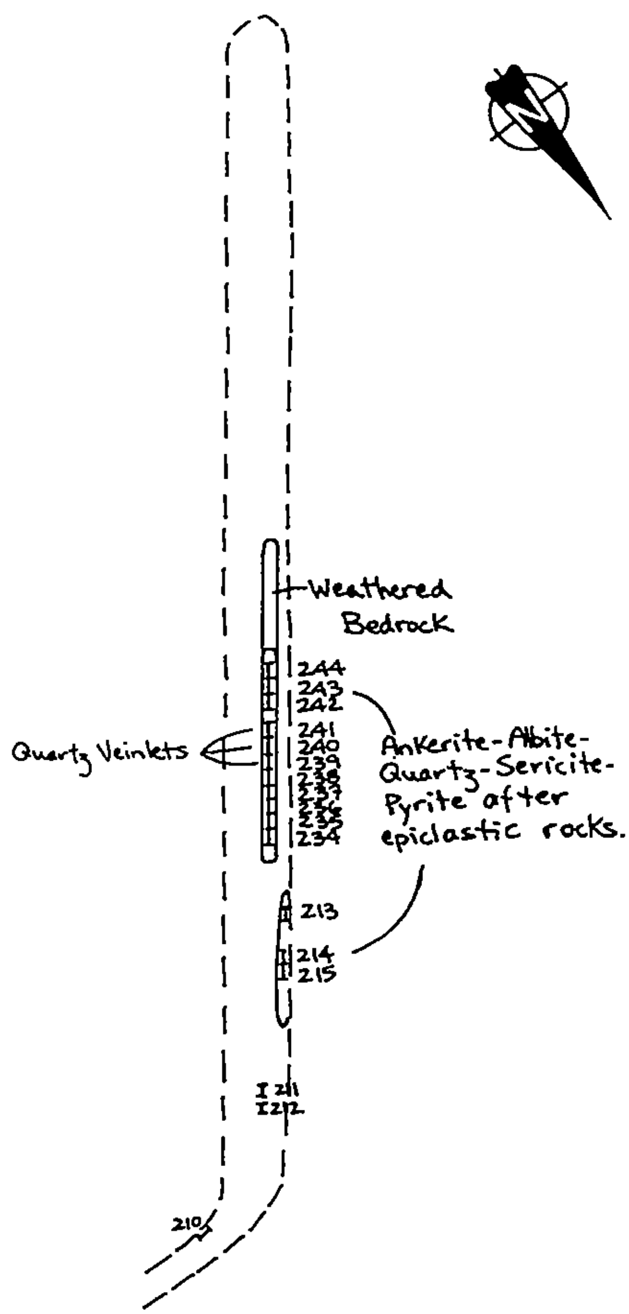
Maximum gold values from chip samples collected from the Flag zone were 1200 ppb over 1 metre. This zone is approximately 200 metres wide, 100 metres long and open in both directions along strike.

Anomalous gold values in the two zones display an overall positive correlation with pyrite content. However, since intensely altered outcrops are also quartz veined the possibility exists for the gold to occur in quartz veins. To date no gold has been identified in quartz veins in the two zones, though gold on quartz is commonly reported from the placer operations.

In addition to the large geochemically anomalous zones, two old Ag-Au prospects, the Fairview and Flag are present in the OPEC and QCM claims respectively. Both prospects occur in late quartz veins which crosscut carbonate altered lithologies, earlier quartz veins, and schistosity.

	Au	Ag	As
210	30	0.5	38
211	<10	0.2	25
212	720	0.5	50
213	20	0.7	65
214	20	0.6	23
215	120	0.4	24
234	20	0.3	45
235	20	0.5	22
236	80	0.4	39
237	10	0.4	45
238	20	0.4	39
239	300	0.3	39
240	1800	0.8	14
241	3700	0.9	11
242	<10	0.4	36
243	80	0.3	41
244	<10	0.5	45

Values in ppm except Au(ppb).



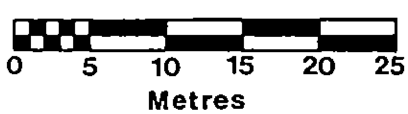
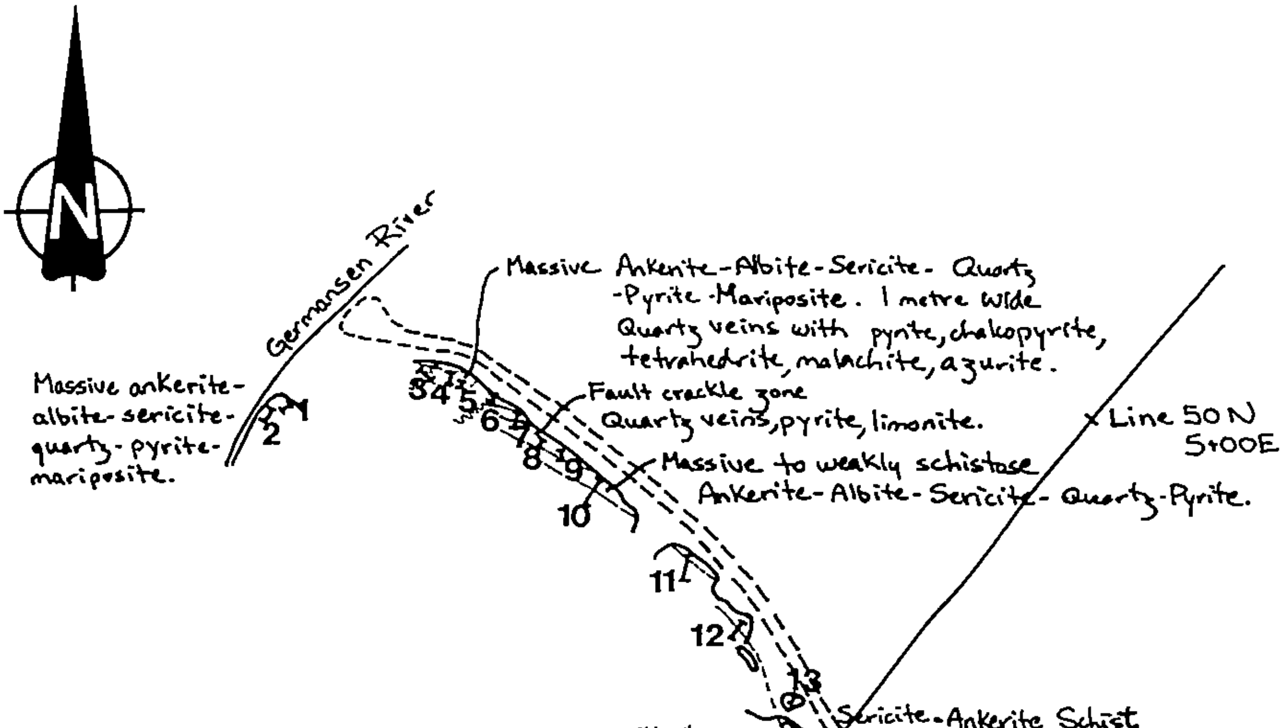


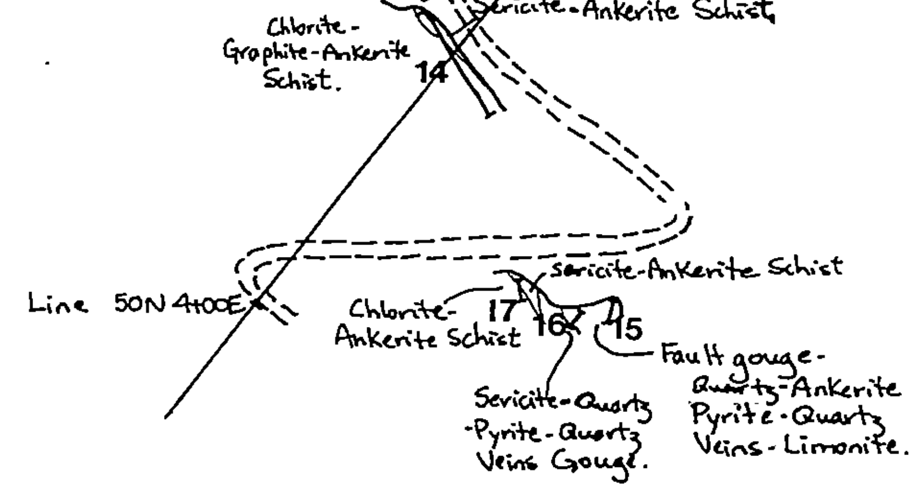
Fig. 8

ANACONDA Canada Exploration Ltd.		
QCM CLAIMS TRENCH 1		
ROCK GEOCHEMISTRY		
geology by MA	drawn by. MA	date: NOV 82
scale 1:500	n t s	drawing no _ of

Quartz veins at the Fairview showing crosscut carbonate altered ultramafic rocks near their contact with matagabbro. The quartz veins, up to 1 metre wide and exposed over 20 metres, contain disseminated chalcopyrite, pyrite and tetrahedrite with malachite and azurite. One high grade grab sample (#229) from this prospect returned values of >100 ppm Ag, 6,500 ppb Au and 175 ppm Sb.

Quartz veins at the Flag showing crosscut carbonate altered mafic volcanic rocks in fault contact with a highly sheared package of metasediments. The main mineralized quartz vein is about 1 metre wide. Best assay values from this vein were 120 ppb Au, 60.0 ppm Ag and 530.0 ppm Sb. Outcrops along an old cat road leading to the showing were mapped and sampled in detail (figure 19). No geochemical gold anomaly was detected to the southeast of the Flag showing.





	Au	Ag	As	Sb
1	540	0.1	29	5.0
2	200	0.2	30	7.0
3	290	0.1	15	6.0
4	300	0.1	16	38.0
5	120	60.0	110	530.0
6	60	1.0	50	19.5
7	120	1.1	17	16.0
8	120	9.7	70	86.0
9	70	2.6	85	31.0
10	70	0.2	36	2.8
11	100	0.3	50	2.2
12	<10	0.1	35	1.9
13	20	0.4	36	2.3
14	<10	0.1	24	1.6
15	40	0.5	59	17.0
16	50	1.6	71	26.0
17	10	0.2	20	1.4

Values in ppm except Au (ppb).

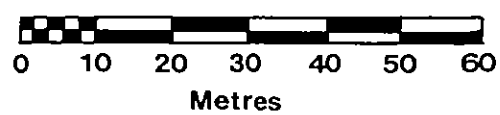


Fig. 9

ANACONDA Canada Exploration Ltd.		
QCM CLAIMS–FLAG ZONE GEOLOGY and ROCK GEOCHEMISTRY		
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scale 1:1000	n.t.s	drawing no ___ of

SOIL GEOCHEMISTRY

A reconnaissance soil sampling program was carried out in order to assess the geological and mineral potential of the southern portion of the OPEC claims.

990 samples were taken over the Hyena Grid which measured 8000 x 4000 meters. Samples were taken at 50 meter intervals on lines spaced at 400 meter intervals. Most of the samples were taken at an average depth of 15-25cm from a moderately well developed B Horizon. The remaining samples were either obtained from the C Horizon (topographic highs) or from the organic litter (topographic lows). Field notes on the sample and sample site were recorded at each station. The samples were collected in numbered wet-strength kraft bags and air dried prior to shipment to Chemex Labs of North Vancouver.

Analyses for Au, Ag, As, Cu, Pb, Zn, Ni, Mo and W were carried out by atomic absorption methods. Details on sample preparation and analytical techniques are given in Appendix 1. Soil sample locations are shown in Figure 10 (back pocket) and analytical results listed in Appendix 4.

Raw geochemical data were assessed through a systematic application of standard procedures which consisted of:

(1) Calculation of summary statistics (Table 1).

(2) Determination of contour intervals from analysis of histograms and probability graphs (Table 2).

(3) Quantitative evaluation of the correlation matrix (Table 3).

(4) Quantitative evaluation of the correlation matrix of anomalous gold and silver concentrations with other metals (Tables 4 and 5).

Geochemical anomalies for individual elements are plotted in Figures 11 to 19, (back pocket). Anomalies are compiled in Figure 20 (back pocket).

TABLE 1

SUMMARY STATISTICS FOR HYENA SOIL GRID

ELEMENT	MEAN	ST. DEV.	LOG MEAN	LOG ST. DEV.
GOLD	7.39	18.35	0.384	0.577
SILVER	0.84	1.07	-0.295	0.440
ARSENIC	15.39	24.88	1.034	0.321
COPPER	37.19	24.99	1.493	0.260
LEAD	12.34	29.25	0.915	0.357
ZINC	127.99	69.10	2.052	0.228
TUNGSTEN	2.54	3.95	0.215	0.338
MOLYBDENUM	3.91	3.86	0.467	0.319
NICKEL	52.31	68.07	1.581	0.310

TABLE 2

CONTOUR INTERVALS FOR HYENA SOIL GRID

GOLD	21	31	41	110	(PPB.)
SILVER	1.4	1.9	2.8	4.5	(PPM.)
ARSENIC	24	33	47	68	(PPM.)
COPPER	50	66	82	105	(PPM.)
LEAD	19	24	32	90	(PPM.)
ZINC	185	220	265	350	(PPM.)
NICKEL	75	95	125	250	(PPM.)
TUNGSTEN	4	6	10	30	(PPM.)
MOLYBDENUM	6	8	11	20	(PPM.)

TABLE 3

CORRELATION MATRIX FOR HYENA SOIL GRID

CORRELATION MATRIX

	AU	AG	AS	CU	PB	ZN	W
AU	1.0000						
AG	0.0128	1.0000					
AS	0.0336	-0.0316	1.0000				
CU	0.0496	0.5230	0.0901	1.0000			
PB	-0.0143	0.0601	0.2355	0.0846	1.0000		
ZN	0.0512	0.1890	0.2130	0.3684	0.1635	1.0000	
W	0.0564	-0.0264	0.0258	-0.0509	0.0783	-0.0080	1.0000

NAME	MEAN	STANDARD DEVIATION
AU	7.38950	18.3548
AG	0.844291	1.07505
AS	15.3867	24.8811
CU	37.1924	24.9949
PB	12.3453	29.2547
ZN	127.986	69.0993
W	2.53959	3.94966

1086 OBSERVATIONS TOTAL
1086 OBSERVATIONS ARE COMPLETE
1085 DEGREES OF FREEDOM

TABLE 4

CORRELATION MATRIX OF ANOMALOUS GOLD VALUES OBTAINED FROM THE MANSON CREEK SOIL SURVEY

CORRELATION MATRIX

	AU	AG	AS	CU	PB	ZN	W	MO	NI
AU	1 0000								
AG	0 1317	1.0000							
AS	0 0513	0 0907	1.0000						
CU	0 0908	0 3054	0 7016	1.0000					
PB	-0 0481	0.0604	0.3550	0.4442	1.0000				
ZN	0 0756	0.1619	0 8459	0 7226	0.5100	1.0000			
W	-0 0394	0.0318	0 1309	-0.0573	0.3242	0.0547	1.0000		
MO	0 1148	0 1204	0 8553	0 7114	0.4930	0.9034	0.0164	1.0000	
NI	-0 1134	-0 0975	0 2777	0 1607	0.0496	0.2200	-0.0340	0.2067	1 0000

NAME	MEAN	STANDARD DEVIATION
AU	64 0000	55.2545
AG	0 798000	0 755251
AS	21 1400	22.6950
CU	42 9400	23.1009
PB	12 2800	9.49337
ZN	151 300	88.9520
W	3 98000	6 70513
MO	7 06000	8 16766
NI	49.3200	48 3070

50 OBSERVATIONS TOTAL
50 OBSERVATIONS ARE COMPLETE
49 DEGREES OF FREEDOM

TABLE 5

CORRELATION MATRIX OF ANOMALOUS SILVER VALUES OBTAINED FROM THE MANSON CREEK SOIL SURVEY

CORRELATION MATRIX

	AU	AG	AS	CU	PB	ZN	W	MO	NI
AU	1 0000								
AG	-0 1017	1 0000							
AS	0 3757	-0 0540	1 0000						
CU	-0 1012	0.3131	-0 1151	1 0000					
PB	0 1594	0 0841	0 2717	0.0281	1.0000				
ZN	0 1015	-0 0157	0 5800	-0.0213	0.3152	1.0000			
W	0 0927	0 1923	0.1525	0.0777	0.1236	-0.0845	1 0000		
MO	-0 1156	0 1772	-0.0266	0.4645	0.0943	0.1700	0.1027	1.0000	
NI	0 0039	0.2406	0 0978	0.3283	0.1887	0.1430	-0.0524	0 2803	1 0000

NAME	MEAN	STANDARD DEVIATION
AU	5 80392	9.29305
AG	4 41569	2 16318
AS	9 39216	7.33234
CU	86 0980	52 7444
PB	12 5882	13.5251
ZN	153.176	128.925
W	1 52941	1.72456
MO	4 35294	2.87627
NI	60.0784	49.8694

51 OBSERVATIONS TOTAL
51 OBSERVATIONS ARE COMPLETE
50 DEGREES OF FREEDOM

Discussion of Results

(1) For the most part, the distributions of anomalous metal concentrations are aligned in a north to northwest trend reflecting the dominant structural trend.

(2) Anomalous gold values cluster within the central portions of the survey area. The anomalous zones follow the structural trend and appear to be in close proximity to an inferred ultramafic unit. As demonstrated by the correlation matrices (Table 3 and 5) no significant geochemical association with other metals have been recognized. Follow-up of these zones by a tighter soil sampling density is suggested.

(3) Anomalous nickel and arsenic samples located in the southeast corner of the grid form a large northwest trending zone believed to reflect an underlying ultramafic unit which has been identified in the neighbouring vicinity.

(4) Distribution of anomalous lead values tends to coincide with known quartz-galena vein occurrences located within the southwest corner of the soil grid. These veins often contain appreciable amounts of silver and zinc and are reflected as multi-element anomalies in the overlying soils.

(5) Distribution of anomalous tungsten values form a large zone located in the central southernmost region of the soil grid. The extent of the anomaly is unknown in its southern reaches and further detailed sampling is recommended to delineate its size. The close proximity to a large batholith and occurrence of limy sediments throughout the survey area, suggest a skarn type mineralization as a possible source of the anomalous zone.

(6) Distribution of anomalous copper, molybdenum, zinc and silver tend to be spotty, single point anomalies exhibiting no areal continuity. The majority of these anomalous samples were often obtained from swampy and boggy areas, suggesting scavenging of background concentrations by organic matter.

GEOPHYSICS

Within the period August 3 to August 20, 1982, Anaconda personnel completed some 70 line kilometres of magnetometer survey on the OPEC claim and some 40 line kilometres of VLF-EM survey on the QCM claims. This report describes the methodology of the geophysical surveys, presents the data, and briefly discusses the results.

VLF-EM Survey

A Phoenix VLF-2 electromagnetometer was used on the VLF survey of the QCM claims, with station NLK (Seattle, Washington at 24.8 KHz) as the primary field.

Both the in phase tilt angle and the horizontal component of field strength were recorded. The tilt angle results are plotted in profile form, along with the field strength in contour plan form (Figure 21, back pocket).

Magnetometer Survey

A Geometrics Unimag II total field proton precession magnetometer was used for the magnetics survey on the OPEC claims. The data was corrected for diurnal drift by reference to base station readings at about 1/2 hour intervals.

The magnetic field values are plotted in contour plan form on Figure 22 (back pocket). The plotted values should be multiplied by 10 and have 58000 gammas added to obtain the field reading at the station.

Discussion of Results

VLF-EM, QCM Grid

The in phase results are plotted so as to give a left wave crossover over VLF conductive bodies. A field strength maximum will normally be coincident with this crossover point. The areas of interpreted VLF conductors have been noted on the map (Figure 21, back pocket) by a dashed line. Heavy dashed lines denote well defined conductors, while the lighter dashed lines denote poorly defined conductors.

The QCM claims are underlain variously by basaltic volcanics, volcanic sediments, graphitic schists, and ultra mafic rocks. Probable sources of VLF conductors within this sequence are more graphitic sections of the schists, or at contacts of units having a large resistivity contrast. In addition, a highly conductive blue clay in overburden has been noted in portions of the claims, which could also create a VLF conductive response.

A marked reduction in field strength values is apparent on lines 32N, 34N, and 36N relative to the lines on either side. This may represent a zone of reduced conductivity (by destruction of graphite) as a result of alteration. However, the operator noted some problem with the transmitted signal at the time of survey of these lines, and hence some resurvey to verify those results is required.

Magnetometer Survey - OPEC Grid

Very little outcrop occurs on the OPEC claims, so geological information is sparse. Strikes, where obtainable, vary from about grid 90^o to 120^o and contouring of the results was biased to reflect that strike. As the survey lines are 400 metres apart, the confidence level for the contouring is fairly low. The stippled areas indicate magnetic "highs" where the total field is greater than 58600 gammas.

Probable sources of magnetic highs are pyrrhotite in altered volcanics or volcanic sediments (as noted in old trenches near 23+50W on line 20+00S) or magnetite in more mafic rocks.

CONCLUSIONS AND RECOMMENDATIONS

Two extensive zones of intense ankerite-sericite-albite-quartz pyrite alteration superimposed on volcanic and volcaniclastic rocks of the QCM claims carry geochemically anomalous gold values (up to 4200 ppb Au). The extent of the alteration zones suggests that the potential exists for economic bulk tonnage low grade gold mineralization. These alteration zones should be further investigated by trenching and percussion drilling.

Regional tungsten soil anomalies present in the southern portion of the OPEC claims should be followed up by additional soil sampling and prospecting. Additional soil sampling and prospecting is also warranted to establish the continuity and cause of gold soil anomalies present on OPEC claims 5 and 8.

REFERENCES

Armstrong, J. E.

1949: Fort St. James Map area, Cassiar and Coast Districts, British Columbia; Geol. Surv. Can., Memoir 252.

Monger, J. W. H. and I. A. Paterson

1974: Upper Paleozoic and Lower Mesozoic rocks of the Omineca Mountain; Geol. Surv. Can., Paper 74-1A, pp. 19-20

Wheeler, J. O. et al.

1972: The Cordilleran Structural Province; in Variations in Tectonic Styles in Canada, Geological Association of Canada Special Paper Number 11.

B.C.D.M. Assessment Reports 4245, 4246, 8956, 9944.

STATEMENT OF COSTS

GENERAL COSTS

(to be pro-rated to the QCM and OPEC Claims)

FOOD AND ACCOMODATION			
	322 man days @ 21.8		7,019.60
RENTAL EQUIPMENT			
	B.C. Tel Radio Telephone Calls	55.30	
(1)	Chev 3/4 Ton Pickup 4 x 4 48 days @ 33.11 July 2 - August 18	1,589.28	
(1)	GM Suburban 4 x 4 82 days @ 34.64 June 6 - August 27	2,840.48	
			4,485.06
FIXED WING			
	Northern Thunderbird, Trips Prince George/Germanson Landing/ Prince George - June 14,15,17,19,27; July 18; August 11, 14, 22,23	5,348.00	
	Seymour Travel Agency 6 Return Trips Vanc. - Prince George @ 226.80 per trip	1,360.80	
	3 Trips Prince George - Vancouver @ 118.40 per trip	355.20	
			7.064.00
DISPOSABLE MATERIAL AND SUPPLIES			
	Sample Bags, Flagging, Hip Chains, Sample Forms Notebooks, etc.		375.40
FREIGHT			
	C.P. Air	179.29	
	Motorways	330.09	
			509.38

PRE-FIELD PERSONNEL

Marilyn Atkinson, Senior Assistant 24 days @ 105.60 (including benefits) May 5-8, 10-15, 17-21, 24-28, May 31 - June 4.		2,534.40
REPORT PREPARATION		2,000.00
DRAFTING		
D. Carr, Draftsman; 166 hrs @ 12/hr	1,992.00	
Vancal; reproductions, supplies etc.	922.63	
		2,914.60
TOTAL GENERAL COSTS		26,902.44

QCM CLAIMS
GEOLOGY-GEOCHEMISTRY-GEOPHYSICS
(June 8 - August 26, 1982)

PERSONNELL

Field (167 man/days)

G. Carlson, Regional Exploration Manager 1 day @ 197, June 14	197.00	
L. Riccio, Project Geologist, 15 days @ 168, June 8-10, 14-17, 29-30, August 11-14, 22-23, 26	2,520.00	
A. Scott, Project Geophysicist 1 day @ 166, August 22	166.00	
A. Kishida, Senior Assistant 3 days @ 118 August 22-23, 26	354.00	
M. Atkinson, Senior Assistant 53 days @ 109 June 8-10, 14-23, 25-27, 29,30 July 1, 3-5, 7-9, 12-16, 26, 31 August 1-15, 18-23, 26	5,777.00	
D. Melling, Senior Assistant 35 days @ 87 June 19-23, 25-27, 29-30 July 1, 3-5, 7-9, 12-16, 27, 31 August 9, 11, 13-14, 16-17, 22-26	3,045.00	
R. Gordon, Junior Assistant 27 days @ 71 June 8-10, 12, 15-23, 25-27, 30 July 5, 12-14, 26 August 11, 13-15, 17-18	1,917.00	
B. Marini, Field Technician 32 days @ 162 June 8-10, 12, 15-23, 25-27, 30 July 5, 26 August 3, 13-17, 20-26	5,184.00	
		19,160.00
Benefits @ 20% of Salaries & Wages		3,832.00

GEOCHEMISTRY

6 Rock Samples Geochemically Analyzed for Au, Ag, As, Sb, Ni, @ 15.8	94.80	
19 Rock Samples Geochemically Analyzed for Au, Ag, As, Sb, @ 13.9	264.10	
1 Rock Sample geochemically Analyzed for Cu, Au, Ag, As @ 12.05	12.05	
115 Rock Samples Geochemically Analyzed for Au, Ag, As @ 10.15	1,167.25	
21 Rock Samples Assayed for Au @ 7.00	147.00	
1 Rock Sample Assayed for Ag @ 7.00	7.00	
Sample Preparation, 141 samples @ 2.50	352.50	
		2,044.70

TOTAL QCM CLAIMS	25,036.70

OPEC 1-2-4-6-10 CLAIMS

GEOLOGY-GEOCHEMISTRY-GEOPHYSICS

(July 11 - August 25)

PERSONNELL

Field (84.5 man/days)

G. Carlson, Regional Exploration Manager 1 day @ 197, June 15	197.00	
L. Riccio, Project Geologist 9 days @ 168 June 11-13, 27-28, July 12, 15, 17-18	1,512.00	
A. Scott, Project Geophysicist 0.5 days @ 166, August 23	83.00	
A. Kishida, Senior Assistant 2 days @ 118, August 24-25	236.00	
M. Atkinson, Senior Assistant 16 days @ 109 June 11-13, 24, 28 July 2, 6, 17-25	1,744.00	
D. Melling, Senior Assistant 18 days @ 87 June 24, 28 July 2, 6, 17-26 August 18-21	1,566.00	
R. Gordon, Junior Assistant 18 days @ 71 June 11, 13-14, 24, 28-29 July 1-4, 6-9, 15-18	1,278.00	
B. Marini, Field Technician 20 days @ 162 June 11, 13-14, 24, 28-29 July 1-4, 6-9, 12, 15, 17-20	3,240.00	
		9,856.00
Benefits 20% of Salaries & Wages		1,971.20

Post-Field

Paul Matysek, Geochemical Consultant 4 days @ 150 September 13-16	600.00

GEOCHEMISTRY

Rocks

35 Rock Sample Geochemically Analyzed for Au, Ag, As, Sb, @ 13.9	486.50	
32 Rock Samples Geochemically Analyzed for Au, Ag, As, @ 10.15	324.80	
Sample Preparation, 67 Samples @ 2.50	167.50	
		978.80

Soils

256 Soils Analyzed for Au, Ag, As, Mo, W, Ni, Cu, Pb, Zn @ 18.8	4,812.80	
Sample Preparation 256 Samples @ 0.60	153.60	
		4,966.40

OTHER COSTS

Computer Costs,	150.00	
Key Punching	20.00	
		170.00

TOTAL OPEC 1-2-4-6-10 CLAIMS	18,542.40

OPEC 3-5-7-8-9 CLAIMS

GEOLOGY-GEOCHEMISTRY-GEOPHYSICS

(July 19 - August 25)

PERSONNELL

Field (70.5 man/days)

L. Riccio, Project Geologist 2 days @ 168 August 24-25	336.00	
A. Scott, Project Geophysicist 0.5 days @ 166 August 23	83.00	
M. Atkinson, Senior Assistant 8 days @ 109 July 27-30, August 16-17, 24-25	872.00	
D. Melling, Senior Assistant 14 days @ 87 July 28-30 August 1-8, 10, 12, 15	1,218.00	
R. Gordon, Junior Assistant 24 days @ 71 July 19-25, 27-31 August 1-10, 12, 16	1,704.00	
B. Marini, Field Technician 22 days @ 162 July 21-25, 27-31 August 1-8, 10-12, 18-19	3,564.00	
		7,777.00
Benefits 20% of Salaries & Wages		1,555.40

Post-Field

Paul Matysek, Geochemical Consultant 6 days @ 150 Sept 20-22, Oct 15-17		900.00

GEOCHEMISTRY

Rocks

10 Rock Samples Geochemically Analyzed for Au, Ag, As @ 10.15	101.50	
1 Rock Sample Geochemically Analyzed for Au, Ag, As, Cu @ 12.05	12.05	
1 Rock Sample Geochemically Analyzed for Au, Ag, As, Cu, Ni, @ 13.95	13.95	
1 Rock Sample Assayed for Au, @ 7.00	7.00	
1 Rock Sample Assayed for Ag, @ 7.00	7.00	
		141.50
Sample Preparation 12 Samples @ 2.50		30.00

Soils

734 Samples Analyzed for Au, Ag, As, Mo, W, Ni, Cu, Pb, Zn, @ 18.8	13,799.20	
Sample Preparation, 734 Samples @ 0.60	440.40	
		14,239.60

OTHER COSTS

Computer Costs	250.00	
Keypunching	30.00	
		280.00

TOTAL OPEC 3-5-7-8-9 CLAIMS	24,925.50

COSTS APPORTIONED TO CLAIMS

CLAIMS	UNITS	GENERAL COSTS		GEOLOGY-GEOCHEM-GEOPHYSICS	TOTAL
QCM 1-5	88	13,951.61	(51.86%)	25,036.7	38,988.31
OPEC 1,2,4,6,10	98	7,059.20	(26.24%)	18,542.4	25,601.60
OPEC 3,5,7, 9	100	5,891.63	(21.9%)	24,925.5	30,817.13
TOTAL	286	26,902.44		68,504.6	95,407.04

STATEMENT OF QUALIFICATIONS

L. Riccio	- BSc (1969) -	University of Turin - Geology
	- MSc (1972) -	University of Western Ontario - Geology
	- PhD (1976) -	University of Western Ontario - Geology
M. Atkinson	- BSc (1980) -	Carleton University - Geology
A. R. Scott	- BSc (1970) -	University of British Columbia - Geophysics

Respectfully Submitted

Luca Riccio

November 1982

L. Riccio, PhD
Project Geologist

APPENDIX 1

Rock and Soil Geochemistry

Geochemical Preparation and Analytical Procedures

GEOCHEMICAL PREPARATION
AND
ANALYTICAL PROCEDURES

1. Geochemical samples (soils, silts) are dried at 50°C for a period of 12 to 24 hours. The dried sample is sieved to -80 mesh fraction through a nylon and stainless steel sieve. Rock geochemical materials are crushed, dried and pulverized to -100 mesh.

2. A 1.00 gram portion of the sample is weighed into a calibrated test tube. The sample is digested using hot 70% $HClO_4$ and concentrated HNO_3. Digestion time = 2 hours.

3. Sample volume is adjusted to 25 mls. using demineralized water. Sample solutions are homogenized and allowed to settle before being analyzed by atomic absorption procedures.

4. Detection limits using Techtron A.A.5 atomic absorption unit.

   Copper - 1 ppm
   Molybdenum - 1 ppm
   Zinc - 1 ppm
   *Silver - 0.2 ppm
   *Lead - 1 ppm
   *Nickel - 1 ppm
   Chromium - 5 ppm

   *Ag, Pb & Ni are corrected for background absorption.

5. Elements present in concentrations below the detection limits are reported as one half the detection limit, ie. Ag - 0.1 ppm

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Ans'd.................................

GEOCHEM PROCEDURES

TO: ANACONDA CANADA EXPL.

ATTN: L. Riccio & P. Matysek

PPM Silver: A 1.0 gm portion of sample is digested in conc. perchloric-nitric acid ($HClO_4$-HNO_3) for approx. 2 hours. The digested sample is cooled and made up to 25 mls with distilled water. The solution is mixed and solids are allowed to settle. Silver is determined by atomic absorption technique using background correction on analysis.
Detection limit - 0.1 PPM

PPM Antimony: A 2.0 gm sample digested with conc. HCl in hot water bath. The iron is reduced to Fe +2 state and the Sb complexed with I^-. The complex is extracted with TOPO-MIBK and analyzed via A.A. Correcting for background absorption 0.2 ppm ± 0.2
Detection limit - 0.2 PPM

PPM Tungsten: A 0.50 gm sample is fused with potassium bisulfate and leached with hydrochloric acid. The reduced form of tungsten is complexed with toluene 3, 4 dithiol and extracted into an organic phase. The resulting color is visually compared to similarly prepared standards.
Detection limit - 2 PPM

PPB Gold: A 5 gm sample ashed @800°C for one hour, digested with aqua regia - to dryness - taken up in 25% HCl^-, the gold then extracted as the bromide complex into MIBK and analyzed via A.A.
Detection limit - 10 PPB

PPM Arsenic: A 1.0 gm sample is digested with a mixture of perchloric and nitric acid to strong fumes of perchloric acid. The digested solution is diluted to volume and mixed. An aliquot of the digest is acidified, reduced with Kl and mixed. A portion of the reduced solution is converted to arsine with $NaBH_4$ and the arsenic content determined using flameless atomic absorption.
Detection limit - 1 PPM

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APPENDIX 2

Rock Geochemistry : Analytical Results

CHEMEX LABS LTD.

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CANADA V7J 2C1
TELEPHONE: (604) 984-0221
TELEX: 043-52597

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CERTIFICATE OF ANALYSIS

TO : ANACONDA CANADA EXPLORATION LTD.

1600-1500 WEST GEORGIA STREET
VANCOUVER, B.C.
V6G 2Z6

ATTN: LUCA RICCIA

CERT. # : A8211453-001-A
INVOICE # : I8211453
DATE : 23-JUN-82
P.O. # : NONE
51989 MANSON

Sample description	Prep code	Ag ppm	Ni ppm	AS ppm	AU-AA ppb	Sb ppm	
# 1	205	0.1	78	29	540	5.0	--
# 2	205	0.2	81	30	200	7.0	--
# 3	205	0.1	36	15	290	6.0	--
# 4	205	0.1	27	16	300	38.0	--
# 5	205	60.0	15	110	120	530.0	--
# 6	205	1.0	20	50	60	19.5	--
# 7	205	1.1	--	17	120	16.0	--
# 8	205	9.7	--	70	120	86.0	--
# 9	205	2.6	--	85	70	31.0	--
# 10	205	0.2	--	36	70	2.8	--
# 11	205	0.3	--	50	100	2.2	--
# 12	205	0.1	--	35	<10	1.9	--
# 13	205	0.4	--	36	20	2.3	--
# 14	205	0.1	--	24	<10	1.6	--
# 15	205	0.5	--	59	40	17.0	--
# 16	205	1.6	--	71	50	26.0	--
# 17	205	0.2	--	20	10	1.4	--
# 18	205	0.1	--	15	<10	0.4	--
# 19	205	0.2	--	70	<10	1.6	--
# 20	205	0.1	--	65	20	0.9	--
# 21	205	0.2	--	43	<10	1.2	--
# 22	205	3.4	--	100	10	4.8	--
# 23	205	0.1	--	55	10	1.8	--
# 24	205	0.6	--	400	<10	5.2	--
# 25	205	0.1	--	27	20	0.7	--
# 26	205	0.6	--	5	760	0.5	--
# 27	205	0.2	--	36	<10	0.8	--
# 28	205	0.4	--	22	20	0.6	--
# 29	205	0.5	--	14	920	1.0	--
# 30	205	0.7	--	23	920	0.7	--
# 31	205	0.1	--	30	20	0.8	--
# 32	205	0.2	--	45	<10	0.9	--
# 33	205	0.2	--	35	10	0.7	--
# 34	205	0.1	--	23	<10	0.4	--
# 35	205	0.7	--	170	10	2.2	--
# 36	205	0.2	--	9	20	1.4	--
# 37	205	0.3	--	16	10	1.4	--
# 38	205	0.2	--	38	<10	2.0	--
# 39	205	0.5	--	22	10	1.6	--
# 40	205	0.5	--	7	<10	1.0	--

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NORTH VANCOUVER, B.C.
CANADA V7J 2C1

TELEPHONE: (604) 984-0221
TELEX: 043-52597

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CERTIFICATE OF ANALYSIS

TO : ANACONDA CANADA EXPLORATION LTD.

1600-1500 WEST GEORGIA STREET
VANCOUVER, B.C.
V6G 2Z6

ATTN: LUCA RICCIA

CERT. # : A8211453-002-/
INVOICE # : I8211453
DATE : 23-JUN-82
P.O. # : NONE
51989 MANSON

Sample description	Prep code	Ag ppm	Ni ppm	AS ppm	AU-AA ppb	Sb ppm	
# 41	205	0.1	--	11	50	1.6	--
# 42	205	0.3	--	19	<10	0.9	--
# 43	205	0.2	--	33	<10	1.6	--
# 44	205	0.6	--	90	<10	3.2	--
# 45	205	0.5	--	32	10	2.4	--
# 46	205	0.9	--	55	<10	1.4	--
# 47	205	0.3	--	35	<10	1.8	--
# 48	205	0.1	--	11	<10	1.2	--
# 49	205	0.2	--	7	10	0.5	--
# 50	205	0.9	--	22	<10	1.6	--
# 51	205	1.1	--	15	10	1.9	--
# 52	205	1.3	--	45	20	3.0	--
# 53	205	1.3	--	30	10	2.8	--
# 54	205	1.0	--	11	<10	3.2	--
# 55	205	1.0	--	6	<10	1.5	--
# 56	205	3.1	--	10	<10	2.2	--
# 57	205	1.6	--	7	20	1.8	--
# 58	205	1.3	--	9	10	0.9	--
# 59	205	0.3	--	1	<10	0.4	--
# 60	205	0.7	--	39	<10	1.4	--
# 61	205	3.8	--	130	30	17.0	--
# 62	205	1.1	--	53	<10	1.8	--
# 63	205	0.8	--	30	<10	1.2	--

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TO : ANACONDA CANADA EXPLORATION LTD.

1600-1500 WEST GEORGIA STREET
VANCOUVER, B.C.
V6G 2Z6

ATTN: LUCA RICCIO

CERT. # : A8211890-001-A
INVOICE # : I8211890
DATE : 19-JUL-82
P.O. # : NONE
51993

Sample description	Prep code	Ag ppm	Ni ppm	AS ppm	AU-AA ppb		
64	205	0.1	--	25	<10	--	--
65	205	0.1	26	5	20	--	--
66	205	0.1	--	25	250	--	--
67	205	0.1	--	57	40	--	--
69	205	4.5	--	67	60	--	--
70	205	0.2	--	150	50	--	--
71	205	0.1	--	27	140	--	--
72	205	0.1	--	63	20	--	--
73	205	0.1	630	35	<10	--	--
74	205	0.1	--	35	<10	--	--
75	205	0.1	--	11	20	--	--
76	205	0.1	--	15	20	--	--
77	205	0.1	--	67	10	--	--
78	205	0.2	--	22	60	--	--
79	205	0.1	--	32	10	--	--
80	205	0.1	--	12	170	--	--
81	205	0.2	--	29	10	--	--
82	205	0.1	--	35	<10	--	--
83	205	0.1	--	30	<10	--	--
84	205	0.1	--	79	20	--	--
85	205	0.3	--	6	50	--	--
86	205	0.3	--	9	90	--	--
87	205	0.2	--	12	1200 X	--	--
89	205	0.1	--	6	30	--	--
90	205	0.3	--	6	220	--	--
91	205	0.5	--	39	160	--	--
92	205	0.1	--	32	20	--	--
93	205	0.1	--	12	20	--	--
94	205	0.1	--	11	70	--	--
95	205	0.1	--	23	240	--	--
96	205	0.1	--	22	10	--	--
97	205	1.9	--	23	100	--	--
98	205	1.2	--	25	200	--	--
99	205	0.1	--	24	<10	--	--
100	205	0.1	--	57	<10	--	--
101	205	12.0	--	51	20	--	--
105	205	0.2	--	35	10	--	--

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TELEPHONE: (604) 984-0221
TELEX: 043-52597

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VANCOUVER, B.C.
V6G 2Z6

ATTN: LUCA RICCIO

CERT. # : A8211982-001-A
INVOICE # : I8211982
DATE : 22-JUL-82
P.O. # : NONE
51993

Sample description	Prep code	Cu ppm	Ag ppm	Ni ppm	AS ppm	AU-AA ppb	
106	205	--	0.2	--	9	<10	--
107	205	--	0.2	--	22	<10	--
108	205	--	0.1	--	30	10	--
109	205	--	0.1	--	29	<10	--
110	205	--	0.1	--	29	<10	--
111	205	--	0.1	--	17	<10	--
121	205	--	0.8	--	30	20	--
122	205	--	0.1	--	33	10	--
123	205	--	0.5	--	100	10	--
124	205	--	0.2	--	45	10	--
125	205	--	0.1	--	36	10	--
126	205	--	0.9	--	9	4200	--
127	205	--	0.4	--	23	40	--
128	205	--	0.4	--	10	680	--
129	205	--	0.1	--	36	40	--
130	205	--	0.1	--	32	<10	--
131	205	--	0.3	--	36	120	--
132	205	--	0.4	--	81	20	--
133	205	--	0.1	--	29	10	--
134	205	65	0.1	29	23	10	--
135	205	--	0.1	--	20	<10	--
136	205	--	0.7	--	30	<10	--

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ATTN: LUCA RICCIO

CERT. # : A8212203-001-
INVOICE # : I8212203
DATE : 6-AUG-82
P.O. # : NONE
51993

Sample description	Prep code	Cu ppm	Ag ppm	AS ppm	AU-AA ppb		
QCMRC-137	205	--	0.1	14	20	--	--
QCMRC-138	205	--	0.3	4	20	--	--
QCMRC-139	205	--	0.3	12	120	--	--
QCMRC-140	205	--	0.1	19	10	--	--
QCMRC-141	205	--	0.3	15	240	--	--
QCMRC-142	205	--	0.9	12	360	--	--
QCMRC-143	205	--	0.8	32	160	--	--
QCMRC-144	205	--	0.8	33	120	--	--
QCMRC-145	205	--	0.5	27	40	--	--
QCMRC-146	205	--	0.2	55	40	--	--
QCMRC-147	205	--	0.6	39	520	--	--
QCMRC-148	205	--	0.1	12	<10	--	--
QCMRC-149	205	--	0.1	25	40	--	--
QCMRC-150	205	--	0.1	41	10	--	--
QCMRC-151	205	--	0.3	3	<10	--	--
QCMRC-152	205	--	0.1	11	<10	--	--
QCMRC-153	205	--	0.2	2	<10	--	--
QCMRC-154	205	--	0.2	16	20	--	--
QCMRC-155	205	--	0.2	41	<10	--	--
QCMRC-156	205	--	0.8	48	40	--	--
QCMRC-157	205	--	1.7	45	520	--	--

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ATTN: LUCA RICCIO

CERT. # : A8212167-001-
INVOICE # : I8212167
DATE : 6-AUG-82
P.O. # : NONE
51993

Sample description	Prep code	Ag ppm	AS ppm	AU-AA ppb			
159	205	0.2	2	20	--	--	--
160	205	0.3	33	<10	--	--	--
161	205	0.2	12	10	--	--	--
162	205	0.6	41	<10	--	--	--
163	205	0.2	43	<10	--	--	--
164	205	0.2	29	<10	--	--	--
165	205	0.1	30	<10	--	--	--
166	205	0.2	19	<10	--	--	--
167	205	0.2	23	10	--	--	--
168	205	5.4	16	<10	--	--	--
169	205	1.0	23	<10	--	--	--
170	205	1.3	27	<10	--	--	--
171	205	0.9	20	<10	--	--	--
172	205	0.2	19	<10	--	--	--
173	205	0.2	24	<10	--	--	--

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1600-1500 WEST GEORGIA STREET
VANCOUVER, B.C.
V6G 2Z6

ATTN: LUCA RICCIO

CERT. # : A8212675-001-
INVOICE # : I8212675
DATE : 24-AUG-82
P.O. # : NONE
51993

Sample description	Prep code	Ag ppm	Ni ppm	AS ppm	AU-AA ppb		
174	205	0.3	--	15	<10	--	--
175	205	0.5	--	65	10	--	--
176	205	0.1	--	63	<10	--	--
177	205	0.4	--	65	<10	--	--
178	205	3.1	--	38	<10	--	--
179	205	0.2	--	97	<10	--	--
180	205	0.6	--	27	<10	--	--
181	205	27.0	--	19	200	--	--
182	205	0.3	--	15	<10	--	--
183	205	1.0	--	53	<10	--	--
184	205	0.3	--	16	<10	--	--
209	205	0.1	--	5	<10	--	--
210	205	0.5	--	38	30	--	--
211	205	0.2	--	25	<10	--	--
212	205	0.5	--	50	720	--	--
213	205	0.7	--	65	20	--	--
214	205	0.6	--	23	20	--	--
215	205	0.4	--	24	120	--	--
216	205	22.0	--	17	<10	--	--
217	205	1.9	123	3	20	--	--
218	205	0.8	--	16	<10	--	--
219	205	0.8	--	24	<10	--	--
220	205	0.6	--	24	<10	--	--
221	205	0.1	--	4	<10	--	--
222	205	0.9	--	14	90	--	--
223	205	1.2	--	33	240	--	--
224	205	0.4	--	15	40	--	--

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1600-1500 WEST GEORGIA STREET
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ATTN: LUCA RICCIO

CERT. # : A8212444-001-
INVOICE # : I8212444
DATE : 13-AUG-82
P.O. # : NONE
51993

Sample description	Prep code	Cu ppm	Mo ppm	Ag ppm	AS ppm	AU-AA ppb	
185	205	--	--	0.5	160	<10	--
186	205	--	--	0.6	32	10	--
187	205	--	--	0.6	14	740	--
188	205	--	--	0.2	17	<10	--
189	205	--	--	0.3	16	<10	--
191	205	--	--	0.5	14	80	--
192	205	--	--	0.5	20	340	--
193	205	--	--	0.2	11	220	--
194	205	--	--	0.6	16	520	--
195	205	--	--	0.3	12	60	--
196	205	--	--	0.4	16	30	--
197	205	--	--	0.2	4	480	--
198	205	--	--	0.2	7	1120	--
199	205	--	--	0.4	23	230	--
200	205	--	--	0.2	61	<10	--
201	205	--	--	0.3	4	180	--
202	205	--	--	0.2	11	200	--
203	205	--	--	0.6	5	120	--
204	205	--	--	0.2	6	60	--
							--
							--
							--
							--

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1600-1500 WEST GEORGIA STREET
VANCOUVER, B.C.
V6G 2Z6

ATTN: LUCA RICCIO

CERT. # : A8212879-001-
INVOICE # : I8212879
DATE : 30-AUG-82
P.O. # : NONE
51993

Sample description	Prep code	Cu ppm	Ag ppm	AS ppm	AU-AA ppb	Sb ppm	
2-9	205	920	>100.0	115	6500	175.0	--
234	205	--	0.3	45	20	--	--
235	205	--	0.5	22	20	--	--
236	205	--	0.4	39	80	--	--
237	205	--	0.4	45	10	--	--
238	205	--	0.4	39	20	--	--
239	205	--	0.3	39	300	--	--
240	205	--	0.8	14	1800	--	--
241	205	--	0.9	11	3700	--	--
242	205	--	0.4	36	<10	--	--
243	205	--	0.3	41	80	--	--
244	205	--	0.5	45	<10	--	--
245	205	--	--	--	50	--	--
246	205	--	0.5	59	<10	--	--
247	205	134	2.8	360	10	--	--
248	205	51	2.5	33	10	--	--
249	205	--	0.3	30	<10	--	--

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1600-1500 WEST GEORGIA STREET
VANCOUVER, B.C.
V6G 2Z6

ATTN: LUCA RICCIO

CERT. # : A8213431-001-A
INVOICE # : I8213431
DATE : 24-SEP-82
P.O. # : NONE
51993

Sample description	Prep code	Ag ppm	AS ppm	AU-AA ppb			
250	205	0.3	15	10	--	--	--
253	205	0.1	10	<10	--	--	--
257	205	0.1	6	<10	--	--	--
258	205	0.1	2	<10	--	--	--

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V6G 2Z6

ATTN: LUCA RICCIO

CERT. # : A8213904-001-
INVOICE # : I8213904
DATE : 20-OCT-82
P.O. # : NONE
51993

Sample description	Prep code	Ag ppm	AS ppm	AU-AA ppb			
259	205	0.1	29	<10	--	--	--

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1600-1500 WEST GEORGIA STREET
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V6G 2Z6

ATTN: LUCA RICCIO

CERT. # : A8212187-001-A
INVOICE # : I8212187
DATE : 27-JUL-82
P.O. # : NONE
51989 MANSON

Sample description	Prep code	Ag FA g/tonne	Au FA g/tonne				
# 1	214	--	0.2	--	--	--	--
# 2	214	--	0.1	--	--	--	--
# 3	214	--	0.1	--	--	--	--
# 4	214	--	0.2	--	--	--	--
# 5	214	61.0	--	--	--	--	--
# 26	214	--	1.0	--	--	--	--
# 29	214	--	2.7	--	--	--	--
# 30	214	--	2.0	--	--	--	--

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1600-1500 WEST GEORGIA STREET
VANCOUVER, B.C.
V6G 2Z6

ATTN: LUCA RICCIO

CERT. # : A8212186-001-
INVOICE # : I8212186
DATE : 27-JUL-82
P.O. # : NONE
51993

Sample description	Prep code	Ag FA g/tonne	Au FA g/tonne				
#87	214	--	2.1	--	--	--	--

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ATTN: LUCA RICCIO

CERT. # : A8212219-001-A
INVOICE # : I8212219
DATE : 6-AUG-82
P.O. # : NONE
51993

Sample description	Prep code	Au FA oz/t					
126	214	0.128	--	--	--	--	--
128	214	0.028	--	--	--	--	--

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ATTN: LUCA RICCIO

CERT. # : A8212777-001-
INVOICE # : I8212777
DATE : 30-AUG-82
P.C. # : NONE
51993

Sample description	Prep code	Au FA oz/t					
QCMRC-147	214	0.010	--	--	--	--	--
QCMRC-157	214	0.014	--	--	--	--	--
187	214	0.020	--	--	--	--	--
194	214	0.040	--	--	--	--	--
197	214	0.044	--	--	--	--	--
199	214	0.003	--	--	--	--	--

B. Swaites

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ATTN: LUCA RICCIO

CERT. # : A8213220-001-
INVOICE # : I8213220
DATE : 17-SEP-82
P.O. # : NONE
51993

Sample description	Prep code	Au FA oz/t					
229	214	0.142	--	--	--	--	--
239	214	0.006	--	--	--	--	--
240	214	0.054	--	--	--	--	--
241	214	0.138	--	--	--	--	--

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ATTN: LUCA RICCIO

CERT. # : A8213042-001-
INVOICE # : I8213042
DATE : 8-SEP-82
P.O. # : NONE
51993

Sample description	Prep code	Ag FA oz/T					
229	214	2.60	--	--	--	--	--

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APPENDIX 3

Rock Goechemistry : Sample Descriptions

QCM CLAIMS: Rock Geochemistry Sample Descriptions

1. Ank-Alb-Qtz-Mar alt'n, 2-3% py. 10cm pods and stringers of qtz. 1.7m chip.

2. Ank-Alb-Qtz-Mar alt'n with py and cross cutting qtz veins. 2.5m chip.

3. Massive ank-alb qtz-mar-py alt'n in lower 1 1/2 metres. Schistose ank-ser-qtz-py alt'n in upper 1m of sample. 2.5m chip.

4. Massive ank-alb-qtz-py alt'n, 2-5% py. Lower .5 metres massive qtz vein. 1.9m chip.

5. 50% ank-alb-qtz-py gouge, 2-5% py. 50% massive qtz veins with Cu stain. 1.8m chip.

6. Ank-alb-qtz-py alt'n and qtz veins in fault gouge. 2.4m chip.

7. Massive to foliated ser-qtz-py alt'n with 10cm qtz vein. 2.3m chip.

8. 60% massive qtz vein gouge with py clasts. 40% ank-alb-qtz-py gouge. 2.1m chip.

9. Fault gouge qtz and ank-alb-qtz-py alt'n. 1.6m chip.

10. Chlor Schist with 5% ank. 2.2m chip.

11. Massive to foliated chlor schist with up to 10% ank. Upper half of sample chlor-graph-ank schist. 2.4m.

12. Massive ser-ank-alb-qtz alt'n to schistose graphitic sediment. Minor py, few qtz veins. 3.3m chip.

13. Foliated to schistose ser-ank alt'n. 5-15% ank. 2.1m chip.

14. Chlor-Graph-Ank-Schist, 15% ank, 1% py. 6.3m chip.

15. Fault gouge of qtz-ank-py-limonite-qtz veins.

16. Fault gouge mostly as sample 15 and ser-qtz-py-qtz veins gouge.

17. Chlor-Ser-Ank Schist.

25. Intense qtz-ank alt'n of epiclastic rock. Very hard.

26. Ank-Alb-Qtz-Ser alt'n of epiclastic. 50% ank, 2-5% py.

27. Ank-Alb-Qtz-Ser alt'n of epiclastic rocks. Grab.

28. Ank-Alb-Qtz-Ser alt'n of epiclastic. Minor py. Grab

29. Ank-Alb-Qtz-Ser alt'n of epiclastic. 2% py. Grab.

30. Ank-Alb-Qtz-Ser alt'n of epiclastic. Grab.

31. Ank-Alb-Qtz-Ser alt'n of epiclastic. Grab.

32. Intense Ank-Alb-Qtz-Ser alt'n of epiclastic. 50% ank, minor fine grained py. Grab.

33. Intense Ank-Alb-Qtz-Ser alt'n of epiclastic. Up to 5% py, 60% ank. Grab.

34. Ank-Alb-Qtz-Ser alt'n of epiclastic. <1% py. Grab.

64. Tectonic breccia.

65. Intense Ank-Alb-Ser-Qtz-Mar alteration of mafic volcanic? 20-80% ank, moderate schistosity.

66. Ank-Alb-Qtz-Ser alt'n of epiclastic cut by qtz vein with ank, py envelope.

67. Ank-Ser-Alb-Qtz alt'n of epiclastic with qtz-carbonate-py vein.

72. Sample of one metre wide ank-alb-qtz-ser-py alt'n cutting basalt. 1% py, qtz-carbonate veinlets.

73. Ank-Magnesite-Qtz-Mar-Py alt'n after ultramafic rock. 1-2% py, 5-10% mar.

74. Ank-Alb-Ser-Qtz-Py alt'n of basalt. 1-2% fine py, 1% mar.

75. Ank-Alb-Qtz-Ser-Py alt'n of basalt with 2% py, qtz vein.

76. Composite sample of massive Ank-Alb-Qtz-Ser - 1% py alt'n, and schistose ank-ser-alb-qtz-mar alt'n after volcanic rock.

77. Moderately schistose chloritic basalt with 1% coarse py to 1cm. 5% ank.

78. Ank-Alb-Ser-Qtz-Mar alt'n around 5cm qtz vein, 2% mar, 2% fine py.

79. Moderately schistose ank-ser-alb-qtz cut by QV with envelope of ank-alb-qtz-ser-py-mar 2% py.

80. Ank-Alb-Qtz-Ser alt'n with 2-3% py cut by fine qtz-carbonate veinlets.

81. Ank alt'n of volcaniclastic with 1% coarse py cubes.

82. Chloritic sediment? with 2-5% coarse py cubes.

83. Chloritic volcaniclastic with 1-2% py up to 1.5cm cubes.

84. Ank-Alb-Qtz-Ser-Mar-Py alt'n of volcanic rock with qtz veinlets. 15-25% ank, 1-2% mar, 1% py.

85. Ank-Ser-Alb-Qtz alt'n of volcanic rock. Minor py.

86. Massive Ank-Alb-Qtz-Ser-Py alt'n about qtz veins. 2.5% fine py.

87. Massive fine grained ank-alb-qtz-ser-py alt'n of volcanic rock with qtz veins.

88. Massive Ank-Alb-Qtz-Ser-Mar alt'n of volcanic rock 25% ank.

89. Schistose Ank-Ser-Alb-Qtz alt'n. 20-40% ank.

90. 010 trending qtz vein with massive ank-alb-qtz-ser alt'n envelope. 2-5% py.

91. 110/steeply dipping qtz vein with massive ank-alb-qtz-ser-py alt'n envelope. Taken 0.5 metre away from sample #90.

92. Chlor-Ank Schist from fault zone. 20% ank.

93. Ser-Ank Schist from fault zone. 15-40% ank.

94. Massive Alk-Alb-Qtz-Ser-Mar alt'n.

95. Massive, fine grained ank-alb-qtz-ser alt'n with 5% py near qtz veins.

96. Siliceous and chloritic-sericitic sediment with 10-30% ank, $<1\%$ coarse py cubes.

97. Massive ank-alb-qtz-ser alt'n. 20-50% ank.

98. Massive fine grained ank-alb-qtz-ser-mar alt'n with qtz veins. 5% py, 1% mar.

99. Weak ank alt'n of epiclastic $<10\%$ ank.

100. Massive ank-alb-qtz-ser-mar alt'n with qtz-carbonate veinlets.

101. Massive ank-alb-qtz-ser-mar alt'n with qtz vein. Fine py and chalcopyrite. Boulder?

102. Ank alt'n of fine epiclastic. 15-20% ank, $<1\%$ coarse py cubes.

105. Massive ank-alb-qtz-ser alt'n of epiclastic rock.

106. Fresh coarse epiclastic with 1% coarse py cubes up to 1.5cm.

107. Ank alt'n of epiclastic. 20% disseminated ank.

108. Ank alt'n of epiclastic. 1% fine py.

109. Schistose ank-ser-alb-qtz alt'n of epiclastic rock with qtz veins.

110. Chlor-Ser-Ank (20%) alt'n of epiclastic with cross cutting qtz veins with <1% py cubes to 2cm.

111. Ank alt'n of epiclastic with ank, chlor veinlets. 20% ank.

121. Massive Ank-Alb-Qtz-Ser alt'n with 2-5% py and qtz veinlets.

122. Massive epiclastic with 20% ank, < 1% py.

123. Massive Ank-Alb-Qtz-Ser alt'n of epiclastic with 1-2% coarse py.

124. Massive Ank-Alb-Qtz-Ser alt'n of epiclastic with negligible py.

125. Massive Ank-Alb-Qtz-Ser alt'n of epiclastic.

126. Massive Ank-Alb-Qtz alt'n with 5% py, qtz veins.

127. Massive to weakly schistose ank-alb-qtz-ser alt'n of epiclastic.

128. Massive Ank-Alb-Qtz-Ser alt'n with 5% py.

129. Same as #128 except negligible py.

130. Ank (25-50%) alt'n of epiclastic rock with qtz vein.

131. Ank-Alb-Qtz-Ser alt'n of epiclastic with 2-5% py.

134. Ank-Qtz alt'n cut by fine qtz veins.

135. Chlor-Ser-Ank Schist. 10-20% disseminated ank.

136. Ank-Alb-Ser-Qtz alt'n of basalt? 1% py.

137. Ank-Ser-Alb-Qtz-Mar alt'n of basalt with qtz vein and 2-3% py. 1.2m chip sample.

138. Massive Ank-Alb-Qtz-Ser-Py alt'n of epiclastic. 1-2% py. 0.8m chip.

139. Ank-Alb-Qtz-Ser alt'n of coarse epiclastic with qtz veinlet, 1-3% py. 2m chip sample.

140. Ank-Alb-Ser-Qtz alt'n of epiclastic. 1% py. 0.9m chip sample.

141. Ank-Ser-Alb-Qtz alt'n of epiclastic with 2-3% py. 1.7m chip sample.

142. Intense Ank-Alb-Qtz-Ser alt'n of epiclastic. 1.1m chip sample.

143. Ank-Alb-Qtz-Ser alt'n of epiclastic. <1% fine py. Grab.

144. Ank-Alb-Qtz-Ser alt'n of epiclastic. 1-2% py. 1.0m chip sample.

145. Chlor 20% ank alt'n of epiclastic. 1.15m chip sample.

146. Ank-Alb-Qtz-Ser alt'n of epiclastic. <1% py, 20% ank. 1.2m chip sample.

147. Ank-Alb-Qtz-Py alt'n of epiclastic, 5% py. Grab.

148. Epiclastic rock with 25-50% ank alt'n. <1% py. Grab over 1 1/2 metres.

149. Massive Ank-Alb-Qtz-Ser alt'n of epiclastic, 5% py. Grab.

150. Massive Ank-Alb-Qtz-Ser alt'n of epiclastic with <1% py. 0.5m chip sample.

151. Ank-Alb-Qtz-Ser-Mar alt'n of basalt. 1-2% fine py. 1.2m chip sample.

152. Basalt-bleached, ank veinlets, calcite amygdules. 1.7m chip sample.

153. Schistose Ser-Chlor-Ank alt'n of basalt. Disseminated and veins of ank. 1m chip sample.

154. Ank-Alb-Qtz-Ser-Py envelope around 15cm qtz vein in ank-ser-alb-qtz alt'n of basalt. 2.0m chip.

155. Massive chlor/ser-ank alt'n of basalt. Bleached. 1.0m chip sample.

156. Ank-Alb-Ser-Qtz alt'n of volcanic rock. 0.6m chip sample.

157. Massive Ank-Alb-Qtz-Ser-py alt'n envelope around qtz vein. 2-3% py. 0.6m chip sample.

191. Ank-Alb-Ser-Qtz-Mar alt'n with 2-5% py. 1.9m chip sample.

192. Ank-Alb-Ser-Qtz alt'n with 2-5% py. 1.5m chip sample.

193. Ank-Alb-Qtz alt'n with 1-3% py. 1.0m chip sample.

194. Ank-Alb-Qtz-Ser alt'n with 2-5% py. 0.6m chip sample.

195. Ank-Alb-Qtz-Ser alt'n with 2-5% py. 1.0m chip sample.

196. Ank-Alb-Qtz-Ser alt'n with 3-5% py. 0.6m chip sample.

197. Ank-Alb-Ser-Qtz alt'n with 2-3% py. 1.0m chip sample.

198. Ank-Alb-Qtz-Ser alt'n with 3-5% py. 1.2m chip sample.

199. Ank-Alb-Qtz-Ser-Mar alt'n with 1-3% py. 1.2m chip sample.

200. Schistose Ank-Ser-Alb-Qtz alt'n. 1.1m chip sample.

201. Ank-Alb-Ser-Qtz-Mar alt'n with 1-5% py. 1.0m chip sample.

202. Ank-Alb-Qtz-Ser alt'n with 1-3% py. 1.4m chip sample.

203. Ank-Alb-Qtz-Ser alt'n cut by many qtz veins, 2-8% py. 2.8m chip sample.

204. Ank-Ser-Alb-Qtz-Mar alt'n with 1-5% py. 2.0m chip sample.

210. Massive Ank-Alb-Qtz-Ser-Py alt'n of epiclastic rock with few qtz veinlets, 3-10% fine py. 1.4m chip sample.

211. Ank-Alb-Qtz-Ser alt'n of epiclastic rock with 1-2% fine py, 20%-50% ank. 0.75m chip sample.

212. Ank-Alb-Qtz-Ser alt'n of epiclastic rock with qtz veinlets, 5-10% cubic py. 0.5m chip sample.

213. Massive Ank-Alb-Qtz-Ser alt'n of epiclastic rock with 3-5% py. 0.3m chip sample.

214. Ank-Alb-Qtz-Ser alt'n of epiclastic rock with 2-5% py and qtz veinlets. 1.5m chip sample.

215. Ank-Alb-Qtz-Ser alt'n of epiclastic rock with qtz veinlets and 1-10% py. 1.6m chip sample.

222. Ank-Alb-Qtz-Ser alt'n of epiclastic rock with 1% py. 0.9m chip sample.

223. Ank-Alb-Qtz-Ser rock with qtz veins, 1-5% py. 0.6m chip sample.

224. Ank-Alb-Qtz-Ser alt'n of epiclastic rock with 1-3% py envelope around qtz vein. 1.0m chip sample.

Samples 234-244 are 1m chip samples of altered epiclastic rock from trench.

234. Ank-Alb-Qtz-Ser-Py alt'n with py to 5%.

235 - 238 Ank-Alb-Qtz-Ser alt'n with variable py.

239. Ank-Alb-Qtz-Ser alt'n with py in smoky qtz veinlets.

240 & 241 Ank-Alb-Qtz-Ser-Py alt'n with qtz veinlets, 10% py.

242. Ank-Alb-Ser-Qtz alt'n with 1-3% py.

243-244 Ank-Alb-Ser-Qtz alt'n with 1% py.

245. Py concentrate from pyritic blue clay in trench.

257. Fresh epiclastic rock.

259. Ank alt'n of andesitic rock.

OPEC CLAIMS: Rock Geochemistry Sample Descriptions

19. Ank-Qtz alt'n of metadiorite.

20. Ank-Qtz Limonite gouge of metadiorite.

21. Ank-Qtz Limonite gouge of metadiorite with qtz vein.

22. Carbonate-Qtz alt'n of ultramafic rock.

23. Carbonate-Qtz-Mar alt'n of ultramafic rock with Qtz vein.

24. Carbonate-Qtz-Mar alt'n of ultramafic rock.

35. Chlor-Graphite schist with up to 10% ank crystals. 1.3m chip sample.

36. Massive siliceous bed within schists, 5-10% ank crystals. 0.6m chip sample.

37. Chlor-Graph Schist, 5-10% ank. 0.8m chip.

38. Chlor-Graph Schist, up to 10% Ank. Highly fractured fault zone. 1.6m chip.

39. Chlor-Graph Schist in fault zone. Up to 10% Ank. 0.7m chip.

40. Massive siliceous bed within schist, 5% coarse ank,<1% fine py, many qtz veinlets. 1.6m chip.

41. Chlor-Graph Schist with 5-10% ank, few qtz stringers. 0.95m chip.

42. Qtz vein, 3-10cm, in chlor-graph schist. 0.10m.

43. Ser schist, 5-15% ank. 1.3m chip.

44. Chlor-Graph Schist, 5-10% ank, rusty weathering. 3.0m chip.

45. Chlor-Graph Schist, 5-10% ank, rusty weathering. 1.6m chip.

46. Ser-Chlor?-Ank-Qtz Schist, rusty weathering, trace of py. 2.0m chip.

47. Chlor-Graph Schist, 5% Ank including 30cm siliceous bed with qtz vein. 6.3m chip.

48. Qtz vein in chlor-graph schist, trace py. 1.0m chip.

49. Chlor-Graph Schist with qtz vein. 1.6m chip.

50. Chlor-Graph Schist with 5% ank. 4.0m chip.

51. Chlor-Graph Schist with 5% ank. 1.8m chip.

52. Chlor-Graph-Schist with trace ank. 4.4m chip.

53. Chlor-Graph Schist. 1.0m chip.

54. Chlor-Graph Schist. 6.2m chip.

55. Chlor-Graph Schist. 4.8m chip.

56. Chlor-Graph-Schist. 1.0m chip.

57. Chlor-Graph Schist. 0.8m chip.

58. Chlor-Graph Schist. 2.0m chip.

59. Calcareous bed within schist, with qtz veinlets. 0.2m chip.

60. Chlor-Graph Schist. 8.9m chip.

61. Chlor-Graph Schist, rusty weathering. 8.8m chip.

62. Chlor-Graph Schist, 2% coarse py cubes.

63. Chlor-Graph Schist.

159. Massive qtz-ank-mar-talc alt'n after ultramafic rock, 1-3% py.

160. Chlor-Ser-Graph Schist, 5% ank.

161. Ser-Ank-Qtz alt'n with 1-5% coarse py. 1.5m chip.

162 - 173 Chip samples from rusty, highly weathered, gossan zone.

162. Rusty gossan, altered gouge, 5-10% pyrite. 1.3m chip.

163. Rusty sericitic, pyritic gouge, 5-10% py. 1.3m chip.

164. Sericitic-siliceous rock with 5-15% py. 1.1m chip.

165. Sericitic-siliceous gouge, 5-10% py. 1.4m chip.

166. Sericitic-Siliceous gouge, 5-10% py. 1.3m chip.

167. Sericitic-Siliceous gouge, 10-15% py. 1.5m chip.

168. Sericitic-Siliceous rock, 10-20% py. 1.4m chip.

169. Sericitic-Siliceous gouge, 5-10% py. 2.0m chip.

170. Highly weathered, sericitic-siliceous gouge, 5-10% py. 1.1m chip.

171. Sericitic-Siliceous rock, 5-10% py. 1.4m chip.

172. Banded siliceous rock, sintery, 2-3% pyrite.

173. Massive silica, 2-5% py.

174. Ank-Qtz-Magnesite-Mar alt'n of ultramafic rock. 2-3% mar, 1% py, quartz veinlets.

175. Ank-Qtz-Magnesite-Mar alt'n of ultramafic rock. 2-3% mar, 2-3% coarse py.

176. Ank-Qtz-Magnesite-Mar alt'n of ultramafic rock. 2-3% py. 0.6m chip.

177. Coarse qtz-ank-talc-mar alt'n, 2-3% coarse py. 0.5m chip.

178. Siliceous banded rock, microcrystalline, 1-5% fine py. 0.6m chip.

179. Magnesite-Ank-Qtz alt'n of ultramafic rock. 3% coarse py.

180. Hard siliceous-ser-ank altered rock adjacent to graphitic gouge. 2-5% py, qtz veins. 1.0m chip.

181. Qtz vein and siliceous rock, up to 15% py, 2-3% galena. 1.0m chip.

182. Ser-Qtz altered rock, 1-3% py.

183. Sericitic-Siliceous rock, 2-5% py. 0.9m chip.

184. Qtz-Ankerite-Ser banded rock with 1-3% py.

185. Qtz-Ank-Talc altered ultramafic rock with 1% py, cut by 10cm qtz vein.

186. Qtz-Ser Schist, 1-3% py.

187. Ank-Qtz alt'n, 2-5% py. 1.0m chip.

188. Ank-Qtz-Ser alt'n, 2-5% py. 1.0m chip.

189. Ank-Qtz-Ser alt'n, 2-5% py. 1.0m chip.

209. Altered aplite? dyke. Qtz-feldspar-muscovite dyke. 1% py.

216. Qtz vein material with py.

217. Greenish siliceous sediment? with 5% fine disseminated pyrrhotite.

218. Qtz-Ser-Ank alt'n, <1% py, 10-30% ank.

219. Qtz-Ser-Muscovite schist, 1-3% py.

220. Silicified ultramafic rock with qtz vein. 2-3% py, minor mar.

221. Chalcedonic qtz veins in altered ultramafic rock, minor py.

229. Qtz float with tetrahedrite, azurite, chalcopyrite, mariposite.

246. Qtz-Ser-Ank alt'n with 2-3% py. Thin band within chloritic-graphitic schists.

247. Qtz vein with disseminated py, malachite staining. 1.0m chip.

248. Hard silicified, carbonated ultramafic rock with 30cm qtz vein, py. 1.0m chip.

249. Qtz-Carbonate-Talc rock, few qtz veins, py. 1.4m chip.

250. Siliceous banded rock - cherty. 2-5% py.

253. Qtz-Ser-Ank alt'n, 1-3% py.

258. Metadiorite.

APPENDIX 4

Soil Geochemistry : Analytical Results

LISTING OF HYENA SOIL SURVEY DATA

SAMPLE NUMBER	SITE LOCATION		Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	W ppm	Mo ppm	Ni ppm
S-1001	32S	9+40E	10.	0.4	17.	55.	6.	134.	1.	4.	41.
S-1002	32S	9+00E	10.	0.6	25.	41.	10.	169.	2.	8.	32.
S-1003	32S	8+50E	10.	0.7	17.	36.	5.	107.	1.	4.	28.
S-1004	32S	8+00E	<10.	0.5	27.	45.	8.	150.	1.	3.	45.
S-1005	32S	7+50E	<10.	0.5	16.	15.	10.	78.	1.	3.	17.
S-1006	32S	7+00E	20.	0.7	92.	66.	30.	220.	1.	12.	78.
S-1007	32S	6+50E	<10.	0.2	22.	60.	1.	97.	1.	2.	26.
S-1008	32S	6+00E	<10.	3.2	10.	39.	4.	135.	1.	2.	40.
S-1009	32S	5+50E	10.	0.7	43.	74.	7.	230.	1.	5.	93.
S-1010	32S	5+00E	<10.	0.6	110.	22.	67.	121.	1.	4.	104.
S-1011	32S	3+50E	<10.	0.3	17.	35.	1.	54.	1.	1.	57.
S-1012	32S	3+00E	<10.	0.5	575.	13.	3.	89.	1.	1.	225.
S-1013	32S	2+50E	<10.	0.2	16.	25.	2.	93.	1.	2.	24.
S-1014	32S	2+00E	10.	0.3	10.	19.	2.	76.	1.	2.	17.
S-1015	32S	1+50E	10.	0.2	5.	17.	1.	62.	1.	1.	17.
S-1016	32S	1+00E	10.	0.3	7.	21.	5.	88.	1.	2.	17.
S-1017	32S	0+50E	<10.	0.2	15.	45.	1.	79.	1.	1.	31.
S-1018	32S	0+00E	10.	0.2	15.	40.	1.	91.	1.	2.	24.
S-1021	24S	1+00E	10.	0.1	7.	52.	1.	34.	1.	1.	45.
S-1022	24S	1+50E	<10.	0.5	11.	37.	3.	113.	1.	2.	35.
S-1023	24S	2+00E	<10.	0.3	7.	42.	1.	72.	1.	1.	34.
S-1024	24S	2+50E	<10.	0.4	24.	50.	4.	130.	1.	3.	36.
S-1025	24S	3+00E	20.	0.2	9.	26.	2.	105.	1.	1.	20.
S-1026	24S	3+50E	<10.	0.1	14.	50.	2.	163.	1.	2.	46.
S-1027	24S	4+25E	20.	0.6	22.	52.	3.	107.	1.	3.	33.
S-1028	24S	4+50E	10.	0.1	22.	67.	5.	119.	1.	3.	43.
S-1029	24S	5+00E	<10.	0.1	19.	44.	3.	144.	1.	3.	27.
S-1030	24S	5+50E	10.	0.1	22.	57.	3.	114.	1.	5.	37.
S-1031	24S	6+00E	<10.	0.1	12.	25.	2.	85.	1.	5.	34.
S-1032	24S	6+50E	20.	0.1	10.	28.	3.	105.	1.	3.	28.
S-1033	24S	7+00E	10.	0.2	15.	40.	3.	121.	1.	3.	27.
S-1034	24S	7+50E	10.	0.7	10.	43.	2.	100.	1.	3.	29.
S-1035	24S	8+15E	<10.	0.3	9.	35.	2.	102.	1.	3.	32.
S-1036	24S	8+50E	<10.	0.1	16.	39.	2.	142.	1.	4.	37.
S-1037	24S	9+00E	<10.	0.1	15.	63.	3.	144.	1.	3.	38.
S-1038	24S	9+50E	10.	0.1	16.	58.	3.	139.	1.	3.	40.
S-1039	24S	14+50E	<10.	0.7	45.	36.	1.	85.	9.	5.	31.
S-1040	24S	15+00E	10.	1.0	33.	61.	14.	120.	7.	13.	58.
S-1041	24S	15+50E	10.	0.3	29.	61.	10.	210.	6.	10.	100.
S-1042	24S	16+00E	<10.	0.1	11.	14.	2.	55.	1.	2.	550.
S-1043	24S	16+50E	<10.	0.2	24.	39.	5.	124.	1.	4.	525.
S-1044	80S	15+00E	<10.	0.1	29.	30.	13.	149.	1.	3.	690.
S-1045	80S	14+50E	<10.	0.1	63.	47.	72.	210.	1.	5.	355.
S-1046	80S	14+00E	<10.	0.1	14.	45.	8.	108.	1.	2.	146.
S-1047	80S	13+50E	<10.	0.1	71.	33.	100.	260.	1.	5.	250.
S-1048	80S	13+00E	<10.	0.1	11.	42.	10.	134.	6.	4.	193.
S-1049	80S	12+50E	<10.	0.1	17.	32.	21.	161.	1.	5.	159.
S-1050	80S	12+00E	<10.	0.1	43.	63.	56.	166.	1.	6.	355.
S-1051	80S	11+20E	860.	0.1	51.	150.	107.	259.	7.	16.	220.
S-1052	80S	10+50E	<10.	0.1	12.	14.	16.	96.	1.	4.	69.
S-1053	80S	10+00E	<10.	0.5	63.	43.	120.	205.	1.	7.	255.
S-1054	80S	9+50E	<10.	1.6	125.	43.	840.	179.	1.	7.	265.

SAMPLE NUMBER	SITE LOCATION		Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	W ppm	Mo ppm	Ni ppm
S-1055	80S	9+00E	<10.	0.5	94.	54.	108.	560.	10.	13.	151.
S-1056	80S	8+50E	<10.	0.2	6.	27.	52.	92.	9.	8.	34.
S-1057	80S	8+00E	10.	2.1	99.	47.	213.	157.	5.	3.	144.
S-1058	80S	7+50E	10.	0.2	23.	27.	17.	152.	1.	6.	87.
S-1059	80S	7+00E	<10.	0.5	20.	61.	20.	126.	3.	5.	82.
S-1060	80S	6+50E	<10.	0.3	22.	42.	24.	121.	2.	4.	81.
S-1061	80S	6+00E	<10.	0.1	50.	49.	92.	174.	2.	7.	425.
S-1062	80S	5+50E	40.	0.1	12.	36.	28.	106.	2.	3.	66.
S-1063	80S	5+00E	10.	0.1	9.	32.	11.	104.	9.	3.	45.
S-1064	80S	4+50E	<10.	0.6	16.	43.	12.	120.	1.	3.	131.
S-1065	80S	4+00E	20.	0.2	41.	51.	16.	120.	1.	3.	82.
S-1066	80S	3+50E	<10.	0.8	22.	59.	20.	121.	1.	4.	60.
S-1067	80S	3+00E	10.	0.2	14.	81.	6.	140.	1.	4.	46.
S-1068	80S	2+50E	10.	0.5	22.	40.	19.	126.	1.	3.	70.
S-1069	80S	2+00E	<10.	0.1	12.	57.	12.	130.	3.	4.	161.
S-1070	80S	1+50E	40.	0.9	41.	26.	24.	106.	38.	4.	54.
S-1071	80S	1+00E	<10.	0.1	57.	25.	12.	89.	27.	2.	34.
S-1072	80S	1+50E	<10.	0.4	51.	42.	20.	103.	10.	2.	62.
S-1073	80S	0+00E	<10.	0.2	46.	27.	14.	101.	22.	2.	52.
S-1074	76S	0+50E	10.	0.3	15.	17.	20.	56.	1.	1.	29.
S-1075	76S	1+00E	<10.	0.4	16.	18.	25.	79.	1.	1.	27.
S-1076	76S	1+50E	<10.	0 2	15.	20.	12.	71.	1.	1.	23.
S-1077	76S	2+00E	10.	1.7	29.	23.	13.	68.	1.	2.	21.
S-1078	76S	2+50E	<10.	0.6	43.	50.	16.	116.	1.	4.	59.
S-1079	76S	3+00E	<10.	0.2	19.	58.	22.	164.	1.	3.	99.
S-1080	76S	3+50E	<10.	2.3	17.	97.	24.	215.	1.	5.	164.
S-1081	76S	4+00E	<10.	0.6	23.	25.	18.	126.	2.	3.	81.
S-1082	76S	4+50E	<10.	1.1	35.	34.	22.	140.	3.	4.	67.
S-1083	76S	5+00E	10.	0.6	23.	35.	16.	135.	1.	2.	131.
S-1084	76S	5+50E	<10.	0.9	55.	47.	18.	128.	1.	2.	102.
S-1085	76S	6+00E	<10.	0.3	29.	41.	17.	139.	1.	3.	90.
S-1086	76S	6+50E	<10.	1.5	35.	53.	18.	142.	1.	4.	133.
S-1087	76S	7+00E	10.	0.2	22.	63.	40.	180.	1.	2.	215.
S-1088	76S	7+50E	<10.	0.1	46.	27.	25.	158.	1.	4.	190.
S-1089	76S	8+50E	10.	0.5	25.	20.	13.	135.	1.	5.	103.
S-1090	76S	9+00E	<10.	2.3	110.	27.	35.	154.	1.	3.	360.
S-1091	76S	9+50E	20.	0.1	101.	25.	16.	141.	1.	3.	275.
S-1092	76S	10+00E	10.	0.1	11.	23.	9.	113.	1.	3.	81.
S-1093	76S	10+50E	<10.	0.1	7.	10.	12.	148.	1.	2.	109.
S-1094	76S	11+00E	10.	0.1	10.	16.	17.	117.	1.	2.	215.
S-1095	76S	11+50E	<10.	0.1	10.	11.	17.	76.	1.	3.	136.
S-1096	76S	12+00E	<10.	0.2	11.	8.	5.	61.	1.	2.	91.
S-1097	76S	12+50E	<10.	0.3	25.	28.	50.	161.	1.	3.	225.
S-1098	76S	13+00E	10.	0.2	10.	15.	12.	89.	1.	4.	130.
S-1099	64S	14+00W	20.	0.7	4.	18.	8.	71.	1.	3.	48.
S-1100	64S	13+50W	10.	0.3	7.	22.	12.	100.	6.	4.	42.
S-1101	64S	13+00W	<10.	0.5	7.	26.	20.	118.	7.	3.	72.
S-1102	64S	12+50W	<10.	0.2	7.	50.	16.	129.	15.	4.	92.
S-1103	64S	12+00W	<10.	0.1	7.	47.	17.	113.	8.	4.	97.
S-1104	64S	11+50W	<10.	1.0	9.	30.	18.	107.	1.	3.	177.
S-1105	64S	11+00W	<10.	1.7	12.	36.	26.	136.	32.	1.	150.
S-1106	64S	10+50W	10.	1.5	11.	55.	32.	195.	8.	6.	97.

SAMPLE NUMBER	SITE LOCATION		Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	W ppm	Mo ppm	Ni ppm
S-1107	64S	10+00W	<10.	0.7	10.	42.	18.	191.	5.	4.	91.
S-1108	64S	9+50W	<10.	1.8	9.	50.	17.	180.	1.	5.	71.
S-1109	64S	9+00W	<10.	0.2	15.	50.	23.	178.	8.	6.	111.
S-1110	64S	8+50W	<10.	1.5	7.	29.	15.	131.	1.	7.	87.
S-1111	64S	8+00W	<10.	0.5	7.	40.	10.	117.	1.	3.	66.
S-1112	64S	7+50W	<10.	1.3	6.	33.	7.	106.	1.	4.	42.
S-1113	64S	7+00W	<10.	0.7	6.	36.	9.	124.	1.	4.	47.
S-1114	64S	6+50W	<10.	1.1	5.	34.	7.	133.	1.	5.	38.
S-1115	64S	6+00W	<10.	0.1	6.	29.	6.	126.	6.	4.	36.
S-1116	64S	5+50W	<10.	0.4	9.	33.	8.	113.	1.	4.	38.
S-1117	64S	5+00W	<10.	0.3	6.	24.	9.	99.	1.	4.	61.
S-1118	64S	4+50W	<10.	1.6	11.	37.	4.	128.	1.	4.	205.
S-1119	64S	4+00W	<10.	0.6	15.	33.	5.	119.	1.	4.	142.
S-1120	64S	3+50W	<10.	1.0	6.	23.	6.	119.	1.	3.	41.
S-1121	64S	3+00W	<10.	2.4	6.	19.	7.	197.	1.	2.	37.
S-1122	64S	2+50W	<10.	0.9	4.	31.	6.	118.	1.	2.	34.
S-1123	64S	2+00W	<10.	0.6	6.	26.	8.	120.	1.	1.	69.
S-1124	64S	1+50W	<10.	0.6	11.	34.	6.	127.	1.	3.	135.
S-1125	64S	1+00W	<10.	0.3	6.	30.	5.	110.	1.	2.	123.
S-1126	64S	0+50W	<10.	1.3	6.	37.	9.	325.	1.	3.	181.
S-1127	64S	0+00W	<10.	0.2	6.	62.	6.	188.	1.	3.	65.
S-1128	64S	0+50E	<10.	0.1	2.	32.	4.	97.	1.	1.	21.
S-1129	64S	1+00E	<10.	0.1	5.	11.	6.	68.	1.	1.	25.
S-1130	64S	1+50E	<10.	0.1	2.	11.	4.	59.	1.	1.	12.
S-1131	64S	2+00E	<10.	1.4	4.	26.	10.	165.	1.	3.	48.
S-1132	64S	2+50E	<10.	0.4	30.	13.	10.	98.	1.	3.	251.
S-1133	64S	3+00E	<10.	0.1	9.	14.	6.	126.	1.	2.	83.
S-1134	64S	3+50E	<10.	0.4	16.	16.	9.	122.	1.	2.	116.
S-1135	64S	4+00E	<10.	0.5	16.	25.	10.	139.	1.	6.	99.
S-1136	64S	4+50E	<10.	0.1	41.	24.	14.	184.	1.	6.	265.
S-1137	64S	5+00E	<10.	1.0	22.	36.	9.	118.	1.	2.	700.
S-1138	64S	5+50E	<10.	0.1	46.	15.	8.	104.	1.	2.	245.
S-1139	64S	6+00E	<10.	0.3	17.	15.	10.	121.	1.	4.	94.
S-1140	64S	6+50E	<10.	0.2	73.	31.	17.	161.	1.	4.	164.
S-1141	64S	7+00E	<10.	0.1	30.	31.	21.	163.	4.	3.	183.
S-1142	64S	7+50E	<10.	1.1	20.	37.	20.	290.	3.	8.	133.
S-1143	64S	8+00E	<10.	0.9	9.	27.	25.	122.	1.	3.	61.
S-1144	64S	8+50E	<10.	0.3	4.	43.	3.	210.	1.	2.	74.
S-1145	64S	9+00E	<10.	0.2	20.	48.	18.	169.	4.	4.	62.
S-1146	64S	9+50E	<10.	0.3	6.	17.	8.	92.	1.	3.	25.
S-1147	64S	10+00E	<10.	0.1	10.	24.	10.	148.	1.	5.	47.
S-1148	64S	10+50E	<10.	0.3	6.	17.	16.	199.	1.	6.	39.
S-1149	64S	11+00E	<10.	0.1	7.	18.	10.	115.	1.	6.	22.
S-1150	64S	11+50E	<10.	1.1	11.	46.	14.	171.	1.	6.	94.
S-1151	64S	12+00E	<10.	0.5	7.	30.	12.	112.	1.	6.	41.
S-1152	64S	12+50E	<10.	1.1	7.	49.	15.	205.	1.	5.	56.
S-1153	64S	13+00E	<10.	1.5	15.	111.	26.	240.	1.	10.	43.
S-1154	64S	13+50E	<10.	0.8	15.	49.	20.	188.	1.	7.	90.
S-1155	64S	14+00E	<10.	1.4	16.	70.	16.	163.	1.	8.	97.
S-1156	64S	14+50E	<10.	0.9	29.	51.	20.	169.	1.	8.	59.
S-1157	64S	15+00E	<10.	2.4	15.	139.	21.	210.	1.	9.	120.
S-1165	56S	0+50W	30.	0.1	6.	50.	13.	90.	1.	5.	33.

SAMPLE NUMBER	SITE LOCATION'		Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	W ppm	Mo ppm	Ni ppm
S-1166	56S	1+00W	<10.	1.2	9.	74.	21.	195.	5.	10.	67.
S-1167	56S	2+00W	20.	0.4	10.	24.	16.	110.	1.	4.	30.
S-1168	56S	2+50W	100.	0.7	10.	78.	18.	210.	1.	10.	68.
S-1169	56S	3+00W	10.	0.9	7.	44.	18.	175.	1.	9.	37.
S-1170	56S	3+50W	20.	0.9	7.	62.	15.	205.	30.	9.	53.
S-1171	56S	4+00W	20.	1.0	9.	40.	13.	180.	1.	8.	39.
S-1172	56S	4+50W	<10.	4.0	6.	83.	17.	265.	1.	10.	76.
S-1173	56S	5+00W	10.	0.8	6.	26.	12.	115.	1.	6.	27.
S-1174	56S	5+50W	10.	0.5	11.	28.	9.	125.	1.	6.	32.
S-1175	56S	6+00W	<10.	0.7	5.	14.	10.	63.	2.	4.	11.
S-1176	56S	6+50W	10.	1.1	9.	30.	12.	160.	1.	9.	37.
S-1177	56S	7+00W	<10.	0.5	9.	24.	13.	125.	1.	8.	25.
S-1178	56S	7+60W	20.	1.1	7.	13.	10.	57.	1.	7.	23.
S-1179	56S	8+00W	<10.	0.4	10.	23.	14.	110.	4.	4.	10.
S-1180	56S	8+50W	10.	1.1	7.	13.	8.	70.	1.	3.	15.
S-1181	56S	9+00W	20.	0.4	7.	12.	8.	57	1.	5.	15.
S-1182	56S	9+50W	<10.	0.6	6.	53.	24.	315.	3.	14.	67.
S-1183	56S	10+00W	20.	0.8	14.	16.	11.	82.	5.	4.	18.
S-1184	56S	10+50W	<10.	1.0	11.	27.	8.	105.	2.	6.	31.
S-1185	56S	11+00W	<10.	0.4	10.	7.	7.	35.	3.	2.	10.
S-1186	56S	11+50W	<10.	1.8	6.	25.	8.	220.	5.	2.	35.
S-1187	56S	12+00W	<10.	1.2	7.	14.	10.	60.	4.	4.	17.
S-1188	56S	12+50W	20.	1.3	6.	13.	10.	75.	5.	5.	17.
S-1189	56S	13+00W	<10.	0.7	11.	15.	8.	120.	5.	5.	26.
S-1190	56S	13+50W	<10.	0.6	5.	12.	8.	85.	4.	5.	18.
S-1191	56S	14+00W	<10.	0.7	5.	13.	5.	77.	6.	2.	18.
S-1192	56S	14+50W	<10.	4.0	6.	53.	10.	190.	2.	4.	56.
S-1193	56S	15+00W	<10.	0.9	7.	23.	12.	110.	2.	2.	35.
S-1194	56S	15+60W	<10.	1.1	6.	18.	8.	175.	3.	2.	38.
S-1195	56S	16+00W	20.	0.3	6.	16.	7.	115.	1.	4.	17.
S-1196	56S	16+50W	<10.	2.0	5.	18.	6.	215.	1.	7.	35.
S-1197	56S	17+00W	<10.	0.9	10.	48.	16.	185.	1.	7.	55.
S-1198	56S	17+50W	<10.	1.4	7.	35.	11.	120.	1.	2.	46.
S-1199	56S	18+00W	<10.	0.2	11.	33.	9.	110.	2.	4.	58.
S-1200	56S	18+50W	10.	0.5	6.	25.	8.	95.	6.	5.	51.
S-1201	56S	19+00W	<10.	0.3	7.	18.	12.	86.	5.	2.	77.
S-1202	56S	19+50W	<10.	0.3	10.	39.	16.	105.	3.	1.	83.
S-1203	56S	20+00W	10.	0.2	11.	24.	22.	90.	18.	1.	169.
S-1204	56S	20+50W	<10.	0.5	16.	27.	25.	95.	15.	1.	176.
S-1205	56S	21+00W	<10.	0.2	12.	18.	25.	105.	27.	2.	160.
S-1206	56S	0+00E	10.	0.4	10.	32.	10.	140.	1.	4.	53.
S-1207	56S	0+50E	<10.	0.5	11.	19.	9.	110.	1.	4.	36.
S-1208	56S	1+00E	<10.	0.3	9.	27.	11.	135.	1.	4.	58.
S-1209	56S	1+50E	<10.	0.2	11.	21.	9.	140.	1.	3.	74.
S-1210	56S	2+00E	<10.	0.5	22.	15.	8.	145.	1.	4.	113.
S-1211	56S	2+50E	<10.	0.7	90.	34.	13.	295.	1.	6.	1000.
S-1212	56S	3+00E	10.	0.4	25.	18.	12.	145.	1.	4.	230.
S-1213	56S	3+50E	<10.	0.1	20.	20.	18.	110.	1.	6.	106.
S-1214	56S	4+00E	<10.	0.1	10.	14.	12.	88.	1.	5.	41.
S-1215	56S	4+50E	<10.	0.1	10.	6.	4.	47.	1.	2.	30.
S-1216	56S	5+00E	<10.	0.1	32.	35.	24.	240.	1.	9.	185.
S-1217	56S	5+50E	<10.	0.1	6.	22.	10.	165.	1.	5.	67.

SAMPLE NUMBER	SITE LOCATION		Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	W ppm	Mo ppm	Ni ppm
S-1218	56S	6+00E	<10.	0.2	11.	14.	6.	87.	1.	3.	33.
S-1219	56S	6+50E	10.	0.3	15.	31.	13.	84.	2.	6.	33.
S-1220	56S	7+00E	<10.	0.2	7.	13.	8.	65.	1.	1.	28.
S-1221	56S	7+50E	<10.	0.2	6.	9.	7.	47.	3.	1.	17.
S-1222	56S	8+00E	20.	0.1	27.	33.	5.	115.	2.	3.	43.
S-1223	56S	8+50E	<10.	0.9	15.	27.	14.	94.	2.	4.	38.
S-1224	56S	9+00E	200.	0.8	43.	89.	25.	235.	6.	19.	53.
S-1231	52S	0+00W	<10.	0.2	10.	18.	9.	120.	1.	4.	39.
S-1232	52S	0+50W	<10.	0.2	10.	25.	11.	130.	1.	8.	36.
S-1233	52S	1+00W	100.	0.3	9.	32.	19.	200.	1.	16.	59.
S-1234	52S	1+50W	<10.	2.0	5.	15.	11.	75.	1.	2.	17.
S-1235	52S	2+00W	40.	1.0	7.	35.	12.	125.	1.	5.	33.
S-1236	52S	2+50W	<10.	0.6	7.	23.	11.	92.	3.	3.	21.
S-1237	52S	3+00W	<10.	0.2	4.	19.	22.	110.	2.	14.	19.
S-1238	52S	3+50W	<10.	2.2	14.	42.	17.	190.	2.	7.	41.
S-1239	52S	4+00W	<10.	0.5	5.	22.	28.	110.	1.	5.	26.
S-1240	52S	4+50W	<10.	0.5	6.	11.	8.	70.	2.	3.	13.
S-1241	52S	5+00W	20.	2.2	6.	25.	8.	100.	1.	4.	23.
S-1242	52S	5+50W	<10.	0.4	5.	20.	6.	90.	1.	4.	20.
S-1243	52S	6+00W	20.	0.6	6.	15.	5.	80.	1.	1.	20.
S-1244	52S	6+50W	<10.	3.4	9.	65.	18.	245.	1.	4.	51.
S-1245	52S	7+00W	10.	0.6	6.	19.	9.	85.	3.	3.	17.
S-1246	52S	7+50W	<10.	1.2	6.	31.	11.	135.	2.	3.	30.
S-1247	52S	8+00W	<10.	3.4	12.	170.	24.	240.	1.	12.	84.
S-1248	52S	8+50W	20.	0.9	5.	22.	10.	150.	3.	6.	28.
S-1249	52S	9+00W	20.	2.4	5.	71.	16.	130.	1.	8.	46.
S-1250	52S	10+00W	<10.	2.4	5.	31.	9.	115.	2.	5.	27.
S-1251	52S	11+00W	<10.	4.2	4.	29.	9.	90.	4.	4.	22.
S-1252	52S	11+50W	10.	1.5	4.	15.	12.	110.	5.	1.	20.
S-1253	52S	12+00W	<10.	1.6	4.	23.	9.	108.	5.	3.	21.
S-1254	52S	12+50W	<10.	1.8	11.	53.	16.	285.	6.	12.	58.
S-1255	52S	13+00W	<10.	1.0	6.	25.	11.	125.	4.	5.	22.
S-1256	52S	13+50W	<10.	2.4	7.	27.	10.	175.	2.	2.	41.
S-1257	52S	14+00W	<10.	1.6	5.	14.	7.	120.	2.	2.	21.
S-1258	52S	14+50W	10.	0.5	7.	24.	11.	95.	4.	3.	25.
S-1259	52S	15+00W	10.	0.8	9.	19.	8.	96.	3.	3.	25.
S-1260	52S	15+40W	10.	2.2	12.	27.	12.	140.	5.	5.	32.
S-1261	52S	16+00W	<10.	6.7	7.	114.	10.	150.	1.	6.	78.
S-1262	52S	16+50W	<10.	3.5	7.	62.	10.	75.	1.	1.	41.
S-1263	52S	17+00W	<10.	1.0	6.	15.	8.	77.	5.	2.	26.
S-1264	52S	17+50W	<10.	0.7	10.	34.	11.	99.	3.	3.	35.
S-1265	52S	18+00W	20.	0.3	9.	28.	7.	107.	4.	1.	42.
S-1266	52S	18+50W	<10.	0.6	6.	35.	11.	75.	5.	1.	72.
S-1267	52S	19+50W	10.	1.2	7.	54.	11.	99.	5.	3.	87.
S-1268	52S	20+50W	<10.	1.4	7.	60.	16.	75.	1.	1.	200.
S-1269	52S	21+50W	<10.	1.1	9.	61.	14.	88.	2.	4.	122.
S-1270	52S	22+00W	<10.	0.9	7.	30.	15.	97.	4.	2.	83.
S-1271	52S	22+50W	<10.	1.1	6.	38.	11.	116.	1.	3.	68.
S-1272	52S	23+00W	10.	0.5	10.	69.	20.	118.	7.	1.	275.
S-1273	52S	23+50W	<10.	1.5	6.	25.	13.	140.	5.	3.	74.
S-1274	52S	24+00W	10.	0.6	7.	27.	21.	175.	3.	2.	68.
S-1275	52S	24+50W	<10.	1.0	9.	53.	32.	192.	6.	2.	181.

SAMPLE NUMBER	SITE LOCATION	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	W ppm	Mo ppm	Ni ppm
S-1278	48S 27+50W	<10.	0.1	5.	27.	7.	65.	1.	2.	42.
S-1279	48S 27+00W	<10.	1.3	4.	32.	17.	83.	3.	2.	565.
S-1280	48S 26+50W	10.	0.5	7.	29.	3.	105.	1.	3.	29.
S-1281	48S 26+00W	<10.	1.4	7.	67.	33.	95.	2.	2.	390.
S-1282	48S 25+50W	<10.	0.5	6.	34.	9.	94.	2.	1.	141.
S-1283	48S 24+00W	<10.	0.8	7.	40.	1.	112.	4.	2.	50.
S-1284	48S 23+50W	<10.	0.8	4.	50.	1.	43.	1.	2.	33.
S-1285	48S 23+00W	<10.	0.8	9.	37.	5.	95.	2.	5.	34.
S-1286	48S 22+50W	<10.	1.8	6.	56.	9.	113.	2.	5.	32.
S-1287	48S 22+00W	<10.	1.0	14.	34.	9.	125.	3.	6.	36.
S-1288	48S 21+50W	<10.	0.2	11.	26.	11.	97.	7.	5.	53.
S-1289	48S 21+00W	20.	0.2	9.	25.	13.	96.	8.	3.	73.
S-1290	48S 20+50W	10.	0.3	7.	18.	9.	84.	9.	3.	34.
S-1291	48S 20+00W	<10.	0.4	7.	39.	8.	116.	2.	3.	45.
S-1292	48S 19+50W	<10.	0.5	6.	33.	7.	100.	3.	4.	37.
S-1293	48S 19+00W	<10.	0.1	10.	42.	7.	87.	2.	4.	41.
S-1294	48S 18+00W	<10.	1.8	5.	24.	8.	98.	2.	4.	32.
S-1295	48S 17+50W	<10.	1.2	7.	33.	12.	140.	1.	6.	48.
S-1296	48S 17+00W	20.	1.3	10.	36.	11.	98.	4.	7.	46.
S-1297	48S 16+50W	<10.	0.5	6.	23.	10.	115.	3.	7.	28.
S-1298	48S 16+00W	<10.	1.1	9.	40.	12.	240.	3.	6.	50.
S-1299	48S 15+50W	<10.	1.3	10.	21.	13.	105.	7.	9.	27.
S-1300	48S 15+00W	<10.	2.0	9.	38.	11.	295.	3.	7.	50.
S-1301	48S 14+50W	<10.	10.0	11.	102.	12.	108.	2.	9.	159.
S-1302	48S 14+00W	<10.	0.4	4.	25.	6.	157.	2.	4.	35.
S-1303	48S 13+50W	40.	0.6	7.	19.	7.	107.	5.	5.	21.
S-1304	48S 13+00W	20.	0.5	4.	18.	7.	80.	4.	4.	22.
S-1305	48S 12+50W	<10.	0.5	9.	40.	9.	175.	4.	7.	35.
S-1306	48S 12+00W	10.	0.7	5.	22.	6.	86.	7.	6.	18.
S-1307	48S 11+50W	<10.	0.2	6.	33.	8.	160.	5.	7.	31.
S-1308	48S 11+00W	<10.	0.8	3.	14.	9.	67.	6.	1.	13.
S-1309	48S 10+50W	<10.	0.1	4.	23.	7.	88.	6.	4.	24.
S-1310	48S 10+00W	<10.	0.1	7.	32.	7.	118.	5.	8.	27.
S-1311	48S 9+50W	<10.	1.0	5.	27.	13.	290.	3.	6.	35.
S-1312	48S 9+00W	<10.	0.6	3.	11.	9.	100.	5.	4.	18.
S-1313	48S 8+50W	<10.	1.0	4.	14.	7.	132.	5.	5.	23.
S-1314	48S 8+00W	<10.	1.0	5.	15.	9.	90.	6.	4.	19.
S-1315	48S 7+50W	<10.	0.8	10.	25.	13.	113.	4.	6.	17.
S-1316	48S 7+00W	<10.	0.2	5.	17.	10.	128.	5.	5.	17.
S-1317	48S 6+50W	10.	0.8	5.	37.	7.	152.	3.	3.	36.
S-1318	48S 6+00W	<10.	1.0	9.	56.	11.	126.	2.	4.	42.
S-1319	48S 5+50W	<10.	2.2	7.	61.	12.	155.	2.	8.	46.
S-1320	48S 5+00W	<10.	2.7	11.	106.	15.	160.	4.	9.	41.
S-1321	48S 4+50W	<10.	0.8	7.	45.	9.	110.	2.	6.	40.
S-1322	48S 4+00W	<10.	0.7	6.	20.	8.	83.	3.	4.	18.
S-1323	48S 3+50W	10.	0.2	6.	20.	9.	96.	4.	6.	19.
S-1324	48S 3+00W	10.	7.5	10.	300.	20.	310.	1.	9.	152.
S-1325	48S 2+50W	20.	2.0	9.	86.	18.	260.	1.	6.	53.
S-1326	48S 2+00W	20.	0.8	5.	113.	23.	370.	1.	8.	84.
S-1327	48S 1+50W	40.	1.5	7.	41.	9.	170.	1.	5.	40.
S-1328	48S 1+00W	<10.	3.8	9.	93.	16.	280.	1.	6.	67.
S-1329	48S 0+50W	10.	2.0	10.	51.	10.	120.	1.	4.	35.

SAMPLE NUMBER	SITE LOCATION	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	W ppm	Mo ppm	Ni ppm
S-1330	48S 0+00W	<10.	0.6	11.	48.	9.	120.	1.	5.	39.
S-1333	24S 5+50W	20.	0.9	14.	28.	11.	105.	1.	4.	34.
S-1334	24S 6+00W	20.	0.4	7.	38.	9.	95.	1.	4.	42.
S-1335	24S 6+50W	10.	0.5	9.	22.	4.	86.	1.	1.	25.
S-1336	24S 7+50W	<10.	0.2	10.	25.	4.	110.	1.	3.	32.
S-1337	24S 8+00W	<10.	0.1	15.	24.	5.	110.	1.	3.	27.
S-1338	24S 16+50W	<10.	3.7	7.	210.	12.	160.	1.	15.	78.
S-1339	24S 18+50W	<10.	0.8	10.	78.	8.	115.	1.	5.	65.
S-1340	24S 19+00W	<10.	1.1	7.	72.	10.	105.	1.	5.	51.
S-1341	24S 19+50W	<10.	0.5	7.	60.	11.	115.	1.	5.	73.
S-1342	24S 20+00W	<10.	0.3	19.	47.	28.	160.	6.	6.	72.
S-1343	24S 20+50W	<10.	0.9	7.	30.	16.	120.	3.	5.	43.
S-1344	24S 21+00W	20.	1.5	11.	48.	31.	170.	1.	3.	65.
S-1345	24S 21+50W	<10.	0.7	15.	56.	33.	170.	1.	7.	96.
S-1346	24S 22+00W	<10.	0.7	9.	36.	12.	130.	1.	4.	63.
S-1347	24S 22+50W	<10.	0.5	10.	42.	14.	170.	1.	4.	69.
S-1348	24S 23+00W	<10.	0.9	7.	15.	9.	64.	1.	3.	25.
S-1349	24S 23+50W	10.	0.8	10.	24.	12.	115.	1.	2.	43.
S-1350	24S 24+00W	<10.	0.8	6.	86.	19.	90.	1.	4.	124.
S-1351	24S 24+50W	<10.	0.7	9.	35.	16.	90.	1.	4.	92.
S-1352	24S 25+00W	<10.	0.1	9.	38.	7.	150.	1.	3.	98.
S-1353	24S 25+50W	<10.	0.2	7.	65.	10.	105.	1.	3.	148.
S-1354	24S 26+00W	<10.	0.8	6.	36.	9.	105.	1.	3.	77.
S-1355	24S 26+50W	<10.	0.5	5.	28.	7.	92.	1.	1.	44.
S-1356	24S 27+50W	<10.	0.5	6.	32.	6.	86.	43.	2.	57.
S-1357	24S 28+00W	<10.	0.4	5	15.	8.	98.	1.	2.	43.
S-1358	24S 28+50W	<10.	0.1	7.	25.	8.	87.	1.	2.	53.
S-1359	24S 29+00W	<10.	0.1	5.	20.	8.	85.	1.	2.	47.
S-1360	24S 29+50W	<10.	0.1	24.	64.	13.	100.	1.	7.	69.
S-1361	24S 30+00W	20.	0.1	23.	72.	4.	100.	1.	1.	105.
S-1362	24S 30+50W	10.	0.1	7.	49.	5.	110.	1.	2.	80.
S-1363	24S 31+00W	<10.	0.1	13.	44.	3.	60.	1.	3.	64.
S-1364	24S 31+50W	<10.	0.1	6.	26.	5.	66.	1.	3.	53.
S-1365	24S 32+50W	<10.	0.1	7.	62.	9.	95.	5.	3.	74.
S-1366	24S 33+00W	<10.	0.1	7.	36.	6.	76.	2.	2.	74.
S-1367	24S 33+50W	10.	0.1	5.	13.	6.	46.	1.	2.	33.
S-2000	8S 0+00E	<10.	1.5	32.	75.	12.	194.	1.	3.	32.
S-2001	8S 0+50E	<10.	0.8	27.	66.	8.	191.	1.	3.	35.
S-2031	8S 15+50E	<10.	0.4	11.	30.	10.	187.	1.	3.	26.
S-2032	8S 16+00E	<10.	0.1	14.	78.	2.	103.	1.	1.	33.
S-2033	8S 16+50E	<10.	0.4	6.	13.	4.	126.	1.	1.	15.
S-2034	8S 17+00E	<10.	1.4	9.	23.	3.	144.	1.	1.	18.
S-2035	8S 17+50E	<10.	0.3	10.	20.	4.	163.	1.	1.	16.
S-2036	8S 18+00E	<10.	0.2	11.	16.	3.	98.	1.	1.	14.
S-2037	8S 18+50E	<10.	0.2	15.	31.	3.	119.	1.	3.	22.
S-2038	8S 19+00E	<10.	0.4	9.	38.	3.	111.	1.	1.	23.
S-2039	8S 19+50E	<10.	0.1	4.	13.	2.	92.	1.	1.	9.
S-2040	8S 20+00E	<10.	0.3	7.	19.	3.	76.	1.	1.	13.
S-2041	8S 20+50E	<10.	0.1	9.	34.	3.	145.	1.	1.	17.
S-2042	8S 21+00E	<10.	0.1	7.	23.	3.	108.	1.	1.	15.
S-2043	8S 21+50E	<10.	0.1	6.	17.	4.	135.	1.	1.	13.
S-2044	8S 22+00E	<10.	0.1	4.	8.	4.	73.	1.	1.	11.

SAMPLE NUMBER	SITE LOCATION	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	W ppm	Mo ppm	Ni ppm
S-2045	8S 22+50E	<10.	0.1	5.	13.	5.	116.	1.	1.	13.
S-2046	8S 23+00E	<10.	0.1	7.	37.	1.	83.	1.	1.	20.
S-2047	8S 23+50E	<10.	0.2	7.	19.	3.	85.	1.	1.	16.
S-2048	8S 24+00E	<10.	0.1	4.	11.	5.	71.	1.	1.	8.
S-2049	8S 24+50W	<10.	0.1	5.	32.	2.	91.	1.	1.	18.
S-2050	8S 25+00W	<10.	0.1	6.	20.	3.	116.	1.	1.	18.
S-2051	8S 25+50W	<10.	0.1	6.	20.	3.	124.	1.	1.	18.
S-2052	8S 26+00W	<10.	0.1	7.	31.	4.	68.	1.	1.	26.
S-2053	8S 26+50W	<10.	0.1	6.	28.	2.	120.	1.	2.	21.
S-2055	28S 0+00E	10.	0.9	24.	50.	4.	93.	1.	1.	31.
S-2056	28S 0+50E	<10.	0.9	12.	48.	6.	160.	1.	1.	42.
S-2057	28S 1+00E	<10.	0.7	10.	29.	6.	106.	2.	2.	33.
S-2058	28S 1+50E	<10.	0.7	7.	30.	6.	62.	1.	1.	21.
S-2059	28S 2+00E	<10.	0.1	12.	41.	2.	79.	1.	1.	26.
S-2060	28S 2+50E	<10.	0.1	15.	50.	3.	67.	1.	3.	31.
S-2061	28S 3+00E	10.	0.2	9.	14.	3.	58.	1.	2.	17.
S-2062	28S 3+50E	<10.	0.2	17.	35.	2.	87.	1.	1.	27.
S-2063	28S 4+00E	<10.	0.2	23.	46.	2.	87.	1.	3.	30.
S-2064	28S 4+50E	<10.	1.2	15.	54.	8.	126.	1.	4.	42.
S-2065	28S 5+00E	<10.	0.2	11.	37.	6.	85.	1.	2.	27.
S-2066	28S 5+50E	<10.	0.1	11.	29.	3.	96.	1.	2.	26.
S-2067	28S 6+00E	<10.	0.1	23.	39.	2.	92.	1.	2.	24.
S-2068	28S 6+50E	<10.	0.2	22.	56.	3.	107.	1.	1.	34.
S-2069	28S 7+00E	<10.	0.2	20.	58.	17.	104.	1.	2.	35.
S-2070	28S 7+50E	20.	0.1	24.	10.	8.	81.	4.	15.	15.
S-2071	28S 8+00E	10.	1.4	59.	95.	63.	198.	4.	46.	31.
S-2072	28S 8+50E	<10.	0.2	9.	22.	7.	184.	1.	3.	30.
S-2073	28S 9+50E	10.	0.2	24.	66.	3.	89.	1.	2.	39.
S-2074	28S 10+00E	<10.	0.1	11.	31.	4.	131.	1.	1.	36.
S-2075	28S 10+50E	<10.	0.1	10.	29.	4.	153.	1.	1.	24.
S-2076	28S 11+00E	<10.	0.2	14.	34.	4.	107.	1.	2.	25.
S-2077	28S 11+50E	10.	0.2	6.	31.	2.	75.	1.	1.	26.
S-2078	28S 12+00E	10.	0.1	14.	30.	2.	87.	1.	2.	29.
S-2079	28S 12+50E	30.	0.1	15.	44.	2.	76.	1.	1.	38.
S-2080	28S 13+50E	<10.	0.2	14.	18.	4.	92.	1.	1.	25.
S-2081	28S 14+00E	<10.	0.2	20.	37.	2.	91.	1.	1.	172.
S-2082	28S 14+50E	<10.	0.1	10.	18.	2.	61.	1.	2.	49.
S-2083	28S 15+00E	<10.	0.1	17.	16.	3.	105.	1.	1.	380.
S-2084	28S 15+50E	30.	0.1	23.	28.	3.	86.	1.	2.	155.
S-2085	28S 16+00E	<10.	0.1	22.	20.	5.	75.	1.	1.	188.
S-2086	28S 16+50E	<10.	0.4	12.	12.	1.	66.	1.	1.	24.
S-2087	28S 17+00E	<10.	0.1	190.	10.	1.	152.	1.	1.	800.
S-2088	28S 17+50E	<10.	0.7	16.	15.	5.	186.	1.	2.	140.
S-2089	28S 18+00E	<10.	0.4	25.	26.	10.	151.	1.	2.	32.
S-2090	28S 18+50E	<10.	0.3	43.	52.	9.	412.	1.	8.	65.
S-2091	28S 19+00E	30.	0.2	19.	32.	13.	171.	1.	3.	38.
S-2092	28S 19+50E	<10.	0.5	11.	15.	5.	109.	1.	2.	19.
S-2093	28S 20+00E	40.	0.3	11.	4.	9.	139.	1.	1.	19.
S-2094	28S 20+50E	20.	0.7	10.	9.	8.	75.	1.	3.	12.
S-2095	28S 21+00E	20.	0.3	23.	29.	8.	91.	4.	7.	25.
S-2096	28S 21+50E	<10.	0.1	9.	12.	6.	109.	1.	3.	13.
S-2097	28S 22+00E	<10.	0.1	30.	37.	11.	139.	1.	5.	37.

SAMPLE NUMBER	SITE LOCATION		Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	W ppm	Mo ppm	Ni ppm
S-2098	76S	5+00W	<10.	0.3	11.	12.	7.	38.	1.	2.	13.
S-2099	76S	4+50W	<10.	0.2	55.	20.	13.	66.	14.	2.	29.
S-2100	76S	4+00W	<10.	0.1	9.	21.	8.	65.	1.	3.	29.
S-2101	76S	3+50W	<10.	0.1	7.	13.	7.	54.	1.	2.	31.
S-2102	76S	3+00W	<10.	0.1	10.	17.	8.	99.	3.	4.	35.
S-2103	76S	2+50W	<10.	0.2	9.	15.	9.	68.	1.	3.	16.
S-2104	76S	2+00W	<10.	0.2	5.	11.	10.	60.	5.	2.	27.
S-2105	76S	1+50W	<10.	0.4	7.	24.	12.	96.	1.	2.	95.
S-2106	76S	1+00W	<10.	0.1	7.	16.	12.	78.	1.	1.	23.
S-2107	76S	0+50W	<10.	0.4	14.	18.	14.	74.	1.	2.	46.
S-2108	76S	0+00W	<10.	0.5	39.	19.	26.	85.	14.	1.	61.
S-2109	72S	8+00W	<10.	0.2	27.	29.	6.	100.	2.	2.	28.
S-2110	72S	7+50W	<10.	1.4	225.	54.	25.	115.	10.	4.	37.
S-2111	72S	7+00W	<10.	0.3	29.	33.	5.	88.	1.	1.	29.
S-2112	72S	6+50W	<10.	4.9	25.	14.	4.	72.	1.	1.	16.
S-2113	72S	6+00W	<10.	0.4	9.	18.	3.	81.	1.	3.	23.
S-2114	72S	5+50W	<10.	0.2	4.	18.	4.	108.	1.	2.	27.
S-2115	72S	5+00W	<10.	0.4	15.	22.	8.	86.	1.	2.	33.
S-2116	72S	4+50W	<10.	1.3	7.	45.	33.	134.	1.	3.	61.
S-2117	72S	4+00W	<10.	0.6	6.	25.	12.	100.	1.	2.	33.
S-2118	72S	3+50W	<10.	0.2	9.	21.	6.	84.	1.	3.	46.
S-2119	72S	3+00W	10.	0.3	9.	29.	10.	114.	1.	2.	50.
S-2120	72S	2+50W	<10.	0.5	6.	76.	9.	125.	1.	3.	136.
S-2121	72S	2+00W	<10.	0.1	230.	16.	10.	74.	1.	1.	35.
S-2122	72S	1+50W	10.	0.6	10.	9.	7.	79.	1.	1.	133.
S-2123	72S	1+00W	<10.	0.1	29.	9.	12.	55.	1.	1.	62.
S-2124	72S	0+50W	<10.	0.9	10.	18.	21.	102.	1.	2.	95.
S-2125	72S	0+00W	<10.	0.6	14.	21.	22.	102.	1.	2.	35.
S-2126	72S	0+50E	<10.	0.8	14.	53.	55.	185.	1.	4.	91.
S-2127	72S	1+00E	<10.	0.2	7.	12.	7.	132.	1.	3.	85.
S-2128	72S	1+50E	<10.	0.5	11.	20.	7.	126.	1.	5.	64.
S-2129	72S	2+00E	<10.	0.1	7.	27.	37.	152.	1.	6.	65.
S-2130	72S	2+50E	<10.	0.7	10.	35.	9.	200.	1.	5.	100.
S-2131	72S	3+00E	<10.	1.3	11.	43.	16.	280.	1.	4.	300.
S-2132	72S	3+50E	<10.	1.3	15.	56.	12.	171.	1.	6.	315.
S-2133	72S	4+00E	<10.	0.2	16.	32.	7.	107.	1.	3.	215.
S-2134	72S	4+50E	<10.	0.2	5.	7.	3.	72.	1.	2.	138.
S-2135	72S	5+00E	30.	0.2	16.	18.	3.	113.	1.	3.	335.
S-2136	72S	5+50E	10.	0.7	9.	16.	16.	103.	1.	2.	150.
S-2137	72S	6+00E	<10.	0.5	19.	30.	26.	179.	1.	2.	198.
S-2138	72S	6+50E	<10.	0.2	36.	22.	29.	195.	1.	6.	194.
S-2139	72S	7+00E	<10.	1.5	15.	62.	13.	100.	1.	1.	240.
S-2140	72S	7+50E	<10.	0.5	15.	30.	9.	115.	1.	3.	98.
S-2141	72S	8+00E	<10.	1.9	5.	29.	5.	51.	1.	4.	195.
S-2142	72S	9+50E	<10.	0.4	5.	13.	9.	122.	2.	1.	36.
S-2143	72S	10+00E	<10.	0.2	11.	24.	10.	128.	3.	4.	46.
S-2144	72S	10+50E	<10.	0.9	10.	33.	155.	54.	10.	2.	11.
S-2145	72S	11+00E	<10.	2.8	9.	48.	53.	92.	1.	4.	82.
S-2146	72S	11+50E	<10.	0.2	14.	17.	53.	103.	1.	1.	353.
S-2147	72S	12+00E	<10.	0.3	5.	4.	25.	58.	1.	2.	95.
S-2148	72S	12+50E	<10.	0.1	6.	5.	4.	56.	1.	3.	106.
S-2149	72S	13+00E	<10.	0.1	15.	16.	9.	85.	1.	2.	430.

SAMPLE NUMBER	SITE LOCATION	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	W ppm	Mo ppm	Ni ppm
S-2150	72S 13+50E	<10.	0.1	7.	26.	20.	115.	1.	6.	157.
S-2151	72S 14+00E	<10.	0.2	11.	20.	14.	124.	1.	2.	60.
S-2152	72S 14+50E	<10.	0.1	23.	32.	85.	250.	1.	3.	235.
S-2153	72S 15+00E	<10.	0.5	12.	29.	13.	142.	1.	2.	75.
S-2154	68S 11+00W	20.	0.3	9.	25.	9.	109.	7.	1.	65.
S-2155	68S 10+50W	<10.	0.1	11.	17.	12.	104.	14.	1.	86.
S-2156	68S 10+00W	<10.	0.3	12.	12.	11.	93.	15.	1.	71.
S-2157	68S 9+50W	<10.	0.1	29.	18.	15.	92.	12.	1.	56.
S-2158	68S 9+00W	<10.	0.4	23.	14.	7.	41.	9.	1.	16.
S-2159	68S 9+50W	<10.	0.1	20.	26.	9.	87.	4.	1.	39.
S-2160	68S 8+00W	<10.	0.5	48.	28.	20.	113.	14.	1.	76.
S-2161	68S 7+50W	10.	0.9	25.	21.	13.	92.	15.	1.	48.
S-2162	68S 7+00W	<10.	0.5	14.	51.	6.	115.	1.	1.	41.
S-2163	68S 6+50W	40.	0.3	12.	53.	8.	109.	1.	1.	42.
S-2164	68S 6+00W	<10.	0.1	11.	42.	9.	95.	1.	1.	50.
S-2165	68S 5+50W	<10.	1.2	17.	96.	9.	162.	1.	1.	77.
S-2166	68S 5+00W	<10.	1.1	15.	71.	9.	138.	1.	1.	65.
S-2167	68S 4+50W	<10.	0.2	14.	51.	5.	121.	1.	1.	64.
S-2168	68S 4+00W	<10.	0.4	12.	61.	8.	154.	1.	1.	85.
S-2169	68S 3+50W	<10.	0.7	7.	22.	8.	205.	1.	1.	50.
S-2170	68S 3+00W	<10.	0.2	5.	10.	6.	99.	1.	1.	16.
S-2171	68S 2+50W	<10.	0.3	5.	8.	6.	67.	1.	1.	21.
S-2172	68S 2+00W	10.	0.4	6.	7.	6.	62.	1.	1.	69.
S-2173	68S 1+50W	<10.	0.1	11.	18.	5.	114.	3.	1.	345.
S-2174	68S 1+00W	<10.	1.3	6.	10.	5.	102.	1.	1.	100.
S-2175	68S 0+50W	<10.	0.3	7.	29.	15.	160.	1.	7.	80.
S-2176	68S 0+00W	20.	0.1	7.	17.	7.	105.	1.	2.	145.
S-2177	68S 0+50E	<10.	0.1	12.	20.	11.	100.	1.	3.	37.
S-2178	68S 1+00E	<10.	0.6	10.	32.	12.	260.	1.	5.	153.
S-2179	68S 1+50E	<10.	1.5	6.	34.	8.	168.	1.	4.	130.
S-2180	68S 2+00E	<10.	1.5	9.	30.	13.	178.	1.	4.	120.
S-2181	68S 2+50E	<10.	3.6	6.	50.	11.	183.	1.	3.	138.
S-2182	68S 3+00E	10	4.6	10.	107.	14.	105.	1.	4.	340.
S-2183	68S 3+50E	10.	0.3	3.	17.	1.	76.	1.	1.	48.
S-2184	68S 4+00E	<10.	0.3	2.	14.	1.	39.	1.	6.	26.
S-2185	68S 4+50E	<10.	1.4	6.	31.	8.	171.	1.	6.	68.
S-2186	68S 5+00E	<10.	0.4	10.	21.	10.	159.	1.	1.	98.
S-2187	68S 5+50E	<10.	0.1	29.	28.	12.	172.	1.	4.	159.
S-2188	68S 6+00E	<10.	1.0	10.	27.	16.	151.	1.	2.	190.
S-2189	68S 6+50E	<10.	0.1	25.	10.	17.	117.	1.	1.	158.
S-2190	68S 7+00E	<10.	0.3	25.	17.	8.	108.	1.	4.	105.
S-2191	68S 7+50E	<10.	2.1	7.	33.	5.	88.	1.	2.	90.
S-2192	68S 8+00E	<10.	0.5	20.	36.	17.	182.	1.	1.	110.
S-2193	68S 8+50E	<10.	1.1	4.	14.	1.	53.	1.	1.	20.
S-2194	68S 9+00E	<10.	0.3	4.	5.	1.	57.	1.	1.	8.
S-2195	68S 9+50E	10.	0.2	11.	19.	8.	83.	4.	2.	27.
S-2196	68S 10+00E	<10.	0.2	33.	25.	8.	110.	1.	2.	44.
S-2197	68S 10+50E	<10.	1.0	11.	23.	8.	152.	1.	1.	41.
S-2198	68S 11+00E	<10.	0.6	7.	12.	12.	138.	1.	2.	25.
S-2199	68S 11+50E	<10.	0.2	10.	54.	28.	215.	1.	5.	105.
S-2200	68S 12+00E	10.	0.3	30.	39.	14.	174.	1.	4.	127.
S-2201	68S 12+50E	10.	0.1	15.	22.	13.	165.	1.	2.	63.

SAMPLE NUMBER	SITE LOCATION		Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	W ppm	Mo ppm	Ni ppm
S-2202	68S	13+00E	<10.	0.8	17.	30.	15.	121.	1.	2.	97.
S-2203	68S	13+50E	<10.	0.5	9.	20.	2.	31.	1.	1.	25.
S-2204	68S	14+00E	·20.	0.3	15.	31.	8.	119.	1.	4.	39.
S-2205	68S	14+50E	<10.	0.5	20.	73.	28.	191.	1.	7.	75.
S-2206	68S	15+00E	10.	0.4	38.	82.	16.	193.	1.	9.	83.
S-2207	68S	15+50E	<10.	0.7	11.	32.	20.	164.	1.	3.	45.
S-2208	68S	16+00E	10.	0.5	32.	42.	72.	200.	1.	5.	55.
S-2209	68S	16+50E	10.	0.3	23.	64.	45.	185.	1.	7.	69.
S-2210	68S	17+00E	<10.	0.2	16.	30.	22.	155.	1.	3.	81.
S-2211	68S	17+50E	<10.	0.3	17.	32.	20.	141.	1.	1.	41.
S-2212	68S	18+00E	<10.	0.9	59.	66.	31.	152.	1.	4.	127.
S-2220	60S	18+00W	<10.	2.4	10.	47.	14.	135.	5.	3.	100.
S-2221	60S	17+50W	<10.	1.3	7.	38.	13.	105.	7.	4.	57.
S-2222	60S	17+00W	<10.	2.2	9.	68.	12.	97.	5.	4.	63.
S-2223	60S	16+50W	<10.	1.7	9.	52.	14.	140.	4.	3.	72.
S-2224	60S	16+00W	<10.	4.0	9.	38.	20.	240.	2.	6.	70.
S-2225	60S	15+50W	<10.	0.5	7.	33.	10.	130.	4.	8.	36.
S-2226	60S	15+00W	<10.	0.6	6.	16.	8.	90.	3.	6.	25.
S-2227	60S	14+50W	<10.	1.1	7.	66.	15.	275.	1.	14.	93.
S-2228	60S	14+00W	<10.	0.2	6.	18.	13.	100.	1.	8.	25.
S-2229	60S	13+50W	10.	1.1	4.	20.	15.	98.	2.	8.	25.
S-2230	60S	13+00W	<10.	0.4	4.	15.	13.	96.	4.	6.	22.
S-2231	60S	12+50W	<10.	0.4	5.	18.	14.	98.	1.	4.	21.
S-2232	60S	12+00W	<10.	0.2	4.	14.	13.	85.	3.	6.	22.
S-2233	60S	11+50W	<10.	0.8	6.	18.	15.	100.	2.	7.	25.
S-2234	60S	11+00W	<10.	0.5	6.	21.	9.	97.	4.	7.	19.
S-2235	60S	10+50W	<10.	1.1	5.	31.	10.	210.	1.	5.	36.
S-2236	60S	10+00W	<10.	0.8	4.	21.	14.	110.	4.	7.	28.
S-2237	60S	9+50W	20.	1.1	5.	32.	17.	135.	6.	8.	34.
S-2238	60S	9+00W	10.	0.9	6.	65.	20.	220.	8.	9.	68.
S-2239	60S	8+50W	<10.	1.4	7.	43.	14.	270.	2.	7.	46.
S-2240	60S	8+00W	<10.	2.4	5.	58.	16.	200.	4.	9.	62.
S-2241	60S	7+50W	<10.	0.6	5.	55.	13.	170.	2.	9.	55.
S-2242	60S	7+00W	<10.	0.1	6.	62.	15.	185.	3.	9.	61.
S-2243	60S	6+50W	<10.	0.7	7.	58.	21.	190.	2.	9.	54.
S-2244	60S	6+00W	<10.	1.0	6.	45.	12.	145.	2.	8.	40.
S-2245	60S	5+50W	<10.	1.0	7.	50.	18.	175.	4.	8.	42.
S-2246	60S	5+00W	<10.	0.6	7.	62.	16.	175.	3.	9.	59.
S-2247	60S	4+50W	10.	1.1	7.	54.	14.	150.	1.	8.	46.
S-2248	60S	4+00W	<10.	0.6	17.	52.	15.	135.	7.	6.	81.
S-2249	60S	3+50W	<10.	0.5	20.	35.	13.	110.	13.	2.	80.
S-2251	60S	2+50W	<10.	0.4	6.	14.	12.	86.	1.	4.	27.
S-2252	60S	2+00W	<10.	0.3	9.	24.	13.	145.	4.	3.	44.
S-2253	60S	1+50W	20.	0.4	10.	25.	12.	135.	2.	3.	52.
S-2254	60S	1+00W	<10.	0.1	10.	30.	13.	120.	2.	4.	55.
S-2255	60S	0+50W	<10.	0.2	6.	9.	10.	90.	1.	2.	24.
S-2256	60S	0+00W	10.	0.1	11.	45.	12.	110.	2.	4.	70.
S-2257	60S	0+50E	<10.	0.2	9.	18.	10.	87.	1.	2.	36.
S-2258	60S	1+00E	<10.	0.4	5.	19.	16.	76.	2.	2.	26.
S-2259	60S	1+50E	<10.	0.5	5.	35.	14.	100.	1.	9.	35.
S-2260	60S	2+00E	<10.	0.7	10.	30.	13.	165.	1.	5.	68.
S-2261	60S	2+50E	<10.	0.2	3.	15.	6.	48.	1.	2.	17.

SAMPLE NUMBER	SITE LOCATION		Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	W ppm	Mo ppm	Ni ppm
S-2262	60S	3+00E	<10.	0.1	5.	7.	8.	43.	2.	1.	25.
S-2263	60S	3+50E	<10.	0.7	60.	89.	33.	240.	17.	26.	720.
S-2264	60S	4+00E	20.	0.2	23.	9.	7.	68.	8.	1.	100.
S-2265	60S	4+50E	<10.	0.3	50.	24.	10.	145.	1.	4.	315.
S-2266	60S	5+00E	<10.	0.5	24.	18.	10.	94.	5.	5.	117.
S-2267	60S	5+50E	<10.	0.3	24.	23.	20.	150.	1.	7.	107.
S-2268	60S	6+00E	<10.	0.1	77.	15.	8.	80.	1.	1.	141.
S-2269	60S	6+50E	<10.	0.1	5.	24.	19.	94.	7.	4.	38.
S-2270	60S	7+00E	<10.	0.8	7.	13.	16.	77.	5.	3.	20.
S-2271	60S	7+50E	<10.	0.3	9.	13.	12.	76.	2.	7.	28.
S-2272	60S	8+00E	<10.	0.2	6.	16.	10.	78.	4.	2.	29.
S-2273	60S	8+50E	<10.	0.6	25.	59.	16.	250.	6.	12.	60.
S-2274	60S	9+00E	<10.	0.4	4.	20.	1.	350.	1.	30.	59.
S-2275	60S	9+50E	10.	0.2	6.	12.	11.	70.	4.	3.	20.
S-2276	60S	10+00E	<10.	1.0	9.	43.	13.	290.	1.	3.	44.
S-2277	60S	10+50E	<10.	0.1	6.	27.	10.	102.	6.	4.	38.
S-2278	60S	11+00E	<10.	0.4	6.	15.	14.	86.	5.	4.	32.
S-2279	60S	11+50E	<10.	2.0	3.	35.	1.	16.	1.	4.	32.
S-2280	60S	12+00E	<10.	0.3	3.	13.	1.	72.	1.	4.	13.
S-2287	4N	0+00W	220.	0.1	22.	26.	7.	85.	4.	3.	21.
S-2288	4N	0+50W	20.	0.2	17.	24.	4.	79.	1.	1.	24.
S-2289	4N	1+00W	20.	1.0	60.	69.	20.	145.	2.	4.	59.
S-2290	4N	1+50W	10.	1.5	14.	29.	12.	165.	1.	1.	33.
S-2291	4N	2+00W	<10.	0.5	17.	25.	49.	120.	1.	1.	22.
S-2292	4N	2+50W	20.	3.8	48.	46.	18.	735.	1.	3.	83.
S-2293	4N	3+50W	<10.	3.0	5.	46.	4.	540.	1.	2.	23.
S-2294	4N	4+00W	10.	1.1	22.	41.	9.	200.	1.	1.	29.
S-2295	4N	4+50W	10.	1.2	22.	65.	32.	120.	1.	3.	48.
S-2296	4N	5+00W	10.	0.2	19.	22.	13.	160.	1.	2.	26.
S-2297	4N	5+50W	<10.	0.3	25.	33.	16.	230.	1.	3.	35.
S-2298	4N	6+00W	60.	0.7	135.	108.	19.	590.	6.	47.	103.
S-2299	4N	6+50W	20.	0.9	36.	46.	22.	220.	1.	4.	37.
S-2300	4N	7+00W	<10.	1.4	33.	44.	29.	230.	2.	5.	54.
S-2301	4N	7+50W	20.	5.9	15.	81.	85.	295.	1.	1.	63.
S-2302	4N	8+00W	<10.	2.2	10.	45.	8.	175.	1.	1.	31.
S-2303	4N	8+50W	10.	3.4	14.	32.	21.	290.	1.	8.	33.
S-2304	4N	9+00W	<10.	0.2	3.	27.	1.	9.	1.	1.	16.
S-2305	4N	9+50W	20.	2.7	5.	63.	2.	50.	1.	1.	39.
S-2306	4N	10+00W	<10.	2.0	10.	44.	6.	90.	1.	1.	45.
S-2307	4N	10+50W	<10.	0.7	9.	19.	5.	93.	1.	1.	15.
S-2308	4N	11+00W	<10.	0.5	3.	19.	1.	35.	1.	1.	11.
S-2309	4N	11+50W	20.	2.5	7.	23.	2.	115.	1.	1.	36.
S-2310	4N	12+00W	<10.	2.7	10.	39.	5.	175.	1.	2.	30.
S-2311	4N	13+00W	<10.	1.0	11.	14.	8.	65.	1.	1.	12.
S-2312	4N	13+00W	20.	2.0	77.	52.	40.	225.	1.	9.	69.
S-2313	4N	13+50W	<10.	0.4	22.	24.	9.	100.	1.	3.	17.
S-2314	4N	14+00W	10.	1.1	36.	52.	17.	195.	1.	8.	34.
S-2315	4N	14+50W	10.	0.6	29.	75.	7.	215.	1.	6.	49.
S-2316	4N	15+00W	<10.	0.6	14.	38.	8.	188.	1.	3.	25.
S-2317	4N	15+50W	<10.	1.2	10.	27.	9.	270.	1.	2.	23.
S-2318	4N	16+00W	<10.	1.8	3.	44.	1.	215.	1.	2.	13.
S-2319	4N	16+50W	<10.	0.7	6.	36.	9.	255.	1.	2.	27.

SAMPLE NUMBER	SITE LOCATION	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	W ppm	Mo ppm	Ni ppm
S-2320	4N 17+00W	20.	0.7	9.	41.	8.	130.	1.	3.	24.
S-2321	4N 17+50W	<10.	0.6	11.	38.	6.	172.	1.	3.	27.
S-2322	4N 18+00W	20.	0.5	9.	43.	5.	115.	1.	5.	25.
S-2323	4N 18+50W	20.	0.2	12.	36.	4.	140.	1.	4.	32.
S-2324	4N 19+00W	<10.	0.6	5.	75.	2.	170.	1.	2.	29.
S-2325	4N 19+50W	20.	0.9	15.	91.	7.	134.	1.	3.	48.
S-2326	4N 20+00W	<10.	0.5	9.	43.	6.	118.	1.	2.	25.
S-2327	4N 20+50W	<10.	3.2	9.	181.	7.	73.	1.	2.	62.
S-2328	4N 21+00W	10.	0.8	10.	80.	7.	140.	1.	5.	37.
S-2329	4N 21+50W	<10.	0.4	6.	27.	4.	115.	1.	1.	22.
S-2330	4N 22+00W	20.	0.6	9.	37.	5.	110.	1.	1.	22.
S-2331	4N 22+50W	20.	2.8	11.	128.	9.	125.	1.	3.	50.
S-2339	8N 17+00W	<10.	1.1	6.	38.	5.	120.	1.	4.	33.
S-2340	8N 16+50W	10.	0.8	9.	29.	8.	140.	1.	4.	26.
S-2341	8N 16+00W	10.	1.1	6.	26.	4.	142.	1.	5.	27.
S-2342	8N 15+50W	10.	2.5	14.	51.	6.	162.	1.	8.	32.
S-2343	8N 15+00W	<10.	0.8	11.	46.	11.	120.	1.	5.	33.
S-2344	8N 14+50W	<10.	0.9	15.	28.	8.	125.	1.	6.	22.
S-2345	8N 14+00W	<10.	1.0	35.	87.	17.	495.	1.	19.	68.
S-2346	8N 13+50W	<10.	0.5	11.	33.	7.	240.	1.	6.	37.
S-2347	8N 13+00W	<10.	0.3	9.	16.	3.	70.	1.	3.	14.
S-2348	8N 12+50W	<10.	0.1	7.	12.	7.	80.	1.	2.	13.
S-2349	8N 12+00W	10.	0.5	6.	10.	4.	47.	1.	3.	12.
S-2350	8N 11+50W	10.	0.2	7.	29.	10.	67.	1.	2.	26.
S-2351	8N 11+00W	<10.	1.1	15.	25.	10.	86.	1.	2.	19.
S-2352	8N 10+50W	40.	0.8	7.	11.	8.	56.	1.	3.	10.
S-2353	8N 10+00W	10.	0.2	16.	31.	6.	63.	1.	2.	22.
S-2354	8N 9+50W	<10.	0.2	12.	34.	9.	79.	1.	3.	24.
S-2355	8N 9+00W	<10.	2.5	4.	109.	2.	22.	1.	1.	27.
S-2356	8N 8+50W	<10.	0.4	3.	28.	1.	19.	1.	2.	14.
S-2357	8N 8+00W	<10.	0.7	9.	20.	12.	150.	1.	3.	23.
S-2358	8N 7+50W	<10.	0.4	11.	27.	3.	56.	1.	2.	21.
S-2359	8N 7+00W	<10.	0.3	25.	48.	5.	133.	1.	3.	35.
S-2360	8N 6+50W	10.	1.0	10.	51.	6.	78.	1.	2.	28.
S-2361	8N 6+00W	<10.	0.2	3.	18.	2.	8.	1.	1.	10.
S-2362	8N 5+50W	<10.	0.5	3.	37.	1.	32.	1.	1.	21.
S-2363	8N 0+00W	<10.	3.4	6.	133.	4.	47.	1.	2.	28.
S-2364	8N 0+50W	40.	0.6	9.	30.	3.	140.	1.	1.	25.
S-2365	8N 1+00W	10.	0.4	20.	44.	2.	99.	1.	3.	32.
S-2366	8N 1+50W	10.	0.2	20.	62.	3.	76.	1.	2.	34.
S-2367	8N 2+00W	10.	0.5	14.	37.	4.	88.	1.	1.	26.
S-2368	8N 2+50W	<10.	0.5	20.	39.	3.	98.	1.	4.	32.
S-2369	8N 3+00W	10.	0.5	36.	25.	13.	140.	1.	3.	29.
S-2370	8N 3+50W	<10.	1.2	36.	43.	8.	270.	1.	4.	64.
S-2390	0 11+50W	20.	1.1	13.	18.	8.	105.	1.	1.	15.
S-2391	0 12+00W	<10.	1.7	14.	52.	9.	235.	1.	5.	31.
S-2392	0 12+50W	<10.	7.1	9.	185.	6.	220.	1.	4.	69.
S-2393	0 13+00W	<10.	1.2	15.	39.	5.	250.	1.	6.	28.
S-2394	0 13+50W	<10.	0.4	16.	44.	6.	235.	1.	5.	36.
S-2395	0 14+00W	<10.	0.6	50.	73.	7.	500.	3.	17.	62.
S-2396	0 14+50W	20.	1.1	30.	41.	12.	215.	1.	6.	37.
S-2397	0 15+00W	10.	1.6	73.	133.	8.	210.	3.	10.	89.

SAMPLE NUMBER	SITE LOCATION		Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	W ppm	Mo ppm	Ni ppm
S-2398	0	15+50W	<10.	0.5	23.	34.	7.	155.	1.	7.	26.
S-2399	0	16+00W	<10.	2.3	15.	99.	8.	160.	1.	3.	41.
S-2400	0	16+50W	<10.	0.5	11.	31.	4.	95.	1.	2.	22.
S-2401	0	17+00W	<10.	0.5	5.	13.	6.	62.	1.	1.	12.
S-2402	0	17+50W	20.	0.3	23.	43.	5.	270.	1.	6.	41.
S-2403	0	18+00W	<10.	0.5	11.	56.	6.	150.	1.	5.	38.
S-2404	0	19+00W	10.	0.5	6.	22.	5.	87.	1.	2.	18.
S-2405	0	19+50W	<10.	0.1	10.	23.	5.	87.	1.	2.	18.
S-2406	0	20+00W	<10.	0.4	14.	38.	7.	125.	1.	3.	24.
S-2407	0	20+50W	10.	0.1	11.	44.	4.	98.	1.	4.	28.
S-2408	0	21+00W	10.	0.5	6.	17.	6.	75.	1.	2.	13.
S-2409	0	21+50W	<10.	0.3	7.	33.	2.	87.	1.	1.	19.
S-2410	0	22+00W	10.	0.4	9.	24.	3.	70.	1.	2.	16.
S-2411	0	22+50W	20.	0 1	7.	33.	1.	70.	1.	1.	22.
S-2412	0	23+00W	10.	0.5	16.	55.	7.	125.	1.	4.	32.
S-2413	0	23+50W	<10.	0.7	9.	19.	4.	66.	1.	1.	12.
S-2414	0	24+00W	<10.	0.3	12.	35.	5.	100.	1.	2.	22.
S-2415	4S	24+50W	10.	4.2	7.	126.	3.	52.	1.	2.	32.
S-2416	4S	24+00W	<10.	1.0	7.	22.	5.	112.	1.	1.	16.
S-2417	4S	23+50W	<10.	1.0	22.	39.	6.	110.	1.	3.	23.
S-2418	4S	23+00W	10.	0.5	11.	19.	4.	175.	1.	2.	16.
S-2419	4S	22+50W	10.	0.3	12.	41.	7.	73.	1.	1.	19.
S-2420	4S	22+00W	<10.	0.3	43.	27.	4.	115.	1.	3.	16.
S-2421	4S	21+50W	<10.	3.0	4.	79.	1.	14.	1.	3.	26.
S-2422	4S	21+00W	10.	1.4	20.	34.	8.	140.	1.	5.	28.
S-2423	4S	20+50W	<10.	0.5	24.	42.	7.	145.	1.	7.	29.
S-2424	4S	20+00W	10.	0.6	22.	23.	5.	128.	1.	4.	17.
S-2425	4S	19+50W	40.	0.1	32.	49.	12.	165.	1.	9.	30.
S-2426	4S	19+00W	20.	0.7	11.	72.	5.	60.	1.	1.	25.
S-2427	4S	18+00W	10.	0.3	22.	41.	6.	240.	1.	5.	37.
S-2428	4S	17+50W	20.	0.1	9.	62.	5.	90.	1.	2.	35.
S-2429	4S	17+00W	10.	0.6	17.	72.	7.	145.	1.	5.	41.
S-2430	4S	16+50W	<10.	0.8	22.	84.	5.	130.	1.	5.	45.
S-2431	4S	16+00W	10.	0.8	22.	51.	9.	128.	1.	5.	34.
S-2432	4S	15+50W	10.	0.4	15.	52.	10.	125.	1.	5.	34.
S-2433	4S	15+00W	<10.	0.4	16.	38.	4.	220.	1.	8.	43.
S-2434	4S	14+50W	40.	2.6	2.	53.	1.	36.	1.	2.	19.
S-2435	4S	14+00W	10.	0.1	2.	12.	1.	18.	1.	1.	7.
S-2436	4S	13+50W	10.	0.4	2.	26.	1.	40.	1.	1.	12.
S-2437	4S	13+00W	20.	0.4	9.	22.	5.	195.	1.	3.	34.
S-2463	4S	0+00W	<10.	0.9	11.	22.	9.	140.	1.	2.	24.
S-2464	28S	0+50W	<10.	2.5	15.	28.	10.	165.	1.	1.	32.
S-2465	28S	1+00W	<10.	0.5	17.	35.	5.	110.	1.	1.	33.
S-2466	28S	1+50W	<10.	0.4	5.	54.	4.	80.	1.	1.	22.
S-2467	28S	2+00W	10.	1.4	22.	47.	16.	130.	3.	9.	45.
S-2468	28S	3+00W	10.	0.2	5.	21.	11.	130.	1.	2.	19.
S-2469	28S	3+50W	<10.	0.5	9.	25.	6.	72.	2.	3.	26.
S-2470	28S	4+00W	40.	2.8	15.	46.	15.	135.	1.	4.	45.
S-2471	28S	4+50W	<10.	2.5	14.	57.	16.	135.	1.	5.	53.
S-2472	28S	5+00W	<10.	1.8	10.	41.	7.	115.	3.	2.	40.
S-2473	28S	5+50W	<10.	0.5	12.	46.	9.	110.	1.	2.	47.
S-2474	28S	6+00W	<10.	0.6	9.	23.	5.	85.	1.	1.	26.

SAMPLE NUMBER	SITE LOCATION	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	W ppm	Mo ppm	Ni ppm
S-2475	28S 6+50W	10.	0.8	5.	13.	3.	80.	1.	1.	16.
S-2476	28S 7+00W	<10.	0.4	10.	53.	8.	110.	1.	3.	47.
S-2477	28S 7+50W	<10.	0.6	10.	27.	12.	198.	1.	4.	35.
S-2478	28S 8+00W	<10.	0.7	6.	21.	5.	92.	1.	1.	21.
S-2479	28S 8+50W	<10.	2.8	6.	63.	9.	74.	1.	2.	40.
S-2480	28S 9+00W	<10.	1.0	7.	22.	10.	86.	1.	2.	26.
S-2481	28S 9+50W	10.	0.6	7.	22.	5.	76.	1.	2.	24.
S-2482	28S 10+00W	<10.	0.9	11.	23.	10.	79.	1.	3.	34.
S-2483	28S 10+50W	<10.	0.4	5.	12.	5.	55.	3.	2.	15.
S-2484	28S 11+00W	10	0.4	6.	23.	6.	74.	4.	2.	26.
S-2485	28S 11+50W	<10.	0.5	11.	24.	5.	78.	1.	3.	24.
S-2486	28S 12+00W	<10.	0.6	6.	17.	11.	76.	1.	2.	27.
S-2487	28S 12+50W	<10.	0.7	11.	41.	8.	94.	1.	3.	45.
S-2488	28S 13+50W	<10.	1.1	6.	47.	5.	78.	1.	1.	46.
S-2489	28S 14+00W	10.	0.5	10.	31.	4.	110.	1.	3.	32.
S-2490	28S 14+50W	10.	0.4	10.	24.	6.	82.	1.	3.	30.
S-2491	28S 15+00W	<10.	0.5	5.	12.	6.	60.	1.	1.	14.
S-2492	28S 15+50W	<10.	1.5	6.	30.	5.	120.	1.	2.	29.
S-2493	28S 16+00W	<10.	2.9	3.	101.	1.	9.	1.	4.	41.
S-2494	28S 16+50W	<10.	3.0	4.	70.	2.	20.	1.	1.	24.
S-2495	28S 17+00W	<10.	3.0	4.	80.	1.	40.	1.	4.	34.
S-2496	28S 17+50W	10.	1.8	3.	44.	1.	15.	1.	3.	20.
S-2497	28S 18+00W	<10.	2.3	19.	139.	12.	220.	1.	12.	79.
S-2498	28S 18+50W	<10.	5.3	7.	85.	9.	97.	1.	8.	48.
S-2499	28S 19+00W	<10.	3.4	6.	88.	4.	42.	1.	5.	41.
S-2500	28S 19+50W	<10.	1.2	9.	68.	10.	140.	1.	3.	54.
S-2501	28S 20+00W	<10.	0.8	9.	41.	5.	155.	1.	2.	55.
S-2502	28S 20+50W	<10.	0.7	9.	42.	7.	155.	1.	4.	54.
S-2503	28S 21+00W	<10.	1.0	9.	40.	11.	125.	1.	5.	49.
S-2504	28S 21+50W	<10.	1.1	14.	37.	11.	140.	1.	4.	55.
S-2505	28S 22+00W	10.	0.6	14.	22.	9.	93.	1.	2.	40.
S-2506	28S 22+00W	10.	0.7	63.	37.	48.	150.	4.	7.	69.
S-2507	28S 23+00W	10.	2.4	12.	58.	16.	90.	1.	3.	46.
S-2508	28S 23+50W	<10.	0.6	20.	28.	10.	140.	2.	4.	54.
S-2509	28S 24+00W	10.	0.4	20.	35.	12.	94.	2.	4.	60.
S-2510	28S 24+50W	<10.	0.2	23.	59.	18.	160.	2.	5.	89.
S-2511	28S 25+00W	<10.	0.2	9.	20.	9.	97.	3.	3.	52.
S-2512	28S 25+50W	<10.	0.2	15.	67.	17.	112.	4.	4.	99.
S-2513	28S 26+00W	10.	0.2	11.	43.	12.	135.	6.	3.	79.
S-2514	28S 26+50W	<10.	0.5	15.	39.	11.	88.	4.	4.	64.
S-2515	28S 27+00W	<10.	0.8	11.	22.	10.	83.	3.	3.	37.
S-2516	28S 27+50W	<10.	0.1	5.	24.	9.	74.	5.	1.	62.
S-2517	28S 28+00W	<10.	0.2	5.	19.	11.	60.	6.	1.	50.
S-2518	28S 28+50W	<10.	0.3	11.	48.	8.	70.	5.	2.	82.
S-2519	28S 29+00W	<10.	0.1	5.	21.	9.	56.	2.	1.	57.
S-2520	28S 29+50W	<10.	0.4	9.	55.	7.	78.	5.	1.	65.
S-2521	28S 30+00W	<10.	0.1	5.	22.	5.	72.	2.	1.	52.
S-2522	28S 30+50W	<10.	0.4	6.	59.	5.	85.	1.	2.	77.
S-2523	28S 31+00W	<10.	0.1	11.	26.	4.	75.	1.	3.	52.
S-2524	28S 31+50W	<10.	0.9	9.	24.	4.	80.	1.	1.	37.
S-2525	28S 32+00W	10.	0.8	7.	27.	8.	88.	1.	1.	39.
S-2526	28S 32+50W	<10.	0.6	6.	25.	3.	60.	1.	1.	20.

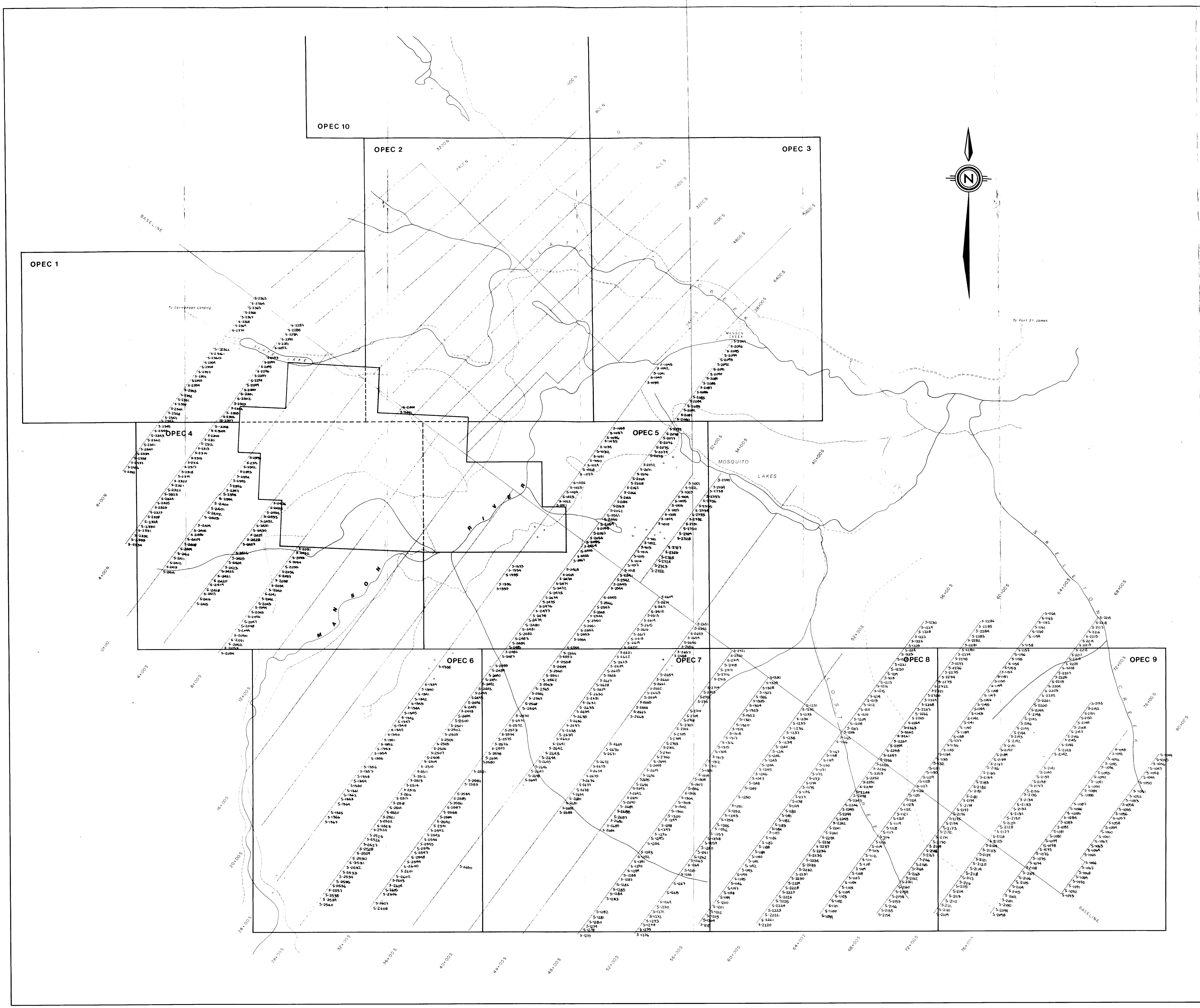
SAMPLE NUMBER	SITE LOCATION	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	W ppm	Mo ppm	Ni ppm
S-2527	28S 33+00W	10.	1.0	7.	26.	6.	92.	9.	2.	26.
S-2528	28S 33+50W	10.	0.7	7.	25.	7.	160.	3.	1.	40.
S-2529	28S 34+00W	<10.	0.1	9.	28.	1.	105.	1.	1.	29.
S-2530	28S 34+50W	10.	0.2	14.	31.	3.	79.	1.	2.	30.
S-2531	28S 35+00W	<10.	0.2	10.	31.	6.	55.	1.	2.	27.
S-2532	28S 35+50W	<10.	0.2	6.	16.	5.	71.	2.	1.	23.
S-2533	28S 36+00W	<10.	0.1	10.	19.	2.	79.	1.	1.	23.
S-2534	28S 36+50W	20.	0.2	7.	17.	11.	67.	6.	1.	19.
S-2535	28S 37+00W	10.	0.4	6.	10.	6.	49.	3.	1.	10.
S-2536	28S 37+50W	10.	0.2	7.	20.	6.	93.	8.	1.	22.
S-2537	28S 38+00W	10.	0.1	7.	16.	7.	86.	7.	2.	26.
S-2538	28S 38+50W	20.	0.1	6.	23.	5.	105.	2.	1.	24.
S-2539	28S 39+00W	10.	0.1	6.	18.	2.	59.	1.	2.	21.
S-2540	28S 39+50W	<10.	0.1	5.	17.	3.	80.	1.	1.	22.
S-2541	32S 0+50W	<10.	0.1	19.	26.	3.	65.	2.	2.	14.
S-2542	32S 1+00W	60.	1.0	36.	78.	16.	185.	4.	14.	71.
S-2543	32S 1+50W	40.	1.3	38.	75.	30.	220.	5.	14.	66.
S-2544	32S 3+00W	30.	0.1	3.	9.	3.	37.	1.	2.	4.
S-2545	32S 3+00W	50.	0.1	29.	71.	13.	115.	3.	4.	55.
S-2546	32S 3+50W	40.	3.1	19.	43.	10.	120.	6.	5.	37.
S-2547	32S 4+00W	30.	0.6	14.	24.	12.	105.	6.	3.	28.
S-2548	32S 4+50W	20.	0.6	15.	25.	7.	72.	3.	3.	25.
S-2549	32S 5+00W	20.	0.2	14.	13.	9.	57.	5.	1.	16.
S-2550	32S 5+50W	10.	0.4	22.	20.	11.	92.	7.	3.	26.
S-2551	32S 6+00W	40.	1.0	14.	32.	7.	145.	3.	4.	38.
S-2552	32S 6+50W	50.	0.5	9.	25.	10.	105.	8.	5.	30.
S-2553	32S 7+00W	120.	1.1	15.	32.	9.	110.	5.	3.	23.
S-2554	32S 7+50W	20.	0.6	9.	22.	5.	105.	4.	3.	26.
S-2555	32S 8+50W	10.	2.8	9.	56.	11.	78.	1.	3.	34.
S-2556	32S 9+00W	<10.	1.2	10.	29.	10.	125.	1.	3.	34.
S-2557	32S 9+50W	10.	0.5	11.	26.	10.	95.	3.	2.	27.
S-2558	32S 10+00W	60.	0.2	15.	40.	9.	125.	2.	2.	45.
S-2559	32S 10+50W	<10.	1.1	15.	32.	8.	118.	2.	2.	43.
S-2560	32S 11+00W	10.	0.4	14.	45.	7.	100.	4.	3.	47.
S-2561	32S 11+50W	<10.	0.9	14.	40.	9.	135.	4.	3.	52.
S-2562	32S 12+00W	20.	0.8	15.	38.	8.	135.	5.	2.	59.
S-2563	32S 12+50W	<10.	0.4	9.	17.	10.	130.	3.	2.	36.
S-2565	32S 13+00W	<10.	0.1	10.	16.	5.	79.	3.	2.	32.
S-2566	32S 13+50W	10.	0.3	9.	24.	9.	85.	1.	2.	33.
S-2567	32S 14+00W	20.	0.7	9.	34.	8.	78.	1.	1.	41.
S-2568	32S 14+50W	20.	0.2	7.	35.	7.	85.	3.	2.	53.
S-2569	32S 15+00W	20.	2.8	7.	70.	5.	42.	1.	1.	31.
S-2570	32S 16+00W	<10.	0.5	7.	35.	3.	63.	1.	1.	43.
S-2571	32S 16+50W	<10.	0.5	7.	30.	7.	90.	4.	2.	53.
S-2572	32S 17+00W	<10.	0.1	2.	12.	3.	38.	1.	3.	11.
S-2573	32S 17+50W	10.	0.2	9.	28.	7.	94.	1.	2.	51.
S-2574	32S 18+00W	10.	0.2	4.	27.	3.	32.	1.	1.	31.
S-2575	32S 18+50W	10.	0.3	4.	16.	10.	29.	2.	1.	11.
S-2576	32S 19+00W	10.	0.3	7.	22.	5.	85.	1.	3.	32.
S-2577	32S 19+50W	<10.	0.1	7.	18.	6.	70.	1.	1.	24.
S-2578	32S 20+00W	<10.	0.5	6.	18.	7.	160.	1.	2.	31.
S-2579	32S 20+50W	<10.	0.3	9.	20.	8.	79.	1.	2.	21.

SAMPLE NUMBER	SITE LOCATION	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	W ppm	Mo ppm	Ni ppm
S-2580	32S 21+00W	<10.	0.4	7.	17.	9.	110.	1.	2.	32.
S-2581	32S 22+00W	10.	3.4	5.	42.	7.	54.	1.	1.	29.
S-2582	32S 23+00W	<10.	0.4	4.	37.	1.	10.	1.	1.	30.
S-2583	32S 23+50W	<10.	0.1	9.	31.	8.	77.	3.	2.	59.
S-2584	32S 24+50W	<10.	0.1	11.	41.	9.	110.	6.	2.	79.
S-2585	32S 25+00W	<10.	0.4	4.	8.	6.	40.	1.	1.	34.
S-2586	32S 25+50W	<10.	0.5	12.	17.	5.	96.	5.	2.	56.
S-2587	32S 26+00W	<10.	1.7	7.	57.	6.	55.	1.	2.	70.
S-2589	32S 27+00W	<10.	0.9	14.	49.	8.	75.	3.	6.	102.
S-2590	32S 27+50W	<10.	0.8	9.	21.	11.	115.	6.	3.	50.
S-2591	32S 28+00W	<10.	0.1	5.	21.	11.	68.	1.	2.	24.
S-2592	32S 28+50W	<10.	2.2	10.	62.	35.	93.	4.	4.	42.
S-2593	32S 29+00W	10.	1.1	9.	33.	8.	70.	7.	4.	27.
S-2594	32S 29+50W	10.	0.6	7.	20.	6.	56.	1.	2.	15.
S-2595	32S 30+00W	<10.	0.4	7.	14.	4.	50.	3.	2.	13.
S-2596	32S 30+50W	10.	0.7	6.	46.	7.	67.	9.	3.	54.
S-2597	32S 31+00W	<10.	0.5	9.	31.	10.	69.	9.	3.	35.
S-2598	32S 31+50W	<10.	0.5	6.	19.	7.	76.	6.	2.	23.
S-2599	32S 32+00W	<10.	0.1	10.	35.	10.	110.	27.	3.	69.
S-2600	32S 32+50W	10.	0.6	10.	20.	16.	100.	29.	4.	23.
S-2601	32S 33+00W	<10.	8.0	17.	170.	29.	100.	12.	6.	59.
S-2602	32S 33+50W	40.	0.7	14.	38.	25.	190.	32.	3.	41.
S-2603	32S 34+00W	10.	0.4	15.	12.	19.	90.	40.	3.	22.
S-2604	32S 34+50W	<10.	2.4	17.	40.	205.	150.	22.	4.	49.
S-2605	32S 35+00W	<10.	0.6	15.	22.	21.	145.	28.	3.	24.
S-2606	32S 35+50W	10.	2.5	7.	50.	19.	560.	12.	4.	44.
S-2607	32S 36+50W	10.	0.6	9.	26.	8.	170.	8.	2.	26.
S-2608	32S 37+00W	10.	0.5	9.	13.	12.	115.	13.	2.	17.
S-2609	36S 0+00W	<10.	1.1	15.	25.	13.	115.	1.	4.	25.
S-2610	36S 0+50W	<10.	0.5	11.	50.	13.	270.	3.	14.	57.
S-2611	36S 1+00W	20.	0.8	23.	54.	9.	170.	2.	7.	43.
S-2612	36S 1+50W	20.	0.3	10.	19.	5.	65.	2.	3.	21.
S-2613	36S 2+00W	80.	1.1	90.	81.	7.	290.	2.	26.	85.
S-2614	36S 2+50W	20.	2.2	38.	64.	14.	165.	2.	9.	63.
S-2615	36S 3+00W	40.	1.4	33.	64.	22.	225.	2.	16.	56.
S-2616	36S 3+50W	30.	1.0	20.	69.	14.	175.	4.	10.	62.
S-2617	36S 4+00W	<10.	0.4	23.	60.	11.	140.	3.	8.	54.
S-2618	36S 4+50W	<10.	0.7	11.	22.	10.	78.	2.	4.	21.
S-2619	36S 5+00W	150.	1.0	11.	26.	5.	95.	2.	4.	29.
S-2620	36S 5+50W	<10.	0.2	19.	45.	9.	110.	3.	8.	33.
S-2621	36S 6+00W	20.	1.9	11.	24.	10.	90.	2.	3.	25.
S-2622	36S 6+50W	20.	1.0	14.	46.	9.	120.	2.	5.	46.
S-2623	36S 7+00W	<10.	1.6	12.	31.	7.	110.	3.	4.	31.
S-2624	36S 7+50W	30.	0.3	16.	29.	11.	100.	4.	4.	32.
S-2625	36S 8+00W	20.	0.6	9.	30.	5.	110.	2.	4.	39.
S-2626	36S 8+50W	<10.	0.7	7.	27.	9.	120.	2.	4.	44.
S-2627	36S 9+00W	<10.	0.8	9.	34.	12.	120.	2.	2.	59.
S-2628	36S 9+50W	<10.	3.4	7.	75.	9.	170.	2.	3.	64.
S-2629	36S 10+00W	<10.	3.3	11.	56.	13.	160.	2.	6.	44.
S-2630	36S 10+50W	20.	1.1	11.	27.	3.	130.	2.	4.	30.
S-2631	36S 11+00W	<10.	1.4	10.	42.	4.	142.	2.	2.	55.
S-2632	36S 11+50W	10.	0.6	9.	25.	7.	125.	2.	3.	30.

SAMPLE NUMBER	SITE LOCATION	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	W ppm	Mo ppm	Ni ppm
S-2633	36S 12+00W	10.	0.7	15.	46.	4.	144.	7.	6.	43.
S-2634	36S 12+50W	20.	0.9	2.	14.	2.	11.	1.	3.	11.
S-2635	36S 13+00W	20.	8.8	5.	95.	6.	48.	1.	4.	53.
S-2636	36S 13+50E	<10.	0.7	7.	34.	7.	115.	1.	2.	39.
S-2637	36S 14+00E	10.	0.7	16.	68.	7.	165.	1.	3.	42.
S-2638	36S 14+50E	<10.	0.4	6.	75.	3.	70.	1.	2.	16.
S-2639	36S 15+00E	<10.	0.3	11.	23.	4.	105.	3.	1.	20.
S-2640	36S 15+50E	20.	0.5	9.	21.	6.	98.	2.	3.	24.
S-2641	36S 16+00E	10.	0.1	10.	40.	4.	90.	3.	2.	43.
S-2642	36S 16+50E	<10.	0.2	5.	11.	2.	62.	3.	1.	17.
S-2643	36S 17+00E	20.	1.5	4.	42.	6.	32.	2.	2.	23.
S-2644	36S 17+50E	<10.	0.1	6.	39.	1.	68.	8.	3.	37.
S-2645	36S 18+00E	10.	0.4	3.	37.	4.	32.	1.	3.	26.
S-2646	36S 18+50E	10.	0.1	7.	45.	4.	77.	5.	2.	46.
S-2647	36S 19+00E	10.	0.1	6.	26.	2.	90.	4.	1.	38.
S-2648	36S 19+50E	<10.	0.2	9.	27.	8.	72.	1.	2.	36.
S-2649	36S 20+00E	<10.	0.1	6.	26.	11.	79.	14.	2.	45.
S-2650	36S 29+00E	<10.	2.5	11.	56.	12.	165.	14.	9.	69.
S-2651	40S 0+00W	10.	2.8	9.	66.	8.	190.	1.	6.	54.
S-2652	40S 0+50W	20.	1.1	7.	48.	8.	130.	1.	3.	33.
S-2653	40S 1+00W	10.	2.0	11.	28.	10.	110.	2.	3.	26.
S-2654	40S 1+50W	<10.	1.1	15.	51.	3.	110.	1.	4.	40.
S-2655	40S 2+00W	10.	0.3	7.	17.	8.	66.	1.	2.	15.
S-2656	40S 2+50W	20.	1.1	6.	16.	10.	98.	1.	2.	22.
S-2657	40S 3+00W	<10.	0.7	6.	22.	6.	120.	1.	4.	24.
S-2658	40S 3+50W	10.	0.4	6.	23.	8.	94.	2.	2.	36.
S-2659	40S 5+50W	<10.	1.3	9.	31.	9.	125.	2.	3.	30.
S-2660	40S 6+00W	<10.	0.9	2.	12.	11.	10.	1.	2.	7.
S-2661	40S 6+50W	20.	1.5	9.	59.	5.	180.	2.	4.	41.
S-2662	40S 7+00W	<10.	0.8	5.	16.	6.	105.	2.	2.	24.
S-2663	40S 7+50W	20.	2.6	9.	46.	1.	140.	2.	3.	44.
S-2664	40S 8+00W	10.	1.1	7.	36.	6.	185.	3.	7.	38.
S-2665	40S 8+50W	10.	0.2	6.	15.	5.	85.	5.	3.	15.
S-2666	40S 9+00W	30.	0.5	6.	21.	6.	135.	5.	4.	24.
S-2667	40S 9+50W	50.	0.5	9.	28.	5.	175.	4.	7.	33.
S-2668	40S 10+00W	20.	0.1	4.	20.	1.	170.	1.	3.	93.
S-2669	40S 13+00W	<10.	0.7	10.	32.	1.	88.	1.	4.	25.
S-2670	40S 13+50W	20.	0.7	11.	38.	4.	96.	1.	3.	42.
S-2671	40S 14+00W	<10.	1.7	3.	40.	3.	27.	1.	2.	23.
S-2672	40S 15+00W	<10.	0.5	7.	27.	3.	115.	3.	3.	23.
S-2673	40S 15+50W	<10.	0.5	11.	23.	3.	77.	1.	4.	20.
S-2674	40S 16+00W	<10.	0.6	7.	20.	6.	87.	2.	3.	22.
S-2675	40S 16+50W	10.	1.4	10.	38.	4.	102.	6.	3.	35.
S-2676	40S 17+00W	10.	3.7	5.	67.	2.	33.	2.	4.	25.
S-2677	40S 17+50W	10.	0.2	6.	25.	5.	67.	2.	3.	24.
S-2678	40S 18+00W	<10.	0.8	6.	31.	4.	61.	7.	1.	30.
S-2679	40S 18+50W	<10.	0.3	3.	15.	4.	63.	2.	1.	23.
S-2680	40S 19+00W	10.	0.3	2.	28.	1.	13.	1.	1.	18.
S-2681	40S 19+50W	<10.	0.4	7.	37.	5.	115.	7.	3.	56.
S-2682	40S 20+00W	<10.	0.2	3.	10.	6.	96.	6.	2.	21.
S-2683	40S 20+50W	<10.	0.2	3.	14.	3.	81.	5.	1.	26.
S-2684	44S 19+50W	<10.	1 0	5.	35.	8.	110.	3.	3.	38.

SAMPLE NUMBER	SITE LOCATION		Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	W ppm	Mo ppm	Ni ppm
S-2685	44S	19+00W	10.	1.2	12.	47.	10.	175.	2.	6.	49.
S-2686	44S	18+50W	<10.	0.5	3.	13.	3.	145.	5.	3.	4.
S-2687	44S	18+00W	<10.	0.8	3.	15.	7.	145.	7.	3.	22.
S-2688	44S	17+50W	20.	2.6	6.	68.	6.	144.	3.	5.	56.
S-2689	44S	17+00W	<10.	1.6	11.	31.	13.	400.	3.	8.	64.
S-2690	44S	16+25W	10.	1.5	20.	29.	13.	250.	3.	8.	44.
S-2691	44S	16+00W	20.	1.3	29.	44.	14.	350.	3.	12.	100.
S-2692	44S	15+50W	<10.	0.9	14.	26.	9.	120.	5.	5.	31.
S-2693	44S	15+00W	20.	0.9	4.	18.	4.	105.	12.	5.	20.
S-2694	44S	14+50W	20.	0.6	7.	30.	11.	205.	4.	8.	39.
S-2695	44S	14+00W	10.	0.4	9.	73.	9.	170.	6.	20.	57.
S-2696	44S	13+50W	<10.	0.4	3.	29.	6.	100.	9.	7.	30.
S-2697	44S	13+00W	40.	0.5	9.	45.	7.	135.	4.	7.	47.
S-2698	44S	12+50W	20.	0.7	3.	8.	3.	42.	3.	3.	8.
S-2699	44S	12+00W	<10.	1.4	3.	18.	8.	64.	4.	3.	15.
S-2700	44S	11+50W	<10.	1.3	5.	16.	9.	75.	6.	4.	21.
S-2701	44S	11+00W	10.	1.3	6.	30.	12.	95.	5.	6.	25.
S-2702	44S	10+50W	20.	0.7	3.	17.	10.	98.	2.	3.	21.
S-2703	44S	10+00W	10.	2.3	6.	22.	8.	145.	2.	7.	26.
S-2704	44S	9+50W	10.	1.0	6.	26.	6.	107.	5.	8.	26.
S-2705	44S	9+00W	<10.	0.5	2.	8.	3.	36.	7.	4.	7.
S-2706	44S	8+50W	<10.	0.8	6.	30.	5.	110.	7.	7.	29.
S-2707	44S	8+00W	<10.	13.5	4.	85.	10.	125.	1.	4.	57.
S-2708	44S	7+50W	20.	1.5	4.	21.	7.	78.	3.	3.	16.
S-2709	44S	7+00W	<10.	3.6	4.	57.	13.	165.	2.	5.	38.
S-2710	44S	6+50W	<10.	4.0	3.	70.	14.	175.	1.	3.	45.
S-2711	44S	5+50W	10.	1.7	3.	38.	3.	28.	1.	3.	22.
S-2712	44S	5+00W	50.	1.1	6.	37.	11.	125.	3.	6.	26.
S-2713	44S	4+50W	<10.	7.0	3.	58.	9.	160.	2.	3.	41.
S-2714	44S	4+00W	<10	1.8	7.	37.	8.	115.	2.	4.	33.
S-2715	44S	3+00W	<10.	1.2	14.	53.	6.	155.	1.	7.	46.
S-2716	44S	2+50W	200	0.7	6.	20.	5.	80.	2.	4.	20.
S-2717	44S	2+00W	<10.	0.6	5.	22.	5.	95.	3.	6.	19.
S-2718	44S	1+50W	<10.	0.6	3.	28.	10.	110.	2.	4.	34.
S-2719	44S	1+00W	220.	1.9	5.	30.	7.	140.	5.	8.	27.
S-2720	44S	0+50W	<10.	0.6	11.	32.	12.	130.	5.	5.	25.
S-2721	44S	0+00W	<10.	1.4	5.	15.	9	70.	1.	2.	16.
S-2722	34S	1+50E	<10.	0.2	175.	67.	12.	170.	1.	5.	176.
S-2723	34S	2+00E	<10.	0.4	113.	27.	3.	75.	1.	2.	400.
S-2724	34S	2+50E	<10.	0.2	33.	24.	5.	85.	1.	1.	96.
S-2725	34S	3+00E	<10.	0.1	20.	19.	5.	120.	1.	1.	106.
S-2726	34S	3+50E	<10.	0.2	17.	13.	6.	93.	1.	2.	42.
S-2727	34S	4+00E	<10.	0.3	110.	22.	5.	110.	1.	1.	30.
S-2728	34S	5+25E	<10.	0.3	63.	43.	18.	88.	1.	1.	460.
S-2729	34S	5+50E	<10.	0.3	39.	40.	26.	160.	1.	4.	93.
S-2730	34S	6+00E	<10.	0.2	20.	50.	26.	124.	1.	5.	68.
S-2731	34S	6+50E	<10.	0.2	32.	24.	5.	108.	1.	5.	66.
S-2732	34S	7+00E	30.	0.3	29.	84.	13.	110.	1.	3.	49.
S-2733	34S	7+50E	10.	0.3	29.	35.	32.	162.	1.	2.	54.
S-2734	34S	8+00E	<10.	0.2	48.	23.	23.	135.	1.	38.	54.
S-2735	34S	8+50E	<10.	0.2	6.	24.	23.	160.	1.	7.	49.
S-2736	34S	9+00E	20.	0.5	29.	8.	14.	69.	1.	2.	9.

SAMPLE NUMBER	SITE LOCATION	Au ppb	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	W ppm	Mo ppm	Ni ppm
S-2737	34S 9+50E	<10.	0.1	30.	25.	72.	87.	1.	2.	22.
S-2738	34S 10+00E	<10.	0.1	22.	25.	18.	120.	1.	1.	33.



GEOLOGICAL BRANCH
ASSESSMENT REPORT

10,746

Fig.10

ANACONDA Canada Exploration Ltd.

Manson Creek Project
OPEC CLAIMS
HYENA GRID
SOIL SAMPLE LOCATIONS

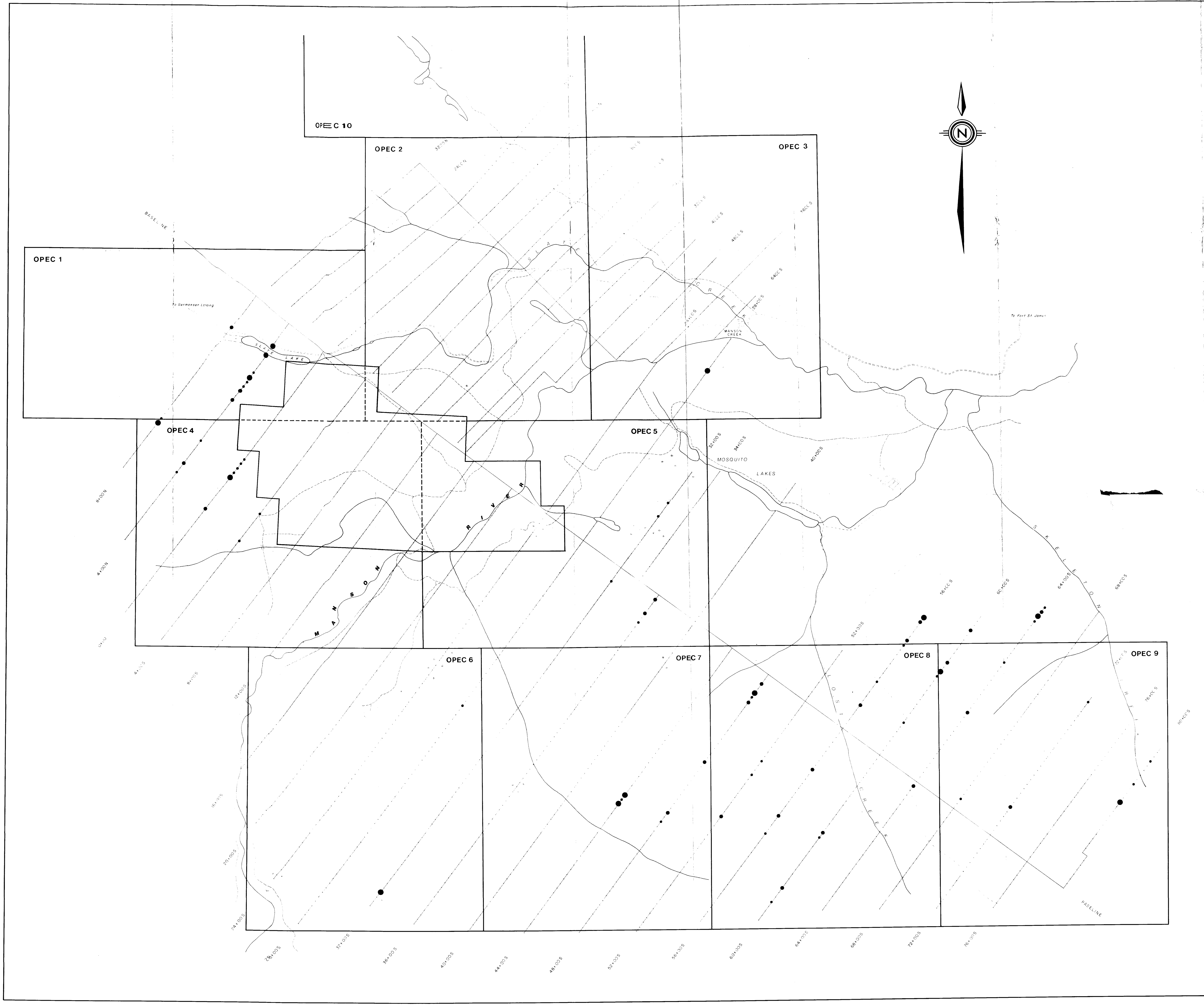
geology by M.A.	drawn by D.M.C.	date SEPT. 1982
scale 1:10,000	n.t.s. 93 N/9,10	drawing no. of

GEOLOGICAL BRANCH
ASSESSMENT REPORT

10,746

Fig. 18

ANACONDA Canada Exploration Ltd.		
Manson Creek Project		
OPEC CLAIMS		
HYENA GRID		
Pb SOIL ANOMALIES		
geology by M.A.	drawn by D.M.C.	date SEPT. 1982
scale: 1:10,000	n.t.s. 93 N/9,10	drawing no. ... of



GEOLOGICAL BRANCH ASSESSMENT REPORT

10,746

Fig.19

ANACONDA Canada Exploration Ltd.

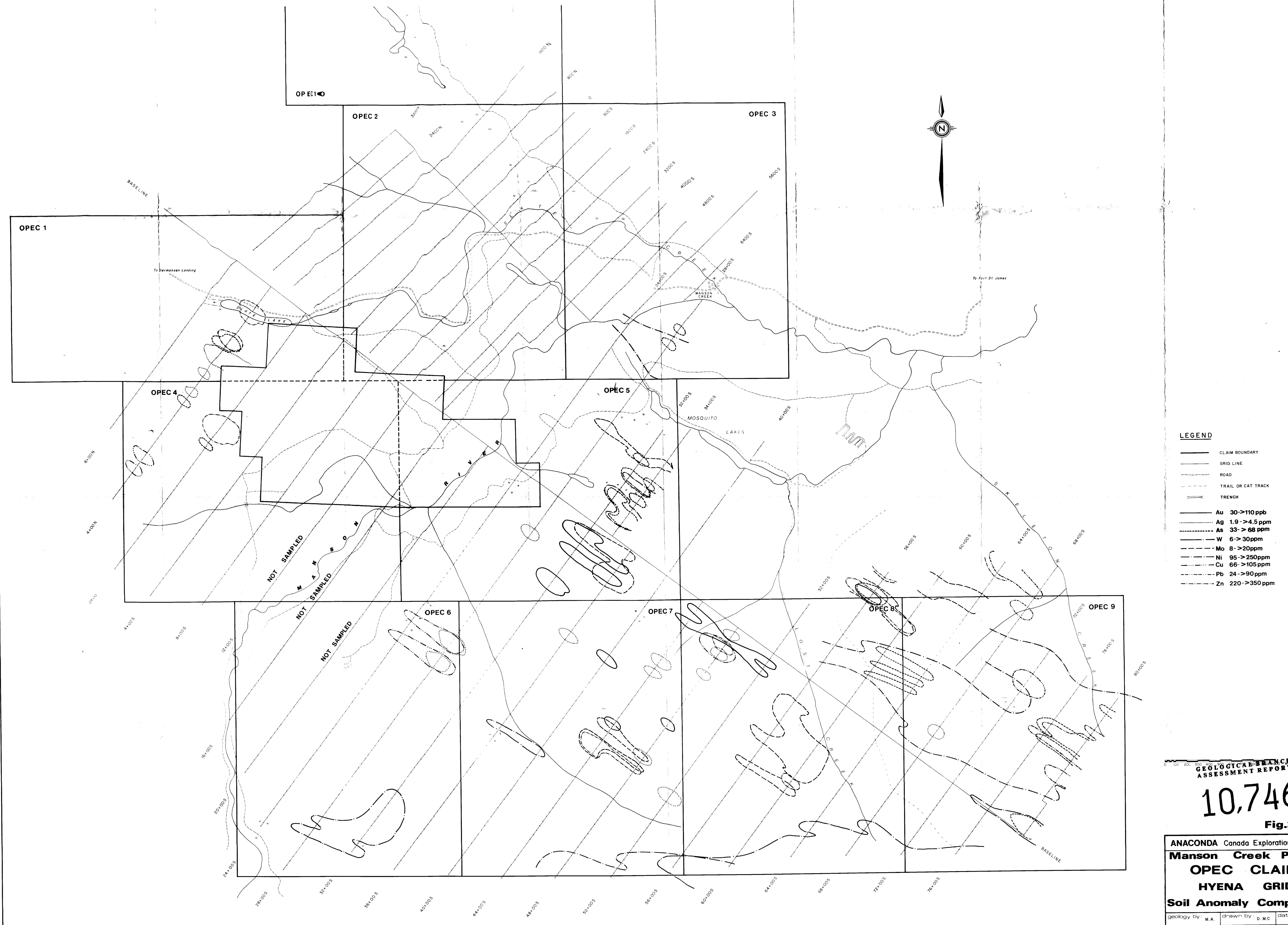
Manson Creek Project

OPEC CLAIMS

HYENA GRID

Zn SOIL ANOMALIES

geology by M.A.	drawn by D.M.C.	date SEPT. 1982
scale: 1:10,000	n.t.s. 93 N/9,10	drawing no. ... of



GEOLOGICAL BRANCH
ASSESSMENT REPORT

10,746

Fig.20

ANACONDA Canada Exploration Ltd.

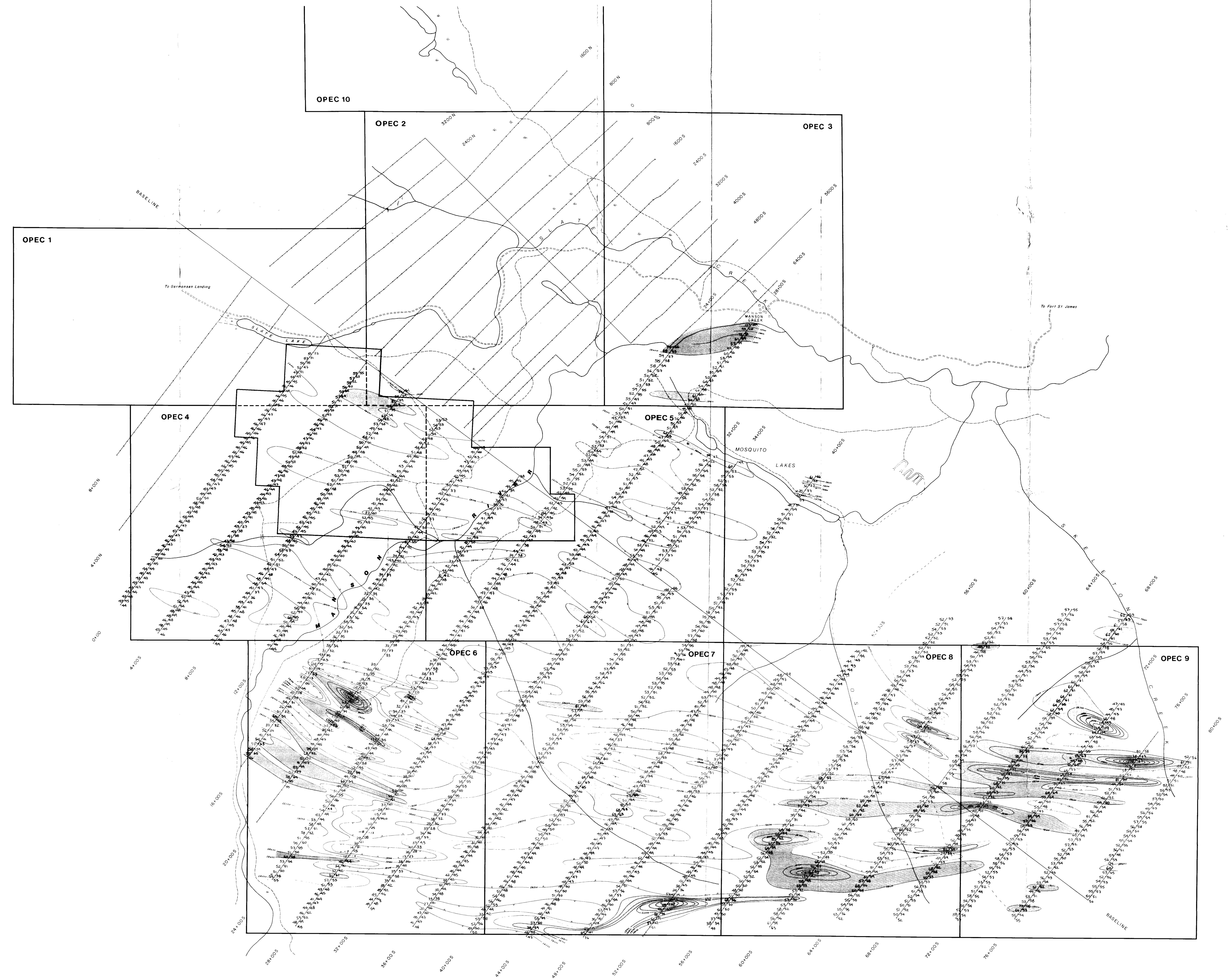
Manson Creek Project

OPEC CLAIMS

HYENA GRID

Soil Anomaly Compilation

geology by: M.A.	drawn by: D.M.C.	date: SEPT. 1982
scale: 1:10,000	n.t.s. 93 N/9,10	drawing no. __ of __



LEGEND

- CLAIM BOUNDARY
- GRID LINE
- ROAD
- TRAIL OR CAT TRACK
- TRENCH

TOTAL FIELD MAGNETOMETER SURVEY

INSTRUMENT: Geometrics Unimag II
CONTOUR INTERVAL: 100 gammas
STATION VALUES: Multiply by 10 and add 58000 gammas
Greater than 58600 gammas

0 100 200 300 400 500 600 700 800 900 1000 METRES

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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Fig.22

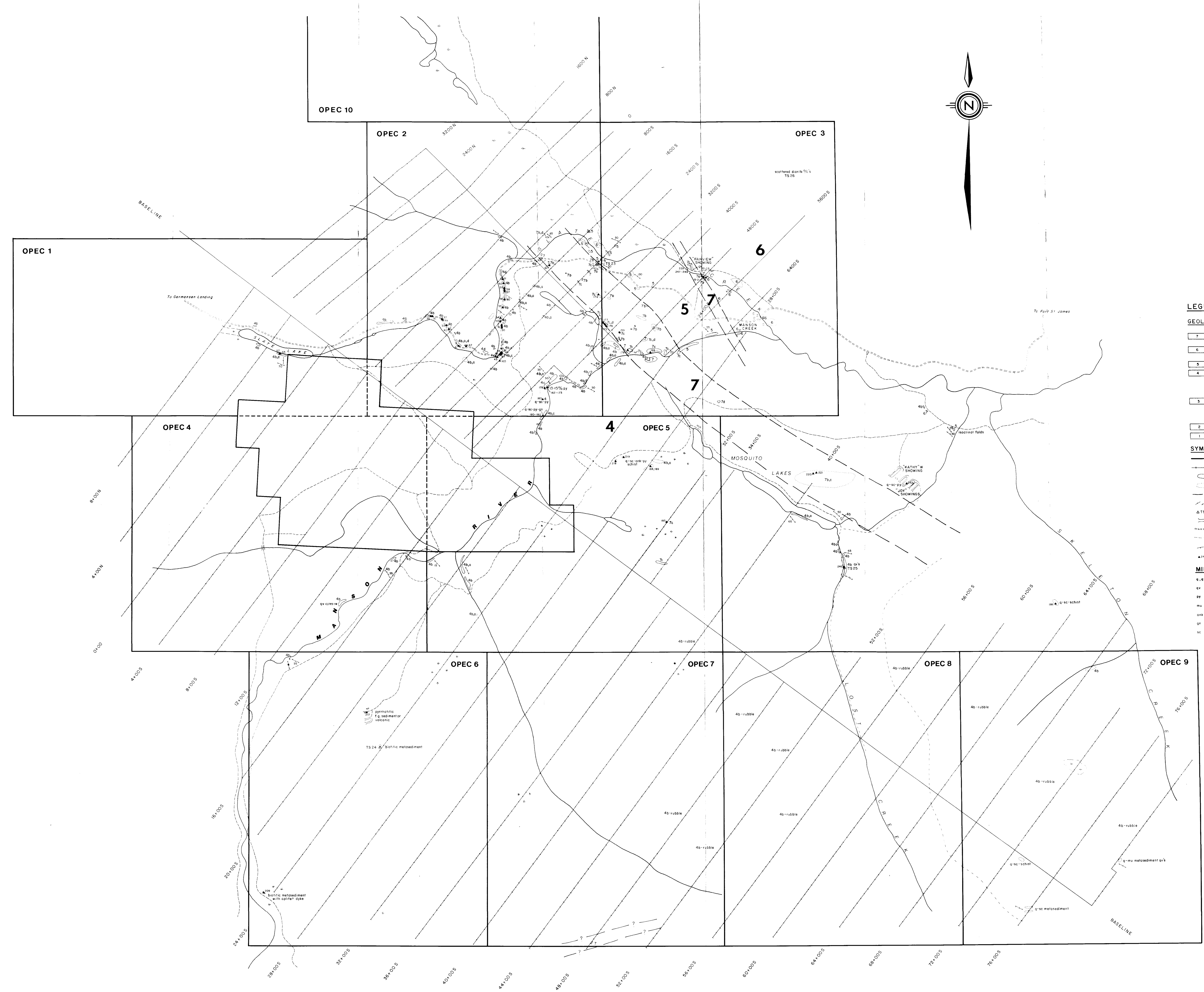
ANACONDA Canada Exploration Ltd.

MANSON CREEK PROJECT

OPEC CLAIMS
MAGNETOMETER SURVEY
HYENA GRID

geology by: A.S.	drawn by: D.M.C.	date: SEPT. 1982
scale: 1:10,000	n.t.s. 93 N/9,10	drawing no. ___ of ___


OPEC 10
OPEC 2
OPEC 3
OPEC 1
OPEC 4
OPEC 5
OPEC 6
OPEC 7
OPEC 8
OPEC 9
SLATE LAKE
MOSQUITO
LAKES
MANSON
RIVER
LOST
CREEK
SKELETON
CREEK
LEGEND
CLAIM BOUNDARY
GRID LINE
ROAD
TRAIL OR CAT TRACK
TRENCH
Au(ppb)
30-39
40-109
≥ 110
GEOLOGICAL BRANCH
ASSESSMENT REPORT
10,746
Fig.11
ANACONDA Canada Exploration Ltd.
Manson Creek Project
OPEC CLAIMS
HYENA GRID
Au SOIL ANOMALIES
geology by M.A.
drawn by D.M.C.
date SEPT. 1982
scale 1:10,000
n.t.s. 93 N/9,10
drawing no. of



LEGEND

GEOLOGY

ULTRAMAFIC ROCKS

7 — 7) Undifferentiated; 7a) Serpentinite and serpentinized peridotite, 7b) Carbonate-quartz rock; 7c) Carbonate-quartz-mariposite rock; 7d) Talc bearing rock

6 — **GNEISSIC HORNBLENDE GABBRONORITE**

SEDIMENTARY ROCKS

5 — Unmetamorphosed graphitic carbonaceous shale and shaly limestone

4 — Deformed and metamorphosed mixed pelagic and fine detrital sediments. Mainly siliceous chlorite ± ankerite, ± graphite, ± sericite schist with minor calcitic dolostone intercalations; 4) Undifferentiated; 4a) Ankerite bearing; 4b) Graphite bearing; 4d) Calcitic dolostone.

VOLCANICLASTIC ROCKS

3 — Mainly sandy epiclastic rocks, of volcanic derivation; 3) undifferentiated 3a) Volcanic siltstone; 3b) Volcanic sandstone; 3c;) Volcanic conglomerate.

VOLCANIC ROCKS
Porphyritic basaltic and andesitic flows, subordinate hyaloclastite and aquagene tuff.

2 — Feldspar porphyritic andesitic flow.

1 — Mafic porphyritic basaltic flow; 1a) massive; 1b) pillowed; 1c) hyaloclastite and aquagene tuff

SYMBOLS

- CLAIM BOUNDARY
- GRID LINE
- OUTCROP
- SUBOUTCROP
- GEOLOGICAL CONTACT (Assumed)
- BEDDING, SCHISTOSITY, JOINT, CLEAVAGE
- △TS 16 — THIN SECTION SAMPLE SITE LOCATION
- TRENCH
- ROAD
- TRAIL
- FLUME
- ▲263 — ROCK SAMPLE SITE LOCATION

MINERAL ABBREVIATIONS

q, qtz	QUARTZ
qv	QUARTZ VEIN
py	PYRITE
mu	MUSCOVITE
ank	ANKERITE
gn	GALENA
sc	SERICITE

NOTE: This legend applies also to the adjoining QCM claims. Units 1, 2 and 3 are not found on the OPEC claims.

0 100 200 300 400 500 600 700 800 900 1000 METRES

GEOLOGICAL BRANCH ASSESSMENT REPORT

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Fig.5

ANACONDA Canada Exploration Ltd.

MANSON CREEK PROJECT

OPEC CLAIMS GEOLOGY

geology by: M.A., D.M., L.R.	drawn by: D.M.C.	date: SEPT. 1982
scale: 1:10,000	n.t.s. 93 N/9,10	drawing no. ___ of ___

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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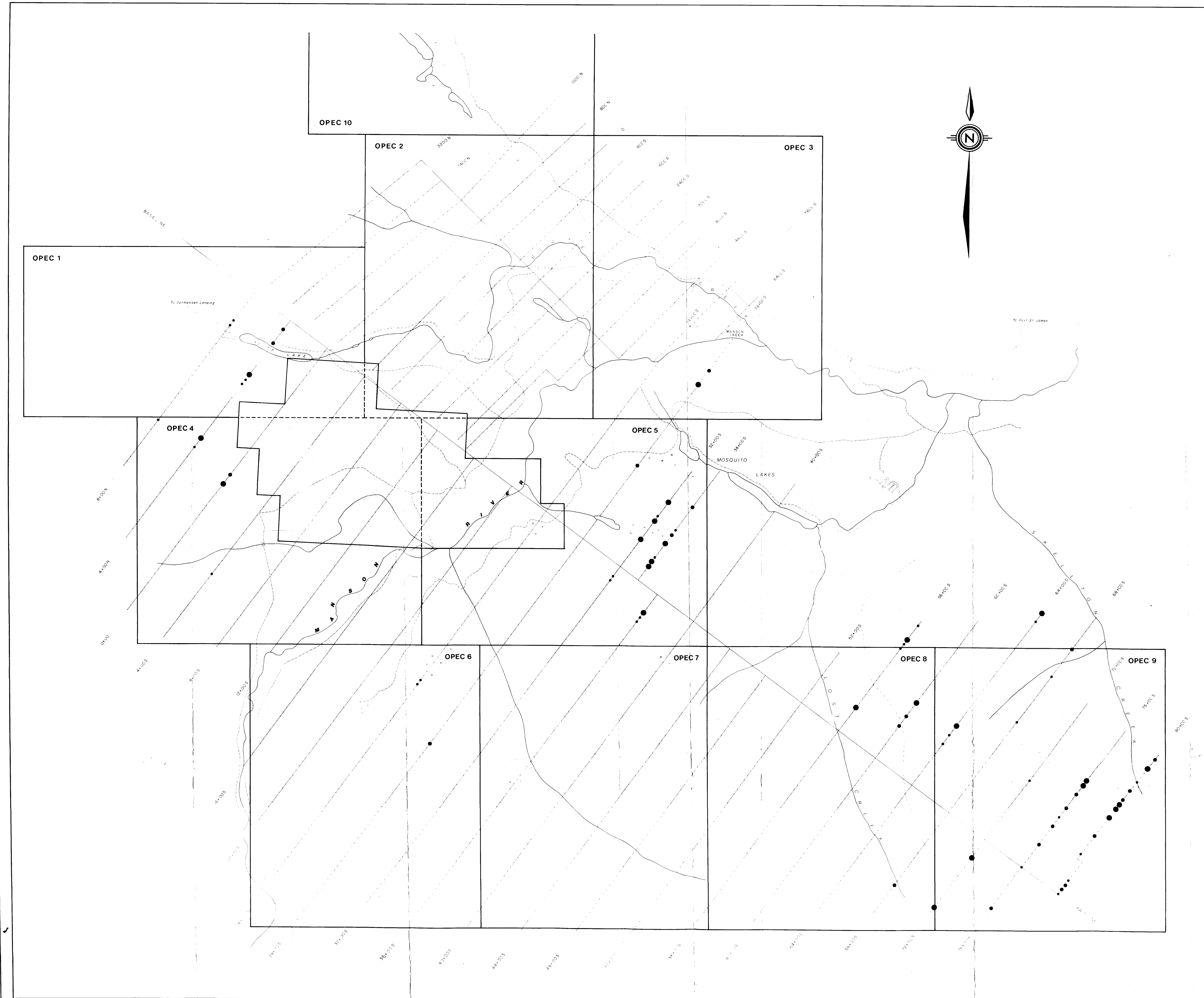
Fig.12

ANACONDA Canada Exploration Ltd.

Manson Creek Project
OPEC CLAIMS
HYENA GRID
Ag SOIL ANOMALIES

geology by M.A.	drawn by D.M.C.	date SEPT 1982
scale 1:10,000	n.t.s. 93 N/9,10	drawing no. of



GEOLOGICAL BRANCH
ASSESSMENT REPORT

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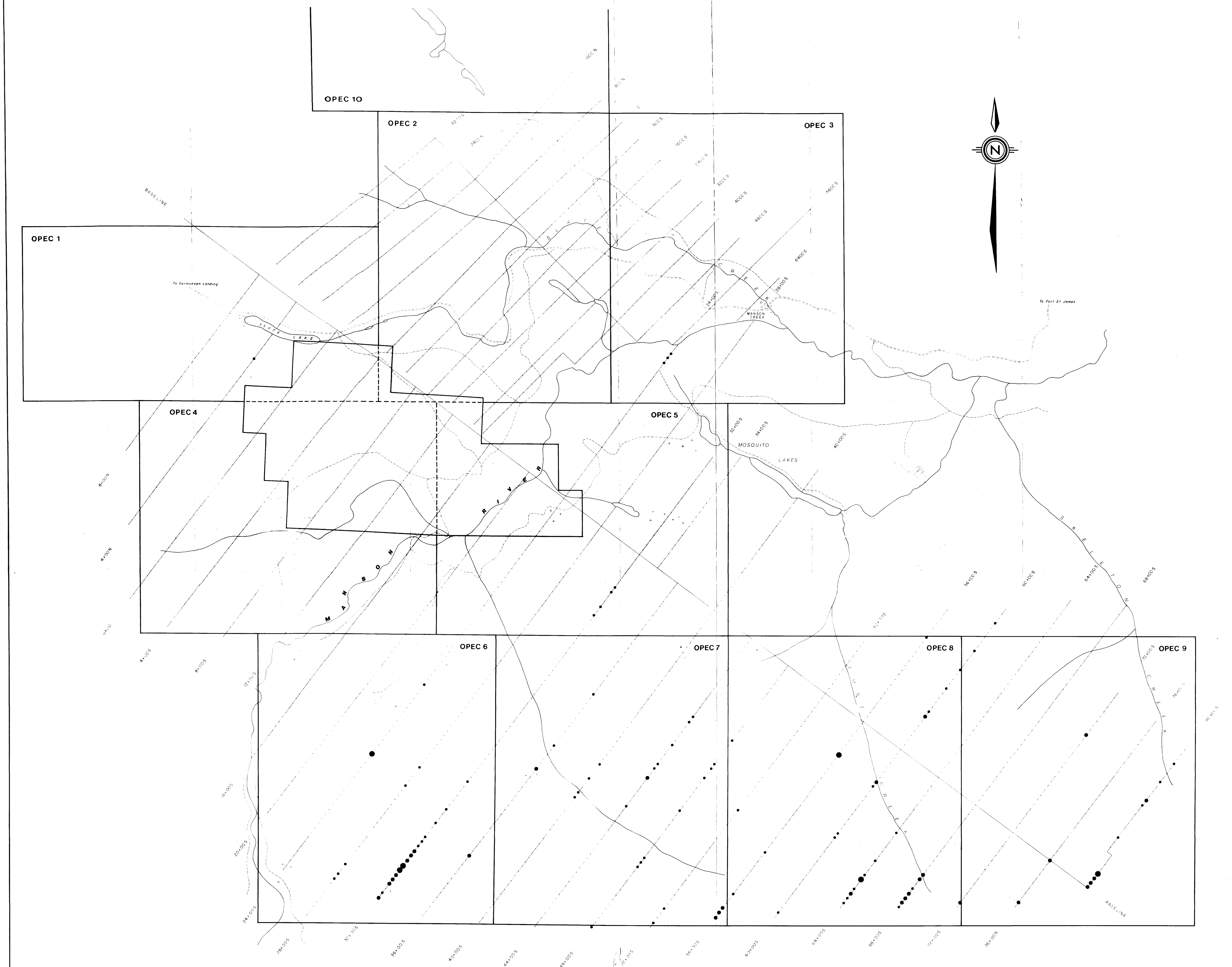
Fig.13

ANACONDA Canada Exploration Ltd.

Manson Creek Project
OPEC CLAIMS
HYENA GRID
As SOIL ANOMALIES

M.A.	D.M.C.	SEPT 1982
1:10,000	93 N/9,10	



GEOLOGICAL BRANCH
ASSESSMENT REPORT

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Fig.14

ANACONDA Canada Exploration Ltd.		
Manson Creek Project		
OPEC CLAIMS		
HYENA GRID		
W SOIL ANOMALIES		
geology by M.A.	drawn by D.M.C.	date SEPT 1982
scale 1:10,000	n.t.s. 93 N/9,10	drawing no. of

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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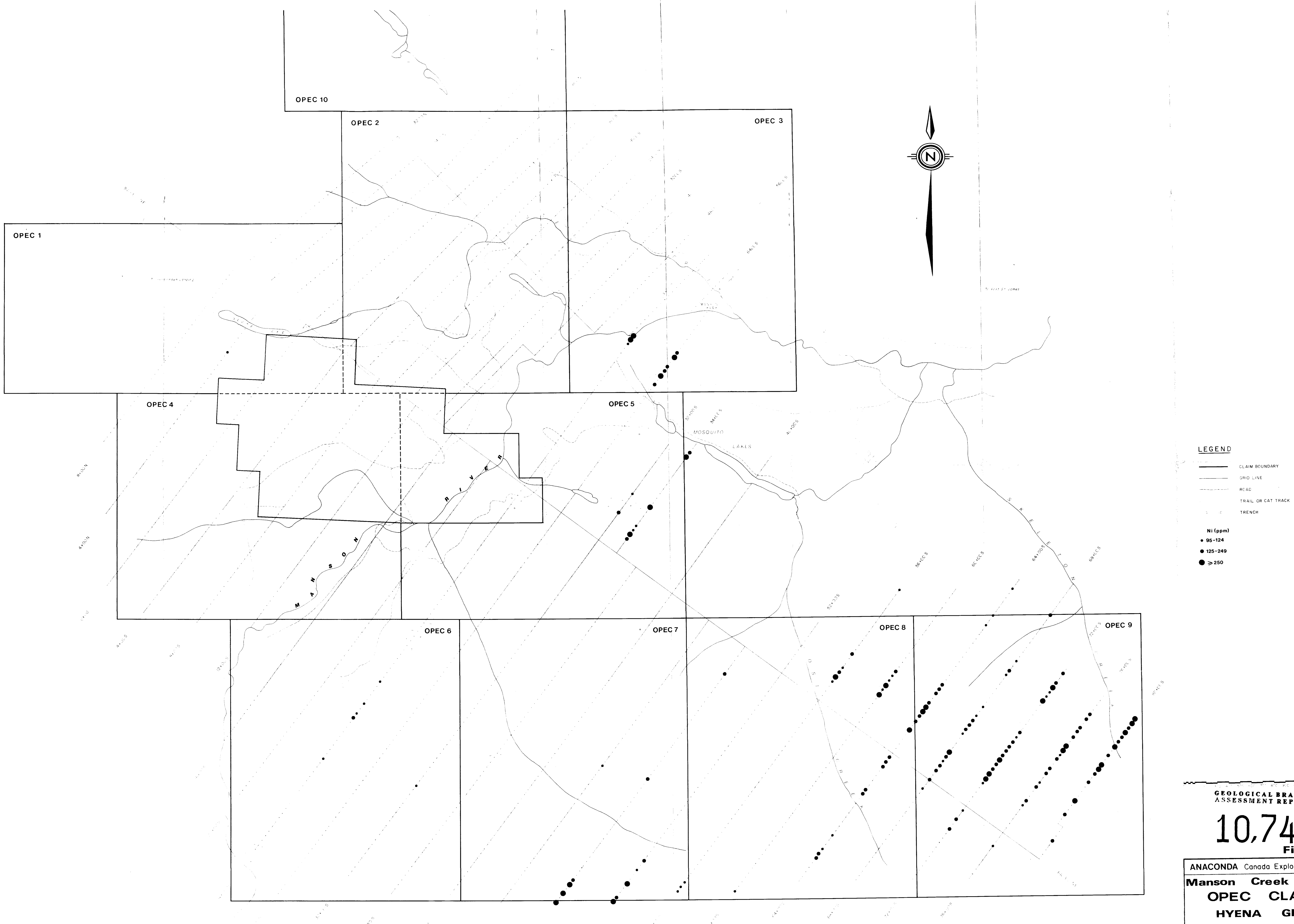
Fig.15

ANACONDA Canada Exploration Ltd.		
Manson Creek Project		
OPEC CLAIMS		
HYENA GRID		
Mo SOIL ANOMALIES		
M.A.	D.M.C	SEPT. 1982
1:10,000	93 N/9,10	



GEOLOGICAL BRANCH
ASSESSMENT REPORT

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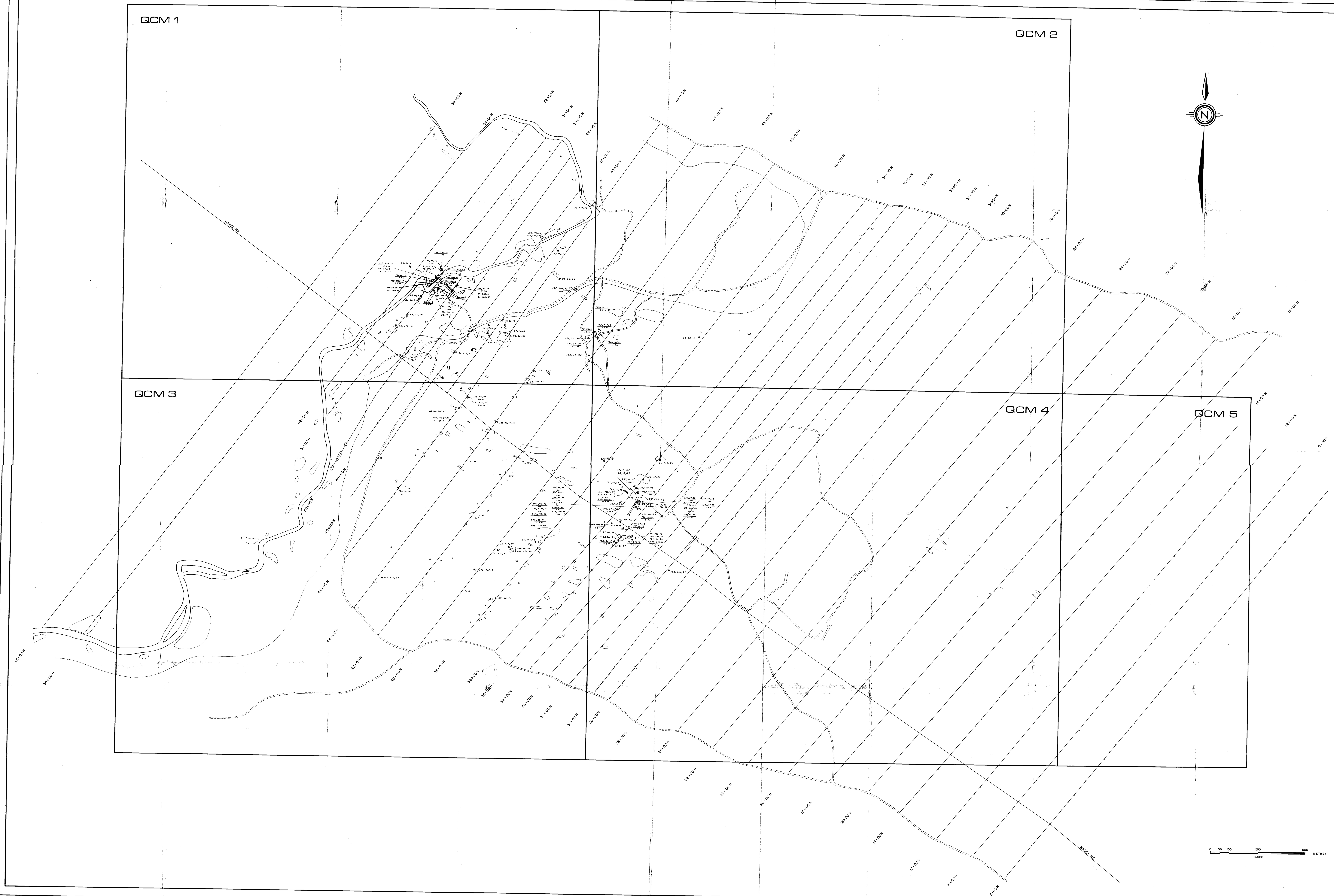
Fig. 16

ANACONDA Canada Exploration Ltd.

Manson Creek Project
OPEC CLAIMS
HYENA GRID
Ni SOIL ANOMALIES

M.A.	D.M.C.	SEPT. 1982
10,000	93 N/9,10	


OPEC 10
OPEC 2
OPEC 3
OPEC 1
OPEC 4
OPEC 5
OPEC 6
OPEC 7
OPEC 8
OPEC 9
N
BASELINE
To Germansen Landing
To Fort St James
MOSQUITO
LAKES
MANSON RIVER
LEGEND
CLAIM BOUNDARY
GRID LINE
ROAD
TRAIL OR CAT TRACK
TRENCH
Cu (ppm)
66 - 81
82-104
≥105
0 100 200 300 400 500 600 700 800 900 1000 METRES
GEOLOGICAL BRANCH ASSESSMENT REPORT
10,746
Fig.17
ANACONDA Canada Exploration Ltd.
Manson Creek Project
OPEC CLAIMS
HYENA GRID
Cu SOIL ANOMALIES
geology by: M.A.
drawn by: D.M.C.
date: SEPT. 1982
scale: 1:10,000
n.t.s. 93 N/9,10
drawing no. of



LEGEND

124, 10, 45	GRAB SAMPLE – SAMPLE NUMBER, Au(ppb), As(ppm)
243, 80, 41 / 0.7m	CHIP SAMPLE – SAMPLE NUMBER, Au(ppb), As(ppm) / SAMPLE INTERVAL (metres)

SYMBOLS

- CLAIM BOUNDARY
- GRID LINE
- ROAD
- 1982 ANACONDA ROAD
- TRENCH
- FLUME
- OUTCROP
- SUBOUTCROP

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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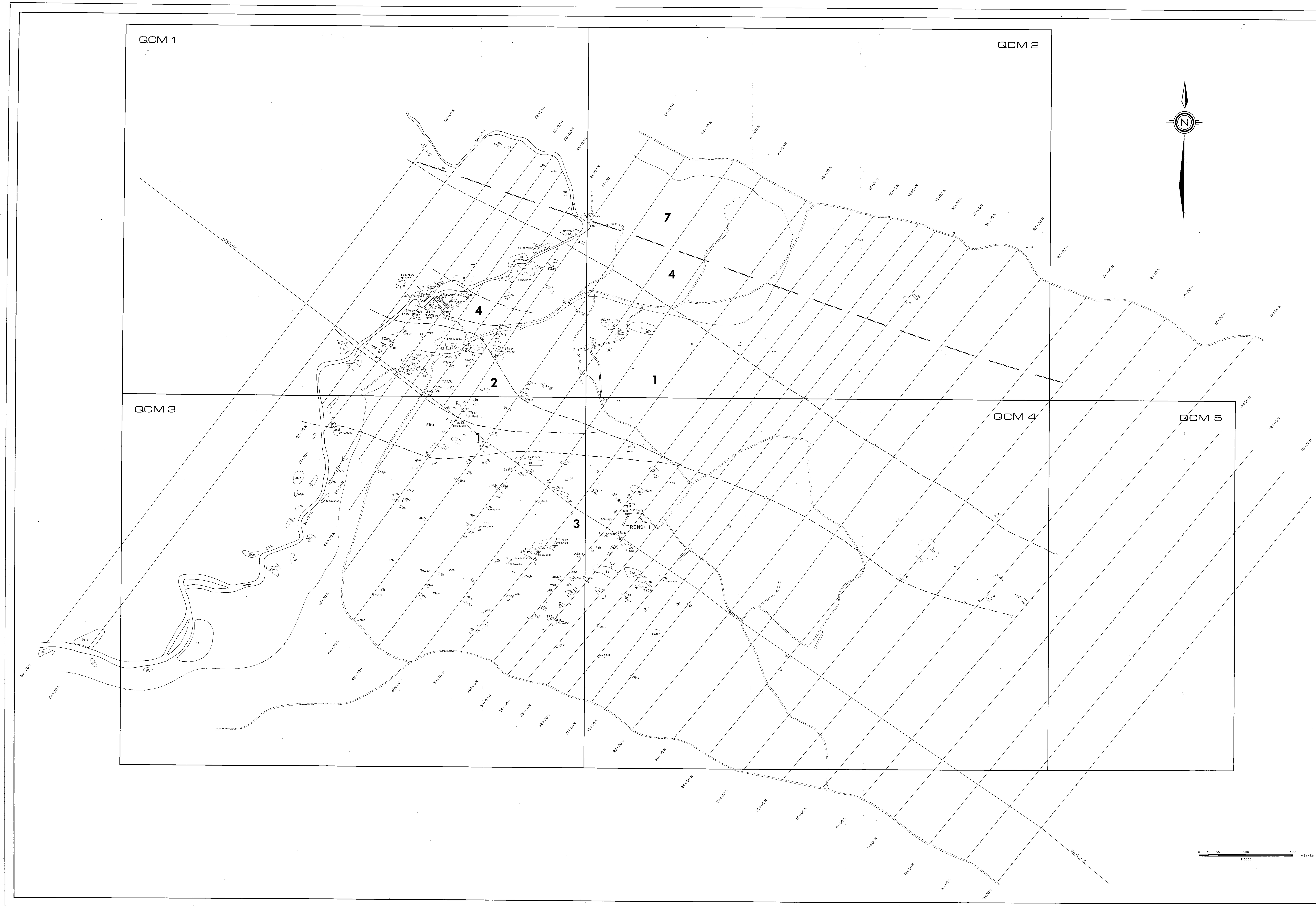
Fig.7

ANACONDA Canada Exploration Ltd.

Manson Creek Project
QCM CLAIMS
ROCK GEOCHEMISTRY and SAMPLE LOCATIONS

geology by: M.A.	drawn by: D.M.C.	date: SEPT. 1982
scale: 1:5,000	n.t.s. 93 N/10E	drawing no. __ of __



LEGEND

GEOLOGY

ULTRAMAFIC ROCKS

[7] 7) Undifferentiated; 7a) Serpentinite and serpentinized peridotite; 7b) Carbonate-quartz rock; 7c) Carbonate-quartz-mariposite rock; 7d) Talc bearing rock.

[6] **GNEISSIC HORNBLENDE GABBRONORITE**

SEDIMENTARY ROCKS

[5] Unmetamorphosed graphitic carbonaceous shale and shaly limestone.

[4] Deformed and metamorphosed mixed pelagic and fine detrital sediments. Mainly siliceous chlorite ± ankerite, ± graphite, ± sericite schist with minor calcitic dolostone intercalations; 4) Undifferentiated; 4a) Ankerite bearing; 4b) Graphite bearing; 4d) Calcitic dolostone.

VOLCANICLASTIC ROCKS

[3] Mainly sandy epiclastic rocks, of volcanic derivation; 3) undifferentiated 3a) Volcanic siltstone; 3b) Volcanic sandstone; 3c;) Volcanic conglomerate.

VOLCANIC ROCKS

Porphyritic basaltic and andesitic flows, subordinate hyaloclastite and aquagene tuff.

[2] Feldspar porphyritic andesitic flow.

[1] Mafic porphyritic basaltic flow; 1a) massive; 1b) pillowed; 1c) hyaloclastite and aquagene tuff.

SYMBOLS

CLAIM BOUNDARY
GRID LINE
OUTCROP
SUBOUTCROP
GEOLOGICAL CONTACT (Assumed)
BEDDING, SCHISTOSITY, JOINT, CLEAVAGE
ΔTS 16 THIN SECTION SAMPLE SITE LOCATION
TRENCH
ROAD
1982 ANACONDA ROAD
FLUME
FAULT (Assumed)

MINERAL ABBREVIATIONS

q, qtz	QUARTZ
qv	QUARTZ VEIN
py	PYRITE
pyr	PYRRHOTITE
tetr	TETRAHEDRITE

NOTE: This legend applies also to the adjoining Opec claims. Units 5+6 are not found on the QCM claims.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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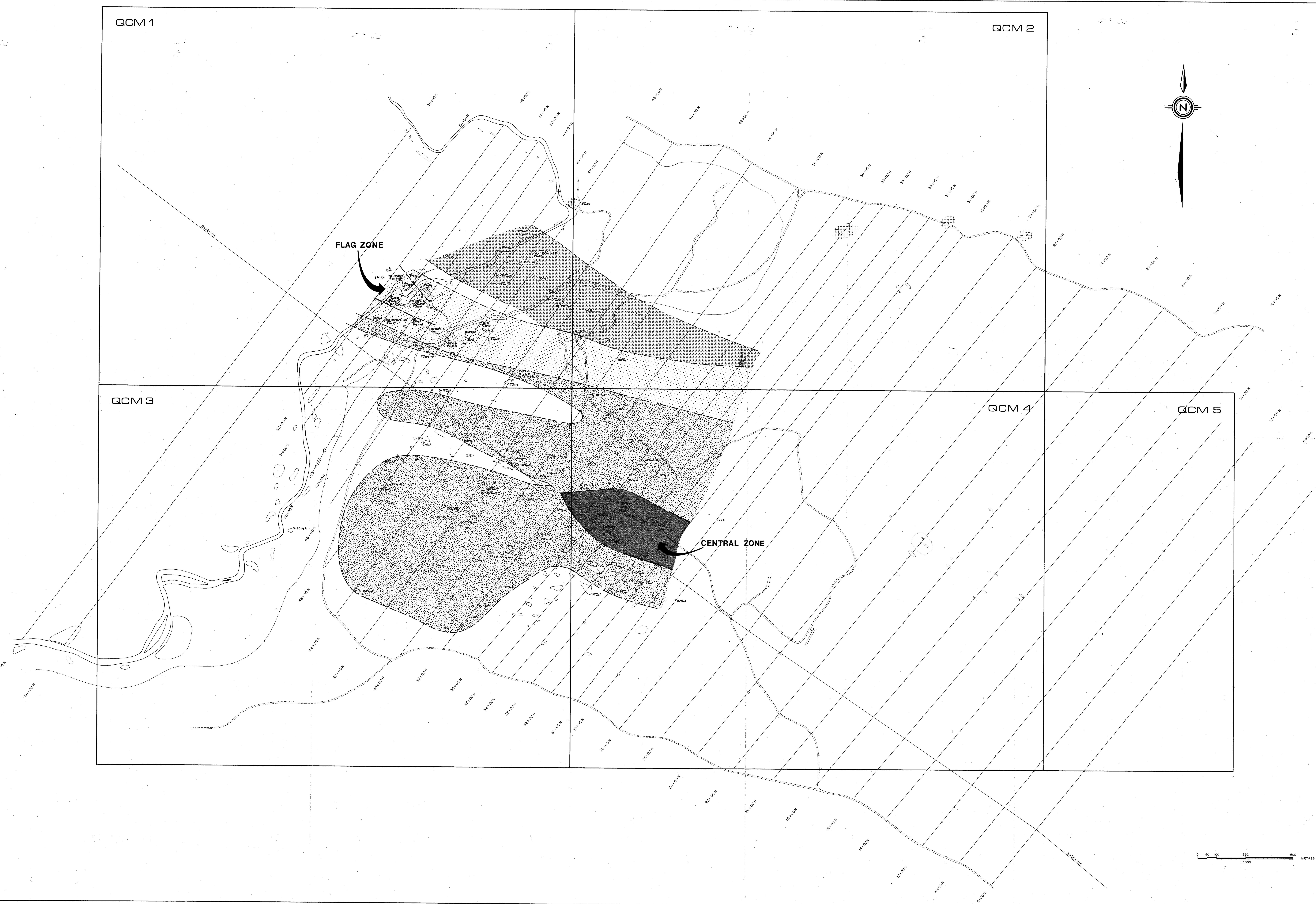
Fig.4

ANACONDA Canada Exploration Ltd.

MANSON CREEK PROJECT
QCM CLAIM GROUP GEOLOGY

geology by: M.A., D.M., L.R.	drawn by: D.M.C.	date: SEPT. 1982
scale: 1:5,000	n.t.s. 93 N/10E	drawing no. ___ of ___



LEGEND

INTENSE ALTERATION
- Ankerite - Albite - Sericite - Quartz ± Pyrite (after epiclastic rocks)
- Ankerite - Albite - Sericite - Quartz ± Mariposite ± Pyrite (after volcanic rocks)
- Carbonate - Quartz ± Mariposite ± Talc ± Tremolite ± Pyrite (after ultramafic rocks)

WEAK ALTERATION
- Ankerite (after epiclastic rocks)

- Mainly unaltered mafic volcanic rocks (local intense ankerite-sericite-albite-quartz ± mariposite ± pyrite peripheral to fractures)

MINERAL ABBREVIATIONS

A ANKERITE
py PYRITE
ser SERICITE
mar MARIPOSITE

SYMBOLS

CLAIM BOUNDARY
GRID LINE
ROAD
1982 ANACONDA ROAD
TRENCH
FLUME
OUTCROP
SUBOUTCROP

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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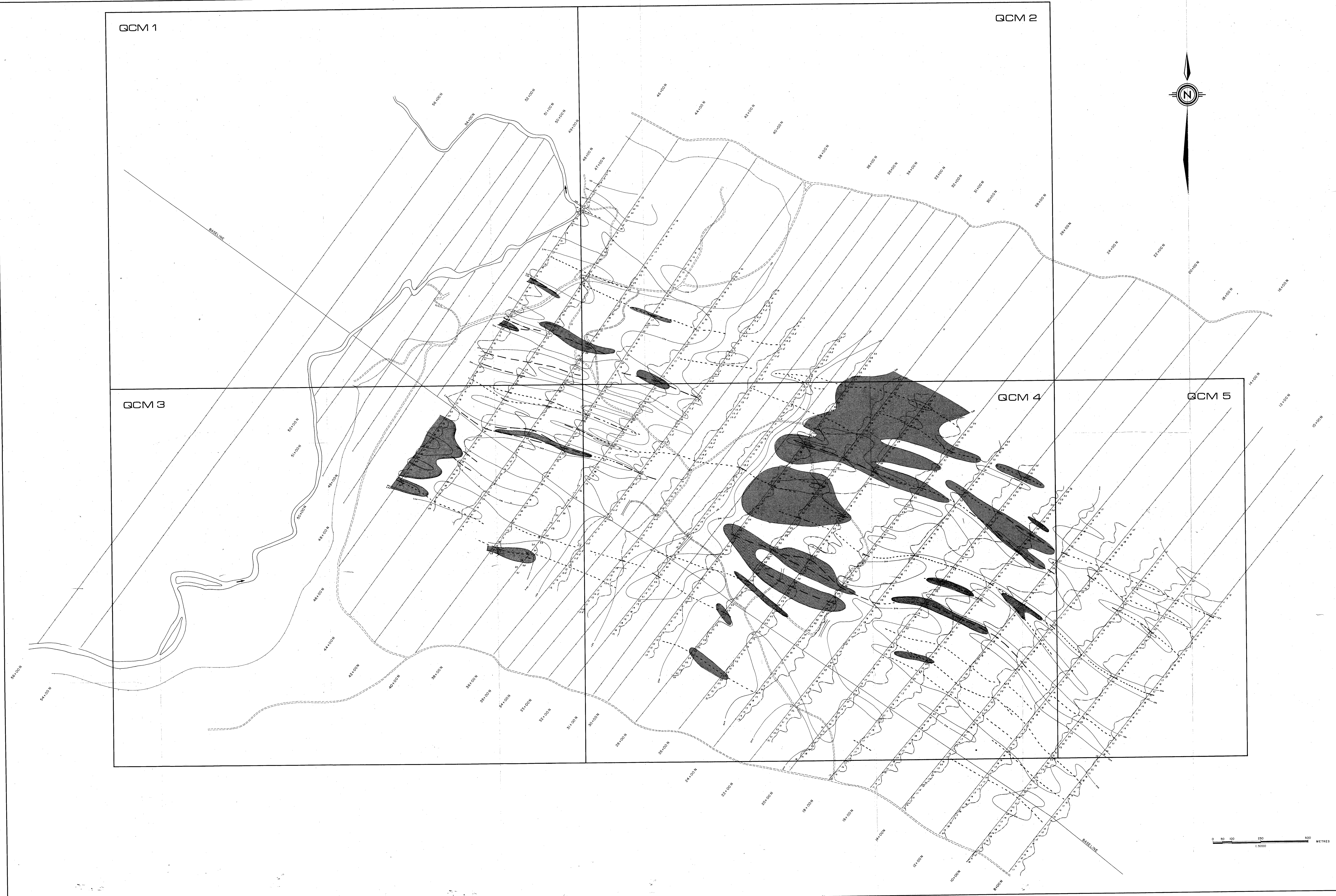
Fig.6

ANACONDA Canada Exploration Ltd.

QCM CLAIM GROUP
HYDROTHERMAL ALTERATION

geology by: M.A.	drawn by: D.M.C.	date: SEPT. 1982
scale: 1:5,000	n.t.s. 93 N / 10 E	drawing no. ___ of ___



LEGEND

VLF-EM (Phoenix VLF-2) Seattle, Wash. (NLK) 24-8 KHz

TILT ANGLE (Left wave crossover)

VLF CONDUCTOR AXIS

WELL DEFINED

POORLY DEFINED

FIELD STRENGTH – CONTOUR INTERVAL 50%

>250%

SYMBOLS

CLAIM BOUNDARY

GRID LINE AND STATION LOCATIONS

ROAD

1982 ANACONDA ROAD

TRENCH

FLUME

GEOLOGICAL BRANCH
ASSESSMENT REPORT

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Figure 21

ANACONDA Canada Exploration Ltd.

QCM CLAIM GROUP
VLF-EM

geology by: M.A.	drawn by: D.M.C.	date: SEPT. 1982
scale: 1:5,000	n.t.s. 93 N / 10 E	drawing no. ___ of ___