SUMMARY GEOLOGICAL & GEOCHEMICAL REPORT

On The MR CLAIM GROUP

Watson Lake Mining District, Meister River Area, Y.T.
NTS: 105-B-1,-8; Latitude 60°17'N; Longitude 130°18'W

OCTOBER 15, 1982

SUMMARY GEOLOGICAL & GEOCHEMICAL REPORT ON THE

MR CLAIM GROUP

Watson Lake Mining District
Meister River Area, Yukon
Latitude 60°17'N; Longitude 130°18'W

FOR

REGIONAL RESOURCES LTD.

Vancouver
British Columbia

BY

M.H. Sanguinetti, P.Eng.
Geologist

- and -

B.A. Youngman, B.Sc.
Geologist

CORDILLERAN ENGINEERING
1418-355 Burrard Street
Vancouver, B.C. V6C 2G8

October 15, 1982

CLAIMS	MR #1-230 inclusive
GRANT NUMBERS	YA66451-66586, YA66587-66600, YA66603-66610, YA66797-66804, YA67385-67450
LOCATION	97 km (60 miles) West of Watson Lake, Yukon Territory, NTS 105B-1,-8
WORK PERIOD	May 20 to September 23, 1982

DEPARTMENT OF INDIAN AFFAIRS AND NORTHERN DEVELOPMENT

YUKON QUARTZ MINING ACT

FORM "C" APPLICATION FOR A CERTIFICATE OF WORK

RECEIVED
MINING RECORDER
WATSON LAKE, Y.T.
I.A. & N.D.

OFFICE DATE STAMP

(This form required in duplicate with sketch showing location of work.)

I (Name)	MICHAEL H. SANGUINETTI, agent for REGIONAL RESOURCES LTD.	Occupation GEOLOGIST
(Postal Address)	1418 - 355 Burrard Street, Vancouver, B.C. V6C 2G8	

MAKE OATH AND SAY, THAT:

1. I am the owner, or agent of the owner, of the mineral claim(s) to which reference is made herein.

2. I have done, or caused to be done, work on the following mineral claim(s):

(Here list claims on which work was actually done by number and name)

MR 1-134 (YA 66451 - 84)
MR 135-136 (YA 66797 - 98)
MR 137-150 (YA66587 - 66600)
MR 151-152 (YA 66799 - 800)
MR 153-160 (YA 66603 - 10)
MR 161-164 (YA 66801 - 04)
MR 165-230 (YA 67385 - YA 67450)

situated at SE of Meister Lake Claim Sheet No. 105 B/1,8

in the Watson Lake Mining District, to the value of at least $74,500.

dollars, since the 20th day of May 1982,

to represent the following mineral claims under the authority of Grouping Certificate No. -

(Here list claims to be renewed in numerical order, by grant number and claim name, showing renewal period requested).

Regional Resources Ltd.

Claim	Grant No.	Renewal Period
MR 1-134	YA 66451-66584	1 year 31 Dec 85
MR 135-136	YA 66797-66798	1 year
MR 137-150	YA 66587-66600	1 year
MR 151-152	YA 66799-66800	1 year
MR 153-160	YA 66603-66610	1 year
MR 161-164	YA 66801-66804	1 year
MR 165-230	YA 67385-67450	3 1/2 years

820' - Renewal is requested for one year each on claims MR #1 to MR #164 to advance the expiry date to December 31st, 1986.

1155' - Renewal is requested for 3 1/2 years on claims MR #165 to MR #230 (inclusive) to common-date and advance these to December 31st, 198

3. The following is a detailed statement of such work: (Set out full particulars of the work done indicating dates work commenced and ended in the twelve months in which such work is required to be done as shown by Section 53.)

Geological mapping and geochemical sampling were conducted between May 20th, 1982 and September 23rd, 1982. Total costs for this work exceed $74,500. Two reports will follow within 60 days.

091419

Sworn before me at VANCOUVER, B.C.

this 15th day of October, 1982.

E. A. Balon
Notary Public

M. H. Sanguinetti
Applicant

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1.0 INTRODUCTION

The MR property, located 97 kilometres (60 miles) west of Watson Lake, Yukon Territory, consists of 230 full-sized claims. Results of an airborne EM-Resistivity-Magnetometer survey led to the original mineral discovery made by Cordilleran Engineering. In July 1981, 164 claims were acquired for Regional Resources Ltd.; an additional 66 claims were staked in October 1981. An initial program of grid preparation, geological mapping and geochemical sampling was conducted on the MR #1-164 claims during 1981. The 1982 program consisted of further grid preparation, geological mapping and geochemical sampling covering the entire property.

The MR claim group covers both subalpine and forested post-glacial terrain of low to moderate relief. Elevations range from 900 to 1400 metres above sea level. Rock exposure is moderate at higher elevations but poor in the lower spruce and pine-covered areas.

The property is situated at latitude 60°17'N and longitude 130°18'W, about 14 kilometres (9 miles) north of Mile Post 690 on the Alaska Highway. A cat road terminating at the headwaters of Spencer Creek provides access to within

10 kilometres (6.3 miles). A primarily subalpine, ridge-top route could be selected to connect this existing bulldozer road with the MR claims.

Significant Zn, Pb, Ag mineralization has been discovered at two locations within the property. In the East Zone Zn-Pb-Ag mineralization of an apparent stratiform nature was located by surface trenching. Selected grab samples have assayed up to 52% Pb and 8.46 oz/ton Ag. In the West Zone grab samples of manganiferous limonite from gossaneous kill zones have yielded assays of: zinc 41.93 and 34.37%; lead 0.08 and 0.06% and silver 5.18 and 4.87 oz/ton. Trenches located 500m (1,650') along strike to the west have yielded similar material assaying: zinc 40.50 and 34.25%; lead 0.17 and 0.62%; silver 1.50 and 6.07 oz/ton. Soil samples collected from this vicinity have returned values up to 12,490 ppm Zn, 2360 ppm Pb and 19.0 ppm Ag. In addition, a pronounced hydrozincite spring has been located a further 700 metres (2,300') along strike to the west. Airborne electromagnetic and resistivity surveys, geochemical soil sampling, and geological mapping have all indicated that this same mineralized horizon may be traceable for a strike length in excess of 3000 metres (9,900').

In addition to the above mineralized occurrences, the South Zone, a large (2000m x 1500m) multi-element (Zn-Pb-Ag) geochemical anomaly in the southeast part of the property, is defined by soil results up to 2,290 ppm Zn, 1,105 ppm Pb and 9.8 ppm Ag.

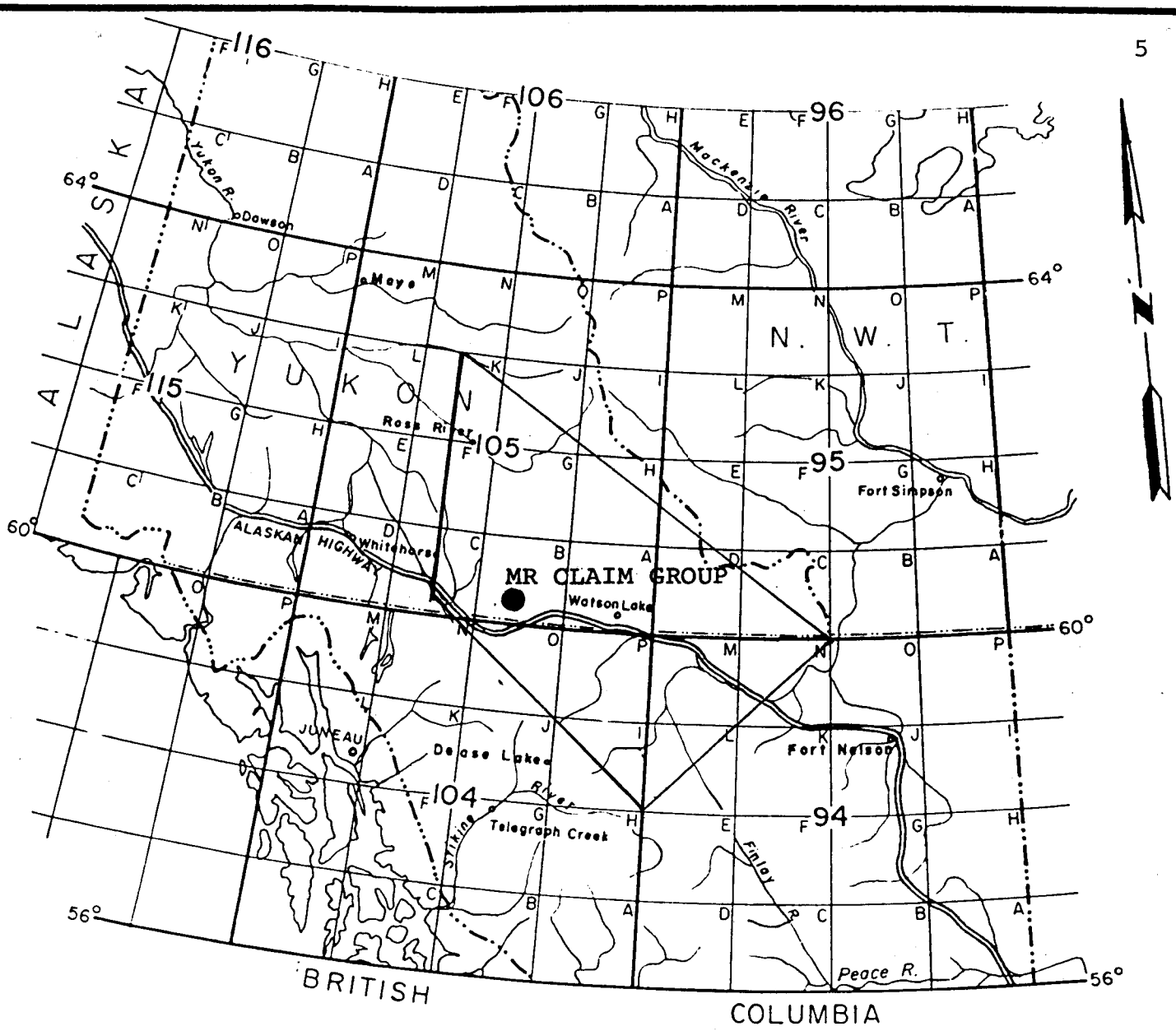
In all cases, known mineralization and geochemical anomalies are hosted within graphitic, locally calcareous phyllites of Lower Cambrian age. Airborne electromagnetic and resistivity anomalies have traced this host phyllite unit for

over 13 kilometres (8 miles) of strike length, further highlighting the excellent potential for locating economic mineralization on this property. Further work is strongly recommended.

2.0 LOCATION AND ACCESS

The MR claim group is located immediately southeast of Meister Lake at latitude 60°17' north and longitude 130°18' west (Figure 1). It lies 14 kilometres (9 miles) from Mile Post 690 on the Alaska Highway. A cat road terminating at the headwaters of Spencer Creek provides access to within 10 kilometres (6.3 miles). A primarily subalpine, ridge-top route could be selected to connect this existing road with the MR property.

Access during 1982 was by helicopter to three fly camps on the property.



REGIONAL RESOURCES LTD.

LOCATION MAP

MR CLAIM GROUP

Watson Lake Mining District, Y.T.

SCALE: 1"=125 MILES

BY

CORDILLERAN ENGINEERING LIMITED
1418 - 355 BURRARD STREET
VANCOUVER, B.C. V6C 2G8

October, 1982

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
M. H. SANGUINETTI

FIGURE 1

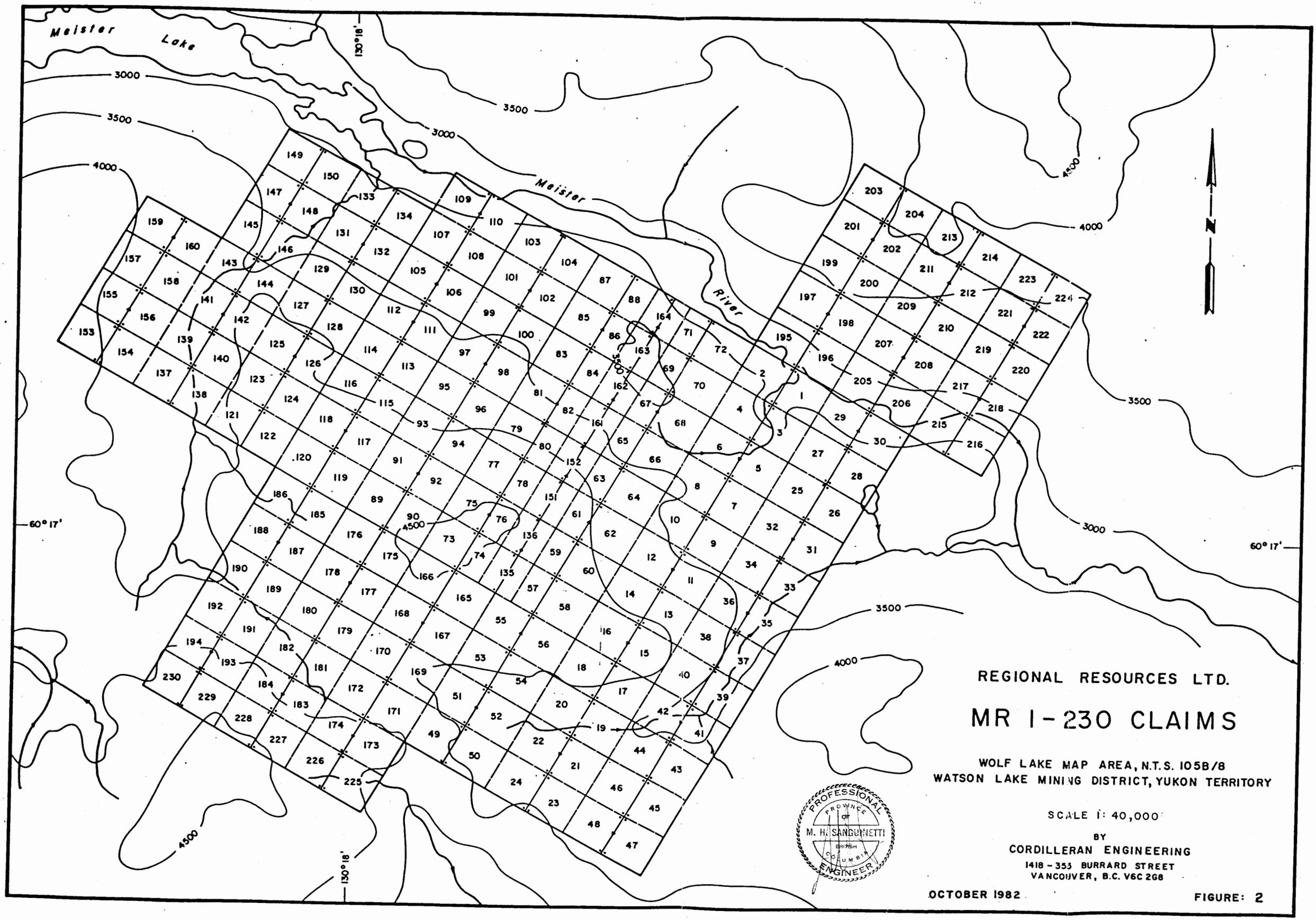
3.0 PROPERTY

The MR claim group consists of 230 full-sized mineral claims in the Watson Lake Mining District (Figure 2). Title to the claims is held by Regional Resources Ltd. Grant numbers and current expiry dates are as follows:

TABLE I CLAIM DATA

CLAIM NAME	GRANT NUMBER (s)	EXPIRY DATE (s)
MR 1-134	YA 66451 - YA 66584	Dec. 31, 1985
MR 135-136	YA 66797 - YA 66798	Dec. 31, 1985
MR 137-150	YA 66587 - YA 66600	Dec. 31, 1985
MR 151-152	YA 66799 - YA 66800	Dec. 31, 1985
MR 153-160	YA 66603 - YA 66610	Dec. 31, 1985
MR 161-164	YA 66801 - YA 66804	Dec. 31, 1985
MR 165-230	YA 67385 - YA 67450	Oct. 23, 1982

During the 1982 field season, geological and geochemical exploration was conducted over the entire property; this work has been applied for assessment.


Meister Lake
Meister River
130° 18'
60° 17'
3000
3500
4000
4500
N
REGIONAL RESOURCES LTD.
MR 1-230 CLAIMS
WOLF LAKE MAP AREA, N.T.S. 105B/8
WATSON LAKE MINING DISTRICT, YUKON TERRITORY
SCALE 1: 40,000
BY
CORDILLERAN ENGINEERING
1418 - 355 BURRARD STREET
VANCOUVER, B.C. V6C 2G8
OCTOBER 1982
FIGURE: 2
PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
M. H. SANGUINETTI

4.0 OPERATIONS

The 1982 field program on the MR claim group was designed to expand the existing (1981) geological and geochemical surveys over the airborne geophysical anomalies. This work was started on May 31, 1982 and completed by June 26. Additional followup sampling of geochemical anomalies was completed by September 10. Deep snow cover and localized flooding hampered the program during the first two weeks. The 1982 program comprised:

GRID PREPARATION:

Baseline: 7.6 kilometres of baselines were cut, secant chained and picketed by contract crews. (C.R. Eastman)

Crosslines: Approximately 66 kilometres of crosslines were secant chained and flagged. Stations were marked at 50 metre intervals on lines established at 200 metre spacing.

GEOCHEMISTRY: A total of 1,475 soil samples were collected at 50 metre intervals along baselines and crosslines during the initial and the followup stages of the program; 39 stream sediment and 7 rock geochemical samples were collected at irregular intervals on the grid.

OPERATIONS (cont'd)

GEOLOGICAL MAPPING: The entire property was mapped at a 1:10,000 scale using an enlarged airphoto mosaic for a base.

TRENCHING: Four test pits were dug at geochemically anomalous soil sites along the trend of the limonitic gossan of the West Zone. Samples of mineralized material were submitted for assay.

5.0 GEOLOGY

(PLATE I)

The MR property is located in metamorphosed autochthonous strata of the Omenica Crystalline Belt at the northern extremity of the Cassiar Mountains. Here, uppermost Precambrian to Lower Cambrian miogeoclinal sediments deposited on the western margin of the North American Craton are exposed in a series of southeast-plunging folds. A Cretaceous quartz-monzonite stock intrudes these sediments approximately 1.6 kilometres (1.0 mile) north of the claim group. Pleistocene to Recent glacial activity has resulted in extensive till cover at lower elevations. Mineralization at the MR property is hosted by graphitic, locally calcareous phyllites of Lower Cambrian age.

GEOLOGY (cont'd)

5.1 STRATIGRAPHY

(Figure 3)

Present mapping has recognized four principal geological units* on the MR property:

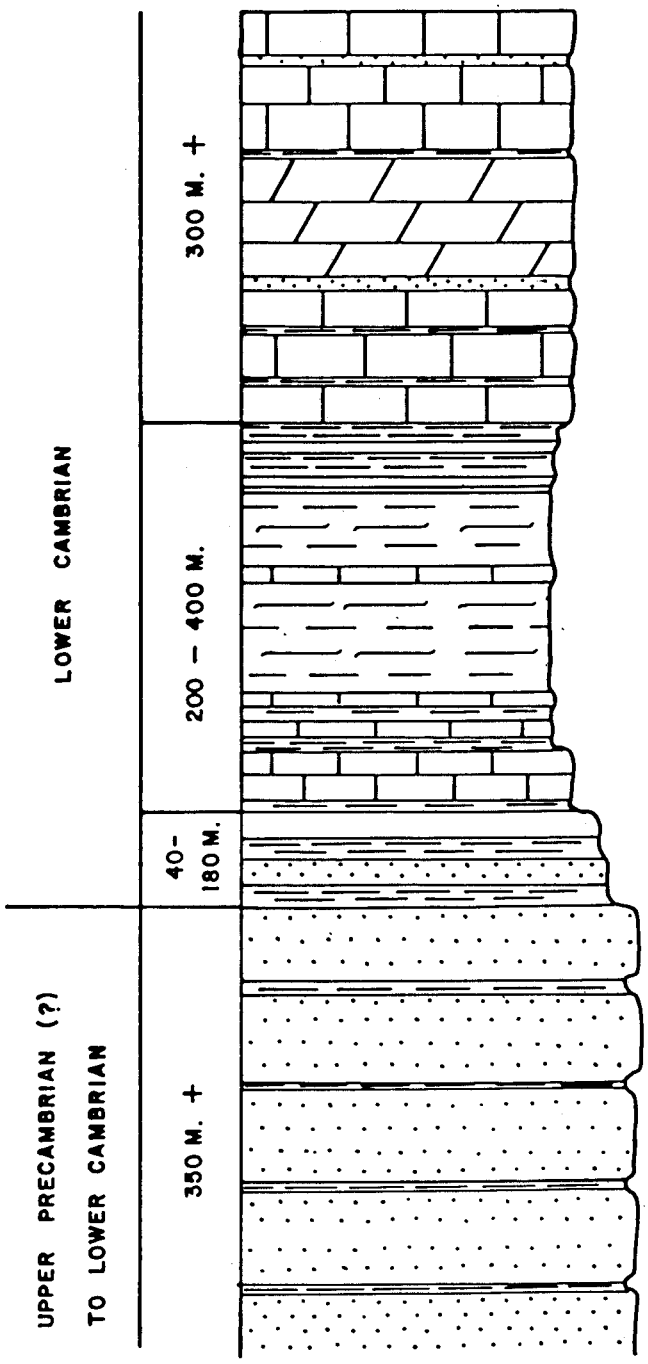
LATE PROTEROZOIC and/or LOWER CAMBRIAN

Unit $\ell\epsilon_1$ Quartzite

The dominant lithology of this unit is light grey to brown weathering, thick-bedded to massive, well-sorted, "clean" white quartzite. Thin interbeds of phyllite and quartz-mica schist are common. In addition, rusty-weathering, micaceous, "dirty" quartzite is locally present. Remnant graded bedding is preserved in isolated exposures. In many areas, mariposite (?) occurs as disseminated flakes and a bright green "stain" on fracture planes.

This relatively clean orthoquartzite appears to be correlative to the upper part of the Late Proterozoic to Lower Cambrian "Grit Unit" or Windermere Supergroup exposed throughout much of the Yukon and northeastern B.C. In excess of 350 meters of this resistant, cliff-forming unit is exposed on the MR claims.

* Specimens were selected for petrographic examination; summary descriptions are noted in Appendix "E".



Unit $\ell\mathcal{C}_4$

Atan Group: Limestone, Dolostone and Marble.

Platy to blocky limestone and buff weathering dolostone. Coarsely crystalline facies common. Frequent phyllite laminae. Local thin calcarenite beds.

Unit $\ell\mathcal{C}_3$

Phyllite, Limestone/ Marble, Schist.

Well foliated, graphitic phyllite, locally calcareous, silty and/or sericitic, interbedded to interlaminated with white to light gray limestone and/or marble. Minor calc-schist and quartz biotite schist. Hosts Zn-Pb-Ag mineralization.

Unit $\ell\mathcal{C}_2$

Quartzite and Phyllite.

Transitional unit: micaceous, "dirty" quartzite interbedded to interlaminated with pale green to black, silty phyllite. Local quartz-mica schist.

Unit $P\ell\mathcal{C}_1$

Windermere Super-Group ("Grit Unit"): Quartzite.

Thick bedded, "clean", white quartzite. Minor thin interbeds of phyllite and quartz-mica schist. Local graded bedding.

MR CLAIM GROUP

STRATIGRAPHIC SECTION

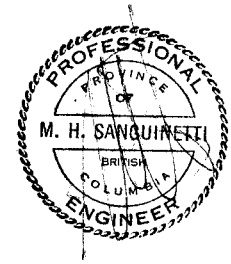


FIGURE 3

GEOLOGY (cont'd)

LOWER CAMBRIAN

Unit $\ell\epsilon_2$: Quartzite and Phyllite

A gradational change in lithology from the underlying coarse-grained psammitic rocks of unit $P\ell\epsilon_1$ to the overlying fine-grained pelitic rocks of unit $\ell\epsilon_3$ is represented by this transitional unit. Rusty weathering, micaceous, "dirty" quartzite to siliceous sandstone interbedded to interlaminated with pale green to black, silty phyllite comprises the majority of this unit. In addition, local quartz-mica schist was observed. This intermediate unit was found to vary from 40 to 180 meters in thickness on the MR property.

LOWER CAMBRIAN

Unit $\ell\epsilon_3$: Phyllite, Limestone/Marble, Schist

This relatively recessive unit hosts Zn-Pb-Ag mineralization on the MR property. A variety of rapidly alternating lithologies are present. The most common member is reddish-brown to silvery grey weathering, well foliated, graphitic phyllite. Calcareous or silty varieties of this pelitic rock are frequently encountered. In addition, horizons of quartz-biotite schist and calc-schist are locally exposed.

The second prominent component of this unit is platy to blocky, white to light grey limestone and/or marble. Within this carbonate member, frequent phyllite laminae and local silty horizons are present. In many exposures, finely-crystalline light grey limestone is rhythmically interlaminated with graphitic, locally quartzoze phyllite.

Disseminated, nodular and laminated pyrite, or limonitic remnants after pyrite, are frequently present within both phyllite and carbonate strata. In addition, exposures of sericitic pelites are common. This sericitic alteration may have resulted from hydrothermal processes associated with the emplacement of Zn-Pb-Ag mineralization.

Both upper and lower contacts appear to be gradational. Thickness of this unit is estimated to vary from 200 to 400 meters.

GEOLOGY (cont'd)

LOWER CAMBRIAN

Unit $\ell\epsilon_4$: Limestone, Dolostone and Marble

This carbonate unit can be subdivided into two members. The most prominent component is grey-brown weathering, platy to blocky, white to light grey limestone. Also present is buff weathering, blocky to massive, light grey to brown dolostone. In both members, frequent silvery-grey to black phyllitic laminae and local calcarenite horizons were observed. In addition, coarsely crystalline varieties of both limestone and dolostone are common. These recrystallized facies grade laterally and vertically into micro-crystalline carbonate and do not appear to be restricted to one specific horizon or location on the property.

This upper unit is probably equivalent to the Lower Cambrian Atan Group exposed in northern B.C. The contact with the underlying phyllite and limestone/marble (unit $\ell\epsilon_3$) is gradational. In excess of 300 meters of $\ell\epsilon_4$ is exposed on the MR property.

GEOLOGY (cont'd)

5.2 STRUCTURE

Meta-sediments exposed on the MR property have undergone at least two major stages of deformation. Fine-grained phyllitic rocks of Unit $\ell\mathcal{C}_3$ display a pronounced schistosity (S1) marked by parallel alignment of recrystallized micaceous minerals. This earliest deformation is probably related to burial metamorphism, as the resulting foliation appears to parallel primary compositional layering or bedding (So). Within these pelites, a second strong deformation has produced a tight crenulation folding of the initial schistosity (S1) accompanied by the formation of a prominent axial plane cleavage (S_2). This pervasive feature, defined by a parallel alignment of recrystallized micas and remobilized graphite, locally obliterates or transposes the earlier formed schistosity (S_1). In addition, there are local, poorly developed indications of at least one later deformational event.

The various lithologies present on the MR property display significantly different responses to these deformational processes. While the micaceous pelites (Unit $\ell\mathcal{C}_3$) exhibit a prominent S1 schistosity, this feature is only poorly-developed in other units with a low proportion of micaceous minerals. While all strata have been strongly affected by the second deformational episode, the scale of the resultant folding differs substantially. The relatively competent basal quartzite (Unit $P\ell\mathcal{C}_1$) has been folded into a series of broad (kilometre-scale), assymetrical, southeast-

GEOLOGY (cont'd)

plunging anticlines and synclines. In contrast, the relatively incompetent fine-grained phyllitic rocks (Unit $\ell\epsilon_3$) display a tight, millimetre to centimetre-scale crenulation folding. The overlying carbonate rocks (Unit $\ell\epsilon_4$) have reacted in an intermediate manner, yielding meter-scale folds of a similar orientation. Field measurements indicate that the average fold axis trends towards 165 degrees and plunges at 25 degrees. The accompanying axial plane cleavage (S2) was found to dip moderately to the east.

A series of steeply dipping to vertical faults which intersect in the central area of the MR claims have combined to elevate the favourable stratigraphy (Unit $\ell\epsilon_3$) to surface exposure in the southern portion of the property. Without such movement, this phyllitic unit would have remained buried, due to the prominent southeasterly plunge of the folded strata.

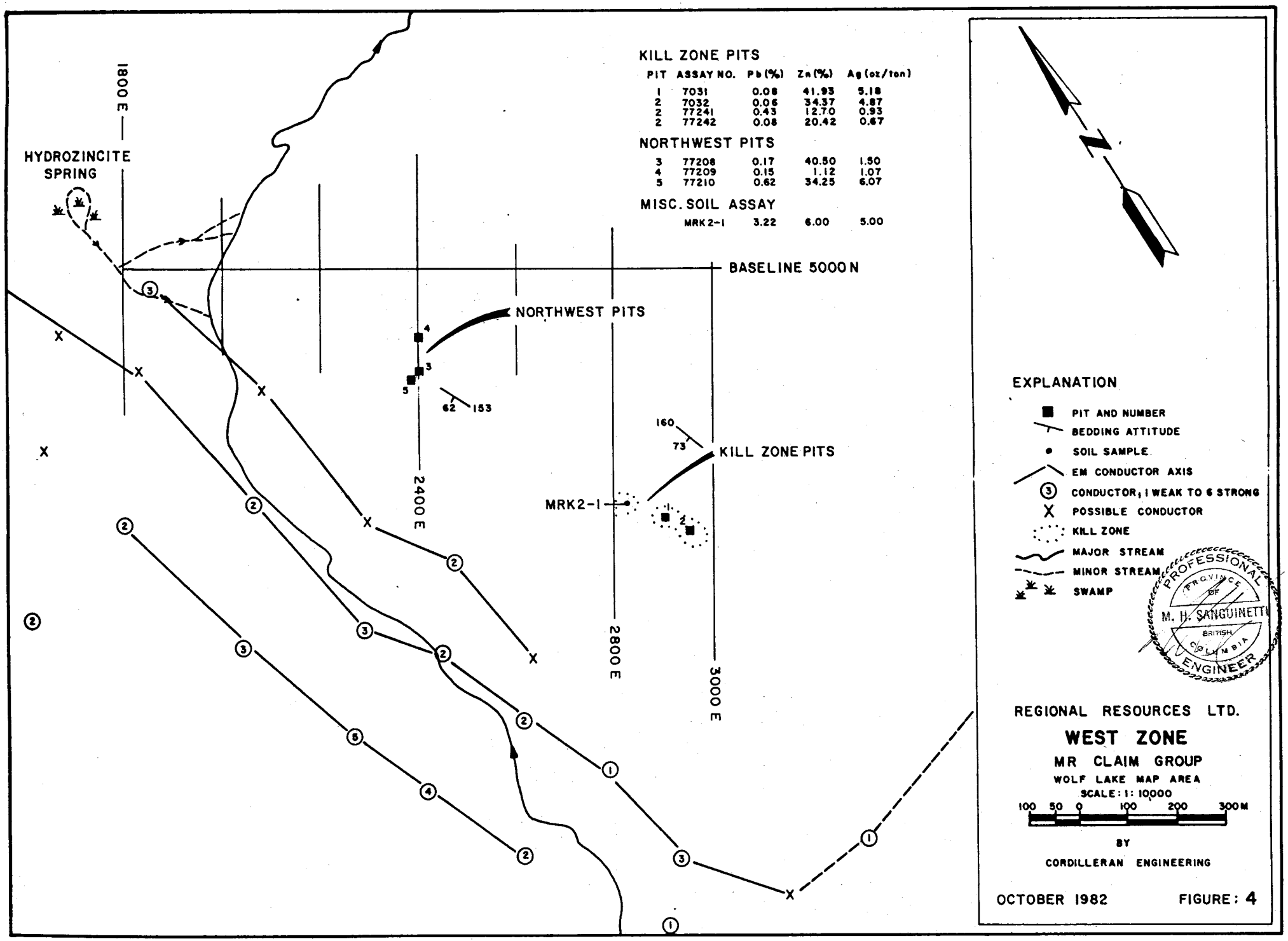
6.0 MINERALIZATION

To date, mineralization has been discovered at two locations on the MR property:

WEST ZONE (Figure 4):

Highly oxidized Zn-Pb-Ag mineralization has been located within three prominent gossanous "kill zones" or poison patches. Altogether, these vegetation-depleted zones measure in excess of 2,000 square metres. A soil sample from the northwest kill zone assayed: 3.22% Pb, 6.00% Zn and 5.00 oz/ton Ag. (MRK2-1). Selected grab samples of botryoidal, manganiferous limonite collected from this area have assayed: zinc 41.93% and 34.37%; lead 0.08% and 0.06%; silver 5.18 oz/ton and 4.87 oz/ton (#7031-2). Surface trenching ("Kill Zone Pits") has exposed this mineralization in a vaguely-banded horizon (?) measuring in excess of 2.5 metres in thickness. Bedding attitudes collected from adjacent exposures of phyllite and marble (Unit $\ell\ell_3$) are of a similar orientation, suggesting that this amorphous,* limonitic mineralization may be the weathered remnants of a stratiform sulphide horizon. Alternately, mineralization may have precipitated in a fault zone coinciding with a vague lineament extending through the kill zones to a hydrozincite spring located over 1,200 metres to the northwest.

* determined by X-ray diffraction.


KILL ZONE PITS
PIT ASSAY NO. Pb(%) Zn(%) Ag(oz/ton)
1 7031 0.08 41.93 5.18
2 7032 0.06 34.37 4.87
2 77241 0.43 12.70 0.93
2 77242 0.08 20.42 0.67
NORTHWEST PITS
3 77208 0.17 40.50 1.50
4 77209 0.15 1.12 1.07
5 77210 0.62 34.25 6.07
MISC. SOIL ASSAY
MRK2-1 3.22 6.00 5.00
1800 E
2400 E
2800 E
3000 E
BASELINE 5000 N
HYDROZINCITE SPRING
NORTHWEST PITS
KILL ZONE PITS
MRK2-1
62
153
160
73
EXPLANATION
PIT AND NUMBER
BEDDING ATTITUDE
SOIL SAMPLE
EM CONDUCTOR AXIS
CONDUCTOR; 1 WEAK TO 6 STRONG
POSSIBLE CONDUCTOR
KILL ZONE
MAJOR STREAM
MINOR STREAM
SWAMP
PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
M. H. SANGUINETTI
REGIONAL RESOURCES LTD.
WEST ZONE
MR CLAIM GROUP
WOLF LAKE MAP AREA
SCALE: 1: 10000
100 50 0 100 200 300M
BY
CORDILLERAN ENGINEERING
OCTOBER 1982
FIGURE: 4

MINERALIZATION (cont'd)

A second series of trenches (Northwest Pits) were excavated 500 metres along strike to the northwest in an area of very strong soil geochemistry (values to 12,490 ppm Zn, 2,360 ppm Pb, 19.0 ppm Ag). Mineralized float collected from these trenches consists of vuggy, botryoidal, white hemimorphite* precipitated onto a limonitic core. Selected grab samples of this material have assayed: zinc 40.50% and 34.25%; lead 0.17% and 0.62%; silver 1.50 oz/ton and 6.07 oz/ton (#77208/#77210). While the trenches did not expose bedrock, the relative abundance of this Zn-Ag rich float suggests that a mineralized source is nearby.

EAST ZONE (Figure 5; Table II):

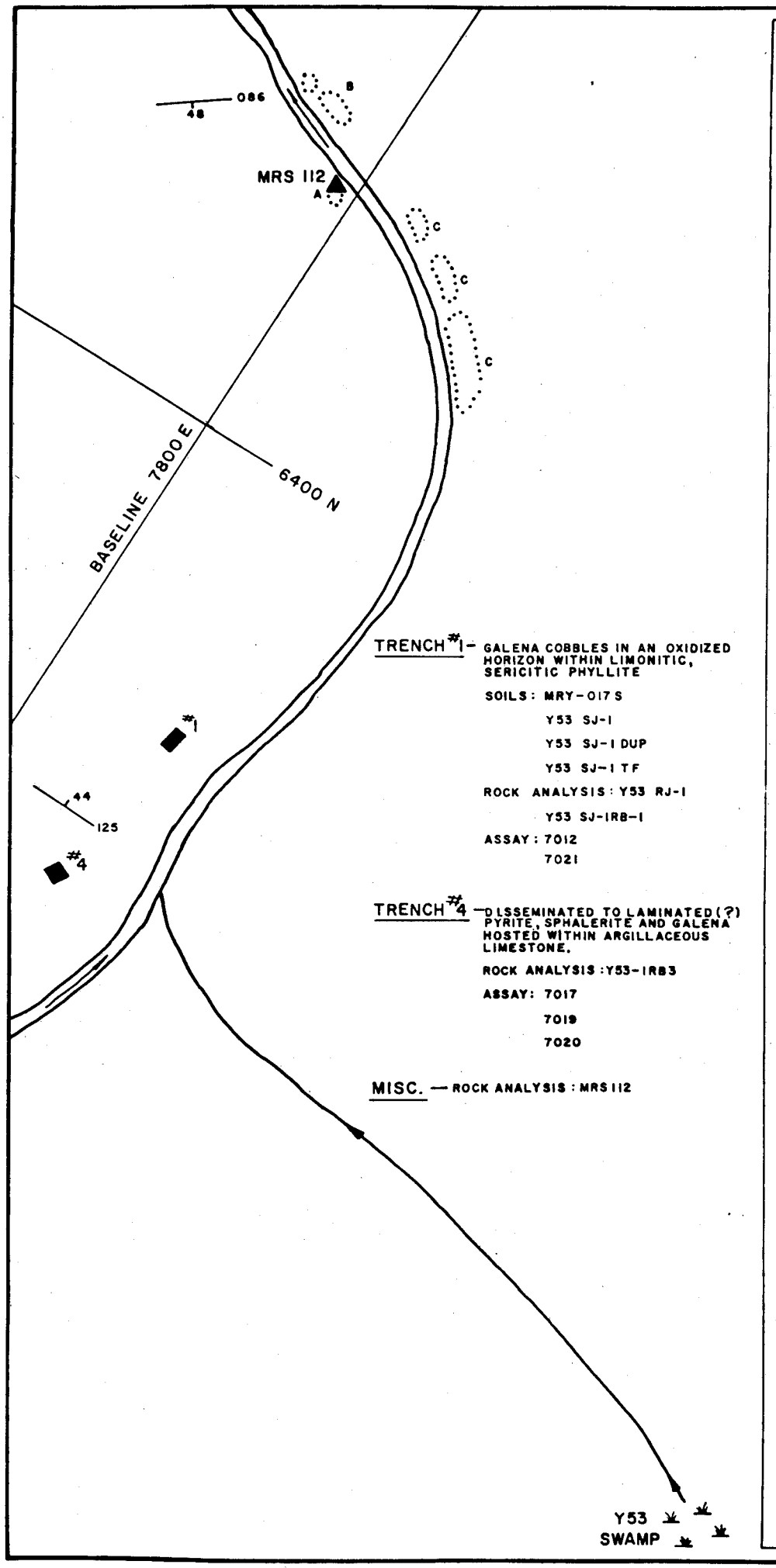
Trenching in an area of strong soil geochemistry (values to 1,600 ppm Zn, 3,700 ppm Pb; 2.3 ppm Ag) has revealed Pb-Zn-Ag mineralization of an apparent stratiform nature.

Small cobbles of galena, assaying 52% Pb and 8.46 oz/ton Ag (#7021), have been located in an oxidized horizon within limonitic, sericitic phyllites. Approximately 50 metres southwest, trenching has revealed disseminated to laminated (?) pyrite, sphalerite and galena hosted within argillaceous limestone. Selected grab samples of this material assay up to 5.35% Zn, 0.44% Pb and 0.29 oz/ton Ag (#7019).

FLOAT OCCURRENCES

In addition to the above in-situ occurrences, mineralized float has been detected at several locations on the property. Near the West Zone, northeastly directed glacial

* determined by X-ray diffraction.



TRENCH #1 – GALENA COBBLES IN AN OXIDIZED HORIZON WITHIN LIMONITIC, SERICITIC PHYLLITE

SOILS: MRY-017 S
Y53 SJ-1
Y53 SJ-1 DUP
Y53 SJ-1 TF

ROCK ANALYSIS: Y53 RJ-1
Y53 SJ-1RB-1

ASSAY: 7012
7021

TRENCH #4 – DISSEMINATED TO LAMINATED (?) PYRITE, SPHALERITE AND GALENA HOSTED WITHIN ARGILLACEOUS LIMESTONE.

ROCK ANALYSIS: Y53-1RB3

ASSAY: 7017
7019
7020

MISC. – ROCK ANALYSIS: MRS 112

EXPLANATION

- PIT OR TRENCH AND NUMBER
- BEDDING ATTITUDE
- ROCK SAMPLE
- A OUTCROP AND ROCK DESCRIPTION
  - A - GRAPHITIC BLACK PHYLLITE
  - B - LIMONITIC GREEN-GREY PHYLLITE
  - C - SILVERY GREY WEATHERING LOCALLY CALCAREOUS PHYLLITE
- MAJOR STREAM
- MINOR STREAM
- SWAMP

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
M. H. SANGUINETTI

REGIONAL RESOURCES LTD.

EAST ZONE

MR CLAIM GROUP

WOLF LAKE MAP AREA

SCALE: 1:2000

30 20 10 0 25 50 M

BY
CORDILLERAN ENGINEERING

OCTOBER 1982 FIGURE: 5

TABLE II

EAST ZONE ANALYTICAL AND ASSAY RESULTS

LOCATION	TYPE	NUMBER	Zn (ppm)	Pb (ppm)	Ag (ppm)	Au (ppb)	Cu (ppm)	Ba (ppm)
Trench #1	Soil	Y53 SJ-1	1600	2100	0.2	-	30	-
"	"	Y53 SJ-1 DUP	1470	3700	0.2	-	36	-
"	"	Y53 SJ-1 TF	460	2400	0.2	-	26	-
"	"	MRY-017S	236	141	2.3	15	42	800
"	Rock-Grab	Y53 RJ-1	1490	440	0.2	-	100	-
"	"	Y53 SJ-1RB-1	565	24	7.4	45	740	-
"	"	7012	0.18*	0.15*	.09*	<0.002*	.03*	-
"	"	7021	0.23*	52.0*	8.46*	0.006*	.01*	-
Trench #4	"	Y53-1RB-3	12	94	0.2	140	62	-
"	"	7017	3.39*	0.52*	0.13*	0.005*	<0.01*	-
"	"	7019	5.35*	0.44*	0.29*	0.002*	0.01*	-
"	"	7020	0.17*	0.05*	0.06*	<0.002*	<0.01*	-
North of Pits	"	MRS 112	400	1320	0.4	-	-	4500

* Assay result in % (Zn, Pb, Cu) or oz/t (Ag, Au).

MINERALIZATION (cont'd)

activity has transported pebbles and cobbles of limonitic mineralization for at least 500 metres from their apparent source horizon. On the northeast side of the Meister River, cobbles of highly-oxidized pyritic limonite (MRY-009R, assaying 3.60 oz/ton Ag) have been located. While the abundance of rounded granitic float in the vicinity suggests glacial transport (from the West Zone?), this float mineralization may have originated from underlying graphitic phyllites.

7.0 GEOCHEMISTRY

(PLATES 2-4 and 6)

Soil sampling was carried out over portions of the MR 1 to 164 claims not sampled during the 1981 season and over the MR 165 to 230 claims. An initial 1454* soil samples, 39 stream sediment and 7 rock chip samples were collected in June. Extension of grid lines during followup accounted for a further 194 soil and 5 rock samples. Combined with the 1981 sampling, totals of 2,672 soil, 71 stream sediment and 12 rock chip samples have been collected on the MR property. The results of all samples above a significant base value have been plotted on Plates 2 to 4.

Soil samples were collected from the B horizon, stream sediments were taken from the active part of the channels and rock chips were cut from fresh material whenever possible. Each site was marked with flagging. Samples were placed in kraft envelopes and marked with a number corresponding to the sample site. Notes referring to depth, soil type, colour, texture, drainage, slope, stream dimensions and rock type were recorded at each site. Soil and sediment samples were dried and sieved (to -80 mesh) at base camp, then shipped to Bondar Clegg and Company Ltd.'s laboratory in North Vancouver for analysis.

* 1,475 samples were collected but 21 were destroyed by wildlife.

GEOCHEMISTRY (cont'd)

Rock samples were shipped untreated. Soils and sediments were analyzed for Ag, Pb and Zn; rocks were analyzed for Ag, Pb, Zn, Cu, Ba and Au. Copper, lead, zinc and silver were analyzed for by atomic absorption method after hot HNO_3-$HC\ell$ extraction. Gold was analyzed for by fire assay atomic absorption after aqua regia extraction; barium as analyzed by X-ray fluorescence.

The 1981 soil samples had also been analyzed for copper and barium, however, these results were not diagnostic (Verley and Sanguinetti, 1981). It was, therefore, decided not to analyze the 1982 samples for these two elements.

Selection of threshold values through a statistical treatment (Appendix B) of combined 1981 and 1982 soil geochemical results has yielded the following categories:

TABLE III — STATISTICAL CATEGORIES

	Pb (ppm)	Zn (ppm)	Ag (ppm)
"Background"	0-200	0-750	0-1.09
"Weakly Anomalous"	201-265	751-970	1.10-1.39
"Moderately Anomalous"	266-290	971-1800	1.40-1.99
"Anomalous"	291-1050	1801-4800	2.00-11.99
"Strongly Anomalous"	>1050	>4800	>11.99

Geochemical results indicate the presence of two prominent soil anomalies on the MR claims. At the West Zone, a multielement (Zn, Pb, Ag) soil anomaly, measuring approximately 1.0 X 1.2 kilometres, coincides with known surface mineralization. Strongly anomalous samples (values to 12,490 ppm Zn, 2,360 ppm Pb, 19.0 ppm Ag)* suggest a minimum strike

* A soil collected from the northwest Kill Zone assayed: 6.00% Zn, 3.22% Pb and 5.00 oz/ton Ag (MRK2-1, Figure 4).

GEOCHEMISTRY (cont'd)

length in excess of 850 metres for this stratiform (?) mineralization; discontinuous, multi-element anomalies extend this trend to over 2.5 kilometres. Northeasterly-directed glacial movement has resulted in extensive uphill transport of mineralized float. As a consequence, a second conspicuous geochemical trend, oriented approximately perpendicular to the strike of the mineralized horizon, is apparent in the West Zone.

The second large area of strong soil geochemistry, the South Zone, measures approximately 2.0 X 1.5 kilometres. Analytical values of up to 2,290 ppm Zn, 1,105 ppm Pb and 9.8 ppm Ag have been returned from soils collected in this vicinity.

In addition to these extensive areas of high soil geochemistry, scattered Zn-Pb-Ag anomalies are located within the favourable phyllite strata (Unit ℓe_3). In isolated instances, anomalous geochemical results were obtained from soils overlying the upper carbonate unit (ℓe_4).

8.0 GEOPHYSICS

(Plates 5 and 6)

A Dighem II airborne survey of 282 line-km flown over the MR property in May, 1981 utilized electromagnetic, resistivity and magnetic techniques.

A comparison of the results of this work with the geology generally confirms the extent of the Lower Cambrian phyllitic unit ($\ell\mathcal{C}_3$) and the plunging anticlinal structures. Indicated conductive anomalies and axes may represent graphitic zones or sulphide-rich horizons. Further investigation is warranted.

9.0 SUMMARY AND CONCLUSIONS

The MR property consists of 230 full-sized claims in the Watson Lake Mining District (NTS: 105-B-1,8), 97 kilometres (60 miles) west of Watson Lake, Yukon Territory. Initial staking (MR 1-164) was undertaken in July and August, 1981 with subsequent staking of the MR 165-230 claims completed in October 1981. All claims were acquired by Cordilleran Engineering for Regional Resources Ltd.

The MR property covers both subalpine and forested terrain. Relief is low to moderate, with rolling hills throughout much of the property. Rock exposure is moderate in higher elevations but poor in the lower spruce and pine-covered terrain. The property lies 14 kilometres (9 miles) from Mile Post 690 on the Alaska Highway. A cat road terminating at the headwaters of Spencer Creek provides access to within 10 kilometres (6.3 miles) of the West Showing. A primarily subalpine, ridge-top route could be selected to connect this existing bulldozer road with the MR property.

Work conducted on the property to date includes geological mapping, geochemical soil sampling, prospecting, line cutting [54.8 kms. (34.5 mi.)] and trenching. Airborne electromagnetic, resistivity and magnetometer surveys (Dighem II) have been completed.

SUMMARY and CONCLUSIONS (cont'd)

Significant Zn, Pb, Ag mineralization has been discovered at two locations within the property. In the north-east area (East Zone), Zn-Pb-Ag mineralization of an apparent stratiform nature was located within an oxidized horizon exposed by surface trenching. Selected grab samples of this material have assayed up to 52% Pb and 8.46 oz/ton Ag. On the west side of the property (West Zone), selected grab samples of manganiferous limonite from trenches dug across gossanous kill zones have yielded assays of: zinc 41.93 and 34.37%; lead 0.08 and 0.06% and silver 5.18 and 4.87 oz/ton. A soil sample collected from the northwest kill zone assayed: 6.00% Zn, 3.22% Pb and 5.00 oz/ton Ag. Trenches located in excess of 500m (1,650') along strike to the west (Northwest Pits) have yielded float mineralization assaying: zinc 40.50 and 34.25%; lead 0.17 and 0.62%; silver 1.50 and 6.07 oz/ton. Soil samples collected from this vicinity have recorded values up to 12,900 ppm Zn, 2,360 ppm Pb and 19.0 ppm Ag. In addition, a pronounced hydrozincite spring has been located a further 700 metres (2,300') along strike to the west. Airborne electromagnetic and resistivity surveys, geochemical soil sampling, and geological mapping have all indicated that this same mineralized horizon may be traceable for a minimum strike length in excess of 3000 metres (9,900').

In addition to the above mineralized occurrences, a large (2000m x 1500m) multi-element (Zn-Pb-Ag) soil anomaly is found in the southeast part of the property (South Zone). Geochemical results up to 2290 ppm Zn, 1105 ppm Pb and 9.8 ppm Ag have been recorded from samples in this vicinity.

SUMMARY and CONCLUSIONS (cont'd)

In all cases, known mineralization and geochemical anomalies are hosted within graphitic, locally calcareous phyllites of Lower Cambrian age. Airborne electromagnetic and resistivity anomalies have traced this host phyllite unit for over 13 kilometres (8 miles) of strike length, further highlighting the excellent potential for locating economic mineralization on this property.

A direct comparison can be made between the MR property and the Faro Zn-Pb-Ag district in central Yukon Territory. In both cases, mineralization is hosted within graphitic, locally calcareous and/or silty phyllites of Lower Cambrian age. In addition, similarities in sericitic alteration envelopes and deformation history are indicated by present work.

The favourable age and geological setting at the MR property further enhance the high probability of locating economic massive sulphide deposits on the property.

Continued exploration in the form of ground geophysics and diamond drilling is strongly recommended to further evaluate the West, East and South Zones on the MR property.

Respectfully submitted

CORDILLERAN ENGINEERING

M.H. Sanguinetti, P.Eng.
Geologist

B.A. Youngman, B.Sc.,
Geologist

MHS;BAY/b
Vancouver, B.C.
November, 1982

APPENDIX "A"

CANADA)
) In the matter of a geological and
) geochemical report on behalf of
) REGIONAL RESOURCES LTD.
TO WIT:)

I, Michael H. Sanguinetti, agent for Regional Resources Ltd.

of 1418 - 355 Burrard Street, Vancouver, B.C. V6C 2G8

do solemnly declare, -

that geological mapping, grid preparation, and geochemical sampling (soil, rock) were conducted on the MR #1-230 (inclusive) mineral claims, Watson Lake Mining District, Yukon Territory, during the period May 20th to September 23rd, 1982. Expenditures for this work include:

Salaries	$19,297.28
Professional Services, geological consulting	10,762.50
Management fee	14,079.51
Assays and analyses	6,856.00
Helicopter (Northern Mountain contract)	10,651.50
Linecutting-baseline (C.R. Eastman contract)	3,154.00
Fuel (gas, oil, propane, JP4)	1,682.61
Equipment, supplies, lumber	4,224.73
Freight, sample shipment, delivery	1,272.75
Drafting, binding	2,100.00
Rentals, camp, radio	2,700.00
Food	2,936.19
Travel	2,227.05
Miscellaneous (petrography, photomosaic, licences)	1,038.54
TOTAL:	$82,982.66

And I make this solemn declaration conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath and by virtue of The Canada Evidence Act.

Declared before me at Vancouver)
)
in the Province of B.C. this)
)
15th day of October 1982)

M.H. Sanguinetti

E.A. Balon

A Commissioner for Oaths for Yukon Territory OR Notary Public for

S T A T I S T I C S

Geochemical data from 2,672 soil samples collected during 1981 and 1982 were plotted on lognormal cumulative probability paper (Figures 6 to 8). On these graphs, the ordinate logarithmic scale represents geochemical values in parts per million while the abscissa probability scale represents cumulative frequency. A single lognormal distribution will plot as a straight line on this paper. When two lognormally distributed populations are present, a curve containing a single inflection point will result. When multiple populations are present, as was the situation for the MR soil geochemistry, several inflection points will be present. From this composite curve, the component populations can be segregated to produce discrete straight line plots. Once these component populations have been graphically identified, a technique described by Sinclair (1976) allows for accurate selection of threshold values.

A probability plot of 2,672 soil lead analyses is shown in Figure 6. The inflection points on the composite curve (marked by arrows) define the relative proportion of the component populations. In this case, 97.60% of the samples collected belong to Population D, 1.30% to Population C, 0.96% to Population B and 0.14% to Population A. Field evidence indicates that

STATISTICS (cont'd)

the upper three populations (A, B and C) are all related to mineralization and, therefore, should be considered anomalous, while the lower population (D) should be interpreted as a background distribution. It can be seen that there exists considerable overlap between the much larger background population (D) and the lower two anomalous populations (C and B). Therefore, when threshold values are chosen, a certain percentage of samples from a selected "anomalous" interval may, in fact, be part of the background population. To clarify the extent of this overlap, the proportion of samples belonging to the true background population (D) within each specified interval is listed in the table below the graph.

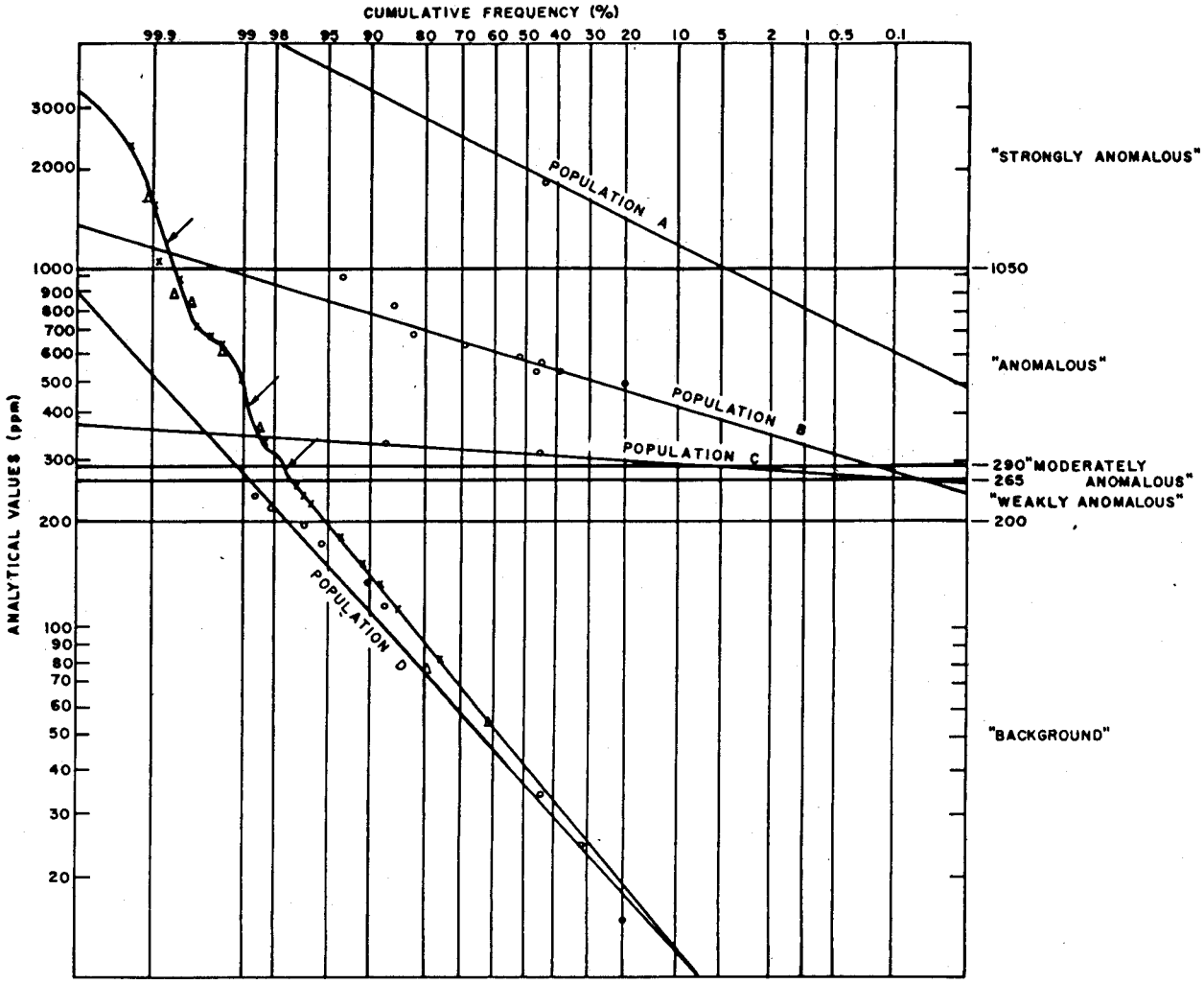
A similar overlap between background and anomalous populations was found to exist for both zinc and silver cumulative frequency plots (Figures 7 and 8). In all three cases, the lowest metal values of any anomalous population* were found to be consistently higher than anticipated threshold levels. These results indicate that metasediments exposed on the MR property contain exceptionally high background quantities of Pb, Zn and Ag.

Statistical categories were selected as follows:

"Strongly Anomalous"	-	Samples belonging to this group are primarily, or entirely, members of the upper anomalous population (A).
"Anomalous"	-	the majority of these samples are members of an anomalous population.

* Four discrete component populations were segregated from each cumulative frequency graph. In Pb and Ag plots, 3 anomalous populations (A, B, C and D) and one background population are present. The Zn distribution, however, yields 2 anomalous (A and B) and 2 background (C and D) populations.

LEAD IN SOILS — MR PROPERTY



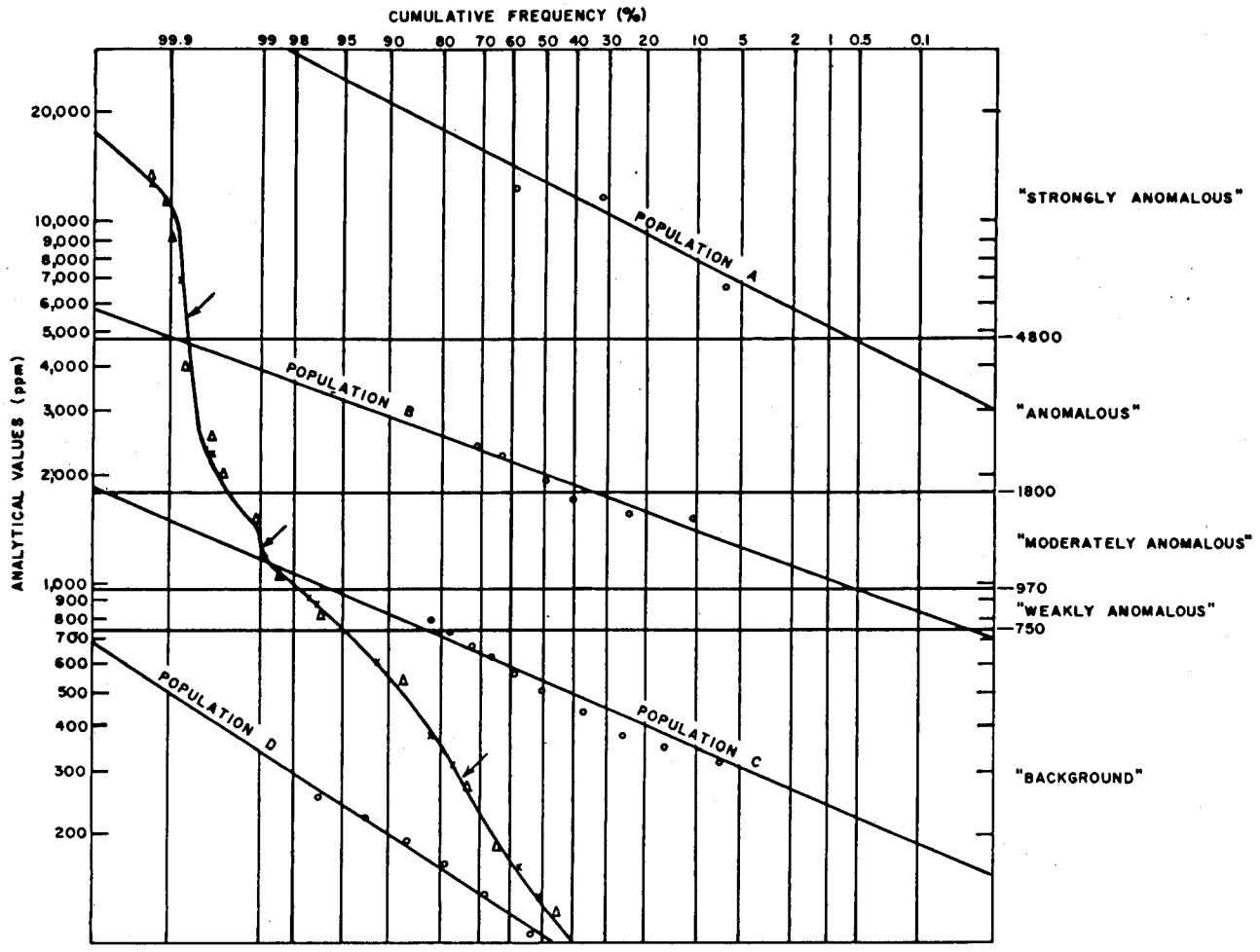
O–PARTITION POINTS
X–NON-PARTIONED POINTS
Δ–CHECK POINTS

CATEGORY	RANGE (ppm)	NO. OF SAMPLES	PROPORTION BACKGOUND (%)*
"BACKGROUND"	0–200	2538.4	100.0
"WEAKLY ANOMALOUS"	201–265	61.5	99.8
"MODERATELY ANOMALOUS"	266–290	10.7	76.3
"ANOMALOUS"	291–1050	56.9	26.2
"STRONGLY ANOMALOUS"	> 1050	4.5	0.0

* PERCENTAGE OF SAMPLES BELONGING TO THE TRUE BACKGROUND POPULATION (LABELLED POPULATION D IN GRAPH).

FIGURE: 6

ZINC IN SOILS—MR PROPERTY



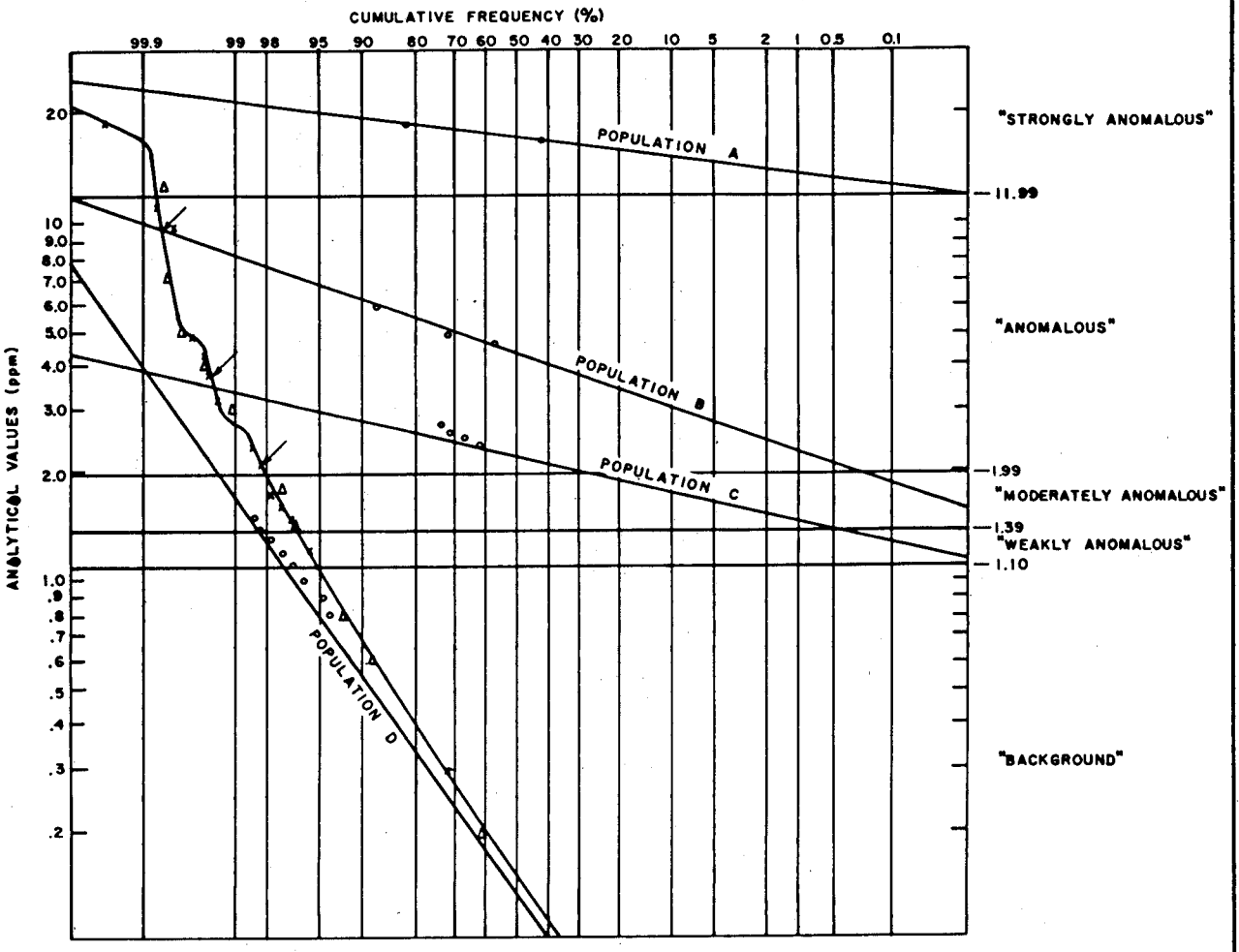
O–PARTITIONED POINTS
X–NON–PARTITIONED POINTS
Δ–CHECK POINTS

CATEGORY	RANGE (ppm)	NO. OF SAMPLES	PROPORTION BACKGOUND (%)*
"BACKGROUND"	0–750	2538.4	100.0
"WEAKLY ANOMALOUS"	751– 970	77.5	99.8
"MODERATELY ANOMALOUS"	971–1800	43.3	74.1
"ANOMALOUS"	1801–4800	8.3	0.0
"STRONGLY ANOMALOUS"	>4800	4.5	0.0

* PERCENTAGE OF SAMPLES BELONGING TO THE TRUE BACKGROUND POPULATIONS (LABELLED POPULATIONS C AND D IN GRAPH).

FIGURE: 7

SILVER IN SOILS — MR PROPERTY



O—PARTITIONED POINTS
X—NON—PARTIONED POINTS
Δ—CHECK POINTS

CATEGORY	RANGE (ppm)	NO. OF SAMPLES	PROPORTION BACKGOUND (%)*
"BACKGROUND"	0 - 1.09	2538.4	100.0
"WEAKLY ANOMALOUS"	1.10-1.39	45.4	99.5
"MODERATELY ANOMALOUS"	1.40-1.99	37.4	74.3
"ANOMALOUS"	2.00-11.99	46.8	36.2
"STRONGLY ANOMALOUS"	> 11.99	4.0	0.0

*PERCENTAGE OF SAMPLES BELONGING TO THE TRUE BACKGROUND POPULATION (LABELLED POPULATION D IN GRAPH).

FIGURE: 8

STATISTICS (cont'd)

"Moderately Anomalous"	-	approximately 25% of these samples belong to anomalous populations. The remainder (approximately 75%) are members of a background population.
"Weakly Anomalous"	-	samples belonging to this group are primarily, or entirely, members of background populations. This interval was added to enhance geochemical trends. A lower threshold was arbitrarily selected at the 95% cumulative frequency level. This interval could alternately have been labelled "Upper Background."
"Background"	-	all samples in this group are members of a background population.

CORDILLERAN ENGINEERING

1418 MARINE BUILDING, 355 BURRARD STREET, VANCOUVER, BRITISH COLUMBIA V6C 2G8 TEL: (604) 681-8381

WRITER'S CERTIFICATE

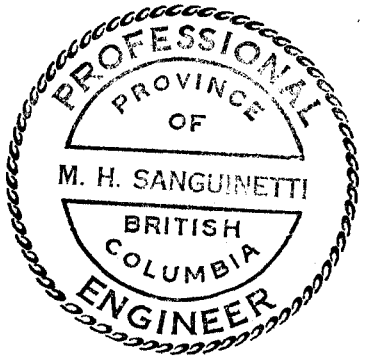
I, Michael H. Sanguinetti of Vancouver, British Columbia hereby certify that:

1. I am a geologist residing at 2208 West 35th Avenue, and employed by Cordilleran Engineering of 1418-355 Burrard Street, Vancouver, British Columbia.

2. I am a graduate of the University of British Columbia, B.Sc., in 1965, and have practiced my profession since that time.

3. I am a member of the Association of Professional Engineers of the Province of British Columbia.

4. I am a co-author of this report which is based on the results of a field program conducted on the MR claim group by Cordilleran Engineering during May - September 1982.



CORDILLERAN ENGINEERING

Michael H. Sanguinetti, B.Sc.,P.Eng.,
Geologist

MHS/b

October 15, 1982
Vancouver, B.C.

CORDILLERAN ENGINEERING

1418 MARINE BUILDING, 355 BURRARD STREET, VANCOUVER, BRITISH COLUMBIA V6C 2G8 TEL: (604) 681-8381

WRITER'S CERTIFICATE

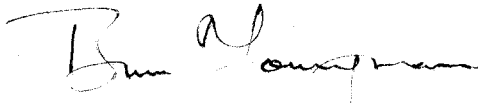
I, Bruce A. Youngman of Vancouver, British Columbia hereby certify that:

1. I am a geologist residing at 8364 Fremlin Street and employed by Cordilleran Engineering of 1418-355 Burrard Street, Vancouver, B.C., V6C 2G8

2. I am a graduate of the University of British Columbia, B.Sc., in 1981 and have practiced my profession since that time.

3. I am a co-author of this report which is based on work conducted on the MR mineral claims during the period May - September, 1982. This work included geological mapping and geochemical sampling, undertaken on behalf of Regional Resources Ltd.

CORDILLERAN ENGINEERING



Bruce A. Youngman, B.Sc.,
Geologist

BAY/jb

October 15, 1982
Vancouver, B.C.

APPENDIX "D"

PERSONNEL

The following personnel worked on the MR 1-230 claim group during the 1982 field season:

Bruce A. Youngman, B.Sc.	8364 Fremlin Avenue, Vancouver, B.C.	Geologist
John M. Slack	311-2065 West 5th Ave., Vancouver, B.C.	Prospector
Jan L. Tindle, B.A.	General Delivery, Whistler, B.C.	Cook, Sampler
Ross D. Mirko	102-380 East 1st St., North Vancouver, B.C.	Sampler, linecutter
Tony G. Simard	212-1025 Sutley St., Victoria, B.C.	Sampler, linecutter
Karin C. McInnis	509A Sunnydale Pl., Waterloo, Ontario	Sampler, mapper
Nedra J. Bodin	469 - 8th Avenue Kimberley, B.C.	Sample sifter
Edward A. Balon	1418-355 Burrard St., Vancouver, B.C.	Prospector
Michael H. Sanguinetti, P.Eng.	1418-355 Burrard St., Vancouver, B.C.	Geologist

CONTRACTORS

C.R. Eastman	Box 4411, Whitehorse, Y.T.	Grid preparation
Northern Mountain Helicopters, Inc.	Box 368, Prince George, B.C.	Helicopter

APPENDIX "E"

Vancouver Petrographics Ltd.

JAMES VINNELL, Manager
JOHN G. PAYNE, Ph. D. Geologist

P.O. BOX 39
8887 NASH STREET
FORT LANGLEY, B.C.
VOX 1JO

PHONE (604) 888-1323

Report for: Michael H. Sanguinetti,
Cordilleran Engineering,
1418 Marine Building,
355 Burrard Street,
Vancouver, B.C.
V6C 2G8.

Invoice 3370

July 29, 1982

Samples: BY002,BY016,BY027,BY042,BY046,BY148,BY172,BY174,BY118-19.

MR PROJECT

Summary Description.

BY002 Conglomeratic Quartzite.
Consists of rounded pebbles of strained quartz aggregates in a matrix of equigranular, fine to medium grained quartz(strain free) with a granoblastic texture. Fine grained muscovite is disseminated around the quartz grains in the matrix.

BY016 Quartzite.
Medium grained equigranular rock consisting almost entirely of slightly elongated quartz. Very fine grained muscovite and hematite are disseminated between the quartz grains.

BY027 Quartz-epidote-chlorite schist.
A fine to medium grained equigranular rock with a well developed foliation. It consists of subrounded quartz with interstitial chlorite and epidote concentrated along the foliation. Traces of biotite are growing around the chlorite. Minor pyrite is disseminated through the rock.

BY042 Calcareous Phyllite.
A fine grained rock with a well developed schistosity. The light layers consist of quartz and calcite with a granoblastic texture. The dark layers consist of muscovite flakes parallel to the foliationwhich contain minor graphite along the cleavage, small rounded quartz and calcite which is surrounded and partly replaced by hematite and limonite.

BY046 Marble.
This consists of medium grained, slightly ineqigranular calcite with a granoblastic texture. There is a fine dusting of hematite throughout. The dark nodules consist of finer grained more equigranular calcite, occasionally with a few grains of interstitial quartz. There is less hematite dust in these nodules.

BY148 Graphitic Phyllite.

This is a fine grained rock with a well developed schistosity. The dark layers consist of large muscovite flakes growing parallel to the foliation which are full of graphite along the cleavage. The light layers consist of quartz, hematite and disseminated muscovite.

BY172 Calc-silicate schist.

This is a fine grained rock with a well developed foliation. It is tightly folded. The light layers consist of quartz and interstitial calcite. The dark layers consist of muscovite, calcite(finer grained than in the light layers and deeply stained by limonite), graphite and iron oxide.

BY174 Calc-silicate schist.

This is a fine to medium grained rock with a well developed schistosity and with tight folds. The dark layers consist of quartz, phlogopite and muscovite. The light layers consist of quartz,clinozoisite,tremolite and calcite. There are alternating bands of massive clinozoisite replacing tremolite and intergrown quartz,tremolite and calcite with minor granular clinozoisite. These bands are not sharply defined.

BY118-19 "Wad".

This consists of massive and sperulitic manganese oxides (at least two) mixed with limonite. There are traces of hematite. Identification of the manganese minerals is best done by X-ray diffraction.

A.L. Littlejohn, M.Sc. Geologist.

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BONDAR-CLEGG & COMPANY LTD.

130 PEMBERTON AVE., NORTH VANCOUVER, B.C. V7P 2R5 PHONE: (604) 985-0681 TELEX: 04-352667

Geochemical Lab Report

REPORT: 122-1484 PROJECT: MR

SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM	NOTES
BL-8400E					
P 7250N-MR		0.3	22	80	
P 7300N-MR		0.2	16	63	
P 7350N-MR		0.2	11	120	
P 7450N-MR		0.2	15	92	
P 7500N-MR		0.2	23	234	
P 7550N-MR		0.2	35	357	
P 7650N-MR		0.2	26	164	
P 7700N-MR		0.2	15	94	
P 7750N-MR		0.2	15	81	
P 7850N-MR		0.2	18	138	
P 7900N-MR		0.2	20	165	
P 7950N-MR		0.2	14	55	
P 8050N-MR		0.2	13	58	
P 8100N-MR		1.6	87	195	
P 8150N-MR		0.2	27	155	
P 8250N-MR		0.2	11	94	
P 8300N-MR		0.2	10	329	
P 8350N-MR		0.2	9	63	
P 8450N-MR		0.2	16	89	
P 8500N-MR		0.2	15	100	
P 8550N-MR		0.2	14	96	
P 8650N-MR		0.2	16	83	
P 8700N-MR		0.2	21	109	
P 8750N-MR		0.2	16	390	
P 8850N-MR		0.2	16	78	
P 8900N-MR		0.2	16	186	
P 8950N-MR		0.2	18	107	
P 9050N-MR		0.2	13	106	
P 9100N-MR		0.2	13	112	

SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM	NO
P 9150N-MR		0.2	16	90	
L2400E					
P 5350N-MR		0.2	41	282	
P 5400N-MR		0.2	30	67	
P 5450N-MR		0.2	64	111	
P 5500N-MR		0.2	19	60	
L2600E					
P 5300N-MR		0.7	65	208	
P 5350N-MR		0.2	108	362	
P 5400N-MR		0.2	105	395	
P 5450N-MR		0.2	22	88	
P 5500N-MR		0.2	5	21	
L3000E					
P 5000N-MR		0.2	84	288	
P 5050N-MR		0.5	168	425	
P 5100N-MR		1.0	108	775	
P 5150N-MR		0.2	35	88	
P 5200N-MR		0.2	76	127	
P 5250N-MR		0.2	93	120	
P 5300N-MR		0.2	68	232	
P 5350N-MR		0.3	162	348	
P 5400N-MR		0.4	159	265	
P 5450N-MR		0.5	96	296	
P 5500N-MR		0.4	61	202	
L3200E					
P 5000N-MR		0.2	58	60	
P 5050N-MR		0.4	6	29	
P 5100N-MR		0.6	137	875	
P 5150N-MR		0.8	136	505	
P 5200N-MR		0.8	133	387	

BONDAR-CLEGG & COMPANY LTD.

130 PEMBERTON AVE., NORTH VANCOUVER, B.C. V7P 2R5 PHONE: (604) 985-0681 TELEX: 04-352667

Geochemical Lab Report

REPORT: 122-1484 PROJECT: MR

SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM	NOTES
P 5250N-MR		2.8	66	180	
P 5300N-MR		1.2	95	392	
P 5400N-MR		0.4	67	270	
P 5450N-MR		0.3	64	168	
P 5500N-MR		0.3	39	209	
L3400E					
P 3300N-MR		0.2	48	112	
P 3350N-MR		0.7	62	217	
P 3400N-MR		0.8	152	237	
P 3450N-MR		0.8	345	480	
P 3500N-MR		0.4	108	281	
P 3550N-MR		0.3	141	210	
P 3600N-MR		0.2	58	171	
P 3650N-MR		0.2	36	262	
P 3700N-MR		0.2	67	165	
P 3750N-MR		0.2	39	129	
P 3800N-MR		0.2	32	120	
P 3850N-MR		0.2	40	141	
P 3900N-MR		0.2	42	127	
P 3950N-MR		0.2	56	181	
P 4000N-MR		0.2	37	128	
P 4050N-MR		0.2	60	176	
P 4100N-MR		0.2	15	102	
P 4150N-MR		0.2	31	131	
P 4200N-MR		0.2	26	238	
P 4250N-MR		0.2	27	215	
P 4300N-MR		0.3	30	126	
P 4350N-MR		0.2	32	207	
P 4400N-MR		1.0	80	269	
P 4450N-MR		1.6	328	1520	

SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM	NO
P 4500N-MR		1.0	740	830	
P 4550N-MR		0.4	176	795	
P 4600N-MR		0.5	70	540	
P 4650N-MR		0.6	80	363	
P 4700N-MR		0.2	63	239	
P 4750N-MR		0.3	70	364	
P 4800N-MR		0.2	71	475	
P 4850N-MR		0.3	95	388	
P 4900N-MR		0.2	248	298	
P 4950N-MR		0.2	66	318	
P 5000N-MR		0.2	77	121	
P 5050N-MR		0.4	39	288	
P 5100N-MR		0.2	55	188	
P 5150N-MR		0.2	71	195	
P 5200N-MR		0.6	83	242	
P 5250N-MR		1.3	128	390	
P 5300N-MR		1.0	46	208	
P 5350N-MR		0.8	139	405	
P 5450N-MR		0.4	39	159	
P 5500N-MR		0.2	43	175	
L3600E					
P 3350N-M		0.4	40	169	
P 3400N-M		0.2	29	150	
P 3450N-M		0.2	44	151	
P 3500N-M		0.2	75	142	
P 3550N-M		0.2	118	207	
P 3600N-M		0.2	28	104	
P 3650N-M		0.2	29	117	
P 3700N-M		0.2	31	101	
P 3750N-M		0.3	78	266	

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SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Pb PPM	Zn PPM	NOTES
P 3800N-M		0.2	23	52	
P 3850N-M		0.2	26	28	
P 3900N-M		0.2	46	154	
P 3950N-M		0.2	26	84	
P 4000N-M		0.2	33	124	
P 4050N-M		0.2	77	110	
P 4100N-M		0.4	57	207	
P 4150N-M		0.2	68	180	
P 4200N-M		0.4	58	190	
P 4250N-M		0.4	51	202	
P 4300N-M		0.2	67	262	
P 4350N-M		0.4	78	185	
P 4400N-M		0.4	100	301	
P 4450N-M		0.2	98	400	
P 4500N-M		0.3	201	1735	
P 4550N-M		0.2	72	275	
P 4600N-M		0.4	97	530	
P 4650N-M		0.4	67	123	
P 4700N-M		1.2	163	975	
P 4750N-M		0.6	83	445	
P 4800N-M		1.6	885	1715	
P 4850N-M		0.2	59	174	
P 4900N-M		0.2	545	925	
P 4950N-M		0.2	146	420	
P 5000N-M		1.4	248	1020	
P 5000N-MR		1.3	186	780	
P 5050N-MR		0.4	107	378	
P 5100N-MR		0.7	83	745	
L4000E					
P 2050N-MR		0.2	23	72	

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Pb PPM	Zn PPM	N
P 2100N-MR		0.2	74	129	
P 2150N-MR		0.2	51	85	
P 2200N-MR		0.2	32	89	
P 2250N-MR		0.2	41	92	
P 2300N-MR		0.2	29	93	
P 2350N-MR		0.2	25	105	
P 2400N-MR		0.2	181	700	
P 2450N-MR		0.2	230	775	
P 2500N-MR		0.2	70	535	
P 2550N-MR		0.2	36	368	
P 2600N-MR		0.2	16	242	
P 2650N-MR		0.2	12	68	
P 2700N-MR		0.2	27	131	
P 2750N-MR		0.2	14	104	
P 2800N-MR		0.2	16	82	
P 2850N-MR		0.2	18	77	
P 2900N-MR		0.2	9	45	
P 2950N-MR		0.2	3	55	
P 3000N-MR		0.2	4	47	
P 3050N-MR		0.2	18	59	
P 3100N-MR		0.2	6	50	
P 3150N-MR		0.2	2	47	
P 3200N-MR		0.2	16	161	
P 3250N-MR		0.2	21	109	
P 3300N-MR		0.2	64	141	
P 3350N-MR		0.2	98	175	
P 3400N-MR		0.2	91	161	
P 3450N-MR		0.2	79	156	
P 3500N-MR		0.2	79	123	
P 3550N-MR		0.2	79	103	

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SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM	NOTES
P 3600N-MR		0.2	88	130	
P 3650N-MR		0.5	256	420	
P 3700N-MR		0.2	104	119	
P 3750N-MR		0.2	65	108	
P 3800N-MR		0.2	61	112	
P 3850N-MR		0.2	44	88	
P 3900N-MR		0.2	30	54	
P 3950N-MR		0.2	34	38	
P 4150N-MR		0.2	34	124	
P 4200N-MR		0.2	55	153	
P 4250N-MR		0.2	81	263	
P 4300N-MR		0.6	60	207	
P 4350N-MR		0.5	63	231	
P 4400N-MR		0.6	53	187	
P 4450N-MR		0.4	139	279	
P 4500N-MR		0.4	112	243	
P 4550N-MR		0.9	217	680	
P 4600N-MR		0.2	99	515	
P 4650N-MR		0.5	164	570	
P 4700N-MR		0.2	160	490	
P 4750N-MR		0.2	139	480	
P 4800N-MR		1.3	114	935	
P 4850N-MR		0.3	219	835	
P 4900N-MR		1.4	167	1040	
P 4950N-MR		0.8	114	655	
P 5000N-MR		1.2	98	560	
P 5050N-M		0.6	110	490	
P 5150N-M		0.7	200	775	
P 5200N-M		0.2	91	287	
P 5250N-M		0.9	72	264	

SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM
P 5300N-M		0.2	36	136
P 5350N-M		0.2	88	297
P 5400N-M		0.2	91	330
P 5450N-M		0.7	147	375
P 5500N-M		0.2	73	255
L4200E				
P 3900N-M		0.2	89	222
P 3950N-M		0.2	75	131
P 4000N-M		0.2	73	117
P 4050N-M		1.4	415	735
P 4100N-M		0.8	193	540
P 4150N-M		0.2	26	102
P 4200N-M		0.2	45	68
P 4250N-M		0.3	45	124
P 4300N-M		0.2	49	96
P 4350N-M		0.2	48	75
P 4400N-M		0.3	114	143
P 4450N-M		0.6	77	173
P 4500N-M		0.5	121	219
P 4550N-M		0.5	47	167
P 4600N-M		0.4	73	164
P 4650N-M		0.4	65	209
P 4700N-M		0.4	117	420
P 4750N-M		0.6	96	280
P 4800N-M		1.0	79	364
P 4850N-M		0.2	68	286
P 4900N-M		0.4	98	770
P 4950N-M		0.2	100	420
P 5000N-M		0.2	103	330
P 5050N-M		0.2	66	111

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SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM	NOTES
P 5100N-M		0.2	110	228	
P 5150N-M		0.3	103	381	
P 5200N-M		0.2	91	264	
P 5250N-M		0.6	650	430	
P 5350N-M		0.2	73	367	
P 5400N-M		0.2	85	305	
P 5450N-M					5*
P 5500N-M		0.2	46	305	
L4400E					
P 3900N-M		0.4	96	162	
P 3950N-M		0.4	73	100	
P 4000N-M		0.6	186	226	
P 4050N-M		0.2	88	112	
P 4100N-M		0.2	55	58	
P 4150N-M		0.2	36	64	
P 4200N-M		0.2	43	76	
P 4250N-M		0.2	40	111	
P 4300N-M		0.2	27	86	
P 4350N-M		4.8	765	800	
P 4400N-M		0.8	149	213	
P 4450N-M		0.8	240	342	
P 4500N-M		0.4	59	172	
P 4550N-M		0.2	40	69	
P 4600N-M		0.5	75	133	
P 4650N-M		0.3	63	157	
P 4700N-M		0.2	48	88	
P 4750N-M		0.2	35	64	
P 4800N-M		0.4	61	182	
P 4850N-M		0.4	107	375	
P 4900N-M		0.5	18	98	

SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM
P 4950N-M		0.4	47	275
P 5000N-M		0.2	20	91
P 5050N-M		0.2	29	62
P 5100N-M		0.2	37	59
P 5150N-M		0.2	51	62
P 5200N-M		0.2	61	97
P 5250N-M		0.2	60	135
P 5300N-M		0.3	77	151
P 5350N-M		0.2	38	202
L4800E				
P 4000N-M		0.3	54	137
P 4050N-M		0.2	102	221
P 4100N-M		0.2	72	140
P 4150N-M		0.5	97	167
P 4200N-M		0.2	72	133
P 4250N-M		0.3	97	137
P 4300N-M		0.2	70	108
P 4350N-M		0.4	192	232
P 4400N-M		0.4	81	175
P 4450N-M		2.5	645	321
P 4500N-M		1.7	385	315
P 4550N-M		0.3	131	191
P 4600N-M		0.6	82	220
P 4650N-M		0.3	59	126
P 4700N-M		0.2	83	156
P 4750N-M		0.6	56	121
P 4800N-M		0.7	67	188
P 4850N-M		0.7	91	296
P 4950N-M		0.6	25	485
L6400E				

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SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM	NOTES
P 1600N-MR		0.2	47	95	
P 1650N-MR		0.2	48	55	
P 1700N-MR		0.2	41	56	
P 1750N-MR		0.2	150	147	
P 1800N-MR		0.2	61	84	
P 1850N-MR		0.2	56	90	
P 1900N-MR		0.4	116	238	
P 1950N-MR		0.2	60	162	
P 2000N-MR		0.2	25	123	
P 2050N-MR		0.2	43	109	
P 2100N-MR		0.2	50	63	
P 2150N-MR		0.2	28	82	
P 2200N-MR		0.2	24	106	
P 2250N-MR		0.2	50	100	
P 2300N-MR		0.2	73	213	
P 2350N-MR		0.2	132	58	
P 2400N-MR		0.2	56	94	
P 2450N-MR		0.2	62	75	
P 2500N-MR		0.2	55	112	
P 2550N-MR		0.2	40	99	
P 2600N-MR		0.2	45	314	
L2000N					
P 4050E-M		0.2	94	172	
P 4100E-M		0.2	34	96	
P 4150E-M		0.2	74	110	
P 4250E-M		0.2	123	150	
P 4300E-M		0.2	30	76	
P 4350E-M		2.0	24	78	
P 4450E-M		0.2	40	75	
P 4500E-M		0.2	84	69	

SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM
P 4550E-M		0.2	101	97
P 4650E-M		0.2	41	70
P 4700E-M		0.2	25	98
P 4750E-M		0.2	27	54
P 4850E-M		0.2	51	76
P 4900E-M		0.2	28	209
P 4950E-M		0.2	24	70
P 5050E-M		0.2	247	253
P 5100E-M		0.2	291	785
P 5150E-M		0.2	13	20
P 5250E-M		0.2	135	73
P 5300E-M		0.2	28	61
P 5350E-M		0.2	59	68
P 5450E-M		0.2	34	156
P 5500E-M				
P 5550E-M		0.2	20	32
P 5650E-M		0.2	61	77
P 5700E-M		0.2	67	74
P 5750E-M		0.4	39	113
P 5850E-M		0.2	45	54
P 5900E-M		0.2	36	104
P 5950E-M		0.2	24	76
P 6050E-M		0.2	24	83
P 6100E-M		0.2	24	76
P 6150E-M		0.2	29	90
P 6250E-M		0.2	22	72
P 6300E-M		0.2	19	59
P 6350E-M		0.2	27	109
L3000N				
P 6900E-MR		0.5	159	289

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SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM	NOTES
P 6950E-MR		0.7	176	385	
P 7000E-MR		0.3	163	410	
P 7050E-MR		0.2	840	335	
P 7100E-MR		0.2	157	435	
P 7150E-MR		0.4	267	965	
P 7200E-MR		1.2	113	465	
P 7250E-MR		0.2	51	42	
P 7300E-MR		0.2	56	91	
P 7350E-MR		2.0	82	204	
P 7400E-MR		9.8	560	1945	
P 7450E-MR		3.8	312	675	
P 7500E-MR		2.3	227	660	
P 7550E-MR		0.2	194	281	
P 7600E-MR		2.6	129	286	
P 7650E-MR		1.0	62	263	
P 7700E-MR		0.8	152	121	
P 7750E-MR		0.2	89	110	
P 7850E-MR		0.2	107	100	
P 7900E-MR		1.2	212	400	
P 7950E-MR		0.4	88	121	
P 8000E-MR		0.2	104	142	
P 8050E-MR		0.2	110	187	
P 8100E-MR		0.2	103	121	
P 8100E-B-MR		0.2	76	128	
P 8150E-MR		0.8	132	245	
P 8200E-MR		1.0	164	157	
L3200N					
P 6900E-M		0.2	320	1045	
P 6950E-M		0.7	297	367	
P 7000E-M		1.5	249	540	

SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM
P 7050E-M		0.8	262	865
P 7100E-M		1.1	236	1070
P 7150E-M		0.6	147	975
P 7200E-M		0.4	128	560
P 7250E-M		0.6	148	690
P 7300E-M		0.8	306	705
P 7350E-M		1.0	240	645
P 7400E-M		1.1	278	740
P 7450E-M		0.6	184	440
P 6900E-MR		0.4	396	1040
P 6950E-MR		0.5	171	445
P 7000E-MR		0.7	298	510
P 7050E-MR		0.4	204	925
P 7100E-MR		0.3	410	1435
P 7150E-MR		0.5	159	930
P 7200E-MR		0.3	71	316
P 7250E-MR		0.8	169	610
P 7300E-MR		0.4	221	695
P 7350E-MR		0.5	186	615
P 7400E-MR		0.7	272	665
P 7450E-MR		0.5	150	367
P 7500E-MR		2.0	263	1120
P 7550E-MR		0.4	220	680
P 7600E-MR		1.0	196	495
P 7650E-MR		0.4	199	575
P 7700E-MR		0.8	172	500
P 7750E-MR		1.6	227	376
L3400N				
P 6900E-MR		0.2	105	400
P 6950E-MR		0.2	55	425

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SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM	NOTES
P 7000E-MR		0.4	77	480	
P 7050E-MR		0.7	96	344	
P 7100E-MR		0.6	64	595	
P 7150E-MR		0.2	23	415	
P 7200E-MR		0.2	66	278	
P 7250E-MR		1.2	73	505	
P 7300E-MR		0.6	146	750	
P 7350E-MR		0.4	154	925	
P 7400E-MR		0.2	115	387	
P 7450E-MR		1.3	217	680	
P 7500E-MR		0.2	220	600	
P 7550E-MR		0.2	99	500	
P 7600E-MR		0.2	197	455	
P 7650E-MR		0.2	115	595	
P 7700E-MR		1.0	157	450	
P 7750E-MR		0.8	200	525	
P 7800E-MR		2.8	262	705	
P 7850E-MR		0.3	115	342	
P 7900E-MR		0.7	228	495	
P 7950E-MR		1.0	226	420	
P 8000E-MR		0.4	174	296	
P 8050E-MR		0.5	70	165	
P 8100E-MR		1.7	102	262	
P 8150E-MR		0.4	90	480	
P 8200E-MR		0.4	84	184	
L3600N					
P 6900E-MR		0.2	143	445	
P 6950E-MR		0.2	158	695	
P 7000E		0.2	112	393	
P 7050E		0.4	47	271	
P 7100E		0.2	70	222	
P 7150E		0.2	53	273	
P 7200E		0.2	89	375	
P 7250E		0.5	85	460	
P 7300E		0.4	10	243	
P 7350E-MR		0.4	125	740	
P 7400E-MR		0.8	139	945	
P 7450E-MR		0.5	41	333	
P 7500E-MR		1.2	39	470	
P 7550E-MR		0.9	113	780	
P 7600E-MR		1.0	102	570	
P 7650E-MR		0.7	39	306	
P 7650E-MR-B		1.6	54	327	
P 7750E-MR		1.7	84	405	
P 7800E-MR		1.3	70	393	
P 7800E+15MN-MR		2.4	143	840	
P 7900E-MR		0.4	129	650	
P 7950E-MR		0.2	203	480	
P 8000E-MR		0.3	141	241	
P 8050E-MR		0.6	175	249	
P 8100E-MR		0.2	246	338	
P 8150E-MR		0.2	157	187	
P 8200E-MR		0.2	88	87	
L3800N					
P 6900E-MR		0.3	154	665	
P 6950E-MR					
P 7000E-MR		0.2	78	415	
P 7050E-MR		0.2	187	510	
P 7100E-MR		0.2	133	500	
P 7150E-MR					

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SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM	NOTES
P 7200E-MR		0.3	88	555	
P 7250E-MR		0.5	103	560	
P 7300E-MR		0.5	117	535	
P 7350E-MR		1.2	138	615	
P 7400E-MR		0.7	157	505	
P 7450E-MR		0.9	145	845	
P 7500E-MR		1.2	149	705	
P 7550E-MR		0.8	212	765	
P 7600E-MR		1.0	184	860	
P 7850E-MR		0.6	124	640	
P 7900E-MR		0.8	51	387	
P 7950E-MR		0.2	48	358	
P 8000E-MR		0.2	57	263	
P 8050E-MR		0.2	124	347	
P 8100E-MR		0.2	41	188	
P 8150E-MR		0.4	117	400	
P 8200E-MR		0.4	124	490	
2800E					
P 5000N-MR		0.9	318	550	
P 5050N-MR		2.2	560	175	
P 5150N-MR		0.6	505	275	
P 5200N-MR		0.2	49	137	
P 5250N-MR		0.2	97	140	
P 5300N-MR		0.4	121	222	
P 5350N-MR		0.5	32	82	
P 5400N-MR		0.4	31	84	
P 5450N-MR		0.4	20	110	
P 5500N-MR		0.6	58	154	
3600E					
P 5150N-M		0.3	46	247	
P 5200N-M		0.2	34	94	
P 5250N-M		0.2	106	166	
P 5300N-M		0.3	102	248	
P 5350N-M		0.2	64	174	
P 5400N-M		0.2	58	165	
P 5450N-M		0.3	61	140	
P 5500N-M		0.2	80	146	
3800E					
P 3900N-M		0.3	34	126	
P 3950N-M		0.2	39	48	
P 4000N-M		0.7	322	296	
P 4100N-M		0.4	41	131	
P 4200N-M		0.3	67	276	
P 4250N-M		0.4	101	253	
P 4300N-M		0.2	72	235	
P 4400N-M		0.3	89	204	
P 4450N-M		0.6	82	286	
P 4550N-M		0.6	145	440	
P 4600N-M		0.5	153	485	
P 4650N-M		2.0	510	630	
P 4700N-M		0.2	87	805	
P 4750N-M		0.2	110	1030	
P 4800N-M		0.7	347	1370	
P 4850N-M		0.4	154	900	
P 4900N-M		0.2	147	890	
P 4950N-M		0.2	71	397	
P 5000N-M		0.8	109	635	
P 5050N-M		0.2	157	570	
P 5100N-M		0.7	137	615	
P 5150N-M		0.2	71	236	

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SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM	NOTES
P 5200N-M		0.8	62	338	
P 5250N-M		0.6	57	369	
P 5300N-M		0.4	88	364	
P 5350N-M		0.2	50	201	
P 5400N-M		0.5	115	284	
P 5450N-M		0.3	58	94	
P 5500N-M		0.3	90	188	
4000E					
P 1400N-MR		0.2	31	88	
P 1450N-MR		0.2	46	104	
P 1500N-MR		0.2	90	92	
P 1550N-MR		0.2	28	72	
P 1600N-MR		0.2	49	124	
P 1650N-MR		0.2	42	153	
P 1700N-MR		0.2	77	167	
P 1750N-MR		0.2	35	105	
P 1800N-MR		0.2	50	97	
P 1850N-MR		0.2	27	81	
P 1900N-MR		0.2	33	114	
P 1950N-MR		0.2	63	136	
P 2000N-MR		0.2	47	137	
4200E					
P 1400N-MR		0.2	41	103	
P 1450N-MR		0.2	27	102	
P 1500N-MR		0.2	23	116	
P 1550N-MR		0.2	97	197	
P 1600N-MR		0.2	80	170	
P 1650N-MR		0.2	87	206	
P 1700N-MR		0.2	78	265	
P 1750N-MR		0.2	66	235	

SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM
P 1800N-MR		0.2	61	161
P 1850N-MR		0.2	41	201
P 1900N-MR		0.2	59	210
P 1950N-MR		0.2	32	152
P 2000N-MR		0.2	82	307
P 2050N-MR		0.2	13	65
P 2100N-MR		0.2	26	97
P 2150N-MR		0.2	55	136
P 2200N-MR		0.2	125	490
P 2250N-MR		0.2	34	138
P 2300N-MR		0.2	27	97
P 2350N-MR		0.2	42	183
P 2400N-MR		0.2	97	970
4400E				
P 1400-MR		0.2	52	86
P 1450-MR		0.2	31	110
P 1500-MR		0.2	31	85
P 1550-MR		0.2	25	75
P 1600-MR		0.2	31	106
P 1650-MR		0.2	41	159
P 1700-MR		0.2	71	219
P 1750-MR		0.2	36	132
P 1800-MR		0.2	62	85
P 1850-MR		0.2	45	88
P 1900-MR		0.2	36	167
P 1950-MR		0.2	35	78
P 2000-MR		0.2	24	76
P 2050-MR		0.2	49	76
P 2100-MR		0.2	32	93
P 2150-MR		0.2	67	114

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SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM	NOTES
P 2200-MR		0.2	39	455	
P 2250-MR		0.2	29	191	
P 2300-MR		0.2	36	246	
P 2350-MR		0.2	35	170	
P 2400-MR		0.2	58	470	
4600E					
P 1400N-MR		0.2	26	121	
P 1450N-MR		0.3	60	59	
P 1500N-MR		0.2	33	61	
P 1550N-MR		0.2	25	89	
P 1600N-MR		0.2	254	82	
P 1650N-MR		0.2	52	95	
P 1700N-MR		0.2	36	92	
P 1750N-MR		0.2	26	108	
P 1800N-MR		0.2	33	81	
P 1850N-MR		0.2	41	114	
P 1900N-MR		0.2	172	126	
P 1950N-MR		0.2	35	97	
P 2000N-MR		0.2	35	70	
P 2050N-MR		0.2	32	124	
P 2100N-MR		0.2	44	119	
P 2150N-MR		0.2	63	52	
P 2200N-MR		0.2	42	115	
P 2250N-MR		0.2	97	214	
P 2300N-MR		0.4	345	645	
P 2350N-MR		0.2	110	515	
P 2400N-MR		0.2	25	92	
P 4000N-M		0.2	120	334	
P 4050N-M		0.2	68	334	
P 4100N-M		0.2	79	97	
P 4150N-M		0.4	118	147	
P 4200N-M		0.2	157	232	
P 4250N-M		0.2	68	117	
P 4300N-M		0.5	72	109	
P 4350N-M		0.2	49	98	
P 4400N-M		0.2	69	95	
P 4450N-M		0.4	530	310	
P 4500N-M		2.2	435	580	
P 4550N-M		0.2	35	107	
P 4600N-M		0.2	41	109	
P 4650N-M		0.3	86	157	
P 4700N-M		0.2	51	268	
P 4750N-M		0.3	90	238	
P 4800N-M		0.6	49	198	
P 4850N-M		0.2	35	222	
P 4900N-M		0.2	43	845	
P 4950N-M		0.4	24	100	
P 5050N-M		0.3	33	310	
P 5100N-M		0.2	57	167	
P 5150N-M		0.2	30	158	
P 5200N-M		0.2	73	377	
P 5250N-M		0.2	59	211	
P 5300N-M		0.2	49	112	
P 5350N-M		0.2	71	211	
P 5400N-M		0.4	75	281	
P 5450N-M		0.2	78	198	
P 5500N-M		0.2	69	217	
P 5550N-M		0.4	70	306	
P 5600N-M		0.2	29	363	
4800E					

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REPORT: 122-1484 PROJECT: MR

SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM	NOTES
P 1400N-MR		0.2	49	123	
P 1450N-MR		0.2	33	115	
P 1500N-MR		0.2	25	88	
P 1550N-MR		0.2	11	47	
P 1600N-MR		0.2	37	150	
P 1650N-MR		0.2	90	158	
P 1700N-MR		0.2	34	71	
P 1750N-MR		0.2	30	93	
P 1800N-MR		0.2	9	28	
P 1850N-MR		0.2	24	46	
P 1900N-MR		0.2	36	108	
P 1950N-MR		0.2	50	140	
P 2000N-MR		0.2	44	107	
P 2050N-MR		0.2	46	83	
P 2100N-MR		0.2	143	129	
P 2150N-MR		0.2	142	94	
P 2200N-MR		0.2	25	46	
P 2250N-MR		0.4	30	87	
P 2300N-MR		0.3	49	96	
P 2350N-MR		0.2	172	455	
P 2400N-MR		0.2	645	685	
P 5000N-M		0.5	57	316	
P 5050N-M		0.2	72	296	
P 5100N-M		0.4	63	308	
P 5150N-M		0.2	188	410	
P 5200N-M		0.2	43	126	
P 5250N-M		0.2	37	267	
P 5300N-M		0.2	63	234	
P 5350N-M		0.2	38	184	
P 5400N-M		0.2	30	237	

SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM
P 5450N-M		0.2	50	154
P 5500N-M		0.2	38	169
P 5550N-M		0.2	52	258
P 5600N-M		0.2	50	161
5000E				
P 1400N-M		0.2	40	63
P 1450N-M		0.2	37	79
P 1500N-M		0.2	35	101
P 1550N-M		0.2	41	120
P 1600N-M		0.2	37	133
P 1650N-M		0.2	36	110
P 1700N-M		0.2	34	120
P 1750N-M		0.2	33	120
P 1800N-M		0.2	34	90
P 1850N-M		0.2	46	82
P 1900N-MR		0.2	30	103
P 1950N-MR		0.2	27	121
P 2000N-MR		0.2	33	167
P 2050N-MR		0.2	65	94
P 2100N-MR		0.2	31	104
P 2150N-MR		0.2	45	113
P 2200N-MR		0.2	31	87
P 2250N-MR		0.2	88	129
P 2300N-MR		0.3	102	165
P 2400N-MR		0.2	90	268
P 4200N-M		0.7	329	840
P 4250N-M		0.2	80	190
P 4300N-M		0.2	34	62
P 4350N-M		0.3	44	128
P 4400N-M		0.3	93	125

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SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM	NOTES
P 4450N-M		0.3	104	154	
P 4500N-M		0.2	98	152	
P 4550N-M		1.0	178	425	
P 4600N-M		0.6	240	381	
P 4650N-M		0.6	211	272	
P 4700N-M		1.0	112	191	
P 4750N-M		0.8	191	227	
P 4800N-M		0.2	41	103	
P 4850N-M		0.3	189	187	
P 4900N-M		0.2	32	75	
P 4950N-M		0.3	28	277	
P 5050N-M		0.2	43	293	
P 5100N-M		0.8	91	495	
P 5150N-M		0.4	87	344	
P 5200N-M		0.5	30	170	
P 5250N-M		0.4	47	214	
P 5300N-M		0.3	51	237	
P 5350N-M		0.2	46	135	
P 5400N-M		0.2	47	150	
P 5450N-M		0.2	39	160	
P 5500N-M		0.2	48	150	
P 5550N-M		0.2	51	237	
P 5600N-M		0.2	46	210	
5200E					
P 1400N-MR		0.2	41	113	
P 1450N-MR		0.2	70	77	
P 1500N-MR		0.3	83	100	
P 1550N-MR		0.2	57	80	
P 1600N-MR		0.2	49	81	
P 1650N-MR		0.2	35	72	

SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM
P 1700N-MR		0.2	50	74
P 1750N-MR		0.2	37	105
P 1800N-MR		0.2	34	73
P 1850N-MR		0.2	65	117
P 1900N-MR		0.2	19	81
P 1950N-MR		0.2	49	76
P 2000N-MR		0.2	58	49
P 2050N-MR		0.2	37	70
P 2100N-MR		0.3	47	67
P 2150N-MR		0.2	34	55
P 2200N-MR		0.2	17	122
P 2250N-MR		0.2	26	118
P 2300N-MR		0.2	32	64
P 2350N-MR		0.2	44	104
P 2400N-MR		0.2	73	133
P 4300N-M		0.4	161	220
P 4350N-M		0.3	94	299
P 4400N-M		0.2	83	163
P 4450N-M		0.6	132	259
P 4500N-M		0.2	81	116
P 4550N-M		0.4	135	220
P 4600N-M		0.2	124	171
P 4650N-M		0.2	141	187
P 4700N-M		0.2	164	173
P 4750N-M		0.2	60	136
P 4800N-M		0.2	50	154
P 4850N-M		0.3	76	188
P 4900N-M		0.6	94	278
P 4950N-M		0.4	64	182
P 5000N-M		0.2	52	149

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SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM	NOTES
P 5050N-MR		0.5	75	189	
P 5100N-MR		0.3	42	203	
P 5150N-MR		0.2	49	189	
P 5200N-MR		0.2	38	205	
P 5250N-MR		0.3	44	165	
P 5300N-MR		0.2	47	203	
P 5350N-MR		0.2	41	176	
P 5400N-MR		0.3	45	119	
P 5450N-MR		0.2	50	193	
P 5500N-MR		0.2	41	186	
P 5550N-MR		0.2	73	215	
P 5600N-MR		0.2	185	415	
5400E					
P 1400N-M		0.2	46	55	
P 1450N-M		0.2	21	63	
P 1500N-M		0.2	37	127	
P 1550N-M		0.2	49	87	
P 1600N-M		0.2	35	37	
P 1650N-M		0.2	47	99	
P 1700N-M		0.2	255	96	
P 1750N-M		0.2	63	97	
P 1800N-M		0.2	118	70	
P 1850N-M		0.2	47	93	
P 1900N-M		0.2	65	65	
P 1950N-M		0.2	225	240	
P 2000N-M		0.2	19	46	
P 2050N-MR		0.2	61	106	
P 2100N-MR		0.2	45	68	
P 2150N-MR		0.2	63	72	
P 2200N-MR		0.2	59	113	

SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM
P 2250N-MR		0.2	48	57
P 2300N-MR		0.3	216	117
P 2350N-MR		0.2	183	233
P 2400N-MR		0.2	39	124
P 4300N-MR		0.9	140	217
P 4350N-MR		0.3	98	126
P 4400N-MR		0.2	37	22
P 4450N-MR		0.4	165	354
P 4500N-MR		0.7	205	243
P 4550N-MR		0.4	117	199
P 4600N-MR		0.2	114	189
P 4650N-MR		0.3	95	197
P 4700N-MR		0.2	66	82
P 4750N-MR		0.2	13	43
P 4800N-MR		0.2	31	127
P 4850N-MR		0.2	40	100
P 4900N-MR		0.4	69	239
P 4950N-MR		0.2	51	151
P 5000N-MR		0.2	33	111
P 5050N-MR		2.1	255	357
P 5100N-MR		0.2	17	63
P 5150N-MR		0.3	30	137
P 5200N-MR		0.2	22	118
P 5250N-MR		0.2	30	158
P 5300N-MR		0.2	30	153
P 5350N-MR		0.2	37	138
P 5400N-MR		0.2	48	145
P 5450N-MR		0.2	66	290
P 5500N-MR		0.2	33	290
P 5600N-MR		0.2	41	344

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SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM	NOTES
5600E					
P 1400N-M		0.2	34	90	
P 1450N-M		0.2	23	114	
P 1500N-M		0.2	38	111	
P 1550N-M		0.2	74	103	
P 1600N-M		0.2	27	49	
P 1650N-M		0.2	28	108	
P 1700N-M		0.2	56	120	
P 1750N-M		0.2	55	69	
P 1800N-M		0.2	59	81	
P 1850N-M		0.2	48	48	
P 1900N-M		0.2	56	64	
P 1950N-M		0.2	88	65	
P 2000N-MR		0.2	52	93	
P 2050N-MR		0.2	28	60	
P 2100N-MR		0.2	40	69	
P 2150N-MR		0.2	58	445	
P 2200N-MR		0.2	58	79	
P 2250N-MR		0.2	52	125	
P 2300N-MR		0.2	34	75	
P 2350N-MR		0.2	44	151	
P 2400N-MR		0.2	62	254	
P 4300N-MR		0.2	60	134	
P 4350N-MR		0.2	37	117	
P 4400N-MR		0.2	68	175	
P 4450N-MR		0.2	60	216	
P 4500N-MR		0.2	31	69	
P 4550N-MR		0.2	50	37	
P 4600N-MR		0.2	79	163	
P 4650N-MR		0.2	68	107	
P 4700N-MR		0.2	100	184	
P 4750N-MR		0.2	93	186	
P 4800N-MR		0.3	87	150	
P 4850N-MR		0.2	105	180	
P 4900N-MR		0.2	72	126	
P 4950N-MR		0.2	36	91	
P 5000N-MR		0.2	21	72	
P 5050N-MR		0.2	55	135	
P 5100N-MR		0.2	15	50	
P 5200N-MR		0.4	29	71	
5800E					
P 1400N-MR		0.2	26	78	
P 1450N-MR		0.2	28	75	
P 1500N-MR		0.2	27	78	
P 1550N-MR		0.2	54	106	
P 1600N-MR		0.2	121	104	
P 1650N-MR		0.2	49	92	
P 1700N-MR		0.2	38	127	
P 1750N-MR		0.2	35	143	
P 1800N-MR		0.2	35	130	
P 1850N-MR		0.2	34	115	
P 1900N-MR		0.2	27	83	
P 1950N-MR		0.2	29	75	
P 2000N-MR		0.2	56	97	
P 2100N-MR		0.2	61	84	
P 2150N-MR		0.2	66	105	
P 2200N-MR		0.2	44	97	
P 2250N-MR		0.4	85	147	
P 2300N-MR		0.2	56	89	
P 2350N-MR		0.2	265	356	

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SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM	NOTES
P 2400N-MR		0.2	65	149	
P 4300N-MR		0.2	37	91	
P 4350N-MR		0.5	221	159	
P 4400N-MR		0.4	40	218	
P 4450N-MR		0.4	180	121	
P 4500N-MR		0.3	43	144	
P 4550N-MR		1.2	102	168	
P 4600N-MR		0.2	65	91	
P 4700N-MR		0.5	14	164	
P 4750N-MR		0.4	65	150	
P 4800N-MR		0.4	105	204	
P 4850N-MR		0.2	79	187	
P 4900N-MR		0.2	63	198	
P 4950N-MR		0.2	66	163	
P 5000N-MR		0.2	68	165	
P 5050N-MR		0.2	45	168	
P 5100N-MR		0.4	48	191	
P 5150N-MR		0.2	36	161	
P 5200N-MR		0.8	52	180	
P 5250N-MR		0.5	34	200	
P 5300N-MR		0.6	35	244	
P 5400N-MR		0.4	31	202	
P 5450N-MR		0.3	53	272	
P 5500N-MR		0.2	34	110	
P 5550N-MR		0.2	30	112	
P 5600N-MR		0.2	32	103	
P 5650N-MR		0.2	27	161	
P 5700N-MR		0.2	40	162	
P 5750N-MR		0.2	43	96	
P 5800N-MR		0.2	37	185	

SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM
6000E				
P 1650N-M		0.2	39	51
P 1700N-M		0.2	48	90
P 1750N-M		0.2	33	96
P 1800N-M		0.2	47	105
P 1850N-M		0.2	17	75
P 1900N-M		0.2	21	76
P 1950N-M		0.2	26	95
P 2000N-M		0.2	29	107
P 2050N-M		0.2	35	77
P 2100N-M		0.2	47	85
P 2150N-M		0.2	84	78
P 2200N-M		0.2	43	80
P 2250N-M		0.5	67	141
P 2300N-M		0.2	180	98
P 2350N-M		0.2	54	96
P 2400N-M		0.2	53	84
P 2450N-M		0.3	56	106
P 2500N-M		0.2	113	151
P 2550N-M		0.3	91	166
P 2600N-M		0.8	87	214
P 4300N-MR		0.2	33	99
P 4350N-MR		0.2	36	152
P 4400N-MR		0.2	51	127
P 4450N-MR		0.2	28	81
P 4500N-MR		0.3	70	96
P 4550N-MR		0.4	60	105
P 4600N-MR		0.3	48	169
P 4650N-MR		0.4	71	103
P 4700N-MR		0.3	41	98

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SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM	NOTES
P 4750N-MR		0.3	51	103	
P 4800N-MR		0.2	37	92	
P 4850N-MR		0.2	32	131	
P 4900N-MR		0.3	38	144	
P 4950N-MR		0.2	34	103	
P 5000N-MR		0.2	42	119	
P 5050N-MR		0.2	29	110	
P 5100N-MR		0.2	24	109	
P 5150N-MR		0.2	6	72	
P 5200N-MR		0.2	28	53	
P 5250N-MR		0.3	20	100	
P 5300N-MR		0.2	21	121	
P 5350N-MR		0.3	26	173	
P 5400N-MR		0.2	25	147	
P 5450N-MR		0.2	26	156	
P 5500N-MR		0.2	25	195	
P 5550N-MR		0.2	20	110	
P 5600N-MR		0.2	26	157	
P 5650N-MR		0.2	23	90	
P 5700N-MR		0.2	28	183	
P 5750N-MR		0.2	27	118	
P 5800N-MR		0.2	39	149	
P 5850N-MR		0.2	47	121	
P 5900N-MR		0.2	32	87	
P 5950N-MR		0.2	33	158	
P 6000N-MR		0.2	25	103	
6200E					
P 1600N-M		0.2	38	56	
P 1650N-M		0.2	25	52	
P 1700N-M		0.2	112	117	

SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM
P 1750N-M		0.2	26	63
P 1800N-M		0.3	64	96
P 1850N-M		0.2	69	124
P 1900N-M		0.2	13	80
P 1950N-M		0.2	28	81
P 2000N-M		0.2	14	44
P 2150N-M		0.3	74	83
P 2200N-M		0.2	77	107
P 2250N-M		0.2	25	56
P 2300N-M		0.2	61	147
P 2350N-M		0.2	104	103
P 2400N-M		0.2	41	84
P 2450N-M		0.2	47	119
P 1600N-MR		0.2	41	86
P 1650N-MR		0.2	19	47
P 1700N-MR		0.2	60	87
P 1750N-MR		0.2	23	66
P 1800N-MR		0.2	38	79
P 1850N-MR		0.2	70	128
P 1900N-MR		0.2	12	69
P 1950N-MR		0.2	23	80
P 2000N-MR		0.2	18	75
P 2550N-MR		0.2	44	191
P 2600N-MR		0.2	68	262
P 4300N-MR		0.2	36	135
P 4350N-MR		0.2	27	175
P 4400N-MR		0.2	65	221
P 4450N-MR		0.2	49	142
P 4500N-MR		0.2	48	166
P 4550N-MR		0.2	41	100

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SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Pb PPM	Zn PPM	NOTES
P 4600N-MR		0.2	45	128	
P 4650N-MR		0.3	60	136	
P 4700N-MR		0.3	38	232	
P 4750N-MR		0.2	33	97	
P 4800N-MR		0.2	40	83	
P 4850N-MR		0.2	58	123	
P 4900N-MR		0.2	47	104	
P 4950N-MR		0.2	52	111	
P 5000N-MR		0.2	24	90	
P 5050N-MR		0.2	24	122	
P 5100N-MR		0.2	19	132	
P 5250N-MR		0.2	16	66	
P 5300N-MR		0.2	17	111	
P 5350N-MR		0.2	18	100	
P 5400N-MR		0.2	33	180	
P 5450N-MR		0.2	25	103	
P 5500N-MR		0.2	30	115	
P 5550N-MR		0.2	44	119	
P 5600N-MR		0.2	26	112	
P 5650N-MR		0.2	37	187	
P 5700N-MR		0.2	31	122	
P 5750N-MR		0.2	12	59	
P 5850N-MR		0.2	26	172	
P 5900N-MR		0.2	63	480	
P 5950N-MR		0.2	27	100	
P 6000N-MR		0.2	35	89	
P 6050N-MR		0.2	44	113	
P 6100N-MR		0.2	20	177	
P 6150N-MR		0.2	21	95	
P 6200N-MR		0.2	21	88	

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Pb PPM	Zn PPM
6400E				
P 4300N-MR		0.2	56	153
P 4350N-MR		0.2	59	174
P 4400N-MR		0.2	77	263
P 4450N-MR		0.2	46	220
P 4500N-MR		0.6	57	187
P 4550N-MR		0.2	57	195
P 4600N-MR		0.3	63	125
P 4650N-MR		0.3	63	206
P 4700N-MR		0.4	52	142
P 4750N-MR		0.2	55	196
P 4800N-MR		0.4	40	174
P 4850N-MR		0.4	96	159
P 4900N-MR		0.3	44	134
P 4950N-MR		0.3	43	136
P 5000N-MR		0.3	40	150
P 5050N-MR		0.2	37	136
P 5100N-MR		0.2	37	177
P 5150N-MR		0.2	51	254
P 5200N-MR		0.2	51	295
P 5250N-MR		0.3	24	138
P 5300N-MR		0.4	41	163
P 5350N-MR		0.2	79	123
P 5400N-MR		0.2	26	109
P 5450N-MR		0.2	27	285
P 5550N-MR		0.2	26	240
P 5600N-MR		0.2	29	91
P 5650N-MR		0.2	36	146
P 5700N-MR		0.2	33	114
P 5750N-MR		0.3	40	143

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SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM
P 5800N-MR		0.3	57	118
P 5900N-MR		0.2	19	96
P 6000N-MR		0.2	37	103
P 6050N-MR		0.2	29	103
P 6100N-MR		0.2	25	113
P 6150N-MR		0.2	33	101
P 6200N-MR		0.2	22	117
3000N				
P 7800E-M		0.6	86	127
P 7850E-M		0.2	65	86
P 7900E-M		1.3	163	400
P 7950E-M		0.2	76	93
3200N				
P 7500E-M		1.4	297	420
P 7550E-M		0.4	219	690
P 7600E-M		1.6	233	590
P 7650E-M		1.3	251	765
P 7800E-MR		1.6	208	287
P 7800E-A-MR		0.3	163	226
P 7850E-MR		1.4	101	218
P 7900E-MR		0.4	100	231
P 7950E-MR		0.3	86	178
P 8000E-MR		0.3	72	103
P 8050E-MR		0.2	62	182
P 8100E-MR		0.2	69	172
P 8150E-MR		0.2	52	95
P 8200E-MR		0.3	90	220
3400N				
P 6950E-M		0.2	74	560
P 7000E-M		0.3	102	555

NOTES

SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM
P 7050E-M		0.2	161	565
P 7100E-M		0.6	106	1665
P 7150E-M		0.2	62	620
P 7200E-M		0.7	202	1295
P 7250E-M		2.8	192	1435
P 7300E-M		3.3	181	1575
P 7500E-M		0.4	122	325
3600N				
P 6900E-M		0.2	130	485
P 6950E-M		0.2	116	555
P 7000E-M		0.2	81	375
P 7050E-M		0.2	66	370
P 7100E-M		0.2	109	320
P 7150E-M		0.2	49	270
P 7200E-M		0.6	141	585
P 7250E-M		0.7	178	655
P 7300E-M		0.6	106	845
P 7350E-M		0.6	127	845
P 7400E-M		0.7	117	965
P 7450E-M		1.0	98	925
P 7500E-M		1.1	128	1010
P 7550E-M		2.0	152	1586
P 7600E-M		1.6	238	1095
P 7650E-M		1.4	220	1365
P 7700E-M		1.3	179	745
P 7750E-M		1.6	167	690
4000N				
P 6900E-MR		0.3	91	540
P 6950E-MR		0.3	155	660
P 7000E-MR		0.6	164	675

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SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM	NOTES
P 7050E-MR		0.2	158	570	
P 7100E-MR		0.2	139	490	
P 7150E-MR		0.6	152	705	
P 7200E-MR		0.4	217	690	
P 7250E-MR		0.6	161	505	
P 7300E-MR		0.9	161	595	
P 7350E-MR		0.3	144	720	
P 7400E-MR		0.2	137	730	
P 7450E-MR		0.6	137	575	
P 7500E-MR		0.6	144	575	
P 7550E-MR		0.3	128	575	
P 7600E-MR		0.4	98	570	
P 7650E-MR		0.2	113	550	
P 7700E-MR		0.2	102	515	
P 7750E-MR		0.2	107	480	
P 7800E-MR		0.5	110	465	
P 7850E-MR		0.2	89	245	
P 7900E-MR		0.2	81	278	
P 8000E-MR		0.2	64	117	
P 8100E-MR		0.2	102	294	
P 8150E-MR		0.5	128	505	
P 8200E-MR		0.2	74	340	
4200N					
P 7750E-M		0.4	102	520	
P 6950E-MR		0.4	91	495	
P 7000E-MR		0.2	96	510	
P 7050E-MR		0.4	116	605	
P 7100E-MR		0.4	115	555	
P 7150E-MR		0.6	106	990	
P 7200E-MR		2.8	111	1540	

SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM
P 7250E-MR		0.3	130	450
P 7300E-MR		1.7	113	1270
P 7350E-MR		1.6	107	950
P 7400E-MR		0.2	129	490
P 7450E-MR		0.4	155	575
P 7500E-MR		0.6	151	580
P 7550E-MR		0.6	123	465
P 7650E-MR		0.6	108	500
P 7700E-MR				
P 7750E-MR		0.4	98	545
P 7800E-MR		0.6	125	560
P 7850E-MR		0.2	48	331
P 7900E-MR		0.2	32	128
P 7950E-MR		0.2	62	292
P 8000E-MR		0.2	81	333
P 8050E-MR		0.3	108	334
P 8100E-MR		0.2	134	359
P 8150E-MR		0.2	67	470
P 8200E-MR		0.7	28	182
4400N				
P 6900E-MR		0.3	102	605
P 6950E-MR		0.4	80	480
P 7000E-MR		0.2	24	460
P 7050E-MR		0.3	68	460
P 7100E-MR		0.2	59	327
P 7150E-MR		0.3	86	425
P 7200E-MR		0.3	125	450
P 7250E-MR		0.2	96	374
P 7300E-MR		0.3	9	140
P 7350E-MR		0.2	59	386

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SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Pb PPM	Zn PPM	NOTES
P 8450E-M		0.2	47	151	
P 8500E-M		0.2	28	138	
P 8550E-M		0.2	18	68	
P 8600E-M		0.2	20	92	
P 8650E-M		0.2	18	146	
P 8700E-M		0.2	15	159	
P 8750E-M		0.2	27	194	
P 8800E-M		0.2	16	190	
P 8850E-M		0.2	13	105	
P 8900E-M		0.2	9	84	
P 8950E-M		0.2	19	197	
P 9000E-M		0.2	15	108	
7800N					
P 7800E-M		0.2	14	148	
P 7850E-M		0.2	18	136	
P 7900E-M		0.2	14	160	
P 7950E-M		0.2	22	169	
P 8000E-M		0.2	18	200	
P 8050E-M		0.2	17	126	
P 8100E-M		0.2	11	141	
P 8150E-M		0.2	16	246	
P 8200E-M		0.2	7	61	
P 8250E-M		0.2	8	95	
P 8300E-M		0.2	15	130	
P 8350E-M		0.2	14	113	
P 8400E-M		0.2	15	95	
P 8450E-M		0.2	17	129	
P 8500E-M		0.2	12	237	
P 8550E-M		0.2	22	138	
P 8600E-M		0.2	19	192	

SAMPLE NUMBER	ELEMENT UNITS	Ag PPM	Pb PPM	Zn PPM
P 8650E-M		0.3	28	295
P 8700E-M		0.2	15	166
P 8750E-M		0.2	19	117
P 8800E-M		0.2	16	156
P 8850E-M		0.2	13	138
P 8900E-M		0.2	17	186
P 8950E-M		0.2	10	130
P 9000E-M		0.2	17	139
P 9050E-M		0.2	18	485
P 9100E-M		0.2	16	78
P 9150E-M		0.2	19	104
P 9200E-M		0.2	10	61
P 9250E-M		0.2	15	90
P 9300E-M		0.2	22	135
P 9350E-M		0.2	13	113
P 9400E-M		0.2	17	95
P 9450E-M		0.2	12	40
8000N				
P 7800E-MR		0.2	13	65
P 7850E-MR		0.2	6	33
P 7900E-MR		0.2	7	70
P 7950E-MR		0.5	7	34
P 8000E-MR		0.2	7	56
P 8050E-MR		0.2	6	44
P 8100E-MR		0.2	16	91
P 8150E-MR		0.2	8	21
P 8200E-MR		0.2	12	83
P 8250E-MR		0.2	7	67
P 8300E-MR		0.2	5	63
P 8350E-MR		0.2	6	46

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SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM	NOTES
P 8400E-MR		0.2	6	52	
P 8450E-MR		0.3	14	65	
P 8500E-MR		0.2	8	99	
P 8550E-MR		0.2	14	172	
P 8600E-MR		0.2	10	90	
P 8650E-MR		0.2	18	134	
P 8700E-MR		0.2	18	237	
P 8750E-MR		0.2	17	88	
P 8800E-MR		0.2	26	197	
P 8850E-MR		0.2	19	131	
P 8900E-MR		0.2	18	77	
P 8950E-MR		0.2	31	161	
P 9000E-MR		0.4	20	144	
P 9050E-MR		0.2	22	92	
P 9100E-MR		0.3	34	217	
P 9150E-MR		0.2	14	103	
P 9200E-MR		0.2	13	113	
P 9250E-MR		0.2	13	256	
P 9300E-MR		0.2	14	169	
P 9350E-MR		0.2	18	83	
P 9400E-MR		0.2	18	106	
P 9450E-MR		0.2	11	96	
P 9500E-MR		0.2	10	45	
P 9550E-MR		0.2	15	59	
P 9600E-MR		0.2	16	146	
P 9650E-MR		0.2	8	38	
P 9700E-MR		0.2	30	57	
8200N					
P 7900E-MR		0.2	11	78	
P 7950E-MR		0.2	8	69	

SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM
P 8000E-MR		0.2	11	84
P 8050E-MR		0.2	12	49
P 8100E-MR		0.2	8	76
P 8150E-MR		0.2	10	151
P 8200E-MR		0.2	17	201
P 8250E-MR		0.2	11	97
P 8300E-MR		0.3	19	139
P 8350E-MR		0.3	12	133
P 8400E-MR		0.2	12	84
P 8450E-MR		0.2	13	186
P 8500E-MR		0.2	9	102
P 8550E-MR		0.6	26	106
P 8600E-MR		0.2	10	61
P 8650E-MR		2.4	48	249
P 8700E-MR		0.2	91	252
P 8750E-MR		0.3	27	186
P 8800E-MR		0.2	46	173
P 8850E-MR		0.2	13	85
P 8900E-MR		0.2	14	91
P 8950E-MR		0.2	12	70
8400N				
P 7900E-M		0.2	19	116
P 7950E-M		0.2	16	91
P 8000E-M		0.2	26	120
P 8050E-M		0.2	17	98
P 8100E-M		0.2	24	88
P 8150E-M		0.2	16	87
P 8200E-M		0.2	13	91
P 8250E-M		0.2	13	95
P 8300E-M		0.2	12	89

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SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM	NOTES
P 8350E-M		0.2	13	97	
P 8400E-M		0.2	12	78	
P 8450E-M		0.2	12	79	
P 8500E-M		0.2	10	84	
P 8550E-M		0.2	11	80	
P 8600E-M		0.2	12	100	
P 8650E-M		0.2	11	117	
P 8700E-M		0.2	15	114	
P 8750E-M		0.2	13	76	
P 8800E-M		0.2	15	95	
P 8850E-M		0.2	17	124	
P 8900E-M		0.2	13	133	
P 8950E-M		0.2	14	95	
P 9000E-M		0.2	14	90	
P 9050E-M		0.2	15	108	
P 9100E-M		0.2	17	102	
P 9150E-M		0.6	25	118	
P 9200E-M		0.4	20	127	
8600N					
P 8000E-MR		0.2	14	115	
P 8050E-MR		0.2	12	218	
P 8100E-MR		0.2	13	110	
P 8150E-MR		0.2	25	176	
P 8200E-MR		0.2	15	183	
P 8300E-MR		0.2	17	123	
P 8350E-MR		0.2	11	63	
P 8400E-MR		0.2	12	72	
P 8450E-MR		0.2	16	75	
P 8500E-MR		0.2	14	100	
P 8600E-MR		0.2	16	95	

SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM
P 8650E-MR		0.2	15	117
P 8700E-MR		0.2	14	95
P 8750E-MR		0.2	12	72
P 8800E-MR		0.2	13	80
P 8850E-MR		0.2	15	81
P 8900E-MR		0.2	12	96
P 8950E-MR		0.2	11	63
P 9000E-MR		0.3	15	100
P 9050E-MR		0.2	13	87
P 9100E-MR		0.2	12	85
P 9150E-MR		0.2	11	116
P 9200E-MR		0.2	12	62
P 9250E-MR		0.2	17	129
P 9300E-MR		0.2	13	103
P 9350E-MR		0.2	14	88
P 9400E-MR		0.2	14	76
P 9450E-MR		0.2	13	55
P 9500E-MR		0.2	14	109
8800N				
P 8200E-MR		0.3	14	535
P 8250E-MR		0.2	22	239
P 8300E-MR		0.2	16	110
P 8350E-MR		0.2	11	70
P 8400E-MR		0.2	13	181
P 8450E-MR		0.2	6	40
P 8500E-MR		0.2	18	124
P 8550E-MR		0.2	16	121
P 8600E-MR		0.2	13	81
P 8650E-MR		0.2	14	91
P 8750E-MR		0.2	18	127

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Geochemical Lab Report

SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM	NOTES
P 8800E-MR		0.2	15	108	
P 8850E-MR		0.2	14	87	
P 8900E-MR		0.2	13	99	
P 8950E-MR		0.2	10	67	
P 9000E-MR		0.2	12	71	
P 9050E-MR		0.2	17	353	
P 9100E-MR		0.2	15	114	
P 9200E-MR		0.2	12	62	
P 9250E-MR		0.2	12	94	
P 9300E-MR		0.2	16	74	
P 9350E-MR		0.2	13	142	
P 9400E-MR		0.2	13	76	
P 9450E-MR		0.2	21	150	
P 9500E-MR		0.2	15	93	
9000N					
P 8200E-M		0.4	16	372	
P 8250E-M		0.2	10	148	
P 8300E-M		0.2	13	203	
P 8350E-M		0.3	25	243	
P 8400E-M		0.2	12	136	
P 8450E-M		0.2	12	91	
P 8500E-M		0.2	14	114	
P 8550E-M		0.2	13	136	
P 8600E-M		0.2	39	131	
P 8650E-M		0.2	12	77	
P 8700E-M		0.2	13	106	
P 8750E-M		0.2	11	78	
P 8800E-M		0.2	9	60	
P 8850E-M		0.2	11	95	
P 8900E-M		0.2	12	87	

SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM
P 8950E-M		0.4	34	86
P 9000E-M				
P 9050E-M		0.2	9	69
P 9200E-M		0.2	17	125
P 9250E-M		0.2	10	97
P 9300E-M		0.2	11	64
P 9350E-M		0.2	11	90
P 9400E-M		0.2	22	171
P 9450E-M		0.2	16	115
P 9500E-M		0.2	17	130
9200N				
P 8200E-M		0.2	9	97
P 8250E-M		0.2	8	85
P 8300E-M		0.2	8	76
P 8350E-M		0.2	8	59
P 8400E-M		0.4	11	47
P 8550E-M		0.2	8	63
P 8600E-M		0.2	14	106
P 8650E-M		0.2	9	73
P 8700E-M		0.2	14	114
P 8750E-M		0.2	15	103
P 8800E-M		0.2	11	95
P 8850E-M		0.2	13	102
P 8900E-M		0.2	14	90
P 8950E-M		0.2	14	106
P 9000E-M		0.2	11	240
P 9050E-M		0.2	9	59
P 9100E-M		0.2	13	198
P 9150E-M		0.3	12	202
P 9200E-M		0.2	9	86

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SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM	NOTES
P 9250E-M		0.2	13	106	
P 9300E-M		0.2	10	167	
P 9350E-M		0.2	11	59	
P 9400E-M		0.2	12	91	
P 9450E-M		0.2	12	243	
P 9500E-M		0.2	21	214	
P MRJ-001SS		0.7	130	565	
P MRJ-002SS		1.1	142	835	
P MRJ-003SS		0.2	10	64	
P MRK-001SS		0.2	35	128	
P MRK-002SS		0.2	12	82	
P MRK-003SS		0.2	3	40	
P MRL-001SS		0.2	35	93	
P MRL-002SS		0.2	21	263	
P MRL-003SS		0.2	45	117	
P MRL-004SS		0.3	24	79	
P MRL-05S		0.3	65	143	
P MRR-001SS		0.2	37	150	
P MRR-002SS		0.2	67	317	
P MRR-003SS		0.2	65	333	
P MRR-006SS		0.2	27	77	
P MRR-007SS		0.3	56	188	
P MRR-008SS		0.2	33	212	
P MRR-009SS		0.2	29	161	
P MRR-010SS		0.2	31	154	
P MRR-011SS		0.2	8	58	
P MRR-012SS		0.2	8	58	
P MRR-013SS		0.2	9	69	
P MRR-011S		0.2	28	93	
P MRR-012S		0.2	14	82	

SAMPLE NUMBER	ELEMENT UNITS	As PPM	Pb PPM	Zn PPM
P MRR-013S		0.2	26	88
P MRR-014S		0.2	13	35
P MRR-015S		0.2	15	92
P MRR-016S		0.2	30	85
P MRR-017S		0.2	19	90
P MRR-018S		0.2	16	104
P MRR-019S		0.2	17	117
P MRR-020S		0.2	16	94
P MRR-021S		0.2	64	139
P MRR-022S		0.2	18	122
P MRS-106SS		0.2	39	127
P MRT-001SS		0.2	11	75
P MRT-001SS-B		0.2	29	139
P MRT-002SS		0.2	96	875
P MRT-004SS		0.2	19	142
P MRT-005SS		0.4	46	303
P MRT-007SS		0.2	26	106
P MRT-008SS		0.5	29	186
P MRT-009SS		0.2	10	78
P MRT-010SS		0.2	8	58
P MRT-011SS		0.2	11	142
P MRT-012SS		0.2	10	74
P MRT-013SS		0.2	9	69
P MRY-001SS		0.4	88	217
P MRY-002SS		11.0	295	1010
P MRY-003SS		0.3	73	136
P MRY-004SS		0.2	51	36
P MRY-005SS		0.2	41	158
P MRY-012SS		0.2	10	130

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REPORT: 122-1485 PROJECT: MR

SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	As PPM	Ba PPM	NOTES
R MRS-112R		1320	400	0.4	4500	
R MRY-007R		301	72	0.2	4610	
R MRY-008R		174	263	0.5	1280	
R MRY-009R		2065	420	> 50.0	190	
R MRY-010R		51	44	0.2	790	
R MRY-011R		84	760	2.7	5740	
R MRY-013R		49	1500	0.3	330	

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REPORT: 122-3195 PROJECT: MR

SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM	NOTES	SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM
P 64E-2600N		91	108	0.2		P 2600N-6650E		470	205	2.8
P 64E-2650N		81	120	0.4		P 2800N-6450E		116	199	0.8
P 64E-2700N		97	201	0.2		P 2800N-6500E		191	250	0.7
P 64E-2750N		63	205	0.4		P 2800N-6550E		224	440	1.0
P 64E-2800N		73	188	0.4		P 2800N-6600E		151	410	0.6
P 64E-2850N		96	197	0.6		P 2800N-6650E		169	348	0.8
P 64E-2900N		144	291	0.8		P 3000N-6450E		100	284	0.3
P 64E-2950N		126	155	0.6		P 3000N-6500E		248	252	1.1
P 64E-3000N		145	293	0.6		P 3000N-6550E		116	291	0.6
P 64E-3050N		116	215	0.7		P 3000N-6600E		268	640	0.4
P 64E-3100N		187	470	0.2		P 3000N-6650E		245	198	0.7
P 64E-3150N		163	120	0.8		P 3000N-6700E		317	392	0.9
P 64E-3200N		130	384	0.5		P 3000N-6750E		400	520	0.3
P 64E-3250N		131	505	0.4		P 3000N-6800E		173	230	0.7
P 64E-3300N		194	670	0.3		P 3000N-6850E		235	287	0.6
P 64E-3350N		122	460	0.2		P 3000E-3200N		59	121	0.2
P 64E-3400N		131	400	0.2		P 3000E-3250N		95	460	0.5
P 64E-3450N		245	740	0.6		P 3000E-3300N		43	119	0.2
P 64E-3500N		270	770	1.0		P 3000E-3350N		278	535	1.1
P 64E-3550N		635	1050	0.7		P 3000E-3400N		25	67	0.2
P 64E-3600N		125	755	0.7		P 3000E-3450N		81	160	0.3
P 64E-3650N		113	460	0.2		P 3000E-3500N		67	160	0.4
P 64E-3700N		114	585	0.6		P 3000E-3550N		55	81	0.3
P 64E-3750N		97	385	0.2		P 3000E-3600N		58	170	0.2
P 64E-3800N		133	475	0.4		P 3000E-3650N		34	92	0.2
P 64E-3850N		200	1085	0.8		P 3200N-6450E		183	271	0.6
P 64E-3900N		149	770	0.6		P 3200N-6500E		206	292	0.5
P 64E-3950N		163	915	0.6		P 3200N-6550E		272	321	0.8
P 64E-4000N		92	500	0.2		P 3200N-6600E		218	332	0.6
P 64E-4050N		139	1155	0.5		P 3200N-6650E		177	470	0.6
P 64E-4100N		80	630	0.4		P 3200N-6700E		198	390	1.0
P 64E-4150N		71	299	0.2		P 3200N-6750E		95	234	0.3
P 64E-4200N		83	225	0.2		P 3200N-6800E		125	620	0.5
P 64E-4250N		110	188	0.2		P 3200N-6850E		249	227	1.3
P 2200N-6550E		575	955	1.6		P 3200E-3200N		106	182	0.6
P 2600N-6400E		83	148	0.2		P 3200E-3250N		685	900	1.6
P 2600N-6450E		38	54	0.2		P 3200E-3300N		178	420	0.9
P 2600N-6500E		54	113	0.2		P 3200E-3350N		102	319	0.3
P 2600N-6550E		40	117	0.2		P 3200E-3400N		101	262	0.3
P 2600N-6600E		197	690	0.6		P 3200E-3450N		120	188	0.2

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REPORT: 122-3195 PROJECT: MR

SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM	NOTES	SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM
P 3200E-3500N		53	152	0.2		P 3800E-3750N		77	122	0.4
P 3200E-3550N		43	132	0.2		P 3800E-3800N		60	102	0.3
P 3200E-3600N		30	96	0.2		P 3800E-3850N		46	107	0.2
P 3200E-3650N		35	128	0.2		P 3800E-4050N		50	125	0.4
P 3400N-6500E		318	805	0.5		P 4000N-6450E		89	595	0.6
P 3400N-6550E		161	550	0.3		P 4000N-6500E		119	755	0.8
P 3400N-6600E		81	281	0.2		P 4000N-6550E		170	840	0.4
P 3400N-6650E		90	301	0.2		P 4000N-6600E		119	575	0.9
P 3400N-6700E		92	310	0.2		P 4000N-6650E		78	570	0.2
P 3400N-6750E		88	379	0.3		P 4000N-6700E		269	1345	0.8
P 3400N-6800E		171	355	0.4		P 4000N-6750E		304	895	1.0
P 3400N-6850E		108	379	0.2		P 4000N-6800E		107	480	0.5
P 3600N-6450E		143	700	0.4		P 4000N-6850E		77	1010	0.6
P 3600N-6500E		565	865	0.4		P 4000E-4000N		41	61	0.2
P 3600N-6550E		263	885	0.2		P 4000E-4050N		54	123	0.2
P 3600N-6600E		171	395	0.5		P 4000E-4100N		51	125	0.3
P 3600N-6650E		148	356	0.2		P 4200N-6500E		128	273	0.2
P 3600N-6700E		204	750	0.5		P 4200N-6550E		126	955	0.4
P 3600N-6750E		189	600	0.2		P 4200N-6600E		65	525	0.6
P 3600N-6800E		159	695	0.5		P 4200N-6650E		142	850	0.5
P 3600N-6850E		169	540	0.5		P 4200N-6700E		129	485	0.4
P 3800N-6500E		91	575	0.4		P 4200N-6750E		92	440	0.2
P 3800N-6550E		108	500	0.4		P 4200N-6800E		113	630	0.4
P 3800N-6600E		135	455	0.4		P 4200N-6850E		85	388	0.6
P 3800N-6650E		206	820	0.5		P 4200E-3200N		17	90	0.2
P 3800N-6700E		173	675	0.2		P 4200E-3250N		65	143	0.6
P 3800N-6750E		120	740	0.2		P 4200E-3300N		84	124	0.4
P 3800N-6800E		174	1235	0.9		P 4200E-3350N		60	107	0.2
P 3800N-6850E		164	765	1.1		P 4200E-3400N		78	170	0.3
P 3800E-3200N		18	88	0.2		P 4200E-3450N		79	130	0.6
P 3800E-3250N		17	84	0.2		P 4200E-3500N		90	132	0.4
P 3800E-3300N		41	233	0.5		P 4200E-3550N		116	165	0.6
P 3800E-3350N		34	103	0.4		P 4200E-3600N		85	117	0.4
P 3800E-3400N		38	137	0.2		P 4200E-3650N		78	141	0.6
P 3800E-3450N		65	81	0.4		P 4200E-3700N		197	214	0.9
P 3800E-3500N		103	198	0.2		P 4400E-4350N		505	700	4.4
P 3800E-3550N		36	129	0.2		P 4600E-2450N		38	236	0.2
P 3800E-3600N		35	25	0.2		P 4600E-2500N		42	273	0.2
P 3800E-3650N		90	113	0.3		P 4600E-2550N		27	277	0.2
P 3800E-3700N		85	101	0.2		P 4600E-2600N		24	183	0.2

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REPORT: 122-3195 PROJECT: MR

NOTES

SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM
P 4600E-2650N		22	102	0.2
P 4600E-2700N		21	110	0.2
P 4600E-2750N		19	89	0.2
P 4600E-2800N		20	67	0.2
P 4800E-2450N		490	835	0.5
P 4800E-2500N		57	262	0.2
P 4800E-2550N		15	98	0.2
P 4800E-2600N		25	195	0.2
P 4800E-2650N		41	415	0.2
P 4800E-2700N		17	123	0.2
P 4800E-2750N		20	123	0.2
P 4800E-2800N		16	65	0.2
P 5000E-2450N		212	377	0.2
P 5000E-2500N		325	316	1.0
P 5000E-2550N		37	149	0.2
P 5000E-2600N		55	158	0.2
P 5000E-2650N		52	173	0.2
P 5000E-2700N		12	137	0.2
P 5000E-2750N		77	370	0.2
P 5000E-2800N		20	120	0.3
P 5000E-3900N		50	231	0.2
P 5000E-3950N		49	86	0.3
P 5000E-4000N		57	103	0.2
P 5000E-4050N		74	287	0.2
P 5000E-4100N		97	208	0.6
P 5000E-4150N		78	150	0.3
P 5200E-3900N		31	130	0.2
P 5200E-3950N		40	104	0.2
P 5200E-4000N		30	135	0.2
P 5200E-4050N		31	133	0.2
P 5200E-4100N		118	212	0.2
P 5200E-4150N		82	162	0.3
P 5200E-4200N		45	109	0.2
P 5200E-4250N		64	172	0.2

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REPORT: 122-3203 PROJECT: MR

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	As PPM	Au PPB	Ba PPM	N
R MR3400E/4450N		6	430	450	1.4	10	820	
R MRJ108R		14	16	99	0.2	<5	800	
R MRY014R		10	22	144	0.2	<5	400	
R MRY015R		6	234	1370	2.6	<5	190	
R MRY016R		14	39	208	0.3	<5	900	

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REPORT: 122-3426 PROJECT: MR

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	As PPM	Au PPB	Ba PPM	NOTES
R 77232		700	23.0	15	2870	

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REPORT: 122-3504 PROJECT: MR

SAMPLE NUMBER	ELEMENT UNITS	Cu PPM	Pb PPM	Zn PPM	Ag PPM	Au PPB	Ba PPM
S MRY-017S		42	141	236	2.3	15	800

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REPORT: 422-3221 PROJECT: M R

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	Ag OPT	Cu PCT	Pb PCT	Zn PCT	Ba PCT	N
R 77208		<0.002	1.50	<0.01	0.17	40.50	0.07	
R 77209		<0.002	1.07	<0.01	0.15	1.12	0.08	
R 77210		0.002	6.07	0.15	0.62	34.25	0.05	

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REPORT: 422-3426 PROJECT: MR

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	As OPT	Cu PCT	Pb PCT	Zn PCT	Ba PCT
R 77232					0.08	0.08	
R 77241		0.002	0.93	0.09	0.43	12.70	0.03
R 77242		0.002	0.67	<0.01	0.08	20.42	0.02

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REPORT: 522-3426 PROJECT: MR

SAMPLE NUMBER	ELEMENT UNITS	Mn PCT	NOTES
R 77241		14.00	
R 77242		0.24	

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REPORT: 422-3426 PROJECT: MR

SAMPLE NUMBER	ELEMENT UNITS	Au OPT	As OPT	Cu PCT	Pb PCT	Zn PCT	Ba PCT	NO
R 77232					0.08	0.08		
R 77241		0.002	0.93	0.09	0.43	12.70	0.03	
R 77242		0.002	0.67	<0.01	0.08	20.42	0.02	

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REPORT: 622-1485 PROJECT: MR

SAMPLE NUMBER	ELEMENT UNITS	As OPT	NOTES
R MRY-009R		3.60	

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Canada V7P 2R5
Phone: (604) 985-0681
Telex: 04-352667

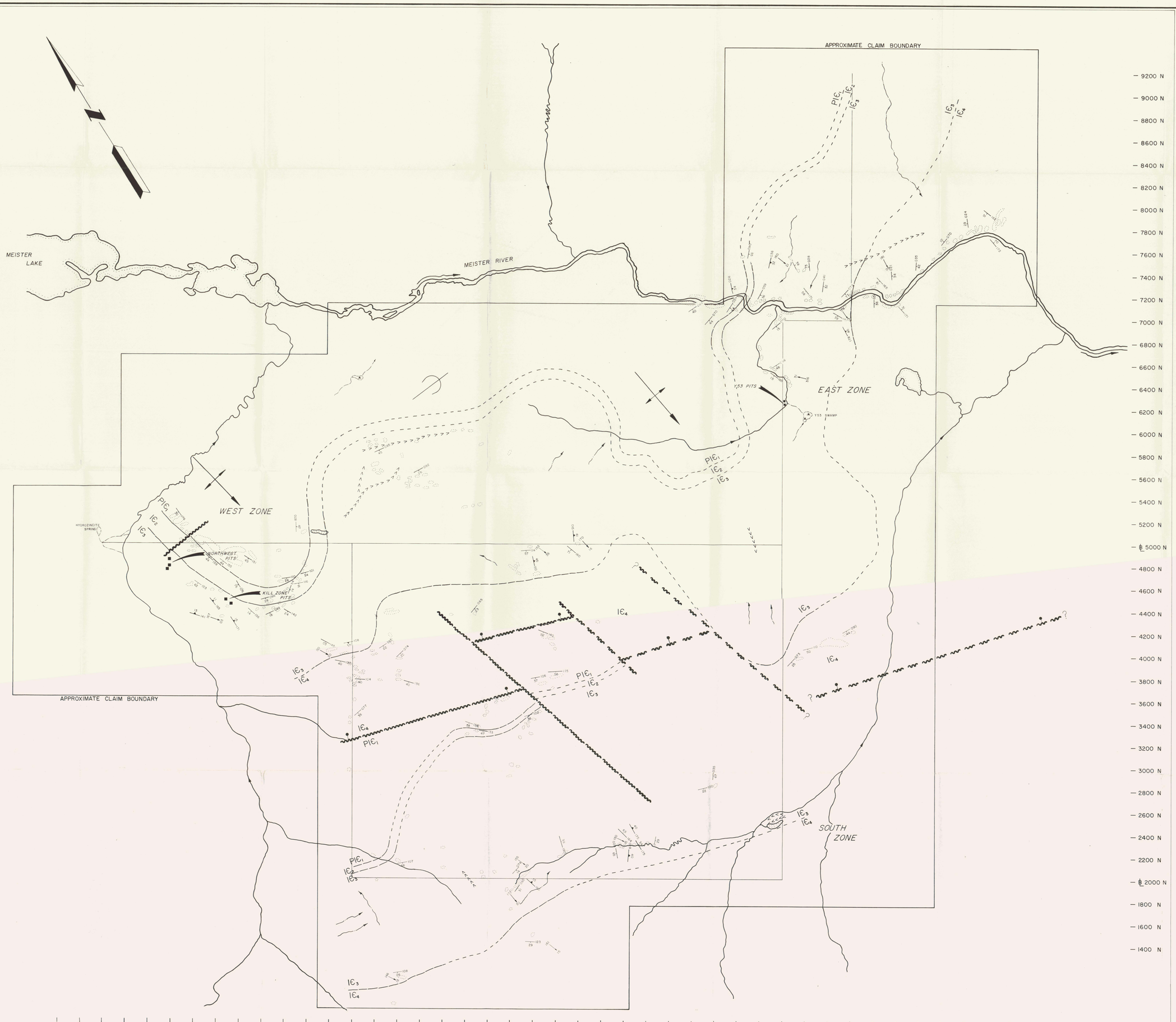
BONDAR-CLEGG

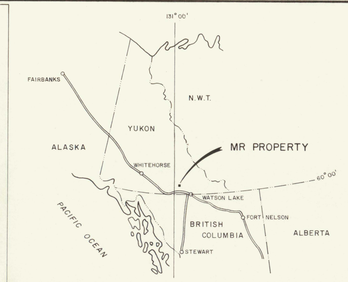
Cer
of A

REPORT: 522-3426 PROJECT: MR

SAMPLE NUMBER	ELEMENT UNITS	Mn PCT	NOTES
R 77241		14.00	
R 77242		0.24	

Registered Assayer, Province of Briti





LEGEND

- IC_4 ATAN GROUP: LIMESTONE, DOLOSTONE AND MARBLE
  Platy to blocky limestone and buff weathering dolostone. Coarsely-crystalline facies common. Frequent phyllite laminae. Local thin calcarenite beds.
- IC_3 PHYLLITE, LIMESTONE / MARBLE, SCHIST
  Well foliated, graphitic phyllite, locally calcareous, silty and/or sericitic, interbedded to interlaminated with white to light grey limestone and/or marble. Minor calc-schist and quartz-biotite schist. Hosts Zn-Pb-Ag mineralization.
- IC_2 QUARTZITE AND PHYLLITE
  Transitional unit: micaceous, "dirty" quartzite interbedded to interlaminated with pale green to black, silty phyllite. Local quartz-mica schist.
- PIC_1 WINDERMERE SUPER-GROUP ("GRIT UNIT"): QUARTZITE
  Thick-bedded, "clean", white quartzite. Minor thin interbeds of phyllite and quartz-mica schist. Local graded bedding.

EXPLANATION

CONTACTS
- DEFINED
- APPROXIMATE
- ASSUMED

FAULTS
- DEFINED
- APPROXIMATE
- ASSUMED

- PLUNGING ANTICLINE
- TREND AND PLUNGE OF MINOR FOLD AXIS
- BEDDING ATTITUDE
- CLEAVAGE ATTITUDE
- ESKER
- OUTCROP
- PIT
- DIRECTION OF ICE MOVEMENT (EXTRAPOLATION)

NOTE:
DRAINAGES FROM McELHANNEY AIRPHOTO MOSAIC
DECLINATION (1982) 31°10' EAST

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
M. H. SANGUINETTI

REGIONAL RESOURCES LTD.

GEOLOGY

MR CLAIM GROUP

WOLF LAKE MAP AREA, N.T.S. 105B/8

WATSON LAKE MINING DISTRICT, YUKON TERRITORY

SCALE = 1:10,000

200 0 200 400 600 METRES

BY
CORDILLERAN ENGINEERING
1418—355 BURRARD STREET
VANCOUVER, B.C. V6C 2G8

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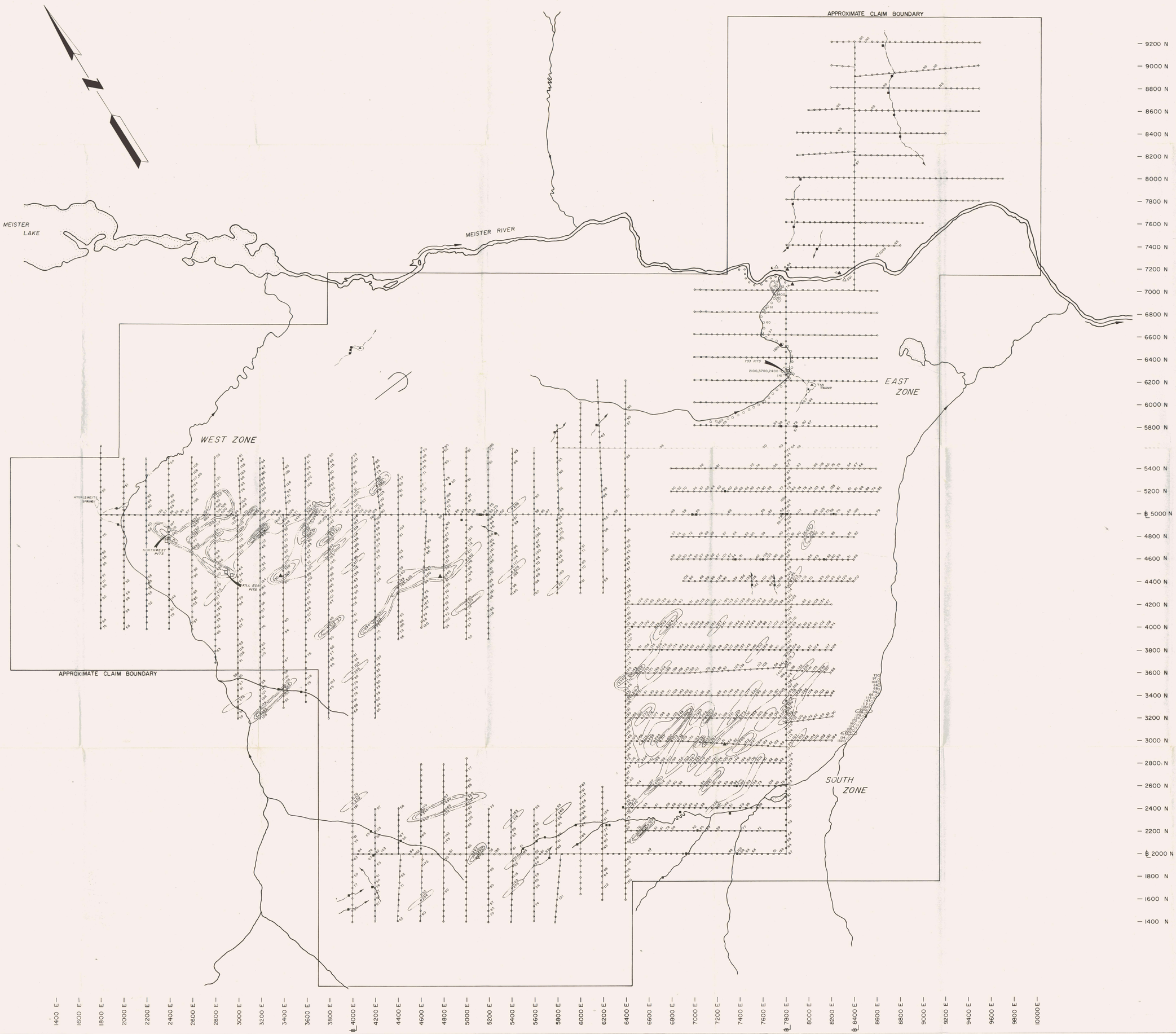
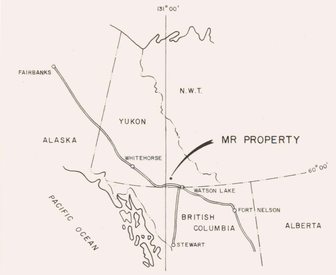
OCTOBER 1982

PLATE: I





EXPLANATION

- SOIL SAMPLE STATION, (50 METRE INTERVALS)
- NS NO SAMPLE
- STREAM SEDIMENT SAMPLE
- ROCK SAMPLE (IN PLACE)
- ROCK SAMPLE (FLOAT)
- 200 ppm CONTOUR
- 265 ppm CONTOUR
- 1050 ppm CONTOUR

Pb CONCENTRATION IN P.P.M.

- BACKGROUND 0 — 200
- WEAKLY ANOMALOUS 201 — 265
- MODERATELY ANOMALOUS 266 — 290
- ANOMALOUS 291 — 1050
- STRONGLY ANOMALOUS > 1050

VALUES LESS THAN 50 ppm Pb HAVE NOT BEEN PLOTTED. RESULTS INCLUDE SAMPLES COLLECTED IN 1981.

DIRECTION OF ICE MOVEMENT (EXTRAPOLATED)

NOTE:
DRAINAGES FROM MCELHANNEY AIRPHOTO MOSAIC
DECLINATION (1982) 30°10' EAST

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
M. H. SANGUINETTI

REGIONAL RESOURCES LTD.

LEAD GEOCHEMISTRY 092I 4 E

MR CLAIM GROUP

WOLF LAKE MAP AREA, N.T.S. 105B/8

WATSON LAKE MINING DISTRICT, YUKON TERRITORY

SCALE = 1:10,000

200 0 200 400 600 METRES

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OCTOBER 1982

PLATE 2

APPROXIMATE CLAIM BOUNDARY

MEISTER LAKE

MEISTER RIVER

WEST ZONE

EAST ZONE

SOUTH ZONE

HYDROZINCITE SPRING

NORTHWEST PITS

KILL ZONE PITS

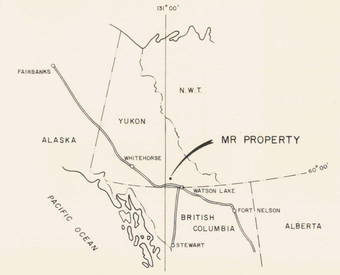
Y53 PITS

Y53 SWAMP

APPROXIMATE CLAIM BOUNDARY

9200 N
9000 N
8800 N
8600 N
8400 N
8200 N
8000 N
7800 N
7600 N
7400 N
7200 N
7000 N
6800 N
6600 N
6400 N
6200 N
6000 N
5800 N
5600 N
5400 N
5200 N
5000 N
4800 N
4600 N
4400 N
4200 N
4000 N
3800 N
3600 N
3400 N
3200 N
3000 N
2800 N
2600 N
2400 N
2200 N
2000 N
1800 N
1600 N
1400 N

1400 E
1600 E
1800 E
2000 E
2200 E
2400 E
2600 E
2800 E
3000 E
3200 E
3400 E
3600 E
3800 E
4000 E
4200 E
4400 E
4600 E
4800 E
5000 E
5200 E
5400 E
5600 E
5800 E
6000 E
6200 E
6400 E
6600 E
6800 E
7000 E
7200 E
7400 E
7600 E
7800 E
8000 E
8200 E
8400 E
8600 E
8800 E
9000 E
9200 E
9400 E
9600 E
9800 E
10000 E



EXPLANATION

- SOIL SAMPLE STATION (50 METRE INTERVALS)
- NS NO SAMPLE
- STREAM SEDIMENT SAMPLE
- ROCK SAMPLE (IN PLACE)
- ROCK SAMPLE (FLOAT)
- 750ppm CONTOUR
- 970ppm CONTOUR
- 1800ppm CONTOUR
- 4800ppm CONTOUR

Zn CONCENTRATION IN P.P.M.

- BACKGROUND 0 — 750
- WEAKLY ANOMALOUS 751 — 970
- MODERATELY ANOMALOUS 971 — 1800
- ANOMALOUS 1801 — 4800
- STRONGLY ANOMALOUS >4800

VALUES LESS THAN 150ppm Zn HAVE NOT BEEN PLOTTED. RESULTS INCLUDE SAMPLES COLLECTED IN 1981.

DIRECTION OF ICE MOVEMENT (EXTRAPOLATED)

NOTE
DRAINAGES FROM MITCHANNEY AIRPHOTO MOSAIC
DECLINATION (1982) 32° 10' EAST

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
M. H. SANGUINETTI

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ZINC GEOCHEMISTRY

MR CLAIM GROUP

WOLF LAKE MAP AREA, N.T.S. 105B/8

WATSON LAKE MINING DISTRICT, YUKON TERRITORY

SCALE 1 : 10,000

200 0 200 400 600 METRES

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VANCOUVER, B.C. V6C 2G8

OCTOBER 1982

PLATE 3

APPROXIMATE CLAIM BOUNDARY

MEISTER LAKE

MEISTER RIVER

WEST ZONE

EAST ZONE

SOUTH ZONE

HYDROZINCITE SPRING

NORTHWEST PITS

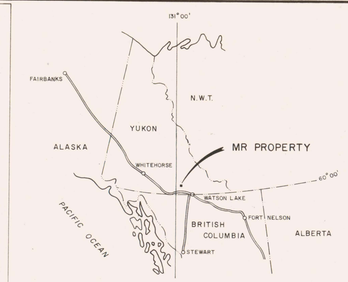
153 PITS

153 SWAMP

APPROXIMATE CLAIM BOUNDARY

9200 N
9000 N
8800 N
8600 N
8400 N
8200 N
8000 N
7800 N
7600 N
7400 N
7200 N
7000 N
6800 N
6600 N
6400 N
6200 N
6000 N
5800 N
5600 N
5400 N
5200 N
5000 N
4800 N
4600 N
4400 N
4200 N
4000 N
3800 N
3600 N
3400 N
3200 N
3000 N
2800 N
2600 N
2400 N
2200 N
2000 N
1800 N
1600 N
1400 N

1400 E 1600 E 1800 E 2000 E 2200 E 2400 E 2600 E 2800 E 3000 E 3200 E 3400 E 3600 E 3800 E 4000 E 4200 E 4400 E 4600 E 4800 E 5000 E 5200 E 5400 E 5600 E 5800 E 6000 E 6200 E 6400 E 6600 E 6800 E 7000 E 7200 E 7400 E 7600 E 7800 E 8000 E 8200 E 8400 E 8600 E 8800 E 9000 E 9200 E 9400 E 9600 E 9800 E 10000 E



EXPLANATION

- SOIL SAMPLE STATION (50 METRE INTERVALS)
- NS NO SAMPLE
- STREAM SEDIMENT SAMPLE
- ROCK SAMPLE (IN PLACE)
- △ ROCK SAMPLE (FLOAT)
- 1.10 ppm CONTOUR
- 1.40 ppm CONTOUR
- 2.00 ppm CONTOUR
- 11.99 ppm CONTOUR

Ag CONCENTRATION IN P.P.M.

- BACKGROUND 0 — 1.09
- WEAKLY ANOMALOUS 1.10 — 1.39
- MODERATELY ANOMALOUS 1.40 — 1.99
- ANOMALOUS 2.00 — 11.99
- STRONGLY ANOMALOUS > 11.99

VALUES LESS THAN 0.3 ppm Ag HAVE NOT BEEN PLOTTED.
RESULTS INCLUDE SAMPLES COLLECTED IN 1981.

→ DIRECTION OF ICE MOVEMENT (EXTRAPOLATED)

NOTE:
DRAINAGES FROM McELHANNEY AIRPHOTO MOSAIC
DECLINATION (1982) 31°10' EAST

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PROVINCE OF BRITISH COLUMBIA
M. H. SANGUINETTI

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SILVER GEOCHEMISTRY

MR CLAIM GROUP

091419

WOLF LAKE MAP AREA, N.T.S. 105B/8

WATSON LAKE MINING DISTRICT, YUKON TERRITORY

SCALE 1:10,000

200 0 200 400 600 METRES

BY
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VANCOUVER, B.C. V6C 2G8

OCTOBER 1982

PLATE 4

APPROXIMATE CLAIM BOUNDARY

MEISTER LAKE

MEISTER RIVER

WEST ZONE

EAST ZONE

SOUTH ZONE

Y53 PITS

Y53 SWAMP

HYDROZINCITE SPRING

NORTHWEST PITS

KILL ZONE PITS

APPROXIMATE CLAIM BOUNDARY

1000

100

9200 N
9000 N
8800 N
8600 N
8400 N
8200 N
8000 N
7800 N
7600 N
7400 N
7200 N
7000 N
6800 N
6600 N
6400 N
6200 N
6000 N
5800 N
5600 N
5400 N
5200 N
5000 N
4800 N
4600 N
4400 N
4200 N
4000 N
3800 N
3600 N
3400 N
3200 N
3000 N
2800 N
2600 N
2400 N
2200 N
2000 N
1800 N
1600 N
1400 N

1400 E
1600 E
1800 E
2000 E
2200 E
2400 E
2600 E
2800 E
3000 E
3200 E
3400 E
3600 E
3800 E
4000 E
4200 E
4400 E
4600 E
4800 E
5000 E
5200 E
5400 E
5600 E
5800 E
6000 E
6200 E
6400 E
6600 E
6800 E
7000 E
7200 E
7400 E
7600 E
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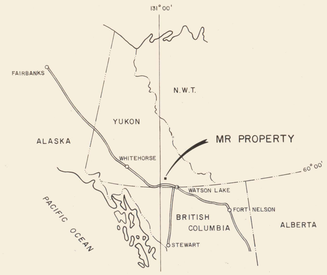
9600 E
9800 E
10000 E



EXPLANATION

RESISTIVITY:

CONTOURS AT 100 AND 1000 OHM-M

ELECTROMAGNETICS:

X POSSIBLE CONDUCTOR

○ CONDUCTOR: GRADED 1-WEAK TO 6-VERY STRONG

(ADAPTED FROM DIGHEM II SURVEY, MAY 1981.)

NOTE:
DRAINAGES FROM McELHANNEY AIRPHOTO MOSAIC
DECLINATION (1982) 31° 10' EAST

PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
M. H. SANGSTER

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AIRBORNE RESISTIVITY AND ELECTROMAGNETICS 091419
MR CLAIM GROUP

WOLF LAKE MAP AREA, N.T.S. 105B/8
WATSON LAKE MINING DISTRICT, YUKON TERRITORY

SCALE 1:10,000
200 0 200 400 600 METRES

BY
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VANCOUVER, B.C. V6C 2G8

OCTOBER 1982

PLATE 5

APPROXIMATE CLAIM BOUNDARY

MEISTER LAKE

MEISTER RIVER

WEST ZONE

EAST ZONE

SOUTH ZONE

Y53 PITS

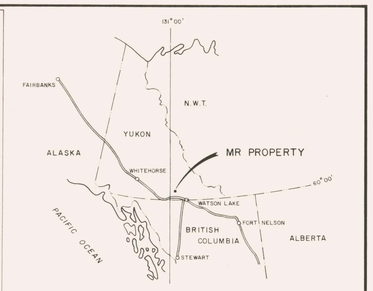
Y53 SWAMP

HYDROZINCITE SPRING

NORTHWEST PITS

KILL ZONE PITS

APPROXIMATE CLAIM BOUNDARY



LEGEND

IC_4 ATAN GROUP: LIMESTONE, DOLOSTONE AND MARBLE
Platy to blocky limestone and buff weathering dolostone. Coarsely-crystalline facies common. Frequent phyllite laminae. Local thin calcarenite beds.

IC_3 PHYLLITE, LIMESTONE / MARBLE, SCHIST
Well foliated, graphitic phyllite, locally calcareous, silty and/or sericitic, interbedded to interlaminated with white to light grey limestone and/or marble. Minor calc-schist and quartz-biotite schist. Hosts Zn-Pb-Ag mineralization.

IC_2 QUARTZITE AND PHYLLITE
Transitional unit micaceous, "dirty" quartzite interbedded to interlaminated with pale green to black, silty phyllite. Local quartz-mica schist.

PIC_1 WINDERMERE SUPER-GROUP ("GRIT UNIT") QUARTZITE
Thick bedded, "clean", white quartzite. Minor thin interbeds of phyllite and quartz-mica schist. Local graded bedding.

EXPLANATION

CONTACTS
- DEFINED
- APPROXIMATE
- ASSUMED

FAULTS
- DEFINED
- APPROXIMATE
- ASSUMED

GEOCHEMISTRY
- Pb 265ppm CONTOUR
- Zn 970ppm CONTOUR
- Ag 1.40ppm CONTOUR

GEOPHYSICS
- 1000 RESISTIVITY CONTOUR AT 1000 OHM-M
- X EM POSSIBLE CONDUCTOR
- EM CONDUCTOR: 1 WEAK TO 6 VERY STRONG
- PLUNGING ANTICLINE
- BEDDING ATTITUDE
- TREND AND PLUNGE OF MINOR FOLD AXIS
- PIT
- DIRECTION OF ICE MOVEMENT (EXTRAPOLATION)

NOTE:
DRAINAGES FROM McELHANNEY AIRPHOTO MOSAIC
DECLINATION (1982) 30°10' EAST

PROFESSIONAL ENGINEER — PROVINCE OF BRITISH COLUMBIA — M. H. SANGUINETTI

REGIONAL RESOURCES LTD.

COMPILATION

091419

MR CLAIM GROUP

WOLF LAKE MAP AREA, N.T.S. 105B/8

WATSON LAKE MINING DISTRICT, YUKON TERRITORY

SCALE = 1:10,000

200 0 200 400 600 METRES

BY
CORDILLERAN ENGINEERING
1418—355 BURRARD STREET
VANCOUVER, B.C. V6C 2G8

OCTOBER 1982

PLATE 6