

**GEOLOGICAL, GEOCHEMICAL, GEOPHYSICAL AND
OVERBURDEN DRILLING REPORT on the MR CLAIM GROUP**

VOLUME I of II (Text & Plates)

Watson Lake Mining Division, Y.T.

NTS: 105/B-1,8; Latitude 60°17'N; Longitude 130°18'W

Date Submitted: FEBRUARY, 1985

091614

YUKON 1984 ASSESSMENT

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This report has been examined by
the Geological Evaluation Unit
under Section 53 (4) Yukon Quartz
Mining Act and is allowed as
representation work in the amount
of \$ 88,400.

DSEmond

for Regional Manager, Exploration and
Geological Services for Commissioner
of Yukon Territory.

I hereby approve
costs for geological,
geochemical and
geophysical work per-
formed and recommend
approval for
overburden drilling
costs

DSEmond
Mar 27/85

VOLUME I - TEXT & PLATES

VOLUME II - APPENDICES

A S S E S S M E N T R E P O R T
G E O L O G I C A L , G E O C H E M I C A L , G E O P H Y S I C A L A N D
O V E R B U R D E N D R I L L I N G R E P O R T

O N T H E

M R C L A I M G R O U P

W A T S O N L A K E M I N I N G D I S T R I C T , Y U K O N T E R R I T O R Y

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F O R

OWNER: REGIONAL RESOURCES LTD.
 under option to
 Getty Canadian Metals, Limited.

OPERATOR: REGIONAL RESOURCES LTD.

CONSULTANT: CORDILLERAN ENGINEERING

By

Michael A. Stammers, B.A.
Geologist

Cordilleran Engineering
1980 - 1055 West Hastings Street
Vancouver, B.C. V6E 2E9

091614

Date Submitted: February 1985

Field Period: June 13, 1984 to July 26, 1984

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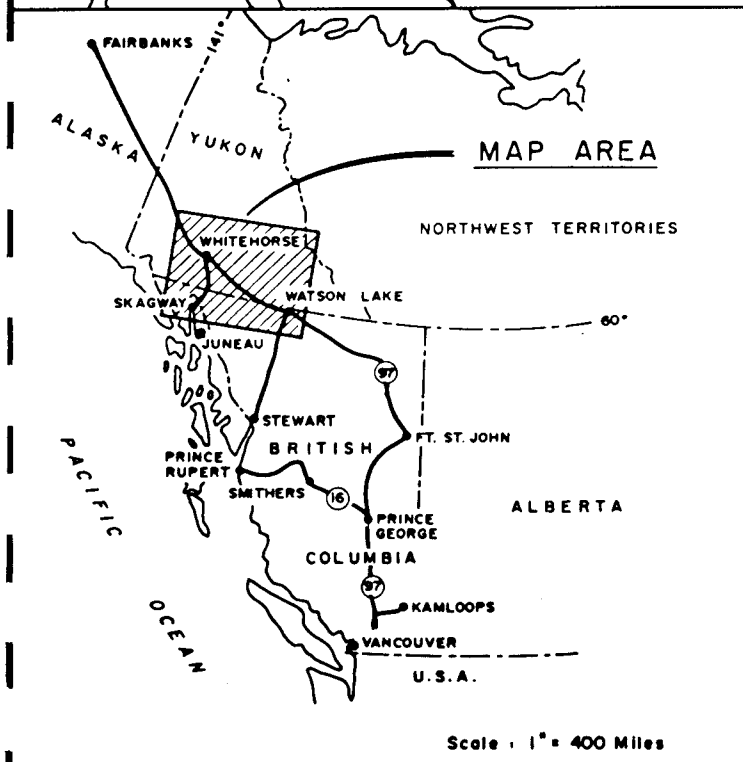
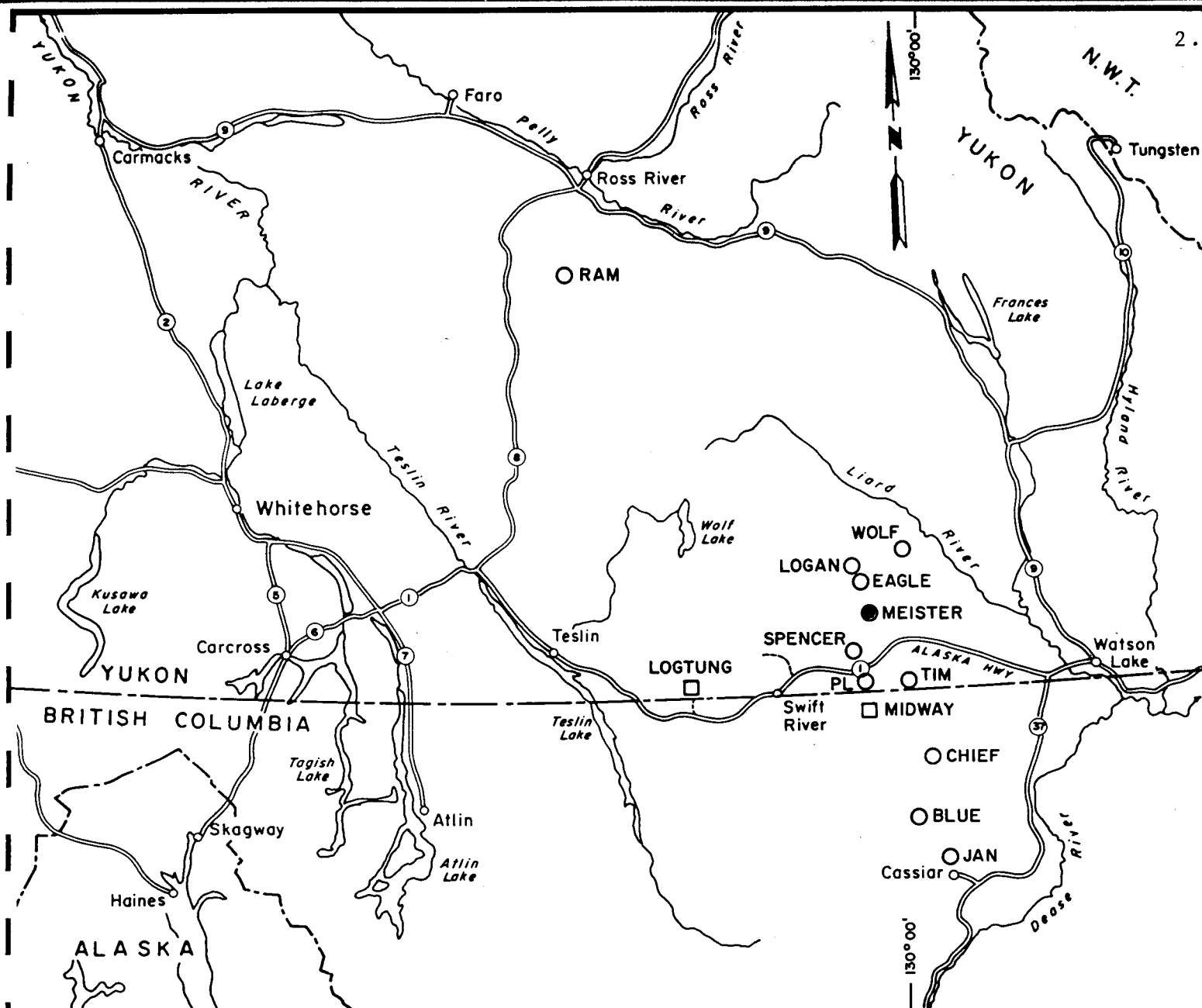
CHAPTER 1.0

SUMMARY AND CONCLUSIONS

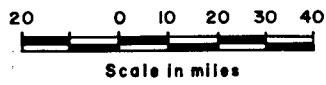
The MR lead-zinc-silver property consists of 410 contiguous claims in the Watson Lake Mining District (N.T.S. 105 B-1/8). The claims are located 90 kilometers west of Watson Lake, Yukon Territory and immediately south and east of Meister Lake (Figure 1). The property is situated 14 kilometers northwest of Kilometer 1110 of the Alaska Highway. Staking of the MR claims was initiated in July 1981 and completed by July 1984. Property acquisition and subsequent exploration work have been conducted by Cordilleran Engineering on behalf of Regional Resources Ltd. The MR property is currently under option to Getty Canadian Metals, Limited.

The claims cover forest and minor subalpine terrain with gentle to moderate relief. A four-wheel drive road originating from the Alaska Highway provides access to the West Showing and 1983 camp. Access during the past field season was provided by helicopter to a camp located in the South Zone.

Work performed during the 1984 field season included grid preparation, aerial photography, soil geochemical surveys, induced polarization geophysical surveys, geological mapping and overburden drilling over the eastern half of the MR property.



REGIONAL RESOURCES LTD.
**PROPERTY LOCATION
 MAP**



BY
CORDILLERAN ENGINEERING
 1980-1055 W. HASTINGS STREET
 VANCOUVER, B.C. V6E 2E9

Previous work conducted on the property in 1981, 1982 and 1983 included grid preparation, geological mapping, prospecting, soil geochemistry, ground and airborne geophysical surveys, trenching and diamond drilling.

This report is mainly concerned with the South Zone which is underlain by a folded, faulted and metamorphosed sequence of Lower Cambrian or Earlier sedimentary rocks. Combined results from geophysical surveys, overburden drilling and soil geochemistry have outlined four anomalous areas or targets in the South Zone (Plate 8).

Area 1, centered at 58+00E, 38+00N is defined by highly anomalous lead-zinc-silver geochemistry from overburden drill holes with values to 9286 ppm Pb, 12800 ppm Zn and 3.6 ppm Ag. An oxide-rich quartzite sample collected from the drill-indicated bedrock interface assayed 5.60% lead, 0.14% zinc and 0.44 oz/ton silver.

Target area 2, currently the largest and most important of the four anomalous areas, is centered at 58+00E, 33+00N. A Phase IP anomaly indicating a sulfide source is coincident with significant lead-zinc-silver geochemistry from overburden drill holes with values to 1450 ppm Pb, >20000 ppm Zn and 4.2 ppm Ag. An oxide-bearing limestone sample collected from the drilled bedrock interface assayed 0.18% Pb, 2.85% Zn and 0.04 oz/ton Ag.

Target 3, centered at 68+50E, 33+00N is associated with mineralized float occurrences of smithsonite and zinc-bearing oxides. Overburden drilling and detailed soil geochemistry have returned very significant results to 2100 ppm lead, 8560 ppm zinc and 7.4 ppm silver. Rock samples collected from the phyllite-bearing, probable bedrock interface ran up to 5.6 % zinc, 0.74% lead and 0.58 oz/ton silver.

Area 4, centered at 74+00E, 29+00N is underlain by highly anomalous silver geochemistry and by definite, conventional and Phase IP anomalies. Values to 760 ppm lead, 1120 ppm zinc and 21.0 ppm silver have been recorded from samples collected from overburden drilling. Interpretation of the Phase IP anomalies indicate a probable sulfide rather than graphite conductor source.

In conclusion, the potential for locating a replacement type, carbonate-hosted lead-zinc-silver deposit, similar to that of the nearby Midway project of Regional Resources Ltd., in the South Zone of the MR property is excellent. Retention of the entire MR claim group is advised and further work including diamond drilling and bulldozer trenching is strongly recommended.

CHAPTER 2.0

RECOMMENDATIONS

Future work on the MR property should include the following:

1. Conventional and Phase, Induced Polarization surveys in the South Zone to complete and close off known anomalies.
2. Backhoe trenching over target areas 1, 2, 3 and 4 in the South Zone to test the surface expression of geochemical and geophysical anomalies. Trenches will provide important geological background data and should be systematically mapped and sampled.
3. Diamond drilling should include an initial minimum allowance of 1000 metres of NQ wireline. Two holes in target 2 should be drilled to test the subsurface expression of strong Phase IP and moderate geochemical anomalies from an initial setup on line 58+00E. Additional diamond drilling should be completed in target areas 1, 3 and 4 to test geochemical and geophysical anomalies.

Respectfully submitted,

CORDILLERAN ENGINEERING



M. A. Stammers, B.A.
Geologist

MAS/nh
February 1985

CHAPTER 3.0

I N T R O D U C T I O N

This report describes a program of geological, geochemical, geophysical and overburden drilling exploration conducted on the MR claim group during the period June 13, 1984 to July 16, 1984. This work was completed over the eastern half of the property in the South Zone, East Zone and on the claims situated in the far east of the property.

The MR claim group holds excellent potential to host replacement-type Pb-Zn-Ag mineral deposits similar to those of the nearby Midway property of Regional Resources Ltd. located 40 kilometers to the south.

3.1 LOCATION AND ACCESS

The MR property is located 90 kilometers west of Watson Lake, Yukon at latitude $60^{\circ}17'N$ and longitude $130^{\circ}18'W$ (Figure 1). The claims lie immediately south and east of Meister Lake and are situated 14 kilometers northwest of Kilometer 1110 of the Alaska Highway. A four-wheel drive road originating from the Alaska Highway provides access

to the West Showing and campsite on the MR property.

Access during the 1984 exploration season was by helicopter to a new camp established in the South Zone, southeastern MR property.

3.2 PHYSIOGRAPHY AND CLIMATE

The MR property is primarily forest covered with minor sub-alpine terrain. Vegetation consists of spruce, balsam fir, pine, poplar, dwarf alder and willow. Relief is gentle to moderate with elevations ranging from 900 to 1400 meters above sea level.

Climate in the Meister Lake area is characterized by short, warm summers and long, cold winters. Precipitation year-round is light to moderate. The best months for exploration work are June through September inclusive.

3.3 EXPLORATION HISTORY

Initial staking (MR 1-164) was undertaken in July and August, 1981 to cover areas with anomalous stream sediment geochemistry. Subsequent staking was completed in October 1981 (MR 165-230), in January 1983 (MR 231-376), in August 1983 (MR 377-390) and in July 1984 (MR 391-410) to protect areas with favourable geology, geochemistry and geophysics.

Work conducted on the property in 1981 and 1982 consisted of grid preparation, geological mapping, prospecting, geo-

3.3. EXPLORATION HISTORY (Continued)

chemical sampling, hand trenching and airborne electromagnetic, resistivity and magnetometer surveys (DIGHEM II).

During the 1983 field season work included grid preparation, photo control surveys, prospecting, geological mapping, geochemical sampling, ground geophysical surveys (IP, EM and gravity), backhoe trenching and diamond drilling. Diamond drilling was carried out in the West Zone.

All previous work including property acquisition has been performed by Cordilleran Engineering on behalf of Regional Resources Ltd. The MR claims have been under option to Getty Canadian Metals, Limited since early 1983.

3.4 1984 EXPLORATION PROGRAM

A geological, geochemical, geophysical and overburden drill program was completed over the east half of the MR claim group during the 1984 field season. Work was performed by Cordilleran Engineering on behalf of Regional Resources Ltd.(owner/operator) and Getty Canadian Metals, Limited (optionee).

Grid preparation included 15.575 kilometers of cut line and 35.8 kilometers of hipchain measured, flag and compass lines.

A total of 802 soil samples were collected from the MR property during the 1984 field season and analysed for lead, zinc, silver, iron and manganese. Fourteen rock samples were collected from various locations on the property and

3.4 1984 EXPLORATION PROGRAM (Continued)

analysed or assayed for lead-zinc-silver.

A total of 231 overburden, sonic drill holes comprising 297 metres was completed over the South Zone by Vibra-Wink Explorations Ltd. of Delta, British Columbia. Systematic sampling of unconsolidated material and the bedrock interface yielded 515 soil samples and 60 rock samples.

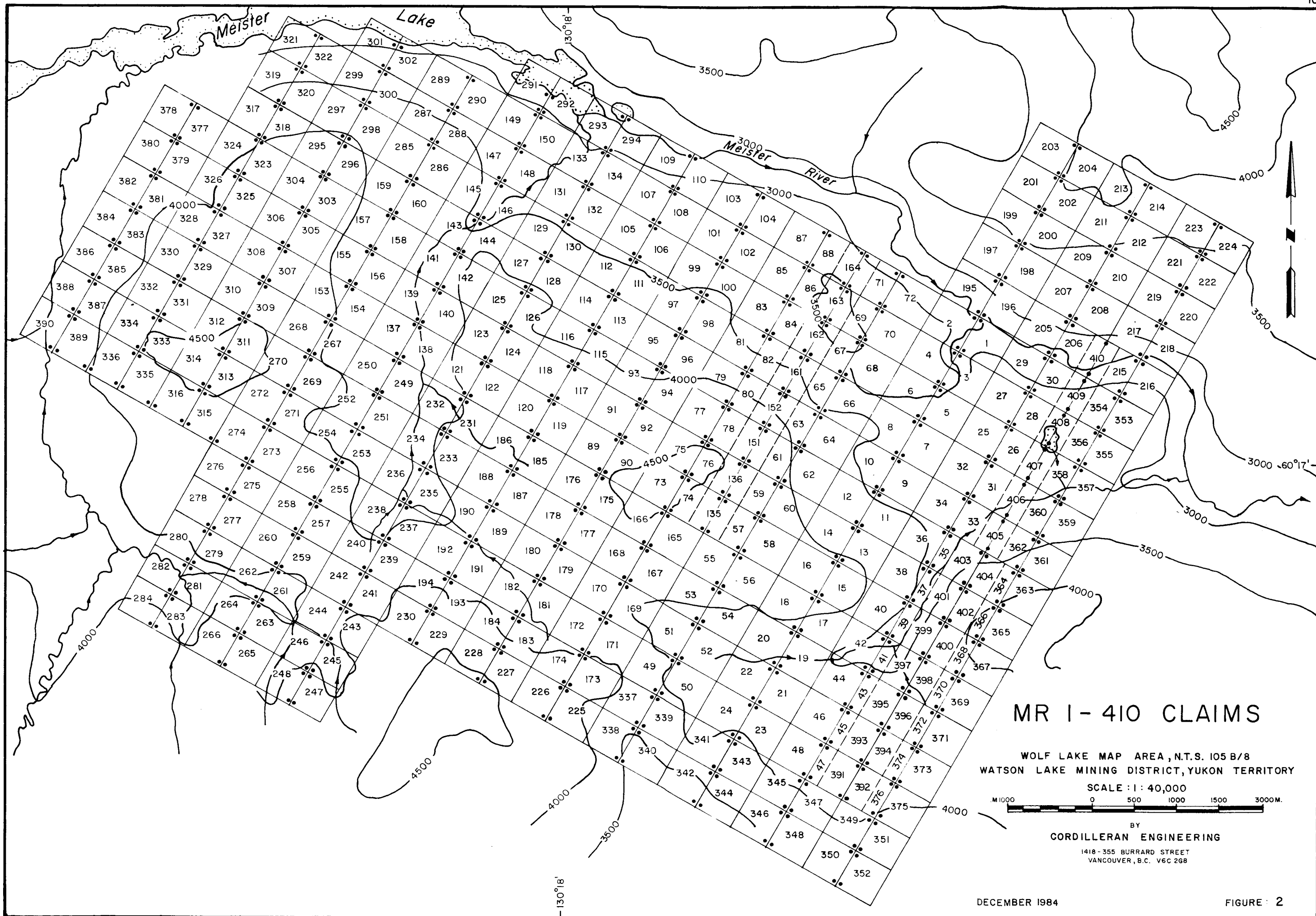
Geophysical surveys completed over the South and East Zones by Phoenix Geophysics Ltd. of Vancouver, British Columbia included 20.8 kilometers of conventional IP and 7.1 kilometers of Phase IP surveys.

Geological mapping was completed over the South Zone grid area at 1:2500 scale. All samples collected from the overburden drill program were logged and inventoried.

Aerial photography was completed over the entire MR property area by North West Survey Corporation International Ltd. of Edmonton, Alberta. Air photo production included black and white coverage of 1:10000 scale, colour and black and white coverage at 1:25000 scale and a 1:25000 scale photomosaic of the property.

3.5 CLAIM DATA

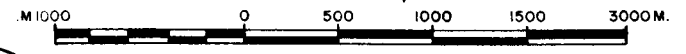
The MR property consists of 410 contiguous, full size mineral claims located in the Watson Lake Mining District, Yukon Territory (Figure 2). The claims are owned by Regional Resources Ltd. and are under option to Getty



MR 1 - 410 CLAIMS

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

SCALE : 1 : 40,000



BY
CORDILLERAN ENGINEERING

1418 - 355 BURREARD STREET
 VANCOUVER, B.C. V6C 2G8

DECEMBER 1984

FIGURE 2

3.5 CLAIM DATA (Continued)

Canadian Metals, Limited. Table 1 summarizes the claim data.

TABLE 1: CLAIM DATA

<u>CLAIM NAME</u>	<u>RECORD NUMBERS</u>	<u>EXPIRY DATES</u>
MR 1- 84	YA66451-YA66534	December 31, 1990 - 1994*
MR 85- 88	YA66535-YA66538	December 31, 1990
MR 89-100	YA66539-YA66550	December 31, 1990 - 1994*
MR 101-105	YA66551-YA66555	December 31, 1990
MR 106	YA66556	December 31, 1990 - 1994*
MR 107-110	YA66557-YA66560	December 31, 1990
MR 111	YA66561	December 31, 1990 - 1994*
MR 112	YA66562	December 31, 1990
MR 113-126	YA66563-YA66576	December 31, 1990 - 1994*
MR 127-134	YA66577-YA66584	December 31, 1990
MR 135-136	YA66597-YA66598	December 31, 1990 - 1994*
MR 137-142	YA66587-YA66592	December 31, 1990 - 1994*
MR 143-150	YA66593-YA66600	December 31, 1990
MR 151-152	YA66799-YA66800	December 31, 1990 - 1994*
MR 153-160	YA66603-YA66610	December 31, 1990
MR 161-162	YA66801-YA66802	December 31, 1990 - 1994*
MR 163-164	YA66803-YA66804	December 31, 1990
MR 165	YA67385	December 31, 1989 - 1990*
MR 166-183	YA67386-YA67403	December 31, 1989 - 1993*
MR 184	YA67404	December 31, 1989
MR 185-190	YA67405-YA67410	December 31, 1989 - 1993*
MR 191-194	YA67411-YA67414	December 31, 1989
MR 195-227	YA67415-YA67447	December 31, 1989 - 1993*
MR 228-230	YA67448-YA67450	December 31, 1989
MR 231-336	YA69414-YA69519	January 26, 1989
MR 337-376	YA69520-YA69559	January 26, 1989 - 1993*
MR 377-390	YA70394-YA70407	December 31, 1986
MR 391-410	YA71366-YA71385	July 26, 1985

* Pending receipt of Certificates of Work(1984 Assessment).

CHAPTER 4.0

G E O L O G Y

4.1 REGIONAL GEOLOGY

The regional geology is based on mapping in the Wolf Lake sheet (105B) by Poole, 1951 - 1955, and Roddick and Green, 1959, of the Geological Survey of Canada.

The MR property is located within a folded, faulted and metamorphosed belt of Lower Cambrian and Earlier sedimentary rocks set in Omineca Crystalline terrain of the northern Cassiar Mountains. The Meister granodiorite stock is located immediately northeast of the MR claims.

The oldest rocks as described by the Geological Survey are comprised of quartzite, minor slate and phyllite, quartz grit and fine pebble conglomerate. The oldest member of this map unit, a massive to thick-bedded, clean quartzite and grit is known elsewhere in the Yukon as the Hadrynian "Grit Unit".

The younger sequence of rocks in the MR property area includes limestone, minor dolomite, slate and phyllite. The upper member of this sequence, located in the extreme southern MR claim area is correlative with the Atan Group of northern British Columbia.

4.1 REGIONAL GEOLOGY (Continued)

The contact with rocks of the Cassiar Batholith is located 14 kilometers west of the MR property.

4.2 SOUTH ZONE GEOLOGY (Plate 1)

The MR property geology has been described previously by others in 3 earlier reports by Cordilleran Engineering (see Bibliography). This report describes the preliminary geology of the South Zone and is based on detailed outcrop and float mapping. In addition, lithological information was made available by rock chip samples collected from the overburden drilling.

Two principal geological units have been recognized in the South Zone: an older Lower Clastic(LC) and a younger Upper Clastic and Carbonate(UC). Both the Lower and Upper Clastic units have been subdivided into several distinct map or litho-units.

Unit LC, the Lower Clastic is comprised of three litho-units. The first sub-unit is comprised of massive ortho-quartzite, conglomeratic quartzite, quartzite and rusty, thin to medium bedded arkosic quartzite with minor interbeds of muscovite and chlorite phyllite. This unit outcrops in the northwest grid area and is probably correlative to the Hadrynian, "Grit Unit" (Windermere Super-Group) found elsewhere in the northern cordillera.

Moving upsection to the south, this mainly quartzite sub-unit becomes increasingly interbedded with brown weather-

4.2 SOUTH ZONE GEOLOGY (Plate 1) (Continued)

ing muscovite-sericite ±quartz ±chlorite phyllite or schist.

Further to the southeast and upsection the Lower Clastic phyllite lithologies dominate quartzite members as the transition to the Upper Clastic and Carbonate geological unit is approached.

The Upper Clastic and Carbonate geological unit is comprised of limestone, carbonaceous to graphitic phyllite, calcareous phyllite, and muscovite-sericite phyllite. The phyllite litho-units locally occur as mineralogically equivalent schist lithologies.

The limestone, unit UC_L, appears to occur at different stratigraphic levels and varies from being light grey and massive to medium bedded and tan weathering. Limestone is locally metamorphosed to marble.

Carbonaceous to graphitic phyllite, unit UC_{GP}, occurs as a discrete map unit in the southwest grid area and as interbeds with limestone in the southeastern grid area.

Calcareous phyllite, unit UC_{CP}, occurs generally as interbeds with limestone in the southeast grid area. This litho-unit is variably carbonaceous, moderately to strongly calcareous and is locally moderately to strongly crenulated.

Muscovite-sericite ±quartz ±chlorite phyllite, unit UC_{MP} is interbedded with limestone and stratigraphically overlies the Lower Clastic quartzite and phyllite geological unit.

4.2 SOUTH ZONE GEOLOGY (Plate 1) (Continued)

Summarizing the geology, a quartzite-phyllite Lower Clastic unit (LC) is overlain by an interbedded limestone and carbonaceous, calcareous phyllite, Upper Clastic and Carbonate member (UC).

An accurate interpretation of the South Zone structural geology is hampered by poor rock exposure. Metasedimentary rocks on the MR property have undergone several stages of deformation. In the South Zone, folding is apparent at the outcrop scale and at a larger scale as portrayed by the inferred, south plunging anticline seen on Plate 1. In addition, evidence of faulting in the northwest grid area includes a prominent topographical linear and slickensided outcrop faces.

CHAPTER 5.0

SOUTH ZONE MINERALIZATION

Mineralization discovered to date in the South Zone includes smithsonite and zinc-bearing oxide float occurrences located in target area 3 (Plate 8). Values of 48.32% Zn, 0.03% Pb, 0.29 oz/ton Ag were obtained from a smithsonite float sample located at 68+73E, 33+00N on the north cat trail. A rusty orange, float oxide sample collected from the same north cat trail at 68+26E, 33+00N assayed 42.67% Zn, 0.04% Pb and 0.22 oz/ton Ag. Two other float samples collected from the north cat trail of oxide-bearing quartz-mica phyllite/schist material were highly anomalous in lead-silver and ran 8750 ppm Pb, 730 ppm Zn, 7.3 ppm Ag at 69+40E, 33+00N and 2880 ppm Pb, 580 ppm Zn, 8.1 ppm Ag at 69+59E, 33+00N. An iron-manganese-rich oxide float boulder located on the south cat trail at 71+55E, 31+00N assayed 0.05% Pb, 0.50% Zn, 0.03% Cu and 0.05 oz/ton Ag.

To date, no other significant mineral occurrences have been discovered on surface in the South Zone. Ubiquitous soil and vegetation cover over the South Zone restricts surface hammer prospecting to cat trails and to small areas of outcrop in alpine terrain. Table 2 lists results from all rock samples collected this season from the MR property.

Overburden drilling has aided in defining four favour-

able areas or exploration targets containing anomalous geochemistry, geophysics and mineralization.

At target 1, located between 56+00E and 58+00E at approximately 38+00N; rock samples collected from the bedrock interface assayed 5.80% Pb, 0.14% Zn and 0.44 oz/ton Ag (hole 194) and 0.25% Zn, 0.02% Pb and 0.04 oz/ton Ag (hole 190). Both samples consisted of sandy, partially oxidized limestone with no visible sulfides. In addition, target area 1 has anomalous soil geochemistry and weak IP anomalies associated with it.

Target area 2 is located between lines 56+00E and 64+00E at 31+00N to 34+00N. To date no mineralization has been located on surface. However, drill hole 203 located at 60+00E, 33+50N returned assay values of 2.85% Zn, 0.18% Pb and 0.04 oz/ton Ag from a highly oxidized limestone sample. Target area 2 is underlain by anomalous soil geochemistry and a very significant sulfide-related Phase IP anomaly.

Target area 3, located between lines 68+00E and 72+00E at 33+00N, contains important discoveries of surface and drill hole mineralization. Drill holes 57, 58, 60, 61, 64 and 67 returned significant oxide mineralization associated with muscovite-sericite phyllite and micaceous quartzite. Selected assay results include 5.6% Zn in hole 57; 0.49% Zn in hole 58; 0.95% Zn in hole 60, 0.43% Zn in hole 61; 0.74% Pb, 0.32% Zn, 0.58 oz/ton Ag in hole 64; and 0.24% Zn in hole 67. Highly anomalous soil geochemistry and a probable IP anomaly are associated with target area 3 mineralization.

At target area 4, no mineralization has been located to date in association with the definite IP and silver soil geochemical anomalies.

TABLE 2

ROCK SAMPLING RESULTS - MR PROPERTY

<u>LOCATION</u>	<u>DESCRIPTION</u>	<u>Pb%</u>	<u>Zn%</u>	<u>Ag oz/ton</u>	<u>Cu%</u>	<u>Au oz/ton</u>	<u>Notes</u>
68+26E, C33+00N	Oxide	.04	42.67	0.22	-	-	Assay
63+73E, C33+00N	Smithsonite	.03	48.32	0.29	-	-	Assay
70+50E, C31+00N	Oxide	.02	0.87	0.04	-	-	Assay
71+55E, C31+00N	Oxide	.05	0.50	0.05	0.03	<.002	Assay
		<u>Pb ppm</u>	<u>Zn ppm</u>	<u>Ag ppm</u>	<u>Mn ppm</u>	<u>Fe%</u>	
56+00E, 34+75N	Limestone Outcrop	915	650	1.8	2400	1.2	Geochem.
66+40E, C33+00N	Quartz-Musc. Phyllite	8740	730	7.3	-	-	Geochem.
66+59E, C33+00N	Quartz-Musc. Phyllite	2880	580	8.1	-	-	Geochem.
70+70E, C31+00N	Quartz-Musc. Phyllite	5000	5750	3.8	-	-	Geochem.
81+95E, 28+25N	Quartzite	15	26	<.2	-	-	Geochem.
81+95E, 28+45N	Quartzite	<2	32	<.2	-	-	Geochem.
98+00E, A41+50N	Quartzite	5	9	<.2	-	-	Geochem.
98+00E, B41+50N	Quartzite	<2	1	<.2	-	-	Geochem.
99+40E, 50+05N	Quartzite	<2	12	<.2	-	-	Geochem.
100+00E, 44+50N	Quartz vein	6	3	<.2	-	-	Geochem.

ANALYTICAL NOTES

- (1) Samples were shipped to Bondar-Clegg and Company Ltd.'s North Vancouver, B.C. laboratory for preparation and analysis.
- (2) Rock samples were crushed to minus 150-mesh for assay and to minus 100-mesh for geochemical analyses.
- (3) Rock geochemical samples were digested using a hot extraction HNO₃-HCl solution and lead-zinc-silver-manganese-iron analyses were completed by atomic absorption.
- (4) Assay samples were acid digested then analysed for gold and silver by fire assay and for lead-zinc-manganese-iron by atomic absorption.

CHAPTER 6.0

SOIL GEOCHEMISTRY

6.1 INTRODUCTION AND ANALYTICAL PROCEDURE

A total of 797 samples were collected from the "B" soil horizon on the MR property. Of this total, 60 samples were obtained from a previously unsampled area in the South Zone; 66 samples from a detailed grid over zinc-mineralized target 3 in the South Zone, and 671 samples from the southeastern MR claim area.

In addition to conventional soil sampling an overburden drill program consisting of 231 holes, 515 overburden soil samples and 60 rock chip samples was completed over the South Zone. The program's procedure and results are discussed separately in Chapter 8.0.

Samples were collected every 50 metres on lines 200 metres apart, except every 100 metres apart over the target 3 detailed grid, and placed in grid-numbered soil sample bags. The corresponding sample location was marked in the field by a grid-numbered piece of plastic flagging tape. Notes were made in the field concerning sample depth, colour, texture and local physiography.

6.1 INTRODUCTION AND ANALYTICAL PROCEDURE (Continued)

The samples were dried and sieved to minus 80 mesh in camp, then shipped to Bondar-Clegg and Company Ltd.'s North Vancouver, B.C. laboratory for sample preparation and analytical treatment. The minus 80-mesh fraction was digested with a hot extraction HNO_3 -HCL solution and lead-zinc-silver-manganese-iron analysis was completed using standard atomic absorption techniques. Laboratory analytical reports are appended to this report (Appendix A).

6.2 RESULTS

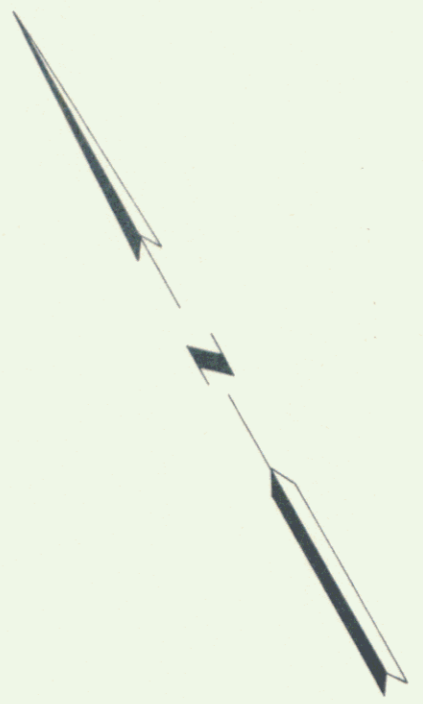
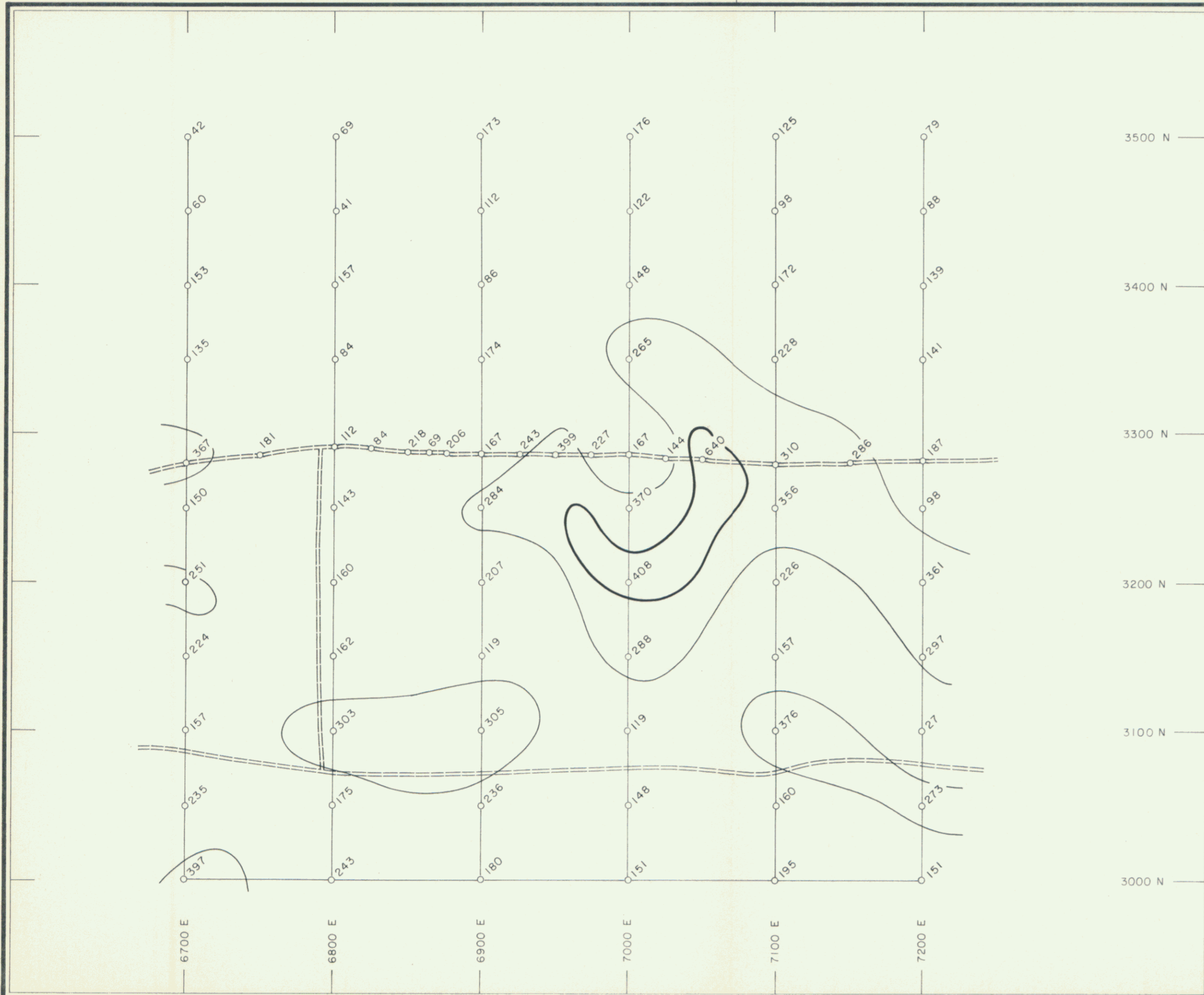
6.2.1 CENTRAL GRID, SOUTH ZONE (TARGET 3)

Detailed soil sampling was completed from line 67+00E to line 72+00E between 30+00N and 35+00N in the area designated as the Central Grid or Target 3 in the South Zone. Zinc-bearing smithsonite and oxide float occurrences were located in the area. Soil geochemistry has outlined a very significant coincident lead-zinc-silver anomaly centered near 70+00E, 33+00N. Lead-zinc-silver results are plotted for each element on Figures 3, 4 and 5 respectively.

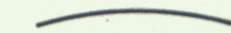



Lead values range from 27 to 640 ppm. The largest soil anomaly, centered at 70+50E, 32+75N measures 300 metres long by approximately 100 to 150 metres wide and is open along its length to the southeast. Several other small anomalies have been outlined.

Zinc values range from 111 ppm to a highly anomalous 8560 ppm inc. Zinc soil geochemistry defines a near symmetrical fan-shaped anomaly, 450 metres long by up to 300 metres wide, with peak values located between 68+25E and 71+00E on line 33+00N.

Silver values range from <.2 ppm to 6.9 ppm Ag. A 300 metre long by up to 100 metre wide soil anomaly is centered at 70+25E, 33+00N.



EXPLANATION

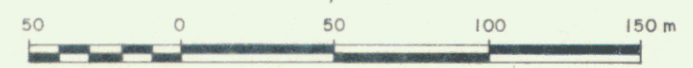
-  400 ppm LEAD CONTOUR
-  250 ppm LEAD CONTOUR
-  CAT TRAIL
-  SOIL SAMPLE

GETTY CANADIAN METALS, LIMITED
 REGIONAL RESOURCES LTD.
 MEISTER PROPERTY
 CENTRAL GRID - SOUTH ZONE

LEAD
SOIL GEOCHEMISTRY

WATSON LAKE MINING DIVISION YUKON TERRITORY
 NTS 105B/1,8

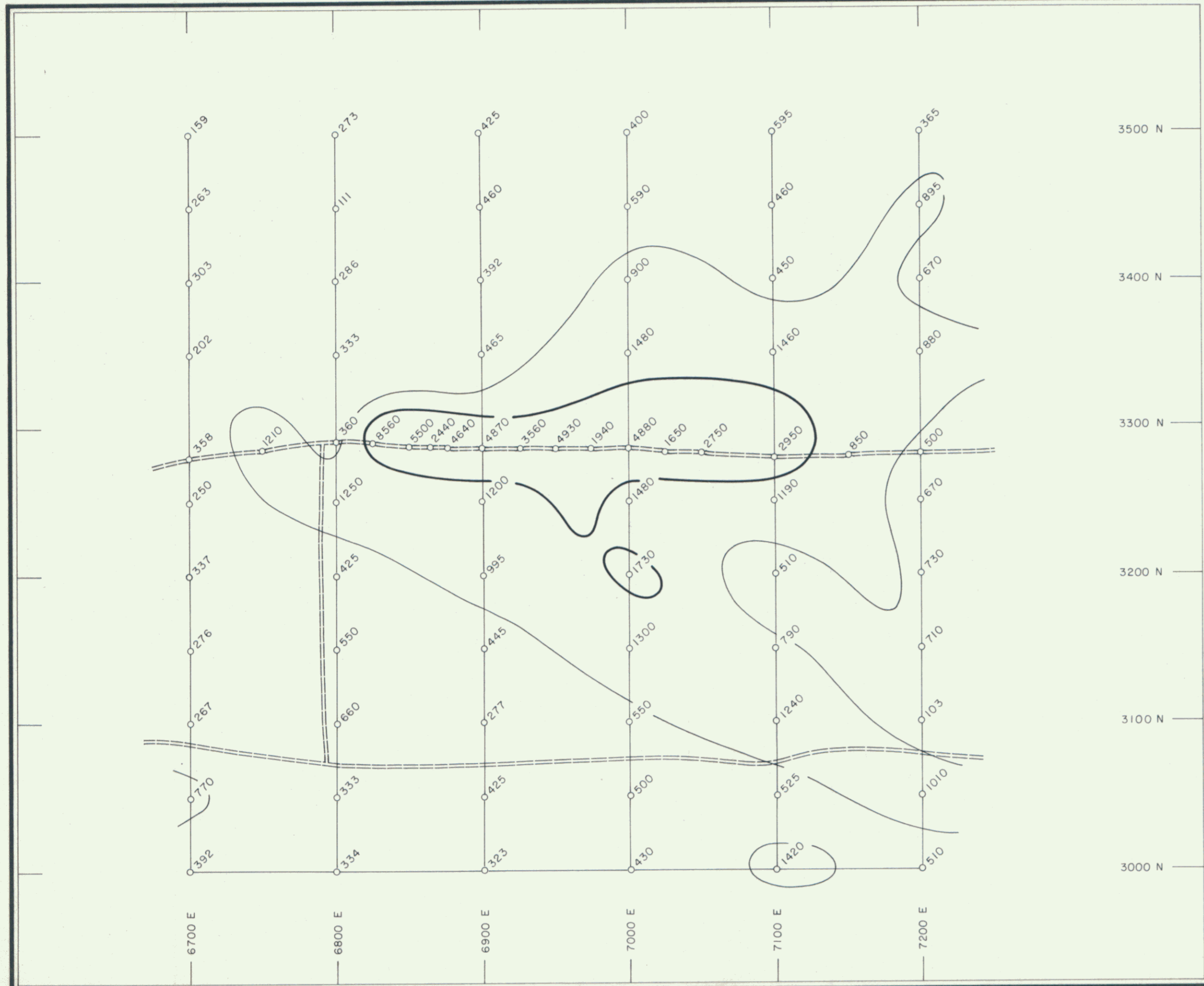
1:2,500



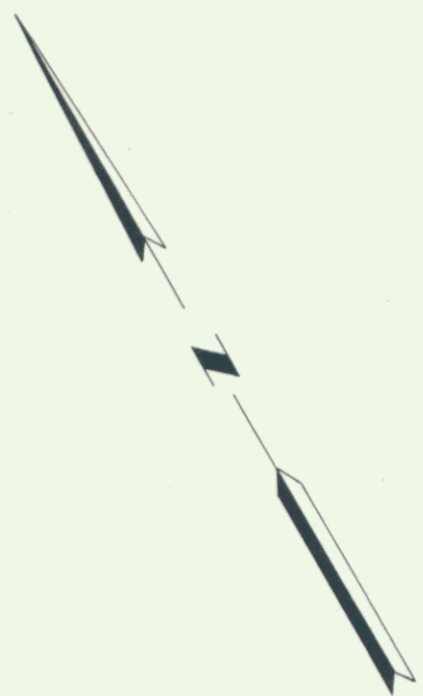
BY
 CORDILLERAN ENGINEERING
 1418-355 BARRARD STREET
 VANCOUVER, B.C. V6C 2E9

OCTOBER 1984

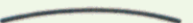



FIGURE 3



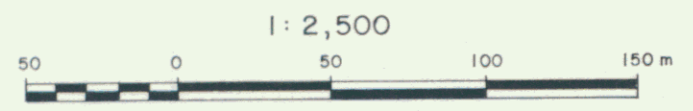
3500 N
 3400 N
 3300 N
 3200 N
 3100 N
 3000 N



EXPLANATION

-  1550 ppm ZINC CONTOUR
-  750 ppm ZINC CONTOUR
-  CAT TRAIL
-  SOIL SAMPLE

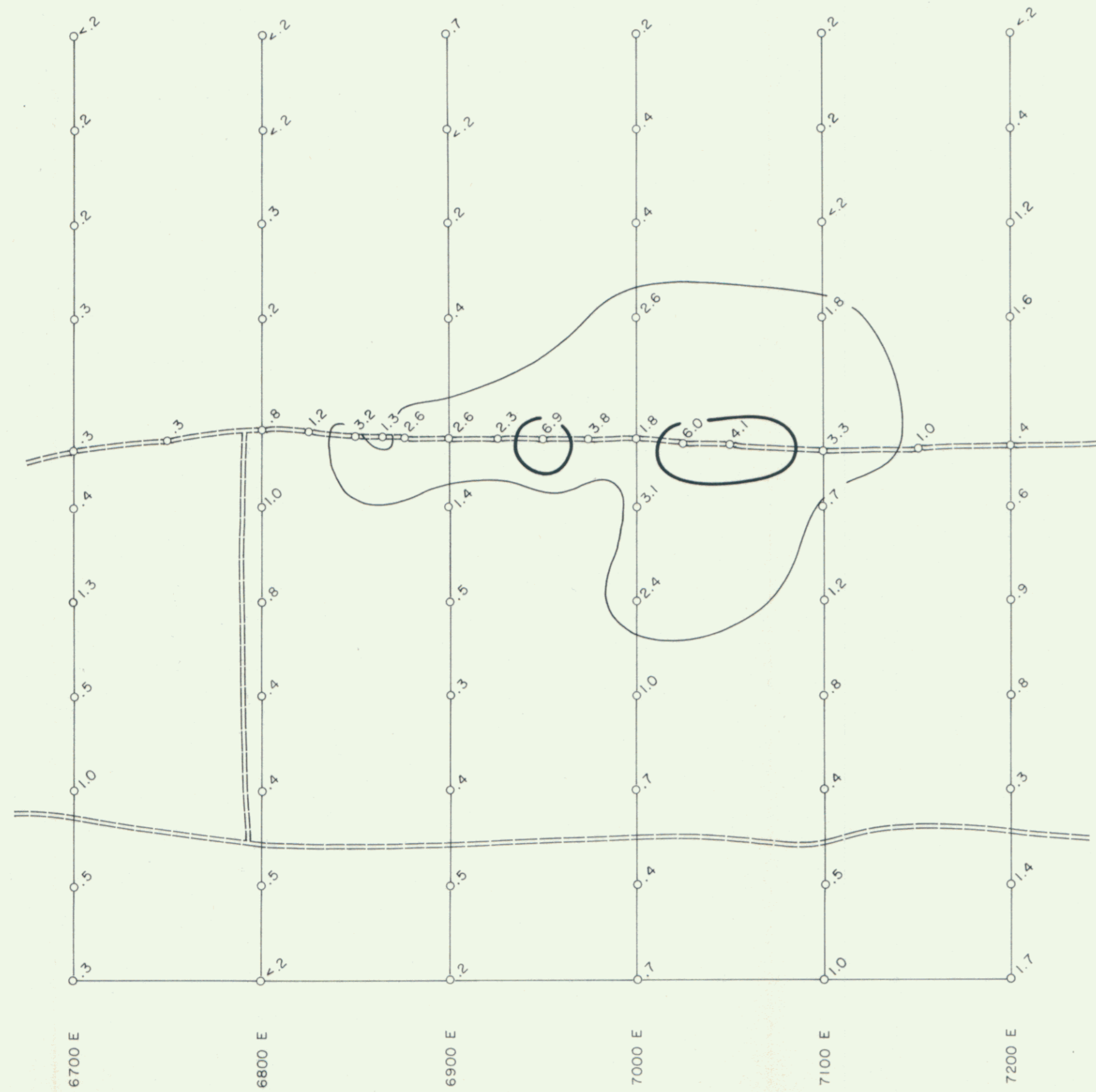
GETTY CANADIAN METALS, LIMITED
 REGIONAL RESOURCES LTD.
 MEISTER PROPERTY
 CENTRAL GRID - SOUTH ZONE
ZINC
SOIL GEOCHEMISTRY
 WATSON LAKE MINING DIVISION YUKON TERRITORY
 NTS 105B/1,8



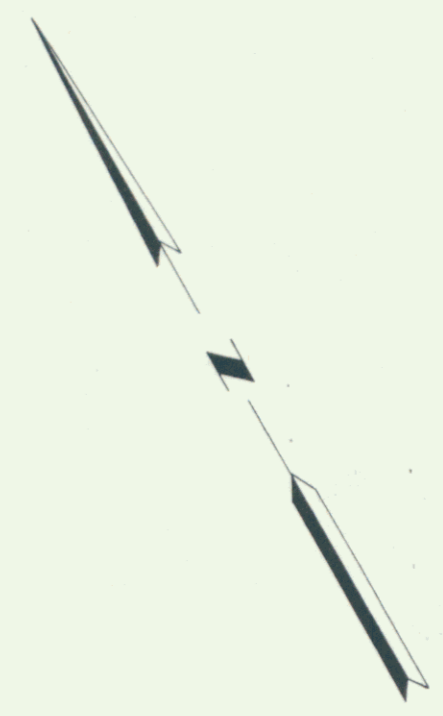
BY
 CORDILLERAN ENGINEERING
 1418-355 BURRARD STREET
 VANCOUVER, B.C.V6C2E9

OCTOBER 1984





FIGURE 4



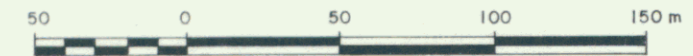
3500 N
 3400 N
 3300 N
 3200 N
 3100 N
 3000 N



EXPLANATION

-  4.0 ppm SILVER CONTOUR
-  1.75 ppm SILVER CONTOUR
-  CAT TRAIL
-  SOIL SAMPLE

GETTY CANADIAN METALS, LIMITED
 REGIONAL RESOURCES LTD.
 MEISTER PROPERTY
 CENTRAL GRID - SOUTH ZONE
SILVER
SOIL GEOCHEMISTRY
 WATSON LAKE MINING DIVISION YUKON TERRITORY
 NTS 105B/1,8

1:2,500

 BY
 CORDILLERAN ENGINEERING
 1418-355 BURRARD STREET
 VANCOUVER, B.C.V6C 2E9

OCTOBER 1984

FIGURE 5

6.2.2 SOUTH ZONE FILL-IN (Plates 2,3,4)

Sixty soil samples were collected from lines 60+00E and 62+00E in the South Zone of the MR property. One lead-zinc and two zinc soil anomalies have been outlined and tie in with the pre-existing, adjoining survey results. No significant silver values were recorded.

Highly anomalous lead-zinc soil geochemistry coincides with target area 2 at approximately 33+00N. Lead values range from 319 to 905 ppm and zinc values from 920 to 1850 ppm. Target area 3 contains favourable IP and drill hole geochemistry results.

A zinc anomaly with values between 760 and 1050 ppm Zn is located in association with target area 1 at 60+00E, 38+00N. The soil anomaly is coincident with a projected fault linear, a possible IP anomaly and significant overburden drill geochemistry.

A second, zinc-only anomaly crosses lines 60+00E and 62+00E at approximately 35+00N. Values between 770 and 2400 ppm zinc were recorded.

6.2.3 SOUTHEAST CLAIMS AREA (Plates 2,3,4)

A total of 671 soil samples were collected from flagged lines in the southeast claims area. Statistical treatment of soil geochemical data from the MR property is based on work previously performed by others (see Bibliography). Complete analytical reports including data not presented on the plates is included as Appendix A of this report.

Only one second order lead-zinc-silver anomaly was outlined and is located between lines 80+00E and 84+00E from 28+00N to 32+50N. This 400 metre long by 100 metre wide anomaly has lead-zinc-silver values to 369 ppm Pb, 1130 ppm Zn and 2.6 ppm Ag.

One other single station lead anomaly is located at 90+00E, 34+50N, defined by a value of 340 ppm Pb.

CHAPTER 7.0

G E O P H Y S I C A L S U R V E Y S U M M A R Y

An Induced Polarization and Resistivity survey was completed on the MR property by Phoenix Geophysics Limited of Vancouver, British Columbia.

A total of 20.8 line kilometers of conventional IP and 7.1 line kilometers of Phase IP was completed over the South and East Zones. Several significant IP anomalies associated with areas of coincident anomalous geochemistry have been outlined in the MR claims, South Zone.

A complete discussion of field procedure, results and recommendations of the geophysical surveys is presented as an appended Phoenix Geophysics Limited report (Appendix C of this report).

CHAPTER 8.0

OVERBURDEN DRILL PROGRAM

8.1 INTRODUCTION AND FIELD PROCEDURE

A total of 231 overburden drill holes comprising close to 300 metres was completed on cut lines and cat trails in the South Zone of the MR property. Drilling was carried out by Vibra-Wink Exploations Ltd. of Delta, British Columbia employing a two-man crew and the hand-portable, Wink Vibra-Corer sonic drill.

Drilling was initiated over areas of anomalous soil geochemistry and favourable geology. Up to three attempts were made at each drill site to obtain maximum penetration to bedrock. It has been estimated that the bedrock interface was attained in 33% of the drill holes and possibly reached in another 33%. At locations where bedrock was not encountered, drill penetration was terminated by till boulder strikes, permafrost or hardpan.

A one kilogram sample of overburden material was collected from depths of 0.25m, 1.0m, 3.0m, and at the bottom of each hole. Samples were dried in camp and sieved to the minus-80 mesh size fraction. The minus 80-mesh material was then shipped to Bondar Clegg and Company Ltd.'s, North Vancouver,

8.1 INTRODUCTION AND FIELD PROCEDURE (Continued)

B.C. laboratory for lead, zinc, silver, iron and manganese analyses. Analytical procedure is identical to that described in Chapter 6.1 on soil geochemistry.

The plus 80-mesh size fraction was then washed and sieved again to retain the plus 40-mesh size fraction for lithological logging purposes. The plus 40-mesh rock material was sent to Bondar Clegg and Company Ltd.'s, North Vancouver laboratory for geochemical analysis or assay only of the corresponding minus 80-mesh material contained anomalous concentrations in lead, zinc or silver. Geochemical and assay analytical procedures are described in Table 2, Chapter 5.0.

Complete logs, including geological, geochemical and assay data, are presented as Appendix B to this report.

8.2 RESULTS

Results of overburden drill sampling are plotted in their entirety on Plates 5 (lead), 6 (zinc) and 7 (silver). In addition, log forms contained in Appendix B list lead, zinc, silver, manganese and iron soil and rock geochemical results with lithological data. Plate 8 outlines overburden-drill related anomalies and locates exploration targets in relation to geological and geophysical data.

8.2.1 TARGET AREA 1

Target area 1 is located in the northwest grid within mixed alpine and subalpine terrain with only limited overburden cover. Holes 1, 190 and 194 define highly anomalous lead-zinc-silver geochemistry with values to 9280 ppm Pb, 12800 ppm Zn and 3.6 ppm Ag. This 200 metre long anomaly is open to both the east and west and is closely associated with a prominent topographical linear feature. A drill sample taken from the rusty, oxide-bearing quartzite interface assayed 5.80% Pb, 0.14% Zn and 0.44 oz/ton Ag. A possible IP anomaly overlies the anomalous area located at the contact between Upper Clastic limestone (Unit UC_L) and Lower Clastic quartzite (Unit LC).

8.2.2 TARGET AREA 2

Target area 2 is located in the southwest grid area in mixed subalpine and forest terrain. Exposure of rock units is poor and overburden thickness is probably less than 4 metres. Results from holes 22, 24, 43, 157, 203, 204, 205, 224 and 225 define a significant lead-zinc-silver overburden anomaly. The 800 metre long by 150 metre wide anomaly is open to the west and possibly to the east. Geochemical values range up to 1450 ppm Pb, >20000 ppm Zn, and 4.2 ppm Ag. An oxide-rich limestone sample collected from the bedrock interface in hole 203 assayed 0.18% Pb, 2.85% Zn and 0.04 oz/ton Ag. Target area 2 is underlain by definite Phase and conventional IP anomalies which have been interpreted to indicate a sulfide source. The geology of the area includes Upper Clastic carbonaceous phyllite (Unit UC_{GP}) in contact with grey limestone (Unit UC_L).

8.2.3 TARGET AREA 3

Target area 3 is located in the central grid area in forested terrain and is bisected by the north cat trail (33+00N). This anomalous area is approximately 375 metres long by 150 metres wide and possibly extends west to include target area 2 and east to target area 4. Overburden thickness ranges from less than 1 metre to in excess of 3 metres.

Samples from twenty drill holes returned highly anomalous concentrations in lead, zinc and silver. Soil geochemical samples from drill holes include values to 2100 ppm lead, 8560 ppm zinc and 7.4 ppm silver. Oxide-bearing, muscovite-sericite phyllite collected from the bedrock interface in hole 58 assayed 5.60% Zn, <0.01% Pb and 0.07 oz/ton Ag. In

8.2.3 TARGET AREA 3 (Continued)

hole 64, inferred bedrock material comprising highly oxidized quartzite and phyllite fragments assayed 0.74% Pb, 0.32% Zn and 0.58 oz/ton Ag. Other significant zinc assays are located in hole 57, 0.49% Zn; hole 60, 0.95% Zn; hole 61, 0.43% Zn; hole 64, 0.32% Zn and hole 67, 0.24% Zn.

Target area 3 is underlain by possible and probable IP anomalies; smithsonite and zinc-bearing oxide mineralized float; and by Lower Clastic quartzite and phyllite in contact with Upper Clastic phyllite and limestone.

8.2.4 TARGET AREA 4

Target area 4 as presently defined is 300 metres long by 200 metres wide and is located in the southeast grid area in forested terrain. Overburden ranges in thickness from 2.0 metres to an excess of 4.0 metres. Geochemical samples from seven overburden drill holes are strongly anomalous in silver with values ranging from 4.0 to 21.0 ppm Ag (hole 120). Lead and zinc results are moderate with values to 760 ppm Pb and 1120 ppm Zn. Samples collected from the probable bedrock interface in hole 120 assayed 0.04% Pb, 0.03% Zn and 0.09 oz/ton Ag. The source for this highly anomalous silver geochemistry is unknown.

Target area 4 is underlain by Upper Clastic limestone and carbonaceous phyllite and is associated with definite Phase and conventional IP anomalies.

8.3 GENERAL DISCUSSION

The overburden drill program successfully outlined significant geochemical anomalies as well as locating probable bedrock sources of lead-zinc-silver mineralization. Overburden drilling also provided valuable information on the nature and depth of overburden in the South Zone of the MR property. It is now apparent that overburden thickness is generally less than 2.0 metres in most of the surveyed area. It also appears that glacial transport has not affected in

8.3 GENERAL DISCUSSION (Continued)

any significant manner the distribution of geochemical soil anomalies or underlying mineralization. Only a very thin veneer of glacial clay and boulder till covers the South Zone terrain, allowing for future surface trenching.

CHAPTER 9.0

B I B L I O G R A P H Y

1. Geological Survey of Canada, Map 10-1960.

2. Geological & Geochemical Report on the MR CLAIM GROUP Assessment Report, December 1981, submitted to Watson Lake Mining Recorder, Yukon.
For: Regional Resources Ltd.
By: Cordilleran Engineering

3. Summary Geological and Geochemical Report on the MR CLAIM GROUP Assessment Report, October 1982, submitted to Watson Lake Mining Recorder, Yukon.
For: Regional Resources Ltd.
By: Cordilleran Engineering

4. Summary Report of Exploration on the MR CLAIM GROUP
For: Regional Resources Limited and Getty Canadian Metals, Limited
By: Cordilleran Engineering, December 1983

CANADA)
) In the matter of a geological, geophysical, geochemical
) and overburden drill report on the MR Claim Group on
) behalf of Regional Resources Ltd.
 TO WIT:)

I, Michael A. Stammers, agent for Regional Resources Ltd.

of 1980-1055 West Hastings Street, Vancouver, B.C. V6E 2E9

do solemnly declare, - that an exploration program was undertaken on the MR mineral property during the period June 13, 1984 to July 26, 1984 and the following expenses incurred performing the work and in the later preparation of the report.

<u>WAGES:</u>	Field:	Geologist/Supervision	31 d x \$120/d x \$1.35*	.....	\$ 5,022	
		Samplers	2 x 31 d x \$ 68/d x \$1.35	.....	5,692	
		Cook/Sampler	31 d x \$ 84/d x \$1.35	.....	3,515	
	Office:	Geologist/Report Perp.	34 d x \$150/d	.....	5,100	\$19,329
<u>PROFESSIONAL SERVICES & MANAGEMENT FEES:</u>						
		To Cordilleran Engineering	.....			21,300
<u>TRANSPORTATION:</u>		Chater Helicopter	39.2 hr x \$400/hr	.....	15,680	
		Helicopter Fuel	39.2 hr x \$ 65/hr	.....	2,548	
		CP Air, Travel Expenses	.....		1,671	
		Trucking	.....		630	20,529
<u>ROOM & BOARD:</u>		Crew:	124 mandays x \$20/d	.....	2,480	
		Contractors:	125 mandays x \$20/d	.....	2,500	4,980
<u>EQUIPMENT RENTALS:</u>	.....					3,177
<u>GEOCHEMICAL ANALYSES:</u>		1,315 Pb,Zn,Ag,Fe,Mn	@ \$ 5.95/soil sample	.....	7,824	
		34 Pb,Zn,Ag	@ \$ 6.95/rock sample	.....	236	
		25 Pb,Zn,Ag	@ \$22.75/rock assays	.....	569	8,629
<u>FREIGHT:</u>	.....					991
<u>CONTRACT LINECUTTING:</u>	.....					8,272
<u>CONTRACT GEOPHYSICS:</u>	.....					16,782
<u>CONTRACT OVERBURDEN DRILLING:</u>	.....					12,361
<u>CONTRACT DRAFTING:</u>	.....					5,250
<u>OFFICE SUPPLIES, TELEPHONE & PRINTING:</u>	.....					1,759
TOTAL 1984 MR EXPENDITURES						\$123,359

*Overtime and benefits factor

<u>PRORATED COSTS:</u>	Geochemistry	\$28,672
	Geophysics	35,594
	Overburden Drilling	59,093

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 British Columbia this

26th day of February 1985)

E. Balcer
 A Commissioner for Oaths for Yukon Territory OR Notary Public for Yukon Territory.

Michael Stammers

CHAPTER 11.0

LIST OF PERSONNEL AND CONTRACTORS

PERSONNEL

<u>Name/Address</u>	<u>Position</u>	<u>Dates Worked</u>	<u>Mandays Worked</u>
David O'Brien, Ladysmith, B.C.	Sampler	June 26 to July 26, 1984	31
Kelinda Say, Sedgewick, Alta.	Sampler	June 26 to July 26, 1984	31
Michael Stammers, Port Coquitlam, B.C.	Geologist/ Supervisor	June 26 to July 26, 1984	31
Jan Tindle, Whistler, B.C.	Cook/Sampler	June 26 to July 26, 1984	31
			<u>124</u>

CONTRACTORS

<u>Name/Address</u>			
McCrory Holdings (Yukon) Ltd., Whitehorse, Yukon.	Linecutting	June 13 to June 30, 1984	42
Phoenix Geophysics Ltd. Vancouver, B.C.	Geophysics	June 26 to July 14, 1984	57
Vibra-Wink Exploration Ltd., Delta, B.C.	Overburden Drilling	June 30 to July 25, 1984	26
			<u>125</u>

CORDILLERAN ENGINEERING

1980 GUINNESS TOWER, 1055 WEST HASTINGS STREET, VANCOUVER, B.C. V6E 2E9 TEL: (604) 681-8381

CHAPTER 12.0

WRITER'S CERTIFICATE

I, Michael A. Stammers of Port Coquitlam, British Columbia hereby certify that:

1. I am a geologist residing at 1134 Lombardy Drive, and employed by Cordilleran Engineering of 1980 - 1055 West Hastings Street, Vancouver, British Columbia.
2. I have received a B.A. degree in Geology and Geography from McMaster University, Hamilton, Ontario in 1977 and I am a Fellow of the Geological Association of Canada.
3. I have practiced my profession for eleven years in British Columbia, Yukon and the Northwest Territories.
4. I am the author of this report and the supervisor of the field work conducted on the MR claims by Cordilleran Engineering during the period June 13 to July 26, 1984.
5. I have no beneficial interest in the claims covered by this report or in Regional Resources Ltd.

CORDILLERAN ENGINEERING



Michael A. Stammers, B.A.
Geologist

MAS/nh
February 1985
Vancouver, British Columbia



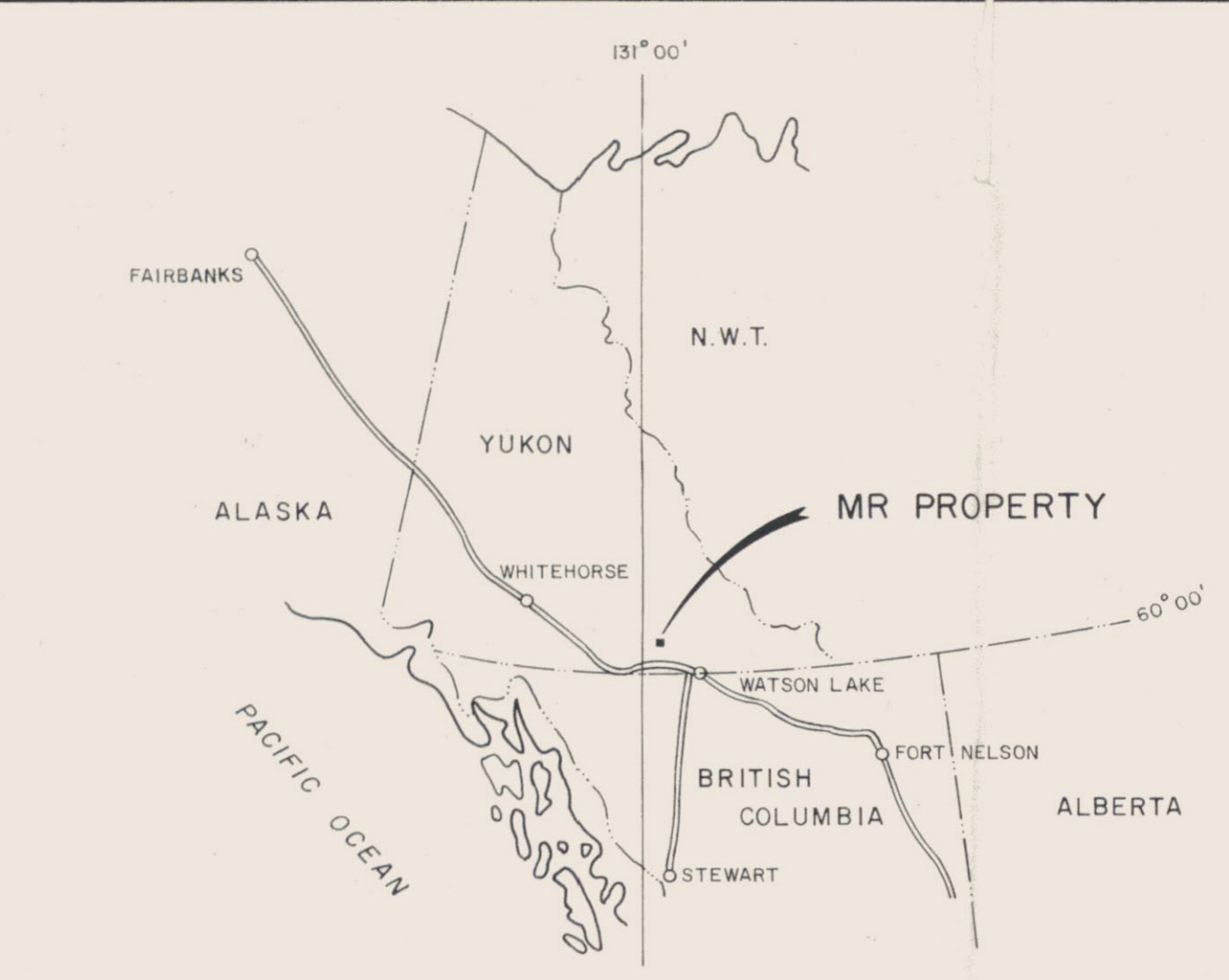
LITHOLOGY 091614
 LOWER CAMBRIAN - UPPER CLASTIC AND CARBONATES (UC)

MAIN LITHOLOGY	INTERBEDS (IF ANY)		
	LIMESTONE	CALCAREOUS PHYLLITE	MUSCOVITE PHYLLITE
L LIMESTONE Buff to light grey weathering			
CP CALCAREOUS PHYLLITE Crinoidal, variably carbonaceous			
MP MUSCOVITE PHYLLITE + Sericite ± quartz phyllite / schist			
GP CARBONACEOUS PHYLLITE Moderately carbonaceous to graphitic			

- LOWER CAMBRIAN OR EARLIER - LOWER CLASTIC (LC)**
- QUARTZITE / ORTHOQUARTZITE, MINOR PHYLLITE PARTINGS
 - INTERBEDDED QUARTZITE & MUSCOVITE - SERICITE ± QUARTZ PHYLLITE / SCHIST
 - MUSCOVITE - SERICITE ± QUARTZ PHYLLITE / SCHIST

- EXPLANATION**
- OUTCROP
 - OVERBURDEN DRILL HOLE; BEDROCK INTERFACE DATA
 - OVERBURDEN DRILL HOLE; PROBABLE BEDROCK INTERFACE DATA
 - BEDDING WITH STRIKE & DIP
 - SCHISTOSITY WITH STRIKE & DIP
 - MINERALIZATION Zn (Zinc)
 - DRILL COLLAR & HOLE NUMBER
 - INFERRED FAULT
 - APPROXIMATE OR INFERRED GEOLOGICAL CONTACT
 - CUT LINE
 - CAT TRAIL
 - INFERRED ANTICLINAL FOLD AXIS

GETTY CANADIAN METALS, LIMITED
 REGIONAL RESOURCES LTD.
 PRELIMINARY OVERBURDEN DRILL HOLE
 AND SURFACE GEOLOGY MAP
 MR CLAIM GROUP - SOUTH ZONE
 WOLF LAKE MAP AREA, N.T.S. 105B/1,8
 WATSON LAKE MINING DISTRICT, YUKON TERRITORY



LEGEND

- TRENCH
- SOIL SAMPLE SITE (50 METRE INTERVALS)
- NO SAMPLE COLLECTED
- ⊕ WATER SAMPLE SITE
- ⊖ STREAM SEDIMENT SAMPLE SITE
- △ ROCK SAMPLE SITE
- ▨ OXIDE ZONE (Fe, Mn, Zn, Pb, Ag)

Pb CONCENTRATION IN PPM

Background	0 - 180
Possibly Anomalous	181 - 280
Anomalous	281 - 580
Strongly Anomalous	> 580

VALUES LESS THAN 100 ppm Pb HAVE NOT BEEN PLOTTED. RESULTS INCLUDE SAMPLES COLLECTED IN 1981 & 1982.

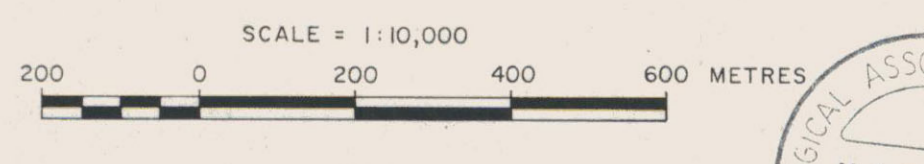
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— 580 ppm LEAD CONTOUR

— 281 ppm LEAD CONTOUR

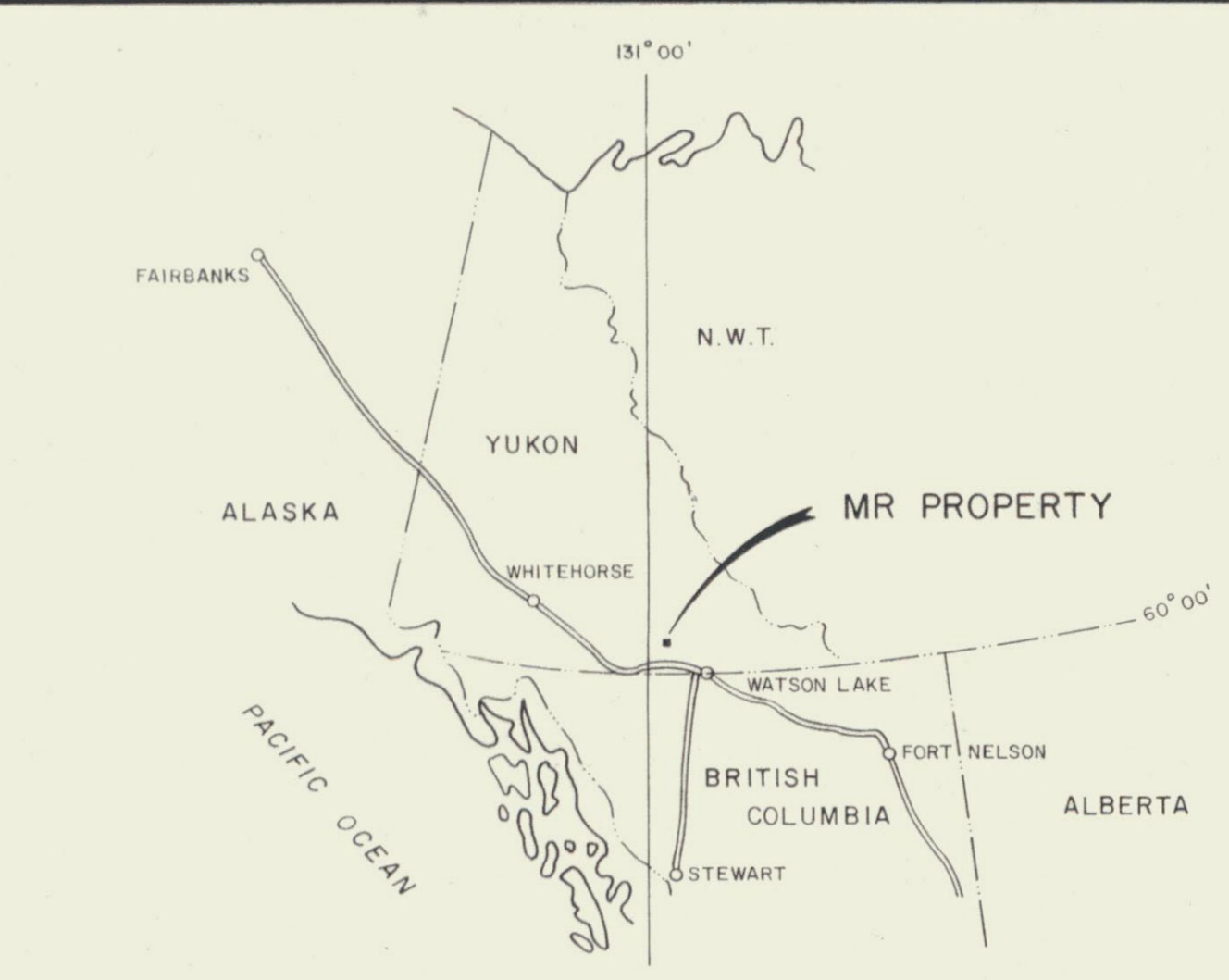
NOTE:
DRAINAGES FROM WELSHANNEY AIRPHOTO MOSAIC, 1983
DECLINATION (1982) 51° 0' EAST

GETTY CANADIAN METALS, LIMITED
REGIONAL RESOURCES LTD.
LEAD GEOCHEMISTRY
MR CLAIM GROUP
WOLF LAKE MAP AREA, N.TS 105B/1,8
WATSON LAKE MINING DISTRICT, YUKON TERRITORY



CORDILLERAN ENGINEERING
1980-2005 W. HASTINGS STREET
VANCOUVER, B.C. V6C 2E9
REVISED OCTOBER 1984
OCTOBER 1993





LEGEND

- TRENCH
- SOIL SAMPLE SITE (50 METRE INTERVALS)
- NO SAMPLE COLLECTED
- ◊ WATER SAMPLE SITE
- ◻ STREAM SEDIMENT SAMPLE SITE
- △ ROCK SAMPLE SITE
- ▨ OXIDE ZONE (Fe, Mn, Zn, Pb, Ag)

Zn CONCENTRATION IN PPM.

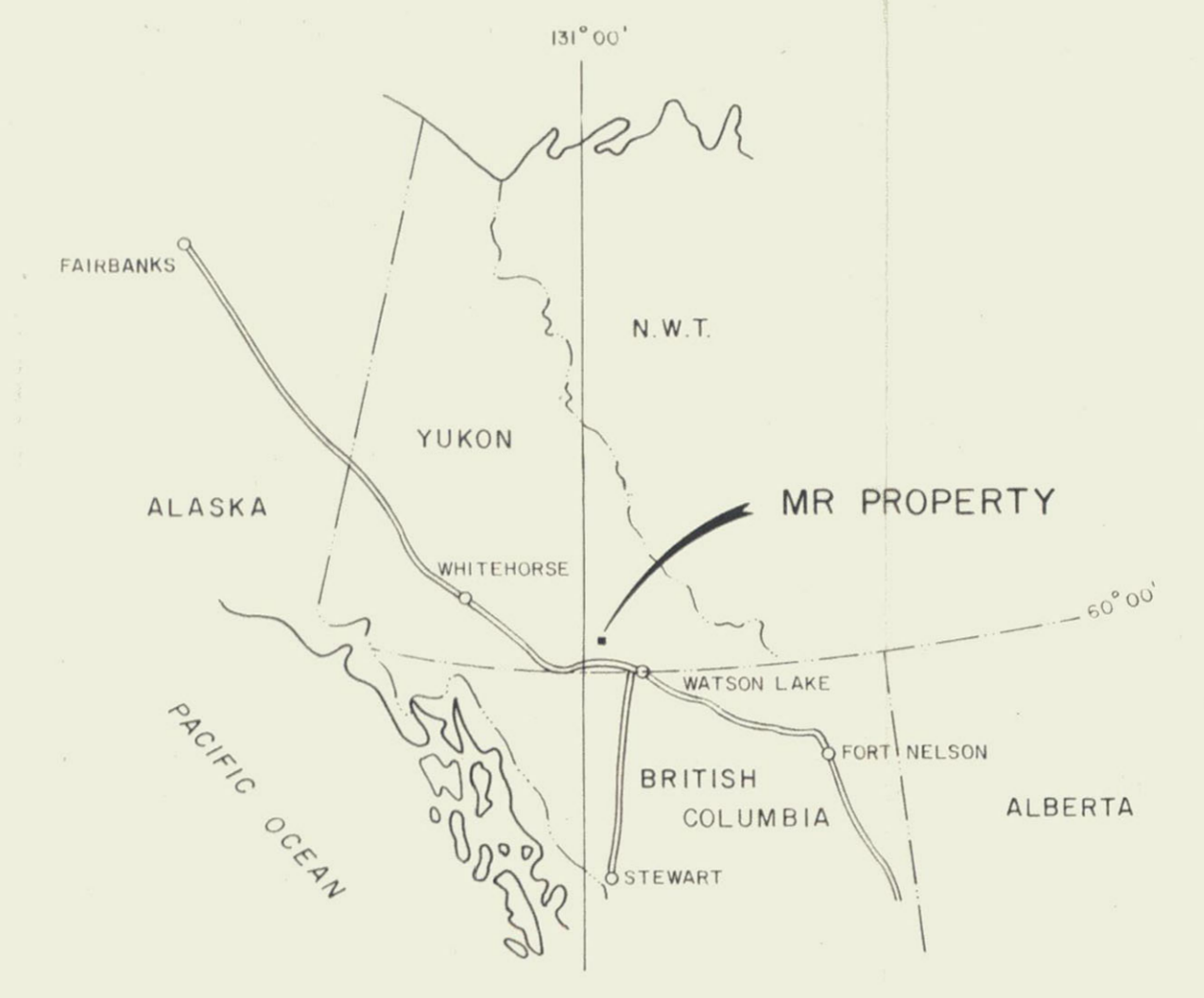
□	BACKGROUND	0 - 450
□	POSSIBLY ANOMALOUS	451 - 750
□	ANOMALOUS	751 - 1550
□	STRONGLY ANOMALOUS	> 1550

VALUES LESS THAN 200 ppm Zn HAVE NOT BEEN PLOTTED. RESULTS INCLUDE SAMPLES COLLECTED IN 1981 & 1982.

- DIRECTION OF ICE MOVEMENT (EXTRAPOLATED)
- 1550 ppm ZINC CONTOUR
- 750 ppm ZINC CONTOUR

NOTE: DRAINAGES FROM MELHARNEY AIRPHOTO MOSAIC, 1983 DECLINATION (1982) 31° 0' EAST.

GETTY CANADIAN METALS, LIMITED
 REGIONAL RESOURCES LTD.
ZINC GEOCHEMISTRY
 MR CLAIM GROUP
 WOLF LAKE MAP AREA, NTS 105B/1,8
 WATSON LAKE MINING DISTRICT, YUKON TERRITORY



LEGEND

- TRENCH
- SOIL SAMPLE SITE (50 METRE INTERVALS)
- NO SAMPLE COLLECTED
- ∩ WATER SAMPLE SITE
- STREAM SEDIMENT SAMPLE SITE
- △ ROCK SAMPLE SITE
- ▭ OXIDE ZONE (Fe, Mn, Zn, Pb, Ag)

Ag CONCENTRATION IN PPM.

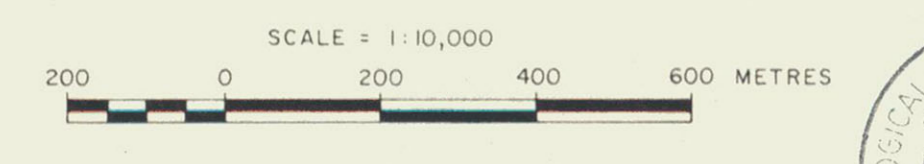
□	BACKGROUND	0 - 1.0
□	POSSIBLY ANOMALOUS	1.1 - 2.0
□	ANOMALOUS	2.1 - 4.0
□	STRONGLY ANOMALOUS	> 4.0

VALUES LESS THAN 0.5 ppm Ag HAVE NOT BEEN PLOTTED. RESULTS INCLUDE SAMPLES COLLECTED IN 1981 & 1982.

- DIRECTION OF ICE MOVEMENT (EXTRAPOLATED)
- 4.0 ppm SILVER CONTOUR
- 2.0 ppm SILVER CONTOUR

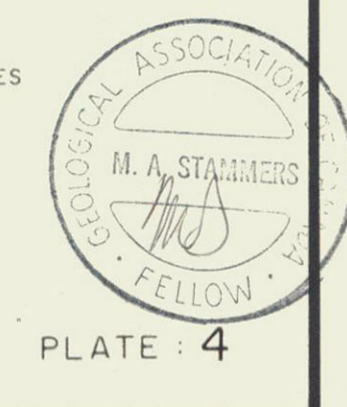
NOTE:
 STRIPMAPS FROM WELLMANN AIRPHOTO MOSAIC, 1983
 DECLINATION (1982) 31° 10' EAST

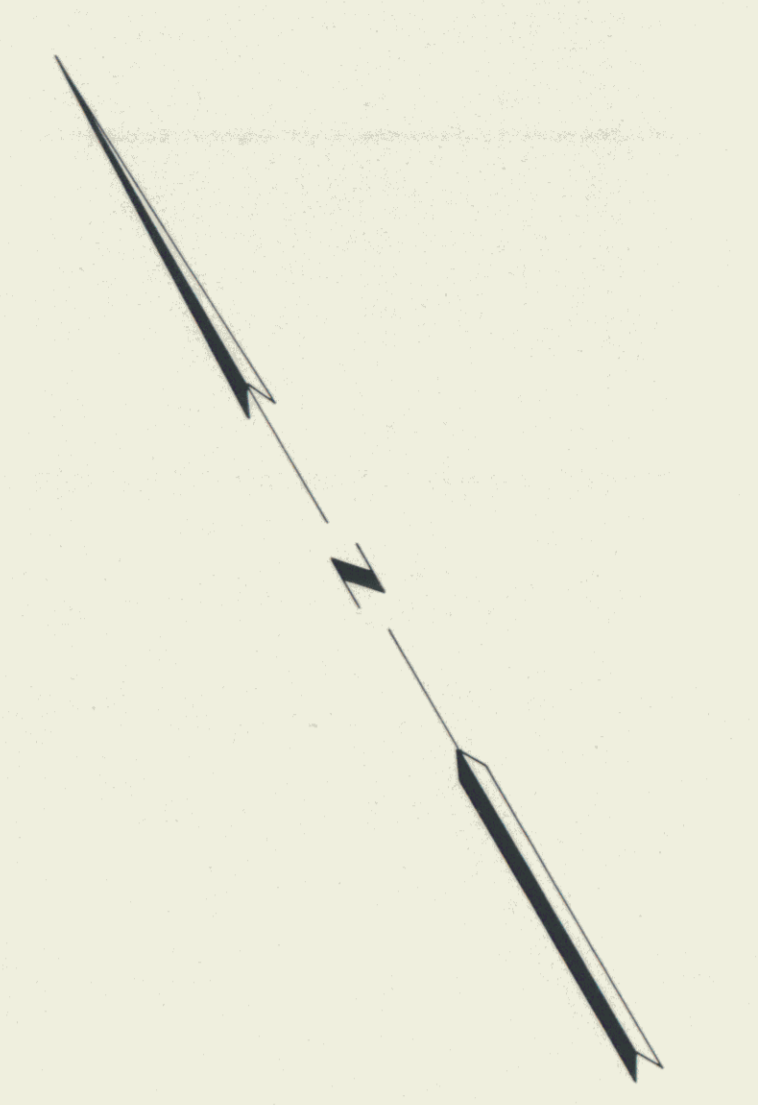
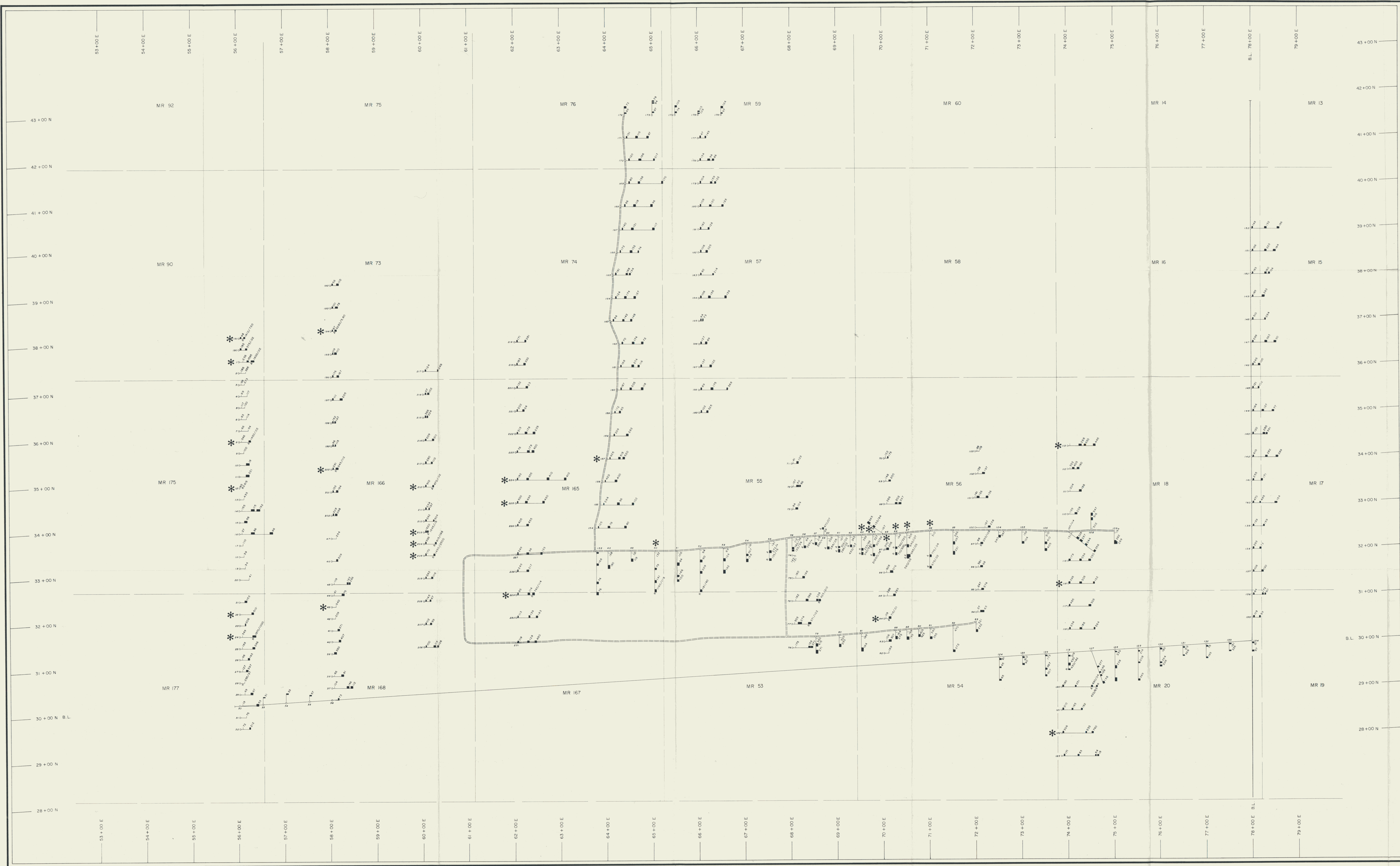
GETTY CANADIAN METALS, LIMITED
 REGIONAL RESOURCES LTD.
SILVER GEOCHEMISTRY
 MR CLAIM GROUP
 WOLF LAKE MAP AREA, N.T.S 105B/1,8
 WATSON LAKE MINING DISTRICT, YUKON TERRITORY



REVISED OCTOBER 1984
 OCTOBER 1983

BY
 CORDILLERAN ENGINEERING
 1980-8050 W. HASTINGS STREET
 VANCOUVER, B.C. V6V 2T9





EXPLANATION

- SONIC DRILL HOLE NUMBER
- COLLAR LOCATION
- 'SURFACE' SOIL SAMPLE
- +40 MESH ROCK SAMPLE
- 80 MESH SOIL SAMPLE
- A DENOTES ASSAY SAMPLE
- R DENOTES ROCK GEOCHEM SAMPLE
- * INDICATES STRONGLY ANOMALOUS RESULTS (VALUES >100 PPM Pb)
- MR 60 CLAIM NAME AND APPROXIMATE BOUNDARY LOCATION
- CAT TRAIL
- CUT BASE LINES
- A - VALUES IN % Pb
- ALL OTHER VALUES ARE IN PARTS PER MILLION LEAD

NOTE:
ALL HOLES ARE DRILLED VERTICALLY
* INDICATES VALUES LESS THAN 0.01% LEAD

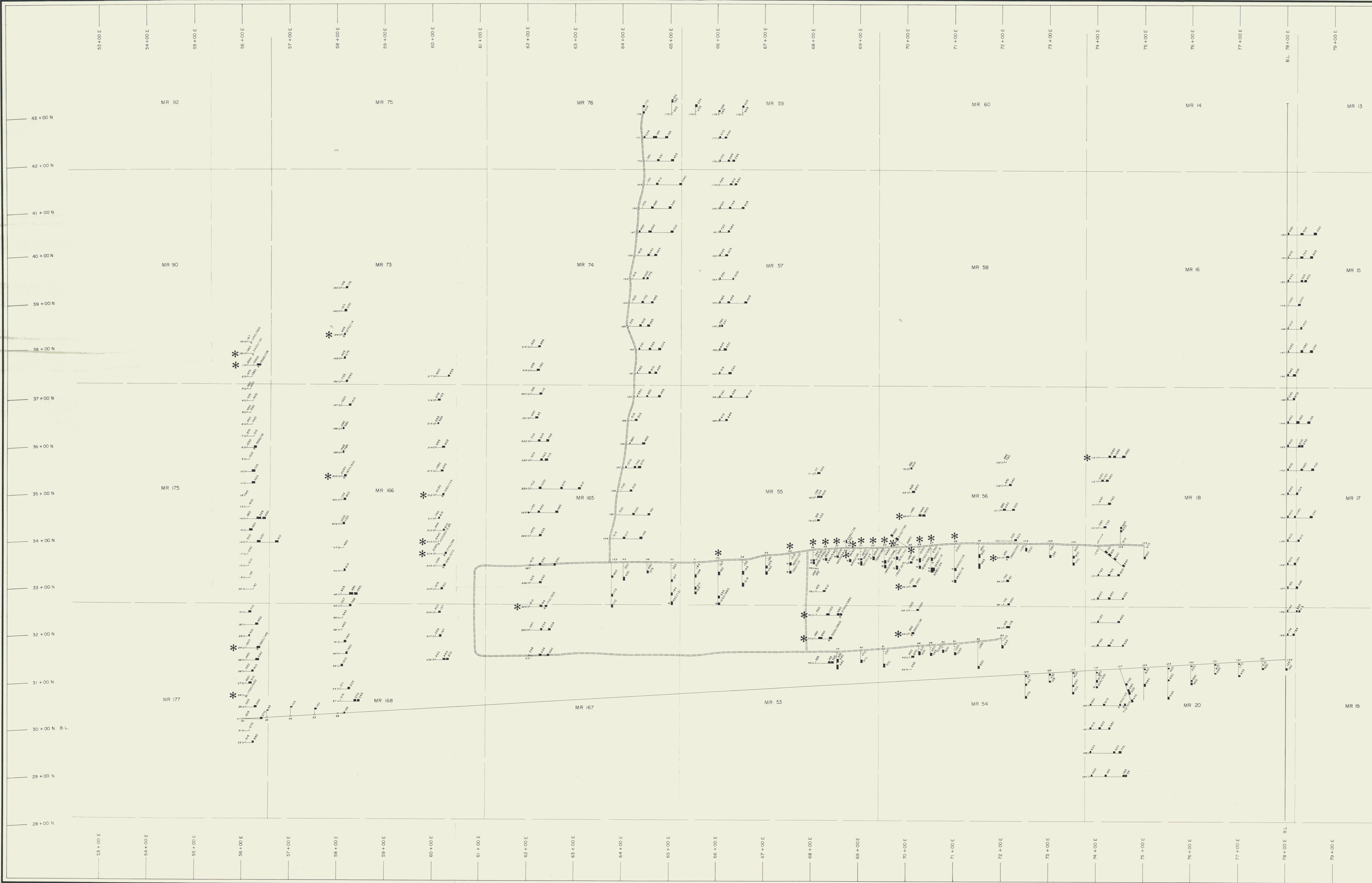
GETTY CANADIAN METALS, LIMITED.
REGIONAL RESOURCES LTD.
MEISTER PROPERTY
SOUTH ZONE
LEAD
OVERBURDEN SOIL AND
ROCK GEOCHEMISTRY
SONIC DRILL PROGRAM
WOLF LAKE MAP AREA, N.T.S. 105B/1,8
WATSON LAKE MINING DISTRICT, YUKON TERRITORY

SCALE = 1:2,500
0 50 100 150 METRES

BY
CORDILLERAN ENGINEERING
1980-1035 W. HASTINGS STREET
VANCOUVER, B.C. V6E 2E9

OCTOBER 1984

091614



43+00 N
42+00 N
41+00 N
40+00 N
39+00 N
38+00 N
37+00 N
36+00 N
35+00 N
34+00 N
33+00 N
32+00 N
31+00 N
30+00 N B.L.
29+00 N
28+00 N

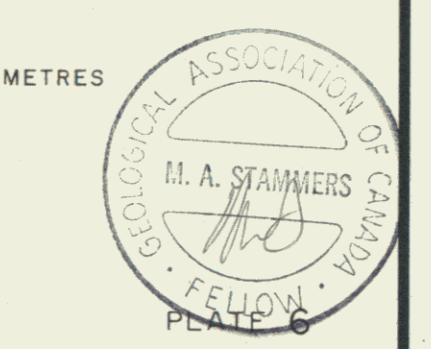


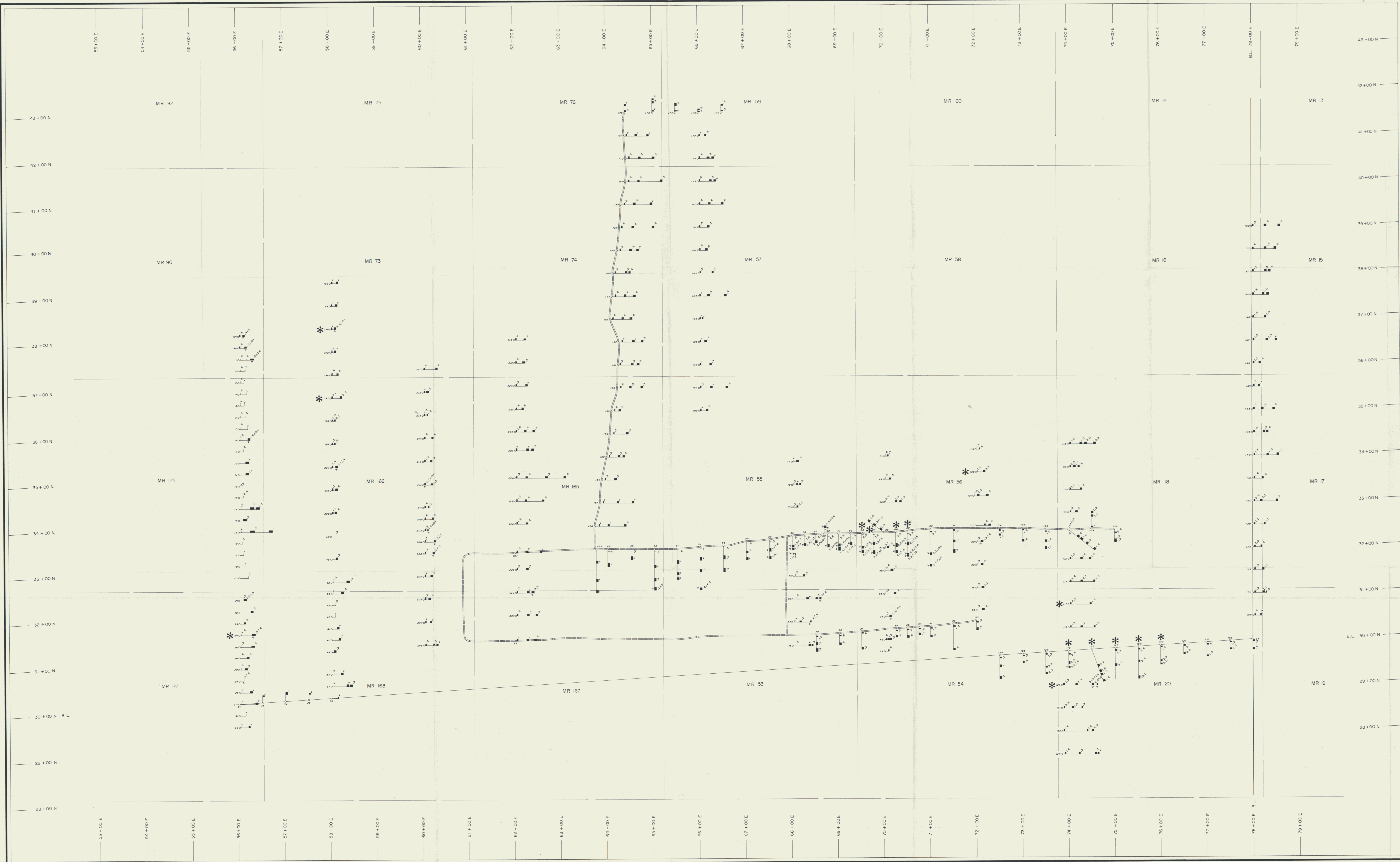
EXPLANATION

- SONIC DRILL HOLE NUMBER
- COLLAR LOCATION
- "SURFACE" SOIL SAMPLE
- +40 MESH ROCK SAMPLE
- 80 MESH SOIL SAMPLE
- A DENOTES ASSAY SAMPLE
- R DENOTES ROCK GEOCHEM SAMPLE
- * INDICATES STRONGLY ANOMALOUS RESULTS (VALUES > 500 ppm Zn)
- MR 60 CLAIM NAME AND APPROXIMATE BOUNDARY LOCATION
- CAT TRAIL
- CUT BASE LINES
- A - VALUES IN % Zn
ALL OTHER VALUES ARE IN PARTS PER MILLION ZINC
- NOTE: ALL HOLES ARE DRILLED VERTICALLY

GETTY CANADIAN METALS, LIMITED.
REGIONAL RESOURCES LTD.
MEISTER PROPERTY
SOUTH ZONE
ZINC
OVERBURDEN SOIL AND
ROCK GEOCHEMISTRY
SONIC DRILL PROGRAM
WOLF LAKE MAP AREA, N.T.S. I05B/1,8
WATSON LAKE MINING DISTRICT, YUKON TERRITORY

SCALE = 1:2,500
BY
CORDILLERAN ENGINEERING
1980-1055 W. HASTINGS STREET
VANCOUVER, B.C. V6E 2E9
OCTOBER 1984
091614





EXPLANATION

SONIC DRILL HOLE NUMBER
 COLLAR LOCATION
 SURFACE SOIL SAMPLE
 40 MESH ROCK SAMPLE
 60 MESH SOIL SAMPLE
 A DENOTES ASSAY SAMPLE
 R DENOTES ROCK GEOCHEM SAMPLE

* INDICATES STRONGLY ANOMALOUS RESULTS
 (VALUES > 5 ppm Ag)

MR 60 CLAIM NAME AND APPROXIMATE BOUNDARY LOCATION

--- CAT TRAIL

--- CUT BASE LINES

A - VALUES IN OUNCES PER TON SILVER FOR ROCK ASSAYS
 ALL OTHER VALUES ARE IN PARTS PER MILLION SILVER
 * - DENOTES VALUES LESS THAN 0.1 ppm SILVER

NOTE: ALL HOLES ARE DRILLED VERTICALLY

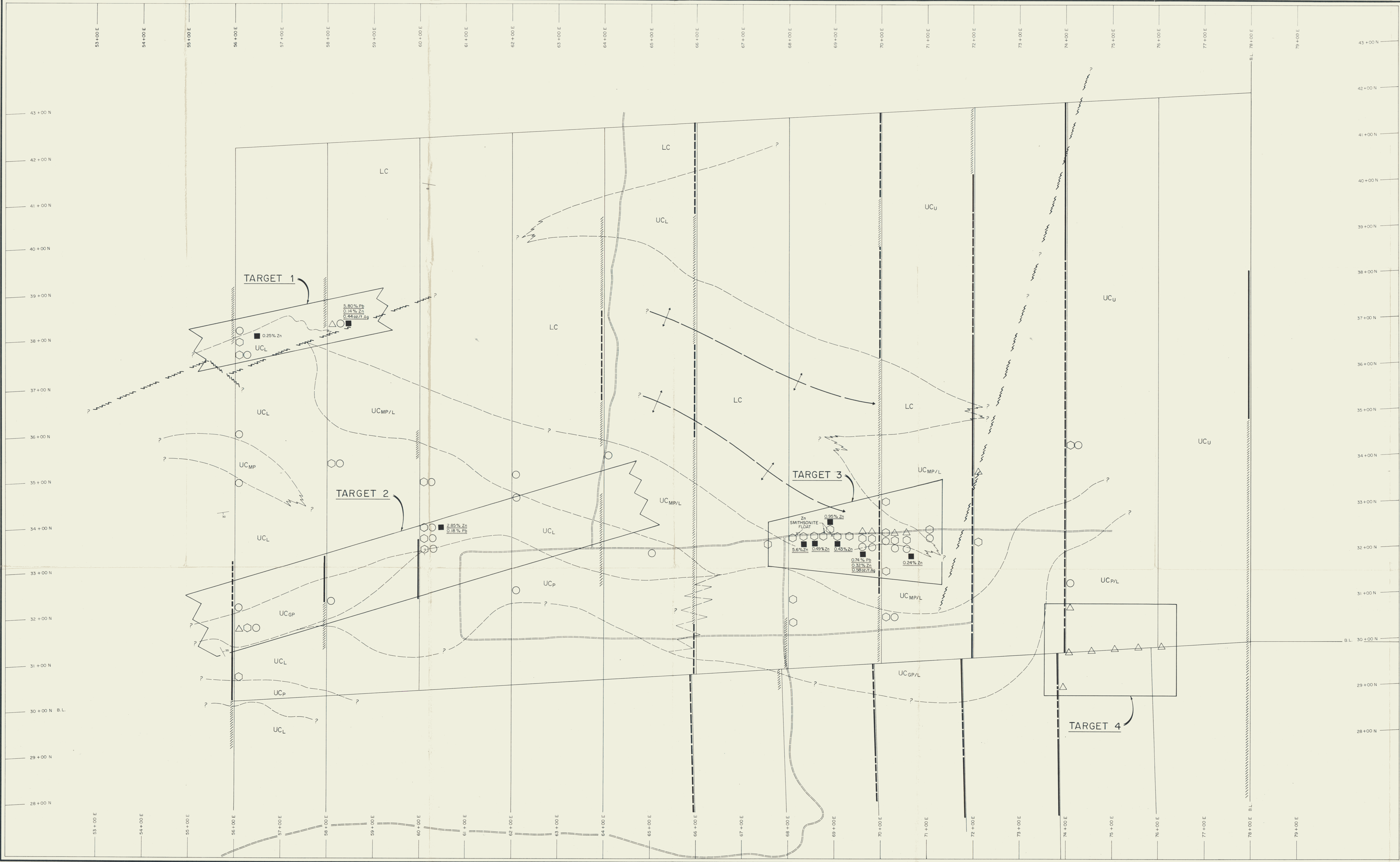
GETTY CANADIAN METALS, LIMITED.
 REGIONAL RESOURCES LTD.
 MEISTER PROPERTY
 SOUTH ZONE
SILVER
 OVERBURDEN SOIL AND
 ROCK GEOCHEMISTRY
 SONIC DRILL PROGRAM
 WOLF LAKE MAP AREA, N.T.S. 105B/1,8
 WATSON LAKE MINING DISTRICT, YUKON TERRITORY

SCALE 1:2,500
 0 50 100 150 METRES

BY
 CORDILLERAN ENGINEERING
 1980-1055 W. HASTINGS STREET
 VANCOUVER, B.C. V6E 2E9

OCTOBER 1984 **091614**

ASSOCIATION OF PROFESSIONAL ENGINEERS
 M. ALSTON
 FELLOW
 PLATE 7



EXPLANATION

GEOLOGY
LOWER CAMBRIAN-UPPER CLASTICS & CARBONATE

- UCU UNDIVIDED LIMESTONE AND PHYLLITE LITHOLOGIES
- UCp UNDIVIDED PHYLLITE LITHOLOGIES
- UCMP MUSCOVITE-SERICITE QUARTZ PHYLLITE
- UCGP CARBONACEOUS TO GRAPHITIC PHYLLITE
- UCL LIMESTONE
- UCMP/L INTERBEDDED LIMESTONE AND UNDIVIDED PHYLLITE LITHOLOGIES
- UCMP/L INTERBEDDED LIMESTONE AND MUSCOVITE PHYLLITE
- UCGP/L INTERBEDDED LIMESTONE AND CARBONACEOUS PHYLLITE

LOWER CAMBRIAN OR EARLIER-LOWER CLASTICS

- LC UNDIVIDED ORTHOQUARTZITE, QUARTZITE AND PHYLLITE LITHOLOGIES

SYMBOLS

- APPROXIMATE AND/OR INFERRED GEOLOGICAL CONTACT
- - - - - INFERRED FAULT
- - - - - INFERRED ANTICLINAL FOLD AXIS
- /// BEDDING
- ~ SCHISTOSITY
- X MINERALIZATION
- - - - - CUT LINE

GEOPHYSICS - INDUCED POLARIZATION SURVEY

- DEFINITE ANOMALY
- - - - - PROBABLE ANOMALY
- /// POSSIBLE ANOMALY

OVERBURDEN DRILLING PROGRAM
STRONGLY ANOMALOUS SAMPLING RESULTS

- △ SILVER VALUES ≥ 3.5 ppm Ag (SOIL SIZE FRACTION)
- ZINC VALUES ≥ 1500 ppm Zn (SOIL SIZE FRACTION)
- LEAD VALUES ≥ 500 ppm Pb
- ASSAY SAMPLE FROM POSSIBLE BEDROCK INTERFACE

NOTE
BASE LINE 30+00N IS DATUM FOR ALL 1984 SURVEYS.

GETTY CANADIAN METALS, LIMITED
REGIONAL RESOURCES LTD.
1984 COMPILATION MAP
SOUTH ZONE
MR CLAIM GROUP
WOLF LAKE MAP AREA, N.T.S. 105B/1,8
WATSON LAKE MINING DISTRICT, YUKON TERRITORY

SCALE 1 : 10,000
0 50 100 150 METRES

BY
CORDILLERAN ENGINEERING
1980-1055 W. HASTINGS STREET
VANCOUVER, B.C. V6E 2E9

OCTOBER 1984

PLATE B

VOLUME II

Appendices

- APPENDIX A Analytical Reports
- APPENDIX B Overburden Drill Logs
- APPENDIX C Report On The Induced Polarization
And Resistivity Survey On The Meister
Property, By Phoenix Geophysics Limited.



REPORT: 124-1660

PROJECT: REISTER PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM	Mn PPM	Fe PCT	NOTE	SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM	Mn PPM	Fe PCT	NOTE
S 6200N	8650E	20	98	0.2	310	2.50		S 7000E	3100N	119	550	0.7	610	3.90	
S 6200N	8700E	13	53	<0.2	100	1.60		S 7000E	3150N	288	1300	1.0	2100	5.20	
S 6200N	8750E	16	95	0.2	195	2.30		S 7000E	3200N	408	1730	2.4	2000	4.00	
S 6200N	8800E	11	39	<0.2	229	1.40		S 7000E	3250N	379	1480	3.1	2600	5.00	
S 6200N	8850E	18	125	<0.2	630	2.30		S 7000E	3350N	265	1480	2.6	760	2.05	
S 6200N	8900E	17	69	<0.2	300	1.80		S 7000E	3400N	148	900	0.4	280	3.45	
S 6200N	8950E	30	117	<0.2	250	2.80		S 7000E	3450N	122	590	0.4	220	3.10	
S 6500N	9000E	25	91	<0.2	1200	2.30		S 7000E	3500N	176	400	0.2	330	2.95	
S 6700E	3000N	347	392	0.3	1200	4.80		S 7100E	3000N	195	1420	1.0	5400	7.50	
S 6700E	3050N	235	770	0.5	970	5.00		S 7100E	3050N	160	525	0.5	750	3.80	
S 6700E	3100N	157	267	1.0	2200	5.30		S 7100E	3100N	376	1240	0.4	910	3.90	
S 6700E	3150N	224	276	0.5	1800	3.15		S 7100E	3150N	157	790	0.8	990	3.75	
S 6700E	3200N	251	337	1.3	1700	5.40		S 7100E	3200N	226	510	1.2	650	3.15	
S 6700E	3250N	150	250	0.4	1200	5.00		S 7100E	3250N	356	1190	0.9	970	2.05	
S 6700E	3350N	135	202	0.3	1300	4.40		S 7100E	3350N	228	1460	1.8	370	3.60	
S 6700E	3400N	153	303	0.2	890	3.60		S 7100E	3400N	172	450	<0.2	1000	2.70	
S 6700E	3450N	60	263	0.2	410	3.00		S 7100E	3450N	98	460	0.2	1600	1.70	
S 6700E	3500N	42	159	<0.2	190	3.15		S 7100E	3500N	125	595	0.2	790	3.30	
S 6800E	3000N	243	334	<0.2	450	4.70		S 7200E	3000N	151	510	1.7	450	4.80	
S 6800E	3050N	175	333	0.5	420	3.75		S 7200E	3050N	273	1010	1.4	720	3.50	
S 6800E	3100N	303	660	0.4	1500	3.75		S 7200E	3100N	27	103	0.3	360	4.70	
S 6800E	3150N	162	550	0.4	1000	4.20		S 7200E	3150N	247	710	0.8	530	4.00	
S 6800E	3200N	160	425	0.8	680	4.50		S 7200E	3200N	361	730	0.9	550	4.00	
S 6800E	3250N	143	1250	1.0	500	5.20		S 7200E	3250N	98	670	0.6	180	2.95	
S 6800E	3350N	84	333	0.2	870	4.20		S 7200E	3350N	141	880	1.6	880	5.00	
S 6800E	3400N	157	286	0.3	1300	5.20		S 7200E	3400N	139	670	1.2	340	4.00	
S 6800E	3450N	41	111	<0.2	130	1.60		S 7200E	3450N	88	895	0.4	390	2.85	
S 6800E	4500N	69	273	<0.2	700	3.25		S 7200E	3500N	79	365	<0.2	650	2.25	
S 6900E	3000N	150	323	0.1	830	4.40		S 9200E	2000N	16	49	<0.2	780	3.80	
S 6900E	3050N	236	425	0.5	2100	6.10		S 9200E	2050N	13	57	<0.2	1100	4.50	
S 6900E	3100N	305	277	0.4	1500	3.45		S 9200E	2100N	26	46	<0.2	270	4.60	
S 6900E	3150N	119	445	0.3	1200	3.70		S 9200E	2150N	29	48	<0.2	415	4.80	
S 6900E	3200N	207	995	0.5	2600	5.00		S 9200E	2200N	30	47	<0.2	540	4.80	
S 6900E	3250N	284	1200	1.4	1400	4.50		S 9200E	2250N	23	41	<0.2	530	4.40	
S 6900E	3350N	174	465	0.4	630	3.05		S 9200E	2300N	12	25	<0.2	400	1.50	
S 6900E	3400N	86	392	0.2	1100	2.85		S 9200E	2350N	16	54	<0.2	330	3.25	
S 6900E	3450N	112	460	<0.2	420	3.10		S 9200E	2400N	38	71	<0.2	380	4.00	
S 6900E	3500N	173	425	0.7	460	2.80		S 9200E	2450N	30	82	<0.2	490	5.60	
S 7000E	3000N	151	430	0.7	500	4.60		S 9200E	2500N	32	86	<0.2	520	2.75	
S 7000E	3050N	148	500	0.4	720	4.60		S 9200E	2550N	23	52	<0.2	400	3.10	

REPORT: 124-1660

PROJECT: REISTER

PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM	Mn PPM	Fe PCT	NOTE	SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM	Mn PPM	Fe PCT	NOTE
S 9200E 2600N		19	43	<0.2	310	1.60		S 9400E 5550N		39	142	<0.2	450	3.45	
S 9200E 2650N		25	56	<0.2	360	3.30		S 9400E 5600N		43	141	<0.2	510	3.40	
S 9200E 2700N		26	59	<0.2	670	4.00		S 9600E 2000N		20	44	<0.2	1200	5.00	
S 9200E 2750N		33	49	<0.2	510	5.20		S 9600E 2050N		26	51	<0.2	1600	6.40	
S 9200E 2800N		37	63	<0.2	280	4.30		S 9600E 2100N		24	52	<0.2	460	5.30	
S 9200E 2850N		51	60	<0.2	1300	5.80		S 9600E 2150N		16	45	<0.2	500	3.40	
S 9200E 2900N		31	76	<0.2	760	3.75		S 9600E 2200N		18	51	<0.2	590	4.00	
S 9200E 2950N		26	78	<0.2	730	3.75		S 9600E 2250N		14	48	<0.2	500	3.10	
S 9200E 3000N		35	81	<0.2	750	4.40		S 9600E 2300N		20	54	<0.2	360	4.30	
S 9400E 2000N		15	40	<0.2	620	2.45		S 9600E 2350N		13	37	<0.2	370	2.00	
S 9400E 2050N		21	46	<0.2	590	4.90		S 9600E 2400N		13	22	<0.2	200	3.25	
S 9400E 2100N		29	45	<0.2	930	5.40		S 9600E 2450N		17	30	<0.2	360	3.75	
S 9400E 2150N		20	82	<0.2	2000	>10.00		S 9600E 2500N		19	43	<0.2	425	3.35	
S 9400E 2200N		19	50	<0.2	710	4.20		S 9600E 2550N		20	50	<0.2	490	3.20	
S 9400E 2250N		21	45	<0.2	380	4.80		S 9600E 2600N		29	51	<0.2	430	5.60	
S 9400E 2300N		17	41	<0.2	310	4.00		S 9600E 2650N		28	51	<0.2	420	4.70	
S 9400E 2350N		8	16	<0.2	80	1.20		S 9600E 2700N		11	51	<0.2	140	2.50	
S 9400E 2400N		25	51	<0.2	290	4.00		S 9600E 2750N		21	105	<0.2	1400	4.40	
S 9400E 2450N		11	39	<0.2	110	3.65		S 9600E 2800N		23	46	<0.2	530	5.00	
S 9400E 2500N		26	41	<0.2	310	4.30		S 9600E 2850N		27	48	<0.2	440	5.70	
S 9400E 2550N		26	46	<0.2	180	3.55		S 9600E 2900N		37	66	<0.2	1100	5.20	
S 9400E 2600N		27	51	<0.2	870	4.80		S 9600E 2950N		22	65	<0.2	400	3.45	
S 9400E 2650N		34	47	<0.2	700	6.20		S 9600E 3000N		29	90	<0.2	710	4.60	
S 9400E 2700N		27	60	<0.2	760	4.70		S 9600E 3050N		42	87	0.3	930	5.00	
S 9400E 2750N		20	49	<0.2	410	3.85		S 9600E 3100N		81	197	<0.2	580	4.30	
S 9400E 2800N		46	71	<0.2	400	5.30		S 9600E 3150N		104	233	1.0	1100	4.80	
S 9400E 2850N		38	78	<0.2	1100	5.50		S 9600E 3200N		57	103	<0.2	100	2.30	
S 9400E 2900N		31	58	<0.2	360	4.20		S 9600E 3250N		39	74	<0.2	245	3.90	
S 9400E 2950N		41	85	<0.2	1200	3.55		S 9600E 3300N		37	72	<0.2	130	3.00	
S 9400E 3000N		38	96	<0.2	550	3.95		S 9600E 3350N		22	50	<0.2	85	2.50	
S 9400E 3050N		36	100	<0.2	410	2.25		S 9600E 3400N		18	57	<0.2	195	2.95	
S 9400E 3100N		42	115	<0.2	360	2.65		S 9600E 3450N		15	55	<0.2	115	3.10	
S 9400E 3150N		38	117	<0.2	400	2.65		S 9600E 3500N		40	89	<0.2	150	3.25	
S 9400E 3200N		26	122	<0.2	340	2.55		S 9600E 3550N		68	139	<0.2	930	3.65	
S 9400E 3250N		37	111	<0.2	410	2.25		S 9600E 3600N		19	51	<0.2	140	2.55	
S 9400E 3300N		39	134	<0.2	250	3.05		S 9600E 3650N		18	48	<0.2	140	2.90	
S 9400E 3350N		39	158	<0.2	580	3.15		S 9600E 3700N		18	66	<0.2	120	2.95	
S 9400E 3400N		28	102	<0.2	350	1.95		S 9600E 3750N		17	60	<0.2	440	2.70	
S 9400E 3450N		43	108	<0.2	640	1.80		S 9600E 3800N		18	70	<0.2	180	2.80	
S 9400E 3500N		47	148	<0.2	730	3.35		S 9600E 3850N		17	47	<0.2	630	2.70	

REPORT: 124-1929

PROJECT: MEISTER

PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM	Mn PPM	Fe PCT	NOTE	SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM	Mn PPM	Fe PCT	NOTE
S 7450E	3000N	229	800	5.0	430	2.90		S 8800E	5050N	98	370	<0.2	210	3.35	
S 8800E	3050N	28	70	<0.2	650	2.80		S 8800E	5100N	81	280	0.4	335	2.75	
S 8800E	3100N	26	100	<0.2	370	2.50		S 8800E	5150N	80	330	0.3	800	2.75	
S 8800E	3200N	83	170	0.5	265	2.40		S 8800E	5200N	102	210	<0.2	440	2.05	
S 8800E	3250N	69	240	<0.2	305	2.50		S 8800E	5250N	132	265	0.2	280	2.50	
S 8800E	3300N	62	180	<0.2	245	2.20		S 8800E	5300N	88	245	0.3	440	2.75	
S 8800E	3350N	58	145	<0.2	140	2.15		S 8800E	5350N	94	280	0.4	380	3.70	
S 8800E	3400N	80	240	0.2	320	2.25		S 8800E	5400N	89	220	0.2	300	1.70	
S 8800E	3450N	54	180	0.2	130	1.65		S 8800E	5450N	37	120	0.2	245	2.45	
S 8800E	3500N	79	190	<0.2	235	2.90		S 8800E	5500N	35	148	0.2	285	3.25	
S 8800E	3550N	82	230	0.2	310	1.60		S 8800E	5550N	29	120	<0.2	535	2.50	
S 8800E	3600N	204	380	0.2	580	3.65		S 8800E	5600N	31	145	0.2	465	2.90	
S 8800E	3650N	131	255	<0.2	520	3.55		S 9000E	3150N	29	65	<0.2	675	4.00	
S 8800E	3700N	120	260	<0.2	255	3.35		S 9000E	3200N	53	85	0.3	270	2.30	
S 8800E	3750N	124	230	0.2	380	3.15		S 9000E	3250N	41	88	<0.2	310	2.75	
S 8800E	3800N	85	170	0.4	200	2.45		S 9000E	3300N	63	105	<0.2	220	2.80	
S 8800E	3850N	142	260	0.6	420	2.60		S 9000E	3350N	46	105	<0.2	235	3.35	
S 8800E	3900N	62	160	0.2	350	2.65		S 9000E	3400N	59	155	<0.2	510	2.85	
S 8800E	3950N	101	200	0.2	450	2.60		S 9000E	3450N	340	300	0.3	645	2.30	
S 8800E	4000N	51	170	<0.2	280	1.95		S 9000E	3500N	90	190	0.2	130	2.15	
S 8800E	4050N	38	105	<0.2	310	1.80		S 9000E	3550N	202	230	<0.2	280	2.50	
S 8800E	4100N	48	165	0.2	290	1.30		S 9000E	3600N	70	120	<0.2	335	1.85	
S 8800E	4150N	51	145	<0.2	450	1.85		S 9000E	3650N	95	185	<0.2	280	2.20	
S 8800E	4200N	40	100	<0.2	490	2.75		S 9000E	3700N	39	105	<0.2	200	2.90	
S 8800E	4250N	68	190	<0.2	240	3.60		S 9000E	3750N	77	165	<0.2	360	2.70	
S 8800E	4300N	30	90	<0.2	350	1.75		S 9000E	3800N	186	295	0.2	475	2.70	
S 8800E	4350N	29	95	<0.2	350	2.20		S 9000E	3850N	62	130	0.2	560	2.60	
S 8800E	4400N	81	245	0.4	440	2.70		S 9000E	3900N	40	95	<0.2	375	2.50	
S 8800E	4450N	50	150	<0.2	445	2.70		S 9000E	3950N	57	120	<0.2	400	2.50	
S 8800E	4500N	53	150	0.2	340	2.50		S 9000E	4000N	31	100	0.2	325	2.60	
S 8800E	4550N	42	120	<0.2	470	2.50		S 9000E	4050N	50	110	0.2	410	3.10	
S 8800E	4600N	32	65	<0.2	250	1.90		S 9000E	4100N	53	115	<0.2	275	2.40	
S 8800E	4650N	38	90	0.2	300	1.90		S 9000E	4150N	41	110	<0.2	440	2.65	
S 8800E	4700N	47	120	0.2	440	2.05		S 9000E	4200N	30	110	0.2	355	2.30	
S 8800E	4750N	41	100	<0.2	275	1.65		S 9000E	4250N	26	85	<0.2	410	2.50	
S 8800E	4800N	49	155	<0.2	250	2.55		S 9000E	4300N	24	65	<0.2	430	2.20	
S 8800E	4850N	42	145	0.2	380	2.00		S 9000E	4350N	25	70	<0.2	265	1.75	
S 8800E	4900N	29	160	<0.2	490	1.50		S 9000E	4400N	22	60	<0.2	390	2.15	
S 8800E	4950N	69	225	0.3	260	2.00		S 9000E	4450N	41	138	<0.2	525	3.00	
S 8800E	5000N	73	260	0.2	220	2.10		S 9000E	4500N	42	135	<0.2	505	3.05	

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SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Aq PPM	Mn PPM	Fe PCT	NOTE	SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Aq PPM	Mn PPM	Fe PCT	NOTE
S 9000E 4550N		37	92	<0.2	325	1.90		S 9200E 3950N		10	30	<0.2	265	0.70	
S 9000E 4600N		33	82	<0.2	300	1.60		S 9200E 4000N		13	40	<0.2	135	1.40	
S 9000E 4650N		59	130	<0.2	450	3.30		S 9200E 4050N		25	65	<0.2	350	2.55	
S 9000E 4700N		41	110	0.2	655	2.80		S 9200E 4100N		42	80	<0.2	375	2.40	
S 9000E 4750N		47	135	<0.2	660	3.15		S 9200E 4150N		24	68	<0.2	310	2.25	
S 9000E 4800N		48	145	0.2	685	3.25		S 9200E 4200N		29	78	<0.2	475	2.75	
S 9000E 4850N		50	125	0.2	380	3.10		S 9200E 4250N		18	45	<0.2	3000	2.10	
S 9000E 4900N		55	130	0.3	815	7.50		S 9200E 4300N		23	32	<0.2	630	2.50	
S 9000E 4950N		52	125	<0.2	830	3.95		S 9200E 4350N		11	18	<0.2	75	0.90	
S 9000E 5000N		56	175	<0.2	450	3.05		S 9200E 4400N		17	11	<0.2	970	2.85	
S 9000E 5050N		40	110	<0.2	500	2.85		S 9200E 4450N		9	23	<0.2	225	2.15	
S 9000E 5100N		41	145	<0.2	640	4.00		S 9200E 4500N		23	90	<0.2	485	2.00	
S 9000E 5150N		42	140	<0.2	370	3.55		S 9200E 4550N		49	175	<0.2	1400	3.20	
S 9000E 5200N		51	95	0.2	440	3.55		S 9200E 4600N		34	120	<0.2	550	1.65	
S 9000E 5250N		51	125	<0.2	430	2.90		S 9200E 4650N		47	135	<0.2	685	2.95	
S 9000E 5300N		42	110	0.2	600	3.20		S 9200E 4700N		55	135	0.2	565	3.35	
S 9000E 5350N		41	105	0.2	240	3.60		S 9200E 4750N		66	120	0.2	880	3.25	
S 9000E 5400N		49	98	<0.2	640	4.00		S 9200E 4800N		59	150	0.2	680	3.25	
S 9000E 5450N		47	110	0.2	405	3.65		S 9200E 4850N		30	120	0.2	500	2.80	
S 9000E 5500N		69	280	0.3	335	2.70		S 9200E 4900N		27	107	0.2	505	2.80	
S 9000E 5550N		70	240	0.2	450	2.00		S 9200E 4950N		34	120	<0.2	590	3.10	
S 9000E 5600N		48	150	<0.2	645	1.80		S 9200E 5000N		42	105	<0.2	540	3.25	
S 9200E 3050N		45	85	<0.2	590	4.00		S 9200E 5050N		43	90	0.4	855	3.00	
S 9200E 3100N		133	215	1.0	640	5.00		S 9200E 5100N		52	110	0.2	370	1.60	
S 9200E 3150N		185	270	0.6	510	6.00		S 9200E 5150N		37	120	0.2	450	2.35	
S 9200E 3200N		50	145	<0.2	285	3.95		S 9200E 5200N		35	120	<0.2	440	2.40	
S 9200E 3250N		23	60	<0.2	420	2.20		S 9200E 5250N		42	160	0.3	615	3.00	
S 9200E 3300N		39	65	<0.2	575	2.55		S 9200E 5300N		41	160	0.2	830	2.70	
S 9200E 3350N		35	65	<0.2	400	2.25		S 9200E 5350N		80	225	0.5	660	3.25	
S 9200E 3400N		66	130	0.2	1300	3.20		S 9200E 5400N		64	170	0.4	340	2.80	
S 9200E 3450N		23	50	<0.2	140	2.65		S 9200E 5450N		79	305	0.4	495	3.55	
S 9200E 3500N		20	60	<0.2	150	2.70		S 9200E 5500N		88	365	0.5	790	5.00	
S 9200E 3550N		41	70	<0.2	90	1.55		S 9200E 5550N		67	345	0.5	460	5.00	
S 9200E 3600N		39	95	<0.2	510	2.45		S 9200E 5600N		55	120	0.2	330	4.50	
S 9200E 3650N		52	95	<0.2	310	2.45		S 9400E 3050N		27	65	<0.2	735	3.30	
S 9200E 3700N		23	80	<0.2	175	2.90		S 9400E 3100N		97	135	0.2	460	3.95	
S 9200E 3750N		48	105	<0.2	400	3.10		S 9400E 3150N		227	400	0.2	565	6.00	
S 9200E 3800N		18	60	<0.2	150	1.55		S 9400E 3200N		27	80	<0.2	620	5.00	
S 9200E 3850N		12	35	<0.2	205	1.05		S 9400E 3250N		9	28	0.2	305	0.65	
S 9200E 3900N		39	88	0.2	350	2.30		S 9400E 3300N		19	145	<0.2	235	2.25	



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SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM	Mn PPM	Fe PCT	NOTE
S 9400E 3350N		20	50	<0.2	300	2.40	
S 9400E 3400N		26	80	<0.2	365	3.25	
S 9400E 3450N		75	120	<0.2	95	2.40	
S 9400E 3500N		24	50	<0.2	60	1.75	
S 9400E 3550N		33	68	<0.2	320	1.70	
S 9400E 3600N		50	65	<0.2	335	1.80	
S 9400E 3650N		23	62	<0.2	215	2.55	
S 9400E 3700N		35	68	<0.2	250	2.90	
S 9400E 3750N		19	68	<0.2	235	3.30	
S 9400E 3800N		22	68	<0.2	280	3.50	
S 9400E 3850N		26	60	<0.2	260	2.80	
S 9400E 3900N		30	64	<0.2	230	3.30	
S 9400E 3950N		29	60	0.2	350	2.75	
S 9400E 4000N		17	52	<0.2	130	2.70	
S 9400E 4050N		43	100	<0.2	230	5.50	
S 9400E 4100N		26	65	<0.2	375	2.90	
S 9400E 4150N		33	72	0.2	540	2.90	
S 9400E 4200N		17	35	<0.2	240	2.95	
S 9400E 4250N		30	72	<0.2	130	3.25	
S 9400E 4300N		26	55	<0.2	80	2.30	
S 9400E 4350N		33	92	<0.2	275	3.10	
S 9400E 4400N		27	38	<0.2	365	3.25	
S 9400E 4450N		26	50	<0.2	70	1.60	
S 9400E 4500N		26	40	<0.2	245	1.95	
S 9400E 4550N		31	52	0.3	300	2.05	
S 9400E 4600N		12	28	<0.2	20	0.80	
S 9400E 4650N		34	65	<0.2	670	2.80	
S 9400E 4700N		43	130	<0.2	520	3.10	
S 9400E 4750N		32	140	<0.2	380	2.90	
S 9400E 4800N		58	150	<0.2	810	3.70	
S 9400E 4850N		51	120	0.2	490	2.30	
S 9400E 4900N		52	130	0.2	590	3.15	
S 9400E 4950N		37	140	0.2	600	3.30	
S 9400E 5000N		43	145	0.2	500	3.10	

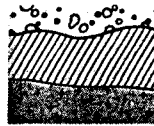


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SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM	Mn PPM	Fe PCT	NOTE	SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM	Mn PPM	Fe PCT	NOTE
S 8000E-2000N		34	56	0.3	860	2.90		S 8200E-2950N		230	226	1.1	460	7.50	
S 8000E-2050N		49	86	0.2	810	3.20		S 8200E-3000N		369	382	1.7	890	9.00	
S 8000E-2100N		46	51	<0.2	640	4.00		S 8400E-2000N		35	70	0.2	380	2.25	
S 8000E-2150N		51	86	<0.2	490	2.65		S 8400E-2050N		36	91	0.3	380	2.05	
S 8000E-2200N		55	88	<0.2	1600	4.80		S 8400E-2100N		20	82	0.2	380	2.60	
S 8000E-2250N		80	51	<0.2	1200	6.00		S 8400E-2150N		22	96	<0.2	450	3.20	
S 8000E-2300N		57	92	<0.2	470	3.60		S 8400E-2200N		21	69	<0.2	610	3.50	
S 8000E-2350N		76	52	<0.2	670	5.80		S 8400E-2250N		18	114	<0.2	625	2.60	
S 8000E-2400N		49	55	<0.2	565	3.50		S 8400E-2300N		20	64	<0.2	690	2.45	
S 8000E-2450N		87	60	<0.2	610	6.10		S 8400E-2350N		21	54	<0.2	455	1.65	
S 8000E-2500N		103	47	<0.2	1200	6.20		S 8400E-2400N		13	42	<0.2	625	1.10	
S 8000E-2550N		41	60	<0.2	390	5.10		S 8400E-2450N		37	55	<0.2	255	3.35	
S 8000E-2600N		109	70	<0.2	2600	7.50		S 8400E-2500N		45	55	<0.2	700	3.60	
S 8000E-2650N		62	95	<0.2	960	5.80		S 8400E-2550N		34	64	<0.2	470	2.40	
S 8000E-2700N		85	80	<0.2	1100	7.20		S 8400E-2600N		29	71	<0.2	670	3.00	
S 8000E-2750N		81	45	<0.2	340	6.20		S 8400E-2650N		41	50	<0.2	660	4.80	
S 8000E-2800N		85	87	<0.2	1700	3.75		S 8400E-2700N		22	67	<0.2	420	2.75	
S 8000E-2850N		201	1120	2.5	1100	5.00		S 8400E-2750N		18	52	<0.2	470	2.70	
S 8000E-2900N		158	124	0.5	195	6.20		S 8400E-2800N		41	72	<0.2	800	3.45	
S 8000E-2950N		125	110	<0.2	395	7.00		S 8400E-2850N		34	72	<0.2	585	3.45	
S 8000E-3000N		116	112	0.2	715	6.70		S 8400E-2900N		40	69	<0.2	490	3.35	
S 8200E-2000N		30	60	0.4	370	3.20		S 8400E-2950N		33	56	<0.2	670	2.10	
S 8200E-2050N		33	56	0.2	840	2.60		S 8400E-3000N		71	278	0.9	360	3.40	
S 8200E-2100N		34	60	<0.2	545	2.80		S 8400E-3100N		80	224	0.2	380	3.40	
S 8200E-2150N		43	64	<0.2	1100	3.50		S 8400E-3150N		201	1200	1.2	1200	6.70	
S 8200E-2200N		23	53	<0.2	370	3.00		S 8400E-3200N		109	193	1.0	500	2.70	
S 8200E-2250N		35	64	<0.2	390	3.10		S 8400E-3250N		115	148	<0.2	950	5.10	
S 8200E-2300N		37	68	<0.2	570	3.10		S 8400E-3300N		74	140	0.3	470	1.95	
S 8200E-2350N		32	60	0.2	800	2.50		S 8400E-3350N		65	125	<0.2	410	1.55	
S 8200E-2400N		40	88	<0.2	375	3.15		S 8400E-3400N		102	65	<0.2	560	5.50	
S 8200E-2450N		41	85	0.2	540	3.40		S 8400E-3450N		131	130	<0.2	930	6.00	
S 8200E-2500N		47	55	<0.2	300	5.20		S 8400E-3500N		81	120	<0.2	300	5.20	
S 8200E-2550N		47	60	<0.2	920	5.30		S 8400E-3550N		160	152	<0.2	560	6.00	
S 8200E-2600N		34	65	0.3	940	3.25		S 8400E-3600N		110	202	0.4	380	2.30	
S 8200E-2650N		68	50	<0.2	1400	5.30		S 8400E-3650N		119	268	0.3	1900	5.70	
S 8200E-2700N		86	54	<0.2	3200	6.00		S 8400E-3700N		108	247	<0.2	410	5.70	
S 8200E-2750N		66	47	<0.2	1200	6.20		S 8400E-3750N		103	145	0.3	780	5.00	
S 8200E-2800N		123	1130	2.6	425	3.65		S 8400E-3800N		158	174	<0.2	530	5.40	
S 8200E-2850N		127	800	0.7	420	3.60		S 8400E-3850N		163	216	<0.2	1900	5.30	
S 8200E-2900N		152	970	0.9	1700	6.30		S 8400E-3900N		118	220	<0.2	1100	5.60	



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SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM	Mn PPM	Fe PCT	NOTE	SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM	Mn PPM	Fe PCT	NOTE
S 8400E-3950N		118	142	<0.2	550	5.00		S 8600E-2950N		30	64	<0.2	870	2.90	
S 8400E-4000N		141	280	0.6	680	5.00		S 8600E-3000N		24	45	<0.2	475	1.60	
S 8400E-4050N		122	350	0.2	510	3.90		S 8600E-3100N		34	58	<0.2	365	1.60	
S 8400E-4100N		93	188	<0.2	390	3.60		S 8600E-3150N		53	165	<0.2	370	3.15	
S 8400E-4150N		131	440	0.2	660	3.10		S 8600E-3200N		75	119	<0.2	510	2.90	
S 8400E-4200N		48	130	<0.2	850	3.15		S 8600E-3250N		100	267	<0.2	445	3.05	
S 8400E-4250N		93	400	0.2	375	3.35		S 8600E-3300N		101	185	<0.2	1000	5.50	
S 8400E-4300N		197	420	<0.2	850	4.00		S 8600E-3350N		115	204	<0.2	730	5.40	
S 8400E-4350N		66	278	0.5	920	3.95		S 8600E-3400N		140	224	0.3	1800	5.40	
S 8400E-4400N		169	570	<0.2	790	5.70		S 8600E-3450N		117	258	0.3	410	2.05	
S 8400E-4450N		267	440	0.2	790	3.35		S 8600E-3500N		118	306	0.4	320	3.00	
S 8400E-4500N		32	278	<0.2	460	3.40		S 8600E-3550N		159	410	0.2	550	3.30	
S 8400E-4550N		38	116	<0.2	200	2.85		S 8600E-3600N		65	92	<0.2	75	2.05	
S 8400E-4600N		76	308	0.4	500	3.45		S 8600E-3650N		212	420	<0.2	1000	5.80	
S 8400E-4650N		81	208	0.2	590	3.20		S 8600E-3700N		80	300	0.2	420	3.40	
S 8400E-4700N		47	130	0.3	480	2.55		S 8600E-3750N		73	130	0.3	410	3.30	
S 8400E-4750N		71	248	1.0	820	3.40		S 8600E-3800N		83	192	0.3	1400	2.35	
S 8400E-4800N		69	230	0.4	1000	4.00		S 8600E-3850N		106	480	0.2	465	3.65	
S 8400E-4850N		35	120	<0.2	410	5.00		S 8600E-3900N		89	200	0.2	340	3.50	
S 8400E-4900N		62	96	<0.2	300	3.40		S 8600E-3950N		48	104	0.2	395	1.50	
S 8400E-4950N		81	127	0.2	135	4.90		S 8600E-4000N		82	340	0.2	210	3.15	
S 8400E-5000N		134	234	0.5	530	2.30		S 8600E-4050N		88	132	<0.2	315	3.65	
S 8600E-2000N		26	47	<0.2	1600	7.80		S 8600E-4100N		135	390	<0.2	555	3.70	
S 8600E-2050N		30	70	0.2	620	3.30		S 8600E-4150N		139	246	0.2	310	4.50	
S 8600E-2100N		20	44	<0.2	680	3.65		S 8600E-4200N		101	312	0.2	910	4.40	
S 8600E-2150N		14	46	<0.2	210	2.50		S 8600E-4250N		69	157	0.4	435	1.60	
S 8600E-2200N		31	75	0.2	540	3.25		S 8600E-4300N		116	350	<0.2	820	3.50	
S 8600E-2250N		32	110	<0.2	1600	3.60		S 8600E-4350N		105	220	<0.2	580	3.30	
S 8600E-2300N		25	71	<0.2	650	3.00		S 8600E-4400N		64	181	0.2	1900	2.70	
S 8600E-2350N		44	56	<0.2	870	4.90		S 8600E-4450N		61	155	<0.2	180	4.40	
S 8600E-2400N		40	60	<0.2	800	4.60		S 8600E-4500N		88	230	0.3	1600	4.80	
S 8600E-2450N		31	59	0.2	600	3.80		S 8600E-4550N		57	250	0.3	860	4.30	
S 8600E-2500N		22	60	<0.2	370	2.80		S 8600E-4600N		82	285	0.5	1900	4.00	
S 8600E-2550N		28	53	<0.2	345	1.65		S 8600E-4650N		96	266	0.3	850	5.00	
S 8600E-2600N		30	52	0.2	450	2.75		S 8600E-4700N		51	184	0.2	335	2.75	
S 8600E-2650N		29	44	0.2	575	2.70		S 8600E-4750N		67	188	0.4	810	2.85	
S 8600E-2700N		31	56	<0.2	775	6.10		S 8600E-4800N		61	120	0.4	305	4.70	
S 8600E-2750N		25	76	<0.2	580	3.05		S 8600E-4850N		52	206	0.4	1700	3.90	
S 8600E-2800N		21	70	<0.2	670	2.70		S 8600E-4900N		96	96	<0.2	190	4.80	
S 8600E-2850N		19	65	<0.2	180	2.65		S 8600E-4950N		63	112	0.3	420	4.60	

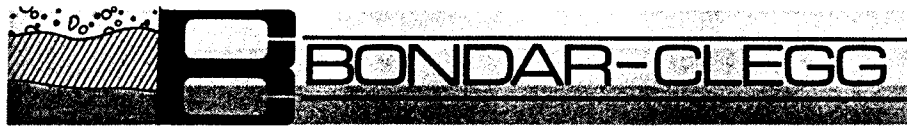


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SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM	Mn PPM	Fe PCT	NOTE	SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM	Mn PPM	Fe PCT	NOTE
S 8600E-5000N		81	164	0.3	820	6.50		S 9000E-2900N		35	101	<0.2	860	2.95	
S 8800E-2000N		18	35	<0.2	480	3.45		S 9000E-2950N		39	52	<0.2	460	3.85	
S 8800E-2050N		17	40	<0.2	670	3.50		S 9000E-3000N		26	67	<0.2	600	3.00	
S 8800E-2100N		32	45	<0.2	1100	5.00		S 9800E-2000N		19	48	<0.2	700	4.90	
S 8800E-2150N		22	48	<0.2	710	6.00		S 9800E-2050N		25	43	<0.2	1600	5.30	
S 8800E-2200N		19	46	<0.2	470	4.50		S 9800E-2100N		19	36	<0.2	1100	5.70	
S 8800E-2250N		9	16	<0.2	320	1.40		S 9800E-2150N		19	44	<0.2	2600	4.50	
S 8800E-2300N		14	30	<0.2	330	2.60		S 9800E-2200N		16	37	<0.2	440	2.45	
S 8800E-2350N		23	55	<0.2	1100	5.00		S 9800E-2250N		16	36	<0.2	800	2.60	
S 8800E-2400N		6	24	<0.2	1000	2.60		S 9800E-2300N		15	30	<0.2	390	2.50	
S 8800E-2450N		23	47	<0.2	710	4.90		S 9800E-2350N		15	35	<0.2	500	2.45	
S 8800E-2500N		20	43	<0.2	450	3.70		S 9800E-2400N		16	30	<0.2	540	3.25	
S 8800E-2550N		22	40	<0.2	290	3.00		S 9800E-2450N		12	28	<0.2	220	1.65	
S 8800E-2600N		33	48	<0.2	850	3.05		S 9800E-2500N		19	38	<0.2	120	3.55	
S 8800E-2650N		29	56	<0.2	360	3.50		S 9800E-2550N		20	40	<0.2	1300	4.30	
S 8800E-2700N		41	64	<0.2	580	3.80		S 9800E-2600N		22	38	<0.2	1100	5.40	
S 8800E-2750N		41	60	<0.2	450	3.95		S 9800E-2650N		21	40	<0.2	580	3.50	
S 8800E-2800N		38	63	<0.2	580	3.80		S 9800E-2700N		27	40	<0.2	345	3.90	
S 8800E-2850N		27	51	<0.2	570	3.40		S 9800E-2750N		27	48	<0.2	330	4.40	
S 8800E-2900N		32	52	<0.2	490	3.50		S 9800E-2800N		16	28	<0.2	1200	2.55	
S 8800E-2950N		14	39	<0.2	830	1.45		S 9800E-2850N		17	40	<0.2	460	3.25	
S 8800E-3000N		25	70	<0.2	340	2.90		S 9800E-2900N		29	44	<0.2	270	4.30	
S 9000E-2000N		18	60	<0.2	650	3.10		S 9800E-2950N		37	50	<0.2	1500	5.10	
S 9000E-2050N		15	52	<0.2	960	3.35		S 9800E-3000N		17	36	<0.2	200	2.45	
S 9000E-2100N		21	55	<0.2	520	5.60		S 9800E-3050N		33	48	<0.2	410	3.95	
S 9000E-2150N		20	56	<0.2	600	4.30		S 9800E-3100N		16	36	<0.2	330	1.50	
S 9000E-2200N		18	40	<0.2	490	2.95		S 9800E-3150N		19	50	<0.2	385	2.70	
S 9000E-2250N		11	24	0.2	280	1.60		S 9800E-3200N		20	54	<0.2	555	1.80	
S 9000E-2300N		23	26	<0.2	820	5.10		S 9800E-3250N		71	131	0.4	470	2.65	
S 9000E-2350N		34	41	<0.2	480	4.20		S 9800E-3300N		41	78	<0.2	190	3.45	
S 9000E-2400N		22	34	<0.2	340	2.75		S 9800E-3350N		46	65	<0.2	400	4.40	
S 9000E-2450N		29	44	<0.2	730	3.80		S 9800E-3400N		41	65	<0.2	530	4.00	
S 9000E-2500N		35	34	<0.2	530	3.70		S 9800E-3450N		54	48	<0.2	285	3.60	
S 9800E-2550N		28	41	<0.2	850	2.80		S 9800E-3500N		27	50	<0.2	520	4.00	
S 9000E-2600N		35	45	<0.2	270	5.20		S 9800E-3550N		35	60	<0.2	150	3.35	
S 9000E-2650N		28	67	<0.2	560	4.20		S 9800E-3600N		41	67	0.2	360	2.20	
S 9000E-2700N		23	64	<0.2	900	3.90		S 9800E-3650N		19	48	<0.2	120	2.70	
S 9000E-2750N		29	44	<0.2	700	3.65		S 9800E-3700N		20	60	<0.2	130	3.20	
S 9000E-2800N		38	52	<0.2	580	2.90		S 9800E-3750N		19	76	<0.2	430	2.80	
S 9000E-2850N		38	72	0.2	800	3.05		S 9800E-3800N		33	71	<0.2	480	2.70	

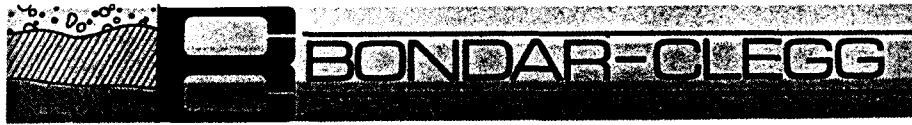


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SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM	Mn PPM	Fe PCT	NOTE	SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM	Mn PPM	Fe PCT	NOTE
S 9800E-3850N		27	76	<0.2	280	3.10		S 10000E-2800N		18	62	<0.2	460	3.30	
S 9800E-3900N		18	70	<0.2	350	2.40		S 10000E-2850N		18	42	<0.2	250	3.15	
S 9800E-3950N		20	75	<0.2	290	2.45		S 10000E-2900N		25	48	<0.2	280	4.00	
S 9800E-4000N		18	72	<0.2	205	2.10		S 10000E-2950N		23	40	<0.2	245	3.65	
S 9800E-4050N		26	80	<0.2	1100	2.70		S 10000E-3000N		26	56	<0.2	1100	4.60	
S 9800E-4100N		22	52	0.2	740	2.35		S 10000E-3050N		19	36	<0.2	80	2.05	
S 9800E-4150N		128	180	<0.2	2200	5.00		S 10000E-3100N		12	36	<0.2	320	1.30	
S 9800E-4200N		104	140	0.2	120	4.00		S 10000E-3150N		11	32	<0.2	1100	1.25	
S 9800E-4250N		69	127	<0.2	175	3.15		S 10000E-3200N		68	112	<0.2	380	3.00	
S 9800E-4300N		17	24	<0.2	20	0.85		S 10000E-3250N		45	87	0.3	730	2.20	
S 9800E-4350N		14	15	<0.2	15	0.75		S 10000E-3300N		39	56	<0.2	650	3.30	
S 9800E-4400N		18	28	<0.2	20	1.05		S 10000E-3350N		67	102	<0.2	720	4.70	
S 9800E-4450N		37	46	<0.2	70	2.00		S 10000E-3400N		29	63	<0.2	130	3.05	
S 9800E-4500N		21	9	<0.2	10	0.40		S 10000E-3450N		50	72	<0.2	390	2.25	
S 9800E-4550N		24	32	<0.2	80	2.25		S 10000E-3500N		35	60	<0.2	865	5.00	
S 9800E-4600N		19	35	<0.2	95	2.10		S 10000E-3550N		43	60	<0.2	310	3.05	
S 9800E-4650N		16	24	<0.2	55	1.10		S 10000E-3600N		17	36	<0.2	410	1.40	
S 9800E-4700N		26	57	<0.2	120	2.05		S 10000E-3650N		22	78	<0.2	520	2.70	
S 9800E-4750N		41	71	<0.2	140	2.85		S 10000E-3750N		17	99	<0.2	390	2.55	
S 9800E-4800N		45	152	<0.2	1400	3.35		S 10000E-3800N		17	81	<0.2	280	2.80	
S 9800E-4850N		59	110	<0.2	230	3.30		S 10000E-3850N		23	98	<0.2	440	3.25	
S 9800E-4900N		38	68	<0.2	140	3.25		S 10000E-3900N		19	60	<0.2	140	3.15	
S 9800E-4950N		61	103	<0.2	240	3.85		S 10000E-3950N		28	59	<0.2	320	2.60	
S 9800E-5000N		47	120	<0.2	550	2.30		S 10000E-4000N		19	80	<0.2	170	2.40	
S 10000E-2000N		23	36	<0.2	1000	5.30		S 10000E-4050N		20	126	0.2	390	2.30	
S 10000E-2050N		18	38	<0.2	740	5.00		S 10000E-4100N		16	60	<0.2	4000	3.45	
S 10000E-2100N		19	44	<0.2	210	4.80		S 10000E-4150N		26	76	<0.2	510	3.10	
S 10000E-2150N		28	41	<0.2	650	4.30		S 10000E-4200N		19	76	<0.2	400	2.70	
S 10000E-2200N		20	44	<0.2	720	3.75		S 10000E-4250N		19	40	<0.2	90	2.15	
S 10000E-2250N		17	36	<0.2	900	3.65		S 10000E-4300N		12	20	<0.2	40	1.10	
S 10000E-2300N		19	52	<0.2	900	3.95		S 10000E-4350N		69	125	<0.2	150	2.65	
S 10000E-2350N		21	25	<0.2	560	3.05		S 10000E-4400N		20	24	<0.2	75	2.05	
S 10000E-2400N		12	28	<0.2	670	1.80		S 10000E-4450N		17	30	<0.2	105	2.40	
S 10000E-2450N		19	38	<0.2	315	3.10		S 10000E-4500N		23	44	<0.2	50	1.50	
S 10000E-2500N		23	40	<0.2	670	3.10		S 10000E-4550N		20	32	<0.2	40	1.20	
S 10000E-2550N		17	43	<0.2	390	3.30		S 10000E-4600N		9	20	<0.2	75	1.70	
S 10000E-2600N		11	38	<0.2	420	2.80		S 10000E-4650N		23	51	<0.2	115	2.55	
S 10000E-2650N		13	39	<0.2	330	2.65		S 10000E-4700N		15	44	<0.2	115	2.30	
S 10000E-2700N		10	30	<0.2	340	1.90		S 10000E-4750N		33	80	<0.2	120	2.05	
S 10000E-2750N		21	72	<0.2	280	4.60		S 10000E-4800N		31	59	<0.2	150	2.25	

Bondar-Clegg & Company Ltd.
130 Pemberton Ave.
North Vancouver, B.C.
Canada V7P 2R5
Phone: (604) 985-0681
Telex: 04-352667



Geochemical
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SAMPLE NUMBER	ELEMENT UNITS	Pb PPM	Zn PPM	Ag PPM	Mn PPM	Fe PCT	NOTE
S 10000E-4850N		22	50	<0.2	115	1.90	
S 10000E-4900N		28	50	<0.2	580	1.75	
S 10000E-4950N		30	55	<0.2	380	2.20	
S 10000E-5000N		33	90	<0.2	420	2.80	

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>1</u>		Coordinates <u>5600</u> E, <u>3750</u> N				Surface Geology <u>LIMESTONE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
0.3						236	2000	0.8	560	4.8%	SOIL
0.75						1595	12800	0.9	8000	6.7%	DRILL SOIL
1.0-1.3						1600	12000	0.6	7400	3.0%	DRILL SOIL
1.3	—	90% BROWN-GREY	—	—	10% CALCITE	.02%	.08%	.04oz/t	—	—	BEDROCK INTERFACE

Summary of Geology

LIMESTONE BEDROCK, NORTH OF FAULT LINEAR

Hole No. <u>2</u>		Coordinates <u>5600</u> E, <u>3725</u> N				Surface Geology <u>LIMESTONE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
0.15						186	970	0.4	1600	3.70%	SOIL
0.60	—	80% MED TO DARK GREY	—	20% VARIABLY CARBONACEOUS	—	385	1360	0.3	1600	1.95%	DRILL SOIL

Summary of Geology

LIMESTONE BEDROCK, NORTH OF FAULT LINEAR

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>3</u>		Coordinates <u>5600</u> E, <u>3700</u> N				Surface Geology <u>LIMESTONE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
0.15						98	360	0.2	1200	3.40%	SOIL
0.50	<5%	90% grey	-	<5%	<1% CALCITE	273	850	<0.2	840	1.45%	DRILL SOIL
Summary of Geology <u>LIMESTONE BEDROCK</u>											

Hole No. <u>4</u>		Coordinates <u>5600</u> E, <u>3675</u> N				Surface Geology <u>LIMESTONE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
0.20						89	355	0.2	756	1.70%	SOIL
0.75	-	95% BANDED	-	-	5% QUARTZ	117	400	<0.2	720	1.40%	DRILL SOIL
Summary of Geology <u>LIMESTONE BEDROCK</u>											

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>5</u>		Coordinates <u>5600 E, 3650 N</u>				Surface Geology <u>LIMESTONE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
0.20						117	620	0.4	550	3.15%	SOIL
0.50	30% MIX RUSTY & WHITE	60% MED GREY	—	5%	5% QUARTZ	130	550	<0.2	1200	2.70%	DRILL SOIL

Summary of Geology BEDROCK UNCERTAIN, PROBABLE LIMESTONE BEDROCK

Hole No. <u>6</u>		Coordinates <u>5600 E, 3625 N</u>				Surface Geology <u>LIMESTONE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
1.25						83	360	0.2	840	2.90%	SOIL
1.65	—	>95% GREY	—	—	—	114	440	0.2	1200	2.05%	DRILL - SOIL

Summary of Geology LIMESTONE BEDROCK

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>7</u>		Coordinates <u>5600</u> E, <u>3600</u> N				Surface Geology <u>LIMESTONE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
0.25						66	270	0.3	680	3.75%	SOIL
0.80	10% Till(?)	15% light grey	CARBON- 75% ACEOUS	—	—	54	215	<0.2	730	1.05%	DRILL SOIL

Summary of Geology CALCAREOUS PHYLLITE BEDROCK

Hole No. <u>8</u>		Coordinates <u>5600</u> E, <u>3575</u> N				Surface Geology _____					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
0.25						346	1220	1.2	1600	5.0%	SOIL
0.8-1.0						1450	7200	1.5	4000	>10.0%	DRILL SOIL
1.0	5%	90% brown		5%		.02%	.10%	.04oz/t	—	—	ROCK

Summary of Geology LIMESTONE BEDROCK

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. 9 Coordinates 5600 E, 3550 N Surface Geology MUSC. PHYLITE

Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
0.4	—	—	—	79.5% QUARTZ SERICITE SILVER GREY	—	100	500	0.2	530	3.5%	DRILL/ SOIL

Summary of Geology QUARTZ-MUSCOVITE-SERICITE PHYLITE BEDROCK

Hole No. 10 Coordinates 5600 E, 3525 N Surface Geology MUSC. PHYLITE

Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
0.6-0.9	10% MICAEOUS BROWN	—	—	90% QUARTZ- SERICITE, BROWN	—	18	105	<.2	910	3.85%	DRILL/ SOIL

Summary of Geology QUARTZ-MUSCOVITE-SERICITE PHYLITE BEDROCK

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. 11 Coordinates 5600 E, 3500 N Surface Geology MUSC. PHYLITE

Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
0.6-0.9	25%	10%	—	QUARTZ 60% SERICITE	5%	221	520	1.1	1300	3.2%	DRILL/SOIL

Summary of Geology PROBABLE MUSCOVITE-QUARTZ-SERICITE PHYLITE BEDROCK

Hole No. 13 Coordinates 5600 E, 3450 N Surface Geology LIMESTONE

Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
0.1-0.4	35% RUSTY	45% GREY	—	15% RUSTY	5% QUARTZ	455	400	2.4	1700	2.55%	DRILL/SOIL

Summary of Geology BEDROCK UNKNOWN, PROBABLE LIMESTONE BEDROCK.

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>14</u>		Coordinates <u>5600 E, 3420 N</u>		Surface Geology <u>LIMESTONE</u>							
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
0.2						155	360	0.3	880	2.95%	SOIL
1.0-1.3	45% <i>dirty brown</i>	15%	—	40% <i>lt brown</i>	—	115	328	0.3	1000	3.3%	DRILL/SOIL
1.5-1.8	60% <i>FLOAT? ARGOSIL TO ORTIO</i>	<5% <i>RUSTY</i>	—	35%	—	192	930	1.2	1800	3.0%	DRILL/SOIL
Summary of Geology <u>BEDROCK UNKNOWN; TILL RICH; EXPECT LIMESTONE BEDROCK</u>											

Hole No. <u>15</u>		Coordinates <u>5600 E, 3400 N</u>		Surface Geology <u>LIMESTONE</u>							
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
0.4-0.7	75% <i>TILL(?)</i>	5% <i>BROWN</i>	—	20% <i>LIGHT BROWN</i>	—	98	460	0.3	1400	3.3%	DRILL/SOIL
Summary of Geology <u>BEDROCK UNKNOWN, TILL RICH; EXPECT LIMESTONE BEDROCK</u>											

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>16</u>		Coordinates <u>5600 E, 3375 N</u>				Surface Geology <u>LIMESTONE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
0.25						27	300	<.2	250	3.3%	SOIL
1.0-1.3	FLOAT(?) 75% MICARICH	5%	—	20% SILICEOUS	—	86	630	0.2	2200	3.6%	DRILL/SOIL
2.6-2.9	FLOAT(?) 80% OXIDES	—	—	20%	—	66	410	<.2	1400	3.7%	DRILL/SOIL

Summary of Geology BEDROCK UNKNOWN, TILL-RICH ; EXPECT LIMESTONE BEDROCK

Hole No. <u>17</u>		Coordinates <u>5600 E, 3350 N</u>				Surface Geology <u>LIMESTONE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
0.3	TILL(?) 60% BROWN	5%	—	30%	5% QUARTZ	110	280	0.3	1200	2.8	DRILL/SOIL

Summary of Geology BEDROCK UNKNOWN ; TILL RICH ; EXPECT LIMESTONE BEDROCK

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>18</u>		Coordinates <u>5600 E</u> , <u>3325 N</u>				Surface Geology <u>LIMESTONE ??</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
0.4	NO	DATA	AVAILABLE			39	210	<.2	630	2.65%	DRILL/ SOIL

Summary of Geology BEDROCK UNKNOWN

Hole No. <u>19</u>		Coordinates <u>5600 E</u> , <u>3300 N</u>				Surface Geology <u>LIMESTONE ??</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
0.5	80% WHITE TO BUFF	—	20% CARBON-ACEOLS	—	—	34	95	<.2	620	2.8%	DRILL/ SOIL

Summary of Geology BEDROCK UNKNOWN

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>20</u>		Coordinates <u>5600 E, 3275 N</u>				Surface Geology <u>LIMESTONE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
.7-.8	55% MICACEOUS TO CLEAN	15% GREY BROWN	30% CARBONACEOUS	—	—	Pb	Zn	Ag	Mn	Fe	DRILL/ SOIL
						41	80	0.2	910	2.3%	

Summary of Geology BEDROCK UNKNOWN, POSSIBLE QUARTZITE / PHYLLITE BEDROCK OR LIMESTONE

Hole No. <u>21</u>		Coordinates <u>5600 E, 3225 N</u>				Surface Geology <u>LIMESTONE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
.4-.6	80% MICACEOUS RUSTY	—	—	20%	—	Pb	Zn	Ag	Mn	Fe	DRILL/ SOIL
						153	710	0.5	2800	3.4%	

Summary of Geology BEDROCK UNKNOWN, EXPECT LIMESTONE

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. 22 Coordinates 5600 E, 3200 N Surface Geology LIMESTONE (?)

Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
1.0-1.1	40%	40%	—	20%	—	510	550	0.2	1100	2.1%	DRILL/soil

Summary of Geology BEDROCK UNKNOWN, EXPECT LIMESTONE BEDROCK

Hole No. 23 Coordinates 5600 E, 3175 N Surface Geology CARBONACEOUS PHYLLITE

Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
-.5	—	—	CARBONAC. TO GRAPHITIC 95%	—	5% quartz	206	300	0.2	530	3.1%	DRILL/soil

Summary of Geology CARBONACEOUS PHYLLITE BEDROCK

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>24</u>		Coordinates <u>5600</u> E, <u>3150</u> N		Surface Geology <u>CARBONACEOUS PHYLLITE</u>		ppm except as noted					Sample
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	Pb	Zn	Ag	Mn	Fe	Type
0.2	—	—	100% BLACK CARBONACEOUS PHYLLITE	—	—	1970	1820	4.2	280	2.8%	SOIL
1.1-1.4			↓			349	1860	0.9	470	2.85%	DRILL/ SOIL
1.4			↓			1000	148	0.4	—	—	ROCK

Summary of Geology CARBONACEOUS PHYLLITE BEDROCK

Hole No. <u>25</u>		Coordinates <u>5600</u> E, <u>3125</u> N		Surface Geology <u>CARBONACEOUS PHYLLITE</u>		ppm except as noted					Sample
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	Pb	Zn	Ag	Mn	Fe	Type
0.25			80% CARBONACEOUS DK. GREY			188	690	0.3	610	2.8	SOIL
1.1-1.3	15% WHITE TO BUFF	—	↓	—	—	246	580	0.2	490	2.7	DRILL/ SOIL

Summary of Geology CARBONACEOUS PHYLLITE BEDROCK

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>26</u>		Coordinates <u>5600</u> E, <u>3100</u> N				Surface Geology <u>LIMESTONE (?)</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.25						98	550	0.6	360	2.65%	SOIL
.7-.85	40% ARKOSE RUSTY	25% GREY	—	30%	5% QUARTZ	143	410	0.2	910	2.95%	DRILL/ SOIL

Summary of Geology BEDROCK UNCERTAIN, POSSIBLE PHYLITE/QUARTZITE BEDROCK OR LIMESTONE

Hole No. <u>27</u>		Coordinates <u>5600</u> E, <u>3065</u> N				Surface Geology <u>LIMESTONE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						127	460	0.3	520	2.7%	SOIL
.5-.7	15%	70% CREAM REXLLZP		15%		397	910	0.3	820	1.85%	DRILL/ SOIL

Summary of Geology BEDROCK UNCERTAIN, PROBABLE LIMESTONE BEDROCK

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. 28 Coordinates 5600 E, 3045 N Surface Geology LIMESTONE

Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
0.4						255	1720	0.4	1100	2.7%	DRILL/ SOIL
0.4	30%	65% Grey	—	5%	—	97	630	0.3	—	—	ROCK

Summary of Geology BEDROCK UNCERTAIN, EXPECT LIMESTONE BEDROCK

Hole No. 29 Coordinates 5600 E, 3025 N Surface Geology CALCAREOUS PHYLLITE

Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.25						49	265	<.2	550	4.0%	SOIL
4-.6	—	—	79% CALCAREOUS PHYLLITE	<5%	CALCITE <5%	97	280	<.2	640	1.5%	DRILL/ SOIL

Summary of Geology CALCAREOUS PHYLLITE → LIMESTONE BEDROCK

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>30</u>		Coordinates <u>5600 E, 3000 N</u>				Surface Geology <u>MUSCOVITE PHYLLITE</u>						
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type	
						Pb	Zn	Ag	Mn	Fe		
0.2						19	205	<.2	130	2.5%	SOIL	
.9-1.1	—	—	—	>95% QTZ-SERICITE	—	53	270	<.2	520	3.05%	DRILL/ SOIL	

Summary of Geology QUARTZ-MUSCOVITE-SERICITE PHYLLITE BEDROCK

Hole No. <u>31</u>		Coordinates <u>5600 E, 2975 N</u>				Surface Geology <u>LIMESTONE</u>						
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type	
						Pb	Zn	Ag	Mn	Fe		
0.5	—	>95%	—	—	5% QUARTZ	75	275	<.2	650	2.75%	DRILL/ SOIL	

Summary of Geology LIMESTONE BEDROCK

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>32</u>		Coordinates <u>5600 E, 2950 N</u>				Surface Geology <u>LIMESTONE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.25						72	315	<.2	620	2.3%	SOIL
.85-.95	5%	80% LIGHT GREY	—	10%	5% QUARTZ	212	880	<.2	740	2.3%	DRILLY SOIL

Summary of Geology LIMESTONE BEDROCK

Hole No. <u>33</u>		Coordinates <u>5650 E, 3000 N</u>				Surface Geology <u>MUSC. PHYLLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
5-.65	—	—	—	>95%	—	31	95	<.2	340	2.95%	DRILLY SOIL

Summary of Geology QUARTZ-MUSCOVITE-SERICITE PHYLLITE

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>34</u>		Coordinates <u>5700</u> E, <u>3000</u> N				Surface Geology <u>Musc PHYLLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
6-.75	—	—	—	H. >95% brown	—	33	103	<.2	750	3.75%	DRILL SOIL

Summary of Geology QUARTZ - MUSCOVITE - SERICITE PHYLLITE BEDROCK

Hole No. <u>35</u>		Coordinates <u>5750</u> E, <u>3000</u> N				Surface Geology <u>Musc. PHYLLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
5-.6	—	Phyllite 15% Partings	—	Minor >75% Lst.	MINOR OXIDE <10%	57	152	<.2	710	3.45%	DRILL SOIL

Summary of Geology MUSCOVITE - SERICITE PHYLLITE BEDROCK

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>36</u>		Coordinates <u>5800</u> E, <u>3000</u> N				Surface Geology <u>MUSC. PHYLLITE (?)</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.5-.6	15% BROWN	60% LIGHT GREY BROWN	—	25% LIMY BROWN	—	73	195	<.2	500	2.75%	DRILL/ SOIL

Summary of Geology BEDROCK UNCERTAIN, EXPECT LIMESTONE & PHYLLITE BEDROCK

Hole No. <u>37</u>		Coordinates <u>5800</u> E, <u>3025</u> N				Surface Geology <u>LIMESTONE (?)</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
25						104	315	<.2	630	2.10%	SOIL
1.6-1.8 1.8-2.0	25% PHYLL. PARTINGS. RUSTY	50% GREY BANDED	—	20% BIOTITE QTZ. SERICITE	<5% QTZ	112	285	.3	670	2.25%	DRILL/ SOIL
3-1.4 1.4-1.8	30% RUSTY	50% BROWN	—	15% RUSTY	5% QTZ	146	370	<.2	720	1.85%	DRILL/ SOIL

Summary of Geology BEDROCK UNCERTAIN, EXPECT LIMESTONE & PHYLLITE BEDROCK

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>38</u>		Coordinates <u>5800</u> E, <u>3050</u> N		Surface Geology <u>LIMESTONE (?)</u>							
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						66	211	<.2	1100	3.10%	SOIL
.8-1.0	—	45% LIGHT BROWN GREY	—	45% CARBONACEOUS + CALCAREOUS	5% QUARTZ MIMOR OXIDES	81	202	<.2	1100	3.85%	DRILL SOIL

Summary
of
Geology

BEDROCK UNCERTAIN, PROBABLE LIMESTONE BEDROCK

Hole No. <u>39</u>		Coordinates <u>5800</u> E, <u>3100</u> N		Surface Geology <u>LIMESTONE</u>							
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
2-.4	60% TILL (?)	30% GREY	—	5%	5% DOLOMITE	350	1310	.2	500	2.05%	DRILL SOIL

Summary
of
geology

BEDROCK UNCERTAIN, PROBABLE LIMESTONE BEDROCK

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>40</u>		Coordinates <u>5800 E, 3125 N</u>				Surface Geology <u>LIMESTONE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.6-.75	< 10%	LST 60% CALL. 90% PHYL 30%				407	1350	.4	1100	3.25%	DRILL/ SOIL

Summary of Geology LIMESTONE WITH CARBONACEOUS LIMY PHYLITE INTERBEDS BEDROCK

Hole No. <u>41</u>		Coordinates <u>5800 E, 3150 N</u>				Surface Geology <u>LIMESTONE/PHYLITE(?)</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
5-.7	LT. BROWN 40% IMPURE	LT. GREY 30% BROWN	—	25%	5% QUARTZ	271	785	<.2	930	2.05%	DRILL SOIL

Summary of Geology BEDROCK UNKNOWN, CONTACT AREA - LIMESTONE/PHYLITE

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>42</u>		Coordinates <u>5800</u> E, <u>3175</u> N				Surface Geology <u>CARBONACEOUS PHYLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.3	20% <u>GREY BROWN</u>	—	75% <u>CARBONACEOUS MED GREY</u>	—	—	209	440	<.2	450	2.90%	<u>DRILL/ SOIL</u>
Summary of Geology <u>CARBONACEOUS PHYLITE BEDROCK</u>											

Hole No. <u>43</u>		Coordinates <u>5800</u> E, <u>3200</u> N				Surface Geology <u>CARBONACEOUS PHYLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.75	10%	30% <u>LT BROWN GREY</u>	60% <u>CARBONACEOUS, WEAKLY</u>	—	—	540	945	0.6	1300	2.90%	<u>DRILL/ SOIL</u>
Summary of Geology <u>PROBABLE CARBONACEOUS PHYLITE BEDROCK</u>											

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>44</u>		Coordinates <u>5800 E, 3225 N</u>				Surface Geology <u>CARBONACEOUS PHYLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
.25						61	327	<.2	230	2.60%	SOIL
.85-1.05	—	—	CARBON- >95% ACEOUS	—	QUARTZ VEINING	75	388	.2	580	3.55%	DRILL/ SOIL
Summary of Geology <u>CARBONACEOUS PHYLITE BEDROCK</u>											

Hole No. <u>45</u>		Coordinates <u>5800 E, 3250 N</u>				Surface Geology <u>CARBONACEOUS PHYLITE (?)</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
1.3-1.5	—	50% light grey	CARBON- 45% ACEOUS	—	CALC- OXIDE 5%	183	680	.2	1200	1.80%	DRILL/ SOIL
1.5-1.6	—	60% light grey	CARBON- 35% ACEOUS	—	<5%	296	1005	.3	970	1.95%	DRILL/ SOIL
.25						119	825	1.0	1800	3.55%	SOIL
Summary of Geology <u>BEDROCK UNCERTAIN, LIMESTONE/CARBONACEOUS PHYLITE BEDROCK.</u>											

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>46</u>		Coordinates <u>5800 E, 3300 N</u>				Surface Geology <u>LIMESTONE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl. Type
						Pb	Zn	Ag	Mn	Fe	
.4-.55	10%	75% H brown	10% CARBON-ACEOUS	—	5% MINOR OXIDES	309	610	.8	1900	1.60%	DRILL SOIL
Summary of Geology		PROBABLE LIMESTONE BEDROCK									

Hole No. <u>47</u>		Coordinates <u>5800 E, 3350 N</u>				Surface Geology <u>LIMESTONE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl. Type
						Pb	Zn	Ag	Mn	Fe	
.4	—	>95% VERY LIGHT GREY	—	<5% APPROX.	—	254	860	.3	1000	1.45%	DRILL SOIL
Summary of Geology		LIMESTONE BEDROCK									

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>48</u>		Coordinates <u>6460 E, C3300 N</u>				Surface Geology <u>LIMESTONE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.25						158	520	.3	370	3.05%	SOIL
.8 - .95	—	90%	—	10%	—	180	430	<.2	1100	2.30%	DRILL/ SOIL
Summary of Geology <u>LIMESTONE BEDROCK</u>											

Hole No. <u>49</u>		Coordinates <u>6450 E, C3300 N</u>				Surface Geology <u>LIMESTONE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.25						121	450	.2	345	3.05%	SOIL
.7 - .85	5%	75%	—	20%	—	119	379	<.2	720	2.00%	DRILL/ SOIL
Summary of Geology <u>LIMESTONE ± PHYLLITE BEDROCK</u>											

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>50</u>		Coordinates <u>6500 E, C3300 N</u>		Surface Geology <u>LIMESTONE (?)</u>							
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl. Type
						Pb	Zn	Ag	Mn	Fe	
.25						132	365	.2	820	2.80%	SOIL
1.5-1.65	—	>95% VARI-COLOR	—	—	<5%	79	167	<.2	505	1.30%	DRILL/SOIL
2.6-2.8	—	>95%	—	—	<5%	141	194	.3	600	1.45%	DRILL/SOIL
3.4-3.6	—	75%	—	25%	—	1190	550	.2	2100	2.20%	DRILL/SOIL
3.6	—	↓	—	↓	—	108	121	.2	—	—	Rock
Summary of Geology <u>BEDROCK UNCERTAIN, PROBABLE LIMESTONE BEDROCK</u>											

Hole No. <u>51</u>		Coordinates <u>6550 E, 3200 N</u>		Surface Geology <u>LIMESTONE</u>							
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl. Type
						Pb	Zn	Ag	Mn	Fe	
.25						106	185	.4	740	1.80%	SOIL
1.1-1.3	—	>95% VARI-COLOR	—	—	MINOR OXIDES	84	149	<.2	495	1.30%	DRILL/SOIL
2.1-2.3	—	>95%	—	—	<5%	148	211	<.2	690	1.45%	DRILL/SOIL
1.5-2.65	—	>90%	—	—	—	100	163	<.2	500	1.45%	DRILL/SOIL
Summary of Geology <u>PROBABLE LIMESTONE BEDROCK</u>											

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>52</u>		Coordinates <u>6600 E, C3300 N</u>		Surface Geology <u>LIMESTONE/PHYLLITE (?)</u>							
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.25						94	167	<.2	680	1.6%	SOIL
1.0-1.2	—	>95% VARI-COLOR	—	—	5%	90	150	<.2	520	1.3%	DRILL SOIL
3.0-3.2	5%	85% VARI-COLOR	—	10% RUSTY	—	209	335	.3	770	1.4%	DRILL SOIL
3.6-3.8	—	30% VARI-COLOR	—	65% LT. BROWN RUSTY	—	152	1690	.4	780	2.1%	DRILL SOIL
3.8						40	660	<.2	—		ROCK

Summary of Geology

BEDROCK UNCERTAIN, EXPECT INTERBEDDED LIMESTONE/PHYLLITE

Hole No. <u>53</u>		Coordinates <u>6650 E, C3300 N</u>		Surface Geology <u>LIMESTONE/PHYLLITE (?)</u>							
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.25						89	156	.2	530	1.4%	SOIL
1.1-1.3		95% VARI-COLOR	5% CARBONACEOUS.			124	195	.3	640	1.4%	DRILL/SOIL
2.3-2.45		>95% VARI-COLOR	5%			142	218	.4	720	1.4%	DRILL/SOIL

Summary of Geology

BEDROCK UNCERTAIN, APPARENT LIMESTONE BEDROCK

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>54</u>		Coordinates <u>6700 E, C3300 N</u>				Surface Geology <u>LIMESTONE / PHYLLITE (?)</u>						
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type	
						Pb	Zn	Ag	Mn	Fe		
.25						116	155	.3	580	1.45%	SOIL	
1.0-1.2	—	90%	CALL. 10% PHYLLITE	—	—	367	358	.3	700	1.5%	DRILL / SOIL	
1.5-1.7	—	45%	—	55% SERICITE RICH		158	460	<.2	600	1.9%	DRILL / SOIL	
Summary of Geology <u>BEDROCK UNCERTAIN, INTERBEDDED PHYLLITE & LIMESTONE BEDROCK (?)</u>												

Hole No. <u>55</u>		Coordinates <u>6750 E, C3300 N</u>				Surface Geology <u>LIMESTONE / PHYLLITE (?)</u>						
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type	
						Pb	Zn	Ag	Mn	Fe		
.25						181	1210	.3	470	1.30%	SOIL	
1.0-1.2	—	85%	—	10%	QUARTZ 5%	272	3690	.6	920	2.15%	DRILL / SOIL	
1.5-1.65		90%		5%	<5%	135	1330	.6	650	1.55%	DRILL / SOIL	
1.2						<.01%	.03%	.04oz/H	—	—	ROCK	
1.65						76	110	<.2	—	—	ROCK	
Summary of Geology <u>BEDROCK UNCERTAIN, LIMESTONE DOMINATES TILL</u>												

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>56</u>		Coordinates <u>6800</u> E, <u>C3300</u> N				Surface Geology (<u>LC</u>) <u>MUSC. PHYLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl. Type
						Pb	Zn	Ag	Mn	Fe	
.25						112	360	.8	945	4.80%	SOIL
.9-1.2	55% TAN TO BUFF	-	-	45% BROWN TO LT. GRAY	-	182	2120	1.1	1500	2.90%	DRILL/ SOIL
1.2						76	800	.3	-	-	ROCK
1.0-1.15	<1%	-	-	85% LT BROWN RUSTY	<5% OXIDES	126	2096	1.8	2300	3.25	DRILL/ SOIL
1.15						34	1548	.9	-	-	ROCK
Summary of Geology <u>PROBABLE MUSCOVITE-SERICITE BEDROCK PHYLITE BEDROCK</u>											

Hole No. <u>57</u>		Coordinates <u>6850</u> E, <u>C3300</u> N				Surface Geology (<u>LC</u>) <u>MUSC. PHYLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl. Type
						Pb	Zn	Ag	Mn	Fe	
.25						218	5500	3.2	760	3.45	SOIL
.5-.7	-	-	-	79% WKLY CARBONACEOUS	OXIDES QUARTZ VN. 2 10%	334	6660	2.4	1200	3.45	DRILL SOIL.
.7						<.01%	0.49%	.03%	-	-	ROCK
Summary of Geology <u>MUSCOVITE SERICITE PHYLITE BEDROCK.</u>											

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>58</u>		Coordinates <u>6825 E, C3300 N</u>		Surface Geology (<u>LC</u>) <u>MUSC. PHYLITE</u>							
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
.25						84	8560	1.6	380	3.30%	SOIL
.8-1.0	—	—	—	>95% ±OXIDES LT. BROWN	5% QTZ VEINS SMOKEY	269	5400	2.6	2000	5.0%	DRILL/ SOIL
1.0						<.01%	5.6%	.07 oz/ton	—	—	ROCK
Summary of Geology <u>MUSCOVITE PHYLITE BEDROCK, LOWER CLASTIC UNIT.</u>											

Hole No. <u>59</u>		Coordinates <u>6868 E, C2300 N</u>		Surface Geology (<u>LC</u>) <u>MUSC PHYLITE</u>							
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
.25						69	2440	1.3	180	3.0%	SOIL
.8-1.0			CARBONACEOUS RUSTY 795%		<5%	470	3398	2.6	600	3.2%	DRILL/ SOIL
1.0						.07%	.09%	.04 oz/ton	—	—	ROCK
Summary of Geology <u>CARBONACEOUS, MUSC PHYLITE BEDROCK, QUARTZ/SERICITE BEARING</u>											

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>60</u>		Coordinates <u>6875 E, C300 N</u>		Surface Geology (<u>LC</u>) <u>QUARTZITE / PHYLLITE (?)</u>							
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
.25						206	4640	2.6	170	3.3%	SOIL
.9-1.1	50% LT. BROWN	—	—	35% QTZ- SER.	QUARTZITE OXIDE 15%	284	6430	2.7	760	3.25%	DRILL SOIL
1.1						.05%	.95%	.04 oz/ton	—	—	ROCK
Summary of Geology <u>BEDROCK UNCERTAIN, EXPECT INTERBEDDED QUARTZITE & PHYLLITE</u>											

Hole No. <u>61</u>		Coordinates <u>6900 E, C3300 N</u>		Surface Geology (<u>LC</u>) <u>QUARTZITE / PHYLLITE (?)</u>							
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
.25						167	4870	2.6	340	3.45%	SOIL
1.0-1.2	25% BROWN	30% LT GREY BROWN	20% CARBON- ACEOUS	20% SERIC MUSC QTZ	5% QTZ	306	5650	2.0	950	2.50%	DRILL/ SOIL
1.2						.02%	.17%	.04 oz/ton	—	—	ROCK
1.3-1.5	40%	20%	40% CARBON- ACEOUS	—	Zn SMITHSON- ITE FRAGMENT	288	4070	1.9	680	2.10%	DRILL/ SOIL
1.5						.02%	.43%	.04 oz/ton	—	—	ROCK
Summary of Geology <u>BEDROCK UNKNOWN, EXPECT INTERBEDDED QUARTZITE / PHYLLITE</u>											

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>62</u>		Coordinates <u>6925</u> E, <u>C3300</u> N				Surface Geology <u>(LC) QUARTZITE / PHYLITE (?)</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
.25						243	3566	2.3	720	3.4%	SOIL
.9-1.1	50%	15%		35%		430	1990	2.5	610	2.2%	DRILL/ SOIL
1.1						167	1080	1.2	-	-	ROCK
Summary of Geology <u>BEDROCK UNKNOWN, EXPECT QUARTZITE INTERBEDDED WITH PHYLITE</u>											

Hole No. <u>63</u>		Coordinates <u>6950</u> E, <u>C3300</u> N				Surface Geology <u>(LC) QUARTZITE / PHYLITE (?)</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
.25						399	4930	6.9	870	4.0%	SOIL
1.1-1.3	35%	45%		20%		233	1670	1.2	780	2.1%	DRILL/ SOIL
1.3						48	348	0.3	-	-	ROCK
1.5-1.7	25%	45%		30%		940	1940	4.1	645	3.5%	DRILL/ SOIL
1.7						840	520	3.0	-	-	ROCK
Summary of Geology <u>BEDROCK UNKNOWN, TILL SAMPLE</u>											

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>64</u>		Coordinates <u>6975 E, C3300 N</u>				Surface Geology <u>(LC) QUARTZITE / PHYLITE ?</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.25						227	1940	3.8	700	3.5%	SOIL
1.1-1.3	PHYLITIC PARTINGS 30%	LIGHT BROWN 45%	CARBON TO GRAPHITE 20%	-	-	307	1670	1.8	780	2.1%	DRILL/SOIL
1.3	↓	↓	↓	↓	↓	59	710	0.6	700	-	ROCK
1.7-1.9	10%	20%	10%	-	QUARTZITE - PHYLITE OXIDES 60%	2100	1710	7.4	640	2.7%	DRILL/SOIL
1.9	↓	↓	↓	↓	↓	.74%	.32%	.58 oz/ton	-	-	ROCK

Summary of Geology

BEDROCK UNKNOWN; POSSIBLE QUARTZITE / PHYLITE BEDROCK

Hole No. <u>65</u>		Coordinates <u>7000 E, C3300 N</u>				Surface Geology <u>(LC) QUARTZITE / PHYLITE (?)</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.25						167	4880	1.8	645	4.3%	SOIL
1.0-1.2	35%	35%	-	25%	LIMEY OXIDES < 5%	133	2110	.9	610	1.55%	DRILL/SOIL
1.2						84	730	1.0	-	-	ROCK
1.7-1.9	RUSTY 50%	10%	MIXED CARBONACEOUS AND MUSC-SER. 35%	5%	OXIDES	565	1550	3.0	850	2.25%	DRILL/SOIL

Summary of Geology

BEDROCK UNCERTAIN, SUGGEST INTERBEDDED QUARTZITE, PHYLITE

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>66</u>		Coordinates <u>7025 E, C3300 N</u>				Surface Geology <u>(LC) QUARTZITE / PHYLLITE (?)</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl. Type
						Pb	Zn	Ag	Mn	Fe	
.25						144	1650	6.0	2100	5.5%	SOIL
1.0-1.2	50% ^{PHYLLITE} PARTINGS	15%	35% ^{CARBON-} _{NEOUS}			780	1790	5.4	1100	2.5%	DRILL/ SOIL
1.2						320	1050	4.7	-	-	ROCK
1.2-1.3	60%	15%	25%			710	1830	4.0	720	2.35%	DRILL/ SOIL
1.3						300	930	1.6	-	-	ROCK
Summary of Geology <u>BEDROCK UNKNOWN, POSSIBLY INTERBEDDED QUARTZITE AND PHYLLITE</u>											

Hole No. <u>67</u>		Coordinates <u>7050 E, C3300 N</u>				Surface Geology <u>(LC) QUARTZITE / PHYLLITE (?)</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl. Type
						Pb	Zn	Ag	Mn	Fe	
.25						805	2750	5.8	680	2.35%	SOIL
1.1-1.3	65% ^{LT. TO} _{MED BROWN}	5%	-	30%	-	640	4650	4.1	900	2.60%	DRILL/ SOIL
1.3						.07%	.15%	.05 oz/ton	-	-	ROCK
1.9-2.15	50% ^{PHYLLITE} _{PARTINGS}	-	50% ^{MIXED} _{AND}	CARBON. _{MUSC-SER}	-	585	3290	3.8	800	2.65%	DRILL/ SOIL
2.15						.03%	.15%	.06 oz/ton	-	-	ROCK
2.0-2.2	35% ^{BROWN} _{± RUSTY}	15% _{LT. GRAY}	-	50% _{QMS.}	-	580	6290	3.5	850	2.60%	DRILL/ SOIL
2.2						.02%	.24%	.04 oz/ton	-	-	ROCK
Summary of Geology <u>BEDROCK UNKNOWN, POSSIBLE PHYLLITE/QUARTZITE BEDROCK</u>											

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>68</u>		Coordinates <u>7000</u> E, <u>3350</u> N				Surface Geology <u>LIMESTONE/QUARTZITE (?)</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.25						265	1480	2.6	760	2.05%	SOIL
.9-1.15	35%	40%	—	25%	TRACE OXIDES	202	1440	1.0	550	2.0%	DRILL/ SOIL
1.3-1.5	40% RUSTY BROWN	25%	CARBON-35% ALCOUS	BROWN	—	267	1500	1.9	655	3.4%	DRILL/ SOIL
Summary of Geology <u>BEDROCK UNKNOWN; PROBABLE QUARTZITE/PHYLLITE</u>											

Hole No. <u>69</u>		Coordinates <u>7000</u> E, <u>3400</u> N				Surface Geology <u>LIMESTONE/PHYLLITE (??)</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.25						148	900	.4	280	3.45%	SOIL
.4-.6	20%	65% LT-GREY BROWN	—	15%	5% QUARTZ OXIDES	200	860	.5	570	2.25%	DRILL/ SOIL
Summary of Geology <u>BEDROCK UNKNOWN, LIMESTONE RICH TILL</u>											

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SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>70</u>		Coordinates <u>7000 E, 3450 N</u>				Surface Geology <u>LIMESTONE /± PHYLITE (?)</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.25						122	590	.4	220	3.10%	SOIL
.3-.4	20%	70%	10% <small>CARBONACEOUS</small>	—	—	175	600	.4	620	2.10%	DRILL / SOIL
Summary of Geology <u>BEDROCK UNKNOWN, LIMESTONE DOMINATES TILL</u>											

Hole No. <u>71</u>		Coordinates <u>6800 E, 3450 N</u>				Surface Geology <u>(LC) QUARTZITE / PHYLITES (?)</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.25						41	111	<.2	130	1.6%	SOIL
.4-.6	20%		80% <small>CARBONACEOUS</small>		TRACE QUARTZ	133	320	.4	620	2.1%	DRILL / SOIL
Summary of Geology <u>PROBABLE CARBONACEOUS PHYLITE BEDROCK</u>											

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SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>72</u>		Coordinates <u>6800 E, 3400 N</u>		Surface Geology <u>MUSC. PHYLLITE</u>							
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl. Type
						Pb	Zn	Ag	Mn	Fe	
.25						157	286	.3	1300	5.2%	SOIL
.4-.6	—	45%	CALCAREOUS 20%	CARBONACEOUS 30%	< 5%	50	105	<.2	395	1.85%	DRILL SOIL
.6-.8	—	20%	—	MUSC-SERICITE LT. BROWN 80%	—	86	500	.2	1000	3.0%	DRILL SOIL
Summary of Geology <u>PROBABLE MUSCOVITE-SERICITE PHYLLITE BEDROCK</u>											

Hole No. <u>73</u>		Coordinates <u>6800 E, 3350 N</u>		Surface Geology <u>MUSC PHYLLITE</u>							
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl. Type
						Pb	Zn	Ag	Mn	Fe	
.25						84	333	.2	870	4.2%	SOIL
.4-.55	—	15%	—	MUSC-SERICITE 85%	—	104	355	2.1	960	3.75%	DRILL/SOIL
Summary of Geology <u>PROBABLE MUSCOVITE-SERICITE BEDROCK</u>											

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SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>74</u>		Coordinates <u>6800 E, 3250 N</u>		Surface Geology <u>(UC) LIMESTONE / PHYLLITE</u>							
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
.25						143	1250	1.0	500	5.2%	SOIL
.35	—	80% <small>VERY LIGHT GRAY</small>	20% <small>IRUSTY CARBONACEOUS</small>	—	—	131	265	.9	1200	3.7%	DRILL SOIL
Summary of Geology <u>BEDROCK UNCERTAIN, PROBABLE LIMESTONE BEDROCK</u>											

Hole No. <u>75</u>		Coordinates <u>6800 E, 3200 N</u>		Surface Geology <u>UC CARBONACEOUS PHYLLITE / LIMEST</u>							
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
.25						160	425	.8	680	4.5%	SOIL
.9-1.1	—	15%	75% <small>CARBONACEOUS IRUSTY</small>	—	QUARTZ 10%	196	610	.4	565	2.15%	DRILL SOIL
Summary of Geology <u>PROBABLE CARBONACEOUS PHYLLITE BEDROCK</u>											

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>76</u>		Coordinates <u>6800</u> E, <u>3150</u> N		Surface Geology <u>CARBON. PHYLL/LIMESTONE</u>								
Depth (m)	Qtzt. % Notes	Lst. % Notes	C. Phyl. % Notes	M. Phyl. % Notes	Other Notes	ppm except as noted					Sampl. Type	
						Pb	Zn	Ag	Mn	Fe		
.25						162	550	.4	1000	4.2%	SOIL	
1.2-1.4	5%	80% VARI-COLOR	10% CARBON-ACEOUS		QUARTZ 5%	386	1120	<.2	595	2.1%	DRILL/SOIL	
2.1-2.3		85% VARI-COLOR	10% CARBON-ACEOUS		QUARTZ 5%	228	560	.3	530	1.9%	DRILL/SOIL	
2.3-2.5		70%	CARBONAC TO GRAPHITIC 75%	10%	<5%	425	2700	.7	565	1.95%	DRILL/SOIL	
2.5						210	1680	.4	-	-	ROCK	

Summary of Geology PROBABLE WEAKLY GRAPHITIC PHYLLITE BEDROCK

Hole No. <u>77</u>		Coordinates <u>6800</u> E, <u>3100</u> N		Surface Geology <u>CARBON. PHYLL/LIMESTONE</u>								
Depth (m)	Qtzt. % Notes	Lst. % Notes	C. Phyl. % Notes	M. Phyl. % Notes	Other Notes	ppm except as noted					Sampl. Type	
						Pb	Zn	Ag	Mn	Fe		
.25						303	660	.4	1500	3.75%	SOIL	
.5-.8		90%		10%		274	650	.2	540	2.0%	DRILL/SOIL	
.4-1.65		35% PEBBLY	45% MIXED AND 15% CALLAEOUS, CARBON.	CARBONACEOUS MUSC-SER.	QUARTZ 5%	371	3000	.4	440	2.75%	DRILL/SOIL	
1.65						102	3500	.4	-	-	ROCK	

Summary of Geology BEDROCK UNCERTAIN ; INTERBEDDED LIMESTONE/PHYLLITE BEDROCK.

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SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>78</u>		Coordinates <u>6800 E, 3050 N</u>		Surface Geology <u>CARBONAC. PHYL / LIMESTONE</u>								
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl. Type	
						Pb	Zn	Ag	Mn	Fe		
.25						175	333	.5	420	3.75%	SOIL	
1.4-1.6	—	10%	85% CARBONACEOUS	—	5%	158	155	4.2	260	2.3%	DRILL/SOIL	
1.6-1.8	—	—	95% CARBONACEOUS OXIDES	—	QUARTZ 5%	377	325	.8	780	3.7%	DRILL/SOIL	
Summary of Geology <u>CARBONACEOUS PHYLLITE BEDROCK</u>												

Hole No. <u>79</u>		Coordinates <u>6850 E, 3075 N</u>		Surface Geology <u>CARBONACEOUS PHYL / LIMESTONE</u>								
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl. Type	
						Pb	Zn	Ag	Mn	Fe		
.25						350	335	1.0	745	3.6%	SOIL	
.6-.85	—	50%	40% CARBONACEOUS	—	QTZ + QUARTZITE 10%	415	340	.3	685	2.8%	DRILL/SOIL	
1.2-1.5		60%	W/LY 35% CARBONACEOUS			271	340	.3	570	2.5%	DRILL/SOIL	
Summary of Geology <u>BEDROCK UNCERTAIN; PROBABLE LIMESTONE/CARBONACEOUS PHYLLITE BEDROCK</u>												

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>80</u>		Coordinates <u>6900</u> E, <u>C3075</u> N				Surface Geology <u>CARBONACEOUS PHYLLITE / LIMESTONE</u>						
Depth (m)	Qtzt. % Notes	Lst. % Notes	C. Phyl. % Notes	M. Phyl. % Notes	Other Notes	ppm except as noted					Sample Type	
						Pb	Zn	Ag	Mn	Fe		
.25						305	470	.6	670	3.1%	SOIL	
.6-1.0		40%	CARBONACEOUS			290	470	.3	520	2.5%	DRILL SOIL	

Summary of Geology BEDROCK UNCERTAIN, EXPECT CARBONACEOUS PHYLLITE + LIMESTONE

Hole No. <u>81</u>		Coordinates <u>6950</u> E, <u>C3075</u> N				Surface Geology <u>CARBONACEOUS PHYLLITE / LIMESTONE</u>						
Depth (m)	Qtzt. % Notes	Lst. % Notes	C. Phyl. % Notes	M. Phyl. % Notes	Other Notes	ppm except as noted					Sample Type	
						Pb	Zn	Ag	Mn	Fe		
.25						189	205	.8	570	4.5%	SOIL	
1.2-1.5		30%	CARBONACEOUS		5% QUARTZ	164	500	.2	480	2.7%	DRILL SOIL	

Summary of Geology BEDROCK UNCERTAIN, EXPECT CARBONACEOUS PHYLLITE AND LIMESTONE

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>82</u>		Coordinates <u>7000 E, 3025 N</u>				Surface Geology <u>CARBONAC. PHYL/LIMESTONE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.4	—	20%	CARBON- 80% ACEOUS	—	—	189	335	.6	650	3.3%	DRILL SOIL
Summary of Geology <u>PROBABLE CARBONACEOUS PHYLITE BEDROCK</u>											

Hole No. <u>83</u>		Coordinates <u>7000 E, 3050 N</u>				Surface Geology <u>CARBONAC. PHYL/LIMESTONE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
* .25						148	500	.4	720	4.6%	SOIL
.30						106	450	.5	450	3.55%	SOIL
* .4-.6		35%	CARBON- 65% ACEOUS			201	870	.8	660	2.8%	DRILL SOIL
* 3-.45		30%	CARBON- 70% ACEOUS			307	1230	1.2	1000	3.35	DRILL SOIL
	NOTE * 2ND HOLE										
Summary of Geology <u>BEDROCK UNCERTAIN, EXPECT CARBONACEOUS PHYLITE ± LIMESTONE BEDROCK</u>											

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>84</u>		Coordinates <u>7000</u> E, <u>3100</u> N				Surface Geology <u>CARB. PHYL/LIMESTONE (?)</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
.25						119	550	.7	610	3.9%	SOIL
.4-.6		55%	30% ^{CARBON} ALBIS	15% ^{SERIC}		715	5500	2.0	1500	3.85%	DRILL SOIL
.6						.01%	.06%	.04 oz/ton	-	-	ROCK
Summary of Geology <u>BEDROCK UNCERTAIN; EXPECT LIMESTONE WITH PHYLITE INTERBEDS</u>											

Hole No. <u>85</u>		Coordinates <u>7000</u> E, <u>3150</u> N				Surface Geology <u>LIMESTONE/Musc. PHYL (?)</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
.25						288	1300	1.0	2100	5.2%	SOIL
.8-1.0		> 90%			PHYLITE QUARTZ <10%	285	1000	.4	575	2.15%	DRILL SOIL
Summary of Geology <u>BEDROCK UNCERTAIN, EXPECT LIMESTONE BEDROCK</u>											

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SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>86</u>		Coordinates <u>7000</u> E, <u>3200</u> N				Surface Geology <u>LIMESTONE / MUSC PHYLLITE ?</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.25						408	1730	2.4	2000	4.0%	SOIL
.5-.75	—	79% ^{VARI-} COLOR	—	3%	7% QUARTZ	376	1590	1.0	610	2.0%	DRILL SOIL

Summary of Geology BEDROCK UNCERTAIN, PROBABLE LIMESTONE BEDROCK

Hole No. <u>87</u>		Coordinates <u>7000</u> E, <u>3250</u> N				Surface Geology <u>LIMESTONE / MUSC PHYLLITE ?</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.25						370	1480	3.1	2600	5.0%	SOIL
.2-.4	3%	85%		5%	7% QTZ	206	800	1.2	780	2.15%	DRILL SOIL

Summary of Geology BEDROCK UNCERTAIN, EXPECT LIMESTONE

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SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>88</u>		Coordinates <u>7025</u> E, <u>3075</u> N				Surface Geology <u>CARB. PHYLLITE / LIMESTONE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C. Phyl. % Notes	M. Phyl. % Notes	Other Notes	ppm except as noted					Sampl. Type
						Pb	Zn	Ag	Mn	Fe	
.25						154	315	.6	165	4.0%	SOIL
.5-.7	-	60%	35% MIXED CARBONACEOUS AND MUSC-SERIC.		5% QUARTZ	279	460	.7	795	2.7%	DRILL / SOIL
.6-.8	15%	5%	70% CARBONACEOUS	-	10% QUARTZ	201	500	.6	570	2.3%	DRILL / SOIL
Summary of Geology <u>BEDROCK UNCERTAIN; CARBONACEOUS PHYLLITE / LIMESTONE BEDROCK ??</u>											

Hole No. <u>89</u>		Coordinates <u>7050</u> E, <u>3075</u> N				Surface Geology <u>CARBONAL. PHYLLITE / LIMESTONE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C. Phyl. % Notes	M. Phyl. % Notes	Other Notes	ppm except as noted					Sampl. Type
						Pb	Zn	Ag	Mn	Fe	
.25						159	350	.6	680	3.25%	SOIL
.5-.7						NO	SAMPLE				
.6-.8	5%	45%	CARBON 45% ACEOUS		5% QTZ.	193	445	.6	560	3.0%	DRILL / SOIL
Summary of Geology <u>BEDROCK UNKNOWN; SUGGEST INTERBEDDED PHYLLITE / LIMESTONE</u>											

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SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>90</u>		Coordinates <u>7075</u> E, <u>C3075</u> N				Surface Geology <u>CARBONAC. PHYL/LIMESTONE?</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl. Type
						Pb	Zn	Ag	Mn	Fe	
.25						405	1030	1.8	1000	3.9%	SOIL
.4-.6	—	40%	45% ^{CARBON-} ACEOUS	10%	<5% ^{QTZ} MST.	425	800	1.5	1100	2.8%	DRILL/ SOIL
Summary of Geology		<u>BEDROCK UNKNOWN, EXPECT CARBONACEOUS PHYLITE / LIMESTONE</u>									

Hole No. <u>91</u>		Coordinates <u>7100</u> E, <u>C3075</u> N				Surface Geology <u>CARBONAC. PHYL/LIMESTONE (?)</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl. Type
						Pb	Zn	Ag	Mn	Fe	
.25						390	1000	1.5	865	2.7%	SOIL
.8-1.0	<5%	55%	35% ^{CARBON-} ACEOUS	—	<5% QUARTZ	355	1090	.6	620	2.5%	DRILL/ SOIL
Summary of Geology		<u>BEDROCK UNKNOWN, TILL RICH SAMPLE</u>									

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SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>92</u>		Coordinates <u>7150 E, C3075 N</u>				Surface Geology <u>LIMESTONE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
.25						470	1290	1.2	610	2.5%	SOIL
1.9-2.15	—	65%	15% ^{CALL-} AREOUS	15% ^{CARBON-} ACEOUS	< 5%	272	850	.6	640	2.6%	DRILL/ SOIL
Summary of Geology <u>BEDROCK UNKNOWN, LIMESTONE DOMINATES TILL.</u>											

Hole No. <u>93</u>		Coordinates <u>7200 E, C3075 N</u>				Surface Geology <u>LIMESTONE/CARBONAC. PHYLLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
.25						321	710	.8	700	4.0%	SOIL
.5-.7	—	< 20%	80% ^{WKLY} CARBON- ^{ACEOUS} ^{RUSTY}	—	—	149	360	.5	775	3.8%	DRILL/ SOIL
.6-.8	—	40%	40% ^{WKLY,} CARBON- ^{ACEOUS}	20% ^{CALCAREOUS}	—	232	450	.6	675	4.5%	DRILL/ SOIL
Summary of Geology <u>BEDROCK UNCERTAIN, VARIABLY CALCAREOUS RUSTY PHYLLITE WITH LIMESTONE INTERBEDS.</u>											

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SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>94</u>		Coordinates <u>7200 E, 3100 N</u>				Surface Geology <u>CARBONAC/PHYLLITE/LIMESTONE</u>						
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type	
						Pb	Zn	Ag	Mn	Fe		
.25						27	103	.3	360	4.7%	SOIL	
.4-.65		<5%	>95% ± MUSC-	CARBONACEOUS CALCAREOUS, RUSTY SERIC PHYLLITE		63	175	.2	300	2.85%	DRILL/ SOIL	
Summary of Geology <u>PROBABLE WEAKLY CARBONACEOUS PHYLLITE BEDROCK</u>												

Hole No. <u>95</u>		Coordinates <u>7200 E, 3150 N</u>				Surface Geology <u>LIMESTONE/PHYLLITE</u>						
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type	
						Pb	Zn	Ag	Mn	Fe		
.25						247	710	.8	530	4.0%	SOIL	
.5-.7		75%	25% ±	±CALCAREOUS ±CARBONACEOUS		274	550	1.0	430	2.9%	DRILL/ SOIL	
Summary of Geology <u>BEDROCK UNCERTAIN, EXPECT LIMESTONE WITH PHYLLITE INTERBEDS</u>												

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SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>96</u>		Coordinates <u>7200</u> E, <u>3200</u> N				Surface Geology <u>LIMESTONE/MUSC PHYLLITE (?)</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
.25						361	730	.9	550	4.0%	SOIL
.4-.6	—	25%	15% ^{CALCAR- EOLUS}	60%	—	68	80	.4	470	4.5%	DRILL SOIL
Summary of Geology <u>PROBABLE MUSC-SERICITE PHYLLITE WITH LIMESTONE INTERBEDS</u>											

Hole No. <u>97</u>		Coordinates <u>7200</u> E, <u>3250</u> N				Surface Geology <u>LIMESTONE/MUSC.PHYLLITE (?)</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
.25						98	670	.6	180	2.95%	SOIL
.4-.6	10%	75%	—	10%	QUARTZ 5%	293	1860	1.2	540	2.55%	DRILL SOIL
.6						109	590	.5	—	—	ROCK
Summary of Geology <u>BEDROCK UNCERTAIN, LIMESTONE DOMINATES TILL</u>											

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SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>98</u>		Coordinates <u>7100 E, C3300 N</u>		Surface Geology <u>LIMESTONE/MASC. PHYLLITE ??</u>							
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
.25						310	2950	3.3	1600	4.5%	SOIL
2.0-2.2	5%	55%	CARBINACEOUS 40%	—	—	775	2400	2.7	740	2.25%	DRILL/ SOIL
2.2						.04%	.09%	.05 oz/ton	—	—	ROCK
3.0-3.2	10%	65%	—	10%	QTZ 5%. DOLOMITE 10%	675	2600	2.6	725	2.05%	DRILL/ SOIL
3.2						.02%	.16%	.06 oz/ton	—	—	ROCK
Summary of Geology <u>BEDROCK UNKNOWN, LIMESTONE DOMINATES TILL</u>											

Hole No. <u>99</u>		Coordinates <u>7150 E, C3300 N</u>		Surface Geology <u>LIMESTONE (?)</u>							
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
.25						286	850	1.0	480	2.55%	SOIL
1.0-1.2	5%	60%	—	30%	QUARTZ 5%	267	800	1.1	600	2.4%	DRILL/ SOIL
1.8-2.1	—	70%	—	25%	QUARTZ 5%	221	665	.6	500	2.3%	DRILL/ SOIL
Summary of Geology <u>BEDROCK UNKNOWN, LIMESTONE DOMINATES TILL</u>											

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SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>100</u>		Coordinates <u>7200 E, C3285 N</u>				Surface Geology <u>LIMESTONE ± PHYLITE</u>						
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type	
						Pb	Zn	Ag	Mn	Fe		
.25						NO	SAMPLE					
.80	-	80%	-	15%	QUARTZ 5%	187	500	.4	450	2.4%	DRILL/ SOIL	
1.1-1.3	-	70%	-	25%	QUARTZ 5%	238	620	.8	490	2.35%	DRILL/ SOIL	
Summary of Geology <u>BEDROCK UNCERTAIN, POSSIBLE LIMESTONE ± PHYLITE BEDROCK</u>												

Hole No. <u>101</u>		Coordinates <u>7195 E, 3350 N</u>				Surface Geology <u>LIMESTONE ± PHYLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.25						141 98	880	1.6	880	5.0%	SOIL
.3-.5	40%	5%	CARBONACEOUS 5%	SILICEOUS 50%		126	640	2.2	1200	4.5%	DRILL/ SOIL
1.1-1.3		VARI-COLORED 80%		15%	QUARTZ 5%	132	320	.2	490	2.2%	DRILL/ SOIL
Summary of Geology <u>BEDROCK UNCERTAIN, POSSIBLE LIMESTONE BEDROCK, STRONG LINEAR FEATURE</u>											

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SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>102</u>		Coordinates <u>7200</u> E, <u>3400</u> N				Surface Geology <u>LIMESTONE / MUSC. PHYL</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.25						139	670	1.2	340	4.0%	SOIL
.6-.8	—	CARBONACEOUS + OXIDES 70%	—	20%	OXIDES & QUARTZ 10%	197	980	3.7	540	2.45%	DRILL/ SOIL

Summary of Geology BEDROCK UNCERTAIN , EXPECT LIMESTONE WITH PHYLITE INTERBEDS , FAULT ZONE

Hole No. <u>103</u>		Coordinates <u>7200</u> E, <u>3450</u> N				Surface Geology <u>LIMESTONE / MUSC. PHYL</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.25						88	895	.4	390	2.85%	SOIL
.35	—	VERY LT. GREY 60%	—	40%	—	119	780	.8	760	2.15%	DRILL/ SOIL

Summary of geology BEDROCK UNCERTAIN , EXPECT LIMESTONE WITH MUSC-SERICITE PHYLITE INTERBEDS

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SUMMARY LOGS AND SAMPLING RESULTS

Hole No. 104 Coordinates 7250 E, C3280 N Surface Geology LIMESTONE/MUSC PHYLL.

Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.25						247	1100	1.2	540	2.65%	SOIL
.4-.6	—	VARI-COLORED 70%	—	GREY-BROWN 25%	QUARTZ 5%	247	1000	1.2	550	2.9%	DRILL/ SOIL

Summary of Geology BEDROCK UNKNOWN, POSSIBLE LIMESTONE/PHYLLITE BEDROCK

Hole No. 105 Coordinates 7300 E, C3275 N Surface Geology LIMESTONE/CARBONACEOUS PHYLLITE

Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.25						159	580	1.2	265	3.8%	SOIL
1.0-1.2	—	CARBONACEOUS 55%	CARBONACEOUS ± LIMY 40%	—	OXIDES < 1% QUARTZ 5%	104	255	.4	420	3.9%	DRILL/ SOIL

Summary of Geology BEDROCK UNCERTAIN; EXPECT LIMESTONE/± CALcareous, CARBONACEOUS PHYLLITE BEDROCK

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SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>106</u>		Coordinates <u>7350 E, 3275 N</u>		Surface Geology <u>CARBONACEOUS PHYLLITE / LIMESTONE</u>							
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.25						210	900	1.0	435	3.8%	SOIL
.9-1.1	-	MINOR OXIDES 65%	CARBONACEOUS RUSTY 30%	-	QUARTZ 5%	410	800	1.4	600	2.95%	DRILL/ SOIL
1.5-1.75	-	30%	CARBONACEOUS RUSTY 70%	-	-	405	70	1.1	550	2.65%	DRILL/ SOIL

Summary of Geology BEDROCK UNCERTAIN; EXPECT CARBONACEOUS / PHYLLITE AND LIMESTONE BEDROCK

Hole No. <u>107</u>		Coordinates <u>7400 E, 3260 N</u>		Surface Geology <u>LIMESTONE / CARBONACEOUS PHYLLITE</u>							
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.25						151	1230	.8	355	3.4%	SOIL
1.1-1.3		DK. GRAY 75%	CARBONACEOUS 25%			328	720	.9	650	3.2%	DRILL/ SOIL
.5-1.7		MINOR OXIDES 65%	CARBONACEOUS RUSTY 30%		QUARTZ 5%	257	600	1.0	540	3.15%	DRILL/ SOIL

Summary of Geology BEDROCK UNCERTAIN, EXPECT LIMESTONE & CARBONACEOUS PHYLLITE

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SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>108</u>		Coordinates <u>7450</u> E, <u>C 3266</u> N		Surface Geology <u>PHYLLITE / LIMESTONE ?</u>							
Depth (m)	Qtzt. % Notes	Lst. % Notes	C. Phyl. % Notes	M. Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.25						302	610	1.1	310	9.0%	SOIL
.9-1.1	—	DARK GREY 75%	CARBONACEOUS 25%	—	—	316	600	1.2	710	3.75%	SOIL / DRILL
1.3-1.5	—	35%	CARBONACEOUS 15%	LIMEY MUSC-SER. 50%	—	347	900	1.9	900	6.0%	DRILL / SOIL
Summary of Geology <u>BEDROCK UNCERTAIN, EXPECT LIMEY-MUSC-SERICITE PHYLLITE AND LIMESTONE</u>											

Hole No. <u>109</u>		Coordinates <u>7500</u> E, <u>C 3266</u> N		Surface Geology <u>PHYLLITE / LIMESTONE</u>							
Depth (m)	Qtzt. % Notes	Lst. % Notes	C. Phyl. % Notes	M. Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.25						164	675	2.2	420	4.0%	SOIL
.9-1.1	—	75%	CARBONACEOUS 20%	—	QUARTZ 5%	262	700	1.2	730	3.45%	DRILL / SOIL
1.0-1.2	—	30%	CARBONACEOUS 60%	—	10%	289	660	1.3	560	3.15%	DRILL / SOIL
Summary of Geology <u>BEDROCK UNCERTAIN, EXPECT CARBONACEOUS MUSC.-SERICITE PHYLLITE + LIMESTONE</u>											

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SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>110</u>		Coordinates <u>7400</u> E, <u>3300</u> N				Surface Geology <u>CARBONACEOUS PHYLLITE / LIMESTONE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyll. % Notes	M.Phyll. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
.25						139	580	.8	180	3.45%	SOIL
.6-.8	-	30%	CARBONACEOUS & RUSTY 70%	-	-	228	730	.6	565	2.7%	DRILL/ SOIL

Summary of Geology BEDROCK UNCERTAIN; EXPECT CARBONACEOUS PHYLLITE BEDROCK.

Hole No. <u>111</u>		Coordinates <u>7400</u> E, <u>3350</u> N				Surface Geology <u>LIMESTONE / CARBONACEOUS PHYLLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyll. % Notes	M.Phyll. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
.25						204	640	1.1	470	2.5%	SOIL
1.0-1.2	-	LT. TO MED. GREY 80%	CARBONACEOUS 15%	-	QUARTZITE/ QUARTZ 5%	188	760	.8	605	2.3%	DRILL/ SOIL

Summary of Geology BEDROCK UNKNOWN; EXPECT LIMESTONE / CARBONACEOUS PHYLLITE BEDROCK

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SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>112</u>		Coordinates <u>7400</u> E, <u>3400</u> N		Surface Geology <u>LIMESTONE / PHYLLITE</u>							
Depth (m)	Qtzt. % Notes	Lst. % Notes	C. Phyl. % Notes	M. Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.25						322	1050	2.4	570	2.85%	SOIL
.4 - .6		79%			<10%	405	1130	1.7	520	2.6%	DRILL / SOIL
.8 - 1.0		80%	CALCAREOUS 15%	CARBONACEOUS 5%		160	690	.6	535	2.4%	DRILL / SOIL

Summary of Geology BEDROCK UNCERTAIN, EXPECT LIMESTONE + MINOR LIMY PHYLITE

Hole No. <u>113</u>		Coordinates <u>7400</u> E, <u>3450</u> N		Surface Geology <u>LIMESTONE / PHYLLITE</u>							
Depth (m)	Qtzt. % Notes	Lst. % Notes	C. Phyl. % Notes	M. Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.25											
.8 - 1.0	-	VARI-COLORED 85%	CARBONACEOUS 10%	--	QUARTZ 5%	305	1080	1.0	530	2.3%	DRILL SOIL
.0 - 1.2	-	MED GREY 60%	CALCAREOUS CARBONACEOUS 40%	-	-	268	1000	1.0	500	2.35%	"
1.4 - 1.6	-	CARBONACEOUS MED. TO DK GREY 60%	CARBONACEOUS TO GRAPHITIC, OXIDES 40%	-	-	530	1380	2.0	500	2.65%	"
2.1 - 2.3	-	CARBONACEOUS 70%	CARBONACEOUS TO GRAPHITIC 30%	-	-	387	1550	2.0	540	2.55%	"
2.2 - 2.45	-	GRAPHITIC 85%	CARBONACEOUS TO GRAPHITIC <15%	-	-	445	1370	2.5	560	2.5%	"

Summary of Geology PROBABLE CARBONACEOUS LIMESTONE WITH PHYLLITE INTERBEDS

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>114</u>		Coordinates <u>7400 E, 3260 N</u>				Surface Geology <u>CARBONACEOUS PHYLLITE/LIMESTONE</u>						
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type	
						Pb	Zn	Ag	Mn	Fe		
2.0		PHYLLITIC 40%	CARBONACEOUS 60%			244	520	.8	475	3.10	DRILL/ SOIL	
2.6						NO	SAMPLE					
2.9		30%	± CALCAREOUS CARBONACEOUS 70%			356	690	1.3	500	3.10	DRILL/ SOIL	

Summary of Geology BEDROCK UNCERTAIN, PROBABLE CARBONACEOUS PHYLLITE & LIMESTONE BEDROCK

Hole No. <u>115</u>		Coordinates <u>7400 E, 3200 N</u>				Surface Geology <u>MUSC.SERICITE PHYLLITE</u>						
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type	
						Pb	Zn	Ag	Mn	Fe		
.2						179	760	1.6	730	3.65	SOIL	
0-1.2	—	30%	—	DIRTY CARBONACEOUS 70%	—	294	760	1.5	600	4.50	DRILL/ SOIL	
2.0	~	30%	—	CARBONACEOUS 65%	QUARTZ 5%	330	800	1.4	635	3.50	DRILL/ SOIL	

Summary of Geology BEDROCK UNCERTAIN, PROBABLE MUSC.-SERICITE PHYLLITE BEDROCK

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>116</u>		Coordinates <u>7400</u> E, <u>3150</u> N				Surface Geology <u>MUSC. PHYLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
.2						395	820	2.4	380	3.55%	SOIL
1.0-1.2		25%		^{± CARBONACEOUS} 70% ^{± RUSTY}	5%	505	950	2.7	540	3.6%	DRILL/ SOIL
2.2-2.3		25%		^{± LIMY} ^{± CARBONACEOUS} >95%		152	420	1.0	780	8.0%	DRILL/ SOIL
Summary of Geology <u>PHYLITE BEDROCK</u> <u>MUSCOVITE-SERICITE BEDROCK</u>											

Hole No. <u>117</u>		Coordinates <u>7400</u> E, <u>3100</u> N				Surface Geology <u>PHYLITE / LIMESTONE ??</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
.2						485	1120	4.0	405	4.5%	SOIL
2.0	-	15%	CALCAREOUS 25%	MUSC-SER. 45%	CARBON- ACEOUS PHYLITE 15%	305	460	1.4	740	7.0%	DRILL/ SOIL
Summary of Geology <u>BEDROCK UNCERTAIN ; EXPECT A VARIABLY LIMY PHYLITE SEQUENCE</u>											

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>118</u>		Coordinates <u>7400</u> E, <u>3050</u> N				Surface Geology <u>LIMESTONE / PHYLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						234	750	1.6	340	5.0%	SOIL
1.0-1.2	—	35%	—	60% CARBONACEOUS	QUARTZ 5%	186	410	.7	420	3.9%	DRILL/ SOIL
2.3	—	10%	85% CALCAREOUS, MUSC- SERICITE	PHYLITE	QUARTZ 5%	264	630	1.5	380	6.0%	DRILL/ SOIL

Summary of Geology PROBABLE CALCAREOUS MUSCOVITE-SERICITE PHYLITE BEDROCK

Hole No. <u>119</u>		Coordinates <u>7400</u> E, <u>3000</u> N				Surface Geology <u>LIMESTONE / PHYLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.3						319	680	2.6	730	5.0%	SOIL
.9-1.1		60%		40% CALCAREOUS CARBONACEOUS		430	875	4.3	610	5.0%	DRILL/ SOIL
1.5		70%		30%		430	805	7.0	860	6.0%	DRILL/ SOIL
1.5						142	300	.6	—	—	ROCK

Summary of Geology BEDROCK UNCERTAIN; INTERBEDDED LIMESTONE/PHYLITE A POSSIBILITY.

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>120</u>		Coordinates <u>7400 E, 2900 N</u>		Surface Geology <u>LIMESTONE / PHYLLITE (?)</u>							
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						180	390	2.5	385	5.5%	SOIL
1.3	—	25%	—	± CALCAREOUS ± CARBONACEOUS 75%	—	251	510	3.9	525	4.5%	DRILL/ SOIL
2.6-2.7	—	45%	—	± CALCAREOUS 55%	—	490	700	21.0	680	5.0%	DRILL/ SOIL
2.7	—	↓	—	↓	—	.04%	.03%	.09 oz/ton	—		ROCK
3.1	—	45%	—	VARIABLY CALCAREOUS 50%	5%	430	710	6.3	780	6.5%	DRILL/ SOIL
3.1	—	↓	—	↓	↓	83	303	1.0	—		ROCK

Summary of Geology BEDROCK UNKNOWN; POSSIBLY MUSC-SERICITE PHYLLITE WITH LIMESTONE INTERBEDS

Hole No. <u>121</u>		Coordinates <u>7400 E, 2850 N</u>		Surface Geology <u>CALCAREOUS PHYLLITE (?)</u>							
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						210	510	3.2	400	3.85%	SOIL
1.0		10%	CALCAREOUS 85%		QUARTZ 5%	183	400	1.4	460	3.4%	DRILL/ SOIL
1.8	—	5%	CALCAREOUS >90%	—	QUARTZ <5%	152	380	.9	490	3.15%	DRILL/ SOIL

Summary of Geology PROBABLE CALCAREOUS PHYLLITE BEDROCK

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>122</u>		Coordinates <u>7400 E, 2800 N</u>				Surface Geology <u>PHYLLITE/LIMESTONE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						306	620	1.9	610	4.0%	SOIL
1.2	—	LT. BROWN 20%	CALCAREOUS 10%	70%	—	233	420	1.5	630	3.95%	DRILL/ SOIL
2.6-2.7	—	VARY-COLOR 50%	CALCAREOUS LT. BROWN 25%	20%	QUARTZ 5%	760	770	2.9	1066	3.85%	DRILL/ SOIL

Summary of Geology **BEDROCK UNCERTAIN, INTERBEDDED PHYLLITE / LIMESTONE**

Hole No. <u>123</u>		Coordinates <u>7400 E, 2750 N</u>				Surface Geology <u>PHYLLITE/LIMESTONE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.3						171	460	1.6	395	4.5%	SOIL
1.5		50%	CALCAREOUS 20%	30%		83	185	.5	440	3.45%	DRILL/ SOIL
3.0		50%	CALCAREOUS 30%	20%		54	165	.3	420	2.8%	DRILL/ SOIL
3.2		5%	LIMONITIC CALCAREOUS 60%	LIMONITIC 30%	QUARTZ 5%	18	55	<.2	400	2.65%	DRILL/ SOIL

Summary of Geology **PROBABLE CALCAREOUS ± MUSC-SERICITE PHYLLITE BEDROCK.**

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>124</u>		Coordinates 2000 <u>7250</u> E, <u>3000</u> N				Surface Geology <u>CARBONACEOUS/CALCAREOUS PHYLLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						81	195	.2	100	5.0%	SOIL
.9	—	5%	CALCAREOUS 40%	LIMONITE & WRKY. CARBONAC. 55%	—	45	140	<.2	1200	6.5%	DRILL/ SOIL
2.1-2.2	—	5%	CALCAREOUS 55%	CARBONACEOUS 40%	—	65	175	.2	500	5.5%	DRILL/ SOIL

Summary of Geology PROBABLE INTERBEDDED CALCAREOUS & CARBONACEOUS PHYLLITE

Hole No. <u>125</u>		Coordinates <u>7300</u> E, <u>3000</u> N				Surface Geology <u>CARBONACEOUS/CALCAREOUS PHYLLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						410	235	.5	220	5.0%	SOIL
.8	—	—	CALCAREOUS 30%	CARBONACEOUS 70%	—	90	108	.6	2600	6.0%	DRILL/ SOIL

Summary of Geology CARBONACEOUS PHYLLITE WITH CALCAREOUS PHYLLITE INTERBEDS.

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>126</u>		Coordinates <u>7350 E, 3000 N</u>		Surface Geology <u>LIMESTONE / PHYLLITE (UC)</u>							
Depth (m)	Qtzt. % Notes	Lst. % Notes	C. Phyl. % Notes	M. Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						175	400	1.5	460	6.0%	SOIL
1.3		MINOR OXIDES 50%	CALCAREOUS 25%	WKLY. CARBONACEOUS 20%	QUARTZ 5%	367	680	3.2	515	3.75%	DRILL/ SOIL
1.9		ROUNDED TILL(?) 10%	CALCAREOUS 60%	WKLY CARBONACEOUS 25%	QUARTZ 5%	307	720	2.9	515	3.75%	DRILL/ SOIL

Summary of Geology BEDROCK UNCERTAIN, PROBABLE INTERBEDDED CALCAREOUS & MUSC. PHYLLITE

Hole No. <u>127</u>		Coordinates <u>7450 E, 3000 N</u>		Surface Geology <u>LIMESTONE / PHYLLITE (UC)</u>							
Depth (m)	Qtzt. % Notes	Lst. % Notes	C. Phyl. % Notes	M. Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
1.5	-	GREY, ± OXIDES 65%	WEAKLY CALCAREOUS 30%	-	QUARTZ 5%	377	700	4.6	490	4.5%	SOIL
2.0		25%	CALCAREOUS 5%	70%		245	580	1.6	505	5.5%	DRILL/ SOIL
2.3						198	500	1.3	450	5.0%	DRILL/ SOIL
2.8-3.0		10%	CARBONACEOUS 25%	55%	CALCAREOUS PHYLLITE 10%	138	470	1.4	400	5.0%	DRILL/ SOIL

Summary of Geology BEDROCK UNKNOWN; PROBABLE INTERBEDDED PHYLLITE SEQUENCE

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>128</u>		Coordinates <u>7500 E, 3000 N</u>				Surface Geology <u>(UC) LIMESTONE / PHYLITE</u>						
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type	
						Pb	Zn	Ag	Mn	Fe		
.2						230	530	1.9	350	4.0	SOIL	
1.4-1.6		MINOR OXIDES 55%	CALCAREOUS 25%	20%		238	580	3.5	710	3.7	DRILL/ SOIL	
2.4-2.7						NO	RESULTS.					

Summary of Geology BEDROCK UNKNOWN, BEST GUESS- LIMESTONE INTERBEDDED WITH PHYLITE

Hole No. <u>129</u>		Coordinates <u>7550 E, 3000 N</u>				Surface Geology <u>(UC) LIMESTONE / PHYLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.3						214	420	2.6	370	3.9	SOIL
1.3		60%	CALCAREOUS 30%	10%		208	450	2.5	400	3.4	DRILL/ SOIL
2.8		30%	CALCAREOUS 35%	CARBONACEOUS 35%		369	540	13.0	430	3.1	DRILL/ SOIL

Summary of Geology BEDROCK UNCERTAIN; PROBABLY LIMESTONE WITH CALCAREOUS PHYLITE INTERBEDS.

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>130</u>		Coordinates <u>7600 E, 3000 N</u>				Surface Geology <u>(LC) PHYLITE/LIMESTONE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						180	290	1.3	550	5.0%	SOIL
1.4	-	10%	CALCAREOUS 85%	-	LS%	354	580	2.3	615	3.2%	DRILL/ SOIL
1.7		10%	± CALCAREOUS ± CARBONACEOUS 90%			206	500	7.0	500	3.15%	DRILL/ SOIL

Summary of Geology VARIABLY CALCAREOUS + CARBONACEOUS PHYLITE BEDROCK

Hole No. <u>131</u>		Coordinates <u>7650 E, 3000 N</u>				Surface Geology <u>(LC) PHYLITE/LIMESTONE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						313	410	2.1	760	5.5%	SOIL
.9	-	55%	CALCAREOUS 30%	MUSC-SERIC. 10%	QUARTZ 5%	368	450	2.8	580	3.3%	DRILL/ SOIL

Summary of Geology BEDROCK UNCERTAIN ; PROBABLE LIMESTONE WITH PHYLITE INTERBEDS

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. 132 Coordinates 7700 E, 3000 N Surface Geology (UC) LIMESTONE/PHYLLITE

Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.3						75	170	.8	305	2.45%	SQL
1.3	—	SOME OXIDES 75%	—	20%	QUARTZ 5%	195	435	1.9	490	3.5%	DRILL/ SOIL

Summary of Geology BEDROCK UNCERTAIN, PROBABLE LIMESTONE WITH PHYLLITE INTERBEDS

Hole No. 133 Coordinates 7750 E, 3000 N Surface Geology (UC) LIMESTONE/PHYLLITE

Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						181	215	1.2	600	5.0%	SOIL
.8	—	SOME OXIDES 60%	—	30%	QUARTZ 10%	335	420	2.3	450	3.3%	DRILL/ SOIL

Summary of Geology BEDROCK UNKNOWN; GRAVEL RICH TILL.

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>134</u>		Coordinates <u>7800</u> E, <u>3000</u> N				Surface Geology <u>UNDIVIDED UPPER CLASTIC</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						81	125	.8	290	2.3%	SOIL
.9	-	75%	-	25%	-	87	140	.4	310	2.0%	DRILL/ SOIL

Summary of BEDROCK UNKNOWN, GRAVEL RICH TILL SAMPLE
Geology

Hole No. <u>135</u>		Coordinates <u>7800</u> E, <u>3050</u> N				Surface Geology <u>UNDIVIDED UPPER CLASTIC.</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						119	178	.4	470	3.6%	SOIL
.7	-	80%	-	20%	-	89	158	.4	460	2.8%	DRILL/ SOIL

Summary of BEDROCK UNKNOWN, LIMESTONE DOMINATES GRAVEL RICH TILLS
Geology

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>136</u> Coordinates <u>7800 E, 3100 N</u> Surface Geology <u>UC LIMESTONE/PHYLLITE</u>											
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl. Type
						Pb	Zn	Ag	Mn	Fe	
.2						84	148	1.2	350	3.1%	SOIL
1.0	—	FOXIDES 25%	CALCAREOUS 5%	LIMONITIC & CARBONACEOUS 65%	QUARTZ 5%	172	355	1.1	460	2.9%	DRILL/ SOIL
1.2	—	25%	—	FOXIDES 65%	QUARTZ 10%	50	115	.5	220	2.6%	DRILL/ SOIL
Summary of Geology <u>BEDROCK UNKNOWN, MUSCOVITE-SERICITE PHYLLITE DOMINATES TILL</u>											

Hole No. <u>137</u> Coordinates <u>7800 E, 3150 N</u> Surface Geology <u>(UC) LIMESTONE/PHYLLITE</u>											
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl. Type
						Pb	Zn	Ag	Mn	Fe	
.2			CALCAREOUS			106	160	1.8	550 811	3.1%	SOIL
1.0	—	20%	80% CARBONACEOUS, LIMEY	PHYLLITE	—	130	240	1.1	335 219	2.5%	DRILL/ SOIL
Summary of Geology <u>BEDROCK UNCERTAIN, PROBABLE CALCAREOUS PHYLLITE BEDROCK</u>											

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. 138 Coordinates 7800 E, 3200 N Surface Geology (UC) LIMESTONE/PHYLLITE

Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						293	505	2.0	715	5.0%	SOIL
.8	-	70%	Calcareous 20%	5%	QUARTZ 5%	73	145	.5	250	2.0%	DRILL / SOIL

Summary of Geology BEDROCK UNKNOWN, SUGGEST LIMESTONE WITH MINOR PHYLLITE.

Hole No. 139 Coordinates 7800 E, 3250 N Surface Geology (UC) LIMESTONE/PHYLLITE

Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						139	900	1.2	330	3.35%	SOIL
.0-1.1		75%		20%	QUARTZ 5%	159	610	1.0	400	2.6%	DRILL SOIL

Summary of Geology BEDROCK UNKNOWN, LIMESTONE DOMINATES TILL.

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>140</u>		Coordinates <u>7800</u> E, <u>3300</u> N		Surface Geology <u>(UC) LIMESTONE / PHYLLITE</u>							
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyll. % Notes	M.Phyll. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						470	820	2.6	715	4.5%	SOIL
.8	—	50%	CALCAREOUS 10%	35%	QUARTZ 5%	485	1040	2.7	525	3.0%	DRILL/ SOIL
2.2	—	> 95%	—	< 5%	—	154	330	.7	370	2.2%	DRILL/ SOIL

Summary of Geology PROBABLE LIMESTONE BEDROCK

Hole No. <u>141</u>		Coordinates <u>7800</u> E, <u>3350</u> N		Surface Geology <u>(UC) LIMESTONE / PHYLLITE</u>							
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyll. % Notes	M.Phyll. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						255	490	1.6	830	4.5%	SOIL
1.0		OXIDES 70%	CALCAREOUS 20%	5%	QUARTZ 5%	171	325	.8	630	2.95%	DRILL/ SOIL

Summary of Geology BEDROCK UNKNOWN, BEST GUESS LIMESTONE WITH MINOR PHYLLITE

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>142</u>		Coordinates <u>7800 E, 3400 N</u>		Surface Geology <u>(UC) LIMESTONE/PHYLLITE</u>							
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
.2						410	800	1.7	840	3.9%	SOIL
1.4	—	75%	CALCAREOUS 15%	5%	QUARTZ 5%	282	560	1.0	480	2.45%	DRILL/ SOIL
2.3	—	60%	CALCAREOUS 15%	20%	QUARTZ 5%	289	700	1.1	500	2.5%	DRILL/ SOIL
Summary of Geology <u>BEDROCK UNKNOWN, LIMESTONE DOMINATES TILL</u>											

Hole No. <u>143</u>		Coordinates <u>7800 E, 3450 N</u>		Surface Geology <u>(UC) LIMESTONE/PHYLLITE</u>							
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
.2						120	500	.6	165	3.55%	SOIL
1.2	—	SOME OXIDES 70%	CALCAREOUS 20%	5%	QUARTZ 5%	280	600	.8	455	2.6%	DRILL/ SOIL
1.4	—	50%	CALCAREOUS 15%	25%	QUARTZ 10%	341	630	.9	465	2.7%	DRILL/ SOIL
Summary of Geology <u>BEDROCK UNKNOWN, LIMESTONE DOMINATES TILL</u>											

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>144</u>		Coordinates <u>7800</u> E, <u>3500</u> N				Surface Geology <u>(UC) LIMESTONE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
.2						184	490	.7	450	2.55%	SOIL
1.1	—	SOME OXIDES 70%	CALCAREOUS 15%	CARBONACEOUS MUSC-SERIC. 5%	DOLOSTONE SANDY 10%	137	360	.5	460	2.5%	DRILL/ SOIL
1.8-2.0	—	MINOR OXIDES 90%	CALCAREOUS 10%	—	—	77	155	.2	240	2.2%	DRILL/ SOIL

Summary of Geology PROBABLE LIMESTONE BEDROCK

Hole No. <u>145</u>		Coordinates <u>7800</u> E, <u>3550</u> N				Surface Geology <u>(UC) LIMESTONE/PHYLLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
.2						121	240	.7	225	3.9%	SOIL
.7	—	SOME OXIDES 60%	CALCAREOUS 20%	15%	QUARTZ 5%	102	275	.4	465	2.55%	DRILL/ SOIL

Summary of Geology BEDROCK UNCERTAIN, LIMESTONE DOMINATES TILL

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>146</u>		Coordinates <u>7800 E, 3600 N</u>				Surface Geology <u>(UC) LIMESTONE / PHYLLITE</u>						
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type	
						Pb	Zn	Ag	Mn	Fe		
.2						245	960	1.1	690	3.1%	SOIL	
.8	—	80%	—	10%	LIMESTONE OXIDE 10%	100	335	.3	620	2.65%	DRILL SOIL	
Summary of Geology <u>BEDROCK UNCERTAIN; LIMESTONE DOMINATES TILL</u>												

Hole No. <u>147</u>		Coordinates <u>7800 E, 3650 N</u>				Surface Geology <u>(UC) PHYLLITE / LIMESTONE</u>						
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type	
						Pb	Zn	Ag	Mn	Fe		
.2						299	1250	1.5	470	2.3%	SOIL	
1.4	—	75%	—	15%	QUARTZ 10%	363	1380	1.4	550	2.1%	DRILL SOIL	
2.2	—	10%	CARBONACEOUS 85%	—	QUARTZ 5%	50	250	<.2	470	3.6%	DRILL SOIL	
Summary of Geology <u>BEDROCK UNCERTAIN; PROBABLE CARBONACEOUS PHYLLITE BEDROCK</u>												

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>148</u>		Coordinates <u>7800 E, 3700 N</u>				Surface Geology <u>(UC) LIMESTONE / PHYLLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
.2						316	1210	1.4	580	2.25%	SOIL
1.2-1.3	—	90%	—	5%	QUARTZ <5%	284	1320	1.4	465	2.3%	DRILL/ SOIL
Summary of Geology <u>BEDROCK UNCERTAIN, LIMESTONE DOMINATES TILL</u>											

Hole No. <u>149</u>		Coordinates <u>7800 E, 3750 N</u>				Surface Geology <u>(UC) LIMESTONE / PHYLLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
.2						189	1000	1.3	515	3.0%	SOIL
1.2	—	80%	—	10%	QUARTZ 10%	243	1200	1.0	560	2.1%	DRILL/ SOIL
Summary of Geology <u>BEDROCK UNKNOWN, LIMESTONE DOMINATES TILL</u>											

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>150</u> Coordinates <u>7800 E, 3800 N</u>						Surface Geology <u>(UC) LIMESTONE / PHYLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
.2						153	640	1.0	530	3.35%	SOIL
1.4	—	85%	—	10%	< 5%	160	500	.5	480	2.3%	DRILL/ SOIL
1.7	—	65%	CARBONACEOUS LIMONITE 35%	—	—	124	420	.4	455	2.25%	DRILL/ SOIL
Summary of Geology <u>BEDROCK UNKNOWN; EXPECT CARBONACEOUS PHYLITE / LIMESTONE BEDROCK.</u>											

Hole No. <u>151</u> Coordinates <u>7800 E, 3850 N</u>						Surface Geology <u>(UC) LIMESTONE / PHYLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
.2						166	570	.6	785	2.2%	SOIL
1.4		80%		15%	QUARTZ < 5%	223	720	1.0	430	2.1%	DRILL/ SOIL
2.2		70%		MUSC-SER & CARBONACEOUS 25%	QUARTZ < 5%	164	425	.6	425	2.4%	DRILL/ SOIL
Summary of Geology <u>BEDROCK UNKNOWN, LIMESTONE DOMINATES TILL</u>											

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>152</u>		Coordinates <u>7800 E, 3900 N</u>		Surface Geology <u>(UC) LIMESTONE/PHYLLITE</u>							
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						148	530	.5	580	2.0%	SOIL
1.4	-	70%	-	25%	QUARTZ 5%	132	520	.5	440	2.25%	DRILL/ SOIL
2.5	-	60%	-	35% CALCAREOUS	QUARTZ 5%	186	550	.4	535	2.55%	DRILL/ SOIL

Summary of Geology

BEDROCK UNKNOWN; LIMESTONE DOMINATES TILL

Hole No. <u>153</u>		Coordinates <u>C 6400 E, C3300 N</u>		Surface Geology <u>(UC) LIMESTONE</u>							
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
1.3		40%		MUSC-SER 55%	QUARTZ 5%	168	420	<.2	720	2.75%	DRILL/ SOIL
2.9		80%		MUSC-SER 20%		74	173	<.2	550	1.75%	DRILL/ SOIL
3.8		>90%		MUSC-SER <10%		76	170	<.2	490	1.6%	DRILL/ SOIL

Summary of Geology

BEDROCK UNKNOWN, LIMESTONE PROBABLE BEDROCK

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>154</u>		Coordinates <u>6380 E, 3350 N</u>				Surface Geology <u>(UC) LIMESTONE</u>						
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type	
						Pb	Zn	Ag	Mn	Fe		
.2						125	314	<.2	500	2.6%	SOIL	
1.2	—	35%	—	MUSC-SER. 65%	—	76	217	<.2	620	2.35%	DRILLY SOIL	
2.6	—	85%	—	10%	QUARTZ 5%	80	168	.2	525	1.8%	DRILLY SOIL	

Summary of Geology BEDROCK UNKNOWN, LIMESTONE DOMINATES TILL

Hole No. <u>155</u>		Coordinates <u>6640 E, 3400 N</u>				Surface Geology <u>(UC) LIMESTONE / MUSC. PHYLLITE</u>						
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type	
						Pb	Zn	Ag	Mn	Fe		
.2						284	520	<.2	650	2.55%	SOIL	
1.5	—	46%	—	MUSC-SER. 55%	QUARTZ 5%	96	240	<.2	580	2.2%	DRILLY SOIL	
2.6-2.8		70%		MUSC-SER. 25%	QUARTZ 5%	102	361	<.2	615	2.25%	DRILLY SOIL	

Summary of Geology BEDROCK UNKNOWN; LIMESTONE DOMINATES TILL

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>156</u>		Coordinates <u>C6400 E, 3450 N</u>				Surface Geology <u>(U) LIMESTONE/MUSC PHYLLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						420	735	.5	665	3.25%	SOIL
1.2		35%	CALCAREOUS 25%	MUSC-SERIC. 35%	QUARTZ 5%	400	705	.2	740	2.85%	DRILL/ SOIL

Summary of Geology BEDROCK UNKNOWN; MIXED TILL SAMPLE.

Hole No. <u>157</u>		Coordinates <u>C6400 E, 3500 N</u>				Surface Geology <u>(U) LIMESTONE/MUSC. PHYLLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						925	1370	.8	725	2.8%	SOIL
1.1	TRACE	25%	—	MUSC-SERIC. IRRUSTY 70%	QUARTZ 5%	515	740	.3	675	2.8%	DRILL/ SOIL
1.5	TRACE	55%	CALCAREOUS 15%	MUSC-SERIC. 25%	QUARTZ 5%	520	670	.5	920	2.5%	DRILL/ SOIL

Summary of Geology BEDROCK UNKNOWN, MIXED TILL SAMPLE

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>158</u>		Coordinates <u>C6407 E, 3550 N</u>				Surface Geology <u>(LC) QUARTZITE / PHYLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						209	660	.7	920	2.85%	SOIL
1.4	ARKOSIC BROWN, RUSTY 50%.	10%	-	MUSC SER 40%	-	282	960	.9	1300	2.75%	DRILL/ SOIL

Summary of Geology BEDROCK UNCERTAIN, EXPECT INTERBEDDED QUARTZITE AND PHYLITE SEQUENCE

Hole No. <u>159</u>		Coordinates <u>C6400 E, 3600 N</u>				Surface Geology <u>(LC) QUARTZITE / PHYLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						172	515	.8	1000	2.85%	SOIL
.7	PHYLITE PARTINGS 10%	5%	WEAKLY CARBONACEOUS 85%			85	303	.5	455	2.75%	DRILL/ SOIL

Summary of Geology BEDROCK UNCERTAIN; PROBABLE MUSCOVITE PHYLITE / QUARTZITE SEQUENCE

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>160</u>		Coordinates <u>C6417 E, 3650 N</u>				Surface Geology <u>(LC) QUARTZITE | PHYLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						187	580	.6	1000	2.95%	SOIL
1.1	15%	40%	—	QTZ-MUSC-SERICITE 35%	10%	205	660	.5	1000	2.85%	DRILL / SOIL
2.1	ARKOSIC 20%	—	—	Q-M-S. 80%	—	118	435	.4	1200	2.35%	DRILL / SOIL

Summary of Geology PROBABLE QUARTZ-MUSCOVITE-SERICITE / QUARTZITE BEDROCK.

Hole No. <u>161</u>		Coordinates <u>C6400 E, 3700 N</u>				Surface Geology <u>(LC) QUARTZITE | PHYLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						168	560	.6	760	2.45%	SOIL
1.3	30%	40%	—	15%	QUARTZ 15%	274	810	.8	1400	2.85%	DRILL / SOIL
1.8	25%	15%	—	45%	QUARTZ 15%	116	455	.5	1000	2.25%	DRILL / SOIL

Summary of Geology BEDROCK UNCERTAIN; EXPECT QUARTZ, MUSCOVITE, SERICITE PHYLITE / QUARTZITE BEDROCK

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>162</u>		Coordinates <u>C6432 E, 3750 N</u>				Surface Geology <u>(LC) QUARTZITE/PHYLLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
.2						70	231	<.2	295	2.1%	SOIL
1.2	ARKOSIC 45%	20%	—	Q-M-S 20%	QUARTZ 15%	174	545	<.2	935	2.6%	DRILL/ SOIL
2.0	ARKOSIC 20%	10%	—	Q-M-S 60%	10%	72	204	.3	750	2.35%	DRILL/ SOIL

Summary of Geology **BEDROCK UNCERTAIN; EXPECT INTERBEDDED PHYLLITE/QUARTZITE SEQUENCE**

Hole No. <u>163</u>		Coordinates <u>C6400 E, 3800 N</u>				Surface Geology <u>(LC) QUARTZITE/PHYLLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
.2						84	335	.4	525	2.6%	SOIL
1.1	ARKOSIC 30%	25%	—	Q-M-S 40%	QUARTZ 5%	142	505	.6	1000	2.7%	DRILL/ SOIL
1.8	—	15%	—	Q-M-S 80%	QUARTZ 5%	148	665	.4	1000	3.1%	DRILL/ SOIL

Summary of Geology **BEDROCK UNCERTAIN, PROBABLE QUARTZ-MUSCOVITE-SERICITE PHYLLITE BEDROCK**

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>164</u>		Coordinates <u>C6420 E, 3850 N</u>				Surface Geology <u>(LC) PHYLITE/QUARTZITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						124	500	.4	570	3.05%	SOIL
1.1	ARKOSIC 25%			Q-M-S 70%	QUARTZ 5%	174	770	.7	1500	3.8%	DRILL/ SOIL
1.9	ARKOSIC 20%			Q-M-S 70%	QUARTZ 10%	127	495	.8	1000	3.05%	DRILL/ SOIL

Summary of Geology BEDROCK UNCERTAIN, PROBABLE QUARTZ-MUSC-SERICITE PHYLITE/QUARTZITE BEDROCK.

Hole No. <u>165</u>		Coordinates <u>C6400 E, 3900 N</u>				Surface Geology <u>(LC) PHYLITE/QUARTZITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						181	915	.6	975	3.2%	SOIL
1.2	ARKOSE 20%	10%		Q-M-S 60%	QUARTZ 10%	188	1000	.6	1350	3.6%	DRILL/ SOIL
1.5	ARKOSIC 20%	10%		Q-M-S 65%	QUARTZ 5%	134	775	.4	1600	3.9%	DRILL/ SOIL

Summary of Geology BEDROCK UNCERTAIN, PROBABLE INTERBEDDED PHYLITE/QUARTZITE SEQUENCE

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>166</u>		Coordinates <u>C6426</u> E, <u>3950</u> N				Surface Geology <u>(LC) PHYLITE/QUARTZITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						172	905	.9	1000	3.35%	SOIL
1.2	ARKOSIC 25%	5%	-	M-S. LT BROWN 70%	-	132	940	.6	1200	3.05%	DRILL/ SOIL
1.7-1.8	ARKOSIC 10%	<5%	-	Q-M-S SCHISTOSE >85%	-	74	465	.4	575	2.4%	DRILL/ SOIL

Summary of Geology QUARTZ-MUSCOVITE-SERICITE PHYLITE/SCHIST BEDROCK

Hole No. <u>167</u>		Coordinates <u>C6400</u> E, <u>4000</u> N				Surface Geology <u>(UC) LIMESTONE ??</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						140	890	.6	945	3.05%	SOIL
1.2	ARKOSIC 30%	40%	-	Q-M-S 30%	-	131	890	.4	930	2.55%	DRILL/ SOIL
3.0	ARKOSIC 20%	60%	-	Q-M-S 20%	-	117	720	.2	790	2.1%	DRILL/ SOIL

Summary of Geology BEDROCK UNKNOWN, MIXED TILL SAMPLE

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>168</u>		Coordinates <u>C6442 E, 4050 N</u>				Surface Geology <u>(UC) LIMESTONE (?)</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						86	332	.2	700	2.55%	SOIL
1.1	ARKOSIC 15%	70%	—	QUARTZ - MUSC-SERIC. 15%	—	118	485	.2	625	2.0%	DRILL/ SOIL
2.6	8%	65%	—	20%	QUARTZ 7%	96	340	4.2	595	1.9%	DRILL/ SOIL

Summary of Geology BEDROCK UNKNOWN; LIMESTONE DOMINATES TILL

Hole No. <u>169</u>		Coordinates <u>C6400 E, 4100 N</u>				Surface Geology <u>(LC) QUARTZITE / PHYLLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						80	391	.2	535	2.9%	SOIL
1.1	30%	20%	—	QUARTZ - MUSC-SERIC. 40%	QUARTZ 5%	138	910	.3	900	2.8%	DRILL/ SOIL
3.1	30%	NOTE OXIDES 20%	—	QUARTZ - MUSC-SERIC. 45% 20%	QUARTZ 5%	170	1240	.3	835	2.65%	DRILL/ SOIL

Summary of Geology BEDROCK UNKNOWN; PHYLLITE / QUARTZITE DOMINATES TILL

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>170</u> Coordinates <u>C6443 E, 4150 N</u> Surface Geology <u>(LC) QUARTZITE / PHYLITE</u>											
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
.2						120	261	.2	525	2.7%	SOIL
1.2	± ARKOSIC, OXIDES 40%	± OXIDES 25%	—	QUARTZ-MUSC-SERIC. 30%	—	166	331	.2	600	2.5%	DRILL/ SOIL
2.3-2.4	MIXED ORTHO- ARKOSIC 35%	PHYLITIC PARTINGS 15%	CALCAREOUS 5%	QUARTZ-MUSC-SERICITE 40%	QUARTZ 5%	217	425	.2	620	2.25%	DRILL/ SOIL

Summary of Geology BEDROCK UNKNOWN, MIXED TILL SAMPLE

Hole No. <u>171</u> Coordinates <u>C6400 E, 4200 N</u> Surface Geology <u>(LC) QUARTZITE / PHYLITE</u>											
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
.2						151	234	<.2	540	3.15%	SOIL
1.1	20%	5%	—	Q-M-S 70%	QUARTZ 5%	115	185	<.2	460	3.05%	DRILL/ SOIL
2.1	ARKOSIC 40%	10%	—	Q-M-S 45%	QUARTZ 5%	87	196	<.2	570	2.95%	DRILL/ SOIL

Summary of Geology BEDROCK UNCERTAIN, QUARTZITE/PHYLITE DOMINATES TILL

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. 172 Coordinates C6443 E, 4245 N Surface Geology (LC) PHYLITE/QUARTZITE.

Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						95	204	.2	585	3.15%	SOIL
.8	40%	10%		A-M-S 45%	5%	72	170	<.2	630	2.65%	DRILL/ SOIL

Summary of Geology BEDROCK UNKNOWN; QUARTZITE/PHYLITE SEQUENCE DOMINATES TILL

Hole No. 173 Coordinates 6500 E, TL4200 N Surface Geology (LC) PHYLITE/QTZITE

Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl. Type
						Pb	Zn	Ag	Mn	Fe	
.3						97	225	<.2	460	3.3%	SOIL
1.1	15%			MUSC-SERIC 80%	QUARTZ 5%	94	190	.3	550	2.95%	DRILL/ SOIL
1.3	15%			MUSC-SERIC 80%	QUARTZ 5%	78	192	.2	455	2.9%	DRILL/ SOIL

Summary of Geology BEDROCK UNCERTAIN; PROBABLE MUSCOVITE-SERICITE PHYLITE BEDROCK

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>174</u>		Coordinates <u>T₂ 6550</u> E, <u>T₂ 4200</u> N				Surface Geology <u>(LC) PHYLITE / QUARTZITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.3						74	232	<.2	270	2.8%	SOIL
.9	15%	10%	—	Musc-SERIC 70%	QUARTZ 5%	105	234	.2	530	3.15%	DRILL SOIL

Summary of Geology BEDROCK UNCERTAIN, PROBABLE MUSC-SERICITE PHYLITE BEDROCK

Hole No. <u>175</u>		Coordinates <u>6600</u> E, <u>T₂ 4200</u> N				Surface Geology <u>(LC) PHYLITE / QUARTZITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						109	289	<.2	365	2.4%	SOIL
.4	15%	—	—	Musc-SER. 80%	QUARTZ 5%	115	388	.2	400	2.8%	DRILL SOIL

Summary of Geology BEDROCK UNCERTAIN, PROBABLE MUSC-SERICITE PHYLITE BEDROCK

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>176</u>		Coordinates <u>6650 E, TL4200 N</u>				Surface Geology <u>(LC) PHYLITE/QUARTZITE</u>						
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type	
						Pb	Zn	Ag	Mn	Fe		
.2						97	665	.3	620	2.8	SOIL	
.8	25%	-	-	Musc-SERIC 70%	QUARTZ 5%	124	405	.4	740	2.8	DRILL/ SOIL	

Summary of Geology BEDROCK UNKNOWN; EXPECT MUSC-SERICITE PHYLITE/QUARTZITE BEDROCK

Hole No. <u>177</u>		Coordinates <u>6600 E, 4200 N</u>				Surface Geology <u>(LC) PHYLITE/QUARTZITE</u>						
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type	
						Pb	Zn	Ag	Mn	Fe		
.2						47	470	<.2	450	2.6	SOIL	
.7	25%	5%	-	Musc-SERIC 65%	QUARTZ 5%	145	440	.5	940	2.8	DRILL/ SOIL	

Summary of Geology BEDROCK UNKNOWN, EXPECT MUSC-SERICITE PHYLITE/QUARTZITE BEDROCK.

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>178</u>		Coordinates <u>6600 E, 4150 N</u>		Surface Geology <u>(LC) PHYLITE / QUARTZITE</u>								
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type	
						Pb	Zn	Ag	Mn	Fe		
.2						134	770	.4	695	2.65%	SOIL	
1.0	50%	—	—	45%	QUARTZ 5%	94	445	.3	800	2.3%	DRILL/ SOIL	
1.4	30%	—	—	65%	QUARTZ 5%	86	296	<.2	730	2.5%	DRILL/ SOIL	

Summary of Geology BEDROCK UNCERTAIN; EXPECT INTERBEDDED

Hole No. <u>179</u>		Coordinates <u>6600 E, 4100 N</u>		Surface Geology <u>(UC) LIMESTONE (?)</u>								
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type	
						Pb	Zn	Ag	Mn	Fe		
.2						104	585	.6	755	2.8%	SOIL	
1.2	20%	60%	—	Musc-SER 15%	QUARTZ 5%	159	810	.3	955	2.3%	DRILL/ SOIL	
1.6	10%	60%	—	25%	QUARTZ 5%	122	830	<.2	800	2.3%	DRILL/ SOIL	

Summary of Geology BEDROCK UNKNOWN; LIMESTONE DOMINATES TILL

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>180</u>		Coordinates <u>6600</u> E, <u>4050</u> N				Surface Geology <u>(UC) LIMESTONE (??)</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
.2						108	520	.4	700	2.55%	SOIL
1.1		75%		25%		120	745	.6	650	2.9%	DRILL/ SOIL
2.2		80%		20%		128	905	.6	960	3.0%	DRILL/ SOIL
Summary of Geology <u>PROBABLE LIMESTONE BEDROCK.</u>											

Hole No. <u>181</u>		Coordinates <u>6600</u> E, <u>4000</u> N				Surface Geology <u>(UC) UNDIVIDED.</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
.2						162	720	.4	910	3.25%	SOIL
1.0	CREAM 30%	VARI COLORED 35%	-	LT. BROWN TO GREY 30%	QUARTZ 5%	128	580	.3	800	2.4%	DRILL/ SOIL
Summary of Geology <u>BEDROCK UNKNOWN ; MIXED TILL SAMPLE</u>											

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>182</u>		Coordinates <u>6600</u> E, <u>3950</u> N				Surface Geology <u>(UC) UNDIVIDED</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						106	645	.3	430	2.85%	SOIL
.8	CREAM 20%	30%	-	MUSC-SERIC. 45%	QUARTZ 5%	225	925	.6	1450	3.25%	DRILL/ SOIL

Summary of Geology BEDROCK UNKNOWN, MIXED TILL SAMPLE

Hole No. <u>183</u>		Coordinates <u>6600</u> E, <u>3900</u> N				Surface Geology <u>(UC) LIMESTONE (??)</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						82	330	.3	950	1.6%	SOIL
.2-1.3	CLEAN, WHITE 15%	MUD GREY-BROWN 75%		MUSC-SERIC. 10%		214	1200	.2	1900	2.25%	DRILL/ SOIL
1.3-1.5						100	300	.1	800	1.0%	SOIL

Summary of Geology BEDROCK UNCERTAIN, PROBABLE LIMESTONE BEDROCK

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>184</u>		Coordinates <u>6600</u> E, <u>3850</u> N				Surface Geology <u>(LC) PHYLITE/QUARTZITE</u>						
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type	
						Pb	Zn	Ag	Mn	Fe		
.2						106	383	<.2	480	2.25%	SOIL	
1.0	ARKOSIC 30%			QUARTZ-MUSC SERIC. PHYLITE/SCHIST 70%		155	455	.6	675	2.5%	DRILL/ SOIL	
2.2-2.4	GRITTY. 25%			QUARTZ-MUSC SERIC. 70%	QUARTZ 5%	139	425	.4	1200	3.0%	DRILL/ SOIL	
Summary of Geology		BEDROCK UNCERTAIN, PROBABLE QUARTZ-MUSC-SERKITE PHYLITE/SCHIST BEDROCK.										

Hole No. <u>185</u>		Coordinates <u>6600</u> E, <u>3800</u> N				Surface Geology <u>(LC) QUARTZITE</u>						
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type	
						Pb	Zn	Ag	Mn	Fe		
.2						94	380	<.2	345	2.0%	SOIL	
.4	LT. BELGE >95%	—	—	<5%	—	73	291	<.2	330	1.5%	DRILLY SOIL	
Summary of Geology		QUARTZITE BEDROCK										

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. 186 Coordinates 6600 E, 3750 N Surface Geology (LC) PHYLITE ??

Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						127	845	<.2	945	2.85%	SOIL
.7	—	PHYLITIC. REACTED 20%.	CARBONACEOUS 80%.	—	—	89	530	.4	660	2.4%	DRILLY SOIL

Summary of Geology PROBABLE CARBONACEOUS PHYLITE BEDROCK

Hole No. 187 Coordinates 6600 E, 3700 N Surface Geology (LC) QUARTZITE/PHYLITE

Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						137	315	<.2	300	2.7%	SOIL
1.0-1.1	25%	PHYLITIC 20%.	—	QUARTZ-MUSC. SERICITE 50%.	QUARTZ. 5%.	122	330	.4	620	2.0%	DRILLY SOIL

Summary of Geology BEDROCK UNKNOWN, PROBABLE PHYLITE/QUARTZITE BEDROCK.

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>188</u>		Coordinates <u>6600</u> E, <u>3650</u> N				Surface Geology <u>(LC) QUARTZITE / PHYLITE ??</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						89	351	.2	250	2.15%	SOIL
1.2	30%	45%		20%	QUARTZ 5%	175	435	<.2	865	2.7%	DRILL/ SOIL
2.4-2.5	25%	45%		25%	QUARTZ 5%	368	710	.4	900	2.45%	DRILL/ SOIL

Summary of Geology BEDROCK UNKNOWN, MIXED TILL SAMPLE

Hole No. <u>189</u>		Coordinates <u>6600</u> E, <u>3600</u> N				Surface Geology <u>(LC) QUARTZITE / PHYLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						102	410	<.2	310	2.85%	SOIL
.8	60%	60 5%			QUARTZ-MUSC -SERICITE 30% QUARTZ 5%	325	445	.6	930	3.0%	DRILL/ SOIL

Summary of Geology BEDROCK UNCERTAIN; PROBABLE QUARTZITE / PHYLITE BEDROCK SEQUENCE

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>190</u>		Coordinates <u>5600 E, 3775 N</u>				Surface Geology <u>LIMESTONE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						182	1660	.6	1700	3.0%	SOIL
.7		PHYLLITIC, BROWN. 65%		MUSC-SERICITE MED. BROWN. 25%	QUARTZ/ QUARTZITE 10%	375	3420	1.1	3700	3.65%	DRILL/ SOIL
.7		↓		↓	↓	.02%	.25%	.04 oz/ton	-	-	ROCK

Summary of Geology BEDROCK UNKNOWN; PROBABLE LIMESTONE WITH PHYLLITE INTERBEDS BEDROCK

Hole No. <u>191</u>		Coordinates <u>5600 E, 3800 N</u>				Surface Geology <u>QUARTZITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2	OXIDIZED SANDY >80%			MUSC-SERICITE LT. GREY BROWN <20%		48	167	.5	440	3.35%	SOIL
.5	↓			↓		1410	1250	.4	1700	2.6%	DRILL/ SOIL
.5						720	660	.5			ROCK

Summary of Geology RUSTY QUARTZITE BEDROCK

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>192</u>		Coordinates <u>5800</u> E, <u>3900</u> N				Surface Geology <u>(LC) QUARTZITE (?)</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						56	126	<.2	240	2.95%	SOIL
.7	PHYLITIC PARTINGS 30%	GREY BROWN 40%		GREY BROWN 30%		110	176	<.2	665	2.85%	DRILL SOIL

Summary of BEDROCK UNKNOWN, MIXED TILL SAMPLE Geology

Hole No. <u>193</u>		Coordinates <u>5800</u> E, <u>3850</u> N				Surface Geology <u>(LC) QUARTZITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						101	123	<.2	320	3.25%	SOIL
.6	15%	40%		MUSC. SERICITE 40%	QUARTZ 5%	78	230	<.2	790	2.65%	DRILL SOIL

Summary of BEDROCK UNKNOWN, MIXED TILL SAMPLE Geology

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>194</u>		Coordinates <u>5800</u> E, <u>3800</u> N				Surface Geology <u>QUARTZITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2	IMPURE OXIDIZED					87	495	<.2	500	3.35%	SOIL
.5	<u>LIMEY OXIDIZED</u> 80%			Musc. Seric. 20%		9280	1270	3.6	830	5.37%	DRILL SOIL
.5	↓			↓		5.8%	.14%	.44 oz/ton	-	-	ROCK ASSAY
Summary of Geology <u>PROBABLE OXIDIZED QUARTZITE BEDROCK, NO VISIBLE SULFIDES</u>											

Hole No. <u>195</u>		Coordinates <u>5800</u> E, <u>3750</u> N				Surface Geology <u>LIMESTONE/QUARTZITE CONTACT</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						119	825	.6	600	4.07%	SOIL
.45	25%	40%		30%	QUARTZ 5%	110	675	.7	880	2.6%	DRILL SOIL
Summary of Geology <u>BEDROCK UNKNOWN, MIXED TILL SAMPLE</u>											

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>196</u>		Coordinates <u>5800</u> E, <u>3700</u> N				Surface Geology <u>(UC) LIMESTONE / PHYLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						176	735	.4	845	3.05%	SOIL
.7		LT. GREY 70%	CALCAREOUS 20%	MUSC-SERIC 5%	QUARTZ 5%	167	1240	.4	950	2.5%	DRILL/ SOIL

Summary of Geology BEDROCK UNCERTAIN, PROBABLE LIMESTONE BEDROCK

Hole No. <u>197</u>		Coordinates <u>5800</u> E, <u>3650</u> N				Surface Geology <u>(UC) LIMESTONE / MUSC. PHYLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						111	1220	7.1	1300	2.8%	SOIL
1.0		10%	CALCAREOUS 20%	MUSC-SERIC 70%		205	1410	2.2	1800	3.8%	DRILL SOIL

Summary of Geology BEDROCK UNCERTAIN, PROBABLE MUSC-SERICITE BEDROCK

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>198</u>		Coordinates <u>5800</u> E, <u>3600</u> N				Surface Geology <u>Muscovite Phyllite</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C. Phyl. % Notes	M. Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						152	485	2.0	1000	3.55%	SOIL
.4				Musc-SERIC. LT. SILVER BROWN 100%		147	380	2.1	1400	3.4%	DRILL / SOIL

Summary of Geology MUSCOVITE-SERICITE PHYLITE BEDROCK

Hole No. <u>199</u>		Coordinates <u>5800</u> E, <u>3550</u> N				Surface Geology <u>Limestone</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C. Phyl. % Notes	M. Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						96	565	.3	670	3.55%	SOIL
.4	ARKOSIC 30%	20%		Musc-SERIC 50%		115	785	.2	975	3.4%	DRILL / SOIL

Summary of Geology BEDROCK UNCERTAIN; LIMESTONE ± PHYLITE BEDROCK.

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>200</u>		Coordinates <u>5800</u> E, <u>3500</u> N				Surface Geology <u>LIMESTONE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						281	2280	1.4	1400	3.9%	SOIL
.6		RECRYSTALLIZED, WHITE 50%		MUSC-SERICITE 50%		545	1870	2.1	3100	3.6%	DRILL/ SOIL
.6						112	800	.4			

Summary of Geology BEDROCK UNCERTAIN ; PROBABLE INTERBEDDED LIMESTONE/PHYLLITE SEQUENCE

Hole No. <u>201</u>		Coordinates <u>5800</u> E, <u>3450</u> N				Surface Geology <u>LIMESTONE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						153	124	.7	2300	3.0%	SOIL
.6		RECRYSTALLIZED 85%		MUSC-SERIC. 15%		194	820	.6	2500	2.45%	DRILL/ SOIL

Summary of Geology BEDROCK UNCERTAIN ; PROBABLE LIMESTONE BEDROCK

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>202</u>		Coordinates <u>5800 E, 3400 N</u>		Surface Geology <u>LIMESTONE/PHYLLITE</u>							
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						328	1000	1.1	2000	3.07.	SOIL
.5		RECRYSTALLIZED LIGHT GRAY 60%		MUSC-SERIC. 30%	QUARTZ QUARTZITE 10%	268	1120	.6	1500	2.457.	DRILLY SOIL

Summary of Geology BEDROCK UNCERTAIN; PROBABLE LIMESTONE/PHYLLITE SEQUENCE

Hole No. <u>203</u>		Coordinates <u>6000 E, 3350 N</u>		Surface Geology <u>LIMESTONE</u>							
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						1620	2440	.9	1800	2.557.	SOIL
.4		OXIDE RICH LT. GREY BROWN. 100%				1645	720000	1.0	1000	2.27.	DRILLY SOIL
.4		↓				.18%	2.85%	.04 oz/ton	-	-	ROCK

Summary of Geology LIMESTONE BEDROCK, NO SULFIDES SEEN

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>204</u>		Coordinates <u>6000</u> E, <u>3325</u> N				Surface Geology <u>LIMESTONE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						395	2060	.7	1400	3.85%	SOIL
1.1		>90%	CARBONACEOUS <10%			615	1770	.5	1900	2.4%	DRILL/ SOIL
1.1		↓	↓			198	98	.2	—	—	ROCK

Summary of Geology PROBABLE LIMESTONE BEDROCK

Hole No. <u>205</u>		Coordinates <u>6000</u> E, <u>3300</u> N				Surface Geology <u>LIMESTONE / CARBONAC. PHYLLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						170	1100	.4	1050	3.0%	SOIL
1.0		MINOR OXIDES 65%	CARBONACEOUS 35%			1450	1340	.2	700	2.45%	DRILL SOIL
1.0						2500	570	.3			ROCK

Summary of Geology BEDROCK UNCERTAIN; PROBABLE LIMESTONE & PHYLLITE INTERBEDS BEDROCK

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>206</u> Coordinates <u>6000</u> E, <u>3100</u> N		Surface Geology <u>(U) PHYLITE</u>									
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
.2						100	460	.3	350	3.05%	SOIL
1.1		GREY BROWN 25%		MUSC-SERIC. 75%		116	440	.2	645	3.3%	DRILL/ SOIL
1.3		25%		MUSC-SERIC. 75%		106	372	<	680	3.5%	DRILL/ SOIL
Summary of Geology <u>BEDROCK UNCERTAIN; PROBABLE MUSCOVITE-SERICITE PHYLITE / LIMESTONE BEDROCK</u>											

Hole No. <u>207</u> Coordinates <u>6000</u> E, <u>3150</u> N		Surface Geology <u>(U) PHYLITE</u>									
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl Type
						Pb	Zn	Ag	Mn	Fe	
.2						112	258	<.2	340	3.6%	SOIL
.7				MUSC-SERIC. >90%	<10%	99	197	<.2	590	2.25%	DRILL/ SOIL
Summary of Geology <u>MUSCOVITE SERICITE PHYLITE BEDROCK.</u>											

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>208</u>		Coordinates <u>6000 E, 3200 N</u>				Surface Geology <u>MUSC. PHYLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						145	420	.2	625	3.0%	SOIL
.5-.6				RUSTY MUSC. SERIC. 100%		67	157	.4	1400	2.65%	DRILL/ SOIL

Summary of Geology MUSCOVITE-SERICITE PHYLITE BEDROCK.

Hole No. <u>209</u>		Coordinates <u>6000 E, 3250 N</u>				Surface Geology <u>MUSC. PHYLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						243	575	<.2	800	3.0%	SOIL
.8		± PHYLITIC 30%		MUSC-SERIC. 70%		116	301	.2	690	3.05%	DRILL/ SOIL

Summary of Geology PROBABLE MUSC-SERICITE PHYLITE WITH LIMY INTERBEDS.

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>210</u>		Coordinates <u>6000 E, 3375 N</u>				Surface Geology <u>LIMESTONE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						242	845	.6	1700	2.9%	SOIL
.9		RECRYSTALLIZED LT. GREY. 100%				304	970	.2	850	1.25%	DRILL/ SOIL

Summary of Geology RECRYSTALLIZED LIMESTONE BEDROCK

Hole No. <u>211</u>		Coordinates <u>6000 E, 3400 N</u>				Surface Geology <u>LIMESTONE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						234	740	.6	1200	2.2%	SOIL
.5		WHITE RECRYSTALLIZED >95%			<5%	197	615	.2	825	1.3%	DRILL/ SOIL

Summary of Geology RECRYSTALLIZED LIMESTONE BEDROCK

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>212</u>		Coordinates <u>6000 E</u> ; <u>3450 N</u>				Surface Geology <u>LIMESTONE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						910	3080	2.7	1600	3.45%	SOIL
.9	20%	40%		Musc-Seric 35%	QUARTZ 5%	470	1530	1.3	1600	2.9%	DRILL/ SOIL
.9						.02%	.03%	.03 02/ton			ROCK ASSAY

Summary of Geology BEDROCK UNKNOWN, MIXED TILL SAMPLE

Hole No. <u>213</u>		Coordinates <u>6000 E</u> , <u>3500 N</u>				Surface Geology <u>LIMESTONE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						280	1350	1.4	1200	5.0%	SOIL
.8	10%	10%	CARBONACEOUS OXIDES 80%			110	570	.8	820	4.5%	DRILL/ SOIL

Summary of Geology PROBABLE CARBONACEOUS PHYLITE BEDROCK

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>214</u>		Coordinates <u>6000 E, 3550 N</u>		Surface Geology <u>LIMESTONE/PHYLLITE</u>		ppm except as noted					Sample Type
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	Pb	Zn	Ag	Mn	Fe	
.2						209	655	.8	1050	3.45%	SOIL
.9	20%	20%		Musc-SERIC. 60%		211	605	.5	1000	3.37%	DRILL/ SOIL

Summary of Geology BEDROCK UNKNOWN, POSSIBLE MUSC.-SERIC PHYLLITE BEDROCK

Hole No. <u>215</u>		Coordinates <u>6000 E, 3600 N</u>		Surface Geology <u>(UL) LIMESTONE/PHYLLITE</u>		ppm except as noted					Sample Type
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	Pb	Zn	Ag	Mn	Fe	
.2						366	695	1.0	3200	3.25%	SOIL
.4	20%	40%		40%		224	555	1.2	2000	3.5%	DRILL/ SOIL

Summary of Geology BEDROCK UNKNOWN, POSSIBLE INTERBEDDED PHYLLITE/LIMESTONE BEDROCK

MEISTER OVERBURDEN DRILL PROGRAM
SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>216</u>		Coordinates <u>6000 E, 3650 N</u>				Surface Geology <u>Musc. PHYLITE</u>						
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl. Type	
						Pb	Zn	Ag	Mn	Fe		
.2						57	276	<.2	330	3.0%	SOIL	
.5				BLEACHED MUSC-SERICITE 795%	<5%	102	153	.2	380	1.35%	DRILL/SO.	

Summary of Geology MUSCOVITE-SERICITE PHYLITE BEDROCK

Hole No. <u>217</u>		Coordinates <u>6000 E, 3700 N</u>				Surface Geology <u>PHYLITE/QUARTZITE ?</u>						
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sampl. Type	
						Pb	Zn	Ag	Mn	Fe		
.2						124	820	.6	930	3.45%	SOIL	
.2-1.3	SALMON 40%	15%		MUSC-SERIC. & SILICEOUS 40%	QUARTZ. 5%	248	835	.7	1200	3.2%	DRILL/ SOIL	

Summary of Geology BEDROCK UNKNOWN; PHYLITE/QUARTZITE SEQUENCE (??)

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. 218 Coordinates 6200 E, 3750 N Surface Geology (LC) PHYLITE / QUARTZITE

Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						171	620	.7	835	3.0%	SOIL
1.0	20%	20%		Musc-SERIC. 55%	QUARTZ 5%	281	855	.7	1500	3.55%	DRILL / SOIL

Summary of Geology BEDROCK UNKNOWN; POSSIBLE MUSC-SERICITE PHYLITE SEQUENCE

Hole No. 219 Coordinates 6200 E, 3700 N Surface Geology (LC) QUARTZITE / PHYLITE

Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						163	935	.5	1400	4.0%	SOIL
.9	20%	20%		60%		330	780	.5	1700	3.0%	DRILL / SOIL

Summary of Geology BEDROCK UNKNOWN; POSSIBLE MUSC-SERICITE PHYLITE BEDROCK

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>220</u>		Coordinates <u>6200 E, 3650 N</u>				Surface Geology <u>QUARTZITE / PHYLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						132	366	.3	595	2.7%	SOIL
1.1	CREAM. 25%			LT. BROWN MUSC-SERIC. 75%		23	116	<.2	310	0.9%	DRILL SOIL

Summary of Geology PROBABLE MUSCOVITE-SERICITE PHYLITE ± QUARTZITE BEDROCK.

Hole No. <u>221</u>		Coordinates <u>6200 E, 3600 N</u>				Surface Geology <u>QUARTZITE / PHYLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						202	640	.8	840	3.15%	SOIL
.8				QUARTZ SERICITE SCHISTOSE BLEACHED 100%		24	83	.6	305	1.4%	DRILL SOIL

Summary of Geology QUARTZ-SERICITE PHYLITE BEDROCK.

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>222</u>		Coordinates <u>6200 E, 3550 N</u>				Surface Geology <u>(U) LIMESTONE/PHYLLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						213	705	1.0	1200	2.8%	SOIL
1.0	10%	60%		25%	QUARTZ 5%	178	605	.4	1200	2.75%	DRILL/ SOIL
1.7	20%	50%		MUSC-SERIC 25%	QUARTZ 5%	235	765	.4	1050	2.5%	DRILL/ SOIL

Summary of Geology BEDROCK UNKNOWN; LIMESTONE DOMINATES TILL.

Hole No. <u>223</u>		Coordinates <u>6200 E, 3500 N</u>				Surface Geology <u>(U) LIMESTONE/PHYLLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						76	304	<.2	790	3.1%	SOIL
1.2	15%	LT GREY, SALMON 55%		LT GREY BROWN 30%		179	560	<.2	930	2.85%	DRILL/ SOIL
1.6	30%	55%		MUSC-SERIC 10%	QTZ. 5%	400	715	.3	880	2.55%	DRILL/ SOIL

Summary of Geology BEDROCK UNKNOWN; LIMESTONE DOMINATES TILL

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>224</u>		Coordinates <u>6200 E, 3450 N</u>				Surface Geology <u>(UC) LIMESTONE / PHYLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						182	700	.5	635	2.95%	SOIL
1.1	BEIGE 5%	LT. GREY 60%		MUSC-SERIC. 30%	QUARTZ 5%	655	1000	.5	1100	2.25%	DRILL/ SOIL
2.9		40%	CARBONACEOUS 45%	MUSC-SERIC. 10%	QUARTZ 5%	410	670	.3	700	2.8%	DRILL/ SOIL
4.4	AREOSIC 5%	MED. GREY 25%	CARBONACEOUS 55%	MUSC-SERIC. 15%		410	610	.4	635	2.75%	DRILL/ SOIL

Summary of Geology BEDROCK UNCERTAIN; POSSIBLE CARBONACEOUS PHYLITE BEDROCK

Hole No. <u>225</u>		Coordinates <u>6200 E, 3400 N</u>				Surface Geology <u>(UC) LIMESTONE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						500	1150	1.3	880	2.5%	SOIL
1.0	5%	20%	GRAPHITIC 65%	5%	QUARTZ 5%	695	830	.4	695	2.8%	DRILL SOIL
2.5	15%	20%	CARBONACEOUS 50%	MUSC-SERIC. 10%	QUARTZ 5%	460	685	.2	700	2.9%	DRILL SOIL

Summary of Geology BEDROCK UNKNOWN; POSSIBLE CARBONACEOUS PHYLITE BEDROCK

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>226</u>		Coordinates <u>6200 E, 3350 N</u>				Surface Geology <u>LIMESTONE ??</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						405	1470	1.2	945	4.0%	SOIL
1.1	10%	40%	CARBONACEOUS 25%	MUSC-SERIC. 20%	5%	455	635	.2	800	2.85%	DRILL/ SOIL

Summary of Geology BEDROCK UNKNOWN, MIXED TILL SAMPLE

Hole No. <u>227</u>		Coordinates <u>6200 E, 3300 N</u>				Surface Geology <u>(UC) PHYLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						249	610	.2	500	2.7%	SOIL
1.1	10%	25%	CARBONACEOUS 15%	± RUSTY 50%	—	98	293	4.2	810	3.2%	DRILL/ SOIL
2.3		5%	CARBONACEOUS 20%	MUSC-SERIC. 70%	QUARTZ 5%	133	580	4.2	770	2.65%	DRILL/ SOIL

Summary of Geology BEDROCK UNCERTAIN, PROBABLE MUSCOVITE-SERICITE PHYLITE BEDROCK

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>228</u>		Coordinates <u>6200 E, 3250 N</u>				Surface Geology <u>(U) PHYLLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						243	525	.3	480	2.9%	SOIL
1.1		35%	CARBONACEOUS 15%	MUSC-SERIC. 45%	QUARTZ 5%	217	640	.4	970	3.1%	DRILL SOIL

Summary of Geology BEDROCK UNKNOWN, POSSIBLE INTERBEDDED PHYLLITE/LIMESTONE SEQUENCE

Hole No. <u>229</u>		Coordinates <u>6200 E, 3200 N</u>				Surface Geology <u>(U) PHYLLITE</u>					
Depth (m)	Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
						Pb	Zn	Ag	Mn	Fe	
.2						85	510	.3	220	2.9%	SOIL
1.2	10%	40%		56%		114	194	<.2	690	2.0%	DRILL SOIL
1.6		VARI-COLOURED 15%	CARBONACEOUS 65%	MUSC-SERIC. 15%	QUARTZ 5%	740	1710	.3	700	2.4%	DRILL SOIL
1.6						114	302	<.2			ROCK

Summary of Geology BEDROCK UNKNOWN ; PROBABLE PHYLLITE BEDROCK.

MEISTER OVERBURDEN DRILL PROGRAM

SUMMARY LOGS AND SAMPLING RESULTS

Hole No. <u>230</u> Coordinates <u>6206 E, 3150 N</u> Surface Geology <u>(UC) PHYLITE / LIMESTONE</u>		Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
Depth (m)							Pb	Zn	Ag	Mn	Fe	
.2							113	297	.2	830	3.8%	SOIL
1.1-1.2			75%		20%	5%	139	234	.2	655	2.0%	DRILL / SOIL
1.9		VARY COLOR.	80%		CARBONACEOUS + MUSC. SERIC.	QUARTZ	143	209	.2	595	2.0%	DRILL / SOIL

Summary of Geology BEDROCK UNKNOWN, LIMESTONE DOMINATES TILL

Hole No. <u>231</u> Coordinates <u>6200 E, 3100 N</u> Surface Geology <u>(UC) PHYLITE / LIMESTONE</u>		Qtzt. % Notes	Lst. % Notes	C.Phyl. % Notes	M.Phyl. % Notes	Other Notes	ppm except as noted					Sample Type
Depth (m)							Pb	Zn	Ag	Mn	Fe	
.2							119	298	<.2	760	2.95%	SOIL
1.1		VARI-COLOR	70%		MUSC SERIC.	QUARTZ	129	239	<.2	1000	2.35%	DRILL / SOIL
1.8			45%		55%		490	490	.4	1000	2.1%	DRILL / SOIL

Summary of Geology BEDROCK UNCERTAIN ; POSSIBLE MUSC. SERICITE PHYLITE BEDROCK

PHOENIX GEOPHYSICS LIMITED

REPORT ON

THE INDUCED POLARIZATION AND RESISTIVITY SURVEY

ON THE

MEISTER PROPERTY

(East Grid, South Grid)

WATSON LAKE MINING DISTRICT, YUKON

FOR

CORDILLERAN ENGINEERING LIMITED

LATITUDE: 60°17' NORTH

LONGITUDE: 130°18' WEST

NTS: 105 B/8

CLAIMS: MR 1-390

OWNERS:

REGIONAL RESOURCES LTD., GETTY CANADIAN METALS LTD.

OPERATOR: CORDILLERAN ENGINEERING LIMITED

BY

PAUL A. CARTWRIGHT, B.Sc.

Geophysicist

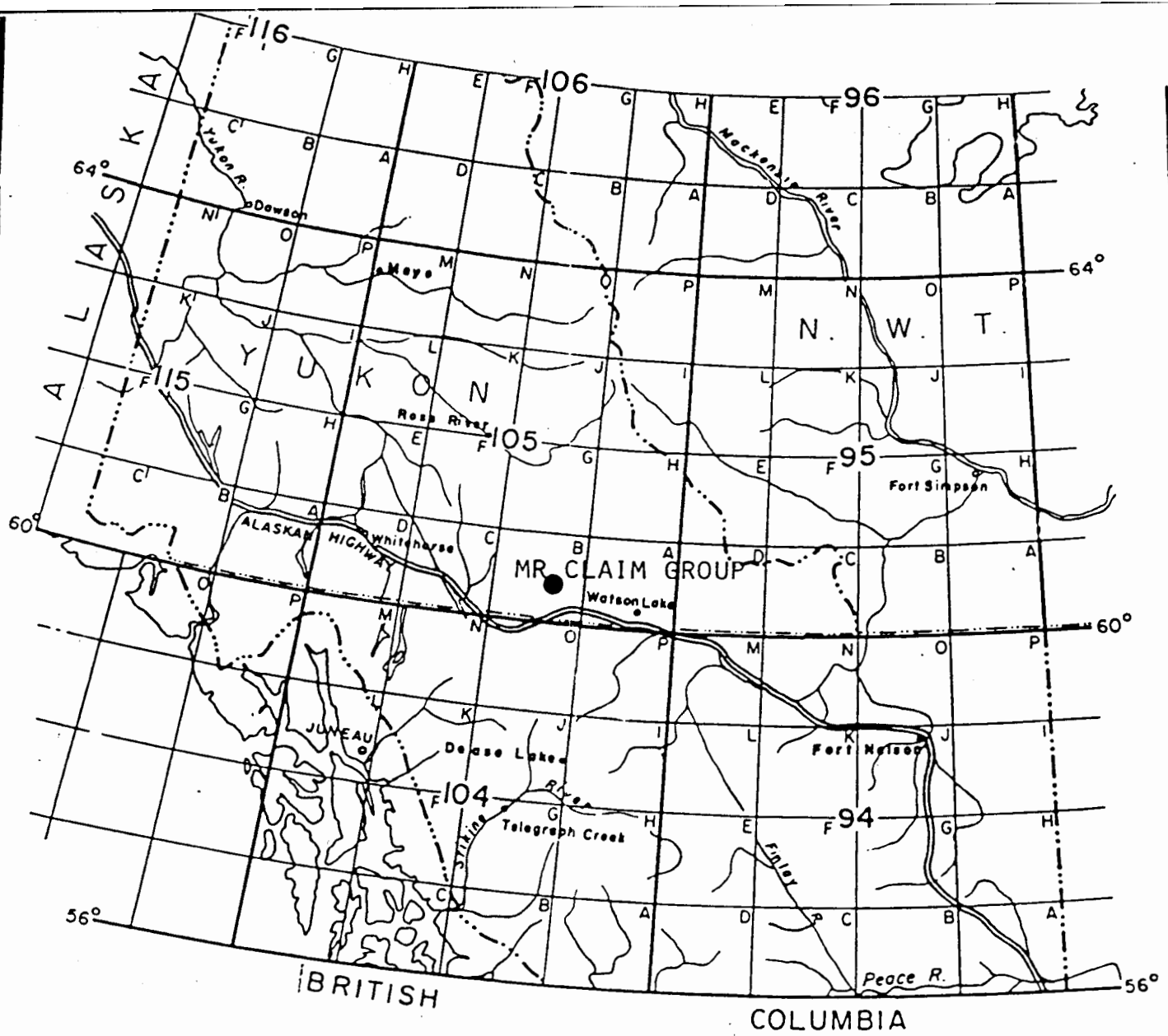
MICHAEL J. CORMIER, B.Sc.

Geophysicist

DATED: 21 December 1984

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PART B ILLUSTRATIONS	
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Location Map	Figure 1
Claim Map	Figure 2



GETTY CANADIAN METALS, LIMITED
 AND
 REGIONAL RESOURCES LTD.
 LOCATION MAP
 MR CLAIM GROUP
 Watson Lake Mining District, Y.T.

SCALE: 1" = 125 MILES

BY
 CORDILLERAN ENGINEERING

1418 - 355 BARRARD STREET
 VANCOUVER, B.C. V6C 2G8

December, 1983

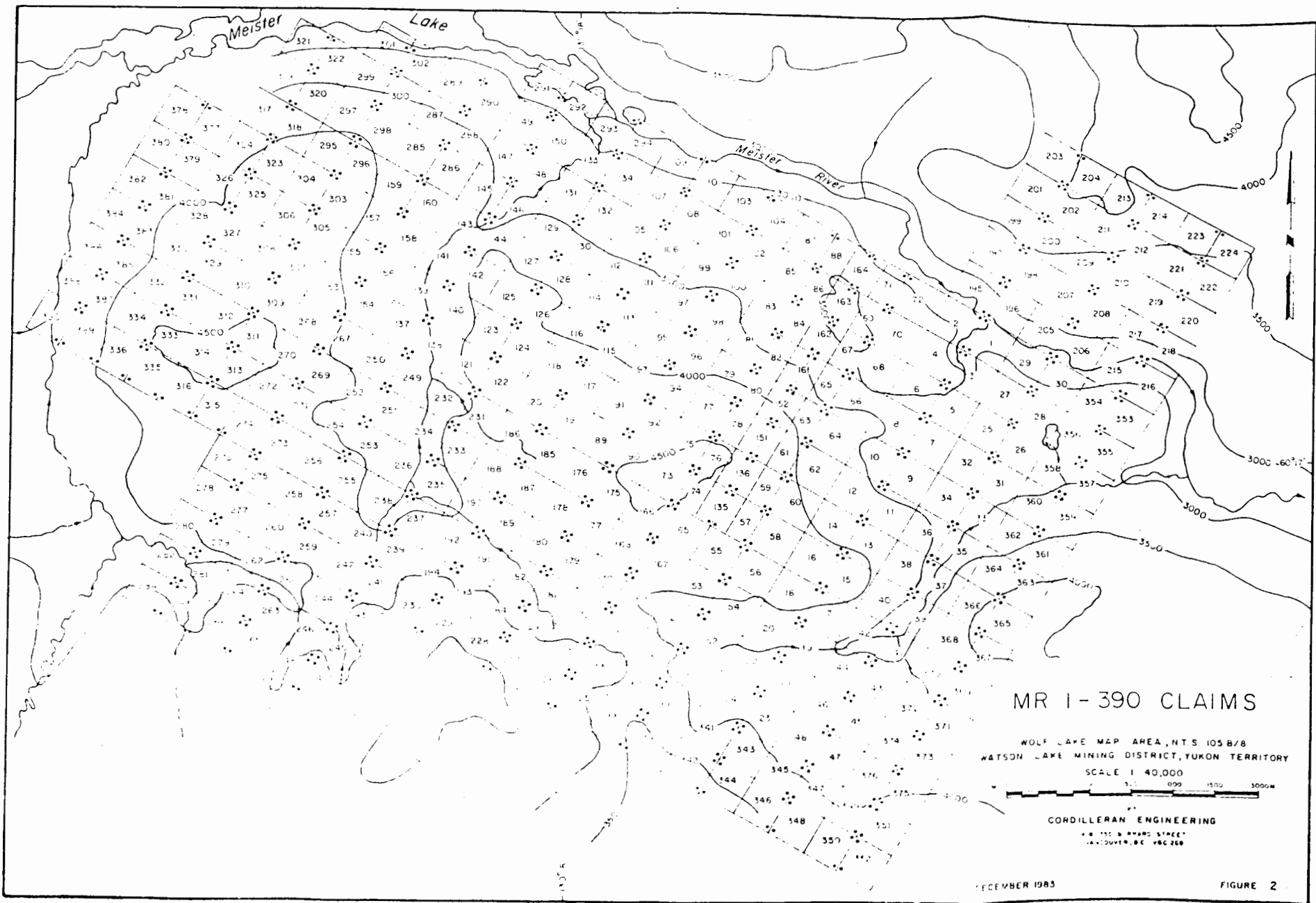


FIGURE 2

(1) Introduction

An Induced Polarization and Resistivity survey has been completed on the Meister Property, Watson Lake Mining District, Yukon on behalf of Cordilleran Engineering Limited.

The property is located approximately 100 kilometers west of Watson Lake, Yukon and is accessed by helicopter from the Alaska Highway, a distance of approximately 15 kilometers.

The following geological description has been provided by Cordilleran Engineering Ltd.

"The MR property is located in metamorphosed autochthonous strata of the Omineca 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 kilometers (1.0 mile) north of the claim group. Pleistocene to Recent 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."

The objective of the survey was to detect metallic mineralization.

For the first part of the survey a Phoenix Model IPV-1 Induced Polarization (IP) and Resistivity Receiver Unit was used in conjunction with a Phoenix Model IPT-1 IP and Resistivity Transmitter powered by 2 kw motor generator. IP effect is recorded directly as Percent Frequency Effect (PFE) at the transmitted frequencies of 4.0 Hz and 0.25 Hz. Apparent resistivity values are normalized in units of ohm-meters. Metal factor values are calculated according to the following formula:

$M.F. = (P.F.E. \times 1000) / \text{App. Res.}$ This was followed by a more detailed Phase Induced Polarization and Resistivity Survey which made use of a Phoenix Model IPV-2 Receiver Unit in conjunction with the above-mentioned transmitter and generator set. In this case, the IP effect is measured directly as milliradians of phase shift between the transmitter current and the receiver voltage. The operating frequencies used were 9.0, 3.0, 1.0, 0.33 and 0.11 Hz. Again, the apparent resistivity values are normalized in units of ohm-meters.

The Phase IP coverage was completed in order to better determine which IP responses are more likely to be caused by metallic sulphides as opposed to those due to graphite.

Dipole-dipole array was utilized to make all of the measurements. An inter-electrode spacing of 100 meters was used during the initial part of the survey and 50 meter spacing was used in the Phase IP work. Four dipole separations were measured in all cases. The total distance surveyed was 27.9 line kilometers.

The IP and Resistivity field work was carried out between June 27, 1984 and July 14, 1984, under the supervision of Mr. John Marsh, geophysical crew leader. His certificate of qualifications is included with this report.

(2) Description of Claims

The Meister property consists of the following claims:

CLAIM NAME	RECORD NO.	RECORD DATE
MR 1-134	YA66451-YA66584	31 December 1990
MR 135,136	YA66797, YA66798	31 December 1990
MR 137-150	YA66587-YA66600	31 December 1990
MR 151,152	YA66799-YA66800	31 December 1990
MR 153-160	YA66603-YA66610	31 December 1990

MR 161-164	YA66801-YA66804	31 December 1990
MR 165-230	YA67385-YA67450	31 December 1989
MR 231-376	YA69414-YA69559	26 January 1989
MR 377-390	YA70394-YA70407	31 December 1986

(3) **Presentation of Data**

The IP and Resistivity results are shown on the following data plots in the psuedo-section format:

LINE TYPE	ELECTRODE INTERVAL	DWG. NO.
5600 E	100 meters	I.P.-5860-1
5800 E	100 meters	I.P.-5860-2
6400 E	100 meters	I.P.-5860-3
6600 E	100 meters	I.P.-5860-4
7000 E	100 meters	I.P.-5860-5
7200 E	100 meters	I.P.-5860-6
7400 E	100 meters	I.P.-5860-7
7800 E	100 meters	I.P.-5860-8
6400 N	100 meters	I.P.-5860-9
6200 N	100 meters	I.P.-5860-10
6000 N	100 meters	I.P.-5860-11
6200 N	50 meters	I.P.-5860-12
6200 N	50 meters	I.P.-5860-13
5800 E	50 meters	I.P.-5860-14
6000 E	50 meters	I.P.-5860-15
6600 E	50 meters	I.P.-5860-16
6800 E	50 meters	I.P.-5860-17
7000 E	50 meters	I.P.-5860-18
7400 E	50 meters	I.P.-5860-19

Also enclosed with this report are Dwg. Nos. I.P.P.-B-4135, and I.P.P.-B-

4136, plan maps of the Meister property grids at scales of 1:2500, and 1:5000 respectively. The definite, probable and possible Induced Polarization anomalies are indicated by bars, in the manner shown on the legend, on these plan maps as well as on the data plots. These bars represent the surface projections of the anomalous zones as interpreted from the location of the transmitter and receiver electrodes when the anomalous values were measured.

Since the Induced Polarization measurement is essentially an averaging process, as are all potential methods, it is frequently difficult to exactly pinpoint the source of an anomaly. Certainly, no anomaly can be located with more accuracy than the electrode interval length; i.e., when using 50 meter electrode intervals the position of a narrow sulphide body can only be determined to lie between two stations 50 meters apart. In order to definitely locate, and fully evaluate, a narrow, shallow source, it is necessary to use shorter electrode intervals. In order to locate sources at some depth, larger electrode intervals must be used, with a corresponding increase in the uncertainties of location. Therefore, while the center of the indicated anomaly probably corresponds fairly well with the source, the length of the indicated anomaly along the line should not be taken to represent the exact edges of the anomalous material.

The topographic, geologic, claim and grid information shown on Dwg. Nos. I.P.P.-B-4135, and I.P.P.-B-4136 has been taken from maps made available by the staff of Cordilleran Engineering Limited.

(4) **Discussion of Results**

Two separate grid areas were surveyed on the Meister Property using the IP and Resistivity method. Each was first evaluated using 100 meter dipole lengths, and the dual frequency IP method. Many anomalous zones were then re-surveyed using the Phase IP method and 50 meter dipoles.

Research work by Dr. W. Pelton of Phoenix Geophysics has indicated that the Phase IP technique can be used to differentiate between metallic sulphides, and

graphite on the basis of varying spectral IP response. Dr. Pelton has found that graphite exhibits long time constant IP voltage decays as opposed to metallic sulphides. This effect is manifested in the Phase IP results as phase angle values that decrease as frequency is increased in the case of graphite, while phase angles tend to increase directly with increasing frequency in the case of sulphides, with the exception of pyrrhotite. This mineral displays spectral IP properties similar to graphite due to its well connected mineral texture.

i) East Grid

Three anomalous zones are outlined by the IP and Resistivity data recorded on this grid area. Each trend is discussed separately below.

Zone A

The source of this geophysical zone is indicated to be less than 200 meters in width, and extends well within 50 meters of the surface. It is characterized by very anomalous IP effects coincident with quite conductive apparent resistivity values.

Phase angle readings generally decrease as the frequency is increased, suggesting the source is largely graphitic in nature.

The zone is open towards the north and the south.

Zone B

This zone is seen in the data collected near the eastern ends of the grid lines. The more detailed Phase IP data recorded over the zone on Line 62+00N points to a source which is buried 50 meters or more sub-surface, and is approximately 100 meters in width. The apparent phase angle spectra is almost constant over the entire frequency range, which could indicate that a number of different

minerals are causing the anomalous IP effects. Alternatively, the dilution effects caused by the relatively large burial depth are obscuring a graphite type spectral response.

Zone C

A single anomaly recorded by the 50 meter data on the extreme eastern end of Line 62+00N constitutes Zone C. It is difficult to comment on the electrical properties of the source as only the western margin of the target is outlined; however, a source similar to that giving rise to Zone B may be present.

ii) South Grid

Five separate anomalous zones are interpreted in the data recorded on this grid area. Each feature is discussed below.

Zone D

This zone is outlined on the northern end of Line 66+00E through to the northern end of Line 78+00E and beyond. With the exception of Line 72+00E the northern margin of the anomalous response is undefined. Generally a quite polarizable and conductive source is interpreted in the data recorded using 100 meter dipole lengths. Depth to the top of the causative source is indicated to be less than 100 meters in the western part of the zone, while somewhat greater burial depths are possible in the vicinity of the eastern part.

Detail IP and Resistivity work using Phase IP has not been carried out any where along the trend.

Zone E

Well defined patterns of lower than background apparent resistivity values, together with lower magnitude IP readings compose Zone E, which is seen on only two lines, Line 70+00E and Line 72+00E. No detail IP surveying has been completed over the zone, the source of which lies approximately 100 meters sub-surface.

Zone F

The eastern end of this zone displays the most anomalous IP and Resistivity results, with a relatively narrow (less than 100 meters wide) and shallow (less than 100 meters deep) source indicated to be present.

This zone is further evaluated in the area of Line 70+00E using Phase IP and 50 meter dipoles. At this point only moderately anomalous IP effects are noted, coincident with relatively high apparent resistivity measurements. The phase spectra is largely constant throughout the frequency range. Disseminated polarizable material composed of variable grain sizes could be the cause of such a response.

Zone G

Results obtained over Zone G are the most encouraging detected by the present survey, particularly in the vicinity of the western part of the zone. A moderately conductive, high polarizable source is interpreted to exist under Line 58+00E, in the area of Station 3250N. The Phase IP spectra appears to be increasing directly with increasing frequency, which would suggest a sulphide source. Depth to the top of the target is less than 50 meters.

The eastern end of Zone G has also been detailed using 50 meter dipole lengths and 5 frequency Phase IP measurements. In general, metallic sulphides are interpreted to be the primary cause of this portion of the Zone G response as well.

Zone H

The data collected using 100 meter dipole lengths indicates a very polarizable and quite conductive source striking across the southern end of Line 66+00E beyond to the southern end of Line 78+00E.

Phase IP data recorded over the feature on Line 66+00E reveals the presence of two separate targets with the most southerly one being the most anomalous. However, the Phase spectra suggests the northern target may be more sulphide rich.

(5) Summary and Recommendations

Eight zones of anomalous IP and Resistivity results are interpreted in the data from the East Grid and the South Grid of the Meister Property, Watson Lake Mining District, Yukon. Six of the above trends have also been evaluated using the Phase IP and Resistivity technique, to allow a more accurate assessment of the nature of the sources of the various IP zones.

Zone G is probably caused by metallic sulphides and drilling is warranted. A drill hole spotted so as to pass approximately 75 meters beneath Line 58+00E, Station 3250N is recommended on a first priority basis. A second priority hole should be collared to pass approximately 100 meters below Line 70+00E, Station 2850N.

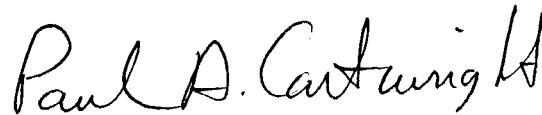
Zone A, Zone B, and the southern margin of Zone H display Phase IP signatures associated with graphitic sources.

Zone A, Zone B, and the southern margin of Zone H display Phase IP signatures associated with graphitic sources.

Zone C, Zone D, and Zone H require additional reconnaissance surveying to more fully define the extents of the zones, followed by selective Phase IP evaluation.

Zone E, and Zone F should be re-measured using Phase IP in the vicinity of Line 72+00E before drilling is considered.

PHOENIX GEOPHYSICS LIMITED



Paul A. Cartwright, B.Sc.
Geophysicist



Michael J. Cormier, B.Sc.
Geophysicist.

Dated: 21 December 1984

ASSESSMENT DETAILS

Property: Meister

Sponsor: Cordilleran Engineering Ltd.

Location: Southern Yukon

Type of Survey: Induced Polarization and Resistivity

Operating Man Days: 59.5 **Date Started:** 27 June 1984

Equivalent 8 hr. Days: 74.25 **Date Finished:** 14 July 1984

Consulting Man Days: 5 **Number of Stations:** 367

Drafting Man Days: 5.25 **Number of Readings:** 3447

Total Man Days: 84.5 **Kilometers of Line Surveyed:** 27.9

Consultants:

Paul A. Cartwright, 4238 W. 11th Avenue, Vancouver, B.C.
Michael J. Cormier, 1842 W. 5th Avenue, Vancouver, B.C.

Field Technicians:

J. Marsh, 200 Yorkland Blvd., Willowdale, Ontario
G. Richardson, 4161 Crown Crescent, Vancouver, B.C.
M. Makulovich, 669 Valdes Drive, Kamloops, B.C.

Draftsman:

R. Norris, 200 Yorkland Blvd., Willowdale, Ontario.

PHOENIX GEOPHYSICS LTD.



Paul A. Cartwright, B.Sc.
Geophysicist

Dated: 21 December 1984.

STATEMENT OF COST

Cordilleran Engineering Limited

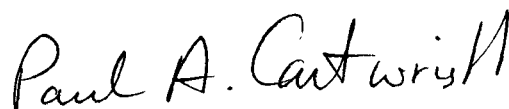
IP and Resistivity Survey - Meister Property, Yukon

Crew: J. Marsh, G. Richardson, M. Makulowich

Period: June 27, 1984 to July 14, 1984

16 1/2 Operating Days @ \$895.00	\$ 14,767.50
1 Bad Weather Days @ \$545.00	545.00
1/2 Standby @ \$545.00	272.50
Expenses: Pro-rated Mobilization-Demobilization	1,296.67
Less credit for inoperable Mag. 5 days @ \$20.00	(100.00)
TOTAL:	<u>\$ 16,781.67</u> =====

PHOENIX GEOPHYSICS LTD.



Paul A. Cartwright, B.Sc.
Geophysicist.

Dated: 21 December 1984.

CERTIFICATE

I, Paul A. Cartwright, of the City of Vancouver, Province of British Columbia, do hereby certify:

1. I am a geophysicist residing at 4238 W. 11th Avenue, Vancouver, B.C.
2. I am a graduate of the University of British Columbia, with a B.Sc. Degree (1970).
3. I am a member of the Society of Exploration Geophysicists, the European Association of Exploration Geophysicists and the Canadian Society of Exploration Geophysicists.
4. I have been practising my profession for 14 years.
5. I am a Professional Geophysicist licensed in the Province of Alberta.
6. I have no direct or indirect interest, nor do I expect to receive any interest, directly or indirectly, in the property or securities of Cordilleran Engineering Limited, Regional Resources Ltd. or Getty Canadian Metals Ltd., or any affiliates.
7. The statements made in this report are based on a study of published geological literature and unpublished reports.
8. Permission is granted to use in whole or in part for assessment and qualification requirements but not for advertising purposes.

DATED AT VANCOUVER, B.C. this 21th day of December, 1984.




Paul A. Cartwright
Paul A. Cartwright, B.Sc.

CERTIFICATE

I, Michael J. Cormier, of the City of Vancouver, Province of British Columbia, do hereby certify that:

1. I am a geophysicist residing at 1842 West 5th Avenue, Vancouver, British Columbia.
2. I am a graduate of McGill University, Montreal, Quebec with a B.Sc. Degree (1981).
3. I have been practising my profession for 3 years.
4. I have no direct or indirect interest, nor do I expect to receive any interest, directly or indirectly, in the property or securities of Cordilleran Engineering Limited, Regional Resources Ltd., or Getty Canadian Metals Limited, or any affiliates.
5. The statements made in this report are based on a study of published geological literature and unpublished private reports.
6. Permission is granted to use in whole or in part, for assessment and qualification requirements, but not for advertising purposes.

DATED at Vancouver, B.C. this 21st day of December, 1984.


Michael J. Cormier, B.Sc.

CERTIFICATE

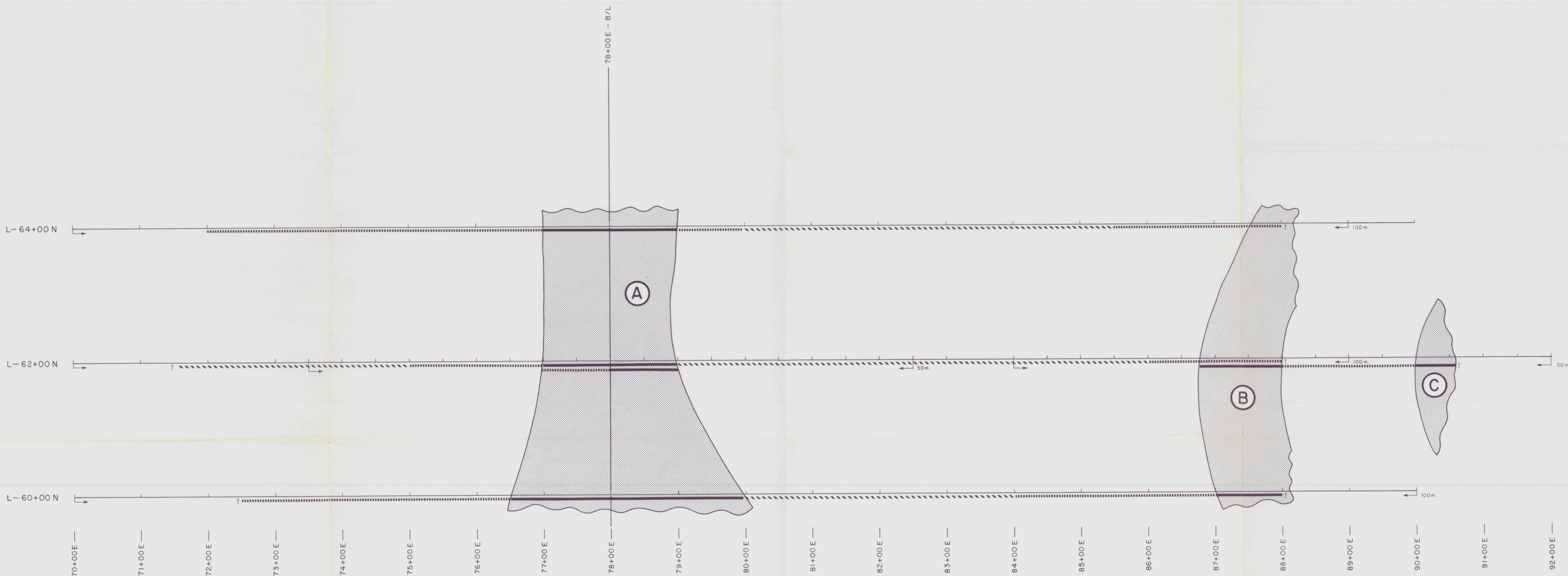
I, John Marsh, of the municipality of North York, Ontario, do hereby certify that:

1. I am a geophysical crew leader residing at 200 Yorkland Blvd., Willowdale, Ontario.
2. I am a graduate of the City of Norwich Technical College, U.K., ordinary National Certificate (Electrical Engineering).
3. I worked with McPhar Geophysics Company from 1968 to 1975 as a geophysical crew leader.
4. I am presently employed as a geophysical crew leader by Phoenix Geophysics Limited of 214-744 West Hastings Street, Vancouver, B.C.

DATED at Vancouver, B.C. this 21st day of December, 1984.

John Marsh
John Marsh

Per
PAC

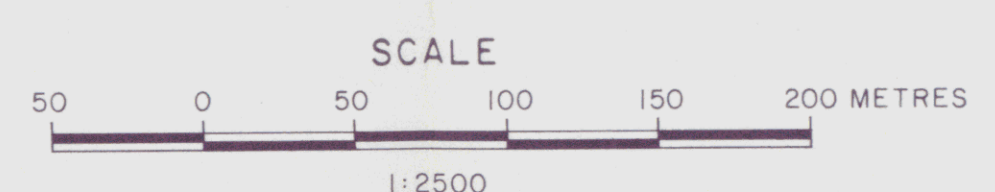


NOTE: TO ACCOMPANY GEOPHYSICAL REPORT FOR
 CORDILLERAN ENGINEERING LTD. ON THE
 MEISTER PROPERTY, WATSON LAKE M.D.,
 YUKON, by PAUL A. CARTWRIGHT B.Sc., GEOPHYSICIST
 and MICHAEL J. CORMIER B.Sc., GEOPHYSICIST.
 DATED - DEC. 21, 1984

SURFACE PROJECTION
 OF ANOMALOUS ZONE
 DEFINITE ———
 PROBABLE - - - - -
 POSSIBLE - - - - -
 NUMBER AT END OF ANOMALIES
 INDICATE SPREAD USED.

CENTER OF ANOMALOUS ZONE — [Symbol]
 EXTENT OF IP SURVEY
 COVERAGE
 [Symbol] 50m
 [Symbol] 100m

CORDILLERAN ENGINEERING LTD.
 MEISTER PROPERTY (EAST ZONE)
 WATSON LAKE M.D., YUKON



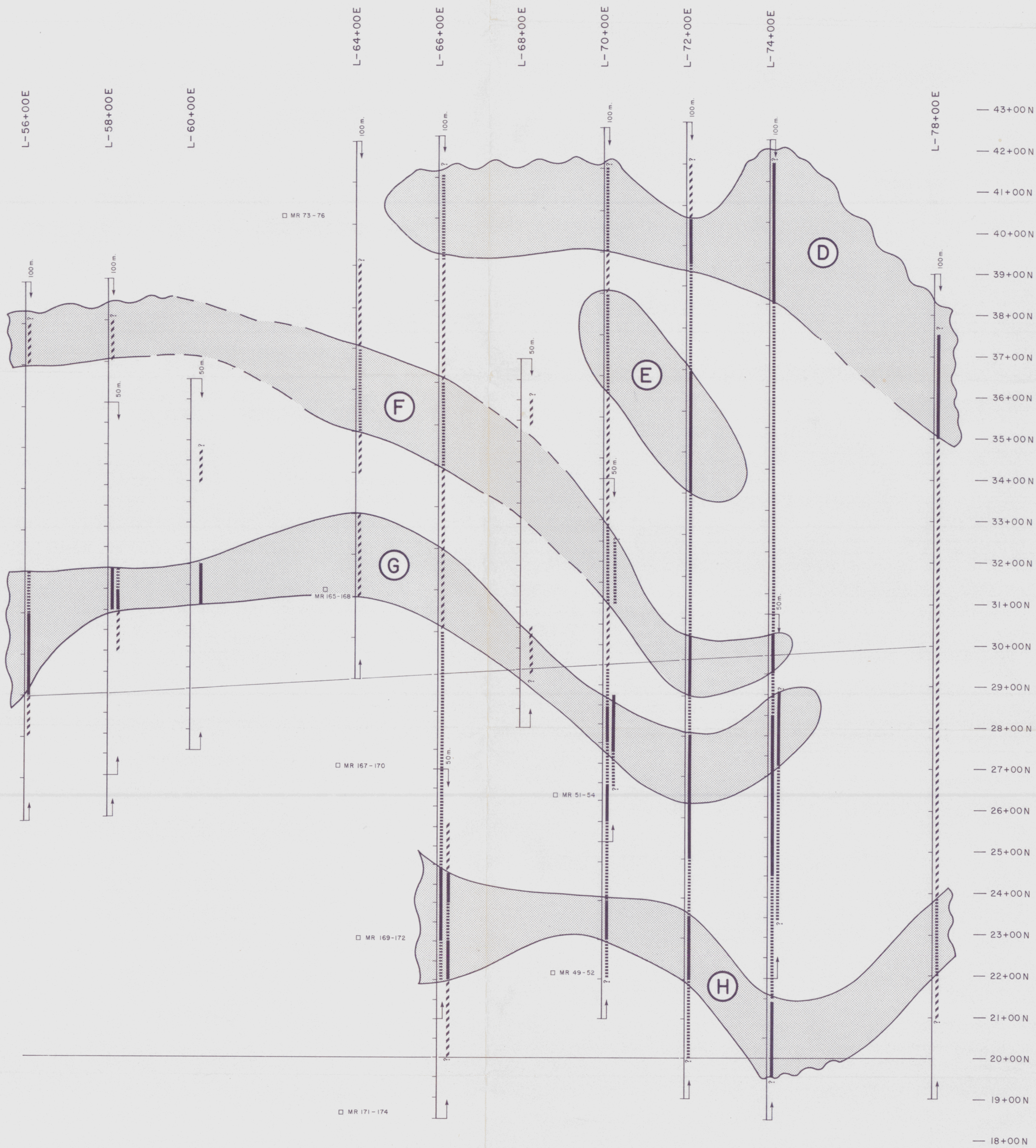
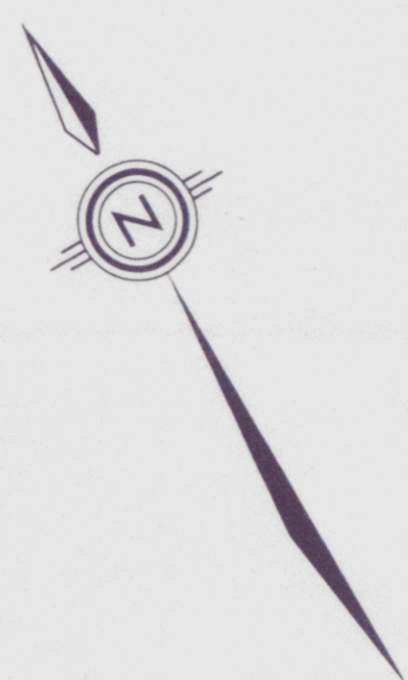
[Symbol] PICKETTED CUT LINE

DRAWN: R.C.N.
 DATE: AUG. 1984
 APPROVED: [Signature]
 DATE: Dec 21/84
 09 16 14

PHOENIX GEOPHYSICS LIMITED

INDUCED POLARIZATION AND RESISTIVITY SURVEY

PLAN MAP



NOTE: TO ACCOMPANY GEOPHYSICAL REPORT FOR CORDILLERAN ENGINEERING LTD. ON THE MEISTER PROPERTY, WATSON LAKE M.D., YUKON, by PAUL A. CARTWRIGHT B.Sc., GEOPHYSICIST and MICHAEL J. CORMIER B.Sc., GEOPHYSICIST. DATED - DEC 21, 1984

SURFACE PROJECTION OF ANOMALOUS ZONE
 DEFINITE
 PROBABLE
 POSSIBLE
 NUMBER AT END OF ANOMALIES INDICATE SPREAD USED.

CENTER OF ANOMALOUS ZONE
 EXTENT OF IP SURVEY COVERAGE
 50m
 100m

CORDILLERAN ENGINEERING LTD.
 MEISTER PROPERTY (SOUTH ZONE)
 WATSON LAKE M.D., YUKON
 SCALE
 500 METRES
 1:5000

NOTE - LINE 30+00N is datum for Surveys north of baseline (30+00N)

PICKETTED CUT LINE
 CLAIM POST

DRAWN: R.C.N.
 DATE: AUG. 1984
 APPROVED:

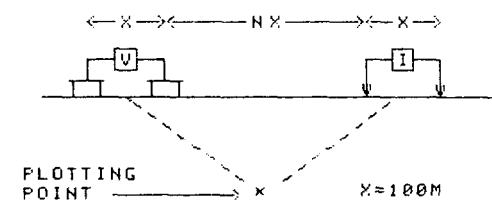
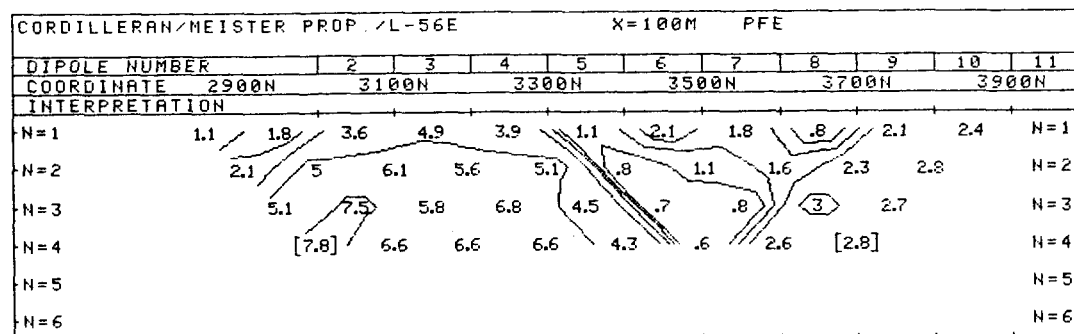
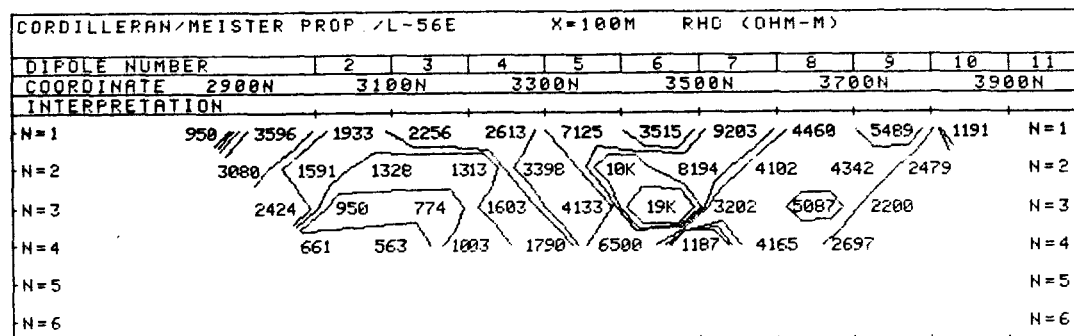
DATE: DEC 21/84
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CORDILLERAN ENGINEERING LTD

MEISTER PROPERTY

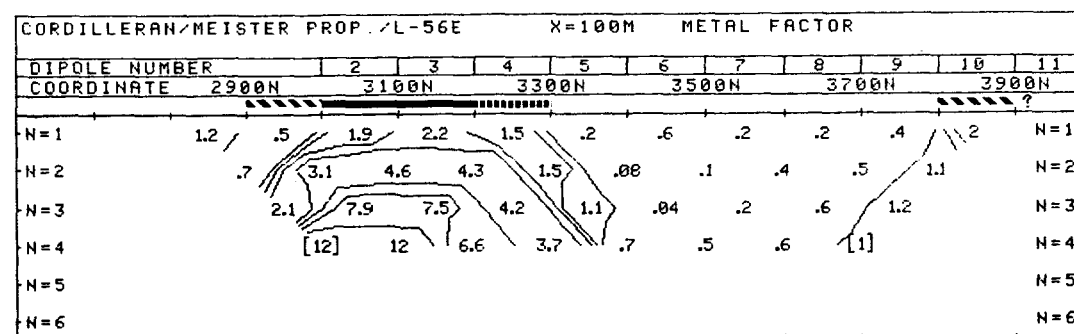
WATSON LAKE MINING DISTRICT / YUKON

LINE NO. -56+00E



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE 
 PROBABLE 
 POSSIBLE 



FREQUENCY (HERTZ)
0.25 & 4.0 HZ.

DATE SURVEYED: JUNE 1984
APPROVED

NOTE- CONTOURS
AT LOGARITHMIC
INTERVALS: 1, -1.5
-2, -3, -5, -7.5, -10

MJC
DATE Dec. 03/84

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION AND RESISTIVITY SURVEY

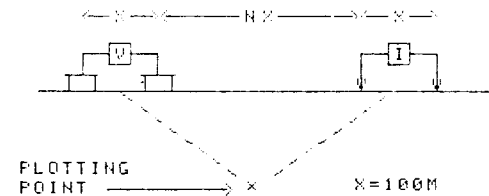
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N=5														N=5	
N=6														N=6	

CORDILLERAN ENGINEERING LTD.

MEISTER PROPERTY
WATSON LAKE MINING DISTRICT - YUKON

LINE NO. -58+00E

CORDILLERAN/MEISTER PROP. /L-58E												X=100M		PFE	
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INTERPRETATION															
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N=2	2	1.8	3	8.5	9.1	1.6	1.3	1.1	1.6	1.6				N=2	
N=3	1.6	2.8	8.1	6.6	9.1	1.8	1.6	1.6	1.6	2				N=3	
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N=5														N=5	
N=6														N=6	



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE 
 PROBABLE 
 POSSIBLE 

CORDILLERAN/MEISTER PROP. /L-58E												X=100M		METAL FACTOR	
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11					
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INTERPRETATION															
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N=4	1.7	17	20	[30]	20	.7	.3	1.1						N=4	
N=5														N=5	
N=6														N=6	

FREQUENCY (HERTZ)
0.25 & 4.0 HZ.

DATE SURVEYED: JUNE 1984
APPROVED

NOTE - CONTOURS
AT LOGARITHMIC
INTERVALS 1, -1.5
-2, -3, -5, -7.5, -10

MJC
DATE 6/21/84

PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION AND RESISTIVITY SURVEY

CORDILLERAN/MEISTER PROP. /L-64E												X=100M		PHI (OHM-M)	
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11					
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INTERPRETATION															
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N=2	1397	1093	1510	1631	1358	1354	1029	1138	2306	3482		N=2			
N=3	2235	2093	1591	803	2146	1750	1125	1212	3270			N=3			
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N=5												N=5			
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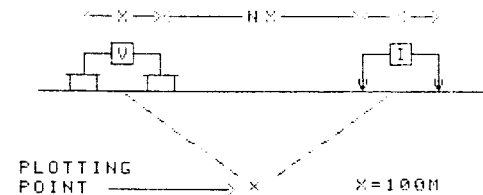
CORDILLERAN ENGINEERING LTD

MEISTER PROPERTY



WATSON LAKE MINING DISTRICT, YUKON

LINE NO. -64+00E

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INTERPRETATION															
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N=3	1.6	.9	1.7	2.9	2.6	3.5	2.6	2.1	1.6			N=3			
N=4	1.6	2	2.8	2.8	3.6	3.6	3.1	2.6				N=4			
N=5												N=5			
N=6												N=6			



SURFACE PROJECTION OF ANOMALOUS ZONE

DEFINITE 
 PROBABLE 
 POSSIBLE 

CORDILLERAN/MEISTER PROP. /L-64E												X=100M		METAL FACTOR	
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11					
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INTERPRETATION															
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N=2	.6	1.5	.7	.8	1.5	1.7	2.5	1.3	.7	.4		N=2			
N=3	.7	.4	1.1	3.6	1.2	2	2.3	1.7	.5			N=3			
N=4	.6	1	3.1	2.1	1.4	2.1	2.6	1.6				N=4			
N=5												N=5			
N=6												N=6			

FREQUENCY (HERTZ)
 0.25 & 4.0 HZ

DATE SURVEYED: JUNE 1984
 APPROVED

NOTE - CONTOURS
 AT LOGARITHMIC
 INTERVALS: 1, -1.5,
 -2, -3, -5, -7.5, -10

DATE

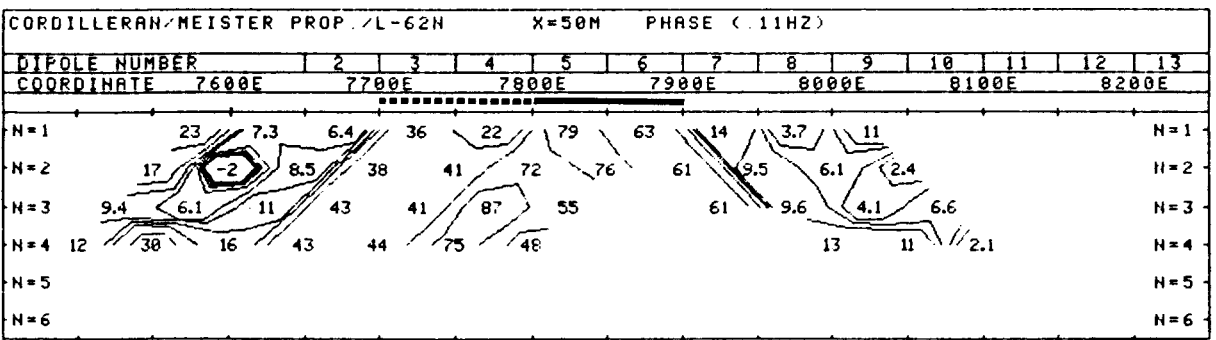
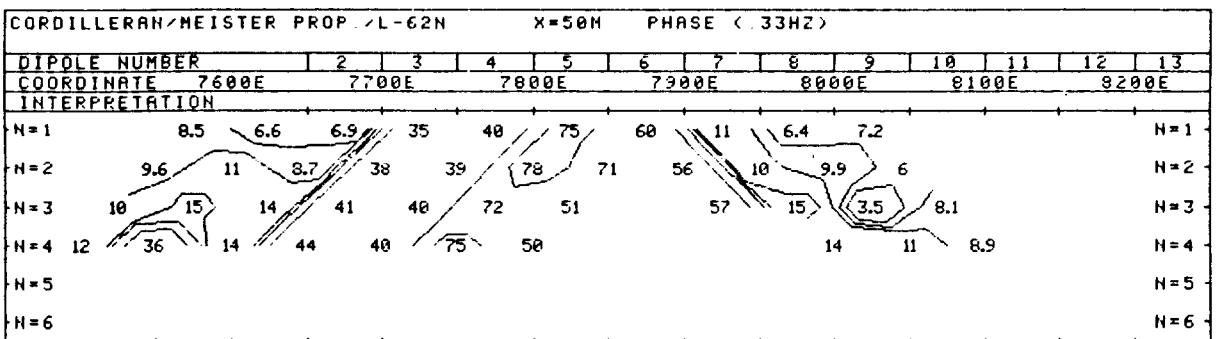
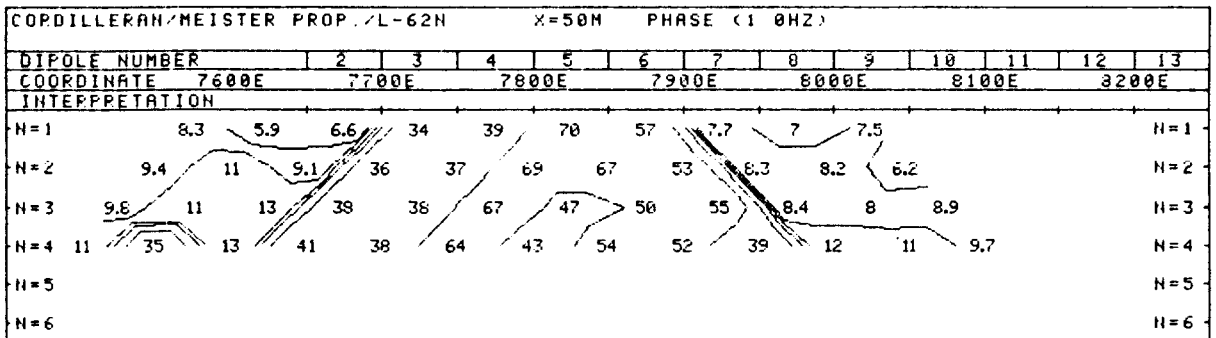
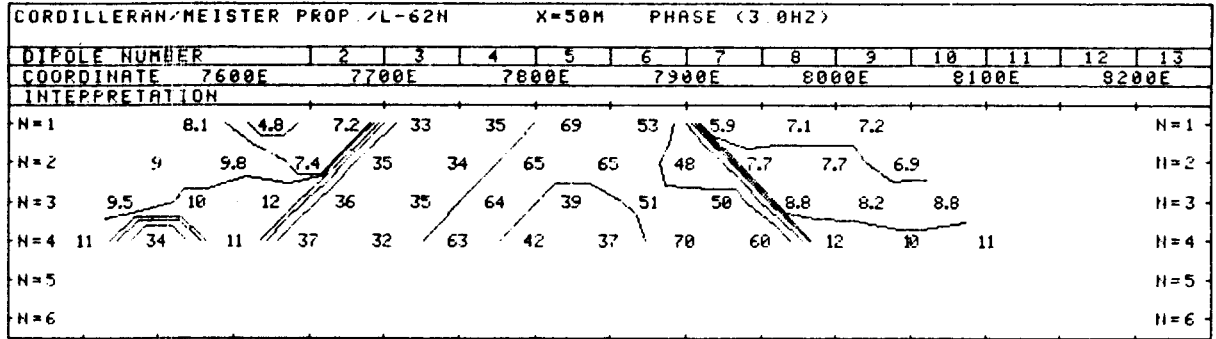
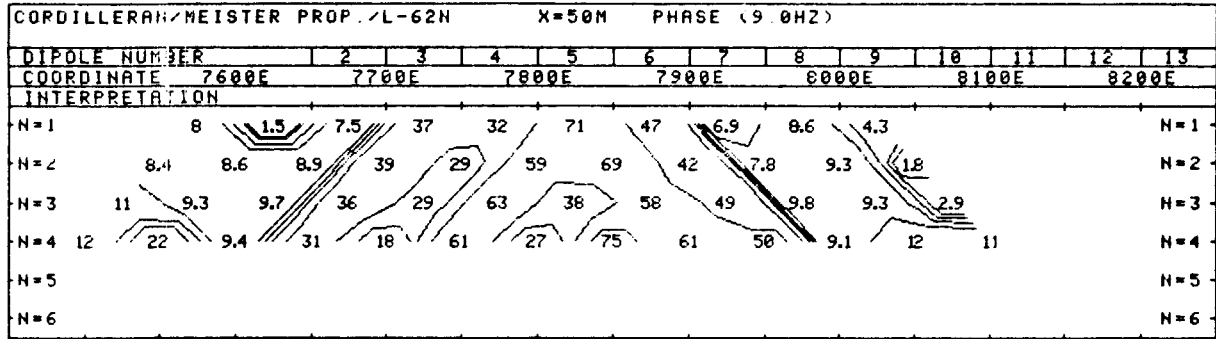
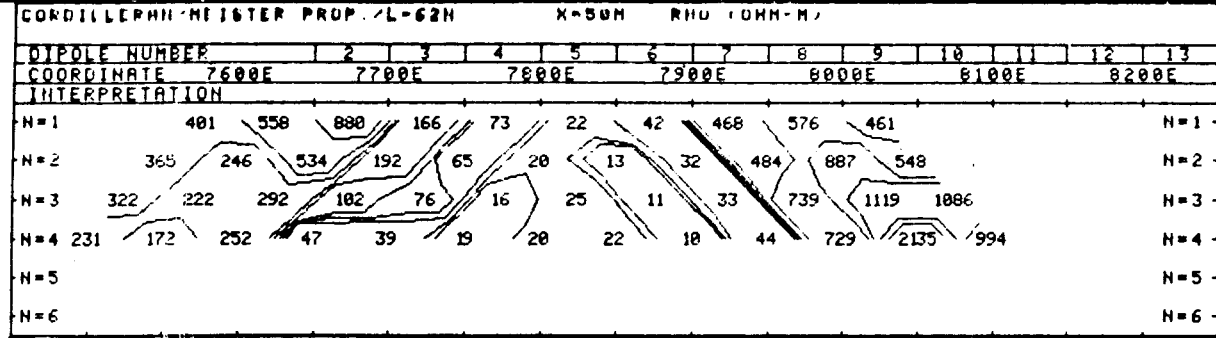
PHOENIX GEOPHYSICS LTD.

INDUCED POLARIZATION AND RESISTIVITY SURVEY

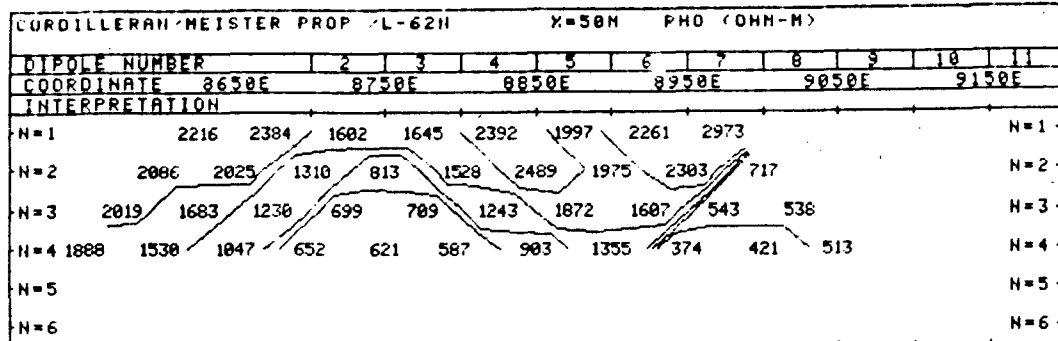
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INTERPRETATION																									
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N=5																						N=5			
N=6																						N=6			

CORDILLERAN/MEISTER PROP. L-74E																						X=100M		PFE	
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22				
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INTERPRETATION																									
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N=3	4.6	4.6	4.1	3.5	4.3	5.5	7.4	6.4	6.9	10	11	7.6	8.6	9	10	3.1	8	11	12	12	N=3				
N=4	5.1	5.3	4	3.1	4.1	6.5	7.1	7.5	7.8	11	9.1	8	8.5	9.3	8.3	7.1	12	11	[12]	N=4					
N=5																						N=5			
N=6																						N=6			

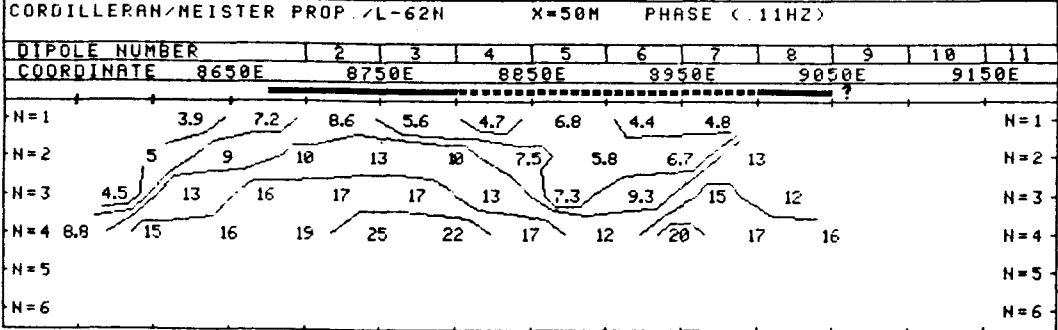
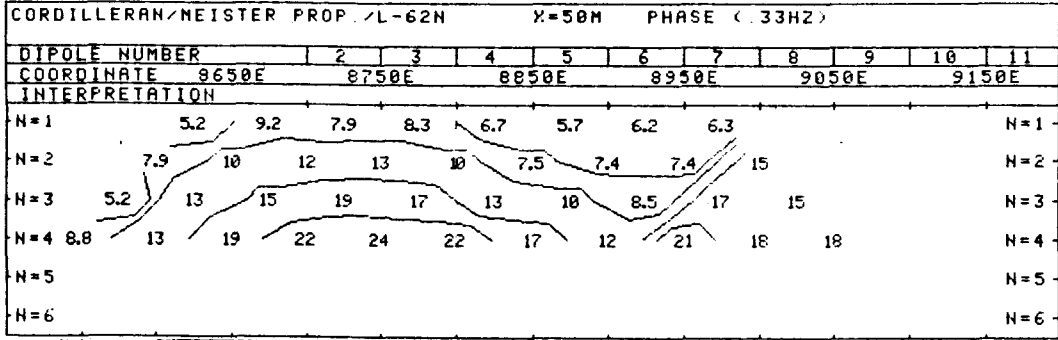
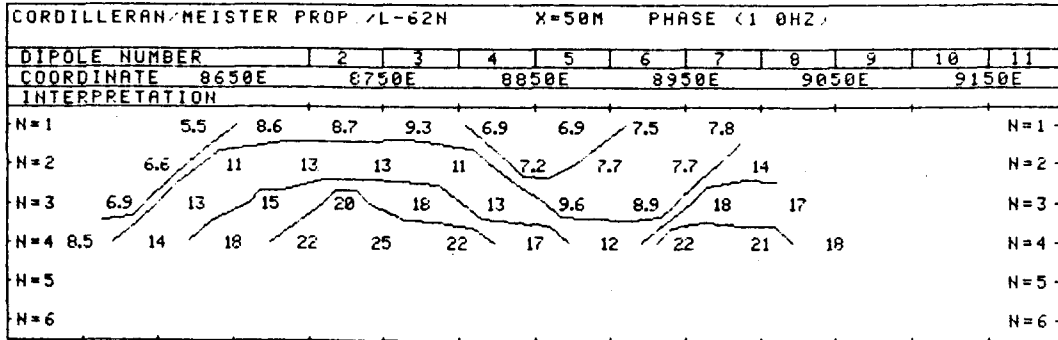
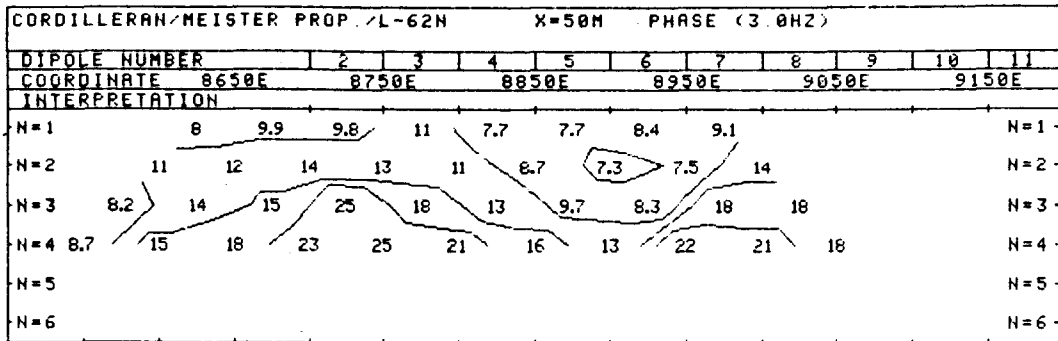
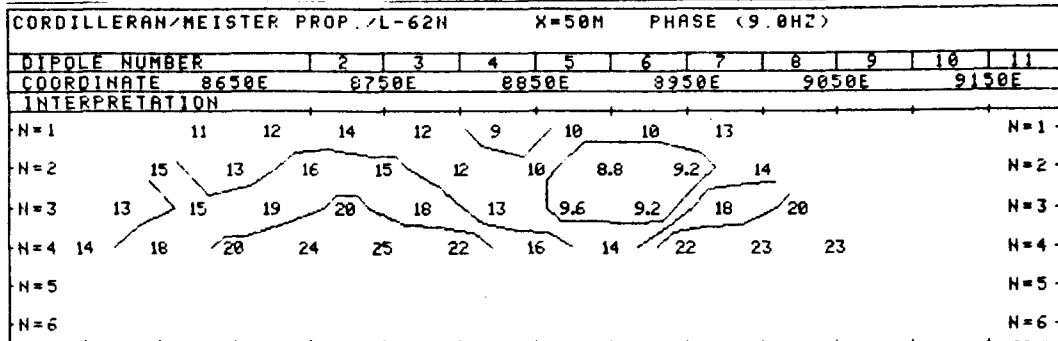
CORDILLERAN/MEISTER PROP. L-74E																						X=100M		METAL FACTOR	
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22				
COORDINATE	2050N	2250N	2450N	2650N	2850N	3050N	3250N	3450N	3650N	3850N	4050N														
INTERPRETATION																									
N=1	16	21	3.7	12	14	12	16	19	28	40	58	22	26	25	23	17	15	12	15	15	37	87	N=1		
N=2	22	21	14	18	25	36	36	38	30	66	47	23	21	20	23	20	16	18	49	81	56	N=2			
N=3	22	22	19	26	49	79	78	36	52	60	55	16	17	19	26	17	23	60	128	247	N=3				
N=4	36	34	31	44	77	106	75	56	57	73	37	13	17	21	21	22	84	[135]	[290]	N=4					
N=5																						N=5			
N=6																						N=6			



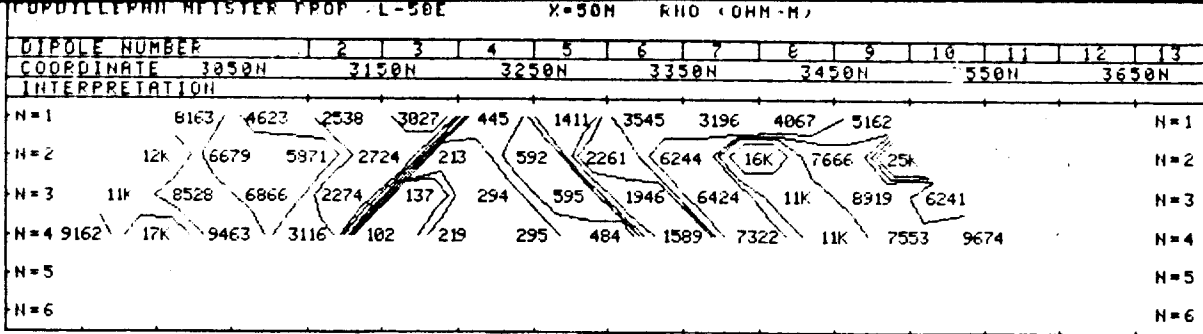
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Dec. 03
1984



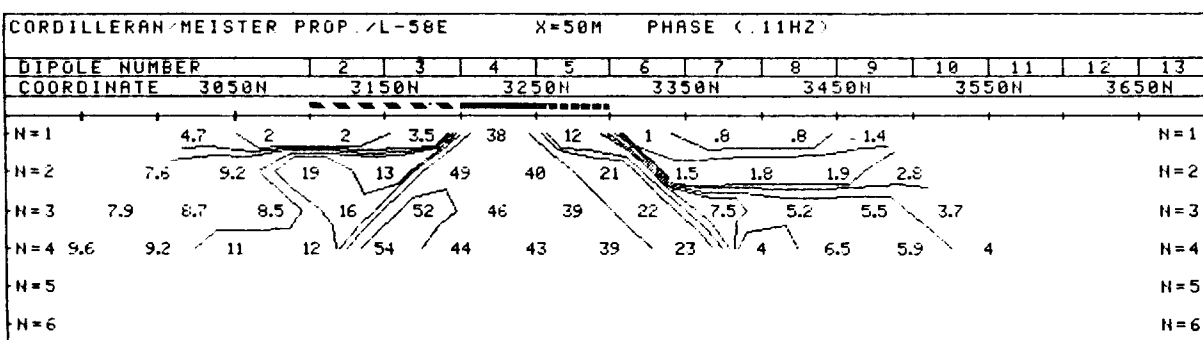
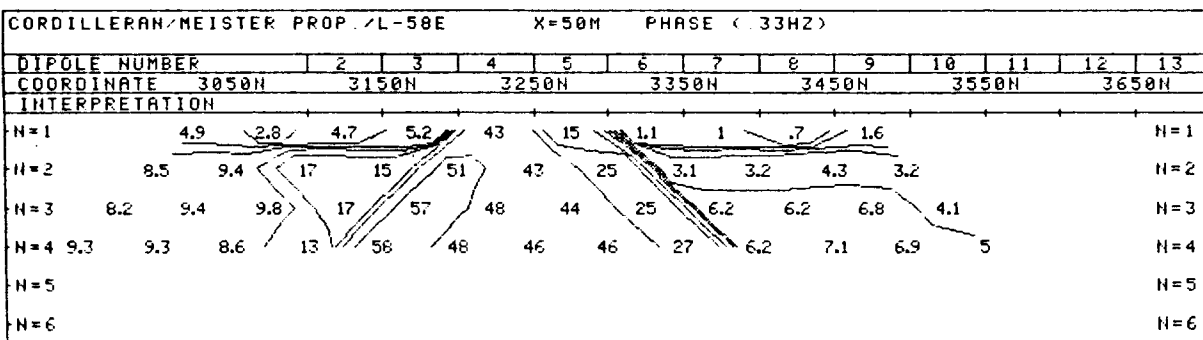
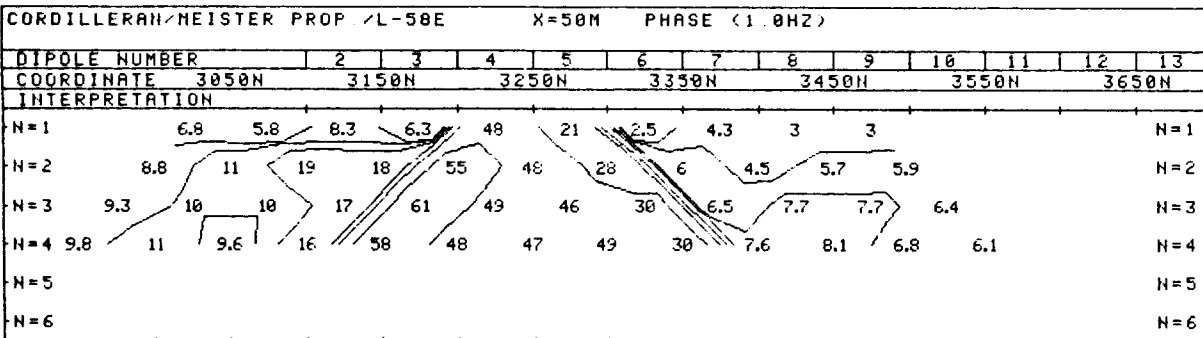
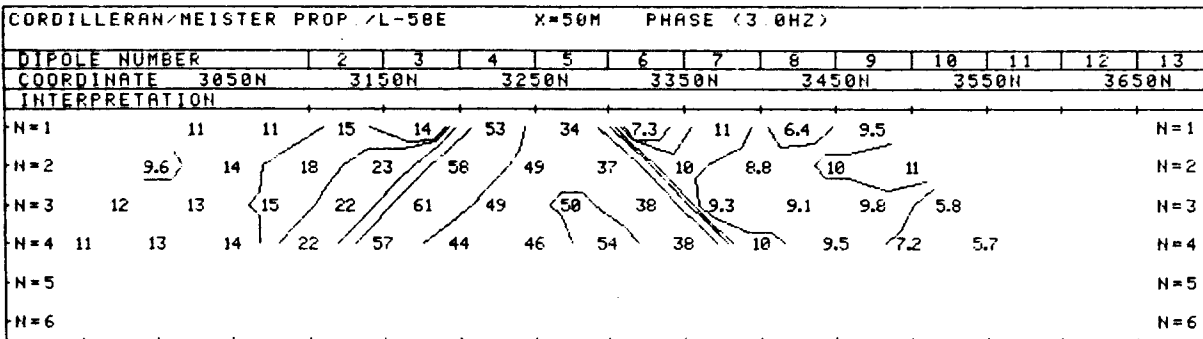
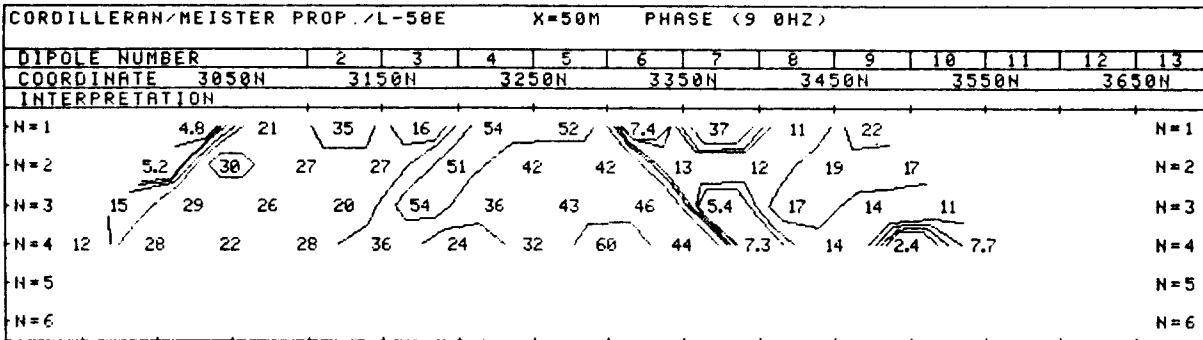
Dwg. No. I.P.-5860-13



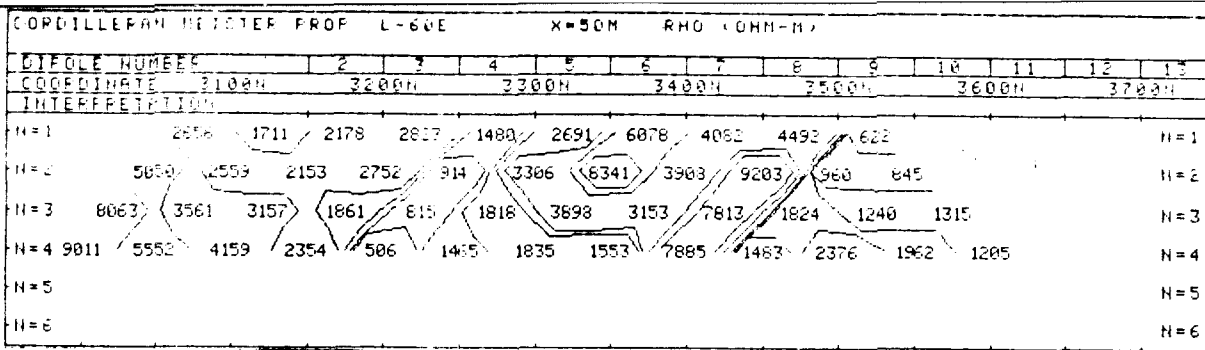
MJC.
DEC. 03
84



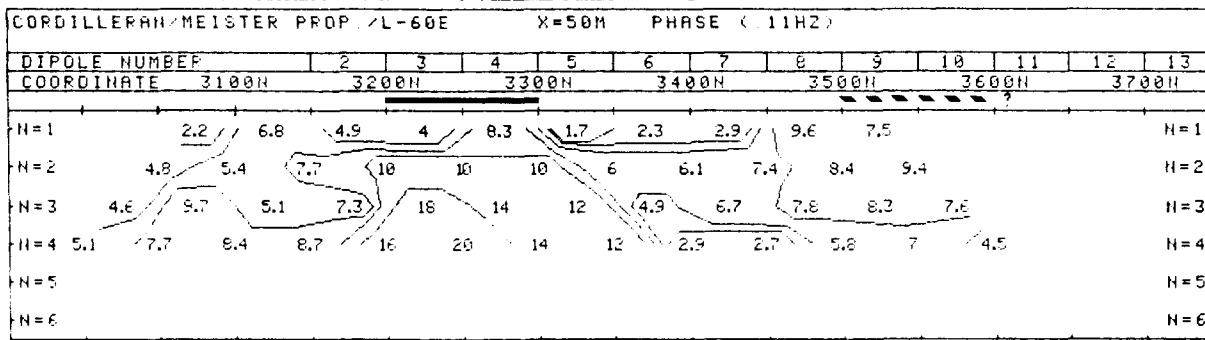
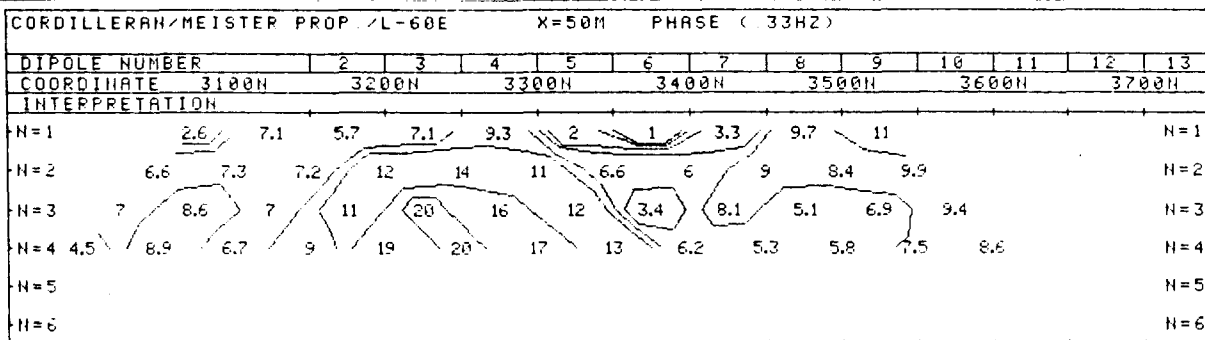
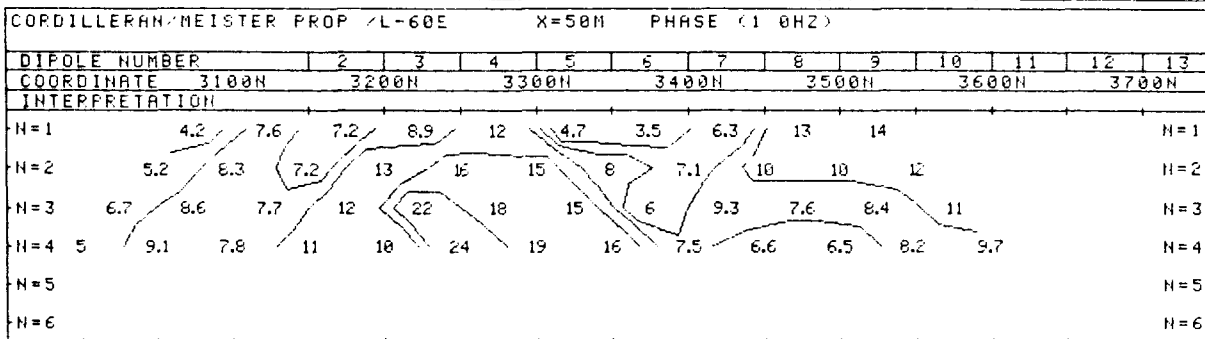
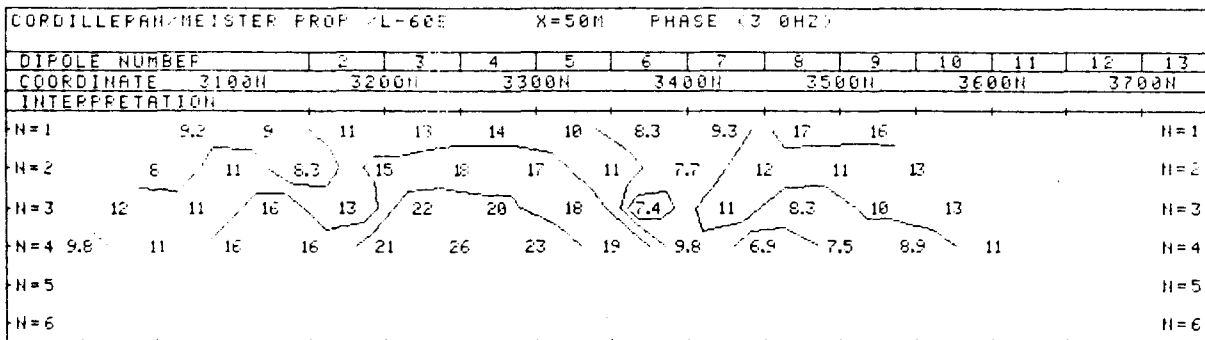
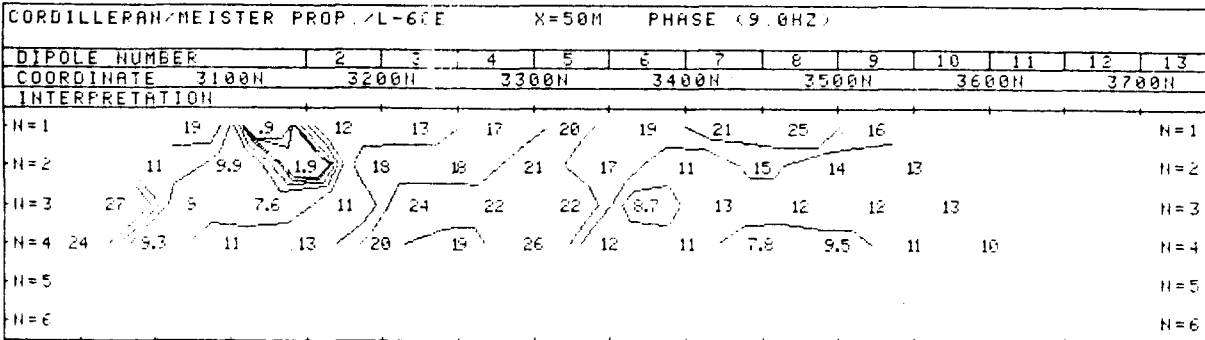
Dwg. No.
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Dwg. No.
I.F.-5860-15



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1944

Dwg. No.
I.P.-
5860-16

CORDILLERAN/MEISTER PROP. /L-66E X=50M RHO (OHM-M)													
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11	12	13	
COORDINATE	2100N	2200N	2300N	2400N	2500N	2600N	2700N						
INTERPRETATION													
N=1	2128	2098	2561	903	631	1127	1442	422	654	1651			N=1
N=2	2772	2689	1958	626	297	448	813	487	481	854	2686		N=2
N=3	2575	3299	2624	423	182	168	281	304	533	761	1183	2632	N=3
N=4	2458	2942	2885	490	136	123	110	98	305	850	1159	1097	2100
N=5													N=5
N=6													N=6

CORDILLERAN/MEISTER PROP. /L-66E X=50M PHASE (9.0HZ)													
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11	12	13	
COORDINATE	2100N	2200N	2300N	2400N	2500N	2600N	2700N						
INTERPRETATION													
N=1	38	39	32	17	27	64	45	54	32	25			N=1
N=2	37	43	35	35	39	61	67	58	39	32	22		N=2
N=3	39	43	46	35	46	61	65	51	42	31	36	39	N=3
N=4	42	45	44	44	40	51	63	58	40	31	28	45	41
N=5													N=5
N=6													N=6

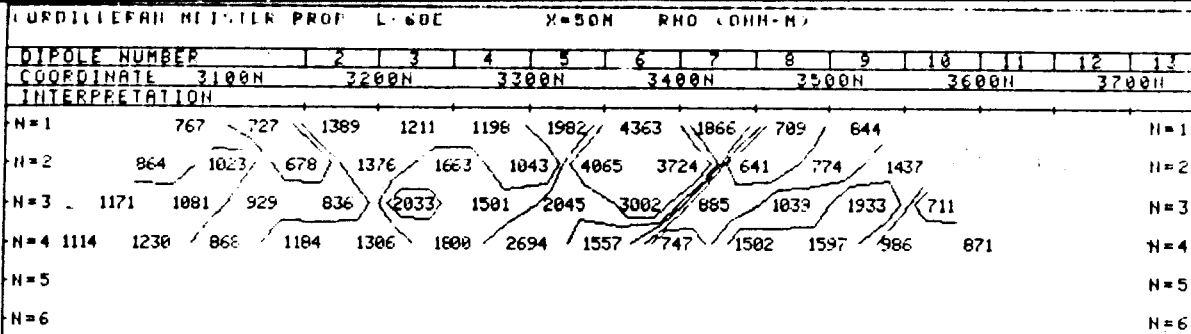
CORDILLERAN/MEISTER PROP. /L-66E X=50M PHASE (3.0HZ)													
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11	12	13	
COORDINATE	2100N	2200N	2300N	2400N	2500N	2600N	2700N						
INTERPRETATION													
N=1	39	32	28	17	36	48	46	57	29	32			N=1
N=2	39	37	36	35	49	58	55	58	41	41	37		N=2
N=3	42	36	35	39	64	66	63	49	43	42	42	42	N=3
N=4	44	37	34	44	62	68	67	55	38	44	39	47	45
N=5													N=5
N=6													N=6

CORDILLERAN/MEISTER PROP. /L-66E X=50M PHASE (1.0HZ)													
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11	12	13	
COORDINATE	2100N	2200N	2300N	2400N	2500N	2600N	2700N						
INTERPRETATION													
N=1	39	31	27	17	37	49	46	57	28	36			N=1
N=2	40	38	37	36	45	61	57	61	43	44	40		N=2
N=3	42	37	37	42	68	71	65	53	46	46	45	43	N=3
N=4	44	37	35	41	68	76	70	57	41	50	43	46	44
N=5													N=5
N=6													N=6

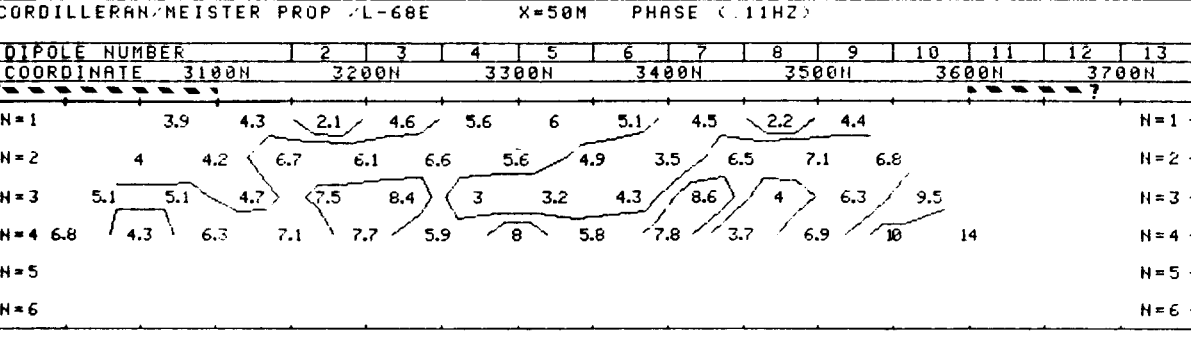
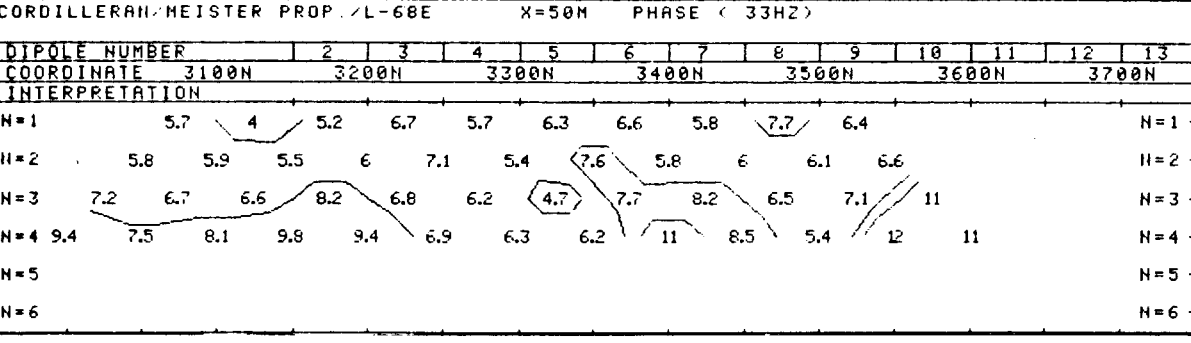
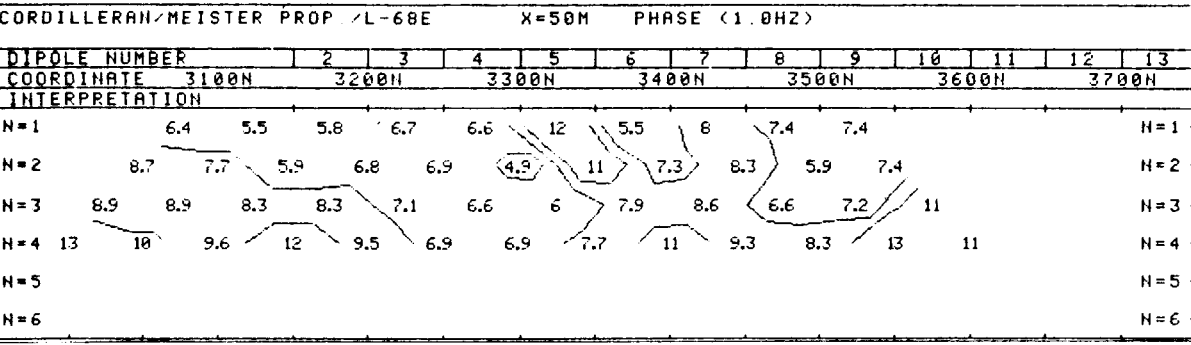
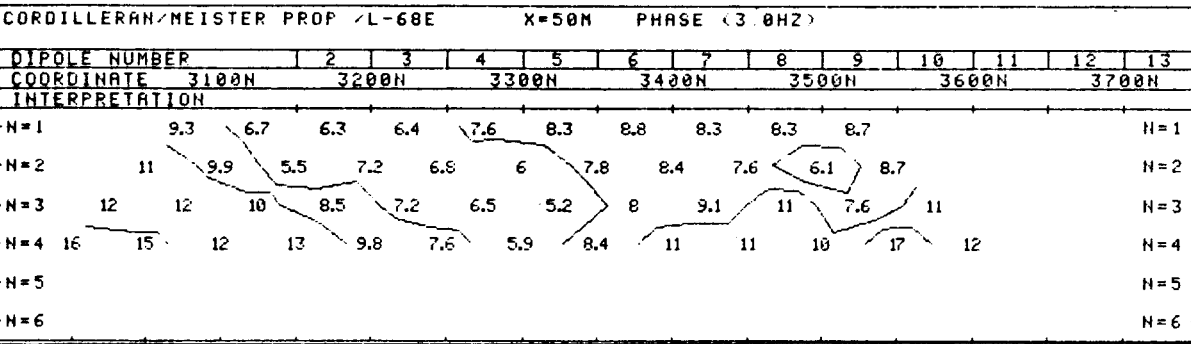
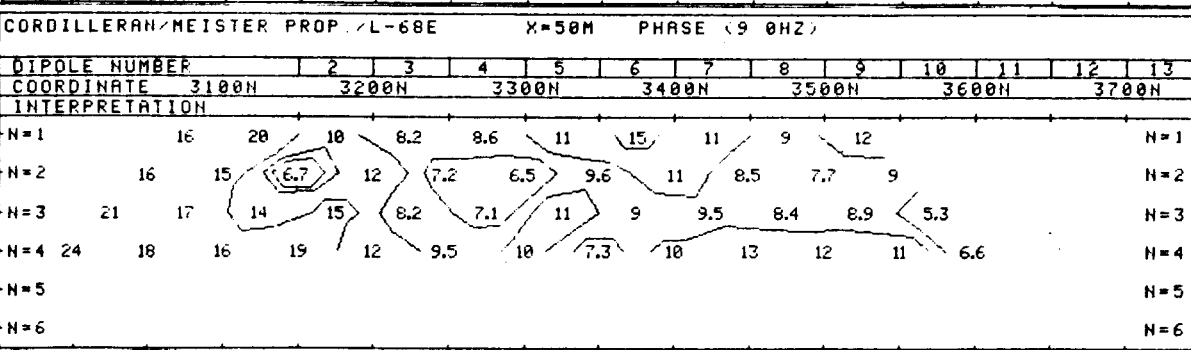
CORDILLERAN/MEISTER PROP. /L-66E X=50M PHASE (.33HZ)													
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11	12	13	
COORDINATE	2100N	2200N	2300N	2400N	2500N	2600N	2700N						
INTERPRETATION													
N=1	40	31	27	18	36	48	44	54	28	37			N=1
N=2	41	38	37	36	55	62	58	61	41	44	41		N=2
N=3	43	38	38	44	70	71	66	55	48	48	48	42	N=3
N=4	46	39	36	42	72	75	71	68	46	52	44	47	43
N=5													N=5
N=6													N=6

CORDILLERAN/MEISTER PROP. /L-66E X=50M PHASE (.11HZ)													
DIPOLE NUMBER	2	3	4	5	6	7	8	9	10	11	12	13	
COORDINATE	2100N	2200N	2300N	2400N	2500N	2600N	2700N						
INTERPRETATION													
N=1	39	32	26	19	36	41	41	52	30	35			N=1
N=2	38	39	37	36	53	60	61	63	41	44	41		N=2
N=3	42	39	38	46	70	71	67	55	49	47	50	41	N=3
N=4	46	40	37	42	70	81	73	61	48	57	47	45	43
N=5													N=5
N=6													N=6

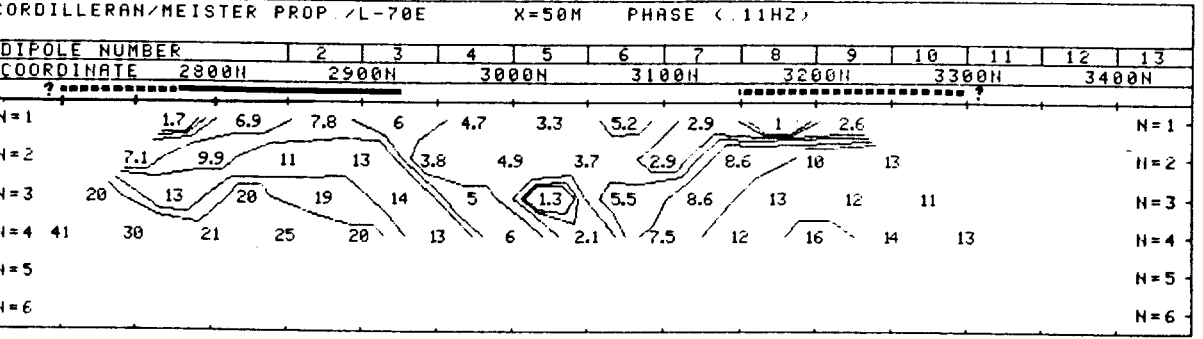
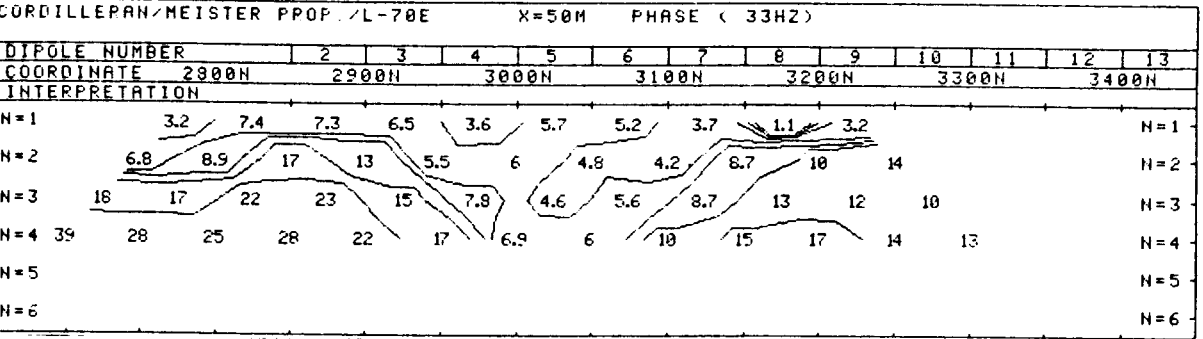
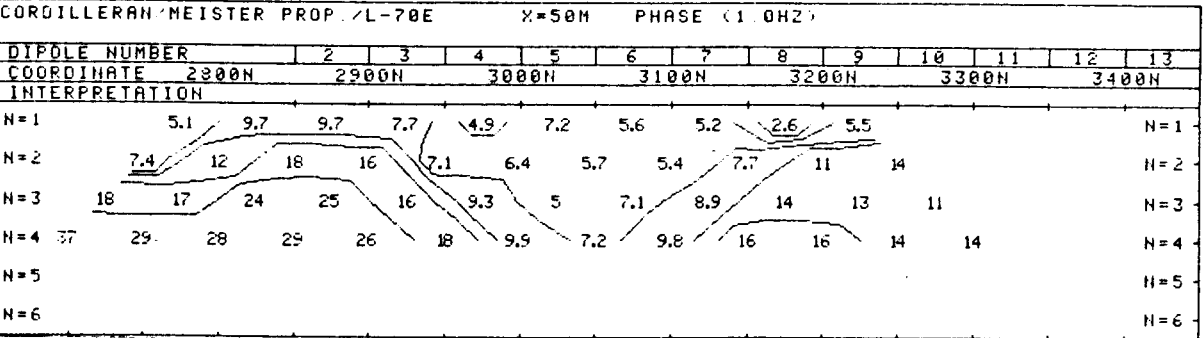
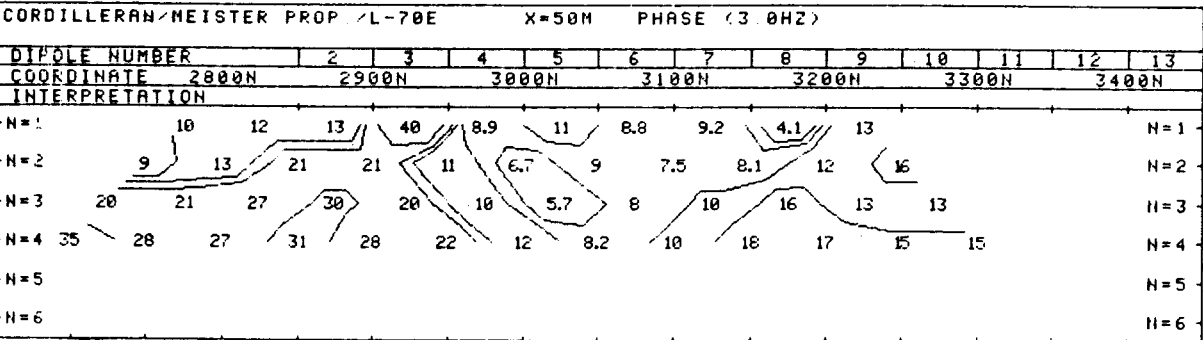
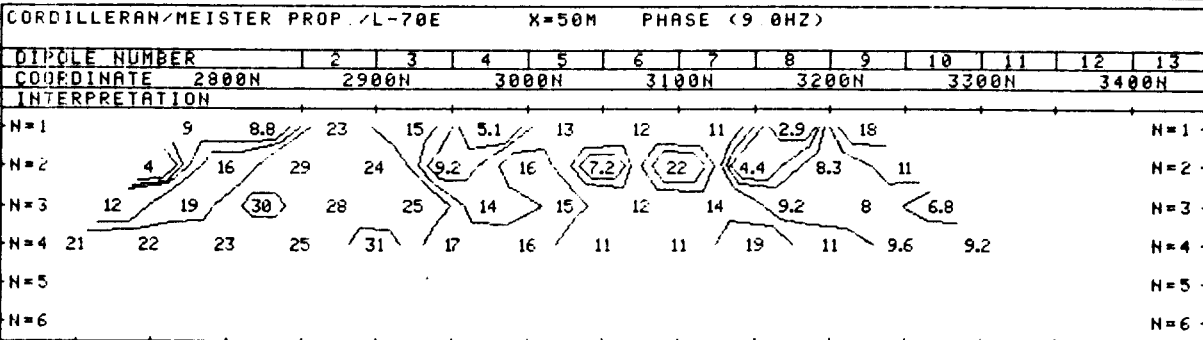
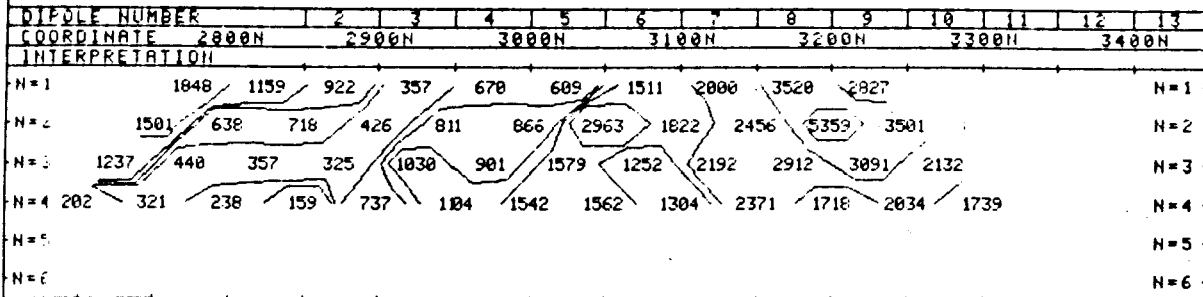
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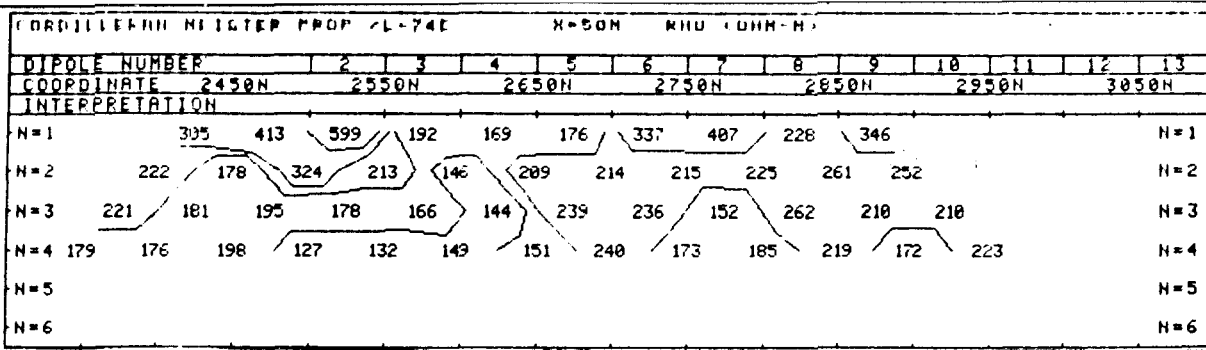
Dwg. No. I.P.-5860-17



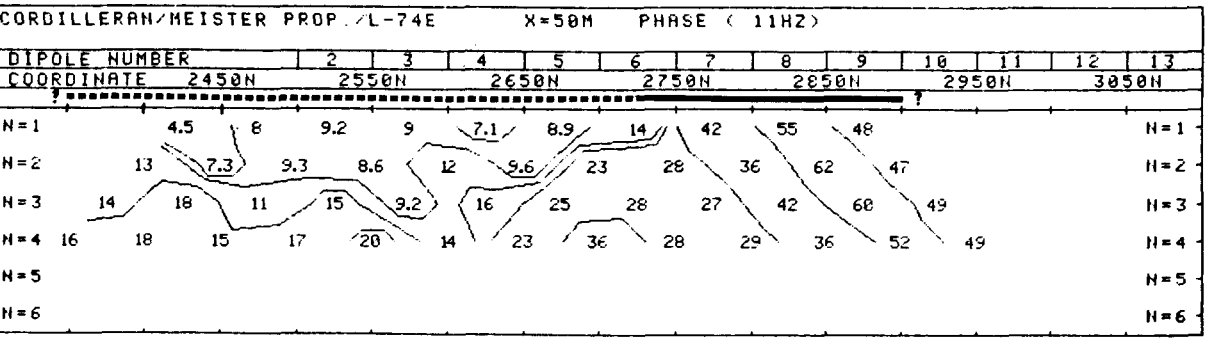
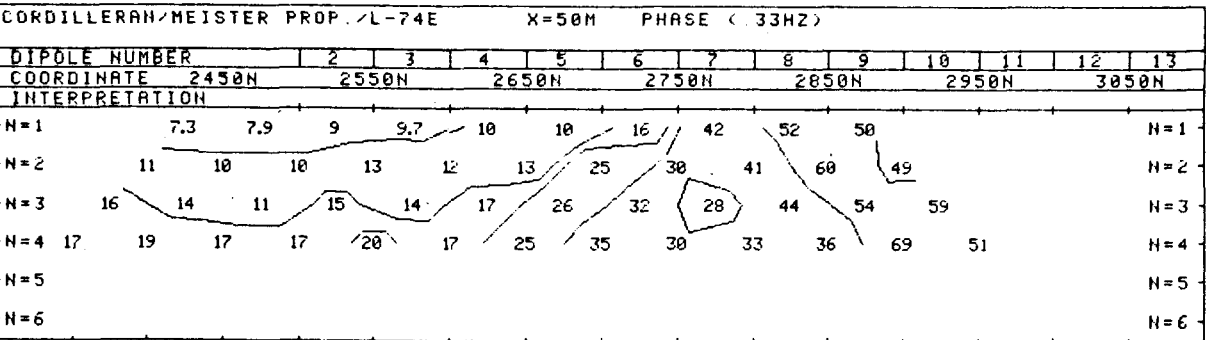
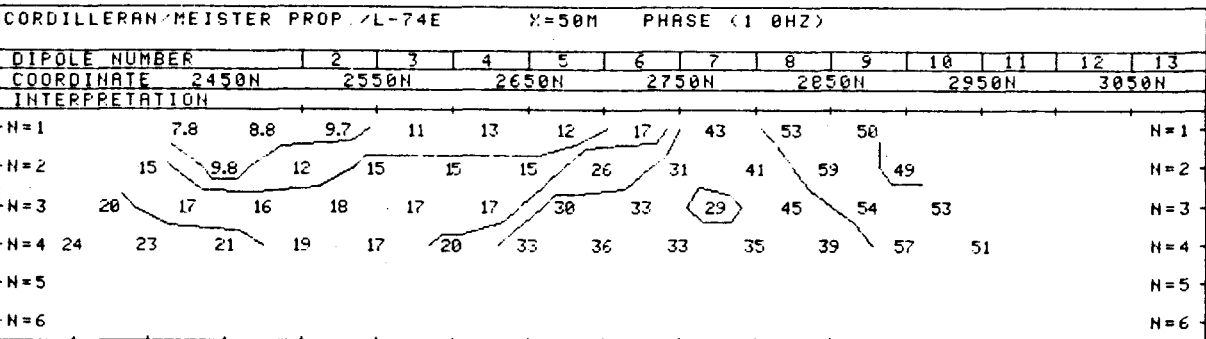
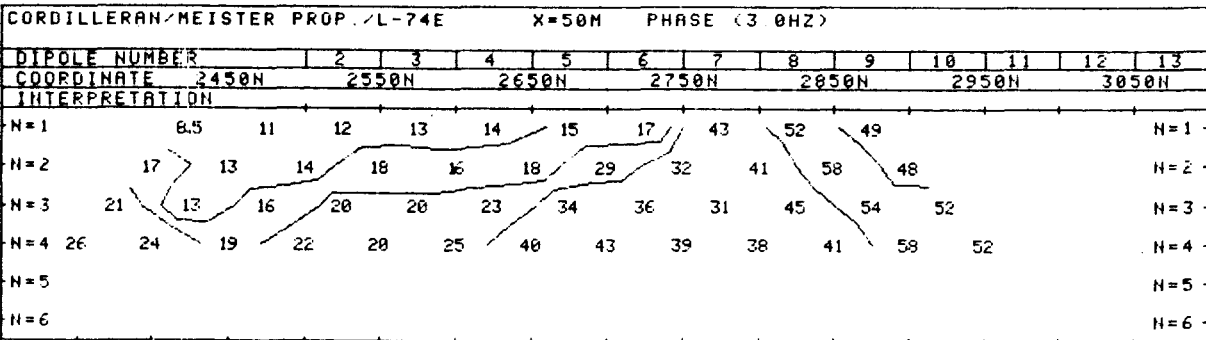
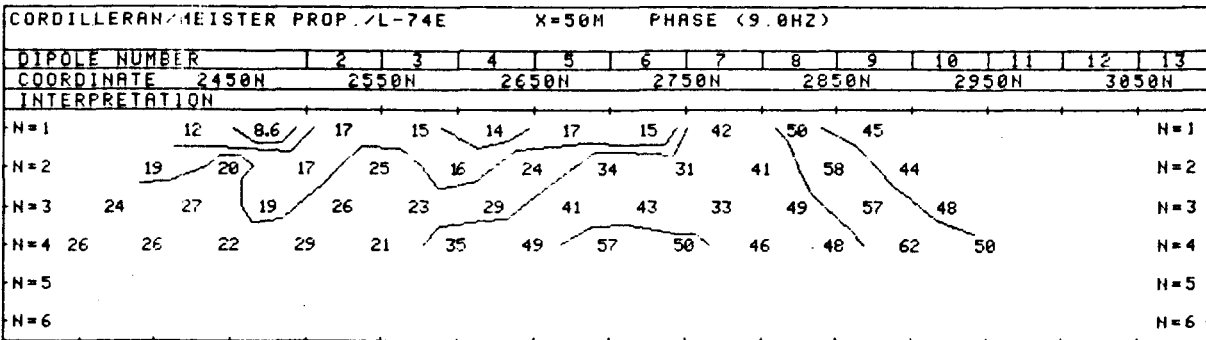
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MJC
DEC 03
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Dwg. No.
I.P.-
5860-19



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