# MAGALLOY-MAGEX PROJECT
## Report of Initial Geological and Geochemical Survey



Cariboo Mining Division
NTS 093A-03W
Lat 52° 14' Long. 121° 25'



Owned and Operated by
H.J. Wahl

**Prepared by**
**H. J. Wahl, P.Eng. B.C.**
**R.R.#10, 1416 Ocean Beach Esplanade**
**Gibsons, B. C. Canada. VON 1V3**

**April 2004**

## LIST OF FIGURES



## APPENDICES

## SUMMARY

The Magalloy – Magex claims (26 units) are situated in the Cariboo mining division 11 km SSE of Horsefly. The area is heavily drift covered and occurs along the eastern margin of Miocene plateau basalt cover. The underlying bedrock is believed to be skarn-altered Triassic volcanics intruded by numerous plugs and stocks of monzonite to syenite. Some of these may be related to the nearby Takomkane batholith, while the more syenitic phases may be associated (syntectonic) with Triassic volcanic-intrusive activity.

The current preliminary program was focused on a combination vertical gradient airborne magnetic anomaly coincident with a 1972 detected lake sediment geochemical anomaly.

This feature lies 3.5 km SSW of the currently active Megabucks project and 1.0 km west of the dormant Takom showing.

A single line enzyme leach soils survey across the target did not return results suggestive of sub-surface sulphides, although spikes for several element groupings were identified at the south end of line 'MA.' This line was extended and resultant samples are awaiting funds for assay.

A single high Cu result reported from a conventional geochem silt site (238 ppm Cu) in a creek crossed by line 'MB.' This requires follow-up, plus expanded EZL sampling along the logging road network.

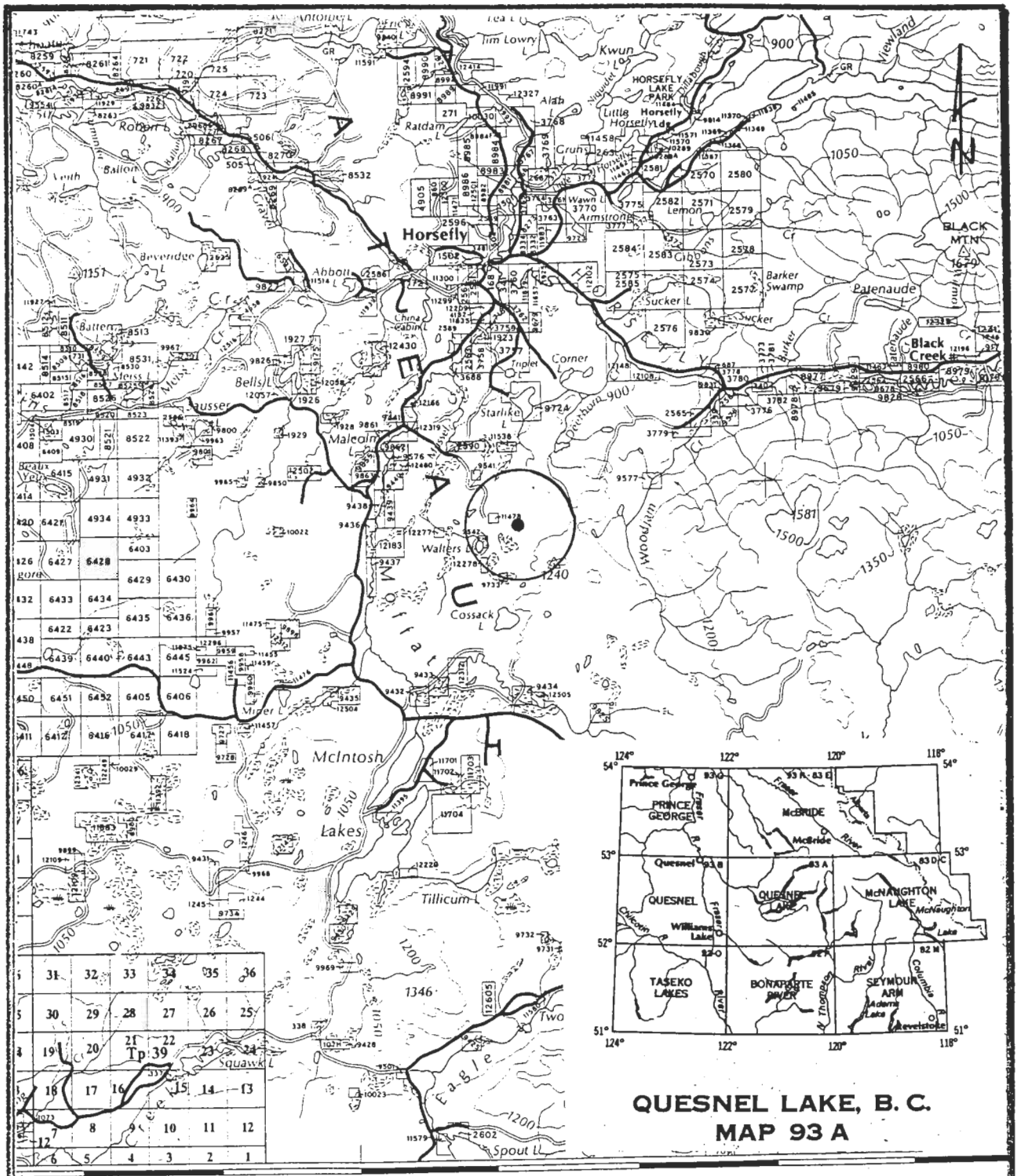
Costs of the current project are $8,684.37.

## INTRODUCTION

The Magalloy – Magex property currently forms one of three targets within the "Afton Clone Project" (high-grade Cu-Au alkalic porphyry deposits). The other two, King Kong 93A.023 and Kosak 93A.013-.023 are situated in close proximity to the west and south.

Criteria for inclusion in the Afton Clone Project include:

1. Location within or marginal to known or suspected syenitic intrusives hosted by Triassic Nicola Volcanics.
2. Proximity to the edge or margins of Eocene/Miocene cover rocks
3. Indication of regional or local structural displacement (air photo interpretation/aeromagnetic trends.)




# MAGALLOY PROJECT

CARIBOO M.D. 093A - 03W

## GENERAL LOCATION MAP

**Scale: 1:250,000**

H.J. Wahl, P.Eng.B.C.

June 2003

FIG. 1

4. Association with strong aeromagnetics, generally 3500 ∂ or higher.
5. Presence of nearby mineralization and or drainage geochemical results. In the case of Magalloy, the claims cover a vertical magnetic gradient anomaly detected by Noranda's 1992 airborne survey (AR 22,670) (4) which is coincident with a lake sediment copper anomaly identified in 1972 (private files). A float sample collected in 1996 on the Deerhorn Road returned ppm 1416 Cu and ppb 38 Au, (leuco-monzonite, chloritized mafics), while a nearly silt returned anomalous Zn, Co, Ag, and Ba values.

The Magalloy claims are 3.5 km SSW from the Megabucks showing which contains a resource of 6.5 mt averaging 0.025 oz/t gold and 0.13% Cu.

The existing Takom showing lies 1.0 km east of the Magalloy boundary. At this location, 4 angle drill holes by Exploram in 1974 (2) tested porphyry–style mineralization with low and spotty Cu grades. The best intercept was recorded in hole 74-03 where 10.7 meters averaged 0.037 oz/t Au and 0.13% Cu.

The Magalloy – Magex claims adjoin the large Woodjam property owned by Wildrose Resources, containing the above noted showings. Additional drilling was performed there in 1999 by Phelps Dodge, and 2002-03 by Fjordland Resources, the current operators.

This report describes the results of conventional silt and enzyme leach soil surveys plus geological reconnaissance over portions of the claims.

## PROPERTY

The property consists of 26 ea 2-post mineral claims as follows:

| Claim | Tenure Nos | Record Date |
|---|---|---|
| Magalloy 1-6 (6) | 402712-402717 | 16 May 2003 |
| Magalloy 7-12 (6) | 402718-402723 | 18 May 2003 |
| Magalloy 13.14 (2) | 405342-405343 | 18 Sept 2003 |
| Magex 1-6 (6) | 405344-405349 | 19 Sept 2003 |
| Magex 7-10 (4) | 405350-405353 | 20 Sept 2003 |
| Magex 11-12 (2) | 405354-405355 | 21 Sept 2003 |
| Total Units 26 | | |

The subject claims are situated in the Cariboo Mining Division of Central British Columbia and are plotted on Mineral Titles map 93A-3W (93A.023). The Magalloy-Magex claims adjoin existing tenures Woodjam 8-10.

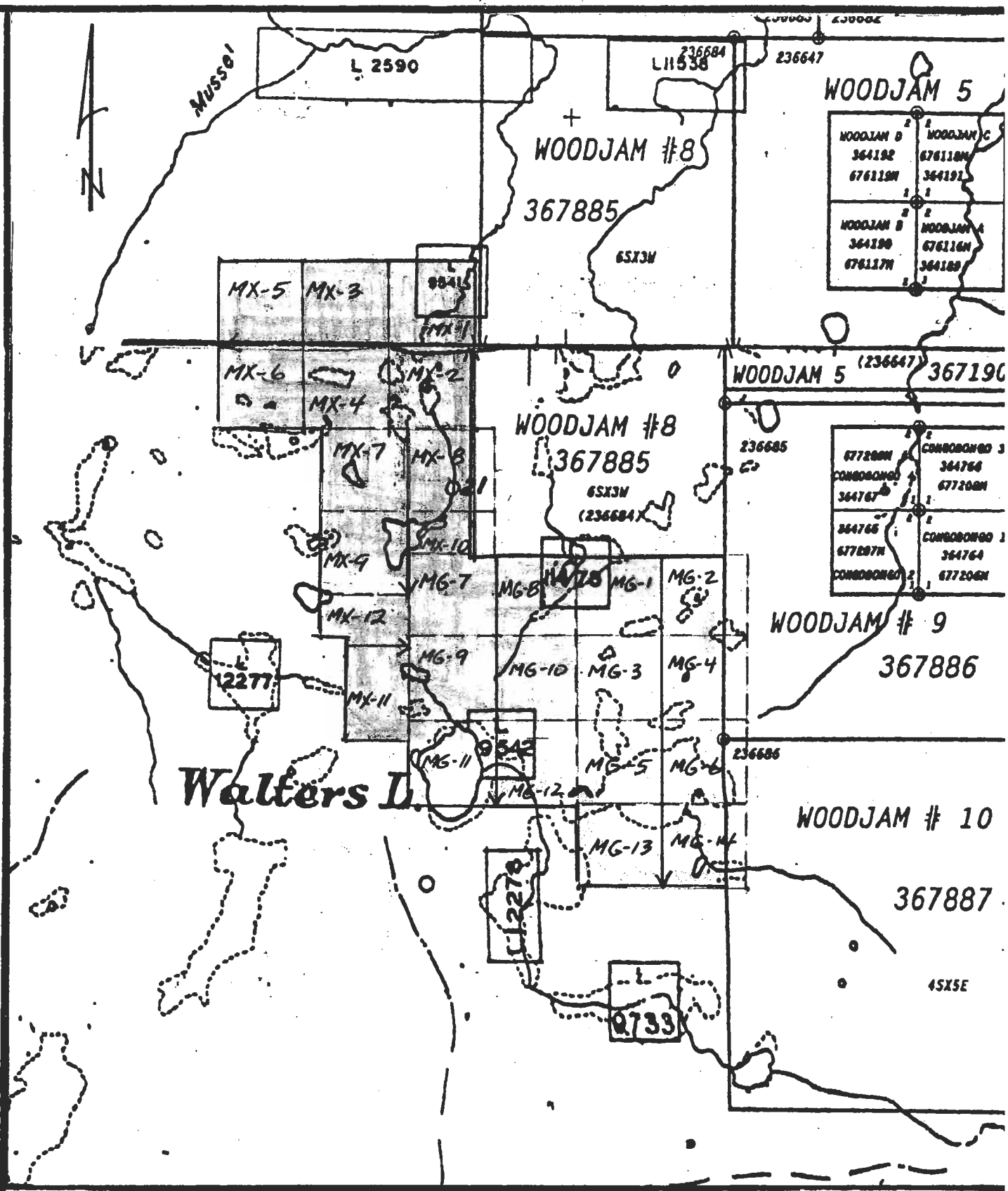



FIG. 2

**LEGEND**

**MAGALLOY-MAGEX PROJECT**

Cariboo M.D. 093A-03W

**Claim Location Map**

Scale 1:31,680

MG = Magalloy

Mx = Magex

H.J. Wahl, P.Eng. B.C.

September 2003

## LOCATION & ACCESS

The claims are located 11 km SSE of Horsefly, B.C., with Walters Lake occupying the south west corner of the block. Access is south from Horsefly via the 108 Road, then east on the Walters Lake Rd. to the Deerhorn Road junction, then a further 4-5 km east to the north line of the Magalloy claims. Numerous secondary haul roads and skid trails give good access to the inner claim area.

Specific details are:
Lat. 52°14'30"
Long. 121° –25' 00"
NTS 93A-3W (93A.023)

## TERRAIN/TOPOGRAPHY

The property lies within the Fraser Plateau area of central B.C. Terrain is subdued to rolling with a general base elevation of 32-3,500 ft. ASL. Maximum local elevation change is 15-25 meters. Much of the area is occupied by swampy depressions with forest cover varying from somewhat open pine or spruce, pine, fir bush, to aspen-willow-cedar in wet areas. Overburden is extensive with less than 1% exposure, and consists of clayey glacial drift with scattered areas of more gravelly outwash. Stream drainage is very sluggish.

## HISTORY

1973-77 Exploram Minerals Ltd.
*Field operations resulting in discovery of Megabuck and Takom showings.* Refer assessment reports 5477, 6315, 5548, and 5731.

1983-84 Placer Development, 17 drill holes on Megabuck property.
Refer assessment reports 11,379, 12,301, 12,522.

1983-87 Rockridge Mining Corporation. Staked large block of claims (Ravioli Group) around Megabucks prospect and performed geological, geochemical, and geophysical surveys on various grids. Refer to assessment reports 12,268, 13,741, 16,717.

1992 Noranda. Flew combined helicopter magnetic, EM, and radiometric airborne survey over a NE-oriented block measuring some 6 X 12 km. Identified some 15 vertical gradient magnetic targets, of which Magalloy is one, The AEM system was largely ineffectual due to widespread surficial conductivity.

1999-2000 Megabucks area re-staked by Wildrose Resources and optioned to Phelps Dodge Canada Ltd. Drill program, (4 holes totalling 767 meters) by PD, resulted in property returned. Best intercept was 80 meters @ 0.85 g/t Au and 0.13%Cu in hole 99-20.

2001-2002 Optioned to Fjordland who completed 02 Drill program. Option currently on-going. A summary of significant results from the 2002

Fjordland program is given as follows:

| Hole | From | To | Interval (m) | Au g/t | Cu % |
|---|---|---|---|---|---|
| 24 | 185 | 205 | 20 | 0.42 | 0.04 |
| 25 | 48 | 102 | 54 | 0.52 | 0.10 |
| 26 | 119 | 121 | 2 | 8.16 | 0.01 |
| 27 | 102 | 114 | 12 | 0.42 | 0.05 |

Drilling was performed over a 350 X 350 m area at the west end of a 1600 X 800 meter I.P. anomaly centered over the original Megabuck discovery where 1974 Exploram hole 74-1 cut 58 meters grading Au g/t 1.39 and Cu 0.13 %. The general area has overburden depths in excess of 50 meters.

Of 3 additional holes completed in the fall of 2003, #03-03 returned 15m @ 0.9% Cu, 0.04 g/t Au, including 1.1m @ 7.9 % Cu, starting at 45 m below surface, the 0-45m interval representing overburden.

There is no record of previous work in the area currently occupied by the Magalloy-Magex claims. A small portion of the northeast lobe of the magnetic/lake sediment target was covered by a portion of Archer-Cathro Grid A (conventional soils, (AR 12,268). Refer Fig 6.

## WORK PERFORMED

The claims were staked in two episodes, and field work was performed in *each instance prior to recording.*

17 May – Line cutting and soil sampling (line MA). 1500 meters cutting, 30 soils, 2 silts.
18 May – Silt sampling and geological reconnaissance.
18 Sept – Line cutting (500m) and soil sampling 10 ea.
19 Sept – Soil sample new Lignum cut block road, 6 ea (Magex loc. Line 1-6)
20 Sept – Silt sample, various locations, 5 ea.
21 Sept – Silt sampling up-stream from May anomalous site MB-500S. 2 ea.

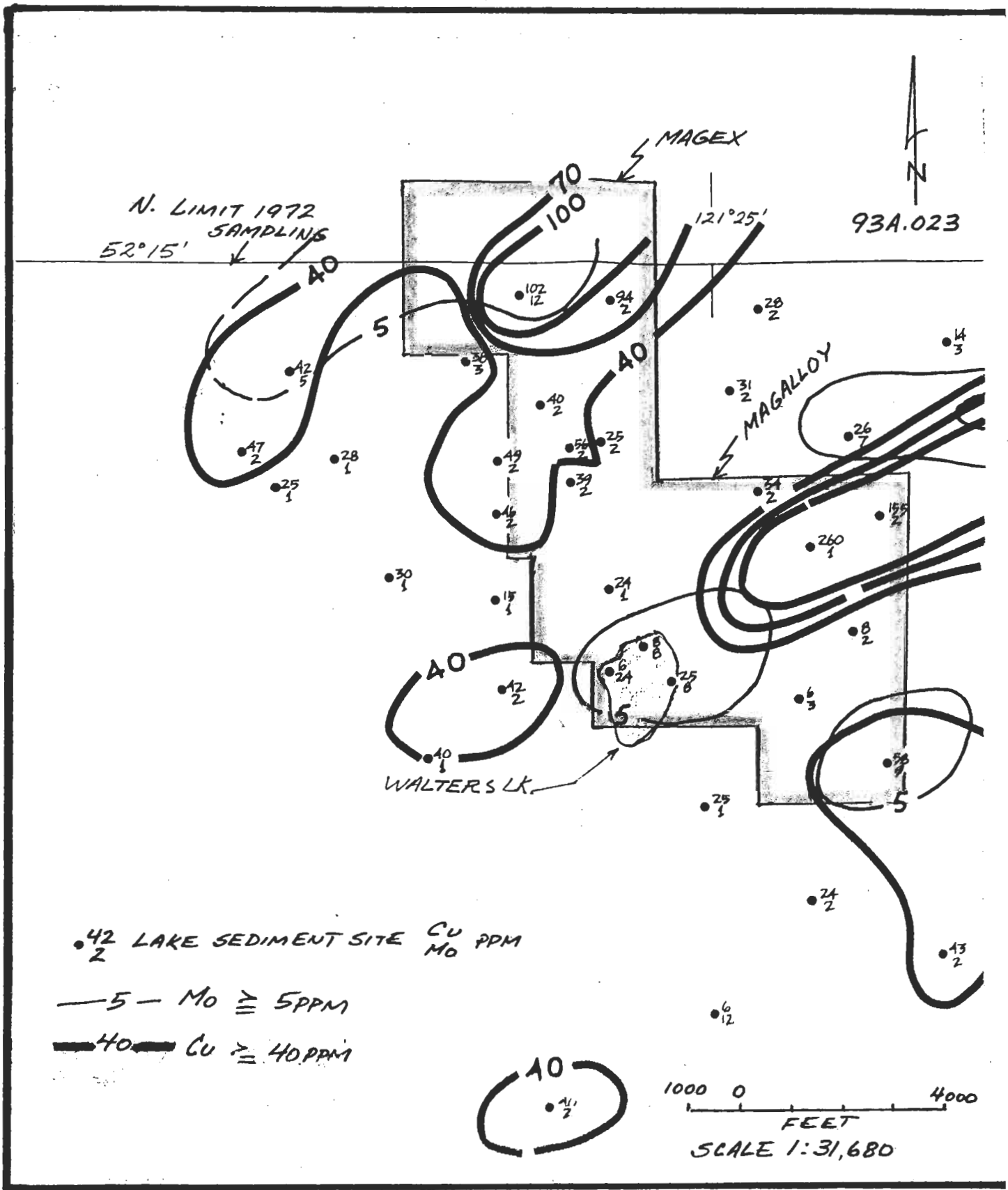
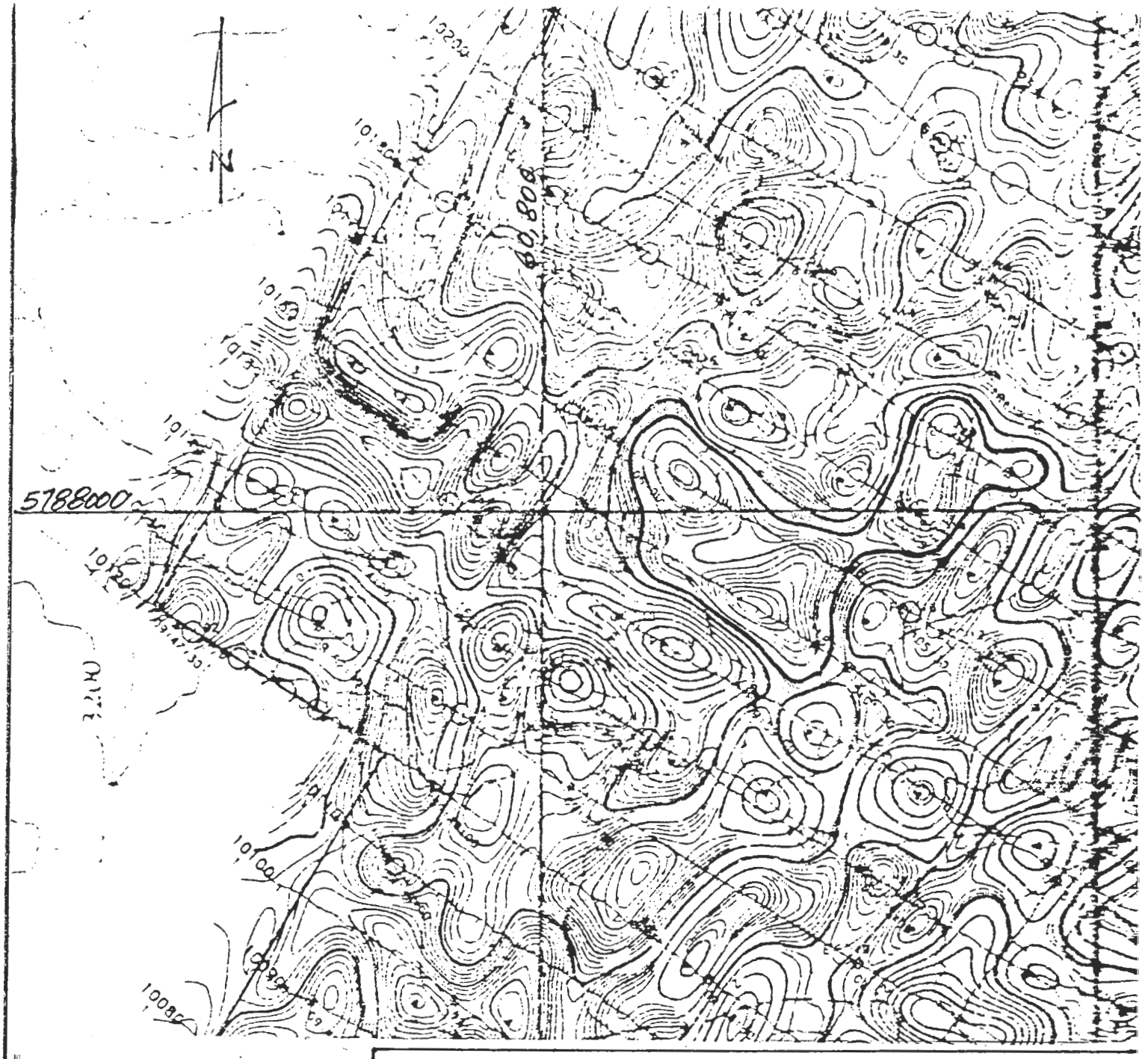
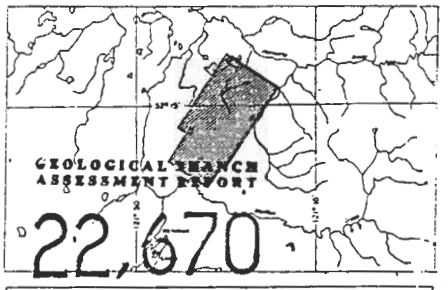



**FIG. 3**
**MAGALLOY-MAGEX**: Clip of
1972 Lake Sediment Survey

Covering Claims Area, Assays
for Cu-Mo only,
Data from Private Files




NORANDA EXPLORATION COMPANY LIMITED

CALCULATED VERTICAL MAGNETIC GRADIENT

MEGABUCK AREA
Williams Lake, B.C.

SCALE 1:20,000

AERODAT LIMITED

DATE: MAY 1982
NTS No: 93A/6
MAP No: J9228

# MAGALLOY PROJECT

## CARIBOO MD. 093A - 023

Scale 1 cm = 204 m

## CALCULATED VERTICAL MAGNETIC GRADIENT SHOWING SELECTED AEROMAG TARGET

H.J.Wahl, P.Eng.B.C. June 2003

FIG. 4

## REGIONAL GEOLOGY

The Quesnel Trough (Nicola Group) consists of a variable assemblage of Late Triassic to Early Jurassic (island arc/sub-duction zone) submarine and subaerial volcanics, volcaniclastics and sedimentary strata underlying much of the Intermontane belt of central and south central British Columbia.

The lowermost Nicola is largely a sedimentary pelitic unit overlain by an upper, dominantly fragmental basalt/volcaniclastic package. Current literature suggests that the upper volcanic assemblage was thrust northeastwards over the pelitic zone during Jurassic time. The Eureka thrust marks the eastern boundary of the trough, and the contact between the Mesozoic and Paleozoic terranes. Strata of the Quesnel Trough have been intruded by both Late Jurassic to Early Cretaceous plutonic intrusives (Takomkane, Thuya) and a series of alkalic stocks of diorite, monzonite, and syenite, which occur in the central volcanic belt and constitute eruptive centers.

Exact geologic relationships are obscure, being limited by lack of stratigraphic continuity, block faulting, and glacial cover.

## LOCAL GEOLOGY

As noted earlier, widespread glacial drift blankets most of the Magalloy-Magex claims. An appraisal of the local geology is based upon the few outcrop exposures observed and the coarser, angular float clusters.

On Line MA at 0+30 – 150S is an exposure of epidote bearing medium grained granodiorite. Further south on this line from 1325S – 1600S are coarse angular blocks of "maggot rock." This is a distinctive rock type, consisting of a sea of whitish soda feldspar crystals to 5 cm long, in a very fine grained, grey, siliceous matrix; minor epidote is present and the unit is non-magnetic. A typical sample of the unit returned no significant metal values (M-3R).

At the south end of line MB (MB-1400S-10E) large blocks of non-magnetic skarn altered volcanic breccia were located. They have a characteristic dark brown-black surface rind. A grab sample of this rock returned no significant metal values.

Some 800 meters east of the east boundary of the Magalloy claims (Woodjam # 10 claim/ Alces Rd.) are altered outcrops of fine grained monzonite with re-sorbed breccia fragments. These outcrops have a bleached surface coloration and are splotched with distinctive epidote orbicules to 10 cm or more. Scattered spangles of black hornblende? augite? are also present as well as some patchy K-spar alteration.

On the Magex claims, no outcrops were located, however, much of the area traversed contains large blocks of Miocene plateau basalt.

In conclusion, the claimed area is apparently underlain by large areas of skarn altered Nicola Volcanics cut by a variety of intrusive rock types. The exact driver for the skarn event is unknown at present. The northwestern sector of the claimed area is likely covered by thin plateau basalts more or less forming the eastern margin for these cover rocks.

## GEOCHEMISTRY

**Conventional** (Refer Fig. 6 and assay reports)

**Silts**: As noted earlier, attention was drawn to the Magalloy claims area by previous (1972) lake sediment sampling (Fig. 3) which identified a strong copper-anomalous area coincident with the subsequently reported vertical gradient magnetic anomaly. Additionally, a silt collected in 1996 (DH-1 ST) returned anomalous values for ppm Zn (165), Co (126), As (46), and Ba (3189) from a sluggish drainage which flows through the lake sediment/magnetic feature. New samples (MA-378S and (MA2-ST) collected upstream from the former did not enhance the original silt.

A strongly anomalous silt (MB-500S) was returned from the intersection of line MB with a NE-flowing creek. This sample returned ppm 238 Cu. Subsequent upstream samples collected in September (MX-7,8S) reported the highest gold level at 11.6 ppb, being the highest value of the 9-sample follow-up program.

As the anomalous creek rises slightly towards the area of sample sites MX-7,8S, and as the terrain is flat in the upstream reaches, the anomalous site (MB-500S) may reflect seepage from the paleo surface at the edge of Miocene cover. Additional sampling is required downstream (north) from 500S to confirm this.

The balance of silts (MX-1S-6S) resulting from September field work showed negligible results probably because the sampled area is likely underlain by Miocene plateau basalts.

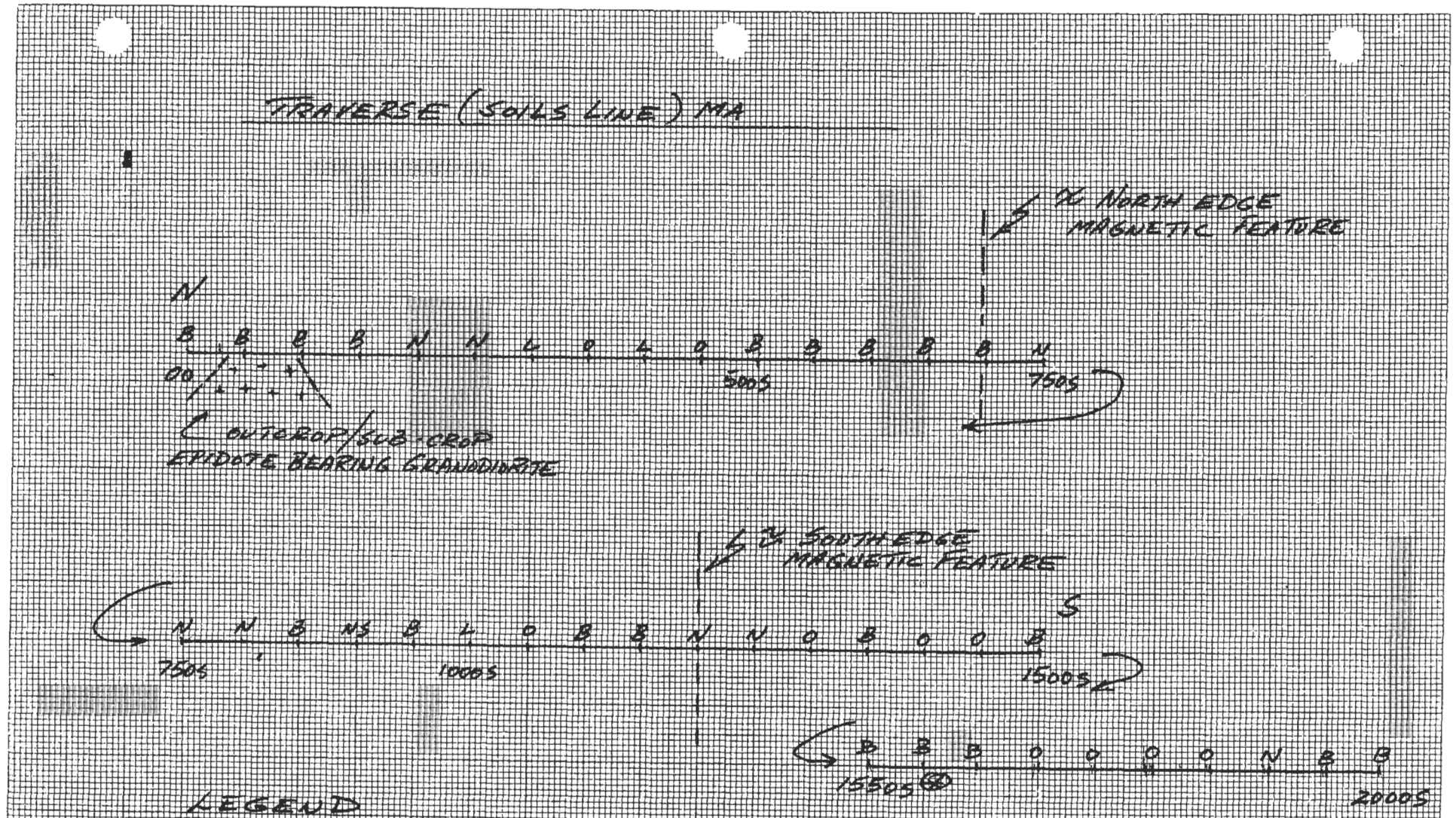



FIG. 5

MAGALLOY CLAIMS
CARIBOO M.D. 93A.023

SOIL SAMPLE TYPES
COLLECTED ALONG LINE MA

SCALE 1:5000

H. J. WARE, P.ENG B.C. - JULY 2003

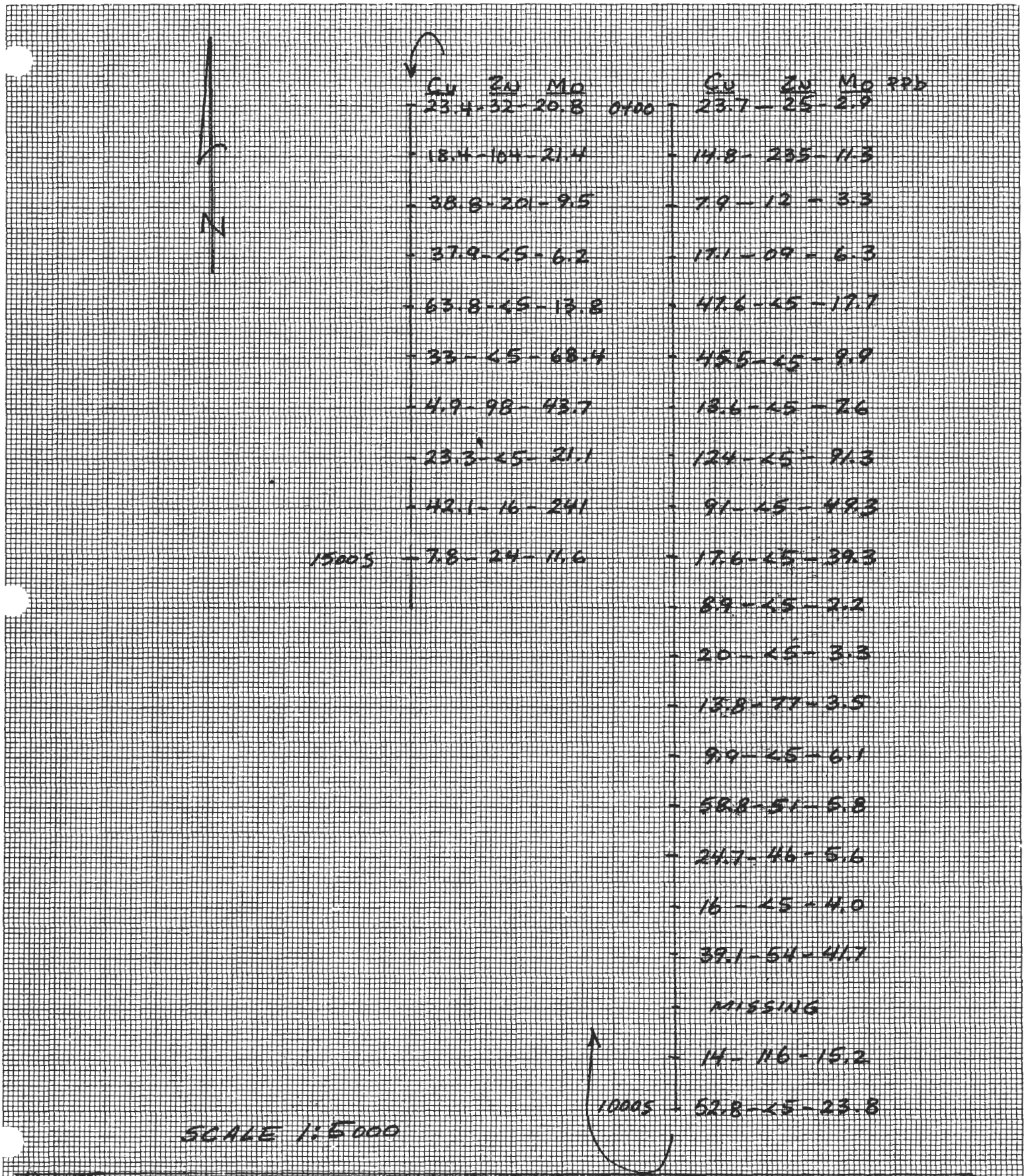



FIG. 5A MAGALLOF CLAIMS, CARIBOO M.D. 093A.023
PLOT OF EZL VALUES IN PPB FOR Cu-Zn-Mo LIVE MA
RE ACTLABS A03-1116 H.J. WAHL, P. ENG. B.C. JULY 03

**Results of Enzyme Leach Soils Survey**

(Refer Fig. 6 for location Line 'MA' and report by G.T. Hill appended)

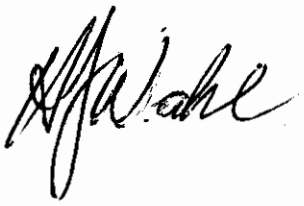
Soil samples were collected along line 'MA' using a modified long-handled, round-point shovel from average depth of 20 cm. Collected material was bagged in kraft envelopes and shipped to Acme Analytical Laboratories for preparation and furtherance to Activation Laboratories Ltd. for assay. Sample types and relations along this traverse line are shown on Fig. 5. The survey was designed to x-cut the lake sediment and magnetic anomaly features.

As indicated in G.T. Hill's report, the sampling did not identify an oxidation anomaly indicative of sulphides in the sub-surface. The peaking of selected oxidation elements, halogens, and lithophile elements at the south end of line 'MA' prompted sampling extension from 1550-2000S. These samples will be assayed when funds are available.

**CONCLUSIONS & RECOMMENDATIONS**

Preliminary examination of the aeromagnetic-geochemical target has shown that the target area is dominantly drift-covered and likely overlies a portion of a regional skarn altered zone of Triassic volcanics with abundant intrusive activity. More work is required to prove or disprove the claimed area as a sulphide source. In particular, further silt sampling north of sample MB-500S (ppm 238 Cu) is required plus expansion of enzyme leach soil sampling along the logging road network.

Prepared by H. J. Wahl,
P.Eng. B.C.



## STATEMENT OF COSTS

| | |
|---|---|
| Fieldwork, H. J. Wahl, 6 days @ $600/day | $3,600.00 |
| Reporting, H. J. Wahl, 5 days @ $300/day | 1,500.00 |
| Field vehicle, Dodge Cummins 4x4, 6 days @ $140/day | 840.00 |
| (Code 1) Travel Expense | 311.43 |
| (Code 3) Maps, Publications | 39.40 |
| (Code 4) Prints, photocopy | 20.75 |
| (Code 5) Secretarial | 150.00 |
| (Code 6) Postage, freight, communications | 47.36 |
| (Code 7) Field equipment and supplies | 282.73 |
| (Code 11) Assays | 1,892.70 |
| **Total:** | **$8,684.37** |

Certified True and Correct
H. Wahl, P.Eng. B.C.

# References

(1) AR 4766 Geophysical Report, Exploram Minerals Ltd., HS1-46 Claims, by G.E. White, B.Sc. Geophysicist, 08 Nov. 1973.

(2) AR 5237 Assessment Work Submission (Drilling) on the HS Claims, Cariboo M.D. by E.D. Cruz, P.Eng., Exploram Minerals Ltd., 30 Sept. 1974.

(3) AR 12, 268 Geological and Geochemical Report on the Ravioli 1-4 Claim Groups, Rockridge Mining Corporation, by C.A. Main and J. F. Carne, May 1984.

(4) AR 22,670 Helicopter-borne Geophysical Survey for Noranda Exploration Company Ltd., by R.W. Woolham, P.Eng., Aerodat Ltd., 15 July 1992.

## Magalloy – Rock Sample Descriptions

MB-1400S-10E

Sharp-edged float. ≈2 kg. Very fine grained pale whitish grey. Groundmass is Na flsp., K-spar, and quartz. Blotchy areas to 3-4 cm resemble resorbed clasts which are epidote-rich and surrounded by selvage of K-spar. Appears to be strongly skarn altered volcanic breccia. Contains 15-20% disseminated Vfg silver-grey metallic. Non-magnetic. Very dark brown-black surface rind.

M-1R

Float, sub-rounded, ±1.5 kg piece at roadside, 0+00 Line A. Pale-grey, fine-med. grained crowded monzonite porphyry. About 1-2% disseminated Cpy, minor Py. 10-15% hornblende, mildly chloritized.

M-2R

Float, South branch road, sub-rounded, etched, pockety surface, about 2 kg. Silicified syenite, fine grained, crowded porphyry texture, minor epidote. Carries about 14% dism. Py and 1% dism. Cpy.

M-3R

Float, south branch road, "Maggot" rock. Sea of Na feldspar xtals to +1 cm long in grey, fine-grained matrix. Minor epidote. About 0.5-1.0% fine, disseminated metallic similar in appearance to 1400S-10E. Non-magnetic.

M-4R

Line A, 0+00, roadside. 5 kg, flat, angular block, shows parallel fracturing, and quartz veining. Leuco monzonite, mafics as ghosted sericitic shapes, about 15-20% disseminated aggregates of very fine tourmaline, 10-15% dism. Py.

OC-1

Alces Rd., Altered monzonite?? Bleached surface with distinctive epidote orbicules to 10 cm or more, also scattered spangles to multi-centimeters black augite? crystals. Some epidote patches contain inclusions of former. Rock matrix dominantly fine-grained soda feldspar. Areas of breccia fragments (intrusive).

OC-2

Alces Rd., Silicified monzonite, fine grained, with porphyritic fragments, again very fine-grained, of leuco diorite with chloritized mafics. Weak epidote alteration overprint. Contains 15-20% disseminated, very fine, dusty, silver grey metallic that is non-magnetic. Also some patchy K-spar alteration. Bleached external appearance.

Alces-3

Float, N. side road, strongly silicified monzo-diorite, minor epidote, fine-grained medium grey on fresh surface. Chloritized mafics. Non-magnetic. Contains about 1% dissem. Py and Cpy.

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Herb Wahl PROJECT DEERHORN File # 96-4236 Page 1

R.R. -4 S12 C4, Gibson BC V0N 1V0

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | Al % | Na % | K % | W ppm | Zr ppm | Sn ppm | Y ppm | Nb ppm | Be ppm | Sc ppm | Au* ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DR-1ES | 4 | 37 | <5 | 25 | <.5 | 6 | 5 | 210 | 2.80 | <5 | <10 | <4 | 2 | 510 | <.4 | 9 | <5 | 77 | 1.93 | .063 | 8 | 10 | .89 | 1929 | .15 | 9.74 | 2.78 | 2.07 | 4 | 22 | 3 | 8 | <2 | <1 | 6 | 1 |
| DR-1WS | 5 | 1416 | <5 | 31 | .6 | 9 | 5 | 528 | 5.15 | <5 | <10 | <4 | 2 | 816 | .6 | 7 | <5 | 173 | 4.62 | .093 | 7 | 13 | 1.79 | 726 | .35 | 9.87 | 2.20 | .51 | <4 | 14 | <2 | 12 | <2 | <1 | 15 | 38 |

ICP - .250 GRAM SAMPLE IS DIGESTED WITH 10ML HCLO4-HNO3-HCL-HF AT 200 DEG. C TO FUMING AND IS DILUTED TO 10 ML WITH DILUTED AQUA REGIA. THIS LEACH IS PARTIAL FOR MAGNETITE, CHROMITE, BARITE, OXIDES OF AL, ZR & MN AND MASSIVE SULFIDE SAMPLES. AS, CR, SB, AU SUBJECT TO LOSS BY VOLATILIZATION DURING HCLO4 FUMING.

- SAMPLE TYPE: P1 ROCK P2 SILT AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.

DATE RECEIVED: SEP 4 1996 DATE REPORT MAILED: Sept 16/96 SIGNED BY .....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

## PROJECT DEERHORN ROAD (FLOATS) 1996 PROSPECTING FINDS

DR-1ES High Qtz ( ≈80%) intrusive.
Scattered chloritized mafics (1-3%).
5-10% Dism. Cpy east side of road.

DR-1WS West side of road.
Similar to 1ES, More fine-grained
dissm. chloritized mafics,

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | Al % | Na % | K % | W ppm | Zr ppm | Sn ppm | Y ppm | Nb ppm | Be ppm | Sc ppm | Au* ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DH-1ST | 8 | 25 | 10 | 165 | <.5 | 38 | 126 | 31624 | 7.72 | 46 | <10 | <4 | 5 | 499 | 1.3 | 8 | <5 | 139 | 3.08 | .227 | 18 | 64 | .96 | 3189 | .34 | 4.97 | 1.55 | .83 | <4 | 25 | <2 | 18 | 2 | 2 | 12 | 1 |

Sample type: SILT.

DEERHORN ROAD — SILT SAMPLE

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 9002 Accredited Co.)

# GEOCHEMICAL ANALYSIS CERTIFICATE

**Wahl, Herb** PROJECT MAGALLOY File # A301809

R.R. 10, 1416 Ocean Beach, Gibson BC V0N 1V3 Submitted by: Herb Wahl

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppb | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Hg ppm | Sc ppm | Tl ppm | S % | Ga ppm | Se ppm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| G-1 | 1.2 | 2.7 | 2.3 | 37 | <.1 | 3.9 | 3.8 | 496 | 1.73 | <.5 | 2.7 | .6 | 4.0 | 60 | <.1 | <.1 | .1 | 36 | .55 | .081 | 7 | 24.2 | .49 | 187 | .110 | 1 | .97 | .057 | .34 | 1.0 | <.01 | 2.1 | .2 | <.05 | 4 | <.5 |
| MA-378S | 1.4 | 38.4 | 3.1 | 66 | .2 | 23.8 | 10.2 | 1118 | 1.22 | 3.5 | 1.2 | 1.7 | .4 | 119 | .6 | .3 | .1 | 38 | 1.85 | .118 | 8 | 25.7 | .37 | 161 | .033 | 6 | .82 | .015 | .05 | <.1 | 2.74 | 2.3 | .1 | .22 | 2 | 1.0 |
| MB-500S | 1.3 | 238.1 | 3.2 | 28 | .7 | 52.2 | 6.3 | 147 | 1.64 | 6.7 | 15.5 | 5.3 | .8 | 131 | .1 | .8 | .1 | 75 | 1.94 | .113 | 24 | 53.8 | .50 | 150 | .045 | 4 | 1.54 | .019 | .06 | .1 | 1.62 | 5.5 | .1 | .18 | 4 | 3.3 |
| MA2-ST | .3 | 12.7 | 3.9 | 38 | .1 | 13.9 | 7.9 | 924 | 1.82 | 2.8 | .7 | 1.1 | 2.4 | 54 | <.1 | .2 | .1 | 39 | .67 | .080 | 8 | 39.3 | .59 | 122 | .073 | 2 | 1.39 | .018 | .07 | .1 | .56 | 4.9 | .1 | <.05 | 4 | <.5 |
| STANDARD | 6.8 | 127.7 | 30.4 | 158 | .3 | 34.0 | 12.1 | 791 | 3.15 | 22.5 | 6.5 | 26.0 | 3.6 | 26 | 5.3 | 4.9 | 5.0 | 74 | .51 | .087 | 16 | 159.3 | .59 | 142 | .081 | 1 | 1.75 | .028 | .14 | 4.1 | .28 | 3.5 | 1.1 | .06 | 6 | 1.3 |

Standard is STANDARD DS4.

GROUP 1DX - 15.00 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SILT SS80 60C

**DATE RECEIVED:** JUN 2 2003 **DATE REPORT MAILED:** June 12/03 **SIGNED BY:** C. Leong D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



Data FA ___

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO ! 2 Accredited Co.)

# GEOCHEMICAL ANALYSIS CERTIFICATE

**Wahl, Herb** PROJECT MAGALLOY File # A301811

R.R. 10, 1416 Ocean Beach, Gibson BC V0N 1V3 Submitted by: Herb Wahl

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Au* ppb |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SI | <1 | 1 | <3 | 4 | <.3 | <1 | <1 | 185 | .04 | <2 | <8 | <2 | <2 | 3 | <.5 | <3 | <3 | <1 | .11 | <.001 | <1 | 1 | <.01 | 3 | <.01 | <3 | <.01 | .56 | <.01 | <2 | 4.3 |
| MB 1400S-10E | 1 | 1 | 7 | 47 | <.3 | 3 | 2 | 284 | 1.84 | 14 | <8 | <2 | <2 | 131 | <.5 | <3 | <3 | 39 | .76 | .091 | <1 | 5 | .40 | 52 | .09 | <3 | .96 | .15 | .07 | 2 | 12.2 |
| M-1R | 2 | 490 | 4 | 36 | .3 | 7 | 11 | 293 | 1.38 | 4 | <8 | <2 | <2 | 138 | <.5 | <3 | <3 | 42 | .69 | .101 | 3 | 6 | .95 | 132 | .08 | <3 | 1.46 | .08 | .06 | <2 | 7.3 |
| M-2R | 1 | 129 | <3 | 51 | <.3 | 7 | 109 | 936 | 6.39 | 4 | <8 | <2 | <2 | 17 | <.5 | <3 | <3 | 76 | .24 | .055 | 1 | 6 | 1.77 | 33 | <.01 | 3 | 2.19 | .03 | .14 | <2 | 36.9 |
| M-3R | <1 | 4 | <3 | 13 | <.3 | 5 | 1 | 91 | 2.54 | 50 | <8 | <2 | <2 | 71 | <.5 | <3 | <3 | 79 | 1.03 | .348 | 1 | 25 | .15 | 58 | .08 | <3 | .53 | .13 | .03 | <2 | 3.1 |
| M-4R | 5 | 18 | <3 | 8 | <.3 | 3 | 5 | 76 | 1.56 | <2 | <8 | <2 | 3 | 349 | <.5 | <3 | <3 | 19 | .28 | .060 | 3 | 7 | .35 | 160 | .03 | 4 | .76 | .05 | .05 | <2 | 2.5 |
| STANDARD DS4/AU-R | 7 | 132 | 30 | 156 | <.3 | 33 | 11 | 759 | 3.13 | 23 | <8 | <2 | 5 | 28 | 5.3 | 5 | 5 | 75 | .50 | .090 | 17 | 158 | .60 | 145 | .08 | <3 | 1.78 | .03 | .16 | 3 | 467.0 |

GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK R150 60C AU* IGNITED, ACID LEACHED, ANALYZED BY ICP-MS. (15 gm)

**DATE RECEIVED:** JUN 2 2003 **DATE REPORT MAILED:** June 13/03 **SIGNED BY** C. Leong ..D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



Data FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716
(ISO 2 Accredited Co.)

# GEOCHEMICAL ANALYSIS CERTIFICATE

**Wahl, Herb** PROJECT MAGALLOY File # A304663

R.R. 10, 1416 Ocean Beach, Gibson BC VON 1V3 Submitted by: Herb Wahl

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppb | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Hg ppm | Sc ppm | Tl ppm | S % | Ga ppm | Se ppm | Sample gm |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| GC-1 | 1.5 | 15.1 | 8.3 | 66 | .1 | 18.4 | 11.0 | 298 | 2.29 | 3.1 | 1.4 | 1.2 | 4.8 | 17 | .4 | .2 | .3 | 25 | .27 | .082 | 21 | 25.4 | .58 | 48 | .062 | 1 | 1.16 | .007 | .17 | .7 | .02 | 2.2 | .1 | <.05 | 4 | <.5 | 7.5 |
| MX-1S | 1.0 | 26.9 | 2.4 | 79 | .1 | 60.3 | 20.1 | 482 | 3.81 | 2.9 | .9 | .5 | 1.1 | 79 | .1 | .1 | <.1 | 41 | 1.00 | .092 | 9 | 43.0 | 1.64 | 158 | .165 | 4 | 1.80 | .054 | .09 | .1 | .03 | 3.8 | <.1 | <.05 | 5 | .6 | 15.0 |
| MX-2S | 1.2 | 23.9 | 3.0 | 34 | .1 | 30.4 | 6.0 | 120 | 1.24 | 1.8 | 1.2 | .9 | .9 | 50 | .1 | .2 | <.1 | 27 | .87 | .073 | 6 | 29.9 | .33 | 60 | .073 | 5 | .82 | .023 | .05 | <.1 | .03 | 3.5 | <.1 | .16 | 2 | .8 | 7.5 |
| MX-3S | 2.0 | 36.2 | 2.2 | 34 | .1 | 70.4 | 13.5 | 716 | 2.17 | 5.0 | 5.4 | 1.6 | .2 | 135 | .3 | .3 | <.1 | 74 | 2.25 | .110 | 6 | 21.2 | .48 | 112 | .029 | 8 | .74 | .018 | .04 | <.1 | .09 | 1.6 | <.1 | .24 | 2 | 2.5 | 1.0 |
| MX-4S | .8 | 17.7 | 2.7 | 64 | .1 | 40.0 | 21.0 | 1548 | 4.99 | 17.0 | .7 | .9 | 1.3 | 93 | .2 | .2 | <.1 | 51 | 1.17 | .206 | 11 | 33.6 | 1.00 | 148 | .135 | 3 | .99 | .052 | .06 | <.1 | .03 | 3.1 | <.1 | .06 | 4 | .8 | 7.5 |
| MX-5S | .2 | 9.2 | 1.8 | 32 | <.1 | 20.0 | 7.0 | 210 | 1.39 | 1.7 | .5 | 5.9 | 1.1 | 39 | <.1 | .1 | <.1 | 24 | .56 | .056 | 6 | 19.5 | .40 | 59 | .083 | 2 | .65 | .023 | .05 | <.1 | .02 | 2.0 | <.1 | <.05 | 2 | <.5 | 15.0 |
| MX-5S2 | .3 | 13.2 | 2.5 | 50 | <.1 | 31.3 | 12.7 | 592 | 2.23 | 2.3 | .7 | 5.1 | 1.5 | 56 | .1 | .1 | <.1 | 40 | .74 | .089 | 10 | 31.7 | .68 | 103 | .132 | 1 | 1.06 | .041 | .07 | <.1 | .02 | 2.6 | .1 | <.05 | 3 | <.5 | 15.0 |
| MX-6S | .4 | 11.7 | 1.6 | 49 | <.1 | 29.6 | 12.9 | 288 | 2.61 | 2.8 | .4 | .8 | 1.2 | 56 | .1 | .1 | <.1 | 33 | .74 | .110 | 8 | 29.9 | .56 | 71 | .104 | 2 | .84 | .039 | .04 | <.1 | .03 | 2.5 | <.1 | <.05 | 3 | .5 | 15.0 |
| RE MX-5S2 | .4 | 15.3 | 2.5 | 52 | <.1 | 34.7 | 13.1 | 617 | 2.30 | 2.5 | .6 | 1.0 | 1.5 | 54 | .1 | .2 | <.1 | 38 | .72 | .085 | 9 | 32.6 | .68 | 106 | .119 | 2 | 1.01 | .037 | .06 | .1 | .02 | 2.5 | <.1 | <.05 | 3 | <.5 | 15.0 |
| MX-7S | 4.7 | 24.1 | 4.1 | 70 | .1 | 46.8 | 17.2 | 7627 | 4.71 | 17.4 | 2.5 | 1.4 | 2.0 | 93 | .1 | .2 | .1 | 46 | 1.05 | .118 | 9 | 66.4 | 1.23 | 566 | .113 | 2 | 1.99 | .025 | .16 | <.1 | .02 | 7.1 | .1 | <.05 | 6 | .5 | 7.5 |
| MX-8S | 1.6 | 26.6 | 2.5 | 61 | .1 | 70.6 | 19.0 | 2675 | 3.83 | 11.8 | 1.4 | 11.6 | .8 | 77 | .1 | .2 | <.1 | 40 | 1.12 | .095 | 7 | 31.9 | 1.59 | 204 | .090 | 3 | 1.21 | .056 | .09 | .1 | .02 | 2.7 | .1 | <.05 | 4 | .7 | 15.0 |
| STANDARD DS5 | 13.1 | 145.7 | 25.1 | 140 | .2 | 24.5 | 12.7 | 799 | 3.18 | 19.1 | 6.0 | 43.7 | 2.9 | 52 | 5.6 | 3.8 | 6.2 | 62 | .76 | .101 | 15 | 186.0 | .69 | 143 | .125 | 21 | 2.18 | .034 | .14 | 4.9 | .18 | 3.6 | 1.1 | <.05 | 7 | 5.2 | 15.0 |

GROUP 1DX - 15.0 GM SAMPLE LEACHED WITH 90 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, ANALYSED BY ICP-MS.
UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM.
- SAMPLE TYPE: SILT SS80 60C Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

**DATE RECEIVED:** SEP 30 2003 **DATE REPORT MAILED:** Oct 16/2003 **SIGNED BY** ..D. TOYE, C.LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



Data FA ___

Quality Analysis... Actlabs Innovative Technologies

Invoice No.: A03-1116
Work Order: A03-1116
Invoice Date: 11-JUL-03
Date Submitted: 13-JUN-03
Your Reference: A301857
Account Number: 159

ACME ANALYTICAL LABORATORIES LTD.
852 E. HASTINGS ST.,
VANCOUVER, B.C.
V6A 1R6
ATTN: CLARENCE LEONG

## CERTIFICATE OF ANALYSIS

30 PULP(S) MAGALLOY were submitted for analysis.

The following analytical packages were requested. Please see current fee schedule for elements and detection limits.

REPORT 031116RPT.XLS CODE 7 ENHANCED - ENZYME LEACH ICP/MS(ENZYME.REV1)



CERTIFIED BY :

DR E.HOFFMAN/GENERAL MANAGER

ACTIVATION LABORATORIES LTD.
1336 Sandhill Drive, Ancaster, Ontario Canada L9G 4V5 TELEPHONE +1.905.648.9611 or +1.888.228.5227 FAX +1.905.648.9613
E-MAIL ancaster@actlabs.com ACTLABS GROUP WEBSITE http://www.actlabs.com

**Enzyme Leach Job #: A03-1116** **Report#: A03-1116** **Customer: Acme Labs** **Contact: C. Leong**

Trace element values are in parts per billion. Negative values equal NOT DETECTED at that lower limit. Elements arranged by suite and by atomic mass.
Values = 999999 are greater than the working range of the instrument. S.Q. = That element is determined SEMIQUANTITATIVELY.

| *Enhanced Package:* | *Oxidation Suite:* | | | | | | | | | | | | | | | *Base Metals:* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID: | S.Q. Cl | Br | I | V | As | Se | Mo | Sb | Te | W | Re | Au | S.Q. Hg | Th | U | Co | Ni | Cu | Zn | Pb |
| MA 00 | 10700 | 86 | 42 | 83.5 | 3.3 | 1 | 2.9 | 0.89 | -0.5 | 0.7 | -0.005 | -0.005 | 0.2 | 2.08 | 1.50 | 69.3 | 39.8 | 23.7 | 25 | 2.9 |
| MA 50S | 17800 | 47 | 34 | 106 | 9.4 | 3 | 11.3 | 1.07 | -0.5 | 1.5 | 0.008 | -0.005 | 0.3 | 1.34 | 0.82 | 89.0 | 45.9 | 14.8 | 235 | 1.5 |
| MA 100S | 9680 | 55 | 26 | 130 | 11.0 | 2 | 3.3 | 0.61 | -0.5 | 0.2 | -0.005 | -0.005 | 0.2 | 1.14 | 0.62 | 33.0 | 40.4 | 7.9 | 12 | 0.6 |
| MA 150S | 13600 | 50 | 32 | 113 | 6.9 | 2 | 6.3 | 0.63 | -0.5 | 0.3 | -0.005 | -0.005 | 0.1 | 2.01 | 0.93 | 38.5 | 28.4 | 17.1 | 9 | 0.9 |
| MA 200S | 19000 | 75 | 49 | 183 | 8.5 | 3 | 17.7 | 1.16 | -0.5 | 0.6 | 0.006 | -0.005 | 0.3 | 1.42 | 1.95 | 135 | 33.0 | 47.6 | -5 | 1.0 |
| MA 250S | 15300 | 68 | 60 | 224 | 10.1 | 3 | 9.9 | 1.26 | -0.5 | 0.5 | -0.005 | -0.005 | 0.1 | 1.45 | 1.27 | 107 | 36.2 | 45.5 | -5 | 0.3 |
| MA 300S | 14400 | 98 | 49 | 216 | 10.8 | 2 | 7.6 | 0.50 | -0.5 | 0.2 | 0.023 | 0.019 | 0.1 | 0.41 | 0.41 | 21.8 | 16.8 | 13.6 | -5 | -0.1 |
| MA 350S | 32700 | 210 | 43 | 2370 | 38.0 | 17 | 91.3 | 17.5 | -0.5 | 1.8 | 0.600 | 0.011 | 0.3 | 0.37 | 1.99 | 42.3 | 156 | 124 | -5 | -0.1 |
| MA 400S | 13600 | 119 | 104 | 644 | 17.0 | 5 | 49.3 | 3.07 | -0.5 | 0.8 | 0.054 | 0.021 | -0.1 | 3.02 | 0.41 | 105 | 236 | 91.0 | -5 | -0.1 |
| MA 450S | 63200 | 378 | 56 | 493 | 71.7 | 9 | 39.3 | 2.69 | -0.5 | 2.1 | 0.295 | -0.005 | 0.2 | 0.28 | 0.18 | 8.6 | 13.5 | 17.6 | -5 | 1.2 |
| MA 500S | 11300 | 76 | 38 | 122 | 3.6 | -1 | 2.2 | 0.58 | -0.5 | 0.2 | -0.005 | -0.005 | -0.1 | 1.49 | 1.07 | 26.4 | 32.6 | 8.9 | -5 | 0.6 |
| MA 550S | 9370 | 89 | 54 | 223 | 14.3 | 1 | 3.3 | 0.53 | -0.5 | 0.3 | -0.005 | -0.005 | -0.1 | 3.91 | 1.17 | 37.4 | 40.8 | 20.0 | -5 | 2.9 |
| MA 600S | 13400 | 71 | 45 | 148 | 4.6 | 1 | 3.5 | 0.69 | -0.5 | 0.3 | -0.005 | -0.005 | 0.1 | 1.66 | 0.80 | 108 | 32.1 | 13.8 | 77 | 0.5 |
| MA 650S | 12400 | 62 | 40 | 128 | 4.8 | 2 | 6.1 | 0.47 | -0.5 | 0.4 | 0.008 | -0.005 | 0.2 | 2.06 | 0.85 | 90.2 | 51.5 | 9.9 | -5 | 1.7 |
| MA 700S | 14900 | 68 | 33 | 131 | 7.0 | 2 | 5.8 | 0.87 | -0.5 | 0.5 | -0.005 | -0.005 | 0.1 | 1.48 | 0.86 | 68.4 | 44.2 | 58.8 | 51 | 0.7 |
| MA 750S | 13100 | 50 | 23 | 157 | 8.2 | 2 | 5.6 | 0.95 | -0.5 | 0.4 | 0.006 | -0.005 | -0.1 | 2.13 | 1.15 | 95.5 | 56.3 | 24.7 | 46 | 0.3 |
| MA 800S | 14700 | 89 | 58 | 207 | 18.3 | 2 | 4.0 | 0.60 | -0.5 | 0.3 | -0.005 | -0.005 | -0.1 | 2.22 | 0.50 | 59.4 | 23.5 | 16.0 | -5 | 0.7 |
| MA 850S | 26900 | 77 | 65 | 167 | 11.7 | 2 | 41.7 | 0.97 | -0.5 | 0.7 | 0.011 | -0.005 | 0.3 | 2.53 | 1.04 | 119 | 126 | 39.1 | 54 | 2.0 |
| MA 950S | 14300 | 87 | 51 | 105 | 3.2 | 2 | 15.2 | 0.47 | -0.5 | 0.4 | 0.010 | -0.005 | -0.1 | 1.24 | 0.62 | 93.2 | 82.4 | 14.0 | 116 | 1.3 |
| MA 1000S | 23200 | 358 | 168 | 954 | 17.0 | 18 | 23.8 | 2.55 | -0.5 | 1.9 | 0.009 | -0.005 | 0.4 | 0.50 | 1.00 | 30.8 | 53.3 | 52.8 | -5 | -0.1 |
| MA 1050S | 34800 | 372 | 69 | 19.7 | 43.4 | 3 | 20.8 | 0.87 | 0.6 | 3.5 | 0.062 | 0.011 | 1.2 | 0.09 | 0.09 | 6.3 | 17.8 | 23.4 | 32 | 1.3 |
| MA 1100S | 22100 | 59 | 42 | 139 | 4.8 | 1 | 21.4 | 0.57 | -0.5 | 0.5 | 0.015 | -0.005 | -0.1 | 1.50 | 0.72 | 184 | 79.8 | 18.4 | 104 | 1.3 |
| MA 1150S | 28600 | 176 | 81 | 112 | 6.4 | -1 | 9.5 | 0.61 | -0.5 | 0.2 | 0.008 | 0.008 | 0.3 | 2.92 | 1.03 | 94.1 | 73.5 | 38.8 | 201 | 1.1 |
| MA 1200S | 17600 | 105 | 89 | 314 | 11.7 | -1 | 6.2 | 1.15 | -0.5 | 0.9 | 0.012 | -0.005 | 0.2 | 4.08 | 1.97 | 50.5 | 37.5 | 37.9 | -5 | 1.7 |
| MA 1250S | 20200 | 285 | 151 | 328 | 18.4 | 3 | 13.8 | 2.13 | -0.5 | 1.0 | 0.007 | -0.005 | 0.2 | 11.20 | 2.94 | 64.8 | 90.7 | 63.8 | -5 | 3.3 |
| MA 1300S | 64200 | 374 | 135 | 1100 | 84.6 | 7 | 68.4 | 4.27 | -0.5 | 4.3 | 0.621 | -0.005 | 1.2 | 0.11 | 0.72 | 14.8 | 33.4 | 33.0 | -5 | 1.6 |
| MA 1350S | 18300 | 80 | 45 | 134 | 8.4 | 1 | 43.7 | 0.60 | -0.5 | 0.8 | -0.005 | -0.005 | 0.2 | 1.44 | 0.44 | 150 | 59.5 | 4.9 | 98 | 0.8 |
| MA 1400S | 89900 | 683 | 139 | 50.3 | 108 | 3 | 21.1 | 0.90 | 0.6 | 4.9 | 0.098 | 0.008 | 0.9 | 0.17 | 0.21 | 17.6 | 18.7 | 23.3 | -5 | 1.7 |
| MA 1450S | 73400 | 706 | 353 | 24.6 | 144 | 4 | 241 | 5.36 | 0.5 | 3.3 | 0.199 | -0.005 | 2.1 | 0.07 | 1.42 | 13.4 | 28.2 | 42.1 | 16 | 2.7 |
| MA 1500S | 23400 | 85 | 65 | 157 | 11.2 | -1 | 11.6 | 0.94 | -0.5 | 0.5 | -0.005 | -0.005 | 0.1 | 1.48 | 0.86 | 108 | 66.7 | 7.8 | 24 | 1.4 |

Certified By:

C. Douglas Read, BSc.
Laboratory Manager, Activation Laboratories Ltd.

Date Received: 13-Jun-03



Date Reported: 09-Jul-03

**Enzyme Leach Job #: A03-1116**
Trace element values are in parts per billi
Values = 999999 are greater than the w
***Enhanced Package:***

| | *Base Metal - Chalcophile Association Indicators:* | | | | | | | | *High-Field Strength Elements:* | | | | | | | *Rare Earth Elements:* | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID: | Ga | Ge | Ag | Cd | In | Sn | Tl | Bi | S.Q. Ti | S.Q. Cr | Y | Zr | Nb | Hf | Ta | La | Ce | Pr | Nd | Sm |
| MA 00 | 2.9 | 0.10 | -0.1 | 1.7 | 0.03 | 0.2 | 0.274 | 0.7 | 1120 | 4 | 6.03 | 25.4 | 1.7 | 0.74 | 0.20 | 5.38 | 11.9 | 1.43 | 6.25 | 1.33 |
| MA 50S | 2.6 | 0.14 | -0.1 | 5.1 | -0.01 | 0.3 | 0.252 | 0.5 | 1800 | -3 | 2.08 | 20.3 | 2.2 | 0.58 | 0.29 | 1.98 | 6.18 | 0.52 | 2.02 | 0.51 |
| MA 100S | 2.0 | 0.07 | -0.1 | 1.6 | -0.01 | -0.2 | 0.106 | -0.5 | 1780 | 4 | 1.50 | 17.6 | 2.0 | 0.52 | 0.14 | 1.70 | 3.29 | 0.40 | 1.58 | 0.34 |
| MA 150S | 2.0 | 0.14 | -0.1 | 2.1 | 0.01 | -0.2 | 0.155 | -0.5 | 1430 | -3 | 2.96 | 28.4 | 2.1 | 0.68 | 0.15 | 3.67 | 8.81 | 0.92 | 3.41 | 0.74 |
| MA 200S | 1.8 | 0.30 | -0.1 | 2.1 | -0.01 | 0.3 | 0.621 | -0.5 | 1110 | 9 | 14.3 | 39.1 | 1.8 | 1.07 | 0.14 | 9.70 | 21.6 | 3.31 | 15.6 | 3.32 |
| MA 250S | 1.3 | 0.30 | -0.1 | 1.8 | -0.01 | -0.2 | 0.182 | -0.5 | 857 | 3 | 10.1 | 36.1 | 1.7 | 0.94 | 0.20 | 7.73 | 18.9 | 2.36 | 10.4 | 2.45 |
| MA 300S | 0.6 | 0.19 | -0.1 | 0.4 | -0.01 | -0.2 | 0.098 | -0.5 | 785 | -3 | 0.97 | 8.1 | 2.3 | 0.21 | 0.30 | 0.98 | 2.80 | 0.27 | 1.13 | 0.28 |
| MA 350S | 0.6 | 2.51 | 0.2 | 1.9 | -0.01 | -0.2 | 0.529 | -0.5 | 638 | -3 | 5.27 | 11.1 | 1.6 | 0.15 | 0.23 | 4.35 | 6.81 | 1.22 | 5.73 | 1.29 |
| MA 400S | 1.2 | 0.50 | -0.1 | 0.6 | 0.01 | -0.2 | 0.220 | -0.5 | 694 | 12 | 34.9 | 71.3 | 3.6 | 1.08 | 0.16 | 25.1 | 46.7 | 8.04 | 36.7 | 7.98 |
| MA 450S | 0.4 | -0.05 | -0.1 | 0.6 | -0.01 | -0.2 | 0.583 | -0.5 | 515 | -3 | 0.36 | 1.5 | 0.6 | 0.02 | 0.10 | 0.31 | 0.52 | 0.09 | 0.27 | 0.06 |
| MA 500S | 2.2 | 0.14 | -0.1 | 1.9 | -0.01 | 0.3 | 0.200 | -0.5 | 925 | -3 | 5.05 | 23.4 | 1.2 | 0.70 | 0.10 | 4.35 | 8.40 | 1.21 | 5.22 | 1.06 |
| MA 550S | 1.6 | 0.14 | -0.1 | 1.9 | 0.01 | -0.2 | 0.160 | -0.5 | 1380 | 8 | 3.57 | 43.7 | 1.9 | 1.13 | 0.05 | 4.83 | 11.6 | 1.21 | 4.40 | 0.96 |
| MA 600S | 2.1 | 0.16 | -0.1 | 3.2 | 0.01 | 0.4 | 0.211 | -0.5 | 1040 | -3 | 4.20 | 25.4 | 1.2 | 0.63 | 0.06 | 3.81 | 7.75 | 0.98 | 4.29 | 0.96 |
| MA 650S | 3.4 | 0.16 | -0.1 | 3.0 | 0.02 | 0.4 | 0.245 | -0.5 | 1600 | 3 | 2.68 | 25.9 | 1.6 | 0.77 | 0.05 | 3.18 | 7.56 | 0.81 | 3.29 | 0.77 |
| MA 700S | 2.2 | 0.09 | -0.1 | 2.7 | 0.01 | 0.5 | 0.150 | -0.5 | 1710 | -3 | 2.57 | 19.4 | 1.6 | 0.50 | 0.04 | 2.57 | 5.70 | 0.63 | 2.73 | 0.66 |
| MA 750S | 1.4 | 0.16 | -0.1 | 2.8 | 0.02 | -0.2 | 0.182 | -0.5 | 1990 | 17 | 4.07 | 31.2 | 2.3 | 0.88 | 0.06 | 4.38 | 11.1 | 1.30 | 5.17 | 1.20 |
| MA 800S | 1.7 | 0.10 | -0.1 | 1.2 | -0.01 | 0.2 | 0.154 | -0.5 | 1380 | -3 | 4.32 | 36.9 | 2.6 | 0.97 | 0.08 | 3.26 | 7.82 | 0.81 | 2.97 | 0.73 |
| MA 850S | 11.3 | 0.20 | -0.1 | 2.3 | 0.05 | 0.3 | 0.176 | -0.5 | 4610 | 125 | 5.33 | 75.7 | 7.4 | 2.33 | 0.16 | 3.58 | 9.85 | 1.23 | 5.42 | 1.54 |
| MA 950S | 2.8 | 0.32 | -0.1 | 1.4 | 0.02 | 0.2 | 0.076 | -0.5 | 1990 | 27 | 4.00 | 26.4 | 1.7 | 0.92 | 0.07 | 2.94 | 7.33 | 0.94 | 4.10 | 1.23 |
| MA 1000S | -0.3 | 0.19 | 1.6 | 0.8 | -0.01 | 0.4 | 0.116 | -0.5 | 629 | 4 | 2.09 | 16.0 | 2.3 | 0.30 | 0.11 | 1.46 | 3.62 | 0.40 | 1.97 | 0.48 |
| MA 1050S | 0.6 | -0.05 | 0.7 | 1.2 | -0.01 | -0.2 | 0.261 | -0.5 | 605 | -3 | 0.05 | 0.7 | 0.3 | -0.01 | 0.11 | 0.98 | 1.03 | 0.14 | 0.78 | 0.11 |
| MA 1100S | 3.8 | 0.16 | -0.1 | 1.3 | 0.03 | 0.5 | 0.151 | -0.5 | 2310 | 27 | 3.29 | 26.0 | 2.2 | 0.74 | 0.05 | 4.04 | 7.16 | 0.72 | 3.26 | 0.77 |
| MA 1150S | 2.5 | 0.27 | -0.1 | 1.5 | 0.05 | 0.2 | 0.122 | -0.5 | 3090 | 73 | 8.17 | 72.9 | 4.5 | 2.22 | 0.12 | 6.77 | 17.9 | 2.35 | 10.0 | 2.52 |
| MA 1200S | 1.5 | 0.07 | -0.1 | 1.3 | 0.02 | -0.2 | 0.144 | -0.5 | 2270 | 47 | 4.27 | 46.1 | 4.4 | 1.33 | 0.12 | 4.95 | 14.5 | 1.37 | 5.71 | 1.44 |
| MA 1250S | 1.9 | 0.33 | -0.1 | 1.1 | 0.03 | 0.3 | 0.111 | -0.5 | 2340 | 85 | 32.6 | 140 | 6.4 | 3.80 | 0.15 | 31.4 | 81.1 | 10.5 | 45.3 | 11.1 |
| MA 1300S | 0.3 | 0.15 | 1.5 | 1.6 | -0.01 | -0.2 | 0.231 | -0.5 | 524 | -3 | 0.38 | 1.9 | 0.5 | -0.01 | 0.07 | 1.50 | 1.77 | 0.21 | 1.06 | 0.18 |
| MA 1350S | 3.8 | 0.15 | -0.1 | 2.6 | 0.02 | -0.2 | 0.157 | -0.5 | 3180 | -3 | 2.24 | 29.4 | 3.2 | 0.85 | 0.07 | 2.34 | 6.37 | 0.66 | 2.55 | 0.77 |
| MA 1400S | 1.0 | -0.05 | 1.1 | 1.3 | 0.01 | -0.2 | 0.115 | -0.5 | 773 | -3 | 0.51 | 1.0 | 0.3 | -0.01 | 0.07 | 1.27 | 1.40 | 0.21 | 0.89 | 0.18 |
| MA 1450S | 1.6 | 0.07 | 1.1 | 2.4 | 0.02 | -0.2 | 0.259 | -0.5 | 978 | -3 | 0.12 | 0.8 | 0.2 | -0.01 | 0.06 | 1.95 | 1.70 | 0.27 | 1.51 | 0.10 |
| MA 1500S | 5.1 | 0.27 | -0.1 | 2.5 | 0.02 | 0.3 | 0.114 | -0.5 | 4150 | 8 | 3.84 | 23.1 | 2.8 | 0.65 | 0.08 | 2.88 | 6.77 | 0.82 | 3.63 | 0.93 |

**Enzyme Leach Job #: A03-1116**
Trace element values are in parts per billi
Values = 999999 are greater than the w
***Enhanced Package:***

| | | | | | | | | | | *Lithophile Elements:* | | | | | | | | *P.G.E.s:* | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample ID: | Eu | Gd | Tb | Dy | Ho | Er | Tm | Yb | Lu | S.Q. Li | Be | S.Q. Sc | Mn | Rb | Sr | Cs | Ba | Ru | Pd | Os | Pt |
| MA 00 | 1.15 | 1.27 | 0.21 | 1.06 | 0.22 | 0.62 | 0.09 | 0.53 | 0.09 | 4.0 | 3.5 | 12 | 2630 | 74.0 | 1180 | 1.00 | 5480 | -0.5 | -0.5 | -0.5 | -0.5 |
| MA 50S | 0.65 | 0.53 | 0.08 | 0.42 | 0.09 | 0.22 | 0.04 | 0.27 | 0.03 | 15.1 | 1.0 | 12 | 18400 | 65.5 | 1740 | 0.36 | 4040 | -0.5 | -0.5 | -0.5 | -0.5 |
| MA 100S | 0.79 | 0.40 | 0.06 | 0.38 | 0.05 | 0.20 | 0.03 | 0.17 | 0.02 | 18.1 | 1.6 | -10 | 482 | 48.6 | 1640 | 0.27 | 4770 | -0.5 | -0.5 | -0.5 | -0.5 |
| MA 150S | 1.45 | 0.98 | 0.15 | 0.76 | 0.12 | 0.39 | 0.05 | 0.31 | 0.05 | 5.7 | 1.7 | 19 | 4210 | 54.7 | 1720 | 0.43 | 8240 | -0.5 | -0.5 | -0.5 | -0.5 |
| MA 200S | 1.14 | 3.25 | 0.50 | 2.43 | 0.48 | 1.55 | 0.18 | 1.32 | 0.18 | 6.5 | 1.6 | 17 | 26700 | 50.4 | 2360 | 0.28 | 1710 | -0.5 | -0.5 | -0.5 | -0.5 |
| MA 250S | 0.87 | 2.37 | 0.36 | 1.75 | 0.35 | 1.13 | 0.15 | 0.94 | 0.18 | 10.3 | 0.9 | 16 | 18300 | 39.1 | 1940 | 0.26 | 1540 | -0.5 | -0.5 | -0.5 | -0.5 |
| MA 300S | 0.12 | 0.23 | 0.03 | 0.21 | 0.04 | 0.10 | -0.01 | 0.09 | 0.01 | 17.3 | 0.1 | 12 | 2910 | 44.0 | 2100 | 0.18 | 620 | -0.5 | -0.5 | -0.5 | -0.5 |
| MA 350S | 0.41 | 1.20 | 0.15 | 0.85 | 0.17 | 0.45 | 0.06 | 0.50 | 0.07 | 40.5 | 1.0 | 16 | 4020 | 11.4 | 3460 | 0.20 | 764 | -0.5 | -0.5 | -0.5 | -0.5 |
| MA 400S | 1.98 | 7.52 | 1.14 | 5.94 | 1.19 | 3.76 | 0.53 | 3.62 | 0.61 | 37.8 | 0.8 | 22 | 23300 | 6.9 | 1810 | 0.22 | 769 | -0.5 | -0.5 | -0.5 | -0.5 |
| MA 450S | 0.07 | 0.09 | -0.01 | 0.06 | 0.01 | 0.04 | -0.01 | 0.04 | -0.01 | 16.6 | -0.1 | 20 | 2290 | 79.6 | 3780 | 1.13 | 480 | -0.5 | -0.5 | -0.5 | -0.5 |
| MA 500S | 0.90 | 1.19 | 0.18 | 0.87 | 0.18 | 0.54 | 0.10 | 0.53 | 0.08 | 3.5 | 2.1 | 19 | 2830 | 73.9 | 2030 | 0.47 | 3950 | -0.5 | -0.5 | -0.5 | -0.5 |
| MA 550S | 0.82 | 0.95 | 0.13 | 0.82 | 0.14 | 0.46 | 0.06 | 0.39 | 0.05 | 15.2 | 4.7 | 17 | 917 | 50.9 | 1900 | 0.46 | 3400 | -0.5 | -0.5 | -0.5 | -0.5 |
| MA 600S | 0.85 | 1.07 | 0.13 | 0.86 | 0.17 | 0.52 | 0.07 | 0.41 | 0.07 | 5.3 | 2.7 | 18 | 7270 | 52.7 | 1910 | 0.34 | 4120 | -0.5 | -0.5 | -0.5 | -0.5 |
| MA 650S | 0.68 | 0.73 | 0.10 | 0.56 | 0.13 | 0.36 | 0.05 | 0.27 | 0.04 | 12.9 | 2.3 | 21 | 8700 | 62.8 | 2010 | 0.44 | 3100 | -0.5 | -0.5 | -0.5 | -0.5 |
| MA 700S | 0.90 | 0.73 | 0.13 | 0.46 | 0.11 | 0.33 | 0.05 | 0.27 | 0.03 | 5.9 | 3.3 | 20 | 3050 | 74.2 | 1860 | 0.47 | 4470 | -0.5 | -0.5 | -0.5 | -0.5 |
| MA 750S | 0.60 | 1.18 | 0.16 | 0.87 | 0.18 | 0.53 | 0.06 | 0.44 | 0.06 | 12.5 | 2.3 | 18 | 6280 | 71.7 | 1760 | 0.30 | 2210 | -0.5 | -0.5 | -0.5 | -0.5 |
| MA 800S | 0.54 | 0.73 | 0.11 | 0.48 | 0.12 | 0.38 | 0.03 | 0.33 | 0.06 | 3.8 | 1.0 | 17 | 7170 | 41.1 | 1480 | 0.26 | 2100 | -0.5 | -0.5 | -0.5 | -0.5 |
| MA 850S | 0.85 | 1.52 | 0.23 | 1.17 | 0.21 | 0.72 | 0.08 | 0.72 | 0.09 | 24.0 | 2.5 | 36 | 11400 | 68.9 | 1650 | 0.38 | 2990 | -0.5 | -0.5 | -0.5 | -0.5 |
| MA 950S | 0.65 | 1.17 | 0.18 | 1.00 | 0.16 | 0.49 | 0.05 | 0.42 | 0.06 | 31.6 | 1.7 | 20 | 1810 | 55.0 | 1180 | 0.30 | 2810 | -0.5 | -0.5 | -0.5 | -0.5 |
| MA 1000S | 0.17 | 0.50 | 0.09 | 0.47 | 0.08 | 0.32 | 0.04 | 0.19 | 0.03 | 16.6 | -0.1 | 55 | 887 | 11.9 | 5710 | 0.70 | 363 | -0.5 | -0.5 | -0.5 | -0.5 |
| MA 1050S | 0.07 | 0.07 | -0.01 | 0.02 | -0.01 | 0.02 | -0.01 | 0.02 | -0.01 | 12.7 | -0.1 | 32 | 3850 | 49.0 | 4460 | 0.84 | 298 | -0.5 | -0.5 | -0.5 | -0.5 |
| MA 1100S | 1.03 | 0.76 | 0.14 | 0.63 | 0.15 | 0.45 | 0.05 | 0.37 | 0.06 | 22.8 | 3.2 | 32 | 15600 | 50.7 | 1760 | 0.49 | 4520 | -0.5 | -0.5 | -0.5 | -0.5 |
| MA 1150S | 1.05 | 2.51 | 0.36 | 2.04 | 0.36 | 1.01 | 0.15 | 0.87 | 0.12 | 34.9 | 1.2 | 36 | 3170 | 40.0 | 1670 | 0.44 | 2420 | -0.5 | -0.5 | -0.5 | -0.5 |
| MA 1200S | 0.45 | 1.23 | 0.19 | 0.94 | 0.16 | 0.52 | 0.08 | 0.53 | 0.07 | 5.1 | 0.7 | 26 | 2980 | 25.9 | 2090 | 0.28 | 823 | -0.5 | -0.5 | -0.5 | -0.5 |
| MA 1250S | 2.59 | 9.58 | 1.54 | 7.57 | 1.50 | 4.16 | 0.52 | 3.29 | 0.46 | 6.6 | 1.9 | 46 | 759 | 15.3 | 2030 | 0.31 | 570 | -0.5 | -0.5 | -0.5 | -0.5 |
| MA 1300S | 0.07 | 0.14 | 0.02 | 0.08 | 0.02 | 0.05 | -0.01 | 0.04 | -0.01 | 8.3 | -0.1 | 26 | 6380 | 66.0 | 4820 | 0.49 | 422 | -0.5 | -0.5 | -0.5 | -0.5 |
| MA 1350S | 1.15 | 0.70 | 0.10 | 0.50 | 0.11 | 0.31 | 0.05 | 0.30 | 0.04 | 19.4 | 1.8 | 29 | 50900 | 30.5 | 1840 | 0.32 | 5800 | -0.5 | -0.5 | -0.5 | -0.5 |
| MA 1400S | 0.07 | 0.17 | 0.03 | 0.10 | 0.03 | 0.09 | -0.01 | 0.04 | -0.01 | 21.9 | -0.1 | 32 | 12900 | 88.2 | 4040 | 1.09 | 191 | -0.5 | -0.5 | -0.5 | -0.5 |
| MA 1450S | 0.18 | 0.09 | 0.01 | 0.05 | -0.01 | 0.02 | -0.01 | 0.03 | -0.01 | 5.5 | -0.1 | 35 | 38300 | 88.3 | 6950 | 1.51 | 949 | -0.5 | -0.5 | -0.5 | -0.5 |
| MA 1500S | 1.00 | 0.81 | 0.14 | 0.83 | 0.15 | 0.46 | 0.06 | 0.42 | 0.09 | 22.8 | 1.9 | 32 | 8870 | 54.7 | 1860 | 0.55 | 4220 | -0.5 | -0.5 | -0.5 | -0.5 |

Gregory T. Hill
Consulting Geologist/Geochemist
785 Andrew Lane, Reno, NV 89511
775-849-2135, hillgregt@aol.com

29 July 2003

Herb Wahl
Exploration Geologist
RR-10 1416 Ocean Beach Espl.
Gibsons, B.C.
Canada V0N 1V3

Dear Herb,

I have reviewed the Enzyme Leach data from the MA traverse you completed at your Magalloy project. The base maps provide a good frame of reference from which to interpret the geochemical results. Several profiles are attached in which elements are normalized and grouped so that they can be displayed together. An Excel spreadsheet containing all profiles is also included.

The Cu and Zn values are almost all at background levels with only two Cu values exceeding 60 ppb and the highest reaching 91 ppb Cu. Zinc also shows low responses with only two values above 200 ppb Zn.

Although significant responses for a number of oxidation suite elements are present, a distinctive oxidation anomaly is not defined by these samples. There is very little zoning among these elements; most oxidation suite peaks occur within the same samples. One exception may be the Th distribution which forms peaks that are internal to the peaks of other oxidation suite elements such as Mo and Re. However, this element differentiation is not sufficient to define an oxidation anomaly.

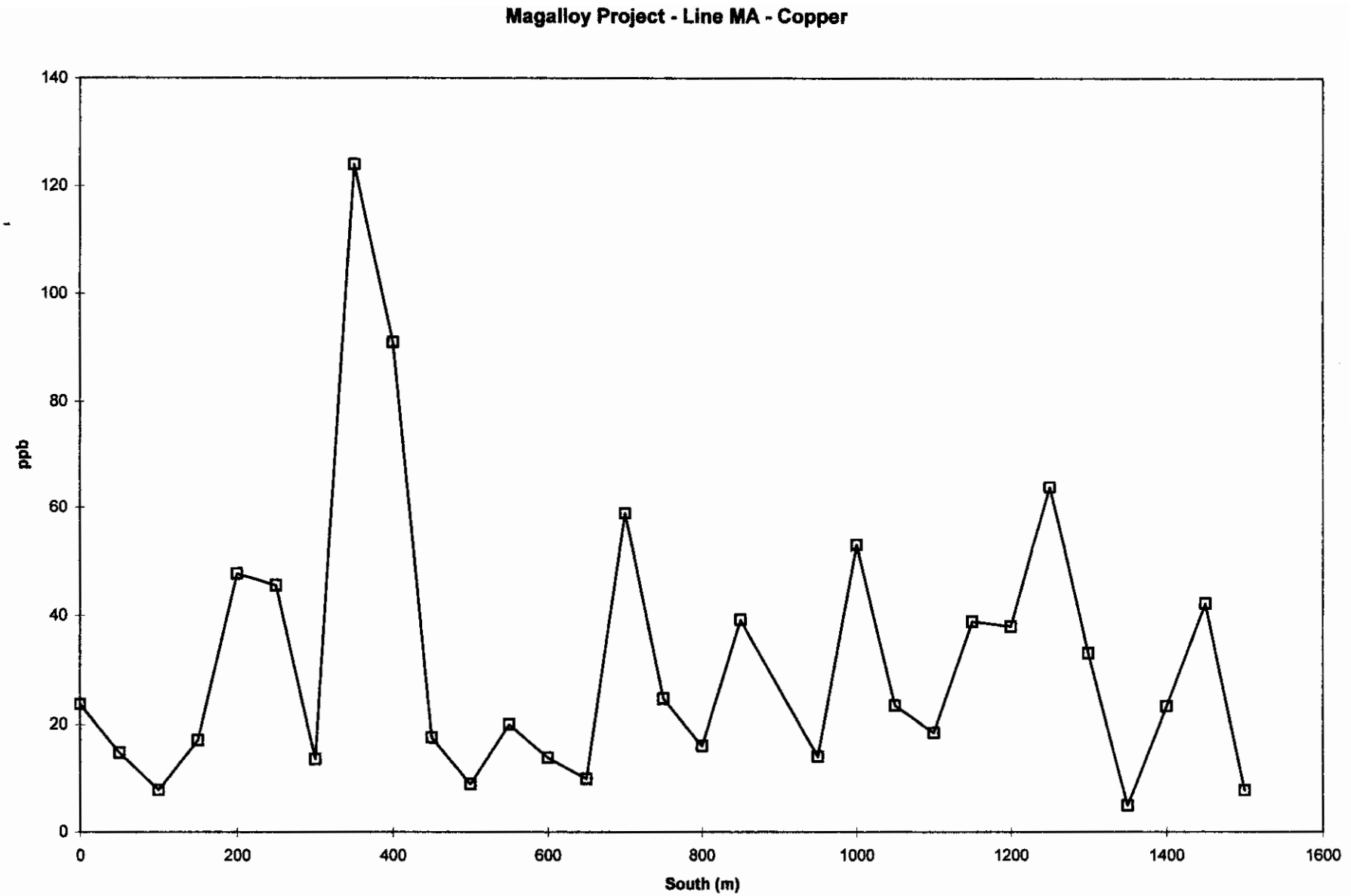
The presence of these strong multielement peaks suggests that either sample type (or depth) or faults control the distribution of elements along Line MA. A comparison of mapped sample types does not reveal an obvious control by that parameter. Interestingly although elements of a particular group tend to plot together, the peaks formed by different element groups occur within different samples. This may represent heterogeneous sample materials or possibly the presence of fault and/or fracture zones.

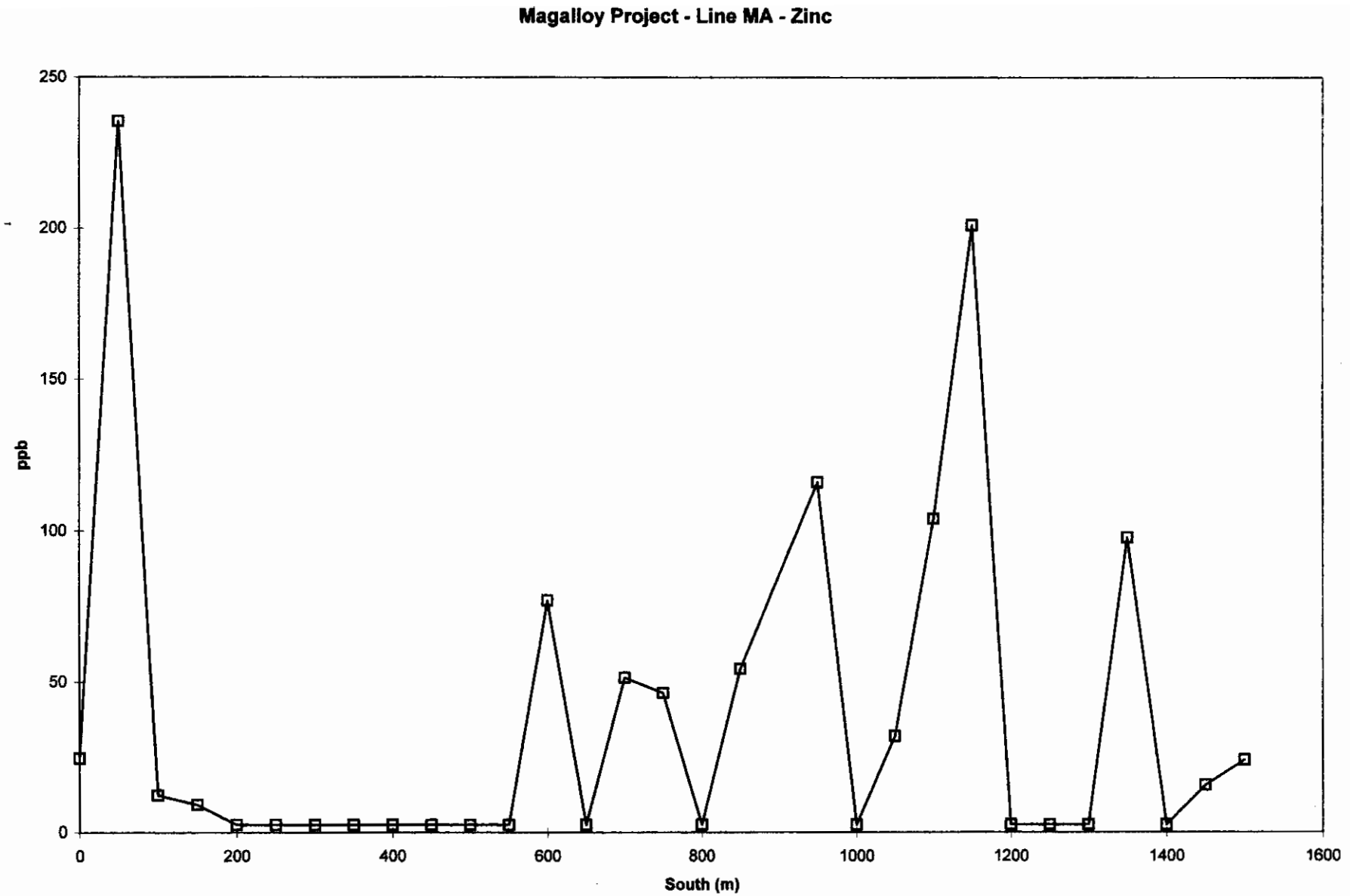
Because an oxidation anomaly has not been located, moderate enrichments of some oxidation suite elements have not been explained. It is entirely possible that an oxidation anomaly is present but requires additional sampling in order to be recognized. Therefore, if other project

data warrant it, additional soil sampling is recommended as an effort to locate an oxidation anomaly. Some of the highest responses of many elements occur near the southern end of the sample line. Therefore extending Line MA to the south as well as sampling parallel to Line MA is suggested.

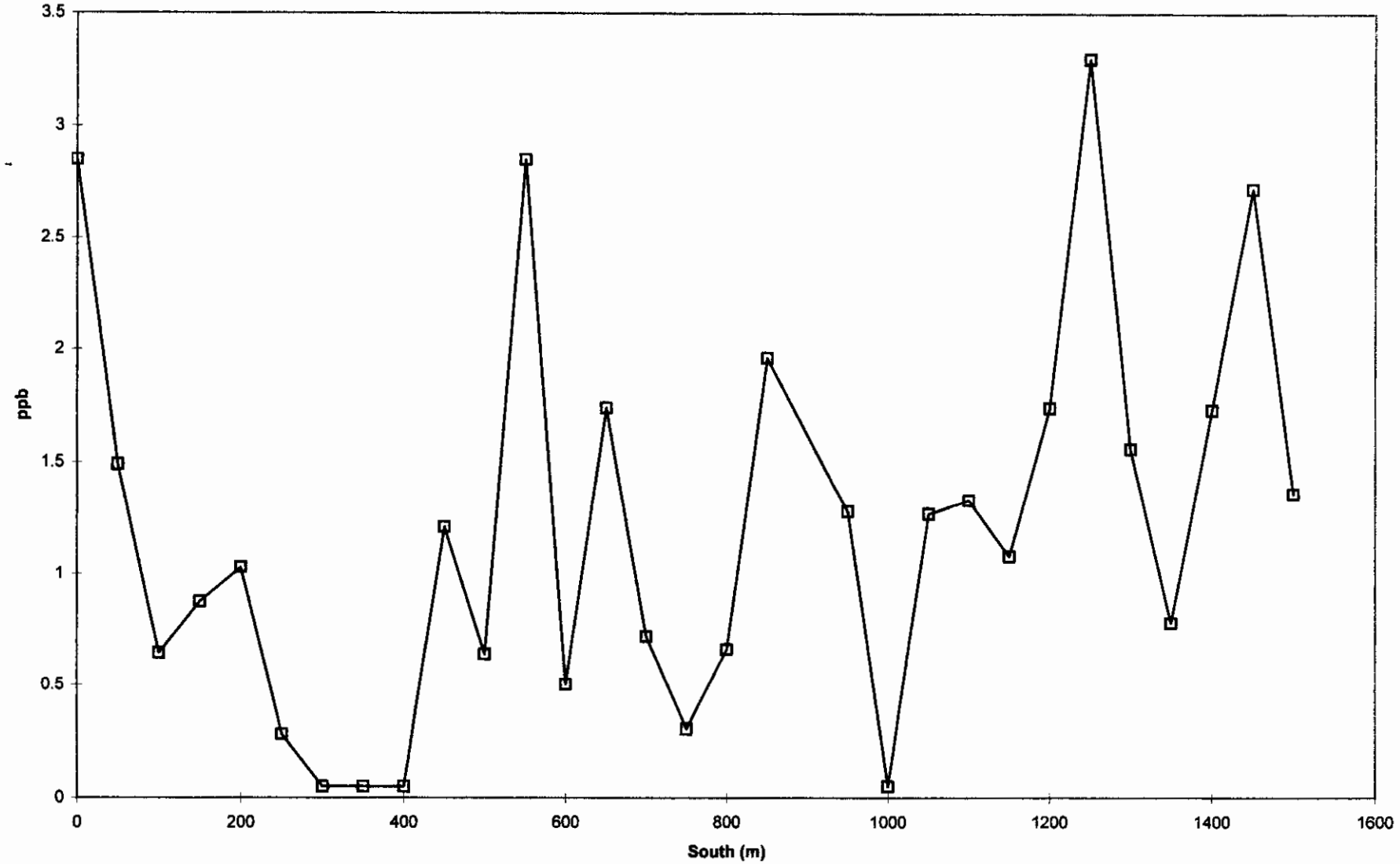
Sincerely,

Gregory T. Hill
Geologist/Geochemist

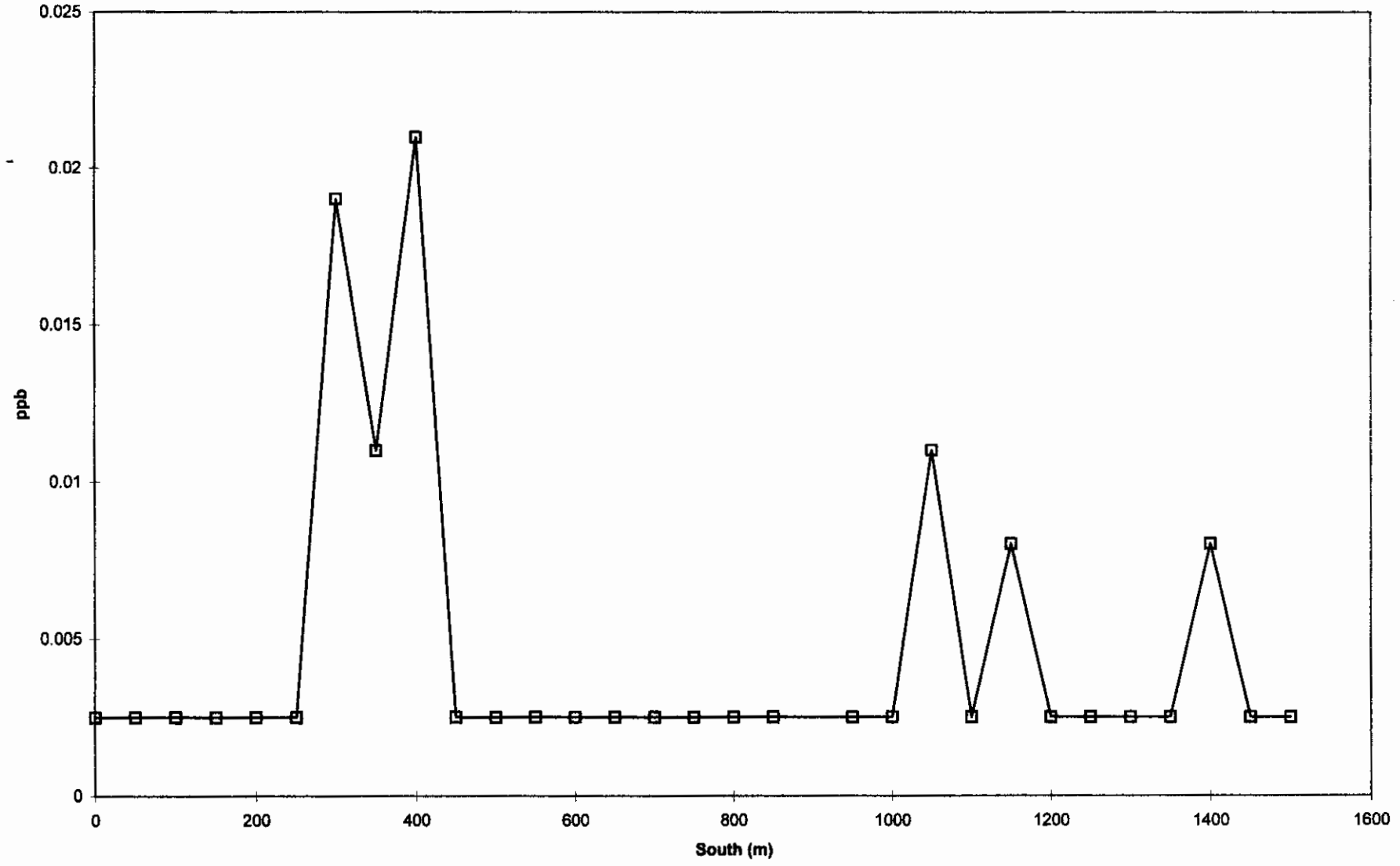

Magalloy Project - Line MA - Copper
140
120
100
80
60
40
20
0
ppb
0
200
400
600
800
1000
1200
1400
1600
South (m)


Magalloy Project - Line MA - Zinc
250
200
150
100
50
0
ppb
0
200
400
600
800
1000
1200
1400
1600
South (m)

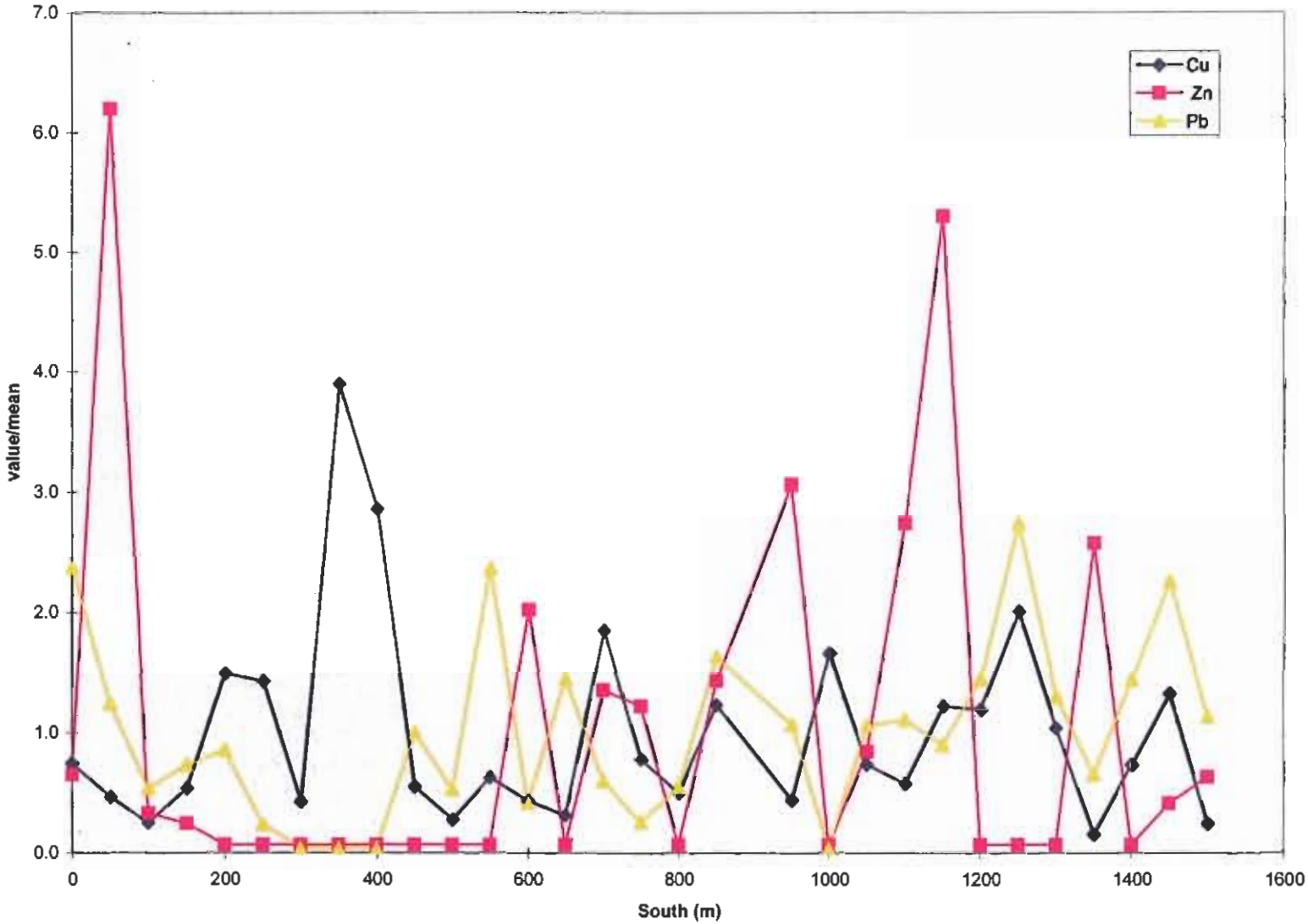
**Magalloy Project - Line MA - Lead**

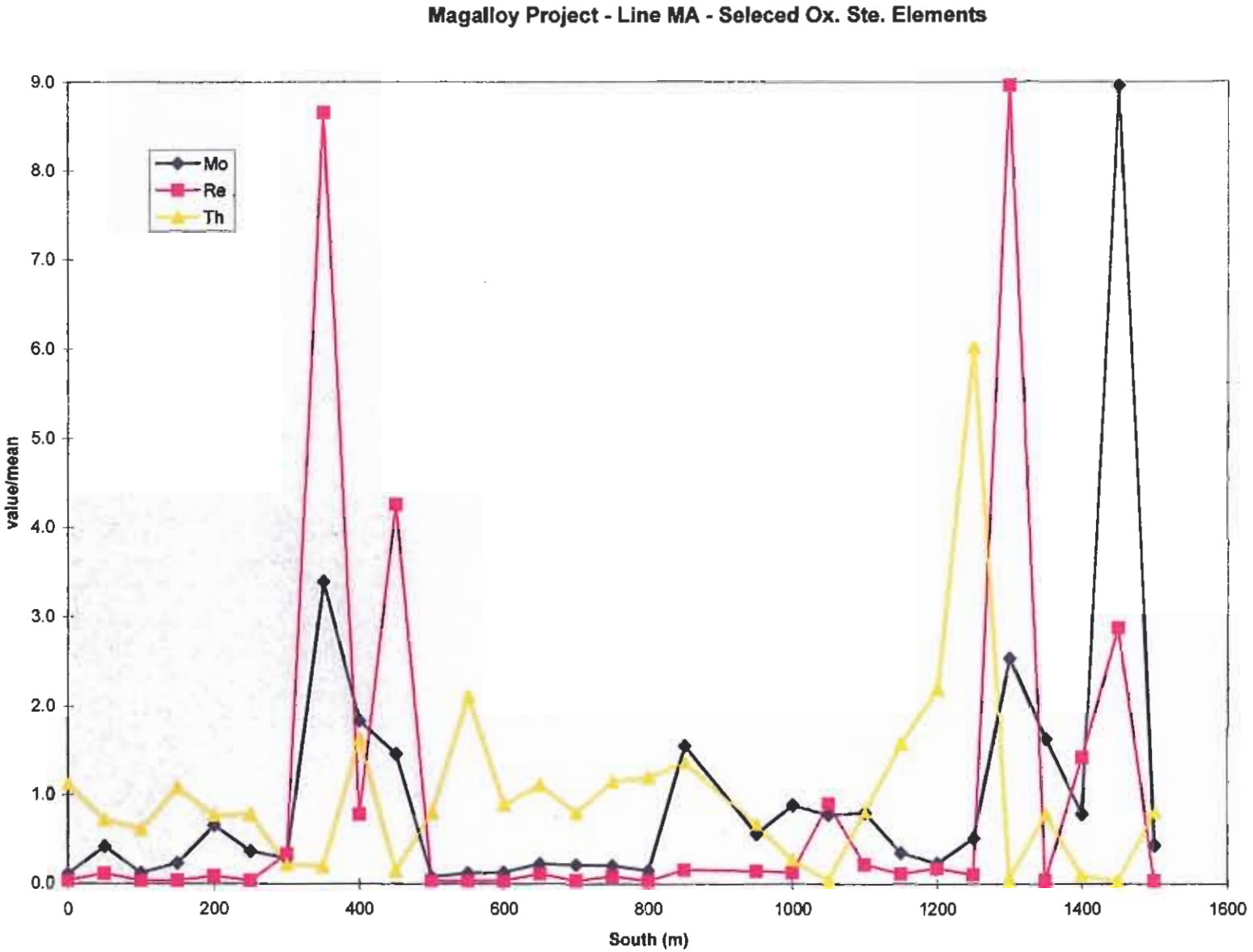


**Magalloy Project - Line MA - Gold**

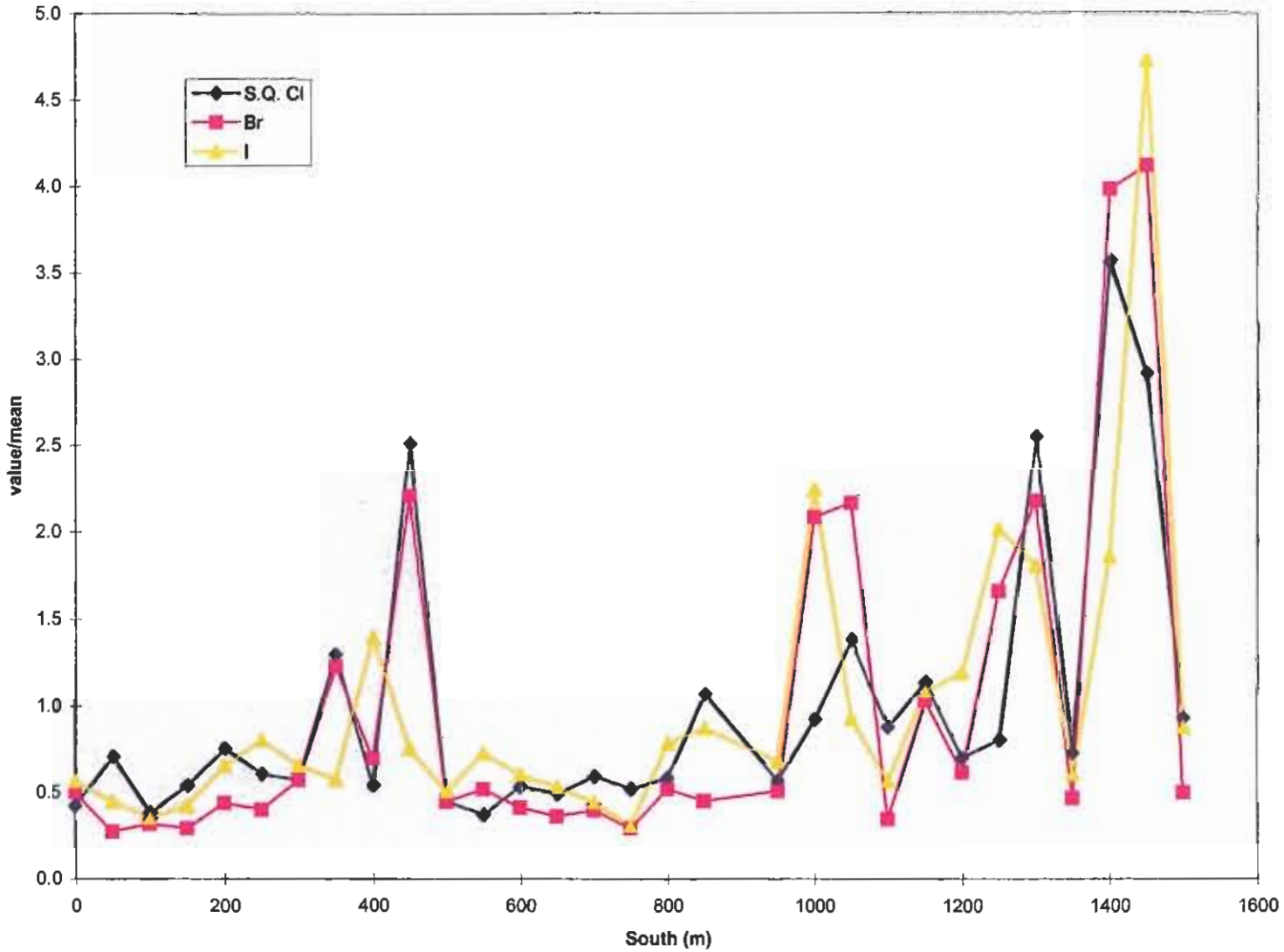


## Magalloy Project - Line MA - Base Metals

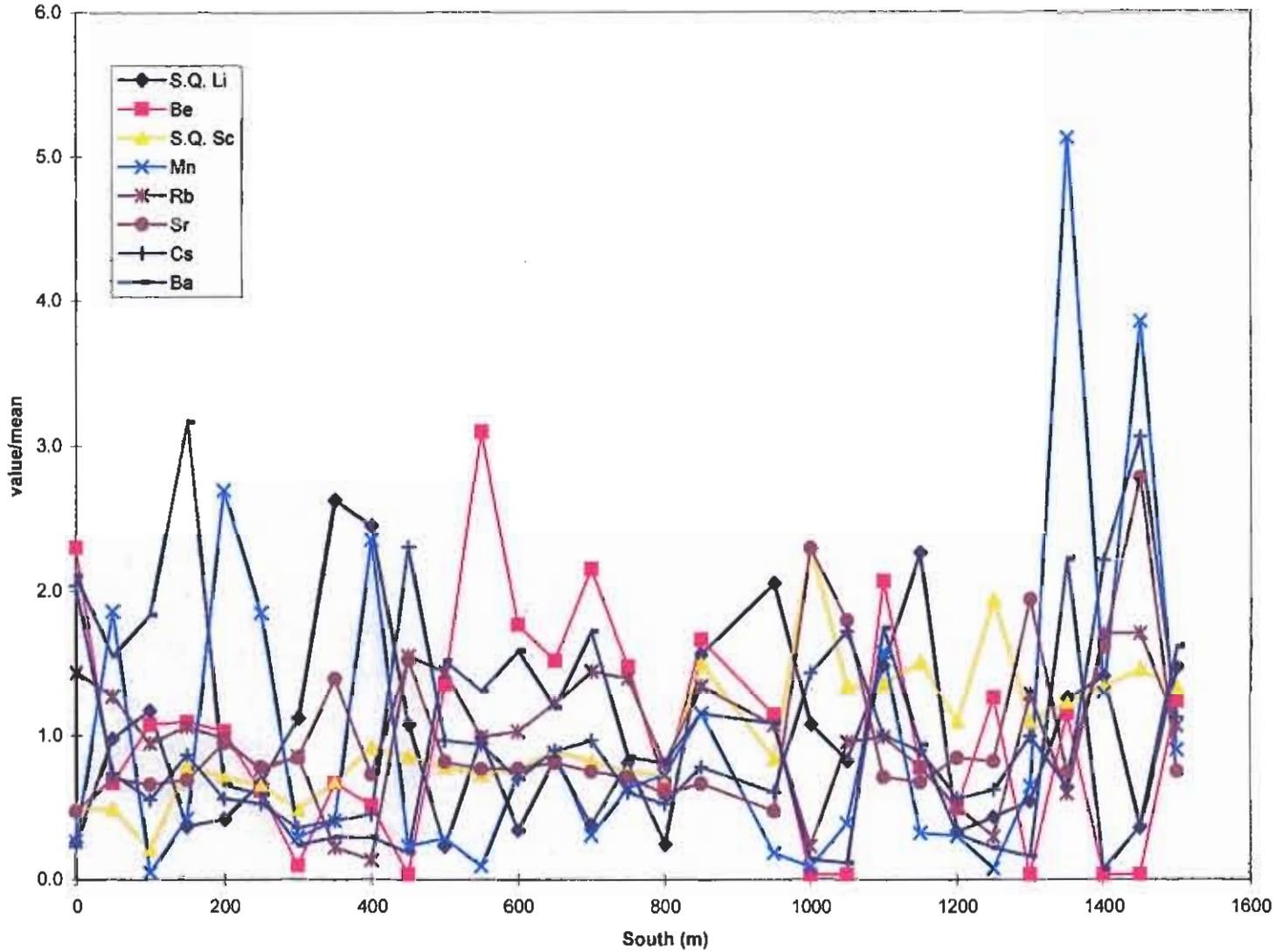



Magalloy Project - Line MA - Seleced Ox. Ste. Elements
Mo
Re
Th
value/mean
South (m)
0.0
1.0
2.0
3.0
4.0
5.0
6.0
7.0
8.0
9.0
0
200
400
600
800
1000
1200
1400
1600

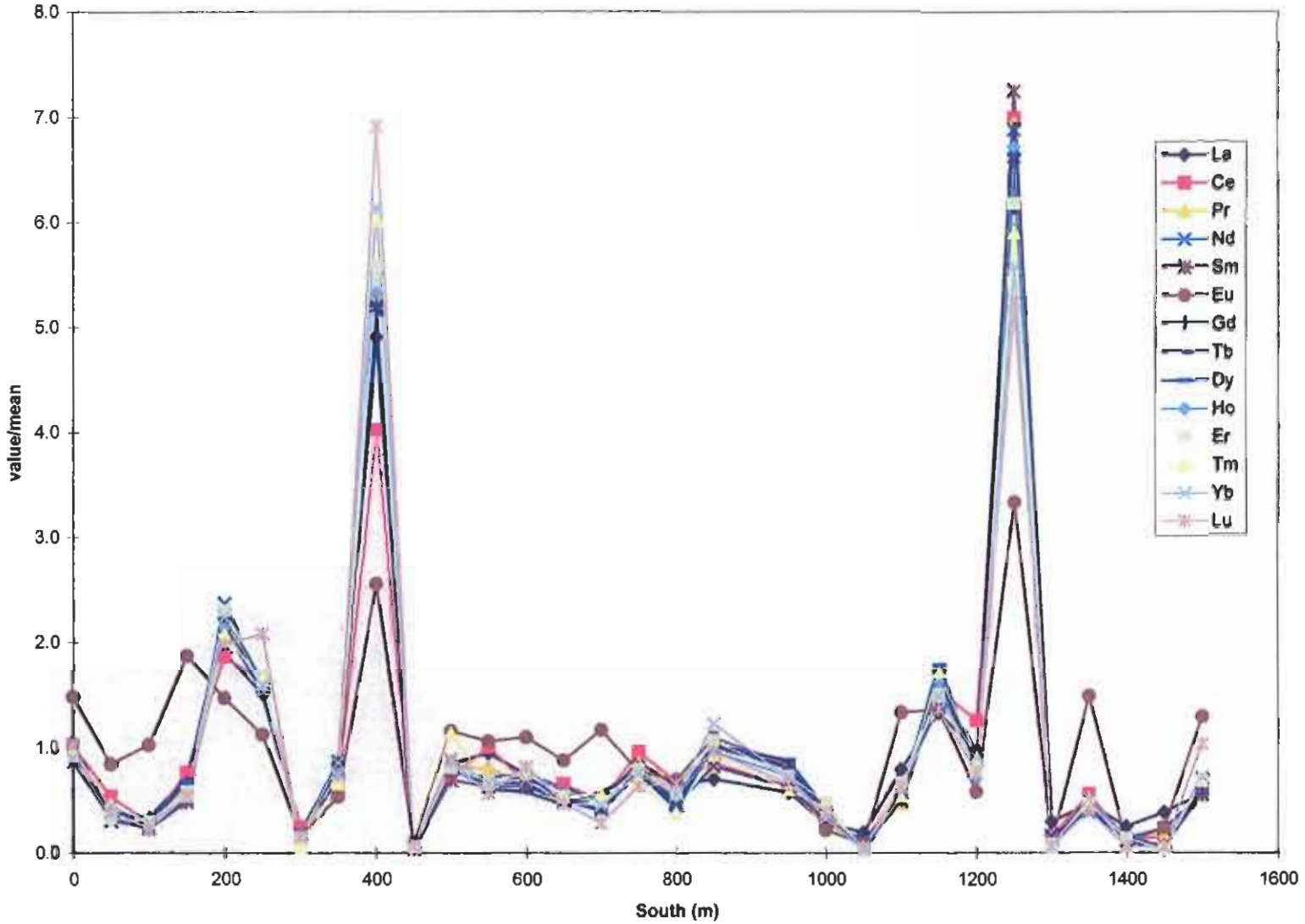
## Magalloy Project - Line MA - Halogens



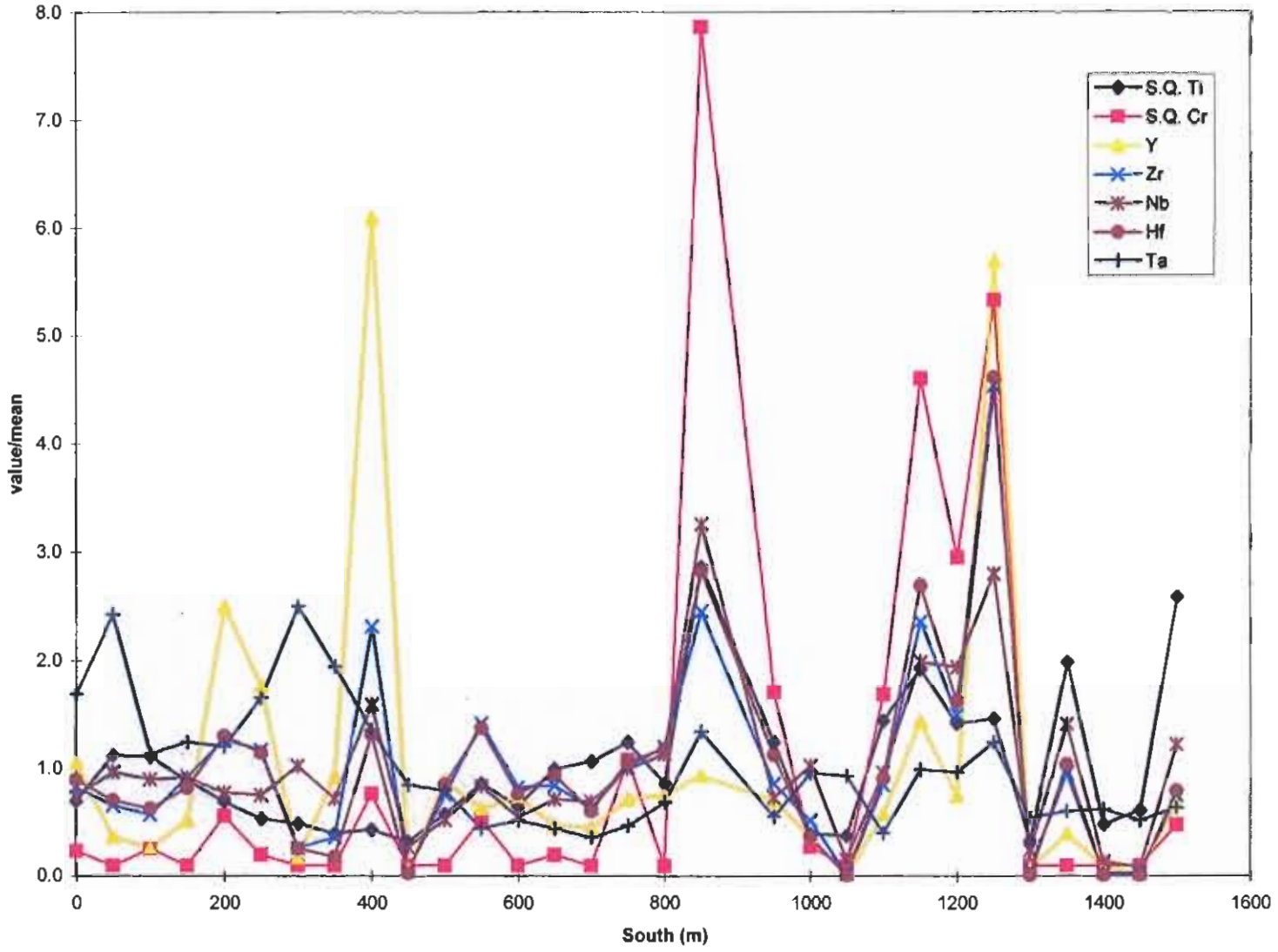
## Magalloy Project - Line MA - Lithophile Elements



## Magalloy Project - Line MA - Rare Earth Elements



**Magalloy Project - Line MA - High Field Strength Elements**



## Magalloy Project - Line MA - Metals

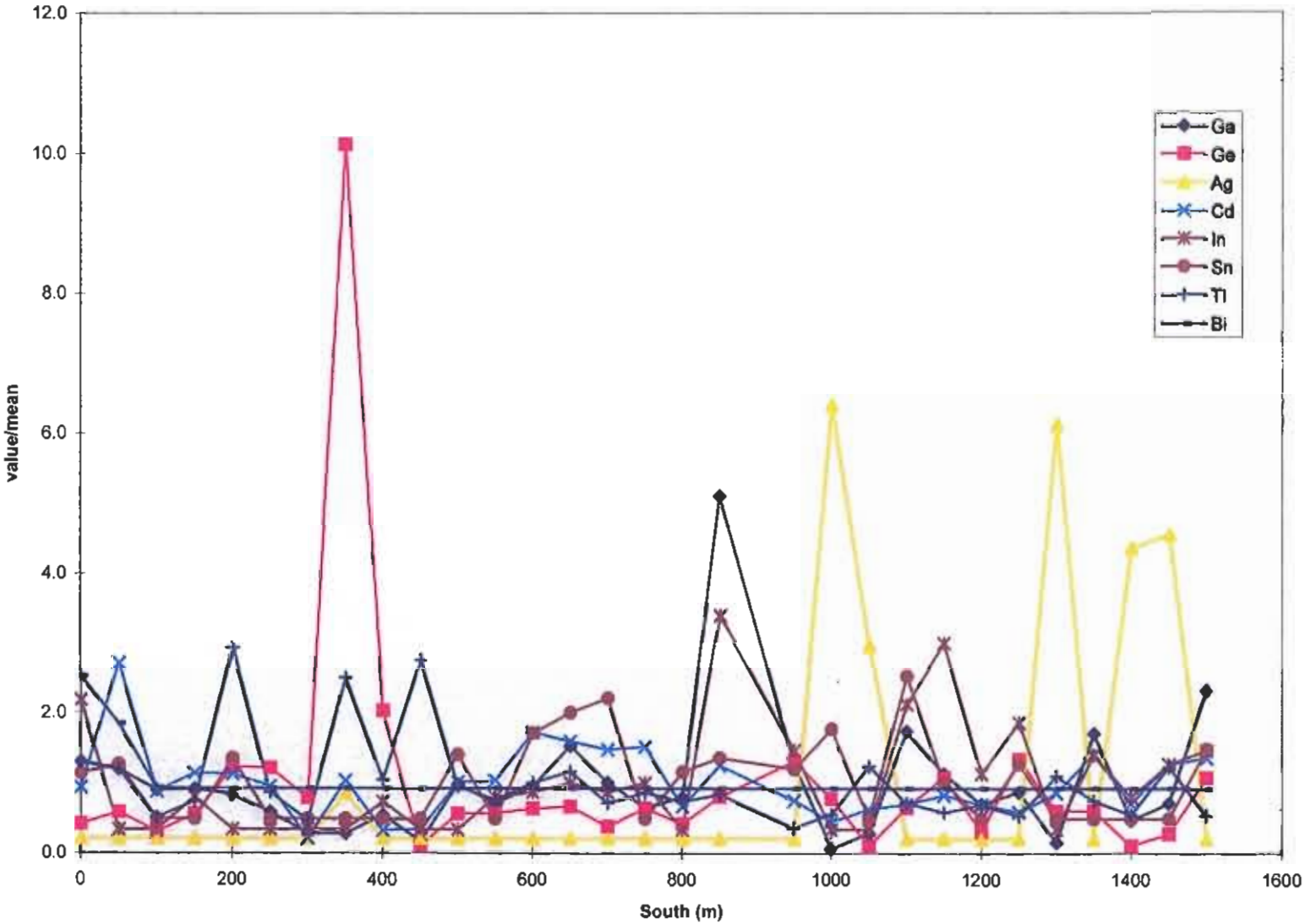


FIG. 6

# MAGALLOY PROJECT

CARIBOO M.D. B.C. NTS 93A-3W

100 0 500 1000

SCALE 1:10,000

FEATURES

- AERODAT MAGNETIC ANOMALY
- 260Cu 1972 LAKE SEDIMENT
- ANOMALOUS RESULT
- STREAM SEDIMENT SITE
- GRANODIORITE OCT. AREA
- FLOAT SAMPLE SITE
- CUT BLOCK OUTLINE (NEW)

H. WAHL, P.ENG. B.C. | JUNE, 2003

MAGEX 1-6

MAGEX 7-10

MAGEX 11-12

121°24'00"

93A.023 93A.024

LT5-76

WL 1450

41

DEERHORN ROAD

MX-55,552

102

MX-65

MX-45

94

MX-35

MX-15

WOODJAM #8

WOODJAM-5

WOODJAM-9

DEERHORN CREEK

MIOCENE

MX-25

LINE MB

LINE MA

M-1R,2R,4R

DR-1ES

DR-1WS

DH-1ST

L.11478

MA-37BS

MB-500S

MA-2ST

MX-7S

MX-8S

155 Cu

L74-75

M-3R

260Cu

ALCES-3

AREA MONZONITE FLOAT

DISM, STRNGR., FRAC. Py(CPY)

CHLORITIZED MAFICS

TAKOM ZONE

≥ 5ppb Au IN SOILS

77-1

74-4

74-3

74-5

OC-2

OC-1

SOUTH LIMIT ROCKRIDGE GRID 'A' 1984

WOODJAM-10

L. 9542

WALTERS LAKE

MB 1400S-10E

1500S

2000S

MAGALLOY 13-14

WALTERS-COSSACK RD.

## GEOCHEMICAL ASSAYS

| SAMPLE # | PPM Cu | PPM Pb | PPM Zn | PPb Au | |
|---|---|---|---|---|---|
| DR-1ES | 37 | <5 | 25 | 1 | ROCKS |
| DR-1WS | 1416 | <5 | 31 | 38 | |
| MB-14S-10E | 1 | 7 | 47 | 12.2 | |
| M-1R | 490 | 4 | 36 | 7.3 | |
| M-2R | 129 | <3 | 51 | 36.9 | |
| M-3R | 4 | <3 | 13 | 3.1 | |
| M-4R | 18 | <3 | 8 | 2.5 | |
| DH-1ST | 25 | 10 | 165 | 1 | SILTS |
| MA-37BS | 38.4 | 3.1 | 66 | 1.7 | |
| MB-500S | 238.1 | 3.2 | 28 | 5.3 | |
| MA2-ST | 12.7 | 3.9 | 38 | 1.1 | |
| MX-1S | 26.9 | 2.4 | 79 | 0.5 | |
| MX-2S | 23.9 | 3.0 | 34 | 0.9 | |
| MX-3S | 36.2 | 2.2 | 34 | 1.6 | |
| MX-4S | 17.7 | 2.7 | 64 | 0.9 | |
| MX-5S | 9.2 | 1.8 | 32 | 5.9 | |
| MX-5S2 | 13.2 | 2.5 | 50 | 5.1 | |
| MX-6S | 11.7 | 1.6 | 49 | 0.8 | |
| MX-7S | 24.1 | 4.1 | 70 | 1.4 | |
| MX-8S | 26.6 | 2.5 | 61 | 11.6 | |

H. Wahl