# MAGALLOY – MAGEX PROJECT Report of August 2006 Geological and Geochemical Survey



Owned and operated by H.J. Wahl

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## LIST OF FIGURES

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- FIG. 2 Claim Location Map, Scale 1:25,000
- FIG. 3 Magalloy Magex VS. 1972 Lake Sediment Anomalies, Scale 1:31,680
- FIG. 4 Magalloy Project, Detailed Vertical Gradient Magnetic Target, Scale 1cm = 204m
- FIG. 5 Results of 2006 Soil Sampling (conventional assay) along extension of line 'MA', Scale 1:2,500
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#### **APPENDICES**

- (1) Acme Assay Report # A700550, 12 Feb. 2007
- (2) Acme Assay Report # A40568, 6 Oct. 2004

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#### SUMMARY

The Magalloy – Magex legacy claims totalling 26 units are located 11 km SSE of Horsefly along the Deerhorn main line. The property adjoins the Woodjam holdings of Fjordland-Wildrose, where drilling is ongoing.

The Magalloy-Magex claims are extensively mantled by glacial drift and are predicated to lie along the eastern edge of Miocene volcanics.

The main target is an aerodat vertical gradient magnetic anomaly coincident with anomalous lake sediment geochemistry. Current work completed consisted of a 500 meter picket line extension to previous soils line 'MA', and a new line of 1,000 m extent. Both lines were soil sampled for conventional geochemical analysis with unimpressive assay results. Further work should be directed towards additional lines across the main target plus similar treatment for anomalous silt site MB-500S.

Costs of the current project are \$3,950.85.

#### INTRODUCTION

The report describes the locations of, and results of follow-up geological and geochemical survey on the Magalloy – Magex 2-post legacy claims during August 2006.

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, <u>King Kong</u> 93A.023 and <u>Kosak</u> 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.)
- 4. Association with strong aeromagnetics, generally 3500  $\partial$  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. Drilling was performed there in 1999 by Phelps Dodge, and has been ongoing since 2003 under operational control of Fjordland Exploration Inc., who are planning additional coring in 2007.

#### PROPERTY

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

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.

#### 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. Logging is ongoing in the 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

<u>1973-77</u> Exploram Minerals Ltd.

Field operations resulting in discovery of Megabuck and Takom showings. Refer assessment reports 5477, 6315, 5548, and 5731.

- <u>1983-84</u> Placer Development, 17 drill holes on Megabuck property. Refer assessment reports 11,379, 12,301, 12,522.
- <u>1983-87</u> 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.
- <u>1992</u> 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.

- <u>1999-2000</u> 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.

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 20-21 August 2006

**Line cutting**: Line 'MA' cut and picketed from 1500 S  $\rightarrow$  2000 South.

Soil sampling: 10 each from line 'MA' and 11 each from line 'MX'.

#### **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. This unit contains no significant metal values based upon previous sampling.

At the south end of line MB (MB-1400S-10E) large blocks of non-magnetic skarn altered volcanic breccia are located. They have a characteristic dark brown-black surface rind. A previous 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 copperanomalous 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

MAGEX N. LIMIT 1972 0 93A.023 SAMPLINE 52°15' • 28 2 •43 MAGALLOY 40 28 ÷. 25 .30 -24 20 12 WALTERSLK • 25 • 2 42 LAKE SEDIMENT SITE CU PPM -5 - Mo = 5PPM •612 Home Cu > Hoppin 1000 0 4000 AEROMAG FEET ANOMALY SCALE 1:31,680 FIG. 3 MAGALLOY-MAGEX: Clip of

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1972 Lake Sediment Survey

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



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.

#### GEOCHEMISTRY

A total of 21 new soil samples were collected along line 'MA' extension and new line 'MX'. Samples were collected at 50 m spacings on line 'MA' and 100 m separations on line 'MX'. Samples were taken at average depth of 20 cm by means of intrenching tool, placed in labelled kraft envelopes and shipped to Acme Labs of Vancouver for analysis. Details of the analytical method are contained in the enclosed assay report. A 15.0 gm sample was selected to maximize detectability.

Sample types were identified as follows:

N = stony glacial drift

B = orange colored 'B' horizon

O = organic

L = loamy, silty soil

Element levels of interest for this sector of the Triassic Quesnel Trough area are documented to be:

'MA' N 2004 SOIL SURVEY ENZYME LEACH 2006 SURVEY- CONVENTIONAL SOIL TYPE <u>Mo Cu Pb ZN</u> (PPM) 0.47-04 - 5.12 - 31.5 B 15505 0 50 100 M 1:2500

B 16005 - 0.56 - 14.85 - 4.41 - 40.5 NTS 093A, 023 CARIBOO M.D.

B 16505 - 0.47-14.08-5.29-35.5

0 17005 0.99 49.97 - 5.75 - 25.1

0 17505 0.59 - 14.53 - 5.01 - 27.6

0 18005 - 0.51- 9.25 - 5.06 - 15.1

0 18505 - 1.14-10.18 - 2.18 - 5.7

N 19005 - 0.55 - 4.91 - 4.10 - 19.3

B 19505 0.47 - 13.14 - 4.21 - 45.8

B 20005 1 0.43-8.90 - 4.35 - 39.5

F.P. MAGEX 13/14

RESULTS OF 2006 CONVENTIONAL ASSAY

GEOCHEMICAL SOILS SURVEY, LINE "MA" EXTENSION

REF. ACME REPORT

H.WAHL

FIG.5

A 700550



None of the recorded values for the current survey approach these levels and results must be considered negative in nature.

The location of the survey along the edge of probable Miocene cover may be a primary cause for lack of response, or the underlying bedrock in the survey area is un-mineralized.

#### **CONCLUSIONS & RECOMMENDATIONS**

The primary target still remains the vertical gradient magnetic anomaly with associated anomalous lake sediment Cu results (5). This target adjoins the Fjordland Resources Takom Zone, where current drilling operations have identified mineralization. Future sampling should be directed towards several lines across the magnetic/lake sediment target, plus new lines covering the area of stream silt-anomalous site MB 500S (5).

Follow-up sampling in 2004 continued to return anomalous results (04M-2S, ppm 203.6 Cu) from the original site. Samples 04M-1S and 04M-3S, at 5 meters north and south of the original site, returned ppm 65 and 55.5 respectively, somewhat above the stream silt background level of ppm 40 Cu. (See Appendix 2 – Acme #A405680).

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

# STATEMENT OF COSTS

Work was performed on the Magalloy – Magex claims by owner Herb Wahl, P.Eng. B.C. of: RR10, 1416 Ocean Beach Esplanade, Gibsons, B.C. Canada. V0N 1V3

Fieldwork, 2 days @ \$700/day, line cutting & soil sampling	\$1,400.00
Field vehicle, 05 F-350 diesel @ \$175/day, 2 days	350.00
Reporting, 3 days @\$400/day	1,200.00
(Code 1) Travel Expense	200.00
(Code 3 & 5) Maps, Prints, Secretarial	300.00
(Code 11) Assays, 21 soils, Acme #A700550	<u>500.85</u>

Total: <u>\$3,950,85</u>

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

# References

- (1) <u>AR 4766</u> Geophysical Report, Exploram Minerals Ltd., HS1-46 Claims, by G.E. White, B.Sc. Geophysicist, 08 Nov. 1973.
- (2) <u>AR 5237</u> Assessment Work Submission (Drilling) on the HS Claims, Cariboo M.D. by E.D. Cruz, P.Eng., Exploram Minerals Ltd., 30 Sept. 1974.
- (3) <u>AR 12, 268</u> 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) <u>AR 22,670</u> Helicopter-borne Geophysical Survey for Noranda Exploration Company Ltd., by R.W. Woolham, P.Eng., Aerodat Ltd., 15 July 1992.
- (5) Wahl, H.J., Magalloy-Magex Project, Report of Initial Geological and Geochemical Survey, April 2004

#### **CERTIFICATE OF QUALIFICATIONS**

This is to certify that:

- 1. I, Herbert J. Wahl, am a resident of British Columbia and live at RR10, 1416 Ocean Beach Esplanade, Gibsons, B.C. VON 1V3. Canada.
- 2. I am a graduate of Dartmouth College, Hannover, New Hampshire, with the degree of Bachelor of Arts with Honors in Geology (1957).
- 3. I am a member of the Association of Professional Engineers of British Columbia and have practiced my profession continuously from 1961 to the present. (Registration No. 8990)

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

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SAMPLE#	Мо ррт	Cu ppr	Pb ppm	Zn ppm	i Ag ippb	Ni ppm	Co ppm	Mn ppm	Fe ۲	As ppm	U ppm	Au Th ppb ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	٩ ۲	La ppm	Cr ppm	Mg \$	Ва ррт	Ti \$	B Al ppm x	Na \$	K W Xappm	Sc ppm	T1 ppm	S Hg Xippb	Se ppm	Те Ga ррп ррп	Sample gm
G-1 MX00W MX100W MX200W MX300W	. 14 . 30 . 24 . 30 . 43	1.66 15.12 6.93 12.80 18.92	2.34 2.72 3.46 2.72 2.85	43.4 66.0 38.7 63.0 41.4	7 71 45 110 56	3.5 33.9 13.3 28.1 36.6	4.2 11.7 5.2 9.1 15.0	526 185 190 172 251	1.88 2.30 1.18 2.20 2.73	.1 .5 .3 .4 1.1	2.1 .3 .2 .2 .4	<.2 3.7 .3 1.2 <.2 1.0 4.4 1.1 1.9 1.9	47.2 26.0 18.1 25.9 33.7	.01 .06 .07 .08 .06	<.02 .09 .07 .08 .18	.07 .05 .06 .05 .05	37 34 25 32 46	. 48 . 31 . 23 . 31 . 41	.089 .056 .033 .047 .063	6.2 4.5 4.3 4.6 7.2	7.5 42.4 22.4 35.0 48.6	. 59 . 57 . 25 . 53 . 79	215.5 90.5 54.7 80.4 76.2	.127 .144 .099 .126 .135	1 .87 2 1.64 1 .83 1 1.47 1 1.45	2 .068 4 .027 3 .017 7 .026 5 .025	.49 < 1 .08 < 1 .08 < 1 .09 < 1 .09 < 1	2.3 2.5 1.5 2.3 3.7	.37<.0 .04 .0 .03 .0 .04 .0 .06 .0	1 <5 1 9 1 5 2 8 1 13	.1 < .2 < .1 < .1 <	.02 4.8 .02 5.0 .02 3.1 .03 4.4 .02 4.5	15.0 15.0 15.0 15.0 15.0
1X400W 1X500W 1X600W RE MX500W 1X700W	. 33 . 39 . 40 . 38 . 42	9.19 10.82 27.58 10.94 23.24	2.94 2.59 3.84 2.64 2.53	61.1 80.2 61.7 81.3 51.6	72 112 164 121 5 96	23.6 37.9 41.6 38.9 33.7	8.6 11.9 12.1 11.9 10.7	213 171 505 172 202	1.88 2.42 2.67 2.45 2.42	.6 .6 1.2 .7 .9	.2 .2 .4 .2 .3	.7 1.3 <.2 1.2 <.2 1.4 1.0 1.2 2.1 1.3	19.4 29.6 41.3 30.3 32.9	.07 .08 .12 .10 .05	.10 .08 .15 .09 .14	.06 .05 .07 .05 .04	31 31 43 32 38	. 22 . 33 . 49 . 35 . 41	.083 .109 .058 .113 .076	4.8 4.3 9.6 4.4 7.1	32.1 36.3 45.0 37.4 38.5	. 42 . 63 . 85 . 64 . 73	79.7 100.7 87.4 106.8 82.2	.107 .101 .114 .105 .109	$ \begin{array}{c} 1 & 1 & .39 \\ 1 & 1 & .96 \\ 2 & 1 & .79 \\ 1 & 1 & .99 \\ 1 & 1 & .51 \\ \end{array} $	5 .016 5 .017 9 .029 5 .018 1 .023	.09 < 1 .09 < 1 .10 < 1 .10 < 1 .08 < 1	1.9 1.9 4.0 1.8 2.3	.04<.0 .04 .0 .07 .0 .03 .0 .04 .0	1 9 1 12 1 21 1 11 1 13	.1 < .2 < .2 < .1 <	.02 4.1 .02 5.3 .02 5.0 .02 5.9 .02 5.9	15.0 15.0 15.0 15.0 15.0
MX800W MX900W MX1000W MA1550S MA1600S	. 34 . 47 . 76 . 47 . 56	16.10 24.05 30.40 4.70 14.85	3.21 2.45 1.56 5.72 4.41	70,8 52,3 8,1 31,5 40,5	59 108 177 158 96	33.0 49.0 24.2 6.0 15,7	11.7 17.3 4.3 4.9 8.4	305 367 56 321 559	2.39 3.34 .53 1.23 1.90	.6 1.2 .5 1.0 2.1	.3 .4 3.7 .2 .3	.6 1.1 3.5 1.4 <.2 .1 <.2 1.1 6.9 1.3	29.1 33.6 360.1 18.3 21.9	.08 .07 .17 .14 .10	.09 .17 .28 .24 .34	.05 .04 .03 .13 .11	34 49 38 37 52	.38 .43 4.70 .20 .25	. 050 . 054 . 096 . 083 . 098	5.7 7.2 1.8 5.1 4.0	36.3 50.5 10.2 21.3 31.9	.77 1.02 .74 .19 .32	75.3 96.1 22.7 105.5 128.8	.107 .139 .016 .079 .075	$ \begin{array}{c} 1 & 1.40 \\ 1 & 1.74 \\ 7 & .41 \\ 2 & .81 \\ 2 & 1.16 \\ \end{array} $	) .025 .032 .017 .012 .012	.06 <.1 .15 <.1 .04 <.1 .05 .1 .07 .1	2.4 3.6 .7 1.6 2.1	.04<.0 .07 .0 .04 .2 .04 .0 .08<.0	1 7 1 18 6 95 1 31 1 23	.2 < .3 < 2.6 < <.1 < .2 <	.02 4.4 .02 5.4 .02 1.2 .02 4.2 .02 3.7	15.0 15.0 15.0 15.0 15.0
MA1650S MA1700S MA1750S MA1800S MA1850S	.47 .99 .59 .51 1.14	14.08 49.97 14.53 9.25 10.18	5.29 5.75 5.01 5.06 2.18	35.5 25.1 27.6 15.1 5.7	5 175 279 5 65 50 93	9.0 43.5 17.1 6.4 5.2	5.5 9.0 8.2 3.8 2.2	170 2462 687 193 105	1.87 1.57 1.74 .95 .29	2.7 3.4 3.1 2.0 1.4	.3 .4 .3 .6	.4 1.2 .5 .9 .4 1.1 .4 .9 <.2 .1	29.8 123.6 54.7 72.4 187.6	.06 .63 .15 .13 .16	.68 .84 .49 .27 .37	.20 .16 .08 .06 .03	43 32 50 19 6	.31 2.16 .76 1.39 4.30	. 247 . 045 . 051 . 041 . 103	5.3 5.5 5.4 2.9	24.1 17.5 29.2 15.6 6.5	. 37 . 39 . 44 . 35 . 28	108.3 167.3 85.7 66.3 80.1	.042 .034 .083 .042 .009	1 1.60 6 1.20 4 1.12 6 .83 7 .20	) .010 ) .018 2 .020 3 .015 ) .018	.10 .1 .07 <.1 .08 <.1 .06 <.1 .05 <.1	2.3 2.9 1.8 1.6 .4	.05 .0 .07 .0 .05 .0 .04 .0 .03 .3	2 16 5 73 3 50 8 58 1 66	.1 < 1.0 .4 < .5 < 1.3	.02 5.5 .02 3.1 .02 3.7 .02 2.6 .02 .7	15.0 15.0 15.0 15.0 7.5
MA1900S MA1950S MA2000S STANDARD	.55 .47 .43 21.17	4,91 13,14 8,90 109,46	4.10 4.21 4.35 69.23	19.3 45.8 39.5 423.7	3 56 3 133 5 125 7 873	7.1 22.2 14.2 57.5	4.2 7.0 5.8 9.8	270 168 139 640	1.11 1.83 1.66 2.49	1.3 3.4 2.2 50.5	.3 .4 .3 5.1	.7 1.2 2.9 2.2 8.2 1.5 80.0 4.7	16.3 21.2 21.5 76.8	.05 .08 .08 6.53	.24 .34 .20 6.04	.08 .08 .09 4.59	37 46 40 84	. 18 . 25 . 23 . 98	.019 .177 .246 .082	5.8 7.5 5.7 14.1	21.1 34.7 29.6 258.9	.23 .40 .27 1.07	59.2 148.0 116.2 388.0	.081 .072 .071 .130	1 .60 1 1.54 1 1.20 39 1.09	5 .010 4 .010 3 .009 5 .111	.04 <.1 .06 .1 .06 .1 .46 3.9	1.2 2.3 1.7 2.7	.03 .0 .05<.0 .05<.0 4.28 .2	1 13 1 14 1 20 1 199	.2 < .1 .1 < 3.4 1	.02 3.2 .02 4.5 .02 4.6 .14 5.2	15.0 15.0 15.0 15.0
Standard GR (> -	Standard is STANDARD DS7. GROUP 1F15 - 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/ES & MS. (>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY. - SAMPLE TYPE: SOIL SS80 600 <u>Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.</u>																																

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All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

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	ahl, Herb PROJECT MAGALLOY File # A4056	seo
	R.R. 10, 1416 Ocean Beach, Gibson BC VON 1V3	<u> </u>
SAMPLE# Mo Cu Po Zn Ag Ni Co M ppm ppm ppm ppm ppm ppm ppm ppm ppm	n Fe As U Au Th Sr Cd Sb 8i V Ca P La Cr Mg Ba n & ppm ppm ppb ppm ppm ppm ppm ppm ½ % ppm ppm % ppm	Ti 8 ANI Na K W Hg Sc TI S Ga Se Sample % ppm % % % ppm ppm ppm % ppm ppm gm
G-1       1.3       2.2       2.1       48       5.0       4.9       61         04M-1S       .3       65.0       3.7       27       .3       30.3       5.4       15         04M-2S       .5       203.6       4.2       37       .8       65.4       11.0       31         04M-3S       1.0       55.5       2.5       40       .2       33.4       6.2       22         STANDARD       DS5       13.4       145.7       25.7       140       .3       26.1       12.2       77	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
STANDARD USS 13.4 145.7 25.7 140 .3 26.1 12.2 77 GROUP 1DX - 15.00 GM SAMPLE LEACHED WITH 90 N (>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME - SAMPLE TYPE: SILT SS80 60C Data // FA DATE RECEIVED:	2.290 17.8 6.242.02.9 50 5.8 3.8 5.4 62 .77 .100 13 189.5 .68 144 L 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 300 ML, MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAM SEP 27 2004 DATE REPORT MAILED:	ANALYSED BY ICP-MS. IPLES CAN LIMIT AU SOLUBILITY. Clarence Leong
All results are considered the confidential p	operty of the client. Acme assumes the liabilities for actual cost	of the analysis only.

