# REPORT of 2007 SOILS SURVEY on the HOT MINERAL CLAIMS

BC Geological Survey Assessment Report 29875

BCDM

Clinton Mining Division NTS 92P-15E – 092P. 097 Lat. 51° - Long. 120°

Claims Worked: HOT#2 (209112), HOT #15 (209125), HOT#16 (209126), HOT#17 (209127), HOT#18 (209128)

Owned and operated by H.J. Wahl



Prepared by: Herb Wahl, P.Eng. B.C. RR# 10, 1416 Ocean Beach Esplanade Gibsons, B.C. VON 1V3 Phone: 604-886-8522

September 2007

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#### SUMMARY

The Hot Claims are located in central British Columbia some 80km due east of 100 Mile House, within the Clinton Mining Division. The property is road accessible via a good network of logging haul roads.

The main property feature is a 700 x 700 meter area Cd-Ag soil anomaly overlying an I.P. chargeability anomaly of similar size, within entirely drift covered ground. The anomalous zone is open to the southeast under the waters of Hotfish Lake.

The last grid work was performed in 2000, and since that time the existing survey grid has been obliterated by extensive windfall of the over mature timber.

Current work performed during 31 May to 02 June 2007, consisted of line cutting, geochemical soil sampling and geological reconnaissance.

A total of 950 meters of line was cut and sampled. Total sample collection amounted to 28 soils and 2 silts.

Results of soil samples were not impressive, and essentially highlight the primary target area of previous work.

Geological reconnaissance located a new semi-massive pyrite zone with probable width? length?, in excess of 20-25 meters. The pyrite is only anomalous for arsenic at 470 ppm, and slightly so for Cu at 128 ppm.

Although base metal content is low, the presence of this feature enhances the sulphide potential of the covered target zones previously identified by geochemistry and geophysics. Costs for the current operation are \$7,155.83.

#### INTRODUCTION

This report documents the results of 3 days field work on the Hot Mineral Claims performed during the period 31 May to 02 June 2007, inclusive.

The subject work consisted of line cutting, soil and silt sampling, and geological reconnaissance. This program was an adjunct to similar work on the Kingpin Claims which adjoin to the north. Both projects lie around the south and southeastern rim of the 105 Ma Hendrix stock.





HOT CLAIMS

GENERAL LOCATION MAP

![](_page_6_Figure_0.jpeg)

# HOTFISH PROPERTY AS OF DEC.2006

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7. 7

Tenure #	Claim Name/Property	Issue Date	Good To Date	New Good To Date	Area in Ha
209111	HOT #1	1990/jun/17	2006/nov/01	2008/jul/31	25.00
209112	HOT #2	1990/jun/17	2006/nov/01	2008/jul/31	25.00
209113	HOT #3	1990/jun/17	2006/nov/01	2008/jul/31	25.00
209114	HOT #4	1990/jun/17	2006/nov/01	2008/jul/31	25.00
209115	HOT #5	1990/jun/17	2006/nov/01	2008/jul/31	25.00
209116	HOT #6	1990/jun/17	2006/nov/01	2008/jul/31	25.00
209117	HOT #7	1990/jun/17	2006/nov/01	2008/jul/31	25.00
209118	HOT #8	1990/jun/17	2006/nov/01	2008/jul/31	25.00
209119	HOT #9	1990/jun/18	2006/nov/01	2008/jul/31	25.00
209120	HOT #10	1990/jun/18	2006/nov/01	2008/jul/31	25.00
209121	HOT 11	1990/jun/25	2006/nov/01	2008/jul/31	25.00
209122	HOT 12	1990/jun/25	2006/nov/01	2008/jul/31	25.00
209123	HOT 13	1990/jun/25	2006/nov/01	2008/jul/31	25.00
209124	HOT 14	1990/jun/25	2006/nov/01	2008/jul/31	25.00
209125	HOT 15	1990/jun/25	2006/nov/01	2008/jul/31	25.00
209126	HOT 16	1990/jun/25	2006/nov/01	2008/jul/31	25.00
209127	HOT 17	1990/jun/25	2006/nov/01	2008/jul/31	25.00
209128	HOT 18	1990/jun/25	2006/nov/01	2008/jul/31	25.00
209129	HOT 19	1990/jun/25	2006/nov/01	2008/jul/31	25.00
209130	HOT 20	1990/jun/25	2006/nov/01	2008/jul/31	25.00
209182	HOT-21	1990/sep/03	2006/nov/01	2008/jul/31	25.00
209183	HOT-22	1990/sep/03	2006/nov/01	2008/jul/31	25.00
209184	10T-23	1990/sep/03	2006/nov/01	2008/jul/31	25.00
209185	HOT-24	1990/sep/03	2006/nov/01	2008/jul/31	25.00
209186	HOT-25	1990/sep/03	2006/nov/01	2008/jul/31	25.00
209187	HOT-26	1990/sep/03	2006/nov/01	2008/jul/31	25.00
325759 F	ISH - 1	1994/may/12	2006/nov/01	2008/jul/31	25.00
325760 F	TSH - 2	1994/may/12	2006/nov/01	2008/jul/31	25,00
325763 F	TSH - 3 RACTION	1994/may/12	2006/nov/01	2008/jul/31	25.00
326770F	ISH - 6	1994/jun/15	2006/nov/01	2008/jul/31	25.00
326771 F	ISH - 7	1994/jun/15	2006/nov/01	2008/jul/31	25.00
326772 F	ISH - 8	1994/jun/15	2006/nov/01	2008/jul/31	25.00
326773 F	ISH - 9	1994/jun/15	2006/nov/01	2008/jul/31	25.00

TOTAL 825 ha

ЗA

## LOCATION AND ACCESS (FIGS. 2,3 & 5)

The property is road accessible via provincial highway 97 to 100 Mile House, then by the Canim Lake Road to Eagle Creek, then via the Weldwood mainline to Hendrix Creek, then via the Weldwood 7000 Road to the claimed area.

Specific locational details are:

NTS 92P - 15E/ 092P.097 Clinton Mining Division Lat. 51° 58' Long. 120° 35'

## PROPERTY (FIGS. 3 & 3A)

The property consists of 26 Hot 2-post legacy claims and the 7 Fish 2-post legacy claims (including Fish-3 fractional) as noted on the next page, 3A.

The claims are in good standing to the indicated date pending acceptance of the assessment report herein submitted.

# **TERRAIN/TOPOGRAPHY**

The Hot Claims are located within the Quesnel Highland division of the Fraser Plateau. Elevations on and around the claims range from 3,300 to 4,000 feet ASL. Terrain varies from rough rocky ridges to low, flat alder-choked swampy areas.

Claims on which clear-cut logging has been performed include Hot 2 & 9, Hot 1, 3, and 4, Hot 14, and Hot 23 and 25. The unlogged claim area is covered by a dense spruce-pine-fir-cedar-aspen bush with abundant windfall. The swampy areas and ridge tops are thickly vegetated with tag alders. Overburden is variable, consisting of both sandy and clayey glacial drift.

Within the soil-anomalous area (Hot 17-20) overburden is likely in excess of 5 meters.

![](_page_9_Figure_0.jpeg)

FIG.1B

![](_page_10_Picture_0.jpeg)

#### HISTORY

There is no record of, nor indications of, any previous exploration within the claim area.

The current claim holder has submitted six reports covering work performed in the years 1991, 1992,1994,1996, 2000 and 2006 (References).

#### WORK PERFORMED

During the period 31 May – 02 June 2007, inclusive, the undernoted was completed:

- Line Cutting: 650 meters, Line EL, hand cut <u>300 meters</u>, HTL, power saw Total: 950 meters
- Soil Sampling: 13 each at 50 m stations Line EL <u>15 each</u> at 20 m stations – Line HTL Total: 28 each
- Silt Sampling: 2 each
- Rock Sampling: 4 each

#### **REGIONAL GEOLOGY** (1A, 1B)

The Hot Claims are located within the Quesnel Trough geological belt consisting of generally mafic to andesitic volcanic rocks of Triassic/Jurassic age intruded by plutons of similar or younger ages. The Quesnel Trough is a prolific mineral belt (FIG.1) hosting many intra-volcanic and intrusive hosted Cu, Mo, Ag, Au deposits. The Hot Claims lie 24 km southeast of the former Boss Mountain molybdenum mine.

#### **PROPERTY GEOLOGY** (FIGS. 4,5, Ref. 5)

The Hot Claims lie in the central zone of wrap-around stratigraphy indicated by regional aeromagnetics. The zone has a broad horseshoe shape open to the northwest, interpreted to be a southeast plunging anticline. The core area is underlain

by a satellite plug of Takomkane quartz monzonite (referred to as the "TK" stock), or the Hendrix stock of Schiarizza (9).

The 'TK' stock (105 Ma) has induced weak to strong contact metasomatic effects in the adjacent volcanic and argillite units. The weaker of these effects consists of biotite hornfels, the stronger being a silica, garnet, actinolite skarn. These contact effects are mirrored by the vertical gradient aeromagnetic anomalies that parallel the TK stock contact (Fig. 4).

The stratigraphic package consists of andesitic to mafic tuffs with occasional small areas of pillow lavas and volcanic breccia, and light to dark colored argillites. A zone of partly fragmental, pyritic tuffs is present on the Fish claims about 800 meters southeast of the main soil anomaly.

Positionally, the main soil/IP anomaly lies between pyritic silicified argillites to the north and silica, chlorite, carbonate altered mafic volcanics to the south, the intervening ground being flat, swampy, and entirely drift covered.

During the 2006 program, outcrops of meta felsic fragmentals were located on the north side of the 7000 road about 2 km west of the access trail. Deformation of this unit is attributed to the TK stock which lies a few hundred meters to the north.

## **GEOLOGIC RECONNAISSANCE (Figs. 5, 6)**

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#### Float Samples (Appendix 2)

<u>07HF-R</u> Located in heavy blow-down area off the end of line EL. 10 kg block, rusty, angular from foot print large spruce windfall. Somewhat anomalous for Cu and Pb at 210 ppm Cu, and 79 ppm Pb.

## **Rock Samples**

#### 07KP-1R (Fig. 6, Appendix 2)

Rusty shear zone in monzodiorite  $1.5 \text{ m} \times 7.0 \text{ m}$  long. Fine grained matrix of pyroxene, quartz, and biotite with 10-15% disseminated pyrite. No significant metal values.

<u>07HE-3R, 4R</u> (Fig. 6, Appendix 2 and photo gallery)

New semi-massive sulphide find 20-25 meters long?,wide?, edges obscured. Likely contained within volcanic strata. Fine grained hydro biotite quartz carbonate matrix with 35-40% very fine-grained silvery pyrite. Assay results are only anomalous for arsenic at maximum value ppm 470.

**GEOCHEMISTRY** - Target identified to date (3), (4), (5), (6), and (8).

Previous work has identified a substantial anomalous zone for Cd, Ag, Zn and Cu in the humic soils measuring some 700 x 700 meters oriented in a NW-SE direction occupying the Hot #17 and 19 claim areas. A more defined Cd-Ag zone lies along and just west of the base line, measuring some 700 meters by 100 meters. The anomalous zone appears to continue under the waters of Hotfish Lake. Within the core area cadmium values reach a maximum of 37.2 ppm which is 186 times the normal crustal abundance (0.2 ppm) for this element. The highest silver value, 7 ppm, is 100 times normal crustal abundance (0.07 ppm). Peak values for Cu and Zn reach levels of 447 ppm and 520 ppm respectively. Low level anomalous values for Ni up to 143 ppm are generally co-associated with Cu-Zn. Higher Ba values in the range of 3-500 ppm also correlate with anomalous levels of Cd-Ag-Cu-Zn.

A plot of calcium values shows that the metal-anomalous zone coincides with Ca values of 1-5%, which may explain the lack of mobility of Cu,Zn,Ni in this particular setting.

The 2000 EZL survey (6) covered portions of grid lines 00 and L1SE. Results of this survey identified a robust oxidation anomaly with VMS signature extending across the conventional geochemical/ IP target zone.

# GEOCHEMISTRY (CURRENT): (Fig. 5)

Current geochemical survey was completed on Lines EL (50 m sites) and Line HTL (20 m sites.) Samples were collected with an intrenching tool at average depth of 20 cm, placed in labeled kraft collection envelopes and forwarded to Acme Analytical Laboratories in Vancouver for analysis.

Details of the assay technique are found on the assay reports of Appendix 1. Collected samples were field classified according to the following nomenclature:

- N = standard, stony glacial drift
- B = B horizon
- O = organic materials
- C = clay
- L = loam

# **Tie Line HTL**

7	8	Total: 15 ea
	<u> 160 SE – N</u>	
140 NW – B	140 SE – N	
120 NW – N	120 SE – N	
100 NW – N	100 SE – N	
80 NW – N	80 SE – N	
60 NW – N	60 SE – N	
40 NW – N	40 SE - B	
20 NW – N	20 SE - 0	

# Line EL

50 SW – N	50 NW – 0
100 SW – N	100 NW – N
150 SW – N	<u> 150 NW – N</u>
200 SW - 0	
250 SW - 0	
300 SW - 0	-
350 SW - 0	
400 SW - 0	
450 SW - 0	
<u>500 SW - 0</u>	Total: 13 each

#### **Results of Current Sampling:**

- **Line EL** No anomalous Cu results ( $\geq$ 100 Cu) were detected along the line. The first 150 m of line EL show slightly elevated values for Zn ( $\geq$ 120), as well as the first 100 m of the NW offset line. Silt samples collected at points along the line also returned no values of interest.
- Line HTL Line HTL parallels the boundary of the main target area, and again did not return any significant Cu results. Zinc values were comparable in magnitude and distribution to Line EL, while the elements Cd and Ag, the primary drivers of the main target zone, were at background levels.

#### CONCLUSIONS:

The current conventional assay geochemical work on the Hotfish Claims did not result in detection of any new anomalous zones. On the geological reconnaissance side, the discovery of semi –massive pyrite in quartz-carbonate-hydrobiotite rock adds to the potential for significant sulphide accumulations in the stratigraphic package surrounding the TK stock. Along with the identification of felsic volcanic breccia (8) and the presence of skarn alteration zones, the Hotfish-Kingpin neighbourhood offers better than average discovery potential in this extensively drift covered area, for Cu Zn Ag sulphide deposits.

#### **RECOMMENDATIONS:**

The major target areas defined by past work require onward work by either or both of trenching and drilling.

Prepared by

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

# STATEMENT OF COSTS

Persons employed on the Hot Claims project were: Herb Wahl, RR 10, 1416 Ocean Beach Esplanade, Gibsons, B.C. VON 1V3 & Ross J. Wahl Ste. 907, 63 Keefer Place, Vancouver, B.C. V6B 6NG

H. Wahl, 3 days field @ \$700/day	\$2,100.00
H. Wahl, 5 days logistics and reporting @ \$400/day	2,000.00
R.J. Wahl, experienced field assistant,	
3 days field work @ \$350/day	<u>1,050.00</u>
Sub Total:	\$5,150.00

Field vehicle, 2005 Ford F-350 SD 4x4	
3 days @\$175/day	\$525.00
Travel - 01	203.27
Accommodation - 02	242.25
Prints, Copy, Draft, Office - 04	91.06
Secretarial – 05	72.00
Postage and freight - 06	36.60
Field Supplies - 07	334.15
Assays, 11	<u>501.50</u>
Sub Total:	<u>\$2,005.83</u>

.

Grand Total:

<u>\$7,155.83</u>

Certified True and Correct

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

## REFERENCES

- (1) GSC Map 1278A, Bonaparte Lake, scale 1:250,000
- (2) Report of Preliminary Prospecting on the Hot Mineral Claims by H. Wahl, April 1991
- (3) Report of Reconnaissance Geological and Geochemical Work on the Hot Mineral Claims by H. Wahl, November 1992
- (4) Report of Preliminary Grid Work on the Hot Mineral Claims, by H. Wahl, January 1994
- (5) *Report of I.P. Survey and Related Work on the Hot Mineral Claims*, by H. Wahl, November 1996.
- (6) *Report of Enzyme Leach Soils Survey on the Hot Mineral Claims*, by H. Wahl, December 2000.
- (7) Open File 5293, 2006, Geological Survey of Canada.
- (8) Report of 2006 Soils Survey on the Hot Mineral Claims, by H.Wahl, Dec. 2006.
- (9) Geology and Mineral Occurrences of the Hendrix Lake Area (NTS 093A/02) South-Central British Columbia, by P. Schiarizza and J. Macauley, Geological Fieldwork 2006, Paper 2007-1.

# **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.₩ahl, P.Eng. B.C.

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	Mo	 	Ph	70	Δa	Nī	 Co	Mn	К.)  Fe	As	141¢	Au	an Be Th	sr	Cd	Son	ы. v  Ві	UN 11	Ca	P	La	Cr	Ma	Ba	Ti	<u>в</u>	AL	Na	ĸ		Ha	Sc T	1 5		•
	ppm	ppm	ppm	ppm	ppm_	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	opm I	mqc	%	%	ррт	ppm	%	ррп	%	ррт	%	%	%	ppm p	pm p	pm pp	m %	ppm	ppm
G-1 07HF-1R 07HF-3R 07HF-4R 07KP-1R	.2 .8 .8 .7 2.1	3.6 210.8 128.1 127.6 97.3	3.7 79.2 2.7 2.7 2.3	46 25 17 50 77	<.1 .9 <.1 <.1 <.1	3.7 17.1 25.2 33.7 7.8	4.7 7.0 28.3 34.7 20.1	537 521 375 621 778	1.82 .97 2.50 5.67 5.90	<.5 5.0 470.0 167.9 5.5	2.4 .8 .3 .7 .8	<.5 11.3 6.8 4.5 1.6	4.3 2.1 .5 .8 1.4	78 129 208 89 24	<.1 1.5 .1 .1 .1	<.1 8.9 3.7 2.3 .4	.1 .8 <.1 <.1 .1	39 28 49 128 201	.52 .81 .19 .79 .62	.075 .068 .157 .173 .174	9 8 7 8 7	9 12 23 66 1 15 1	.59 .14 .88 1.80 1.75	216 44 87 59 364	. 136 . 107 . 116 . 296 . 427	2 10 106 615 4	1.06 1.06 .65 1.56 2.34	.091 .154 .143 .198 .085	.54 .09 .16 1.00 1.99	.1<. .3 . 4.0 . 1.7<. .3<.	01 2 02 01 4 01 7 01 6	.5 .8 .9 .8 .6	4 <.05 1 .34 1 .69 2 2.10 7 .06	5 2 2 5 8	<.5 8.5 .5 <.5 .5
DL500N Standard	.3 19.2	3.4 108.7	10.8 66.0	42 392	.2	13.7 55.0	4.3 9.5	1964 646	2.36 2.40	1.3 49.6	.3 4.7	.7 61.9	3.7 4.5	143 75	.8 6.5	.3 6.1	.3	9 5 80	.45 .95	.071 .076	15 13	6 2 191 -	2.02	94 370	.003	5 40	.35 1.02	.026	.16 .46	<.1<. 3.8 .	01 3 20 2	.5. .84.	1 <.05 0 .22	1	<.5 3.7

Standard is STANDARD DS7.

GROUP 1DX - 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-MS. (>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY. - SAMPLE TYPE: ROCK R150

Data FA DATE RECEIVED: AUG 7 2007 DATE REPORT MAILED: SEP 0 1 2007

![](_page_19_Picture_4.jpeg)

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

APPENDIX |

ACME ANA	LYTICAL LABORATORIES LTD. 9001 Accredited Co.)	852 E. HASTINGS ST. VANCOUV	ER BC V6A 1R6 PHONE (604	)253-3158 FAX(604)253-1716								
		GEOCHEMICAL ANA /SIS	CERTIFICATE									
	<u>W</u>	R.R. 10, 1416 Ocean Beach, Gibson BC VON 1	3 Submitted by: Herb Wahl									
SAMPLE#	Mo Cu Pb Zn Ag Ni Co Mn ppm ppm ppm ppm ppm ppm ppm	Fe As U Au Th Sr Cd Sb Bi V C % ppm ppm ppm ppm ppm ppm ppm ppm ppm	a PLaCr Mg Ba Ti Al % % ppm ppm % %	Na K W Zr Sn Y Nb Be Sc % % ppm ppm ppm ppm ppm ppm								
G-1 TLHTL 140NW TLHTL 120NW TLHTL 100NW RE TLHTL 100NW	<2 3 29 48 <.5 9 4 783 2. 2 12 20 174 1.2 27 8 582 3. <2 6 16 58 <.5 8 3 398 1 2 9 23 92 .6 19 5 342 2. 2 9 22 95 .8 19 4 362 2.	40       <5	5       .077       27       136       .65       1022       .25       8.56         2       .143       30       70       1.04       828       .48       7.40         9       .025       22       25       .63       750       .37       6.63         5       .055       34       70       .73       785       .56       7.15         1       .056       37       73       .77       817       .61       7.32	2.66       3.12       <4								
TLHTL OBONW TLHTL OGONW TLHTL O4ONW TLHTL O2ONW TLHTL O2OSE	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	60       <5	7         .072         35         110         1.18         803         .46         8.30           2         .133         38         101         .94         752         .39         7.79           4         .077         33         84         .96         769         .42         7.99           2         .045         36         109         1.26         895         .46         8.49           2         .095         26         86         .88         675         .35         6.44	$\begin{array}{cccccccccccccccccccccccccccccccccccc$								
TLHTL 040SE TLHTL 060SE TLHTL 080SE TLHTL 100SE TLHTL 120SE	3       44       28       159       .9       61       16       817       4         6       56       29       155       1.4       66       23       737       5         2       20       21       109       1.3       30       9       493       3         2       20       23       98       .8       42       9       437       3         2       25       21       115       <.5	58 * 10 <20 <4	2       .070       30       112       1.33       862       .43       7.35         1       .111       31       110       1.29       841       .42       8.96         0       .105       28       80       1.00       776       .41       7.91         3       .071       36       99       1.50       834       .50       8.06         8       .080       31       127       1.73       881       .49       8.06	$\begin{array}{cccccccccccccccccccccccccccccccccccc$								
TLHTL 140SE TLHTL 160SE EL 150NW EL 100NW EL 50NW	2       17       19       98       <.5	45       8 <20	3         .053         34         92         1.28         854         .48         8.02           7         .091         33         93         1.37         809         .45         7.83           2         .089         38         100         1.64         816         .45         6.93           4         .078         36         107         1.42         870         .46         8.15           7         .094         32         94         1.44         824         .47         7.91	$\begin{array}{cccccccccccccccccccccccccccccccccccc$								
EL 50SW EL 100SW EL 150SW EL 200SW EL 250SW	3       93       25       120       5.7       79       16       890       4         4       112       27       180       2.3       76       16       881       4         4       41       21       174       .9       56       16       796       4         3       43       15       66       <.5	58       9       20       <4	0       .106       44       94       1.14       695       .31       7.88         5       .068       33       98       1.34       831       .40       8.21         3       .059       27       89       1.59       773       .37       7.47         1       .120       17       56       1.34       467       .25       4.27         5       .126       17       47       .69       313       .16       3.06	$\begin{array}{cccccccccccccccccccccccccccccccccccc$								
EL 300SW EL 350SW EL 400SW EL 450SW EL 500SW	6       30       8       36       <.5	33       <5	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$								
STANDARD DST6	11 127 42 158 <.5 31 12 990 4	.06 24 <20 <4 7 336 5.8 5 5 103 2.2	2 .092 25 236 1.07 690 .39 7.35	1.74 1.49 8 54 8 14 10 3 13								
GROUP 1E - 0.25 GM SAMPLE DIGESTED WITH HCLO4-HNO3-HCL-HF TO 10 ML. (>) CONCENTRATION EXCEEDS UPPER LIMITS. SOME MINERALS MAY BE PARTIALLY ATTACKED/VOLATILIZED. REFRACTORY AND GRAPHITIC SAMPLES CAN LIMIT AU SOLUBILITY. ANALYSIS BY ICP-ES. - SAMPLE TYPE: SOIL SS80 60C <u>Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.</u> SEP 0.5. 2007												
Data	FA DATE RECEIVED	Denty of the client Acre assumes the light	lities for actual cost of the analysis	Raymond Chan								

ACME ANA	LYTIC	AL LAP	ORATO	RIES	LTD.	852	E.	HASTI	NGS	ST.	VAN	COUVE	ER BC	V6A	1R6	1	PHON	E(60	4)253	3-315	58 F	AX ((	504)	253-	1716	
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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.

![](_page_22_Picture_0.jpeg)

![](_page_23_Picture_0.jpeg)

![](_page_24_Picture_0.jpeg)

![](_page_25_Picture_0.jpeg)

# HOTFISH Rock Sample Descriptions 31 May $\rightarrow$ 02 June 2007

- **07KP-1R** Grabs, outcrop rusty shear in monzonite, Spanish-Burtt Road. Fresh fracture very dark grey, very fine grained matrix of dark pyroxine, quartz, and biotite. 10-15% disseminated sulphide, mostly pyrite, traces Cpy. Non magnetic.
- **07HF-1R** Rusty float, 10 kg. Angular. Fresh fracture pale grayish-white, amorphous texture, carbonate rich, non-magnetic. Quartz-carbonate item with 5-10% scattered disseminated silver pyrite (micro).
- **07HF-3R** Outcrop grabs, rusty massive exposure 20-25 m long, north bank 7000 road. Fresh fracture, dark grey, fine grained aggregate of quartz and hydro biotite, strongly calcareous. Sulphide content 35-40% vfg silvery pyrite as heavy disseminations and aggregates. Odd x-cutting clean quartz vein (micro). On outcrop scale, carbonate veins to 5-7 cm thick are present, with internal lenses to 2-3 cm of vfg grey material carrying minor silvery pyrite—appears to be altered slivers of the quartz-hydro biotite variety.
- 07HF-4R Separate location along outcrop. Similar material.

![](_page_26_Picture_5.jpeg)

![](_page_27_Figure_0.jpeg)

![](_page_28_Figure_0.jpeg)