

60017

RIMFIRE PROJECT
Report of October 2012
Excavator Trenching
Mines Act Permit MX-4-637
Approval # 12-1640203-0926

BC Geological Survey
Assessment Report
33738

Cariboo Mining Division
NTS 093A. 033

Center of Project
Lat. 52° 22' 0"
Long. 121° 34' 00"

Claim worked: 518839 (formerly Legacy Claims PD-1 to 4 incl.)

Owned and Operated by
Herb Wahl & Jack Brown-John

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November 2012

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT

33,738



Ministry of Energy & Mines
Energy & Minerals Division
Geological Survey Branch

ASSESSMENT REPORT
TITLE PAGE AND SUMMARY

RIMFIRE PROJECT - REPORT OF OCTOBER 2012

TITLE OF REPORT [type of survey(s)] EXCAVATOR TRENCHING TOTAL COST \$ 28,326.72

AUTHOR(S) H.V. WAHL, P. ENG. B.C. SIGNATURE(S) H.V. Wahl

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) MX-4-637 YEAR OF WORK 2012

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S)

PROPERTY NAME RIMFIRE

CLAIM NAME(S) (on which work was done) 518839

COMMODITIES SOUGHT Cu-Ag-Pb

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN

MINING DIVISION CARIBOO NTS 093A.033

LATITUDE 52 ° 22 ' 00 " LONGITUDE 121 ° 34 ' 00 " (at centre of work)

OWNER(S) HERB WAHL

1) RR 10, 1416 OCEAN BEACH ESPL. GIBSONS, BC CANADA VON 1V3

2) JACKSON VICTOR BROWN - JOHN BOX 4248 WILLIAMS LAKE, B.C. V2G 2V3

OPERATOR(S) [who paid for the work]

1) THE ABOVE 2)

MAILING ADDRESS AS ABOVE

PROPERTY GEOLOGY KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude):

QUESNEL TROUGH, WESTERN EDGE, TRIASSIC MAFIC VOLCANICS ESTIMATED PALEO ERUPTIVE ZONE, SHEAR ZONE & STRATIGRAPHIC OCCURRENCES OF NATIVE CU, BORNITE, & CHALCOITE HIGH GRADE ASSAYS FOR FLOATS & SHOWINGS.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS # 518839	PROJECT COSTS APPORTIONED (incl. support)
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GEOLOGICAL (scale, area) *ORGANIZATION, LOGISTICS, & REPORTING* *—do—* \$ 5,000.00

Ground, mapping *Photo interpretation*

GEOPHYSICAL (line-kilometres)

Ground
 Magnetic
 Electromagnetic
 Induced Polarization
 Radiometric
 Seismic
 Other
 Airborne

GEOCHEMICAL

(number of samples analysed for ...)

Soil *15ea PIT BOTTOM FOR MULTI EL. ICP* *—do—*
 Silt } \$ 10,000.00
 Rock *05 FLOAT ROCKS FOR MULTI EL. ICP*
 Other

DRILLING

(total metres; number of holes, size)

Core
 Non-core

RELATED TECHNICAL

Sampling/assaying *ANALYTICAL CHARGES* 557.62
 Petrographic
 Mineralographic
 Metallurgic

PROSPECTING (scale, area)

PREPARATORY/PHYSICAL

Line/grid (kilometres)
 Topographic/Photogrammetric (scale, area)
 Legal surveys (scale, area)
 Road, local access (kilometres)/trail *0.635 Km HOE RAIL* 518839 \$ 4000.00
 Trench (metres) *+ 19 TEST PITS* ~~\$ 7,769.10~~ \$ 8569.10 *HFW*
 Underground dev. (metres)
 Other

TOTAL COST \$ 28,326.72

28,126.72 *HFW*

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ROCK SAMPLE DESCRIPTIONS

PHOTO GALLERY: 5 ea as captioned

ANALYTICAL REPORTS

- (1) ACME Labs VAN 12005146.1
- (2) ACME Labs VAN 12005147.1

NOTE: CD OF FIGS. R-1, 3a, & 3b IN POCKET

SUMMARY

This report documents the findings of a 19 test pit hole trenching operation completed on the Rimfire Project (Claim 518839) during the period 12-17 October 2012 inclusive.

The property is located some 5 kms west of Horsefly Village, between the drainages of Beaver and Gravel Creeks, and surrounding Abbott Lake.

The claim is further situated in the western sector of the Triassic Quesnel Trough Volcanic Belt, and considered to lie along the axis of a paleo eruptive zone characterized by high magnetic signature.

Trenching was unable to reach ledge, with the overburden consisting of a ± 2 meter thick layer of loose drift and accompanying boulders, lying upon a semi-indurated compact till layer of unknown thickness or depth to final bed rock. Drift cover is extensive in the claim area with known drill defined depths to +30 meters.

The trenching operation located some 5 float rocks producing ore grade values for Cu-Ag to +1%Cu and 50.5 ppm Ag. The majority of these carbonate rich altered mafic volcanic floats, representing a new style of mineralization. None of the floats show deformation or vein textures suggesting the alteration of discrete strata as the original host.

Defined on the property are 5 distinct target areas for potential high grade copper deposition as either stratiform or massive shear zone hosted deposits or some combination of the two. This potential exists over a longitudinal distance of some 4000 meters.

Due to calcic soils and abundant magnetite presence, onward exploration by fence hole drilling is recommended. Costs for the current project are \$28,126.72.

INTRODUCTION

This report describes the results of excavator trenching performed on the Rim mineral claims, Cariboo M.D. during the period 12 – 17 October inclusive. Test pitting was designed to test a +1 km x 300m soil geochemical anomaly representing the combination of Cu-Pb-Zn-Ag values (16) (17), reported on previously. A similar project (Megaton) was worked during the period 18 – 25 October, thus reported support expenditures are apportioned accordingly.

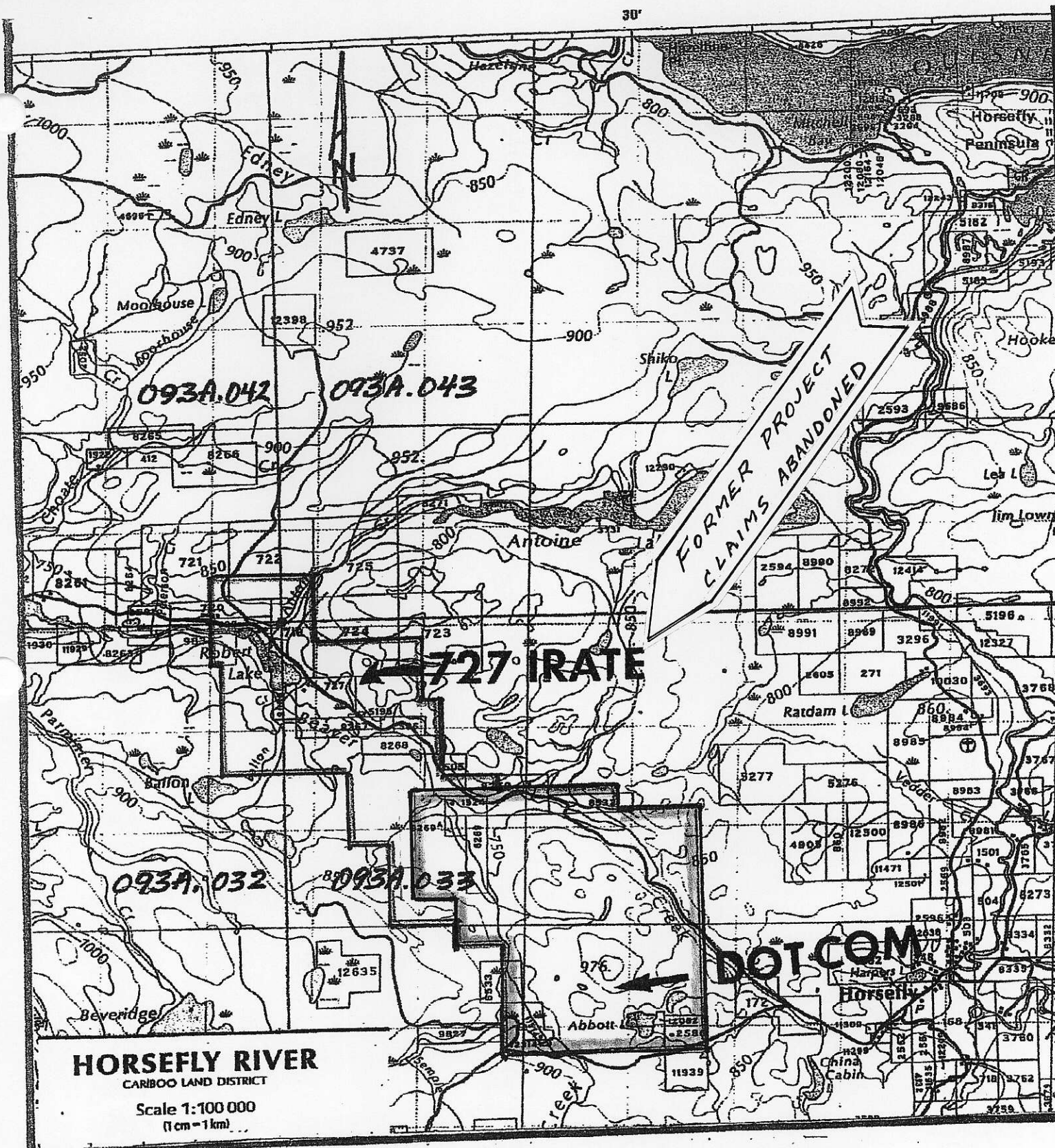
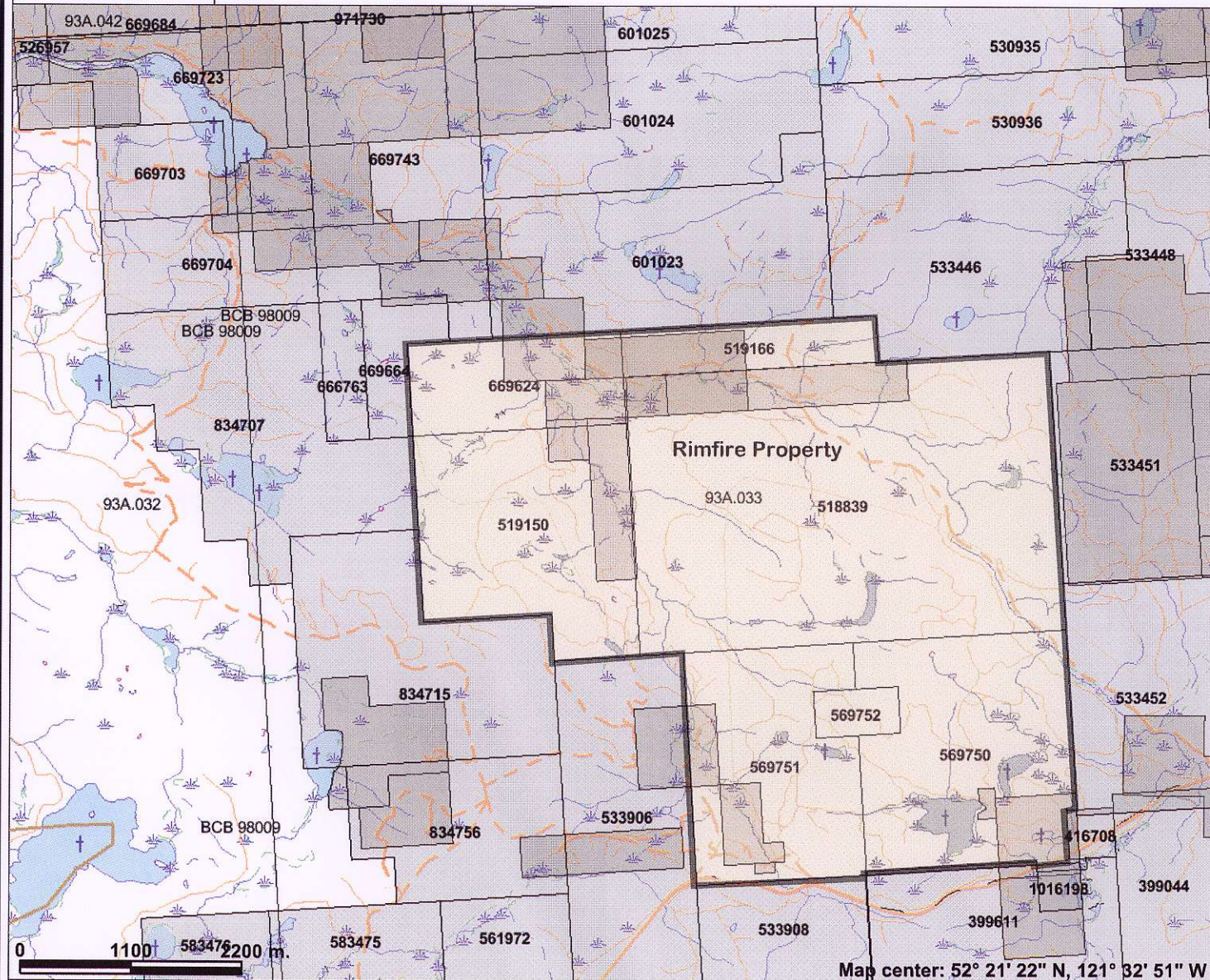


FIG. 1
RIMFIRE PROJECT
General Location Map



Legend

- Indian Reserves
- National Parks
- Conservancy Areas
- Parks
- Federal Transfer Lands
- Mineral Tenure (current)
- Mineral Reserves (current)
- Placer Claim Designation
- Placer Lease Designation
- No Staking Reserve
- Conditional Reserve
- Release Required Reserve
- Surface Restriction
- Recreation Area
- Others
- First Nations Treaty Related Lands
- First Nations Treaty Lands
- Survey Parcels
- BCGS Grid
- Contours (1:250K)
- Contour - Index
- Contour - Intermediate
- Area of Exclusion
- Area of Indefinite Contours
- Transportation - Points (TRIM)
- Helipad
- Transportation - Lines (TRIM)
- Airfield
- Airport
- Airstrip
- Airport Abandoned

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Notes: February 13, 2013

Rimfire Property, Cariboo M.D., BC

FIG. 2

The content of this report is more focused on the current work program. The many faceted reasons attesting to the property mineral potential have been discussed previously, and are available in the referenced reports.

PROPERTY, LOCATION & ACCESS (Figs. 1 & 2)

The Rimfire Project consists of 7 mineral titles aggregating 2,823.9 hectares as itemized below.

Claim Name	Tenure No.	Good To Date	Area (ha)
1 Irate-4A	519150	2013/Jun/04	434.392
2 Irate-5	519166	2013/Jun/04	118.428
3 PD	518839	2013/Jun/04	1184.678
4 PD-3	569751	2013/Jun/04	375.3656
5 PD-4	569750	2013/Jun/04	474.1269
6 Dot Com	569752	2013/Jun/04	39.5065
RF-1	669624	2013/Jun/04	197.39

Total: 2,823.887 hectares

Former titles relating to the 727 Irate Project have been abandoned.

The above titles are situated in the Cariboo Mining Division, with the south eastern extent lying some 5 km west of Horsefly Village near the junction of Beaver Valley Road and the Williams Lake highway.

The northern extent of the claim holdings lies 4.5 km north of Abbott Lake. Total extent of the property is 5 km N-S by 5 km E-W.

Specific locational details are:

NTS 093A.032, .033, .042 and .043

Latitude and longitude for the approximate center of the property are:

52° 22' 00" and 121° 34' 00".

The Beaver Valley Road traverses the entire length of the claims, while numerous tote and skid trails provide access to off-setting areas, although these can be in poor condition and usage is seasonal to wheeled traffic.

Access is by several alternative routes.

- (1) Thru DL 2586 (Jack Scambler's ranch) around the NE corner of Abbott Lake, then northerly for some 1.7 kms, then westerly \approx 1 km to the TLE (Tieline East) area and beginning of the 2012 hoe trail.
- (2) Via the north trending tote road on the east line of DL 2586, 3 kms to the junction with the NE Abbott Lake Road, then 700m to the west turn-off, then \approx 1000m to the TLE area, which is the start point for the wiggle-thru hoe trail, leading to the 2012 trench area.
- (3) Additional access is via Woodlot 506 near Gravel Creek, then north initially along eastern side of Gravel Creek 4.4 kms to the E-W road along which trenching was conducted, then 1.3 kms east to landing at end of road (west end of wiggle-thru hoe trail).

TERRAIN/ TOPOGRAPHY

Terrain in the project area is generally subdued to rolling, with occasional steep-sided draws having an elevation differential of 30-70 meters above the local base. Overall, the area lies within an elevation range of 760-920 meters (2500-3000 feet).

The area is drained by Beaver Creek and Gravel Creek, both mature sluggish streams that flow northwesterly towards the Quesnel River. Both the above have few tributaries, and in general, secondary drainages are conspicuously absent. Nearly all secondary drainages are ephemeral and seepages are few in number. This is attributed to the generally porous and well drained nature of the glacial drift overburden.

Vegetation consists of the usual interior mix of spruce-pine-fir aspen timber, with good stands of mature spruce and fir alternating with thickly vegetated regenerating cut blocks.

Outcrop areas are rare, with glacial drift and glacio-fluvial deposits mantling 99% plus of the area.

Terrain in the 2011 work area slopes gradually towards the south end of Finger Lake merging into the east-west valley that was the locus of 2009 – 2011 gridding.

The current excavator trenching revealed the overburden to consist of 1 – 2m of loose glacial drift overlying compact (semi-indurated), basal till, extremely hard to dig. Nearly all of the pit soils samples were collected from the basal till at pit bottom.

EXPLORATION HISTORY

The nearby Cariboo area hosts a number of producing and past producing mining operations including Gibraltar Mines (Cu Mo), Mount Polley (Cu Au Ag), QR (Au), and Boss Mountain (Mo). Major exploration programs are currently underway at Spanish Mountain (Skygold Resources) and Frasersgold Creek (Hawthorne Gold) focused on sedimentary (black shale) hosted gold. New alkalic porphyry Cu Mo discoveries are being drilled at Fjordland's Southeast Zone, Takom and Deerhorn Zones.

Fjordland Exploration has recently completed an arrangement with Goldfields of South Africa to explore a large block of claims that envelop the Rimfire Project.

This includes the South East Zone (147 MT @ 0.33% Cu) initially discovered several years ago, and the newly discovered Three Firs Zone on the Wahl-Brown-John owned Magalloy-Magex claims. The initial discovery holes returned as follows:

MAG 12-03 – 213m @ 0.20 g/t Au, 0.20 Cu
MAG 12-05 – 117m @ 0.15 g/t Au, 0.21 Cu
MAG 12-06 – 351m @ 0.11 g/t Au, 0.15 Cu

Drilling has been on-going throughout the balance of 2012, with some 20 DDH planned. (Refer to website Consolidated Woodjam Copper – WCC-TSXV.)

The Rimfire area has been staked numerous times in the past, particularly in the 1970s. There is no information in the public record on previous activity during that period, but follow-up activity was likely cursory in nature. Prior to the May 12, 1999 discovery of the high grade (Cu 5%, Ag 5 oz/t, Pb 1%) Dot Com boulders, the record shows the following:

- 1984 Ark Energy Ltd., - Pacific Resources Corp. drilling, southwest corner current PD-3 claim, 2 holes (NQ) 158.5 m (6).
- 1984 Redford Resources Inc., Finger Lake area. Current PD claim, 7.5 km VLF-magnetic survey AR 13, 205. Results of this work are incorporated on feature map R-1.
- 1996 White Channel Resources Corp., southwest corner current PD-3 claim, drilling, 3 vertical DDH totaling 805 m (6).

Since the initial May 1999 prospecting discovery the owners have conducted numerous work campaigns including conventional and enzyme leach geochemical surveys, line cutting, excavator trenching and blasting, I.P. survey and one NQ core hole on DL727. Details of this work can be found in reports

referenced. The PD and Dot Com claims were under option to Phelps Dodge Corp. in 2002-03, who completed I.P., magnetic and VLF geophysical surveys and 1009.7 m of NQ core drilling in 7 holes, subsequently allowing the option to lapse.

The I.P. surveys were scattered in execution, and a 1.5 km wide zone in the center of the potential mineralized area remains untested by electrical survey (FIG. R-1.

WORK PERFORMED – Mineral Claim 518839

Period 12 – 17 October 2012

2 km access road clean-out and rehab

19 test pits excavated, sampled, plus ground restoration and rehab

≈ 550 meters wiggle-thru hoe trail

15 pit bottom soils collected

05 rock samples collected from excavated drift.

GEOLOGY

Regional:

The Triassic age Quesnel Trough in broad terms is generally well known, lying east of the Cache Creek terrain and west of the Omineca Paleozoic Belt. The "trough" is composed of mafic volcanics and volcanic related sediments, with a dominant black shale-phyllite sequence occupying the eastern margin. The entire succession of volcano-sedimentary stratigraphy is intruded by contemporaneous and later intrusives (Jurassic) of syenitic and more acid varieties. The Quesnel terrain is accretionary via thrust faulting, onto the older Paleozoic Omineca belt. The area is complex structurally, with the dominant trend being north, northwesterly.

Local Geology: Ref. (1) (2) (10) (Fig. R-1)

The local geology is essentially unknown due to the widespread masking cover of glacial drift. The geology is best known in the southern project area (Dot Com-Rim), where the subsurface was tested by 7 drill holes in 2002-03 (10). The main feature of interest in the southern sector, is the 'big block breccia' unit (BR) surrounding the Finger Lake area. The BR unit underlies the hills surrounding Finger Lake and encompasses the prime enzyme leach (EZL) oxidation anomaly and the Ycg conglomerate unit on the Fir Ridge, just west of Finger Lake. The Ycg unit is a high energy conglomeratic accumulation of multi-lithologic cobbles and boulders, of which about 0.5% are mineralized clasts carrying native copper and/or bornite. This unit is considered to represent the collapsed walls of a former fissure vent due to the chaotic forms of the included rubble.

The BR unit is exposed in a rock pit at the north end of Finger Lake, and displays large size (to 2 m) clasts (blocks) of mixed volcanic and syenitic composition. The circumferential distribution of the BR unit with respect to unit Ycg is considered indicative of a paleo volcanic eruptive center.

During current field work no new outcrops were located.

TRENCHING OPERATIONS (TABLE A, FIG. 3b)

Excavator trenching in the soil anomalous area revealed the overburden to consist of two layers differentiated by the amount of compaction. The layer from surface down to ≈ 2 m consists of loose drift resting upon a compacted, semi-indurated layer very difficult to excavate. The term basal till comes to mind, but as bedrock depth is unknown, and previous drilling encountered overburden depths to 30 m, the term of compacted till is more appropriate.

GEOCHEMISTRY AND MINERALIZATION

Pit bottom soils of compacted till were collected from the last bucket out of the hole, representing deepest depth obtained, placed in standard kraft soil envelopes for shipment to ACME Labs in Vancouver. Details of the results and analytical method are given in the enclosed reports.

TABLE A
RIMFIRE PROJECT

CARIBOO M.D. 093A.033 Claims 56970, 56971, 518839

FILE: 14675-20/1640203

MINES ACT PERMIT MX-4-637

APPROVAL #12-1640203-0926

TEST PIT DETAILS – OCT. 2012 TRENCH OPERATIONS

Test Pit I.D.	Length (m)	Width (m)	Depth (m)	Volume (m ³)	Area of Disturb. (m ²)	Material Sampled			Assay			
						Drift	Basal Till	Float Rock	Cu ppm	Pb ppm	Zn ppm	Ag ppb
R12-1	3	1	3	9	3			✓	61.3	7.1	64	105
R12-2	3	1	2	6	3			✓	3706	2.6	31	2.3 *
R12-3	4	1	3	12	4		✓		128	9.7	78	118
R12-3								✓	>10,000	7.1	37	13.5
R12-4	4	1	2	8	4	✓			74.2	7.9	62	129
R12-5	4	1	3	12	4		✓		69.4	7.4	63	134
R3-400	10	5	2.5	125	50		✓		152	11.3	78	144
R3-400								✓	6188	7.5	29	11.9
R3-400A								✓	>10,000	76.4	99	50.5
R4+25	4	3	2.5	30	12		✓		177.4	10.9	88	187
R3+40W	4	1	2	8	4			✓	>10,000	36.3	96	33.5
R-3	2	1	2	4	2		✓		187	20.7	105	432
R12-6	3	1	3	9	3		✓		155.5	9	68	138
BL74.25S	5	1	3	15	5		✓		64.1	7.4	69	136
BLS	4	1	3	12	4	✓			141.4	17.4	95	275
R12-7	4	1	3	12	4		✓		60.1	8.5	76	156
332-520W	4	1	3	12	4		✓		67	8.7	74	155
332-540W	4	1	3	12	4		✓		64.7	6.8	70	208
332-560W	5	1	3	15	5		✓		81.5	8	68	172
332-580W	4	1	3.5	14	4		✓		73.5	9.1	70	222
332-600W	5	1	3.5	17.5	5		✓		52.3	6.9	65	118
Hoe scratch	4	2	1.5	12	8				No Sample			
Hoe Trail	115	3.5	-		402.5							
Wiggle-Thru	520	3.5	-		1,820							
TOTALS				344.5	2354.5 0.235 ha							

REFERENCE: ACME LABS VAN 12005146.1 – 05 NOV 2012 & VAN 12005147.1 – 09 NOV 2012

*All rock assays in ppm.

Range of Values (Ref. 7)

Based upon the preliminary soil survey of May 2001 which totaled 176 samples from wide spaced claim location lines representing maximum areal coverage, the following value ranges are presented:

<u>Cu ppm</u>	<u>Pb ppm</u>	<u>Zn ppm</u>	<u>Ag ppb</u>
0-40 86%	0-10 85%	0-100 85%	0-125 82%
40-70 10%	10-15 12%	>100 15%	125-275 16%
70-100 4%	>15 3%		275-300 2%

Copper: Ten of the 16 pit bottom till samples fall within or exceed the 4% maximum range. Sample BL 74.25S came from the bottom of a 3 m deep pit under a 2011 sample site that returned 1000 ppm Cu. The deep sample returned 64.1 ppm Cu, - reasons for the divergence are unknown. A second pit 70 m to the south (BLS) returned a value of ppm 187 Cu, and ppb 432 Ag at a depth of 3 meters.

Lead and Zinc: These are pathfinder elements to the known mineralization and were used to define the surface soil anomaly. With a few exceptions most of these (Pb Zn) values from depth fall into the background range.

Silver: All but 3 of the sub-surface silver values fall into the anomalous category, with the maximum recorded value ppb 432 Ag.

Calcium: As noted previously drift overlying the Rim claims is calcium enriched. Of the 99 soils collected in the 2011 grid work, only 5 samples exceeded 1% Ca. This compares with the current deep trenching results where only one of sixteen samples reported below 1% Ca, the majority being in the 2 – 3% range. All of the mineralized float rocks located were highly carbonate enriched, ranging up to 38% Ca. The sequestration effect of calcium on heavy metal ions is a factor to consider in assessing the soils' geochemical data.

Float Rocks Located (Table A, Rock Sample Descriptions)

In all, some 5 float rocks occurring in the upper drift layer were located by trenching within the surface defined soil geochemical anomaly. These were mostly sub angular in shape except for sample R12-3. Cu assay values ranged from 0.37% to +1.0%. Two of the 5 samples carry significant silver values (33.5, 50.5 ppm) associated with the higher Pb values, relative to the remainder. Of note is the high calcium content (36-38%Ca) with respect to comments on page 8.

The high Cu-Ca mineralization in strongly altered volcanics is the first instance of this style of mineral observed on the Rim claims to date.

CONCLUSIONS AND RECOMMENDATIONS (FIG. R-1, 3a)

A citation from the Bulletin of the Geological Society of America, Cornwall, H.R., Vol. 62, pgs 159-202 (Feb 1961) is as follows:

"The potential importance of syngenetic processes in forming at least primary concentrations of copper in the Michigan copper district must be recognized. A world-wide association of native copper with basaltic lavas suggests that some factor common to lavas causes the formation of native copper in preference to copper sulphides. The writer suggests that lavas lose more sulphur by volatilization than intrusive bodies because of the low pressure at which they solidify... If this hypothesis is valid, the native state of the copper indicates that its immediate source is the lavas in which it occurs."

Comparative similarities of the Rimfire claims are as follows:

- (1) Keweenaw Trend, Northern Michigan – Production of 5.4 MT of copper.
- (2) Coppermine River Area, N.W.T.
 - a. Broadly disseminated native Cu in Proterozoic basaltic lava flows
 - b. 47 Zone, shear zone hosted sulphide Cu, 3.2 MT @ 3.4% Cu
- (3) Sustut Copper, Triassic Volcanics, Queanell Trough, 43.5 MT @ 0.82% Cu (sulphide Cu).

The underlying geology of the Rim claims indicates sub-aerial deposition, i.e., breccia and flow units interspersed with volcanic-derived sandstone layers and mafic greywackes (10).

The current trenching program continued to demonstrate anomalous conditions in the compact till layer of overburden, at the South Finger Lake target area, however achievement of bedrock was not possible.

In all, 5 drill target zones are evident that require drill testing. These are referenced from the former Phelps Dodge grid. (FIG. R-1)

- (1) Line 100N, follow-up of intercepts in holes PD 03-06 and 07. Shear zone hosted sulphide copper.
- (2) Line 95N, fence drilling of soil geochemical anomaly with 25% Cu, 38.5 oz/t Ag float find.
- (3) Line 110N, fence drilling of the South Finger Lake geochemical anomaly, subject of current report.
- (4) Line 118N, fence drilling Fir Ridge enzyme leach – IP anomaly.
- (5) Line 100N, fence drilling untested IP anomaly at southwest end of line beneath Miocene cover. Potential mineralized syenitic intrusive.

The above targets span a lineal distance of some 4000 meters, providing ample room for tonnage development. (The areal footprint of the Sustat deposit measures some 800 meters long x 500 meters in width.)

Prepared by



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

**Statement of Costs – Rimfire Project
Period 12-17 October 2012 (inclusive)**

Work on the subject claim was performed by the co-owners:

Herb Wahl, P.Eng.,B.C.
1416 Ocean Beach Esplanade
Gibsons, BC V0N 1V3 and
J.V. Brown-John
Box 4248
Williams Lake, BC V2G 2V3

H.J. Wahl, 6 days field @ \$1,100/day Supervision, sampling & surveying	\$6,600.00
H.J. Wahl, 8 days @ \$500/day Organization, logistics and reporting	4,000.00
J.V. Brown-John, Experienced Prospector/Field Assistant, 8 days @ \$600/day, hoe and transport arrangements, road clearance, and field work (including rehab) Period 10 – 17 October 2012	\$4,800.00

Sub Total: \$15,400.00

Permit application, Notice of Work Jim Brown-John, Williams Lake, BC V2G 5A8 3 days @ \$400/day	\$1,200.00
Field Vehicle, Ford F-350 SD 4x4, Lic.5181EY 6 days @ \$200/day	1,200.00
Arctic Cat 700, 4x4 Quad, 6 days @\$300/day	1,800.00
Accommodation (02) McQueen Cabin, Rodman Rd. Horsefly,BC 5 days @ \$75/day	375.00
Excavator haulage (Low Boy) Kevin Busch, 150 Mile House, BC	551.60
Excavator Charges, JD200-LC, 4 days@\$1500/day	\$6,000.00
Travel expense (01)	361.79
Prints, photocopies (04)	89.61
Secretarial (05)	300.00
Postage, freight, communications (06)	25.68
Field supplies (07)	265.42
Assaying (11)	557.62

Sub Total: \$12,726.72

Grand Total: \$28,126.72

Certified True and Correct



REFERENCES

- 1) Panteleyev, A., et al. (1996) *Geology and Mineral Deposits of the Quesnel River - Horsefly Map Area, Central Quesnel Trough, British Columbia*, B.C.D.M. Bull 97.
- 2) Panteleyev, A. and Hancock, K. (1989), *Geology of the Beaver Creek-Horsefly River Map Area*, BCDM OF 1989-14.
- 3) Geophysics Paper 5239 (1961) Beaver Creek, B.C. 93-A-5.
- 4) Geophysics Paper 5239 (1967) Horsefly, B.C. 93-A-6.
- 5) Shives, R.B.K., Carson, J.M., Ford, K.L., Holman, P.B. and Cathro, M. (2004): *Horsefly Multisensor Geophysical Survey; Geological Survey of Canada*, Openfile 2004-9, map.
- 6) Wahl, H.J., P.Eng., *Report of Initial Exploration on the Dot Com 1-6 Mineral Claims*, May 1999.
- 7) Wahl, H.J., P.Eng. *Report of Preliminary Soils Survey on the Rim Mineral Claims*. May 2001
- 8) Wahl, H.J., P.Eng. *Rimex Group: Report of Initial Enzyme Leach Soils Survey*, May 2002.
- 9) Wahl, H.J. P.Eng. (2002) Memorandum Report, RIM Claims, unpublished report, 21 pages. Covers initial trenching results on the Fir Ridge area.
- 10) Payne, C. (2003): 2002-2003 Summary Report on the RIM Property, Dot-com Project, for Phelps Dodge Corporation of Canada, Limited. Crest Geological Consultants Ltd. report, 168 pages with maps.
- 11) Hancock, K. P.Geo., Property Review Rim, Dot Com, PD claims, 22 June 2004: A private report prepared as qualifying document for the Vancouver Stock Exchange.
- 12) Wahl, H.J. P.Eng., 2005 Rim Project, *Report of March 2005 Trenching on the PD-4 Mineral Claim*.
- 13) Wahl, H.J. P.Eng., 727 Irate Project, *Report of Preliminary Exploration on the NPC-1&2, Irate 1 & 2 and District Lot 727*, June 2005.
- 14) Wahl, H.J. P.Eng., 727 Irate Project, *Report of Initial Core Drilling on District Lot 727*, May 2006.
- 15) Wahl, H.J. P.Eng., *Report of August-September 2008 Exploration on the Rimfire Project*, Oct. 2008.
- 16) Wahl, H.J. P.Eng., Rimfire Project, *Report of September 2009 Grid Soil Sampling (conventional)*, Sept. – Oct. 2009.
- 17) Wahl, H.J. P.Eng., Rimfire Project, *Report of July 2011 Soil Sampling (conventional)*, August 2011

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. V0N 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.

**Rimfire Project – October 2012
Rock Sample Descriptions
Mines Act Permit MX-4-637, Approval #12-1640203-0926**

R3-400 ≈ 2 kg sub-angular float rock in glacial drift, massive carbonate alteration of medium grey volcanic ± 50% carbonate malachite stain throughout, but restricted to volcanic host. Volcanic appears to be mafic tuff. Non magnetic.

Assay: **Cu 6188 – Pb 7.5 – Zn 29 – Ag 11.9 – Ca – 37.01 ***

R3+40W ≈ 3 kg sub-angular boulder (float rock in glacial drift), carbonate rich but no massive zones as in R3-400. Strong malachite throughout rock fabric, host very similar to R3-400. Non magnetic.

Assay: **Cu >10,000 – Pb 36.3 – Zn 96 – Ag 33.5 – Ca 36.63**

R3-400A Similar to R3-40W.

Assay: **Cu >10,000 – Pb 76.4 – Zn 99 – Ag 50.5 – Ca 37.86**

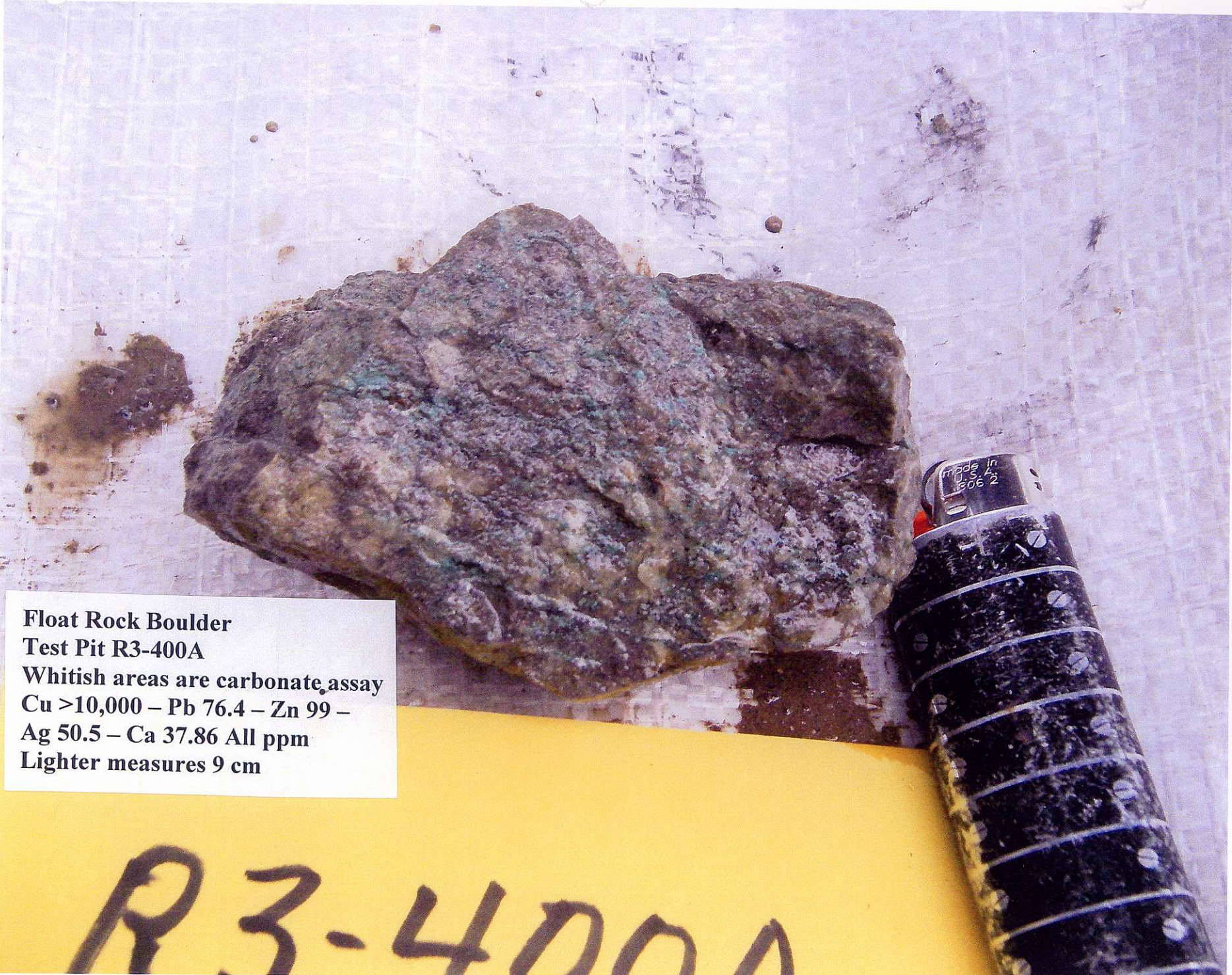
R12-2 0.5 kg rounded cobble from drift layer, dark grey, fine-grained ground mass, pyroxene phyrric. Non magnetic.

Assay: **Cu 3706 – Pb 2.6 – Zn 31 – Ag 2.3 – Ca 1.02**

R12-3 Small round cobble 4 cm x 3.8 cm. Heavy malachite stain. Non magnetic.

Assay: **Cu >10,000 – Pb 7.1 – Zn 37 – Ag 13.5 – Ca 1.64**

*** All values in ppm
Ref: Acme Labs VAN 12005147.1
Also Photo Gallery**

A photograph of a large, irregularly shaped rock boulder with a dark, textured surface. The rock is placed on a light-colored, grid-patterned surface. To the right of the rock is a black flashlight with silver accents. The flashlight's lens is visible, and it has some text on it: "made in U.S.A. 1506 2". The rock has some lighter, whitish areas. The background is a light-colored, grid-patterned surface. The photo is mounted on a white background with three hole punches at the top.

Float Rock Boulder

Test Pit R3-400A

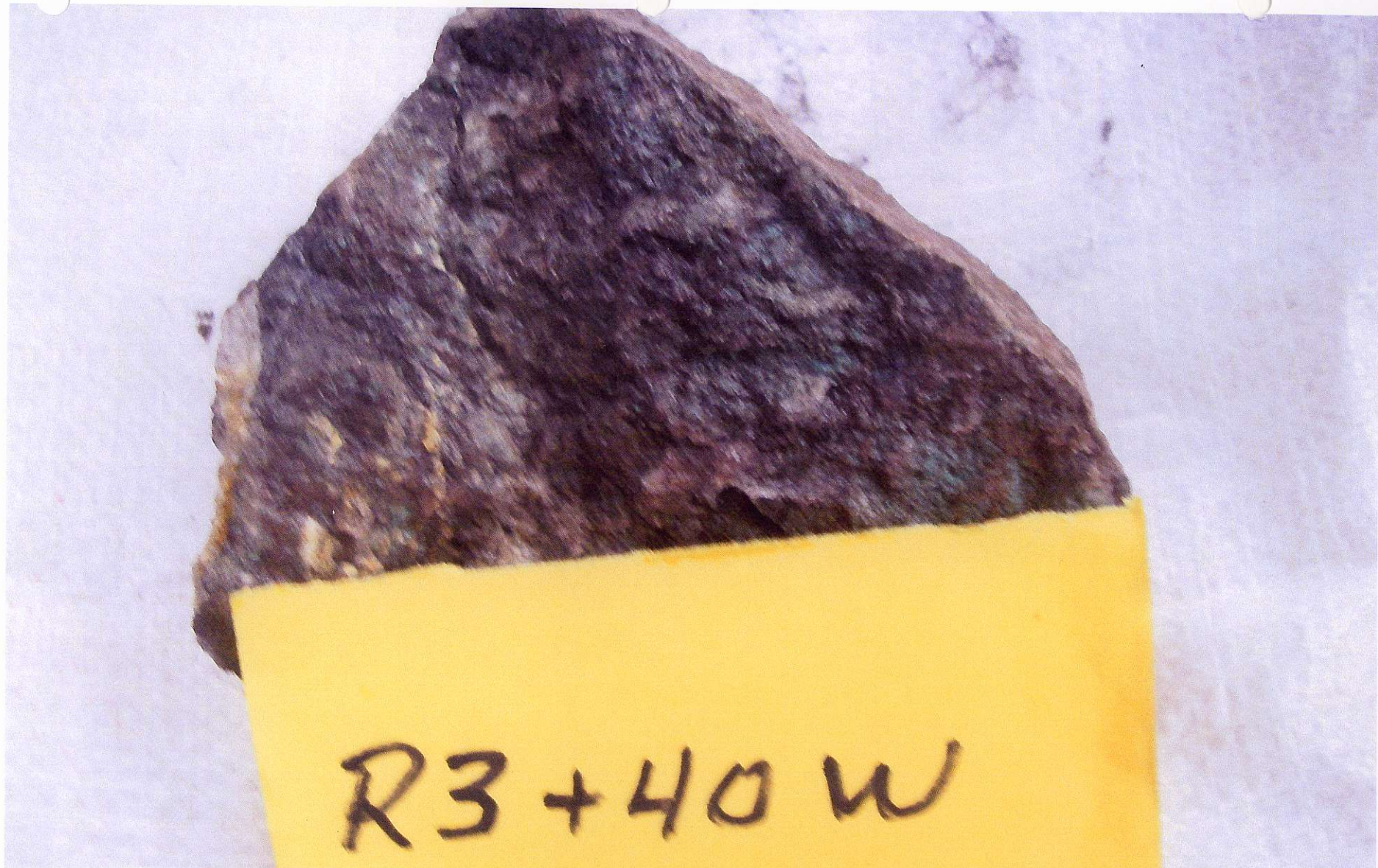
Whitish areas are carbonate, assay

Cu >10,000 – Pb 76.4 – Zn 99 –

Ag 50.5 – Ca 37.86 All ppm

Lighter measures 9 cm

R3-400A



**Portion of Float Boulder
From Test Pit R3+40**

Assay (ppm)

Cu >10,000 – Pb 36.3 – Zn 96 –

Ag 33.5 – Ca 36.63

Lighter measures 9 cm



RIMFIRE PROJECT – October 2012
Trench Operations. Typical scene of
back-filled Test Pit, seeding in progress



RIMFIRE PROJECT – October 2012
Trench Operations, Sample photo of Post
Trenching Back-fill, vicinity Line 332, 520-600W



RIMFIRE PROJECT – October 2012
Trench Operations. View of side-cut Trail passing
over Pit location R3-40W South Side Haul Road.
Seeding after back-fill.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

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Client: **Wahl, Herb**
1416 Ocean Beach Espl.
Gibson BC V0N 1V3 Canada

Submitted By: Herb Wahl
Receiving Lab: Canada-Vancouver
Received: October 30, 2012
Report Date: November 05, 2012
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN12005146.1

CLIENT JOB INFORMATION

Project: RIMFIRE
Shipment ID:
P.O. Number
Number of Samples: 16

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	16	Dry at 60C			VAN
SS80	16	Dry at 60C sieve 100g to -80 mesh			VAN
1DX2	16	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

SAMPLE DISPOSAL

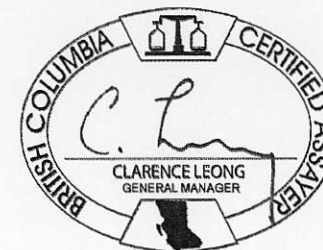
DISP-PLP Dispose of Pulp After 90 days
DISP-RJT-SOIL Immediate Disposal of Soil Reject

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: **Wahl, Herb**
1416 Ocean Beach Espl.
Gibson BC V0N 1V3
Canada

CC:



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*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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 Gibson BC V0N 1V3 Canada

Project: RIMFIRE
 Report Date: November 05, 2012

Page: 2 of 2

Part: 1 of 1

CERTIFICATE OF ANALYSIS

VAN12005146.1

Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
				Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
				ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	%	%	ppm		
				0.1	0.1	0.1	1	0.0001	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	2	0.01	0.001	1	
BLS	Soil			0.5	141.4	17.4	95	274.8	17.1	12.8	1041	3.80	9.4	6.3	1.7	168	0.2	0.3	<0.1	142	1.66	0.176	11
BL 74.25S	Soil			0.6	64.1	7.4	69	136.4	21.3	12.7	790	3.04	6.9	2.8	2.5	169	0.2	0.3	<0.1	95	2.66	0.145	12
L332 520W	Soil			0.5	67.0	8.7	74	155.2	24.8	13.9	781	3.18	6.9	0.7	2.7	137	0.2	0.4	<0.1	95	2.64	0.143	12
L332 540W	Soil			0.6	64.7	6.8	70	208.3	25.5	13.1	724	2.96	6.7	4.8	2.6	136	0.2	0.4	<0.1	91	2.76	0.138	12
L332 560W	Soil			0.5	81.5	8.0	68	172.3	18.4	11.0	758	2.88	6.0	3.7	2.0	145	0.4	0.3	<0.1	90	2.29	0.145	12
L332 580W	Soil			0.5	73.5	9.1	70	222.3	17.0	10.5	695	2.89	5.7	4.3	2.1	136	0.2	0.3	<0.1	92	2.34	0.142	12
L332 600W	Soil			0.5	52.3	6.9	65	117.9	24.5	13.4	771	2.96	6.3	2.1	2.9	148	0.3	0.3	<0.1	87	2.72	0.137	13
R-3	Soil			0.7	187.0	20.7	105	431.9	17.4	15.0	1344	4.02	7.9	3.1	1.7	110	0.5	0.3	<0.1	139	1.82	0.166	11
R-3 400	Soil			0.5	152.0	11.3	78	143.7	20.6	14.1	1019	4.49	5.0	11.7	1.4	74	0.2	0.2	<0.1	162	0.80	0.140	9
R4+25	Soil			0.5	177.4	10.9	88	187.2	28.4	22.9	1235	4.82	6.7	3.7	2.0	89	0.2	0.2	<0.1	174	1.18	0.179	12
R12-1	Soil			0.6	61.3	7.1	64	104.7	32.6	14.3	787	3.11	9.1	2.5	2.8	104	0.2	0.3	<0.1	85	2.21	0.119	12
R12-3	Soil			0.5	127.9	9.7	78	117.5	22.2	16.9	880	3.78	5.5	1.7	2.2	104	0.2	0.3	<0.1	130	2.78	0.157	12
R12-4	Soil			0.6	74.2	7.9	62	129.1	24.8	13.3	753	2.98	5.5	2.6	2.7	125	0.2	0.3	<0.1	90	3.01	0.130	13
R12-5	Soil			0.6	69.4	7.4	63	133.8	22.7	12.9	730	2.98	4.9	2.3	2.7	137	0.2	0.3	<0.1	89	3.62	0.126	12
R12-6	Soil			0.4	155.5	9.0	68	137.8	16.3	11.2	723	3.33	4.7	4.8	1.7	148	0.3	0.2	<0.1	127	1.34	0.129	11
R12-7	Soil			0.6	60.1	8.5	76	155.8	28.8	13.7	859	3.16	7.7	2.4	3.2	128	0.3	0.4	<0.1	94	2.18	0.144	14

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Acme Analytical Laboratories (Vancouver) Ltd.

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Client: **Wahl, Herb**
 1416 Ocean Beach Espl.
 Gibson BC V0N 1V3 Canada

Project: RIMFIRE
 Report Date: November 05, 2012

Page: 2 of 2

Part: 2 of 1

CERTIFICATE OF ANALYSIS

VAN12005146.1

Method	Analyte	Unit	MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15		
				Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
				ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
				1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.05	1	0.5	0.2	
BLS	Soil			35	0.84	78	0.135	8	2.86	0.675	0.10	0.1	0.14	6.5	<0.1	0.06	7	<0.5	<0.2
BL 74.25S	Soil			32	0.87	112	0.111	5	2.32	0.297	0.14	<0.1	0.03	5.9	<0.1	<0.05	6	<0.5	<0.2
L332 520W	Soil			35	0.88	102	0.111	5	2.06	0.318	0.14	<0.1	0.05	5.7	<0.1	<0.05	5	<0.9	<0.2
L332 540W	Soil			36	0.81	96	0.109	6	1.95	0.277	0.13	<0.1	0.07	5.5	0.1	<0.05	5	<0.5	<0.2
L332 560W	Soil			28	0.76	87	0.106	6	2.19	0.361	0.10	0.1	0.06	5.2	<0.1	<0.05	6	<0.5	<0.2
L332 580W	Soil			32	0.74	81	0.102	6	1.99	0.439	0.09	0.1	0.04	4.5	<0.1	<0.05	5	<0.5	<0.2
L332 600W	Soil			34	0.84	105	0.106	4	2.05	0.280	0.12	0.1	0.04	5.5	<0.1	<0.05	6	<0.5	<0.2
R-3	Soil			30	0.91	71	0.129	7	2.78	0.788	0.10	<0.1	0.11	6.8	<0.1	<0.08	7	<0.5	<0.2
R-3 400	Soil			47	0.87	57	0.146	8	2.22	0.816	0.06	0.1	0.03	5.8	<0.1	<0.05	5	<0.5	<0.2
R4+25	Soil			53	1.78	80	0.179	9	4.13	1.389	0.12	0.1	0.05	11.0	<0.1	<0.05	9	<0.5	<0.2
R12-1	Soil			43	0.94	113	0.110	4	1.94	0.364	0.11	<0.1	0.03	6.0	<0.1	<0.05	5	<0.5	<0.2
R12-3	Soil			38	1.25	81	0.146	6	2.55	0.808	0.11	<0.1	0.03	7.2	<0.1	<0.05	6	<0.5	<0.2
R12-4	Soil			36	0.92	99	0.117	5	2.08	0.386	0.11	<0.1	0.04	6.1	<0.1	<0.06	6	<0.5	<0.2
R12-5	Soil			36	0.80	101	0.117	4	1.94	0.372	0.10	<0.1	0.04	5.6	<0.1	<0.05	5	<0.5	<0.2
R12-6	Soil			34	0.84	66	0.116	7	2.35	0.477	0.09	<0.1	0.04	5.6	<0.1	<0.05	6	<0.5	<0.2
R12-7	Soil			38	0.88	117	0.119	4	2.23	0.284	0.14	0.1	0.04	5.8	0.1	<0.05	6	<0.5	<0.2

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Client: **Wahl, Herb**
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 Gibson BC V0N 1V3 Canada

Project: RIMFIRE
 Report Date: November 05, 2012

Page: 1 of 1

Part: 1 of 1

QUALITY CONTROL REPORT

VAN12005146.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
Unit	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	
MDL	0.1	0.1	0.1	1	0.0001	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1	
Reference Materials																					
STD DS9	Standard	13.0	117.7	129.6	329	1904	42.0	8.2	605	2.46	24.4	112.2	6.4	68	2.2	5.1	6.5	49	0.74	0.089	13
STD DS9 Expected		12.84	108	128	317	1830	40.3	7.8	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	46	0.7201	0.0819	13.3
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.0001	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	9	<0.01	<0.001	<1



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Client: **Wahl, Herb**
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 Gibson BC V0N 1V3 Canada

Project: RIMFIRE
 Report Date: November 05, 2012

Page: 1 of 1

Part: 2 of 1

QUALITY CONTROL REPORT

VAN12005146.1

Method	1DX15	1DX16	1DX16	1DX16	1DX16	1DX16	1DX16	1DX16	1DX16	1DX16	1DX16	1DX16	1DX16	1DX16	1DX16	1DX16	1DX16
Analyte	Cr	Mg	Ba	Tl	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Reference Materials																	
STD DS9 Standard	127	0.66	302	0.113	3	0.99	0.091	0.40	2.9	0.21	2.9	5.6	0.20	5	5.4	4.7	
STD DS9 Expected	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02	
BLK Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	0.07	<1	<0.5	<0.2	



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Submitted By: Herb Wahl
Receiving Lab: Canada-Vancouver
Received: October 30, 2012
Report Date: November 09, 2012
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN12005147.1

CLIENT JOB INFORMATION

Project: RIMFIRE
Shipment ID:
P.O. Number
Number of Samples: 5

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	5	Crush, split and pulverize 250 g rock to 200 mesh			VAN
1DX2	5	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

SAMPLE DISPOSAL

DISP-PLP Dispose of Pulp After 90 days
DISP-RJT Dispose of Reject After 90 days

ADDITIONAL COMMENTS

Acme does not accept responsibility for samples left at the laboratory after 90 days without prior written instructions for sample storage or return.

Invoice To: **Wahl, Herb**
1416 Ocean Beach Espl.
Gibson BC V0N 1V3
Canada

CC:



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Project: RIMFIRE
Report Date: November 09, 2012

Page: 2 of 2

Part: 1 of 1

CERTIFICATE OF ANALYSIS

VAN12005147.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
G1	Prep Blank	<0.01	0.3	5.2	3.1	45	<0.1	4.2	4.2	597	1.95	<0.5	2.7	5.2	66	<0.1	<0.1	<0.1	35	0.41	0.071
R3+40W	Rock	2.02	0.9	>10000	36.3	96	33.5	1.9	1.5	1371	0.64	1.9	1.4	0.2	192	2.5	0.2	<0.1	33	36.63	0.038
R3+400	Rock	2.38	0.7	6188	7.5	29	11.9	0.8	0.6	1406	0.28	0.8	2.0	0.1	217	1.2	<0.1	<0.1	11	37.01	0.024
R3+400A	Rock	1.04	0.9	>10000	76.4	99	50.5	2.0	1.1	1205	0.42	1.2	2.0	0.2	227	2.7	<0.1	<0.1	37	37.86	0.048
R12-2	Rock	0.65	0.5	3706	2.6	31	2.3	3.8	13.2	960	3.34	4.9	8.3	4.2	78	<0.1	<0.1	<0.1	169	1.02	0.251
R12-3	Rock	0.06	2.6	>10000	7.1	37	13.5	12.8	25.5	997	5.13	3.1	5.6	2.8	153	4.8	0.1	<0.1	344	1.64	0.338



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Project: RIMFIRE
 Report Date: November 09, 2012

Page: 2 of 2

Part: 2 of 1

CERTIFICATE OF ANALYSIS

VAN12005147.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	La	Cr	Mg	Ba	Tl	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
G1	Prep Blank	10	8	0.60	229	0.103	<1	0.98	0.085	0.50	<0.1	<0.01	2.3	0.3	<0.05	5	<0.5	<0.2
R3+40W	Rock	2	11	0.19	7	0.003	3	0.22	0.015	0.01	<0.1	0.39	2.9	<0.1	<0.05	<1	<0.5	<0.2
R3+400	Rock	2	3	0.15	10	0.002	2	0.12	0.011	<0.01	<0.1	0.21	0.9	<0.1	<0.05	<1	<0.5	<0.2
R3+400A	Rock	2	10	0.19	4	0.001	2	0.19	0.017	<0.01	<0.1	0.44	4.5	<0.1	<0.05	<1	<0.5	<0.2
R12-2	Rock	20	2	0.85	40	0.138	9	1.04	0.262	0.09	<0.1	0.11	2.2	<0.1	<0.05	4	<0.5	<0.2
R12-3	Rock	18	15	2.33	113	0.251	33	3.52	1.360	0.49	0.3	0.05	9.1	<0.1	0.53	11	9.5	0.6

This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only.



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Client: **Wahl, Herb**
 1416 Ocean Beach Espl.
 Gibson BC V0N 1V3 Canada

Project: RIMFIRE
 Report Date: November 09, 2012

Page: 1 of 1

Part: 1 of 1

QUALITY CONTROL REPORT

VAN12005147.1

Method	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
Unit	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	
MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
Pulp Duplicates																					
R12-2	Rock	0.65	0.5	3706	2.6	31	2.3	3.8	13.2	960	3.34	4.9	8.3	4.2	78	<0.1	<0.1	<0.1	169	1.02	0.251
REP R12-2	QC		0.4	3825	3.0	34	2.3	3.6	14.0	1084	3.32	5.3	8.9	4.4	85	<0.1	<0.1	<0.1	171	1.16	0.246
Reference Materials																					
STD DS9	Standard		13.5	124.9	140.6	311	2.0	40.9	8.0	606	2.42	29.3	111.6	7.5	87	2.5	6.4	7.3	40	0.77	0.091
STD DS9 Expected			12.84	108	126	317	1.83	40.3	7.6	575	2.33	25.5	118	6.38	69.6	2.4	4.94	6.32	40	0.7201	0.0819
BLK	Blank		<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
Prep Wash																					
G1	Prep Blank	<0.01	0.3	5.2	3.1	45	<0.1	4.2	4.2	597	1.95	<0.5	2.7	5.2	66	<0.1	<0.1	<0.1	35	0.41	-0.071



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Page: 1 of 1

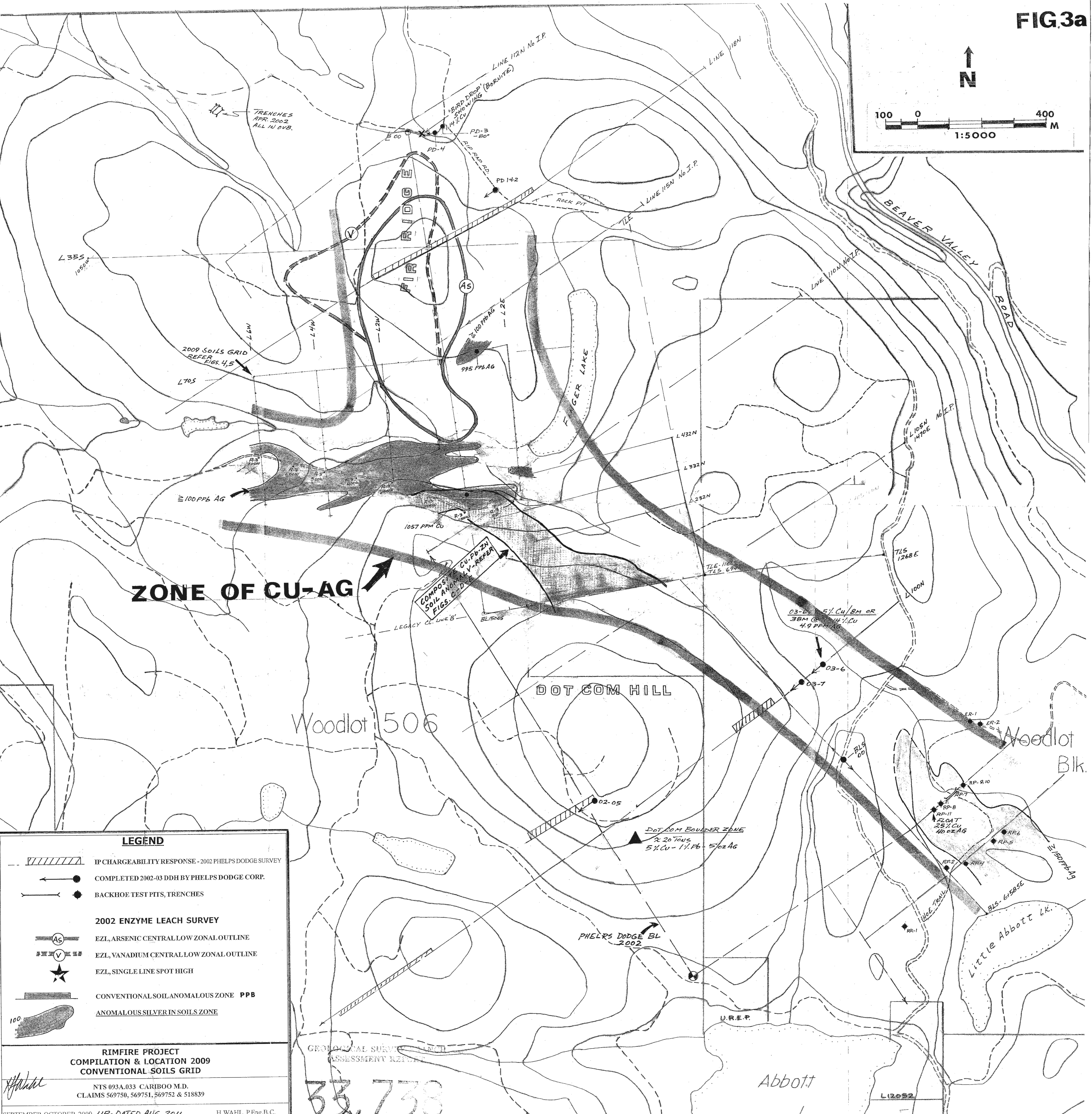
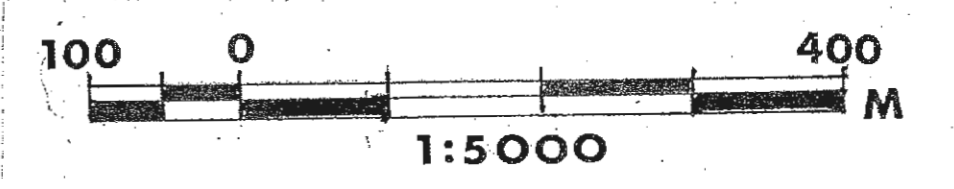
Part: 2 of 1

QUALITY CONTROL REPORT

I

VAN12005147.1

Method	Analyte	Unit	MDL	1DX15 La ppm	1DX15 Cr ppm	1DX15 Mg %	1DX15 Ba ppm	1DX15 Ti %	1DX15 B ppm	1DX15 Al %	1DX15 Na %	1DX15 K %	1DX15 W ppm	1DX15 Hg ppm	1DX15 Sc ppm	1DX15 Ti ppm	1DX15 S %	1DX15 Ga ppm	1DX15 Se ppm	1DX15 Te ppm
				1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
Pulp Duplicates																				
R12-2	Rock			20	2	0.85	40	0.138	9	1.04	0.262	0.09	<0.1	0.11	2.2	<0.1	<0.05	4	<0.5	<0.2
REP R12-2	QC			21	2	0.85	42	0.139	8	1.08	0.270	0.09	<0.1	0.11	2.7	<0.1	<0.05	4	<0.5	<0.2
Reference Materials																				
STD DS9	Standard			15	126	0.64	323	0.122	4	1.00	0.089	0.42	3.0	0.23	2.7	5.5	0.17	4	5.2	5.0
STD DS9 Expected				13.3	121	0.6165	295	0.1108		0.9577	0.0853	0.395	2.89	0.2	2.5	5.3	0.1615	4.59	5.2	5.02
BLK	Blank			<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
Prep Wash																				
G1	Prep Blank			10	8	0.60	.229	0.103	<1	0.98	0.085	0.50	<0.1	<0.01	2.3	0.3	<0.05	5	<0.5	<0.2



ZONE OF CU-AG

COMPOSITE SOIL ANALYSIS V-REFER Figs. 6, D, E

DOT COM HILL

Woodlot 506

Woodlot Blk.

Little Abbott Lk.

LEGEND

	IP CHARGEABILITY RESPONSE - 2002 PHELPS DODGE SURVEY
	COMPLETED 2002-03 DDH BY PHELPS DODGE CORP.
	BACKHOE TEST PITS, TRENCHES
2002 ENZYME LEACH SURVEY	
	EZL, ARSENIC CENTRAL LOW ZONAL OUTLINE
	EZL, VANADIUM CENTRAL LOW ZONAL OUTLINE
	EZL, SINGLE LINE SPOT HIGH
	CONVENTIONAL SOIL ANOMALOUS ZONE PPB
	ANOMALOUS SILVER IN SOILS ZONE

**RIMFIRE PROJECT
 COMPILATION & LOCATION 2009
 CONVENTIONAL SOILS GRID**

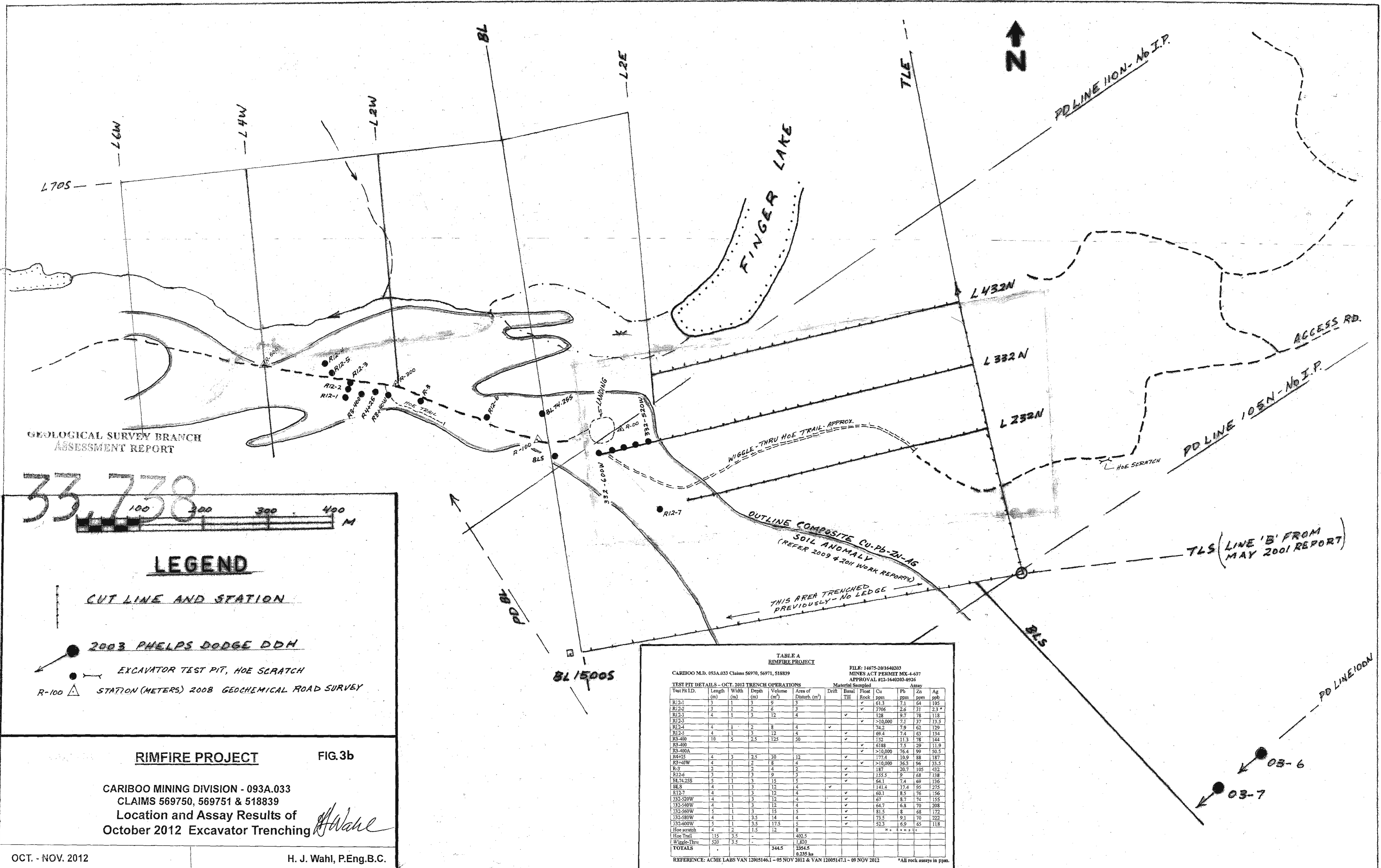
NTS 093A.033 CARIBOO M.D.
 CLAIMS 569750, 569751, 569752 & 518839

SEPTEMBER-OCTOBER 2009 UP-DATED AUG. 2011 H. WAHL, P.Eng. B.C.

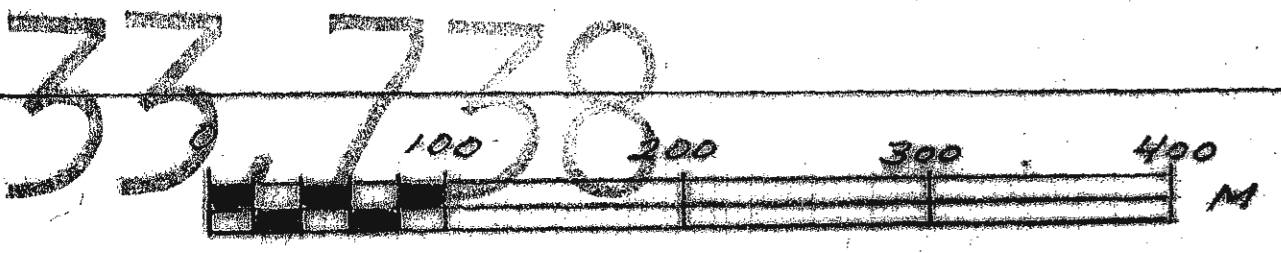
33,738

Abbott

L12052



GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT



LEGEND

- CUT LINE AND STATION
- 2003 PHELPS DODGE DDH
- EXCAVATOR TEST PIT, HOE SCRATCH
- R-100 STATION (METERS) 2008 GEOCHEMICAL ROAD SURVEY

RIMFIRE PROJECT

FIG. 3b

CARIBOO MINING DIVISION - 093A.033
CLAIMS 569750, 569751 & 518839
Location and Assay Results of
October 2012 Excavator Trenching *H. Wahl*

OCT. - NOV. 2012

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

**TABLE A
RIMFIRE PROJECT**

CARIBOO M.D. 093A.033 Claims 56970, 56971, 518839 FILE: 14675-201640203
MINES ACT PERMIT MX-4-637
APPROVAL #12-1640203-0926

TEST PIT ID.	Length (m)	Width (m)	Depth (m)	Volume (m³)	Area of Disturb. (m²)	Material Sampled		Assay			
						Drift	Flint Rock	Cu ppm	Pb ppm	Zn ppm	Ag ppm
R12-1	3	1	3	9	3		✓	61.3	7.1	64	195
R12-2	3	1	2	6	3		✓	3706	2.6	31	2.3*
R12-3	4	1	3	12	4		✓	128	9.7	78	118
R12-4	4	1	2	8	4		✓	>10,000	7.1	37	13.5
R12-5	4	1	3	12	4		✓	74.2	7.9	62	129
R12-6	4	1	3	12	4		✓	69.4	7.4	63	134
R3-400	10	5	2.5	125	50		✓	152	11.3	78	144
R3-400							✓	6188	7.5	29	11.9
R3-400A							✓	>10,000	76.4	99	50.5
R0475	4	3	2.5	30	12		✓	177.4	18.9	88	187
R3-40W	4	1	2	8	4		✓	>10,000	36.3	196	33.5
R-3	2	1	2	4	2		✓	187	20.7	105	432
R12-6	3	1	3	9	3		✓	155.5	9	68	138
BL7425S	5	1	3	15	5		✓	64.1	7.4	69	136
BL5	4	1	3	12	4		✓	141.4	17.4	95	275
R12-7	4	1	3	12	4		✓	60.1	8.5	76	156
332-520W	4	1	3	12	4		✓	67	8.7	74	155
332-540W	4	1	3	12	4		✓	64.7	6.8	70	208
332-560W	5	1	3	15	5		✓	81.5	8	68	172
332-580W	4	1	3.5	14	4		✓	73.5	9.1	70	222
332-600W	5	1	3.5	17.5	5		✓	52.3	6.9	65	118
Hoe scratch	4	2	1.5	12	8						
Hoe Trail	115	3.5		402.5							
Wiggle-Thru	520	3.5		1,820							
TOTALS				344.5	2354.5						
					0.235 ha						

REFERENCE: ACME LABS VAN 12005146.1 - 05 NOV 2012 & VAN 12005147.1 - 09 NOV 2012 *All rock assays in ppm.

RIM PROJECT
Cariboo M.D. Central B.C.
093A.033

LEGEND

- OVERBURDEN, PLEISTOCENE AND YOUNGER: DRIFT, SLOPE WASH, LOCAL FELSENSMEIER (FSN)
- MIOCENE PLATEAU BASALTS
- CONGLOMERATE, VOLCANIC DERIVED, SEMI-CONSOLIDATED, ROUNDED ANGULAR CLASTS TO 60 CM OR MORE, CONTAINS 1% MINERALIZED CLASTS OF PYROXENE WACKE, SILICA AND ANALCITE ALTERED VOLCANICS. PRIMARY MINERALIZATION IS BORNITENATIVE Cu, CRETACEOUS? JURASSIC? TRIASSIC?
- CONGLOMERATE, NON-OUTCROPPING, AT DEPTH OF 5m BELOW GROUND SURFACE, S.F.R. RIDGE AREA, EXTREMELY HARD (SILICIFIED), PROBABLE THERMAL ALTERATION.
- SYENITIC INTRUSIVES, LIGHT PINKISH-BUFF/TAN IN COLOR AS OPPOSED TO MINERALIZED CLASTS WHICH ARE SILICIFIED AND DARK COLORED.
- COARSE, BIG BLOCK, POLYLITHIC VOLCANIC BRECCIA.
- BIRD DROP VOLCANIC, UNIT 2E OF BULL. #7 MAY INCLUDE SOME MAFIC WACKE.
- MAFIC VOLCANICS UNDIFFERENTIATED OLIVINE-PYROXENE PHRYC.

FLOAT SITE, NATIVE Cu
 FLOAT SITE, BORNITE
 Cu SHOWING, BORNITE
 Cu SHOWING BORNITENATIVE Cu
 Cu SHOWING NATIVE Cu
 CHALCOCITE SHOWING - SAMPLE NO. - ASSAY IN % Cu

E.Z.L. ARSENIC CENTRAL LOW ZONAL OUTLINE
 E.Z.L. VANADIUM CENTRAL LOW ZONAL OUTLINE
 E.Z.L. SINGLE LINE SPOT HIGH

VLF EM CONDUCTOR AXIS
 MAG LOW ZONE
 MAG HIGH ZONE
 JP CHARGEABILITY RESPONSE
 COMPLETED 2002-03 DDH BY PHELPS DODGE CORP.
 BACKHOE TEST PITS, TRENCHES

53,758

GEOLOGICAL SURVEY BRANCH
ASSESSMENT REPORT



off plane

