DIAMOND DRILLING ASSESSMENT REPORT

ON THE

Centrefire and Red Hat Properties

McIlraith, Lomond and Webb Townships, Patricia Mining District

UTM Zone 15 - NAD 83 Projection
539695m E, 5538753m N

PREPARED BY:

Andrew Tims, P.Geo. Northern Mineral Exploration Services

March 16, 2011

SUMMARY

This report presents and discusses the results of a 5 hole, 939.4 meter BQTW diamond drill program conducted by Abitibi Mining Corp, (ABB) on the Red Hat and Centrefire properties between December 1st, 2010 and February 1st, 2011. The Richardson Property is located 50 kilometres Northwest of the nearest large population centre at Fort Francis, Ontario.

The purpose of the program was to test airborne conductors as delineated from the 2010 VTEM survey and to test at depth the auriferous massive sulphide interval encountered while trenching on the Red Hat property in 2009.

Conductors remain unexplained and the sulphide horizon encountered during a previous trenching program was due to a thick pyrite vein laying along the beroch surface. The Centre Fire-Redhat properties cover a large portion of the Abram Lake Greenstone Belt. A suite of volcanics that is coeval with the South Sturgeon Lake-Mattabi Volcanogenic Massive Sulphide Camp. Mineraliztion and alteration encountered during this drill program indicates hydrothermal systems were actively depositing sulphides on the sea floor. Numerous conductors remain to be tested. Further work is recommended for these properties in the form of geochemistry and drilling. A budget of $278,140 to complete the evaluation of the property is outlined

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INTRODUCTION

This report presents and summarizes the results of a 5 hole, 939.4 meter BQTW diamond drill program conducted by Abitibi Mining Corp, (ABB) on the Red Hat and Centrefire properties located southwest of Sioux Lookout, Ontario (Figure 1) in the Patricia Mining District.

The drill program was conducted between December 1st, 2010 and February 1st, 2011. Andrew Tims P.Geo of Thunder Bay and Roger MacDonald P.Geo, of Victoria, British Columbia managed the program.

LOCATION, ACCESS AND PHYSIOGRAPHY

The Red Hat and Centrefire properties is located in McIlraith, Lomond and Webb Townships, approximately 80 km west-southwest of Sioux Lookout, Ontario (Figure 1), in the Patricia Mining Division on claim map G-2882,G2876 and G2888. The approximate UTM co-ordinates for the centre of the two properties are 539695m E, 5538753m N (NAD83 Zone 15) on NTS map sheets 52F/15, 52F/F16 and 52K/01.

Road access to the property is provided by the Kathlyn Lake Road, a gravel logging road leading from Highway #72. The logging road originates 37 kilometres southwest of Sioux Lookout towards Dinorwic. The property is about 18 kilometres from Highway #72 (Figure 2). There are no known environmental liabilities or public hazards associated with the property, and work permits are not required in Ontario to perform the work prescribed in this report. The topography of the property has low relief with a rolling surface and elevations ranging from 370 metres to 440 metres above sea level. The terrain consists of low-lying areas covered by glacial clay and sand (originally formed by an arm of Lake Agassiz) and minor outcropping ridges of the felsic units (Bottrill, 1979a). It was originally heavily wooded with spruce, jackpine, birch and popular, but a significant amount of forest had been removed by logging according to Bottrill (1979a). Forest has since regrown over the logged areas, although logging is still evident by variations in tree height.


N
W
E
S
Musslewhite
Red Lake
Centrefire & Red Hat Property
Sioux Lookout
Dryden
Ft Frances
Thunder Bay
Hemlo
Eagle River
Timmins
Kirkland Lake
Sudbury
ABITIBI MINING CORP.
PROPERTY LOCATION
Date:25/2/2009
Author:
Office:
Drawing:
FIGURE 1
Scale: 1:6000000
Projection: Longitude / Latitude (NAD 27 for Canada)
0
50
100
200
kilometres

CLAIMS AND OWNERSHIP

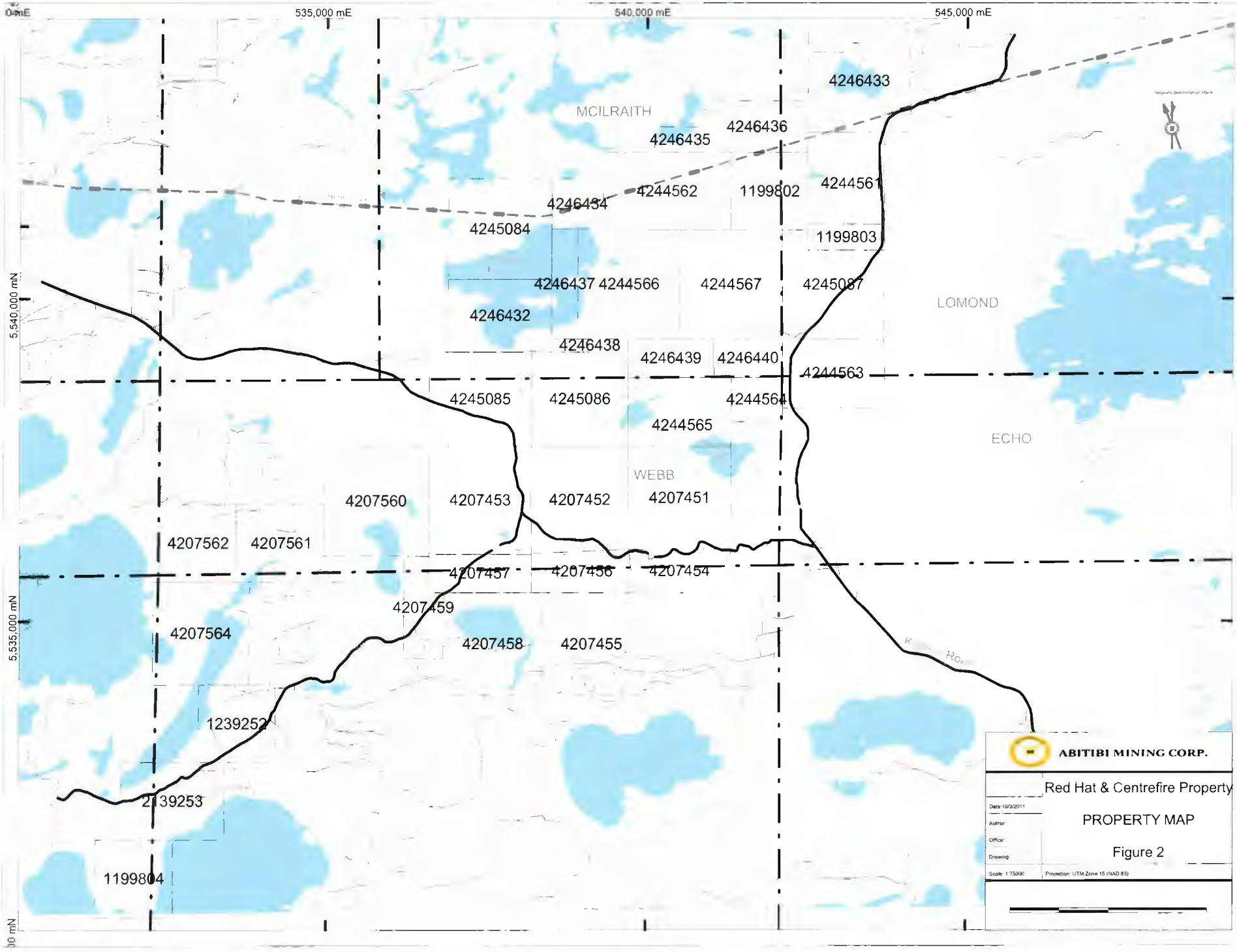
The property consists of 38 unpatented mineral claims in Lomond, McIlraith and WebbTownships totalling 397 units, or 6 352 hectares; the claim dispositions are listed in Table 1.

The claims are held in good standing by David Healey, who has optioned the claims to Abitibi Mining Corporation of Vancouver B.C.

Table 1
Abitibi Mining Claims List

Township	Claim Number	Claim Due Date	Work Required	Total Applied	Total Reserve
LOMOND	1199802	2011-Nov-07	$3,600	$7,200	$121
LOMOND	1199803	2011-Nov-07	$1,200	$2,400	$40
LOMOND	4244561	2011-May-04	$3,600	$0	$80
LOMOND	4244563	2011-May-04	$4,800	$0	$61
LOMOND	4245087	2011-Mar-18	$6,000	$0	$6,201
LOMOND	4246433	2011-Mar-18	$6,400	$0	$1,654
LOMOND	4246436	2011-Mar-18	$3,200	$0	$3,307
MCILRAITH	4207451	2011-Apr-04	$6,400	$6,400	$0
MCILRAITH	4207452	2011-Apr-04	$6,400	$6,400	$0
MCILRAITH	4207453	2011-Apr-04	$6,400	$6,400	$0
MCILRAITH	4207454	2011-Apr-04	$2,400	$2,400	$0
MCILRAITH	4207456	2011-Apr-04	$2,400	$2,400	$0
MCILRAITH	4207459	2011-May-05	$1,600	$1,600	$0
MCILRAITH	4207560	2011-May-05	$6,400	$6,400	$215
MCILRAITH	4207561	2011-May-05	$3,600	$3,600	$0
MCILRAITH	4207562	2011-May-05	$3,600	$3,600	$121
MCILRAITH	4207564	2011-May-05	$6,400	$6,400	$215
MCILRAITH	4244562	2011-May-04	$6,000	$0	$3,649
MCILRAITH	4244564	2011-May-04	$1,600	$0	$54
MCILRAITH	4244565	2011-May-04	$4,800	$0	$4,961
MCILRAITH	4244566	2011-Mar-18	$6,400	$0	$615
MCILRAITH	4244567	2011-Mar-18	$6,400	$0	$1,344
MCILRAITH	4245084	2011-Mar-18	$6,400	$0	$6,615
MCILRAITH	4245085	2011-Mar-18	$6,400	$0	$6,615
MCILRAITH	4245086	2011-Mar-18	$6,400	$0	$6,615
MCILRAITH	4246432	2011-Mar-18	$4,000	$0	$4,132
MCILRAITH	4246434	2011-Mar-18	$1,600	$0	$1,654
MCILRAITH	4246435	2011-Mar-18	$800	$0	$827
MCILRAITH	4246437	2011-Mar-18	$1,600	$0	$1,654

MCILRAITH	4246438	2011-Mar-18	$800	$0	$827
MCILRAITH	4246439	2011-Mar-18	$2,000	$0	$2,067
MCILRAITH	4246440	2011-Mar-18	$2,000	$0	$2,067
WEBB	1199804	2011-May-05	$3,600	$3,600	$121
WEBB	1239252	2011-May-05	$3,600	$3,600	$0
WEBB	1239253	2011-May-05	$4,800	$4,800	$161
WEBB	4207455	2011-Apr-14	$6,400	$6,400	$0
WEBB	4207457	2011-Apr-14	$2,400	$2,400	$80


0 mE
535,000 mE
540,000 mE
545,000 mE
5,540,000 mN
5,535,000 mN
MCILRAITH
LOMOND
ECHO
WEBB
4246433
4246436
4246435
4244562
1199802
4244561
4246434
4245084
1199803
4246437
4244566
4244567
4245087
4246432
4246438
4246439
4246440
4244563
4245085
4245086
4244564
4244565
4207560
4207453
4207452
4207451
4207562
4207561
4207457
4207456
4207454
4207459
4207564
4207458
4207455
1239252
2139253
1199804
ABITIBI MINING CORP.
Red Hat & Centrefire Property
PROPERTY MAP
Figure 2
Date: 10/3/2011
Author:
Office:
Drawing:
Scale: 1:75000
Projection: UTM Zone 15 (NAD 83)

PREVIOUS WORK

1928: Phelps Dodge Corporation completed a magnetics and horizontal loop survey over the western portion of the property. can be roughly separated into 3 main zones, all trending approximately

1970: Phelps Dodge Corporation in 1970 drills three holes on the property encountering 79 m of 0.16% Cu from drill hole 70-3.

1987: Government Airborne Electromagnetic and Total Intensity Magnetic surveys were published for the region.

1997: Stuarton Resources Ltd stakes the property and options it to Synergy Explorations Ltd.

1998: Synergy Explorations Ltd staked the property and completed linecutting, geological mapping, lithogeochemical and MMI sampling. Synergy followed up in 1999 with lithogeochemical sampling and geological reconnaissance mapping

2009: Abitibi Mining Corp completed a trenching program on the Centrefire and Redhat properties. Numerous copper/gold showings were samples on Centrefire. A single trench on Redhat uncovered an 18 m wide interval of weakly bedded and brecciated massive Py averaging 1.1 g/t Au over its entire length.

2010: Abitibi Mining Corp contracted Geotech Limited to complete a 710 kilometre VTEM survey over Centrefire and Redhat properties.

REGIONAL GEOLOGY

The area surrounding red Hat and Centrefire properties lies at the boundary of the Wabigoon sub-province and the English River subprovince (Page, 1984). It consists of a sequence of Archean mafic to intermediate metavolcanics and metasediments which have been metamorphosed to upper greenschist-lower amphibolite facies, and minor intrusive bodies, such as the east-west trending Lateral Lake Stock (Colvine and McCarter, 1977).

This is a 900 km long by 150 km wide Wabigoon Subprovince has , granitoid gneisses of the 3.00 Ga Winnipeg River Subprovince as basement to the lowermost volcanic stratigraphy of the Abram Lake Greenstone Belt, dated at between 2.73 Ga

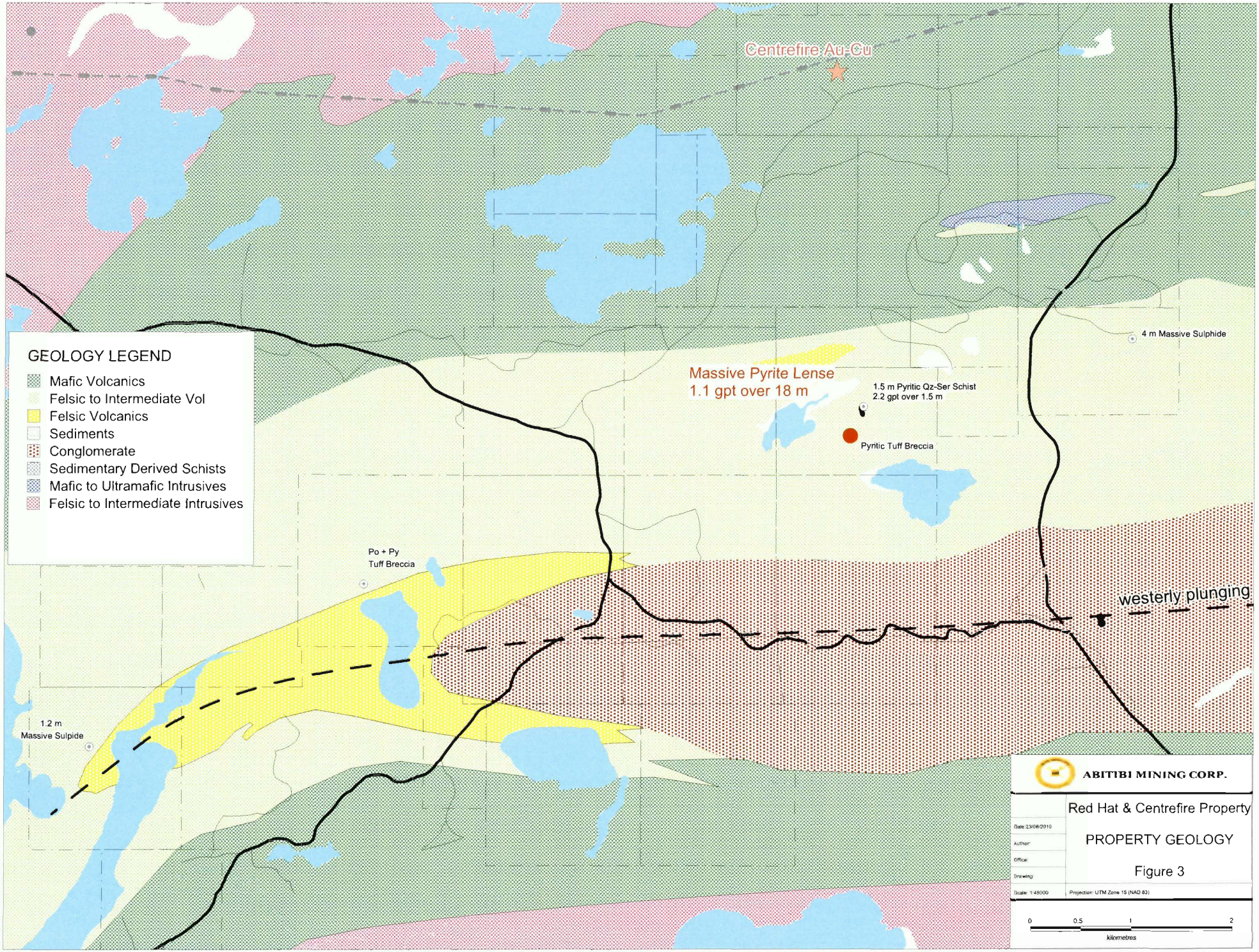
and 2.80 Ga (Blackburn et al, 1992). The Abitibi properties lay within the Northern Volcanic rocks of the Abram Lake Belt Development of volcanic belts within the eastern portion of the Wabigoon Subprovince, particularly the Sioux Lookout portion and South Sturgeon Lake-Mattabi Camp area 100 km to the east (Fig. 7), was essentially coeval. At Sturgeon Lake, predominantly mafic volcanic rocks overlie the Central Wabigoon Gneiss terrain; felsic ash flow tuffs hosting the VMS Deposits of the Mattabi Camp are dated at 2.73 Ga. The volcanic rocks are overlain by the Sturgeon Lake sedimentary package, indicating a cessation of volcanic activity. A similar sequence of events is recorded on the Redhat and Centrefire properties, at similar times.

The Sioux Lookout succession begins with a mafic volcanic sequence (lower Northern Volcanics) in fault (?) contact with underlying Winnipeg River gneiss. The southward facing mafic volcanic rocks are overlain by an upper mixed unit of intermediate and felsic units. Minor felsic intrusive activity was followed by erosion and deposition of alluvial sediments of the Ament Bay formation (Turner and Walker, 1973). The Redhat and Centrefire properties property are underlain by the prospective mafic and felsic portions of the succession (Fig. 3). The most recent mapping in the Sioux Lookout area was by Page and Christie (1980). Of structural importance to the current exploration program is their interpretation of an overturned, westerly plunging syncline parallelling the east-west line between Mclllraith and Lomond Townships to the north, and Webb and Echo Townships to the south. The Centrefire property lies on the northern limb. The Redhat property is continuous to the south and covers the intermediate to felsic volcanic pile footwall to the sediments.

PROPERTY GEOLOGY

The property is predominantly underlain by weakly vesicular pillow basalt. Most exposures are concentrated in the northern third of the block, along the Hydro line. A sand plain covers most of the southern portions, however a few scattered outcrops

of basaltic flow. Pillows are small (approximately 1 m x 0.30 m) and moderately stretched along the general strike of N0750E. Hence, top determinations were not possible, except for an equivocal southerly top (overturned) from exposures under the Hydro line in the NW corner of the property. Dips are generally 75°N. Most pillowed outcrops have development of rusty selvages, often with siliceous, sulphide-bearing interpillow material.


Centrefire Au-Cu
GEOLOGY LEGEND
Mafic Volcanics
Felsic to Intermediate Vol
Felsic Volcanics
Sediments
Conglomerate
Sedimentary Derived Schists
Mafic to Ultramafic Intrusives
Felsic to Intermediate Intrusives
Massive Pyrite Lense
1.1 gpt over 18 m
1.5 m Pyritic Qz-Ser Schist
2.2 gpt over 1.5 m
Pyritic Tuff Breccia
4 m Massive Sulphide
Po + Py
Tuff Breccia
westerly plunging
1.2 m
Massive Sulpide
ABITIBI MINING CORP.
Red Hat & Centrefire Property
PROPERTY GEOLOGY
Figure 3
Date: 23/06/2010
Author:
Office:
Drawing:
Scale: 1:48000
Projection: UTM Zone 15 (NAD 83)
0
0.5
1
2
kilometres

DRILL PROGRAM SUMMARY

Drilling commenced on Jan 10th, 2010 and ended on Feb 1st, 2011. Distinctive Drilling Inc. of Dryden, Ontario was contracted to perform the diamond drilling using a modified JKS 300 drill rig. The drill program consisted of five BQTW holes, numbered RH11-01 to RH11-04 and CF11-01, totaling 939.4 metres.

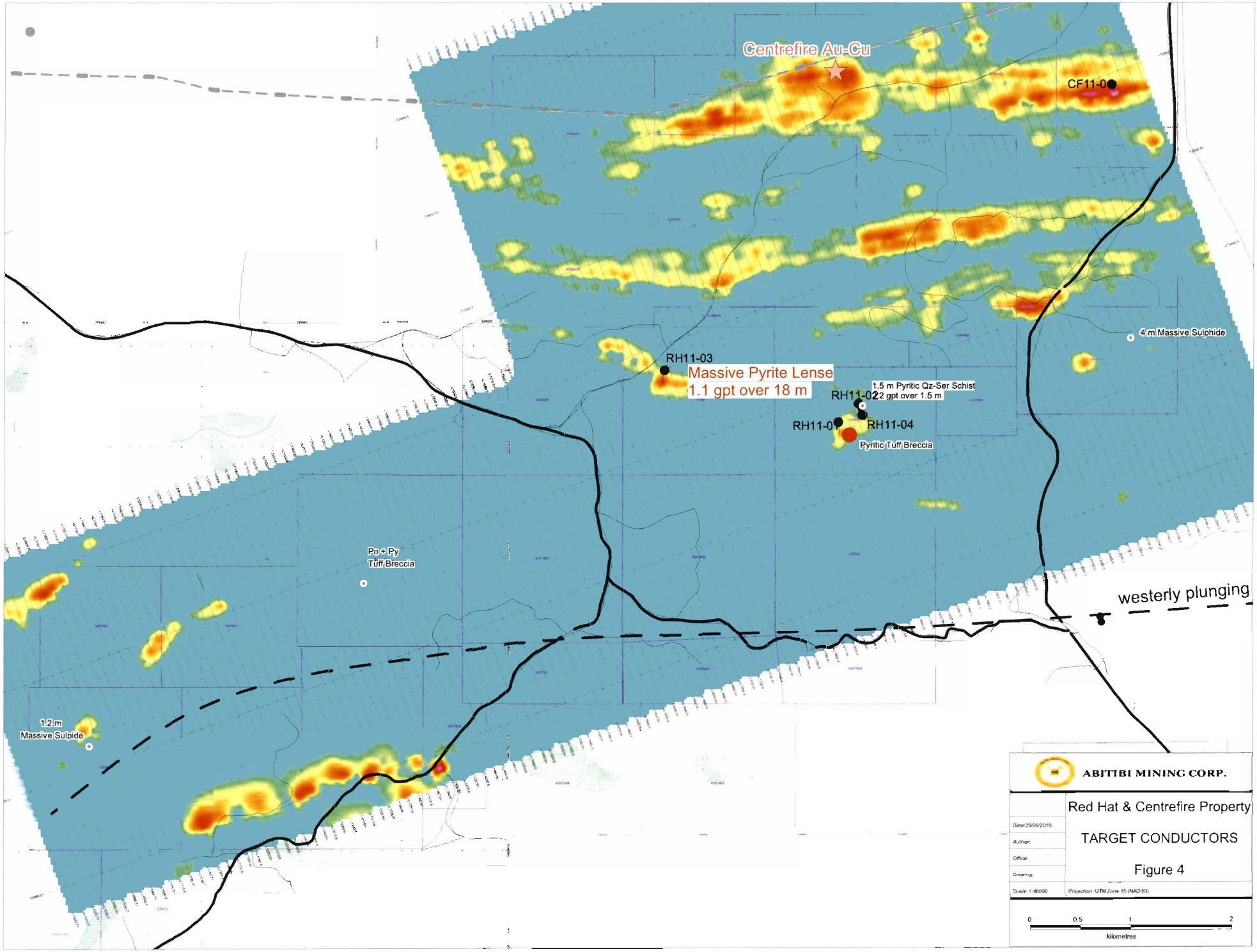
Three diamond drill holes were completed staked claim 4244565 and another one on claim 4245086 in Webb Township. A five diamond drill hole was completed in Lomond Township on claim 4244561. Diamond drill logs are located in Appendix 1 while assay certificates with gold and ICP results are listed in Appendix 2. A drill hole location map and drill sections are located in Appendix 3.

A total of 364 samples were taken for Au fire assay with an AA finish plus a 32 element ICP-MS scan. Assay procedures for Accurassay Laboratories of Thunder Bay are listed in Appendix 2. Sample lengths averaged 1.5 metres. Eight standards or blanks, inserted every 50th sample, were used for quality control of the analytical results. These samples can be easily spotted in the assay database as their sample intervals zero metres.

Samples were split onsite in a trailor coreshack core shack and shipped to Accurassay Laboratories by Gardwine Transport Inc in Dryden. All drill cores are stored in outdoor at the drill setup for hole RH11-01.

Table 2
Diamond Drill Program Details

Hole Number	UTM Easting (m)	UTM Northing (m)	Azimuth	Dip	Elevation	Hole Length
RH11-01	540344	5538235	160	-55	414	195.2
RH11-02	540545	5538419	160	-55	384	198.4
RH11-03	538610	5538750	190	-55	417	198.2
RH11-04	540587	5538304	340	-55	396	161.6
CF11-01	543062	5541576	160	-55	407	186


Centrefire Au-Cu
CF11-0
4 m Massive Sulphide
RH11-03
Massive Pyrite Lense
1.1 gpt over 18 m
1.5 m Pyritic Qz-Ser Schist
RH11-02 2 gpt over 1.5 m
RH11-01
RH11-04
Pyritic Tuff Breccia
Po + Py
Tuff Breccia
westerly plunging
1.2 m
Massive Sulpide
ABITIBI MINING CORP.
Red Hat & Centrefire Property
TARGET CONDUCTORS
Figure 4
Date: 23/06/2010
Author:
Officer:
Drawing:
Scale: 1:48000
Projection: UTM Zone 15 (NAD 83)
0
0.5
1
2
kilometres

CONCLUSION AND RECOMMENDATIONS

The drill program was designed to test airborne conductors as delineated from the 2010 VTEM survey and to test at depth the auriferous massive sulphide interval encountered while trenching on the Red Hat property (Fig 4). The targeted conductor in RH11-01 was not explained. The conductor in RH11-03 was explained by a 6.8 m wide interval of semi-massive pyrite and pyrrhotite with trace sphalerite. This was accompanied by a strong but irregular chlorite alteration envelope down hole of the sulphide intersection. The best gold assay of the work program was produced from an irregular 5 mm wide quartz vein in relatively unaltered dacites in this drill hole. The sulphide intersection yielded a maximum gold assay of 104 ppb.

The massive sulphide interval encountered in the previous year trenching program was test by two drill holes (RH11-02 and 04) in a scissors geometry. Neither drill hole intersected sulphides of the same tenor as in the trench above. These results are only possible if the sulphide interval encountered on surface is a discontinuous vein dipping to the north.

Drill hole CF11-01 tested a strong conductor along the southern margin of an iron formation. A strong shear fabric within a mafic volcanic host was encountered with numerous irregular quartz veins intersected throughout. Two massive gabbro dykes occupied the intervals of drill hole where the conductors should have been.

The Abram Lake Greenstone Belt is coeval with the South Sturgeon Lake-Mattabi Volcanogenic Massive Sulphide Camp. Mineraliztion and alteration has been intersected during the drill program that indicates hydrothermal systems were actively depositing sulphides on the sea floor. Numerous conductors remain to be tested including the target conductor that remains unexplained in hole RH11-01. Further work is recommended for these properties in the form of geochemistry and drilling. A budget of $278,140 to complete the evaluation of the property is outlined below:

TOOL	Item	Rate	Amount	Cost
MMI Soils	Contractor	cost	10440	10440
	Mob/Demob	cost	1600	1600
	Room/Board	cost	1550	1550
	Vehicle Rentals	cost	1075	1075
	ATV Rental			
	Soil Analysis	45	362	16290
	Supplies	cost	940	940
	Interp&Report	450	5	2250
			SUBTOTAL	34145
Drill Testing	Bull Dozer	175	170	29750
	Manhours	55	350	19250
	Mob/Demob	cost	15000	15000
	meterage	105	1000	105000
	Drill Bit	550	10	5500
	tests	100	10	1000
	Fuel	cost	3500	3500
	Geologist	450	16	7200
	Assistant	300	18	5400
	Room/board	210	18	3780
	Rent	cost	5000	5000
	Splitter	850	1	850
	truck	85	18	1530
	gas	cost	2300	2300
	Assays	21	550	11550
	core boxes	6	350	2100
			SUBTOTAL	218710
			TOTAL	252855
			Contingency	25286
				$278,141

REFERENCES

Blackburn, CE, Johns, GW, Ayer, J and DW Davis 1992; Wabigoon Subprovince, in "Geology of Ontario", Ont. Geol. Surv. Spec. Vol. 4, Pt. l, ed. Thurston, P.C. et al.

Bottrill, T.1999; Lithogeochemical Sampling Program for Synergy Explorations Ltd. Centrefire andPDBlock Properties, Patricia Mining Division, Ontario.

Galley, AG, Bailes, AH, Syme, EC, Bleeker, W, Macek JJ and TM Gordon; 1990 Geology and Mineral Deposits of the Flin Flon and Thompson Belts, Manitoba Geol. Surv. Can. Open File 2165, 8th IAGOD Symposium, Field Trip #10

Lichtblau, A.1998; Geological Mapping and Lithogeochemical and MMI sampling Program for Synergy Explorations Ltd. Needle Lake, Centrefire Creek and PD Block Properties

Morton, RL, Hudak, GJ, Walker, JS and JM Franklin1990; Physical Volcanology and hydrothermal Alteration of the Sturgeon Lake Caldera Complex., pp74-94, in "Mineral Deposits of the Western Superior Province, Ontario", ed. Franklin, J.M., et al. Geol. Surv. Can. Open File 2164, 8th IAGOD Symposium, Field Trip #9.

Page, RO and BJ Christie 1980; Lateral Lake Area (East & West Halves), District of Kenora, Ont. Geol. Surv. Prelim. Maps P2371 cfc P2372, 1":174 mile

Turner, CC and RG Walker; 1973 Sedimentology, Stratigraphy and Crustal Evolution of the Archean Greenstone Belt near Sioux Lookout, Ontario, pp 817-845, Can. J. Earth Sci., v.10, no.6.

STATEMENT OF QUALIFICATIONS

I, Andrew A. B. Tims, of 317 Sillesdale Cr., Thunder Bay Ontario hereby certify that:

1.) I am the author of this report.

2.) I graduated from Carleton University, in Ottawa, with a Bachelor of Science Degree in Geology (1989).

3.) I possess a valid prospector's license and have been practising my profession as a geologist involved in mineral exploration for the past 21 years.

4.) I am a practising member of the Association of Professional Geoscientist of Ontario as well as a Fellow of the Geological Association of Canada.

5.) I do not hold or expect to receive any interest in the property described in this report.

6.) I consent to the use of this report by Abitibi Mining Corporation.

Thunder Bay, Ontario
March 16, 2011

Andrew Tims
Geologist
Northern Mineral Exploration Serv.

APPENDIX 1 - Diamond Drill Logs

Northern Minerals Exploration Services
DIAMOND DRILL LOG

Hole Number RH11-01

Project Number	ABB Red Hat	***Objective***	test the coincedent vtem/mag anomalies and the possible eastern extension of sulphide horizon exposed in trench 1
NTS	52F16		
Project Name	Redhat	***Drilling Company***	Distinctive Drilling Services Inc.
Township/Area	McIlraith	***Start Date (m/d/y)***	10/01/2011
Claim Number		***Finish Date (m/d/y)***	11/12/2011
UTM Zone	15U	***Date Logged (m/d/y)***	11/01/2011
UTM Easting (m)	540344	***Geologist***	R.MACDONALD
UTM Northing (m)	5538235		
		Hole Length	195.2 m
		Core Location	RH11-01 Setup
Grid Identifier			
Easting (+E,-W)		***Distance to Water***	170
Northing (+N,-S)		***Core Size***	BTW
Elevation:	414 m	***Casing Lost***	13.7

Tests

Depth (m)	*Azimuth (d)*	*Dip (d)*
0	160	-55
51.81	169.1	-54.9
100.8	171.6	-52.6
152.5	172.3	-51
195.2	172.5	-50.1

Drill Log Summary:

February 15, 2011

DIAMOND DRILL LOG

From	*To*	*Rock Type Rock Code*	*Geology*	*Sample No.*	*From*	*To*	*Length*	*Au (ppb)*	*Au (g/t)*
0	20.4	Overburden Ovb	Sandy lake sediments with local gravels. As reported by driller						
20.4	195.2	Intermediate Lapilli Tuff	Medium to dark grey, locally pinkish grey in areas of potassic alteration. Weakly fractured good recovery. Moderatly to strongly foliated throughout with common sub-mm shears sub-parallel to foliation. Matrix supported lapillis of leucocratic rhyolite and rhyo-dacite from 3cm to 8cm in a medium to coarse grained groundmass. Groundmass varies from cg crystals to cg fragments. Local weak to moderate pervasive calcite. Weak pervasive sericite with local rare calcite/cericite veinlets or irregular clots to 3cm. Moderate to strong pervasive silicification throughout. Rare fine grained disseminated pyrite. Rare fine grained phlogopite associated with pervasive calcite. Foliation at 40tca. 22.6 to 23.8m- weak pervasive potasic alteration. 23.6m - 2x 3mm qz/tourmaline veinlets at 40 and 45tca. 28.0m - 2x 4mm qz/tourmaline veinlets @ 45tca 31.3m - 8mm qz/calcite veinlet at 75tca 31.5 to 35.0m - weak potassic ateration associated with fragments and local strong foliation. 32.7m - brittle hematitic vein 36.0 to 36.8m - moderate pervasive calcite. 40.7m - 3mm qz/muscovite veinlet @25tca 41.1m - 1mm veinlet as above 43.9m - 2mm qz/sericite veinlet @35tca 47.7 to 50.0m - moderately brecciated. Healed with calcite, trace fine grained pyrite and pyrrhotite. 50.0m - 10mm qz +- calcite vein @10tca 52.7m - 10mm vein with mg py on selvage @ 20tca 54.1m - 5mm qz veinlet @20tca truncated by sub-mm shear @ 40tca parallel to foliation 54.4 to 114.0m - pervasive calcite decreases to trace to none.	848001	20.4	22	1.60	2.5	
				848002	22	23.5	1.50	2.5	
				848003	23.5	25	1.50	2.5	
				848004	25	26.5	1.50	2.5	
				848005	26.5	28	1.50	2.5	
				848006	28	29.5	1.50	2.5	
				848007	29.5	31	1.50	31	
				848008	31	32.5	1.50	2.5	
				848009	32.5	34	1.50	6	
				848010	34	35.5	1.50	2.5	
				848011	35.5	37	1.50	2.5	
				848012	37	38.5	1.50	2.5	
				848013	38.5	40	1.50	5	
				848014	40	41.5	1.50	2.5	
				848015	41.5	43	1.50	2.5	
				848016	43	44.5	1.50	2.5	
				848017	44.5	46	1.50	2.5	
				848018	46	47.5	1.50	13	
				848019	47.5	49	1.50	5	
				848020	49	50.5	1.50	12	
				848021	50.5	52	1.50	9	
				848022	52	53.5	1.50	23	

DIAMOND DRILL LOG

From	*To*	*Rock Type Rock Code*	*Geology*	*Sample No.*	*From*	*To*	*Length*	*Au (ppb)*	*Au (g/t)*
			57.4 to 58.2m - strongly chloritic shear local open vuggs to 2-3mm. Lower contact @ 80tca, friable with 10mm qz veinlet sub-parallel. Minor hematite.	848023	53.5	55	1.50	41	
				848024	55	56.5	1.50	6	
				848025	56.5	58	1.50	11	
			61,2m - irregular 8mm white qz veinlet at 35tca with trace fg py 62.3m - 3cm white qz vein at 70tca 63.3m - 12mm white qz veinlet @ 65tca with 1% fg to mg disseminated py throughout.	848026	58	59.5	1.50	15	
				848027	59.5	61	1.50	13	
			64.2m - 3cm white qz vn with trace fg py @ 80tca	848028	61	62.5	1.50	32	
			65.4m - 10mm white qz veinlet @ 45tca	848029	62.5	64	1.50	10	
			67.1 to 84.5m - fg disseminated and occasional cg blebs of py increasing from trace to 1% commonly associated with phlogopite(?) or attenuated along foliation at 40tca	848030	64	65.5	1.50	38	
				848031	65.5	67	1.50	12	
			67.6m - 4mm white qz veinlet with trace py in wall rock 68.9m - 3mm white qz veinlet at 80tca	848032	67	68.5	1.50	88	
			70.7m - 4mm qz veinlet with 2% fg py envelope to 3cm at 60tca	848033	68.5	70	1.50	23	
			71.7m - 1 to 3cm massive py band.	848034	70	71.5	1.50	15	
			72.0 to 75.0m - weak to moderate potassic alteration preferencial to fragments	848035	71.5	73	1.50	460	
				848036	73	74.5	1.50	10	
			79.9m - fg py replacing 13mm fragment.	848037	74.5	76	1.50	2.5	
			80.7 to 88.6m - white qz stringers to 2mm at 30 to 45tca, 10-15/m	848038	76	77.5	1.50	2.5	
				848039	77.5	79	1.50	2.5	
			80.8m - 4mm white qz vein at 85tca 81.4m - 3mm white qz veinlet at 55tca with 2%fg dissem py envelope to 2cm	848040	79	80.5	1.50	21	
				848041	80.5	82	1.50	5	
			84.5 to 98.0m - py to 1-2% more commonly as fg to mg aggregates to 10-15mm and as fg disseminations.	848042	82	83.5	1.50	12	
				848043	83.5	85	1.50	18	
			86.9m - 20mm white qz vein at 60tca with cg py bleb to 8mm	848044	85	86.5	1.50	12	
			90.6 to 91.1m - 5% fg py blebs to 12mm. Possible replacement of						

DIAMOND DRILL LOG

From	To	Rock Type Rock Code	Geology	Sample No.	From	To	Length	Au (ppb)	Au (g/t)
			rounded fragments or rip up clasts, elongate along foliation at 40tca	848045	86.5	88	1.50	9	
			92.5 to 101.7m - white qz stringers to 2mm at 30 to 45tca 5-10/m	858046	88	89.5	1.50		
				848047	89.5	91	1.50	36	
			93.6m - 4mm white qz veinlet at 60tca with 3-4% mg py envelope to 2cm	848048	91	92.5	1.50	13	
			94.0 to 125.0m - qz stringers to 1mm, rarely 2mm at 25-40tca 1-3/m	848049	92.5	94	1.50	11	
				848050	94	95.5	1.50	2.5	
			98.0 to 131.0m - trace fg disseminated py	848051	95.5	97	1.50	2.5	
			99.6m - 10mm white qz veinlet.	848052	97	98.5	1.50	2.5	
			100.6m - 8mm white qz veinlet at 70tca 102.8m - 4mm qz veinlet at 55tca with single grain of bo(?), trace py and weak potassic envelope to 3cm	848053	98.5	100	1.50	2.5	
			108.8m - 15mm white qz vein at 45tca trace py at selvage and weak potassic envelope to 3cm	848054	100	101.5	1.50	13	
				848055	101.5	103	1.50	2.5	
			113.9m - 3x 2-3mm veinlets at 60tca truncated by sub-mm shear at 30tca	848056	standard		536		
			114.0 to 117.8m - weak pervasive calcite	848057	103.01	104.5	1.49	2.5	
				848058	104.5	106	1.50	2.5	
			117.4m - 20mm white qz vein at 55tca with 2-3% cg py. Trace pyrr 125.0 to 147.0m - white qz stringers to 2mm, rarely to 3mm at 25 to 40tca, 5-8/m	848059	106	107.5	1.50	2.5	
			126.7m - 5mm white qz veinlet at 55tca	848060	107.5	109	1.50	2.5	
			127.6m - 12mm qz veinlet at 65tca with 3%cg py and 2-3% fg py envelope to 3cm	848061	109	110.5	1.50	2.5	
			128.6m - 10mm qz vein at 45tca with weak potassic alteration at selvage	848062	110.5	112	1.50	2.5	
				848063	112	113.5	1.50	2.5	
			131.0 to 143.8m - 2-3 fg diseminated py with 2% vfg diseminated pyrr. Locally to 5-7% combined as envelopes around qz veinlets.	848064	113.5	115	1.50	2.5	
				848065	115	116.5	1.50	2.5	
			130.85m - 3mm qz veinlet wirh 5% mg py. Trace vfg pyrr 3% fg py envelope to 3cm.	848066	116.5	118	1.50	14	

DIAMOND DRILL LOG

From	*To*	*Rock Type Rock Code*	*Geology*	*Sample No.*	*From*	*To*	*Length*	*Au (ppb)*	*Au (g/t)*
			131.5 to 135.0m - moderate to strongly magnetic. Pyrrhotitic.	848067	118	119.5	1.50	6	
			134.5 to 134.7m - 3 irregular qz veinlets to 4mm truncated by shears at 25tca with 3-5% py and pyrr combined	848068	119.5	121	1.50	10	
				848069	121	122.5	1.50	2.5	
			135.7m - 12mm qz vein at 45tca with 3-4% py	848070	122.5	124	1.50	2.5	
			135.8 to 144.8m - weak pervasive calcite.	848071	124	125.5	1.50	2.5	
				848072	125.5	127	1.50	2.5	
			137.9m - 3mm irregular qz veinlets truncated by sub-mm shears at 30tca	848073	127	128.5	1.50	6	
			143.8 to 162.7m - trace fg disseminated py, locally to 2-3% wirh veins and veinlets.	848074	128.5	130	1.50	2.5	
				848075	130	131.5	1.50	7	
			144.6m qz sweat healing breccia over 20mm sub-parallel to foliation at 40tca	848076	131.5	133	1.50	6	
			145.6m - 3mm qz veinlet 40tca	848077	133	134.5	1.50	8	
			147.0m - 10mm qz vn at 55tca with 3% fg py envelope to 3cm	848078	134.5	136	1.50	13	
			147.0 to end of hole - tuff becoming more clast supported	848079	136	137.5	1.50	2.5	
			150.8 to 151.2m - mod pervasive calcite	848080	137.5	139	1.50	2.5	
				848081	139	140.5	1.50	2.5	
			152.0 to 180.0 m - 1-2mm qz and qz/muscovite stringers at 25-40tca 1-2/m	848082	140.5	142	1.50	2.5	
				848083	142	143.5	1.50	2.5	
			152.4m - 6mm qz veinlet at 50tca with waek potassic alteration and 3% fg py to 3cm	848084	143.5	145	1.50	2.5	
			155.9m - 6mm qz veinlet at 70tca with 3% vfg py envelope to 3cm						
			159.3m - 12-15mm qz vein at 50tca with 2%cg py and mod potassic envelope to 4cm.	848085	145	146.5	1.50	2.5	
				848086	157	158.5	1.50	2.5	
			160.1m - 2mm qz veinlet with 30% cg muscivite books and 1% fg py.	848087	158.5	160	1.50	2.5	
			162.7 to 172.3m - moderate to locally strong potassic alteration favouring clasts and local shears sub-parallel to foliation.	848088	160	161.5	1.50	2.5	

DIAMOND DRILL LOG

From	*To*	*Rock Type Rock Code*	*Geology*	*Sample No.*	*From*	*To*	*Length*	*Au (ppb)*	*Au (g/t)*
			162.7 to 187.0m - fg disseminated py to 1-2%	848089	161.5	163	1.50	2.5	
			169.6m - 4mm - qz/muscovite veinlet at 30tca	848090	163	164.5	1.50	6	
			171.0m - 10mm qz vein at 65tca with 4% fg py envelope to 5cm	848091	164.5	166	1.50	2.5	
			172.7m - 4mm qz veinlet at 80tca with 4% fg py envelope to 5cm 173.1m - 3mm qz veinlet at 45 tca with 5% fg py envelope to 5cm	848092	166	167.5	1.50	2.5	
			176.1m - 12mm qz vein at 80tca as above 179.2m - 8mm qz veinlet at 70tca as above	848093	167.5	169	1.50	8	
				848094	169	170.5	1.50	14	
			180.0 to end of hole - 1mm qz stringers at 30 to 50tca, 1-2/m	848095	170.5	172	1.50	12	
			180.3m - 6mm qz veinlet at 30tca 182.4m - 22mm qz vein at 50tca with 3%cg py within vein	848096	172	173.5	1.50	7	
			185.3m - 3mm qz veinlet at 80tca with 2-3% fg py envelope to 2cm	848097	173.5	175	1.50	7	
			187.0 to end of hole - trace to 1% fg disseminated py	848098	175	176.5	1.50	18	
			193.3m - 12mm qz vein at 50tca with 3% fg py at selvage	858099	176.5	178	1.50		
				848100	178	179.5	1.50	22	
			END OF HOLE AT 195.2m	848101	standard		1429		
				848102	179.51	181	1.49	7	
				848103	181	182.5	1.50	10	
				848104	182.5	184	1.50	10	
				848105	184	185.5	1.50	9	
				848106	192.5	194	1.50	2.5	
				848107	194	195.2	1.20	2.5	
		Int Volc							

Northern Minerals Exploration Services
DIAMOND DRILL LOG

Hole Number RH11-02

Project Number	ABB Red Hat
NTS	52F16
Project Name	Redhat
Township/Area	McIlraith
Claim Number	4244565
UTM Zone	15U
UTM Easting (m)	540545
UTM Northing (m)	5538419
Grid Identifier	
Easting (+E,-W)	
Northing (+N,-S)	
Elevation:	384

Objective	test vertical continuity of sulphide mineralization exposed in trench located approximately south
Drilling Company	Distinctive Drilling Services Inc
Start Date (m/d/y)	12/01/2011
Finish Date (m/d/y)	16/01/2011
Date Logged (m/d/y)	13/01/2011
Geologist	R.MACDONALD
Hole Length	198.4 m
Core Location	RH11-01 Setup
Distance to Water	170
Core Size	BTW
Casing Lost	

Tests

Depth (m)	***Azimuth (d)***	***Dip (d)***
0	160	-55
39	164.8	-51.4
100.6	165.4	-45.5
152	166.3	-44.9
198	159.6	-41.7

Drill Log Summary:

February 15, 2011

DIAMOND DRILL LOG

From	*To*	*Rock Type Rock Code*	*Geology*	*Sample No.*	*From*	*To*	*Length*	*Au (ppb)*	*Au (g/t)*
0	27.45	Overburden Ovb	coarse sand, rocks and boulders of various composition.						
27.45	198.4	Intermediate Lapilli, ash and crystal tuff	Mottled medium to dark grey, weakly fractured. Recovery generally good. Poorly sorted, matrix supported felsic volcanic fragments from 2 to 15 cm in an intermediate groundmass. Fragments vary from subrounded to angular with degree of angularity typically being confined to distinct beds. Fragments from 3 to 20cm are common. Local beds of coarse grained intermediate crystal tuff over 10 to 40cm. Strongly foliated throughout at 40 to 45tca. Locally, foliation intensifies into sub-mm shear planes with displacements of several mm. Moderate to strong silicification thoughout with silicification stronger in zones of qz veining. 1 to occassionally 2mm qz stringers at 40-60tca, 1-3/m throughout. Weak to locally moderate sericite with preferencial sericitization of felsic fragments. Trace to 2% fg disseminated py and local trace very fg disseminated pyrrhotite commonly interstitial to pillows and fragments 30.0m - 20mm qz vn at 85tca with 1% cg py 32.2m - 18mm qz vn at 60tca with 1% fg py 33.0m - 55mm qz vein at 80tca with 1-2% cg py at selvage 33.5 to 34.5m - bed of angular frags from 3-15mm 33.9m - 1x 10mm and 1x22mm qz veins at 80tca with 1%fg py on selvages 37.9m - 65mm qz vn at 70tca with 1% fg pyrr and trace py 40.1m - 10mm qz vein at 70tca with trace py 42.2m - 30mm qz vein at 70tca with 1% pyrr and trace py 45.8m - 10cm band of mod pervasive calcite and 2-3%fg pyrrhotite 46.7m - 7mm qz vn at 70tca with single 5mm bleb of fg py 51.9m - 45mm qz vn at 70tca with 10% cg py and 7% fg pol. Weak sericite on lower contact 53.0m - 55mm qz vn at 75tca with trace py and po at selvage 53.2m - 10mm qz vn at 85tca with 1% mg py envelope to 2cm 53.4m - 65mm qz vn at 70tca with trace to 1% mg py. Irregular crack and fill texture with wall rocfk in vn. 55.2m - 20mm qz vn at 70tca 57.0 to 60.8m - irregular py clots and blebs to 20mm and disseminated py to 2-3%	848108 848109 848110 848111 848112 848113 848114 848115 848116 848117 848118 848119 848120 848121 848122 848123 848124 848125 848126 848127 848128 848129	27.45 29 30.5 32 33.5 35 36.5 38 39.5 41 42.5 44 45.5 47 48.5 50 51.5 53 54.5 56 57.5 59	29 30.5 32 33.5 35 36.5 38 39.5 41 42.5 44 45.5 47 48.5 50 51.5 53 54.5 56 57.5 59 60.5	1.55 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50 1.50	57 24 21 17 15 8 15 2.5 6 13 6 2.5 20 5 6 8 47 32 18 15 225 34

DIAMOND DRILL LOG

From	*To*	*Rock Type Rock Code*	*Geology*	*Sample No.*	*From*	*To*	*Length*	*Au (ppb)*	*Au (g/t)*
			58.7m - 4mm qz vnlt at 75tca with 1-2%po on selvage 59.7m - 4mm qz vnlt at 80tca with 2-3 cg py	848131	62	63.5	1.50	14	
				848132	63.5	65	1.50	25	
			60.8 to 61.1m - irregular py clots and blebs to 20mm 5-7%	848133	65	66.5	1.50	22	
			63.9m - 45mm qz vn at 70tca with 1% fg py and po 64.7m - 10mm qz vnlt at 70tca with 5% fg py and po	848134	66.5	68	1.50	23	
			66.7m - 10mm qz/calcite vnlt at 70tca	848135	68	69.5	1.50	10	
			67.8m - 30mm qz vn at 50tca with 5-7% mg py and po near lower contact 68.1m - 2x 2mm tourmaline vnts	848136	69.5	71	1.50	22	
			69.8m - 10mm qz/ca vnlt at 70tca	848137	71	72.5	1.50	7	
			72.9m - 22mm qz vn at 70tca. Crack and fill with 1-2% mg py in vein and 1-2% fg po at selvage and as envelope to 5cm	848138	72.5	74	1.50	56	
			73.0m - 22mm qz vn as above at 20tca 75.5m - 5mm qz vnlt at 60tca with 3%mg py	848139	74	75.5	1.50	12	
			76.6m - 20mm qz vn at 50tca with 1% fg py and tr po at selvage	848140	75.5	77	1.50	22	
				848141	83	84.5	1.50	8	
			81.2 to 82.8 - weak pervasive chlorite	848142	84.5	86	1.50	8	
			84.3m - 12mm qz vn at 80tca with tr py at selvage and 27mm qz vn at 60tca with 30tca cg py	848143	86	87.5	1.50	2.5	
			88.2m - 25mm qz vn at 85tca with 30% cg py	848144	87.5	89	1.50	103	
			89.4m - 12mm qz vn at 60tca with 10% cg py	848145	89	90.5	1.50	33	
			92.0 to 198.4m - fragments content increasing to greater than 50% of rock mass	848146	90.5	92	1.50	2.5	
				848147	92	93.5	1.50	10	
			92.8m - 10mm qz vn at 55tca with single 4mm bleb of py and 10cm envelope of 2% mg disseminated py	848148	93.5	95	1.50	8	
			94.6m - 4mm qz vnlt at 60tca with 3-5% fg py on selvage	848149	95	96.5	1.50	49	
			95.9m - 10mm qz/ca vn at 70tca with 1% mg py envelope to 10cm 99.0m - 12-17mm qz vn at 70tca with 5% fg py and po at selvage 99.9m - 10mm qz/ca vnn at 50tca	848150	96.5	98	1.50	6	
			101.0m - 4mm qz vnlt at 75tca	848151	98	98.01	0.01	513	
			101.9m - 20mm qz vn at 65tca with 1%cg py at selvage cut by millimetric						

DIAMOND DRILL LOG

From	*To*	*Rock Type Rock Code*	*Geology*	*Sample No.*	*From*	*To*	*Length*	*Au (ppb)*	*Au (g/t)*
			shear at 20tca. Both crosscut foliation at 40tca	848152	98.01	99.5	1.49	19	
			104.1m - 45mm qz vn at 65tca with 1-2% fg blebs of py and po. Crack and fill texture	848153	99.5	101	1.50	2.5	
			106.3m - 10mm qz vn at 60tca with 1% fg py	848154	101	102.5	1.50	10	
			109.0m - 18mm qz vn at 60tca with 1% mg py and trace po at selvage 114.4m - 15mm qz vn at 50tca with 1% mg py truncates qz/ca vnlt sub-parallel tca	848155	102.5	104	1.50	2.5	
			118.9m - 10mm qz vnlt at 20tca truncated by shear at 15tca	848156	104	105.5	1.50	59	
			121.8m - 8mm qz vnlt at 70tca with 1-2% fg py an po	848157	105.5	107	1.50	90	
			122.1m - 7mm brecciated qz vnlt at 50-70tca with 3-5% fg -mf py an po envelope to 10cm	848158	107	108.5	1.50	5	
			123.1m - 8mm qz/ca vnlt at 45tca 123.5m - 24mm qz vn at 70tca with 30% cg py and po and 10-15% mg	848159	108.5	110	1.50	9	
			py in 10cm fragment at lower contact	848160	110	111.5	1.50	2.5	
			125.0 to 198.4m - mod to locally strong pervasive chlorite	848161	111.5	113	1.50	8	
			139.6m - 20cm felsic fragment with 1-2% fg disseminated po	848162	113	114.5	1.50	25	
			146.6m - 3mm qz vnlt at 25tca	848163	114.5	116	1.50	11	
			148.3m - 3mm chloritic vnlt witrh 2% fg py and strong potassic envelope	848164	116	117.5	1.50	12	
			152.4 to 198.4m - local fg blebby po to 2% primarilly interstitial to	848165	117.5	119	1.50	12	
			fragments. Local trace to 1% fg dissem py	848166	119	120.5	1.50	15	
			156.8m - 20cm of bifricating stockwork of qz/ca vnlts to 5mm in strongly	848167	120.5	122	1.50	18	
			chloritized groundmass with 3-5%fg po	848168	122	123.5	1.50	65	
			158.3 to 159.3m - strong ductile shear at 85tca with garnet(?) porhyroblasts. Strongly chloritic.	848169	123.5	125	1.50	124	
				848170	153	154.5	1.50	2.5	
			159.3 - 159.6m - garnet pyrope(?) porhyroblasts with 5-7fg-mg disseminated py and po	848171	154.5	156	1.50	5	
				848172	156	157.5	1.50	6	
			169.0m - 8mm qz vn at 70tca with 1% mg py and po 178.5m - 6mm qz vn at 60tca with 5-7% py and po at selvage	848173	157.5	159	1.50	108	
			186.0m - 5mm qzc/a vnlt with 5% mg py						

DIAMOND DRILL LOG

From	*To*	*Rock Type Rock Code*	*Geology*	*Sample No.*	*From*	*To*	*Length*	*Au (ppb)*	*Au (g/t)*
			187.9m - 6mm qz/ca vnlt at 60tca with hem and chlorite	848174	159	160.5	1.50	174	
			192.0 to 198.4m - core broken and rubbly. Local moderate potassic alteration in bands.	848175	160.5	162	1.50	6	
				848176	162	163.5	1.50	7	
			END OF HOLE @ 198.4m	848177	163.5	165	1.50	11	
				848178	165	166.5	1.50	8	
				848179	166.5	168	1.50	7	
				848180	168	169.5	1.50	25	
				848181	169.5	171	1.50	6	
				848182	171	172.5	1.50	7	
				848183	172.5	174	1.50	6	
				848184	174	175.5	1.50	15	
				848185	175.5	177	1.50	247	
		Int Volcs							

Northern Minerals Exploration Services
DIAMOND DRILL LOG

Hole Number RH11-03

Project Number	ABB Red Hat
NTS	52F16
Project Name	Redhat
Township/Area	McIlraith
Claim Number	4245086
UTM Zone	15U
UTM Easting (m)	538610
UTM Northing (m)	5538750
Grid Identifier	
Easting (+E,-W)	
Northing (+N,-S)	
Elevation:	417

Objective	to test coincident mag/vtem anomaly
Drilling Company	Distinctive Drilling Services Inc.
Start Date (m/d/y)	18/01/2011
Finish Date (m/d/y)	20/01/2011
Date Logged (m/d/y)	20/01/2011
Geologist	R.MACDONALD
Hole Length	198.2
Core Location	on property
Distance to Water	600
Core Size	BTW
Casing Lost	

Tests

Depth (m)	*Azimuth (d)*	*Dip (d)*
0	190	-55
15.2	190.8	-58.3
51.8	191.4	-54.7
100.65	192	-51
152.5	184.4	-49.2
152.5	184.4	-49.2
198.2	202.9	-49.2

Drill Log Summary:

February 15, 2011

DIAMOND DRILL LOG

From	*To*	*Rock Type Rock Code*	*Geology*	*Sample No.*	*From*	*To*	*Length*	*Au (ppb)*	*Au (g/t)*
0	2	Overburden OVB	Soil, cobbles, boulders						
2	98.2	Intermediate Volcanics	Dark greenish grey to medium grey. Locally pinkish in areas of potassic alteration.weakly to moderately fractured with local broken zones over 20-30cm. Generally good recovery. Intercalated lapilli and ash or crystal tuffs. Fragments are generally smaller than encounter in holes RH11-01 and -02. Typically 5-50mm rounded to subrounded fragments of dacitic composition clast supported in a poorly sorted to locally moderately sorted groundmass. well flattened in foliation. Local ash beds from 0.5 to 2.0m. Very strongly foliated throughout local intense foliation over 1-3m at 40tca. Weak silicification throughout. Moderate to locally strong chloritization primarily concentrated in the groundmass. Biotite is abundant thoughout defining foliation. Trace local fg disseminated py in areas of qz veining. Trace fg po as disseminations in the groundmass or rarely in fragments. Qz stringers to 1mm at 20 to 45tca, 1-2/m	848186	70	71.5	1.50	2.5	
				848187	71.5	73	1.50	2.5	
				848188	73	74.5	1.50	2.5	
				848189	74.5	76	1.50	2.5	
				848191	77.5	79	1.50	2.5	
				848192	79	80.5	1.50	2.5	
				848193	80.5	82	1.50	2.5	
				848194	82	83.5	1.50	2.5	
				848195	83.5	85	1.50	32.5	
			7.0m - 4mm qz vnlt at 50tca with trace fg py 10.0m 8-20mm irregular qz vnlt subparallel to foliation at 40tca with muscivite mica	848196	85	86.5	1.50	2.5	
				848197	86.5	88	1.50	2.5	
			10.7m - 20mm qz vnlt at 40tca with muscovite mica 12.7m - irregular qz vn at 70tca with cg muscovite 15.6m - irregular 10mm qzlt at 40tca	848198	88	89.5	1.50	2.5	
			18.2m - 5mm qz vnlt at 25tca with trace fg py. 20.2m - 10mm gouge at 40tca parallel to foliation 33.5m - 12mm qz vnlt at 90tca	848199	89.5	91	1.50	28	
				848200	91	92.5	1.50	64	
			36.7m - 20mm qz vn at 55tca	848201	standard			1582	
			49.0 - 51.0m - ash bed with grading indicating tops uphole. Some contradictory grading.	848202	92.51	94	1.49	152	
				848203	94	95.5	1.50	38	
			50.4m - 10mm - qz vnlt at 40tca with minor mascovite and weak potassic alteration envelope 51.4m - 30cm broken and rubbly core 50% recovery 58.2m - 30cm broken and rubbly core 75% recovery	848204	95.5	97	1.50	22	
				848205	97	98.2	1.20	11	
			63.7 - 64.2m - ash bed with graded bedding indicating tops uphole						
			64.2 - 67.0m - volcanic agglomerate bed. Angular rhyolitic and dacitic frags to 30mm clast supported in strongly chloritized groundmass						

DIAMOND DRILL LOG

From	*To*	*Rock Type Rock Code*	*Geology*	*Sample No.*	*From*	*To*	*Length*	*Au (ppb)*	*Au (g/t)*
			70.2m - 35mm qz vn at 55tca with chlirite and biotite 72.1m - irregular 50mm qz infiling with muscovite at selvage 73.0 - 74.0m - agglomerate bed as above. 74.0 - 98.2m - silicification increasing to moderate 78.0 to 98.2m - local massive pyrite blebs, fragments 81.1m - 25mm qz vn at 45tca 90.6m - 30cm of broken and rubbly core 94.9m - 30mm qz vn at 45tca with minor muscovite 96.2m - foliation at 40tca defined by biotite 98.2m - lower contact irregular but sharp at 40tca. Minor folding in the sulphides at contact.						
		Int Volcs							
98.2	105	Massive Sulphides	Massive to semi-massive suplhides of 60% mg-cg py, 45% fg po and 5% fg sp, which constitute approximately 60% of the rock volume. Locally massive bedded 10 - 80cm, commonly interstitial to lapilli fragments of 3-20cm. Py and po are intimately associated, sp tends to occur as irregular masses of 30-50mm at contacts of volcanic fragments. Strongly foliated at 40tca. Local qz vnn fragments 10-30mm. 98.3m - 30mm irregular mass of sphalerite (ruby jack) 99.1m - qz vn frags 10-20mm over 20cm. 100.1m - 35mm irregular mass of sphalerite (ruby jack) 101.9 - 102.7m - inclusion of country rock as described above. Local py/po veinlets to 2-4mm. 105.0m - lower contact gradational over 50cm. Strongly chloritized.	848206	98.2	99	0.80	258	
				848207	99	99.5	0.50	145	
				848208	99.5	100	0.50	220	
				848209	100	100.5	0.50	237	
				848210	100.5	101	0.50	82	
				848211	101	101.5	0.50	94	
				848212	101.5	102	0.50	84	
				848213	102	102.5	0.50	10	
				848214	102.5	103	0.50	51	
				848215	103	103.5	0.50	104.5	
				848216	103.5	104	0.50	207	
				848217	104	104.5	0.50	144	
				848218	104.5	105	0.50	57	
		Mass Sx							

DIAMOND DRILL LOG

From	*To*	*Rock Type Rock Code*	*Geology*	*Sample No.*	*From*	*To*	*Length*	*Au (ppb)*	*Au (g/t)*
105128.5		Intermediate Volcanics	Intermadiate volcanics as described above. Dominantly agglomerates to 60% of rock volume followed by lapilli tuff at 40%	848219	105	106.5	1.50	2.5	
				848220	106.5	108	1.50	2.5	
			108.3m - 10mm qz vnlt at 40tca	848221	108	109.5	1.50	2.5	
			109.5m - 25mm qz vn at 55tca 109.7m - foliation at 50tca defined by biotite	848222	109.5	111	1.50	5	
			111.4m - 3mm qz vnlt at 80tca 120.4m - foliation at 70tca	848223	111	112.5	1.50	2.5	
				848224	127	128.5	1.50	16.5	
		Int Volcs							
128.5	133.8	Chlorite Garnet Schist	Dark green white mg pinkish mottles. Parent rock of intermediate volcanics as described above. Dominantly lapilli tuff. Groundmass is intensly flooded with chlorite, 2-3% fg disseminated magnetite and 1% po in irregular blebs. Stongly foliated at 45tca. 12-15% redish pyrope garnet porhyroblasts to 3mm thoughout. Rare local garnets display rotation. Lower contact strongly sheared at 40tca over 20cm with minor	848225	128.5	130	1.50	26	
				848226	130	131.5	1.50	8	
				848227	131.5	133	1.50	321	
				848228	133	133.8	0.80	219	
		Chl Sch							
133.8	147.7	Intermediate Volcanics	intermediate volcanics as described at 3.0 to 98.2m. Dominantly lapilli tuffs. Foliated at 40tca. Local calcite with qz vnlts or as irregular masses in the groundmass.	848229	133.8	135	1.20	9174	
				848230	135	136.5	1.50	34	
			136.0m - irregular 5mm qz vnlt at 40tca 139.2m - 4mm qz vnlt at 40tca 139.5m - 20mm irregular qz mass with minor muscovite 144.4m - 3mm qz vnlt at 35tca with moderately sericitic envelope to 2cm						
		Int Volcs							

DIAMOND DRILL LOG

From	*To*	*Rock Type Rock Code*	*Geology*	*Sample No.*	*From*	*To*	*Length*	*Au (ppb)*	*Au (g/t)*
147.7	184.9	Chlorite Garnet Schist	Chlorite schist as described above. Local clots of fg po to 20mm 150.6m - irregular fg po mass to 50mm interstitial to fragments. 155.0m - 5mm crack and fill vnlt at 40tca 168.2m - 4mm qz vnlt at 40tca 170.3 to 178.5m - irregular fg po masses interstitial to fragments to 4-6% 170.9m - 20cm of qz frags to 15mm with po and fg sp(?) to 10% 178.4m - 25mm qz vn at 60tca with 7% fg po as irregular masses in vein 178.8m - 20mm qz vn at 55tca with 5% mg py at selvage lower contact gradational with decreasing chlorite. Garnet						
		Chl Sch							
184.9	198.2	Intermediate Volcanics	Intermediate Volcanics as described at 3.0 to 98.0m. Dominantly lapilli tuffs with minor ash tuffs. Foliation increasing in intensity obliterating some fragmental textures. Trace local calcite. Fg disseminated py to 1%. Fg po in irregular blebs and masses to 2-3% 183.8 - 191.8m - cg py to 10-15%, fg po to 7-10% as irregular masses interstitial to fragments. 190.2m - 25mm qz vnlt at 55tca with 2%fg po 197.1m - 2mm irregular vnlt at 20-45tca with 2-4% biotite END OF HOLE @ 198.2m						
		Int Volcs							

Northern Minerals Exploration Services
DIAMOND DRILL LOG

Hole Number RH11-04

Project Number	ABB Red Hat
NTS	52F16
Project Name	Redhat
Township/Area	McIlraith
Claim Number	4244565
UTM Zone	15U
UTM Easting (m)	540587
UTM Northing (m)	5538304
Grid Identifier	
Easting (+E,-W)	
Northing (+N,-S)	
Elevation:	396 m

Objective	to test vertical continuety of sulphide in trench 100m to the north on a reverse azimuth from RH11-02
Drilling Company	Distinctive Drilling Services Inc.
Start Date (m/d/y)	21/01/2011
Finish Date (m/d/y)	23/01/2011
Date Logged (m/d/y)	26/01/2011
Geologist	R.MACDONALD
Hole Length	161.6 m
Core Location	RH11-01 setup
Distance to Water	170
Core Size	BTW
Casing Lost	

Tests

Depth (m)	***Azimuth (d)***	***Dip (d)***
0	340	-55
12.2	338	-55.9
51.8	340.5	-55
100.6	340.2	-54.7
152.5	339.5	-56
161.65	339	-56.2

Drill Log Summary:

DIAMOND DRILL LOG

From	*To*	*Rock Type Rock Code*	*Geology*	*Sample No.*	*From*	*To*	*Length*	*Au (ppb)*	*Au (g/t)*
0	3	Over Burden OVB	soil, sand and rocks						
3	161.65	Intermediate Volcanics	medium to light grey with local mottled texture. Moderately fractured thoughout with local rubbly zones over 10-30cm. Generally, regovery is good. Dominanatly intermediate composition ash tuffs, lithic tuffs, crystal tuffs with minor lapilli tuffs. Generally poorly sorted with local well sorted beds of ash or crystal. Lithic frags and lapillis are rhyo-dacitic and locally rhyolitic in composition in an intermediate groundmass. Strongly foliated at 30-35tca with foliation intensifying into sub-mm shears locally. Weak silicification with local zones over 10-30cm of qz flooding. Weak sericitization throughout increases to moderate locally with some silicification. Moderate pervasive calcite decreases locally in leucocratic zones. Weak local chlorite in areas of increased shear. Weak to moderate biotite defining foliation. Highly variable amounts ,trace to 15% fg py and po occur as fragments, 8-40mm beds and as disseminations in envelopes around local qz veins and veinlets. Qz/ca stringers 1-3mm at 20 to 70tca, 1-2/m. 4.3m - 8mm calcite vnlt at 50tca 4.4m - 15mm calcite vnlt at 20tca truncated by mm shear at 20tca 8.4 to 31.2m - 5% to locally15% over 20cm of fg py and po as irregular masses, rounded fragments, of beds to 30mm. 9.5m - calcite infilling open breccia at approx 30tca 17.6m - 30cm of qz flooding with strongly sheared wall rock, po and py to 5-7% 20.4m - 12mm white qz vn at 45tca with trace fg py at selvage. 23.1m - irregular qz flooding with fg py and po to 2-3% over 20cm 25.4m - irregular qz flooding with fg py and po to5-7% over 10cm 27.9m - 8mm qz/ca vnlt at 55tca 29.3m - 10mm qz vnlt at 15tca with 2%fg dissem py in envelope to 3cm 32.2m - 5mm qz vnlt at 55tca with 2% fg po blebs and 2% mg py and qz flooded envelope to 5cm 32.4m - 6mm qz vnlt at 40tca with 15% cg py within the vnlt and 2% fg po at the selvage 37.5m - 35mm qz vn at 60tca with 1% fg disseminated py envelope to 5cm	848259	4	5.5	1.50	2.5	
				848260	5.5	7	1.50	2.5	
				848261	7	8.5	1.50	2.5	
				848262	8.5	10	1.50	9	
				848263	10	11.5	1.50	2.5	
				848264	11.5	13	1.50	10	
				848265	13	14.5	1.50	40	
				848266	14.5	16	1.50	6	
				848267	16	17.5	1.50	33	
				848268	17.5	19	1.50	37	
				848269	19	20.5	1.50	81	
				848270	20.5	22	1.50	56	
				848271	22	23.5	1.50	70	
				848272	23.5	25	1.50	50	
				848273	25	26.5	1.50	18	
				848274	26.5	28	1.50	24	
				848275	28	29.5	1.50	14	
				848276	29.5	31	1.50	78	
				848277	31	32.5	1.50	26	
				848278	32.5	34	1.50	12	
				848279	34	35.5	1.50	9	
				848280	35.5	37	1.50	7	

DIAMOND DRILL LOG

From	*To*	*Rock Type Rock Code*	*Geology*	*Sample No.*	*From*	*To*	*Length*	*Au (ppb)*	*Au (g/t)*
			39.5 to 40.0m - core broken and rubbly	848281	37	38.5	1.50	40	
			42.5m - foliation at 45tca defined by biotite	848282	38.5	40	1.50	33	
			43.2m - 3mm qz vnlet at 60tca with 3-5% fg py and po, 10% tourmaline(?) and 10cm bleached envelope	848283	40	41.5	1.50	11	
				848284	41.5	43	1.50	6	
			47.0 to 68.4m - host rock becoming lighter in colour, possibly bleached as at 43.2m	848285	43	44.5	1.50	21	
				848286	44.5	46	1.50	238	
			53.1m - 3mm qz vnlet at 60tca with 1% fg py and po, 30% tourmaline(?) and 2cm bleached envelope	848287	46	47.5	1.50	19	
			56.0m - 14mm qz/ca vn at 85tca 61.5m - 10mm qz flooded shear at 35tca	848288	47.5	49	1.50	29	
				848289	49	50.5	1.50	2.5	
			63.0 to 72.0m - py as rounded blebs to 25mm increasing to 2-3% in groundmass	848290	50.5	52	1.50	2.5	
			64.7m - 12mm qz/ca vn subparallel tca with 1-2% mg py is truncated by	848291	52	53.5	1.50	2.5	
			3mm chlorite rich shear at 45tca	848292	63	64.5	1.50	32	
			68.3m - 15mm qz vn at 20tca with 2-3% fg py at selvage and as dissemination in envelope to 3cm	848293	64.5	66	1.50	30	
			71.8m - 20mm qz nv at 10tca with 2-3% cg py at selvage and as fg dissemination in envelope to 3cm. Vein margins oxidized	848294	66	67.5	1.50	9	
				848295	67.5	69	1.50	15	
			72.0 to 96.0m - trace to 1% fg disseminated py in groundmass	848296	69	70.5	1.50	25	
			77.3m - 30mm qz vn at 20tca with 2-3% cg py at selvage and as fg dissemination in envelope to 3cm. Vein margins oxidized	848297	70.5	72	1.50	39	
			80.6m - 5mm qz vnlt t 20 with 3-5% fg disseminated py as envelope to 3cm	848298	72	73.5	1.50	2.5	
			85.6m - 5mm qz vnlt at 45tca with 1-3% mg muscovite/tourmaline and 2% fg py in envelope to 3cm	848299	76.5	78	1.50	82	
				848300	78	79.5	1.50	7	
			86.1m - 12x 10mm and 1x 35mm qz vns at 30tca with 2-3% mg py and 1% fg po as irregular blebs. 2-3% fg disseminated py in envelope to 5cm	848301	79.5	79.51	0.01	401	
				848302	79.51	81	1.49	2.5	
			86.5 to 90.8m - mod to strongly magnetic. 1-3% fg disseminated						

DIAMOND DRILL LOG

From	To	Rock Type Rock Code	Geology	Sample No.	From	To	Length	Au (ppb)	Au (g/t)
			magnetite. Pervasive chlorite increases to mod locally, 2% garnet porphyroblast to 2-3mm.	848303	84	85.5	1.50	10	
				848304	85.5	87	1.50	39	
			91.1m - 30mm qz vn at 20tca with 1-2% mg py and 1% fg po. 3% fg dissem py in envelope to 3cm	848305	87	88.5	1.50	11	
			92.1m - 6mm qz vnlt at 25tca with 3-5% fg py at selvage and in 4cm envelope	848306	88.5	90	1.50	10	
			92.5m - 5mm qz vnlt at 45tca with 3% fg py in 3cm envelope	848307	90	91.5	1.50	25	
			95.9m - 6mm qz vnlt at 30tca with 2% fgpy and po	848308	91.5	93	1.50	67	
			96.0 to 98.0m - 10x qz vns from 10-25mm at 35-45tca with 2-3% fg py and 1% fg po . 1-3% fg disseminat6ed py and 2% fg po throughout.	848309	93	94.5	1.50	14	
			98.0 to 103.0 m - 1-2% py as fg disseminations of mg blebs	848310	94.5	96	1.50	39	
				848311	96	97.5	1.50	234	
			98.9m - 65mm mafic dyke at 75tca with 15mm chill margins. 1% fg dissem py, 1-2% fg dissem po. Wall rock contacts bleached to 1-3cm. Lower contact minor qz flooding and shearing.	848312	97.5	99	1.50	27	
			101.5m - 40mm qz vn at 25tca with 1% cg py and minor tourmaline	848313	99	100.5	1.50	19	
				848314	100.5	102	1.50	27	
			103.0 to 161.65m - trace to locally 1% fg disseminated py	848315	102	103.5	1.50	42	
			113.1m - 12mm qz vnlt at 20tca with 3% cg py. 1-2% fg py in envelope to 3cm	848316	111.5	113	1.50	2.5	
			126.8m - 4mm qz vnlt at 50tca with minor muscovite	848317	113	114.5	1.50	799	
			127.1m - qz flooding adjacent to shear breccia sub-parallel tca 138.6m - 3mm qz/ca vnlt at 20tca	848318	114.5	116	1.50	2.5	
			145.0m - 3mm sheared qz/ca vnlt at 65tca	848319	155.5	157	1.50	8	
			146.7m - 3mm qz/ca vnlt at 15tca WITH 2-3% fg disseminated py envelope to 2cm	848320	157	158.5	1.50	17	
			157.1m - 12mm qz vn at 25tca with 1% py 157.2m - 20mm qz vn at 20tca with 1%py	848321	158.5	160	1.50	7	
				848322	160	161.6	1.60	5	
			END OF HOLE @ 161.6m						
		Int Volcs							

Northern Minerals Exploration Services
DIAMOND DRILL LOG

Hole Number CF11-01

Project Number	ABB Centre Fire	***Objective***	to test coincident mag/vtem anomaly
NTS	52F15		
Project Name	Centerfire	***Drilling Company***	Distinctive Drilling Services Inc.
Township/Area	Lomond	***Start Date (m/d/y)***	24/01/2011
Claim Number	4244561	***Finish Date (m/d/y)***	26/01/2011
		Date Logged (m/d/y)	27/01/2011
UTM Zone	15U	***Geologist***	R.MACDONALD
UTM Easting (m)	543062	***Hole Length***	186 m
UTM Northing (m)	5541576	***Core Location***	on property
Grid Identifier			
Easting (+E,-W)		***Distance to Water***	600 m
Northing (+N,-S)		***Core Size***	BTW
Elevation:	407	***Casing Lost***	

Tests

Depth (m)	***Azimuth (d)***	***Dip (d)***
0	160	-55
18.3	158.4	-52.9
67.1	160.7	-46.6
100.6	160.8	-43.6
150	162	-41.4
186	166	-40.2

Drill Log Summary:

DIAMOND DRILL LOG

From	*To*	*Rock Type Rock Code*	*Geology*	*Sample No.*	*From*	*To*	*Length*	*Au (ppb)*	*Au (g/t)*
0	4.5	Overburden Ovb	Soil, sand, rocks						
4.5	119.2	Mafic Volcanics	Dark green to dark grey-green becoming medium to light grey-green by 42.0m. Massive, fine grained. Well sorted. No primary textures are observed. Weak to moderate fracture throughout, generally recovery is good. Strongly to intensely foliated. Foliation increases locally into shear zones of 10 to 100cm. Generally weak to locally moderate silicification over 10-30cm in areas of qz/ca veining or shearing. Calcite alteration occurs as whispy stringers, veinlets and veins from 1-30mm on average 3-5mm, pervasive calcite is generally absent from the groundmass. Mod to strong pervasive chlorite. Biotite occurs locally in compositional banding 3-10mm. Trace to locally 2% fg po occurs in compositional banding, with qz/ca veins or with qz/ca flooding and/or veining associated with shearing. 4.5 to 35.2m - calcite and qz/ca stringers veinlets and viens at 35 to 70tca, most commonly subparallel to foliation at 55-60tca, 7-10% of rock mass. 11.2m - 22cm white qz vein at 60tca contact sheared. Black mineral at lower contact (dark steel grey, submetalic lustre, h approx 4, black streak) 25.5m - 45mm qz/ca vein at 60tca with 1-2% fg po at selvage. 28.5m - 17cm qz/ca shear at 60tca 35.2 to 57.0m - qz/ca veining as described above increasing to 12-15% of rock mass. 57.0 - 64.5m - qz/ca veining decreases to 5% of rock mass 59.9m - 10cm qz/ca flooded shear with 1-2% fg po and trace to 1% fg cpy in very fine fractures 61.6m - 6mm brecciated qz vnlt at 20tca with 3-5%fg po and 1-2% fg cpy 64.5 to 73.0 - qz/ca increasing to 10% of rock mass. 72.5 to 72.8m - qz/ankerite veins to 15mm subparallel to foliation at 65tca with 1% fg po and trace cpy	848323	10	11.5	1.50	2.5	
				848324	11.5	13	1.50	2.5	
				848325	36	37.5	1.50	2.5	
				848326	37.5	39	1.50	2.5	
				848327	54	55.5	1.50	2.5	
				848328	55.5	57	1.50	2.5	
				848330	58.5	60	1.50	2.5	
				848331	60	61.5	1.50	2.5	
				848332	61.5	63	1.50	30	
				848333	63	64.5	1.50	2.5	
				848334	64.5	66	1.50	2.5	
				848335	66	67.5	1.50	2.5	
				848336	67.5	69	1.50	2.5	
				848337	69	70.5	1.50	2.5	
				848338	70.5	72	1.50	2.5	
				848339	72	73.5	1.50	2.5	
				848340	73.5	75	1.50	2.5	
				848341	75	76.5	1.50	2.5	
				848342	76.5	78	1.50	2.5	
				848343	78	79.5	1.50	2.5	
				848344	79.5	81	1.50	6	
				848345	81	82.5	1.50	2.5	

DIAMOND DRILL LOG

From	*To*	*Rock Type Rock Code*	*Geology*	*Sample No.*	*From*	*To*	*Length*	*Au (ppb)*	*Au (g/t)*
			73.0 to 78.0m - qz/ca decreasing to 2-3% of rock mass.	848346	82.5	84	1.50	2.5	
			75.2m - 60mm qz/ca vnlt at 30tca	848347	84	85.5	1.50	2.5	
			83.0m - 15mm qz/ca flooded shear at 80tca with trace fg po and cpy	848348	85.5	87	1.50	5	
			88.6m - 10mm qz/ca shear at 70tca with tr fg po and cpy 90.3m - 10cm qz vein at 60 tca	848349	87	88.5	1.50	2.5	
			91.5 to 95.6m - intense foliation at 80tca, primarily whispy ca stringer and flooding in shears. Local qz flooded shears 2-10cm. Trace local fg po	848350	88.5	90	1.50	2.5	
				848351	standard			474	
				848352	90.01	91.5	1.49	2.5	
			93.4m - 15mm qz vn at 80tca	848353	91.5	93	1.50	10	
			95.6 to 107.6m - foliation decreasing to moderate at 70tca	848354	93	94.5	1.50	7	
			98.8m - 22mm qz/ca vn t 80tca with trace po and lesser trace cpy	848355	94.5	96	1.50	6	
			99.3m - 40mm qz/ca vein at 80tca with trace po at selvage 100.1m - 40mm qz/ca vn at 75tca	848356	96	97.5	1.50	2.5	
				848357	97.5	99	1.50	2.5	
			107.7 to 108.7m - graphite rich bed with 15-20% fg po interstitial to mg fragments 2-3mm	848358	99	100.5	1.50	2.5	
			111.5m - 5mm qz vnlt at 20tca	848359	100.5	102	1.50	2.5	
			115.8m - 22mm qz vn at 80tca lower contact sheared and indistinct	848360	102	103.5	1.50	2.5	
				848361	103.5	105	1.50	2.5	
				848362	105	106.5	1.50	2.5	
				848363	106.5	108	1.50	2.5	
				848364	108	109.5	1.50	2.5	
				848365	109.5	111	1.50	2.5	
		Maf Volcs							

DIAMOND DRILL LOG

From	To	Rock Type / Rock Code	Geology	Sample No.	From	To	Length	Au (ppb)	Au (g/t)
119.2	125.8	Gabbro Intrusive	medium green. Coarse grained equigranular texture. Massive. Weakly fractured, 100% recovery. 60% pyroxene 3-6mm in fg groundmass. Foliation not well expressed. Rare trace fg disseminated po.calcite sringers and veinlets 1-3mm at 20-60tca, 1-3/m. 122.2m - 10mm qz vnlt at 55tca 122.4m - 15mm qz vn at 80tca 124.2m - 6mm qz vnlt at 50tca 124.3m - irregular 15mm qz vnlt at 45tca 124.7m - 20mm qz/ca vn at 30tca 125.8m - lower contact irregular, sharp and sheared at 70tca. Possible quench margin. Grain size decreases to 2-3mm.						
		Gabbro Int							
125.8	154.7	Mafic Volcanics	Dark grey-green. Massive, fine grained. Well sorted. No primary textures are observed. Weak to moderate fracture throughout, generally recovery is good. Moderately to strongly foliated. Generally moderate to locally strong silicification over 10-30cm in areas of qz/ca veining or shearing. Calcite alteration occurs as whispy stringers, 3-10/m pervasive calcite is generally absent from the groundmass. Mod to strong pervasive chlorite. Biotite occurs locally in compositional banding 3-10mm. Trace to locally 1% fg po occurs in compositional banding, with qz/ca veins or with qz/ca flooding and/or veining associated with shearing. 126.9m - 22mm qz/ca vn at 70tca with trace fg po in envelope to 3cm 127.5m - 12mm qz/ca vn at 50tca 128.2m - 14mm qz/ca vn at 60tca 128.5m - 12mm qz/ca vn at 55tca 128.9m - 15mm qz/ca vn at 60tca 137.2m to 140.3m - locally 1-3% fg po and py with whispy stringers 137.5m to 138.0m - Qv @ 70tca with 7-10% fg po and trace to 1% fg Cpy 144.1m - 12mm qz/ca vn at 80tca with 1% fg po and cpy disseminated in calcite portion of vein. 145.6 to 154.7m - stringers to 2mm at 10-40tca with intense potassic(?) sericitic envelope to 2-5mm, 5-10/m 146.0m - 14mm qz vn at 50tca. truncated by shear 149.2m - fault gouge at 20tca 149.4m - crushed, rubbly minor gouge. Fault 150.0m - 12mm qz/ca vn at 75tca cross-cuts vnlts described at 145.6 to 154.7m 152.5m - 20mm qz /ca vn at 50tca	848366	126	127.5	1.50	2.5	
				848367	127.5	129	1.50	5	
				848368	129	130.5	1.50	2.5	
				848369	135.5	137	1.50	2.5	
				848370	137	138.5	1.50	2.5	
				848371	138.5	140	1.50	2.5	
				848372	140	141.5	1.50	2.5	
				848373	141.5	143	1.50	2.5	
				848374	143	144.5	1.50	2.5	
				848375	144.5	146	1.50	2.5	
				848376	146	147.5	1.50	2.5	
				848377	153.5	154.7	1.20	6	

DIAMOND DRILL LOG

From	*To*	*Rock Type Rock Code*	*Geology*	*Sample No.*	*From*	*To*	*Length*	*Au (ppb)*	*Au (g/t)*
125.8	154.7	Mafic Volcanics	Dark grey-green. Massive, fine grained. Well sorted. No primary textures are observed. Weak to moderate fracture throughout, generally recovery is good. Moderately to strongly foliated. Generally moderate to locally strong silicification over 10-30cm in areas of qz/ca veining or shearing. Calcite alteration occurs as whispy stringers, 3-10/m pervasive calcite is generally absent from the groundmass. Mod to strong pervasive chlorite. Biotite occurs locally in compositional banding 3-10mm. Trace to locally 1% fg po occurs in compositional banding, with qz/ca veins or with qz/ca flooding and/or veining associated with shearing.	848366	126	127.5	1.50	2.5	
				848367	127.5	129	1.50	5	
				848368	129	130.5	1.50	2.5	
				848369	135.5	137	1.50	2.5	
				848370	137	138.5	1.50	2.5	
				848371	138.5	140	1.50	2.5	
			126.9m - 22mm qz/ca vn at 70tca with trace fg po in envelope to 3cm 127.5m - 12mm qz/ca vn at 50tca	848372	140	141.5	1.50	2.5	
			128.2m - 14mm qz/ca vn at 60tca	848373	141.5	143	1.50	2.5	
			128.5m - 12mm qz/ca vn at 55tca 128.9m - 15mm qz/ca vn at 60tca	848374	143	144.5	1.50	2.5	
				848375	144.5	146	1.50	2.5	
			137.2m to 140.3m - locally 1-3% fg po and py with whispy stringers 137.5m to 138.0m - qz vn at 70tca with 7-10% fg po and trace to 1% fg cpy	848376	146	147.5	1.50	2.5	
			144.1m - 12mm qz/ca vn at 80tca with 1% fg po and cpy disseminated in calcite portion of vein.	848377	153.5	154.7	1.20	6	
			145.6 to 154.7m - stringers to 2mm at 10-40tca with intense potassic(?) sericitic envelope to 2-5mm, 5-10/m 146.0m - 14mm qz vn at 50tca. truncated by shear						
			149.2m - fault gouge at 20tca 149.4m - crushed, rubbly minor gouge. Fault						
			150.0m - 12mm qz/ca vn at 75tca cross-cuts vnlts described at 145.6 to 154.7m 152.5m - 20mm qz /ca vn at 50tca						
			153.8m to 154.1m - 3-5% fg po on bedding with 10-15% po and trace cpy in 2mm fracture subparallel tca						
		Maf Volc	154.7m - lower contact indistinct						

DIAMOND DRILL LOG

From	*To*	*Rock Type Rock Code*	*Geology*	*Sample No.*	*From*	*To*	*Length*	*Au (ppb)*	*Au (g/t)*
154.7		160 Gabbro Intrusive	medium green. Medium grained equigranular texture, becoming coarser grained in center of unit. Massive. Weakly fractured, 100% recovery. 60% pyroxene 2-4mm in fg groundmass. Foliation not well expressed. Rare trace fg disseminated po.calcite stringers with intense potassic(?) sericitic envelope to 1-3mm at 10-40tca, 5-15/m. 156.5m - 10cm qz/ca filled shear at 40tca is cut by the potassic/sericitic stringers as described above	848378	154.7	156	1.30	2.5	
				848379	156	157.5	1.50	2.5	
				848380	157.5	159	1.50	2.5	
				848381	159	160	1.00	2.5	
		Gabbro Intrusive	160m - lower contact indistinct						
160	186	Mafic Volcanics	Dark grey-green. Massive, fine grained. Well sorted. No primary textures are observed. Weak to moderate fracture throughout, generally recovery is good. Moderately to strongly foliated. Generally moderate to locally strong silicification over 10-30cm in areas of qz/ca veining or shearing. Calcite alteration occurs as whispy stringers, 3-10/m pervasive calcite is generally absent from the groundmass. Mod to strong pervasive chlorite. Minor biotite defining foliation. stringers to 2mm at 10-40tca with intense potassic(?) sericitic envelope to 2-5mm, 5-10/m Trace to locally 10% fg po and trace to locally 3% cpy occurs in compositional banding, with qz/ca veins or with qz/ca flooding and/or veining associated with shearing. 163.1m - 12 qz /ca vn at 75tca 163.2m - 65mm qz vn at 80tca 164.6m - black graded bedding indicates tops up. (very clear) 10%fg po. Graphitic(?) 165.4 to 165.9m - 7% fg po and trace to 1% fg cpy in compositional banding and calcite/potassic/sericitic matrix of breccia asscociated with stringers as described above. 169.9 to 170.6m - strong pervasive chlorite and 5-7% fg po 170.3m - 10cm qz/ca shear at 60tca 175.2m - 8mm qz/ca vnlt at 50tca 176.3m - 10mm qz/ca vnlt at 50tca with trace po at selvage 177.1m - irregular qz/ca mass to 25mm with trace po 177.6m - 22mm qz/ca vn at 70tca with trace po and cpy(?) 178.2 to 178.6m - 10-15% fg po and 1% fg cpy in compositional banding 179.0m - 5cm band of 10% fgpo and 1% fg cpy 183m - 30mm qz/ca shear at 60tca with 5% fg po and 1-2% fg cpy 183.3m - 30mm qz/ca vn at 80tca 183.4m - 10cm qz vn at 80tca	848382	160	161.5	1.50	2.5	
				848383	161.5	163	1.50	5	
				848384	163	164.5	1.50	7	
				848385	164.5	166	1.50	78	
				848386	166	167.5	1.50	2.5	
				848387	167.5	169	1.50	5	
				848388	169	170.5	1.50	2.5	
				848389	170.5	172	1.50	2.5	
				848390	172	173.5	1.50	2.5	
				848391	173.5	175	1.50	2.5	
				848392	175	176.5	1.50	2.5	
				848393	176.5	178	1.50	2.5	
				848394	178	179.5	1.50	6	
				848395	179.5	181	1.50	2.5	
				848396	181	182.5	1.50	2.5	
				848397	182.5	184	1.50	2.5	
				848398	184	185	1.00	6	
				848399	185	186	1.00	2.5	
		Maf Volcs	EOH						

APPENDIX 2 – Analysis Certificates

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Fax: (807) 622-7571

Tuesday, February 1, 2011

Certificate of Analysis

Abitibi Mining Corp
711-675 West Hastings St
Vancouver, BC, CAN
V6B 1N2
Ph#: (604) 685-2222

Date Received: 01/20/2011
Date Completed: 02/01/2011
Job #: 201140254
Reference: REDHAT
Sample #: 107

Acc #	Client ID	Au ppb	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
18256	848001	<5	<1	1.47	17	13	140	<2	2	2.10	<4	<1	168	18	1.56	0.65	13	0.62	1357	18	0.13	14	596	<1	<5	<5	0.02	<10	47	707	<2	33	<10	5	26
18257	848002	<5	<1	1.64	19	12	117	<2	2	1.39	<4	<1	179	7	1.14	0.67	12	0.61	1308	14	0.15	9	571	2	<5	<5	0.02	<10	44	532	11	20	<10	4	72
18258	848003	<5	<1	1.53	15	13	137	<2	2	1.76	<4	<1	256	9	1.51	0.75	10	0.68	1349	14	0.16	12	672	<1	<5	<5	0.02	<10	48	838	8	31	<10	5	32
18259	848004	<5	<1	1.60	12	14	145	<2	1	1.75	<4	2	313	39	1.62	0.80	11	0.70	1365	15	0.16	14	622	<1	<5	<5	0.02	<10	52	983	3	35	<10	5	35
18260	848005	<5	<1	1.49	13	13	130	<2	2	1.06	<4	<1	317	10	1.26	0.73	9	0.57	1321	15	0.16	11	652	2	<5	<5	0.02	<10	43	755	<2	28	<10	5	29
18261	848006	<5	<1	1.61	12	13	131	<2	1	2.03	<4	<1	253	12	1.67	0.82	12	0.77	1396	9	0.14	15	684	<1	<5	<5	0.02	<10	45	880	3	32	<10	6	37
18262	848007	31	<1	1.64	15	12	131	<2	2	1.76	<4	<1	257	18	1.58	0.78	12	0.69	1372	15	0.16	14	585	<1	<5	<5	0.02	<10	54	1008	9	32	<10	5	40
18263	848008	<5	<1	1.37	14	11	108	<2	2	1.13	<4	<1	221	8	1.12	0.66	9	0.49	1310	17	0.13	10	577	<1	<5	<5	0.02	<10	40	674	5	23	<10	4	29
18264	848009	6	<1	1.37	10	12	110	<2	1	1.19	<4	<1	235	10	1.16	0.63	7	0.48	1300	16	0.14	11	650	<1	<5	<5	0.02	<10	37	612	<2	24	<10	4	32
18265	848010	<5	<1	1.52	14	12	96	<2	3	2.12	<4	<1	201	10	1.57	0.66	15	0.83	1368	7	0.14	15	612	<1	<5	<5	0.02	<10	46	558	<2	29	<10	4	35
18266D	848010	<5	<1	1.49	15	11	93	<2	2	2.11	<4	<1	198	10	1.56	0.65	15	0.83	1369	14	0.13	14	577	22	<5	<5	0.02	<10	44	556	5	29	<10	4	35
18267	848011	<5	<1	1.49	11	12	87	<2	<1	2.13	<4	2	238	12	1.79	0.81	13	0.84	1414	10	0.14	16	514	<1	<5	<5	0.02	<10	43	914	8	33	<10	5	34
18268	848012	<5	<1	1.80	20	13	148	<2	2	2.19	<4	2	229	8	2.05	1.13	15	1.08	1467	10	0.16	21	598	4	<5	11	0.02	<10	50	1291	8	42	<10	6	57
18269	848013	5	<1	1.93	18	13	163	<2	<1	2.09	<4	5	300	25	2.57	1.11	16	1.12	1466	6	0.17	24	548	18	<5	50	0.03	<10	47	1463	4	52	<10	6	113
18270	848014	<5	<1	1.73	15	14	122	<2	<1	1.58	<4	3	268	19	2.02	0.92	14	0.88	1398	14	0.15	19	551	23	<5	<5	0.02	<10	43	1135	2	45	<10	5	64
18271	848015	<5	<1	1.63	13	14	128	<2	<1	1.38	<4	<1	221	11	1.53	0.87	11	0.71	1376	10	0.15	13	651	18	<5	<5	0.02	<10	43	1078	5	30	<10	5	44
18272	848016	<5	<1	1.53	17	13	116	<2	<1	0.85	<4	<1	207	7	1.12	0.83	8	0.46	1283	16	0.14	11	598	<1	<5	<5	0.02	<10	37	912	3	22	<10	4	43
18273	848017	<5	<1	1.68	16	14	121	<2	2	1.05	<4	<1	231	12	1.28	0.91	9	0.54	1310	17	0.15	13	640	<1	<5	<5	0.02	<10	41	983	5	27	<10	4	40
18274	848018	13	<1	1.67	13	14	112	<2	1	1.62	<4	2	222	25	1.59	0.93	10	0.68	1377	14	0.15	16	723	<1	<5	<5	0.02	<10	47	1111	3	32	<10	5	80
18275	848019	5	<1	1.48	16	12	88	<2	2	1.58	<4	<1	178	8	1.26	0.53	14	0.55	1350	15	0.13	12	608	5	<5	<5	0.03	<10	36	795	<2	22	<10	4	9

PROCEDURE CODES: ALP1, ALFA2, ALAR1

Certified By: Derek Demeniuk M.Sc. Laboratory Manager

-0698-02/01/2011 1:34 PM

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Tuesday, February 1, 2011

Certificate of Analysis

Abitibi Mining Corp
711-675 West Hastings St
Vancouver, BC, CAN
V6B 1N2
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18276	848020	12	<1	1.54	16	11	105	<2	<1	1.71	<4	<1	232	6	1.45	0.67	12	0.59	1353	17	0.14	14	718	<1	<5	<5	0.03	<10	41	936	3	31	<10	5	11
18277D	848020	12	<1	1.42	13	11	97	<2	3	1.61	<4	<1	213	6	1.37	0.62	11	0.55	1344	13	0.13	13	607	<1	<5	<5	0.02	<10	38	890	<2	28	<10	4	8
18278	848021	9	<1	1.73	14	11	105	<2	1	1.60	<4	<1	220	16	1.95	0.95	11	0.69	1381	15	0.15	16	619	<1	<5	11	0.02	<10	49	913	4	30	<10	5	53
18279	848022	23	<1	1.66	15	10	102	<2	2	1.97	<4	<1	176	14	1.98	0.88	13	0.66	1376	15	0.12	14	578	2	<5	11	0.02	<10	54	736	4	29	<10	4	68
18280	848023	41	<1	1.73	18	12	124	<2	2	1.89	<4	4	221	27	2.21	0.85	15	0.80	1420	17	0.13	19	522	10	<5	12	0.02	<10	47	1053	<2	35	<10	5	38
18281	848024	6	<1	1.78	15	12	94	<2	1	1.65	<4	<1	188	54	2.39	0.62	21	0.94	1413	10	0.12	22	603	9	<5	<5	0.02	<10	41	1101	6	41	<10	5	68
18282	848025	11	<1	2.49	19	15	119	<2	2	3.33	<4	<1	334	27	3.30	0.96	20	2.24	1483	<1	0.12	72	1711	4	<5	23	0.06	<10	75	1885	12	78	<10	8	84
18283	848026	15	<1	1.88	16	14	144	<2	3	2.60	<4	<1	311	19	2.21	1.12	13	1.06	1479	13	0.14	32	835	4	<5	51	0.03	<10	51	1259	2	39	<10	5	41
18284	848027	13	<1	1.78	8	14	148	<2	3	1.72	<4	<1	306	26	2.23	1.08	13	0.94	1398	14	0.15	21	446	2	<5	48	0.02	<10	41	1204	<2	39	<10	5	55
18285	848028	32	<1	1.64	15	13	152	<2	2	1.82	<4	<1	326	24	1.67	1.03	10	0.65	1396	15	0.14	16	381	<1	<5	<5	0.02	<10	48	974	2	29	<10	4	32
18286	848029	10	<1	1.63	17	14	127	<2	2	1.78	<4	<1	288	12	1.63	0.86	11	0.64	1369	17	0.15	14	523	<1	<5	<5	0.02	<10	40	673	<2	26	<10	4	13
18287	848030	38	<1	1.70	12	12	131	<2	<1	1.53	<4	<1	260	12	1.67	0.97	11	0.69	1378	15	0.14	14	431	9	<5	<5	0.02	<10	41	871	9	28	<10	4	21
18288D	848030	40	<1	1.70	14	12	129	<2	2	1.54	<4	<1	260	12	1.69	0.98	12	0.70	1378	15	0.14	14	534	<1	<5	<5	0.02	<10	41	872	2	28	<10	4	21
18289	848031	12	<1	1.02	14	11	54	<2	2	1.01	<4	<1	306	12	1.67	0.47	6	0.40	1281	19	0.14	13	677	<1	<5	<5	0.02	<10	25	530	<2	28	<10	4	29
18290	848032	88	<1	1.31	15	10	77	<2	2	1.11	<4	<1	263	32	1.76	0.58	10	0.56	1305	18	0.12	13	505	21	<5	<5	0.01	<10	31	607	2	28	<10	4	75
18291	848033	23	<1	1.62	10	11	98	<2	2	1.26	<4	<1	193	21	2.28	0.92	11	0.80	1337	11	0.12	19	654	2	<5	<5	0.01	<10	33	1067	5	34	<10	5	101
18292	848034	15	<1	1.61	18	11	102	<2	2	1.46	<4	<1	234	10	1.74	0.83	10	0.67	1337	15	0.13	15	643	<1	<5	<5	0.02	<10	38	782	5	27	<10	4	34
18293	848035	460	<1	1.61	17	12	108	<2	1	1.70	<4	3	223	47	2.20	0.86	8	0.61	1344	16	0.12	20	434	7	<5	<5	0.02	<10	39	745	5	24	<10	4	29
18294	848036	10	<1	1.69	33	13	111	<2	2	1.66	<4	<1	270	15	1.58	0.85	8	0.61	1349	16	0.14	15	663	<1	<5	<5	0.02	<10	48	747	2	25	<10	4	34
18295	848037	<5	<1	1.73	10	12	116	<2	3	1.42	<4	<1	190	2	1.08	0.92	9	0.57	1333	14	0.12	10	751	<1	<5	<5	0.03	<10	50	488	2	18	<10	4	14

PROCEDURE CODES: ALP1, ALFA2, ALAR1

Certified By: Daniel Demianiuk H.Bsc. Laboratory Manager

The results included on this report relate only to the items tested
The Certificate of Analysis should not be reproduced except in full,
without the written approval of the laboratory

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Tuesday, February 1, 2011

Certificate of Analysis

Abitibi Mining Corp
711-675 West Hastings St
Vancouver, BC, CAN
V6B 1N2
Ph#: (604) 685-2222

Date Received: 01/20/2011
Date Completed: 02/01/2011
Job #: 201140254
Reference: REDHAT
Sample #: 107

Acc #	Client ID	Au	Ag	Al	As	B	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	K	Li	Mg	Mn	Mo	Na	Ni	P	Pb	Sb	Se	Si	Sn	Sr	Ti	Tl	V	W	Y	Zn
		ppb	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	%	ppm	%	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
18296	848038	<5	<1	1.70	15	12	115	<2	1	1.08	<4	<1	166	2	1.07	0.98	8	0.59	1319	14	0.11	12	780	<1	<5	<5	0.03	<10	42	567	2	18	<10	4	13
18297	848039	<5	<1	1.83	17	13	124	<2	2	0.99	<4	<1	221	6	1.38	1.03	10	0.70	1332	14	0.13	13	778	5	<5	<5	0.02	<10	44	737	9	23	<10	4	28
18298	848040	21	<1	1.80	20	13	106	<2	3	0.84	<4	3	203	16	1.82	0.85	14	0.75	1329	15	0.12	17	609	<1	<5	<5	0.02	<10	42	853	6	27	<10	4	43
18299D	848040	33	<1	1.71	17	12	100	<2	2	0.82	<4	<1	196	15	1.78	0.81	14	0.73	1325	11	0.12	17	620	2	<5	<5	0.02	<10	40	811	5	26	<10	4	43
18300	848041	5	<1	1.65	16	13	107	<2	2	1.14	<4	<1	166	9	1.62	0.99	13	0.67	1305	14	0.10	12	314	<1	<5	<5	0.02	<10	52	852	<2	27	<10	4	43
18301	848042	12	<1	1.47	15	10	93	<2	2	1.60	<4	<1	193	20	1.73	0.90	8	0.65	1351	17	0.13	11	581	<1	<5	<5	0.01	<10	41	1050	7	28	<10	4	50
18302	848043	18	<1	1.13	16	11	76	<2	1	1.87	<4	3	241	26	2.01	0.66	6	0.47	1349	18	0.11	17	501	1	<5	<5	0.02	<10	37	727	3	26	<10	4	25
18303	848044	12	<1	1.19	16	10	97	<2	1	1.52	<4	<1	187	11	1.23	0.71	5	0.40	1317	18	0.14	8	604	<1	<5	<5	0.02	<10	36	761	<2	24	<10	4	22
18304	848045	9	<1	1.07	15	10	80	<2	<1	2.03	<4	<1	216	10	1.30	0.60	5	0.39	1338	18	0.11	8	616	<1	<5	<5	0.02	<10	41	768	<2	24	<10	4	20
18305	848046	8	<1	1.52	11	13	116	<2	2	1.46	<4	<1	186	16	1.94	0.92	8	0.56	1337	18	0.13	16	565	<1	<5	<5	0.02	<10	43	1126	<2	31	<10	5	49
18306	848047	36	<1	1.54	18	16	110	<2	5	1.66	<4	7	227	36	4.73	0.97	13	0.89	1408	26	0.11	31	575	13	<5	52	0.01	<10	36	1249	<2	40	<10	5	90
18307	848048	13	<1	1.72	16	15	130	<2	2	1.58	<4	3	228	21	2.52	1.17	16	0.94	1429	10	0.14	20	600	6	<5	<5	0.01	<10	46	1477	<2	44	<10	5	51
18308	848049	11	<1	1.33	16	15	98	<2	<1	1.62	<4	<1	199	18	1.87	0.86	12	0.70	1390	17	0.10	16	522	<1	<5	<5	0.01	<10	36	1289	<2	39	<10	5	38
18309	848050	<5	<1	1.20	19	13	101	<2	1	1.81	<4	<1	206	14	1.58	0.70	10	0.59	1375	16	0.10	12	552	<1	<5	<5	0.01	<10	41	1123	<2	38	<10	4	32
18310D	848050	<5	<1	1.24	18	14	104	<2	1	1.89	<4	<1	211	15	1.63	0.73	11	0.61	1382	16	0.10	13	627	<1	<5	<5	0.01	<10	43	1174	<2	39	<10	5	34
18311	848051	<5	<1	1.15	17	14	119	<2	2	1.87	<4	<1	211	16	1.63	0.77	10	0.55	1376	19	0.10	13	646	15	<5	<5	0.01	<10	36	1303	7	41	<10	5	38
18312	848052	<5	<1	1.12	17	13	126	<2	2	1.59	<4	<1	221	21	1.54	0.65	10	0.55	1366	17	0.11	11	634	<1	<5	<5	0.01	<10	34	1056	5	34	<10	4	24
18313	848053	<5	<1	1.06	15	11	75	<2	2	2.09	<4	<1	173	16	1.33	0.46	9	0.46	1333	17	0.08	11	618	<1	<5	<5	0.02	<10	41	812	3	25	<10	4	20
18314	848054	13	<1	1.05	13	11	98	<2	2	1.53	<4	<1	179	41	1.45	0.62	9	0.48	1326	21	0.09	13	615	<1	<5	<5	0.01	<10	32	939	3	30	<10	4	19
18315	848055	<5	<1	0.95	17	12	92	<2	<1	1.58	<4	<1	183	16	1.46	0.60	8	0.46	1340	24	0.09	11	758	<1	<5	<5	0.01	<10	33	1070	<2	36	<10	4	27

PROCEDURE CODES: ALP1, ALFA2, ALAR1

Certified By:

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Date Received: 01/20/2011
Date Completed: 02/01/2011
Job #: 201140254
Reference: REDHAT
Sample #: 107

Acc #	Client ID	Au ppb	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
18316	848056	536	16	1.30	442	13	61	2	6	0.06	26	<1	220	640	6.98	0.34	9	0.91	1264	29	0.03	16	<100	2548	29	51	0.02	<10	5	<100	14	8	65	14	8811
18317	848057	<5	<1	1.05	19	12	89	<2	2	1.37	<4	<1	205	14	1.46	0.55	10	0.47	1322	18	0.09	13	661	<1	<5	<5	0.01	<10	31	978	<2	32	<10	4	34
18318	848058	<5	<1	1.09	12	13	92	<2	1	1.40	<4	<1	213	14	1.49	0.56	10	0.48	1326	17	0.10	13	624	<1	<5	<5	0.01	<10	33	1022	<2	33	<10	4	31
18319	848059	<5	<1	1.06	18	13	99	<2	<1	1.71	<4	<1	173	12	1.33	0.63	9	0.45	1330	18	0.09	10	703	<1	<5	<5	0.01	<10	34	975	5	31	<10	5	21
18320	848060	<5	<1	1.09	19	14	101	<2	2	1.78	<4	<1	215	21	1.77	0.66	11	0.53	1365	15	0.10	14	730	<1	<5	<5	0.01	<10	34	1042	8	38	<10	5	25
18321R	848060	<5	<1	1.16	12	13	110	<2	1	1.78	<4	<1	231	20	1.79	0.69	11	0.52	1364	18	0.11	15	601	<1	<5	<5	0.01	<10	36	1060	3	38	<10	5	27
18322	848061	<5	<1	1.24	20	13	103	<2	<1	1.58	<4	<1	207	30	1.62	0.74	12	0.59	1365	16	0.10	37	612	<1	<5	<5	0.01	<10	32	1103	5	39	<10	5	63
18323	848062	<5	<1	1.46	15	14	155	<2	2	1.56	<4	<1	200	13	1.87	0.97	14	0.72	1391	16	0.12	18	752	<1	<5	<5	0.01	<10	34	1416	2	46	<10	5	61
18324	848063	<5	<1	1.23	13	14	125	<2	2	1.81	<4	<1	228	20	1.67	0.77	11	0.58	1382	17	0.11	15	623	16	<5	<5	0.01	<10	35	1131	<2	35	<10	5	64
18325	848064	<5	<1	1.43	15	16	137	<2	<1	2.60	<4	<1	200	17	1.93	0.87	14	0.73	1459	17	0.12	16	664	2	<5	12	0.01	<10	48	1243	<2	42	<10	5	40
18326	848065	<5	<1	1.34	18	14	131	<2	2	1.77	<4	<1	172	13	1.42	0.89	9	0.54	1382	17	0.11	11	677	<1	<5	<5	0.01	<10	32	1131	4	32	<10	5	25
18327	848066	14	<1	1.22	14	14	107	<2	<1	1.93	<4	<1	182	18	1.69	0.77	11	0.61	1382	18	0.10	14	663	<1	<5	<5	0.01	<10	33	1219	2	35	<10	5	23
18328	848067	6	<1	1.47	14	14	117	<2	2	2.62	<4	<1	186	10	1.90	0.94	13	0.77	1473	17	0.10	13	700	<1	<5	12	0.02	<10	41	1253	<2	40	<10	5	28
18329	848068	10	<1	1.11	17	12	94	<2	2	1.59	<4	<1	189	14	1.26	0.56	7	0.40	1345	19	0.10	9	662	<1	<5	<5	0.02	<10	36	824	3	25	<10	4	20
18330	848069	<5	<1	1.17	16	13	147	<2	2	1.75	<4	<1	174	13	1.43	0.78	7	0.48	1360	18	0.10	11	898	<1	<5	<5	0.01	<10	36	1100	2	35	<10	5	33
18331	848070	<5	<1	1.15	13	11	135	<2	1	1.42	<4	<1	147	16	1.55	0.76	7	0.43	1329	18	0.09	13	720	<1	<5	<5	<0.01	<10	30	1015	<2	33	<10	5	47
18332D	848070	<5	<1	1.15	12	12	136	<2	2	1.44	<4	<1	148	16	1.56	0.77	8	0.43	1332	20	0.09	12	753	<1	<5	<5	<0.01	<10	29	1006	<2	33	<10	5	47
18333	848071	<5	<1	1.28	17	13	175	<2	<1	1.82	<4	<1	207	23	1.89	0.87	8	0.58	1430	19	0.11	16	776	<1	<5	<5	0.01	<10	32	1267	2	45	<10	5	39
18334	848072	<5	<1	1.18	20	14	163	<2	2	1.95	<4	<1	203	22	1.76	0.80	10	0.57	1429	15	0.10	13	685	<1	<5	<5	0.01	<10	33	1150	2	38	<10	5	24
18335	848073	6	<1	1.31	8	14	177	<2	2	2.46	<4	<1	226	13	1.88	0.90	12	0.71	1507	16	0.12	13	613	<1	<5	<5	0.01	<10	37	1164	6	41	<10	6	21

PROCEDURE CODES: ALP1, ALFA2, ALAR1

Certified By: Derek Demianiuk H.Bsc. Laboratory Manager

-0698-02/01/2011 1:35 PM

ACCURASSAY LABORATORIES
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18336	848074	<5	<1	1.24	13	15	192	<2	<1	2.24	<4	<1	228	13	1.82	0.80	10	0.60	1528	17	0.12	13	742	2	<5	<5	0.01	<10	40	1198	<2	39	<10	6	21
18337	848075	7	<1	1.78	16	14	240	<2	1	2.43	<4	<1	187	20	3.47	0.91	17	0.87	1691	19	0.13	29	725	9	<5	23	0.01	<10	50	1379	9	53	<10	7	75
18338	848076	6	<1	3.00	17	13	262	<2	2	2.00	<4	<1	199	24	6.54	1.03	13	0.97	1839	27	0.25	40	669	12	<5	27	0.02	<10	83	1423	4	64	<10	8	242
18339	848077	8	<1	2.30	14	14	248	<2	3	1.34	<4	5	194	31	7.07	1.17	12	0.97	1779	28	0.16	32	779	12	<5	25	0.01	<10	48	1519	2	67	<10	6	215
18340	848078	13	<1	1.35	20	15	190	<2	2	2.59	<4	<1	212	23	3.41	0.84	12	0.73	1568	19	0.11	22	724	12	<5	12	0.01	<10	45	1218	3	48	<10	6	69
18341	848079	<5	<1	1.48	22	12	192	<2	<1	1.99	<4	<1	217	16	2.21	0.73	14	0.63	1517	17	0.11	19	620	<1	<5	46	0.01	<10	40	1268	4	40	<10	6	32
18342	848080	<5	<1	1.92	16	13	226	<2	1	2.10	<4	<1	184	13	3.38	0.94	16	0.76	1586	17	0.16	30	733	4	<5	51	0.01	<10	58	1387	2	51	<10	7	110
18343D	848080	<5	<1	1.88	19	14	219	<2	3	2.06	<4	<1	178	13	3.33	0.92	16	0.74	1578	22	0.16	29	739	9	<5	49	0.01	<10	57	1346	5	50	<10	7	105
18344	848081	<5	<1	2.18	20	13	198	<2	3	1.34	<4	<1	214	28	4.78	1.01	14	0.91	1514	21	0.19	36	539	11	<5	22	0.02	<10	46	1374	5	63	<10	7	240
18345	848082	<5	<1	1.61	14	12	243	<2	2	1.30	<4	<1	211	17	3.05	1.03	13	0.74	1516	21	0.14	23	761	6	<5	47	0.02	<10	31	1372	2	53	<10	6	282
18346	848083	<5	<1	2.38	16	13	304	<2	2	2.18	<4	4	185	13	4.66	1.09	16	0.98	1816	19	0.23	32	864	11	<5	24	0.03	<10	60	1440	7	71	<10	8	165
18347	848084	<5	<1	1.55	14	14	232	<2	2	1.52	<4	1	231	34	2.99	0.91	11	0.68	1535	19	0.14	21	649	6	<5	47	0.01	<10	36	1313	4	48	<10	5	84
18348	848085	<5	<1	1.47	17	14	197	<2	<1	2.55	<4	1	228	27	2.15	0.93	12	0.80	1522	16	0.13	18	693	12	<5	47	0.02	<10	46	1182	<2	45	<10	6	24
18349	848086	<5	<1	1.08	15	14	110	<2	2	2.08	<4	<1	299	11	1.55	0.69	11	0.55	1400	17	0.11	10	685	<1	<5	<5	0.01	<10	34	972	3	31	<10	5	11
18350	848087	<5	<1	0.84	14	13	87	<2	1	1.54	<4	<1	246	8	1.36	0.51	6	0.40	1359	23	0.11	10	679	<1	<5	<5	0.01	<10	29	772	2	26	155	4	7
18351	848088	<5	<1	0.98	22	13	116	<2	1	1.25	<4	<1	254	8	1.23	0.61	7	0.37	1341	17	0.11	7	687	<1	<5	<5	0.01	<10	29	949	3	27	<10	4	7
18352	848089	<5	<1	1.11	11	13	121	<2	2	1.91	<4	<1	241	12	1.53	0.72	10	0.57	1426	17	0.13	10	695	<1	<5	<5	0.01	<10	32	1023	3	33	<10	5	12
18353	848090	6	<1	1.08	15	12	120	<2	<1	1.86	<4	<1	229	13	1.54	0.64	10	0.52	1390	16	0.11	13	690	16	<5	<5	0.01	<10	34	903	2	31	15	5	12
18354D	848090	9	<1	1.11	20	13	122	<2	1	1.91	<4	<1	227	13	1.59	0.65	10	0.54	1397	19	0.11	14	736	<1	<5	<5	0.01	<10	35	904	6	32	15	5	14
18355	848091	<5	<1	1.20	14	13	119	<2	1	1.91	<4	<1	171	21	1.53	0.66	11	0.56	1395	13	0.11	13	867	<1	<5	<5	0.01	<10	34	788	2	35	<10	5	13

PROCEDURE CODES: ALP1, ALFA2, ALAR1

Certified By: David Samuelson H.Ba. Laboratory Manager

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18356	848092	<5	<1	0.89	16	12	110	<2	<1	1.64	<4	<1	268	12	1.39	0.58	8	0.46	1376	18	0.11	11	795	<1	<5	<5	0.01	<10	24	824	12	29	<10	5	7
18357	848093	8	<1	1.21	15	13	130	<2	1	2.19	<4	<1	195	31	1.94	0.89	13	0.74	1478	17	0.11	17	687	21	<5	<5	0.02	<10	29	1316	7	48	<10	5	48
18358	848094	14	<1	1.34	13	14	153	<2	<1	2.57	<4	<1	231	63	2.01	0.95	15	0.78	1504	15	0.11	17	763	<1	<5	<5	0.02	<10	41	1192	<2	44	<10	6	29
18359	848095	12	<1	1.45	19	16	193	<2	2	2.29	<4	<1	207	15	2.06	1.02	15	0.82	1513	15	0.14	14	753	<1	<5	<5	0.02	<10	33	1409	7	51	<10	6	22
18360	848096	7	<1	1.36	13	14	175	<2	<1	2.84	<4	<1	262	16	2.16	1.01	15	0.86	1530	16	0.12	17	694	<1	<5	49	0.02	<10	38	1306	3	46	<10	6	21
18361	848097	7	<1	1.18	18	15	147	<2	2	2.06	<4	<1	220	24	1.83	0.82	10	0.62	1433	17	0.12	14	852	<1	<5	<5	0.01	<10	29	1265	4	39	<10	5	34
18362	848098	18	<1	1.14	13	12	139	<2	2	1.78	<4	<1	248	14	1.52	0.68	10	0.46	1365	21	0.12	10	764	<1	<5	<5	0.02	<10	38	1002	3	36	<10	5	11
18363	848099	10	<1	1.24	16	14	143	<2	2	2.15	<4	<1	217	40	1.68	0.87	11	0.62	1417	15	0.13	12	716	<1	<5	<5	0.02	<10	35	1090	4	38	<10	5	25
18364	848100	22	<1	1.09	15	13	110	<2	1	2.21	<4	<1	216	22	1.59	0.76	10	0.53	1404	17	0.10	11	718	3	<5	<5	0.01	<10	34	1027	<2	33	<10	5	14
18365D	848100	19	<1	1.06	16	12	107	<2	<1	2.18	<4	<1	209	22	1.57	0.74	10	0.52	1400	18	0.10	11	763	<1	<5	<5	0.01	<10	33	991	<2	32	<10	5	22
18366	848101	1429	27	1.24	779	14	27	<2	9	0.13	135	3	245	1790	11.38	0.36	10	0.72	1284	44	0.03	20	<100	4062	42	27	0.02	12	4	<100	<2	10	208	11	13282
18367	848102	7	<1	0.94	13	12	57	<2	<1	2.09	<4	<1	171	24	1.62	0.43	12	0.50	1372	17	0.06	10	730	<1	<5	<5	0.01	<10	37	745	3	28	<10	4	46
18368	848103	10	<1	1.19	14	14	103	<2	2	1.62	<4	<1	202	16	1.73	0.79	13	0.59	1381	13	0.11	12	642	<1	<5	<5	0.01	<10	33	1357	3	45	<10	5	21
18369	848104	10	<1	1.16	28	12	99	<2	3	1.60	<4	<1	198	14	1.70	0.77	13	0.59	1379	18	0.10	12	598	<1	<5	<5	0.01	<10	31	1302	<2	44	<10	5	14
18370	848105	9	<1	1.16	13	14	123	<2	2	1.89	<4	<1	252	25	1.75	0.79	14	0.60	1404	14	0.11	17	713	8	<5	<5	0.01	<10	34	1222	<2	42	<10	6	18
18371	848106	<5	<1	1.25	16	13	143	<2	<1	1.88	<4	<1	214	17	1.67	0.78	12	0.55	1373	14	0.12	14	804	4	<5	<5	0.01	<10	39	1193	<2	42	<10	5	22
18372	848107	<5	<1	1.45	17	14	142	<2	2	1.87	<4	1	254	26	2.02	0.90	15	0.73	1405	9	0.12	16	789	5	<5	<5	0.02	<10	40	1368	3	48	<10	6	40

PROCEDURE CODES: ALP1, ALFA2, ALAR1

Certified By: [illegible] Laboratory Manager

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ACCURASSAY LABORATORIES
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Thursday, February 3, 2011

Certificate of Analysis

Abitibi Mining Corp
711-675 West Hastings St
Vancouver, BC, CAN
V6B 1N2
Ph#: (604) 685-2222

Date Received: 01/24/2011
Date Completed: 02/02/2011
Job #: 201140282
Reference: Redhat
Sample #: 78

Acc #	Client ID	Au ppb	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
19328	848108	57	<1	0.99	4	17	112	<2	<1	1.34	<4	15	186	13	1.34	0.69	4	0.49	334	<1	0.15	19	492	4	<5	5	0.01	<10	34	967	<2	23	<10	4	49
19329	848109	24	<1	0.96	3	31	98	<2	<1	1.47	<4	14	104	18	1.01	0.65	4	0.44	309	<1	0.17	23	466	6	<5	11	0.02	<10	32	936	10	21	<10	4	62
19330	848110	21	<1	0.93	3	29	93	<2	<1	1.35	<4	16	227	15	1.22	0.62	4	0.44	307	4	0.16	19	463	7	<5	12	0.02	<10	30	959	4	22	<10	4	44
19331	848111	17	<1	0.87	2	27	102	<2	<1	1.41	<4	11	119	5	0.97	0.60	4	0.46	301	<1	0.19	14	486	6	<5	6	0.02	<10	31	717	<2	18	<10	5	27
19332	848112	15	1	1.40	12	599	112	<2	2	1.99	4	23	255	348	2.34	0.91	8	0.67	427	45	0.30	20	768	8	<5	<5	0.07	<10	48	1145	<2	29	<10	5	38
19333	848113	8	<1	1.42	<2	32	111	<2	<1	2.50	<4	10	134	15	1.66	1.02	8	0.83	529	8	0.10	12	709	2	<5	<5	0.02	<10	55	1176	<2	24	<10	6	55
19334	848114	15	<1	0.99	<2	27	104	<2	<1	1.14	<4	8	214	14	1.03	0.66	3	0.32	225	5	0.10	9	639	<1	<5	<5	0.02	<10	33	951	<2	19	14	4	22
19335	848115	<5	1	1.03	<2	24	100	<2	2	1.32	<4	6	148	10	1.07	0.72	5	0.39	258	5	0.10	8	643	3	<5	<5	0.02	<10	37	1042	<2	19	<10	4	39
19336	848116	6	<1	1.13	2	23	94	<2	2	2.73	<4	8	202	17	1.65	0.81	6	0.55	452	14	0.10	10	631	11	<5	<5	0.02	<10	61	1098	<2	25	<10	6	32
19337	848117	13	2	1.03	4	22	108	<2	<1	1.13	<4	6	108	8	0.99	0.68	4	0.35	246	4	0.10	7	639	3	<5	<5	0.02	<10	31	982	<2	20	<10	4	20
19338D	848117	7	2	1.01	6	20	105	<2	<1	1.12	<4	6	106	8	0.98	0.67	4	0.35	245	4	0.10	7	654	1	<5	<5	0.02	<10	30	955	<2	19	<10	4	21
19339	848118	6	1	0.99	3	19	95	<2	1	1.01	<4	7	103	14	1.31	0.73	6	0.48	261	5	0.08	9	641	2	<5	<5	0.01	<10	28	1145	<2	22	<10	5	32
19340	848119	<5	<1	0.85	2	19	81	<2	<1	1.17	<4	5	125	5	1.03	0.62	5	0.43	256	5	0.08	9	661	<1	<5	5	0.01	<10	26	1032	<2	20	<10	4	35
19341	848120	20	<1	0.97	2	20	81	<2	<1	1.96	<4	9	149	9	1.76	0.71	5	0.55	374	25	0.09	10	617	3	<5	8	0.01	<10	41	1057	<2	26	<10	6	36
19342	848121	5	<1	0.74	<2	21	71	<2	2	1.17	<4	5	113	5	0.93	0.54	3	0.32	232	18	0.07	7	680	<1	<5	<5	0.01	<10	23	1016	<2	18	<10	4	16
19343	848122	6	1	0.99	<2	16	82	<2	<1	1.11	<4	7	144	12	1.17	0.71	4	0.39	229	5	0.08	8	643	<1	<5	<5	0.01	<10	31	1163	<2	21	<10	4	38
19344	848123	8	2	1.20	4	16	86	<2	<1	1.77	<4	7	148	13	1.40	0.90	6	0.67	418	7	0.09	9	643	3	<5	7	0.01	<10	36	1270	<2	27	<10	5	29
19345	848124	47	2	1.04	4	18	88	<2	3	1.93	<4	8	196	9	1.60	0.74	5	0.62	426	211	0.10	11	701	7	<5	<5	0.01	<10	38	1026	<2	24	<10	5	20
19346	848125	32	<1	0.91	4	15	69	<2	<1	1.62	<4	7	158	5	1.31	0.67	4	0.55	363	18	0.06	9	627	3	<5	<5	0.01	<10	30	957	<2	21	<10	4	20
19347	848126	18	<1	1.24	4	15	89	<2	1	1.33	<4	7	156	8	1.44	0.89	5	0.62	350	7	0.09	9	779	<1	<5	<5	0.01	<10	34	1299	<2	26	<10	4	20

PROCEDURE CODES: ALP1, ALFA2, ALAR1

Certified By: Derek Demchenko B.Sc. Laboratory Manager

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Thursday, February 3, 2011

Certificate of Analysis

Abitibi Mining Corp
711-675 West Hastings St
Vancouver, BC, CAN
V6B 1N2
Ph#: (604) 685-2222

Date Received: 01/24/2011
Date Completed: 02/02/2011
Job #: 201140282
Reference: Redhat
Sample #: 78

Acc #	Client ID	Au ppb	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
19348	848127	15	<1	1.11	<2	16	78	<2	5	1.73	<4	7	136	12	1.42	0.78	4	0.53	358	6	0.08	10	740	1	<5	<5	0.01	<10	37	1176	<2	23	<10	5	35
19349D	848127	8	<1	1.07	2	15	74	<2	<1	1.69	<4	6	129	12	1.39	0.75	4	0.52	351	7	0.07	9	720	<1	<5	<5	0.01	<10	36	1143	<2	23	<10	5	33
19350	848128	225	1	1.28	5	16	101	<2	5	2.11	4	15	148	26	2.76	0.91	6	0.86	501	53	0.08	19	597	10	<5	<5	0.01	<10	46	1118	2	34	<10	5	35
19351	848129	34	1	1.49	3	16	94	<2	<1	2.41	<4	11	150	13	2.06	1.03	7	0.92	533	10	0.10	12	374	4	<5	6	0.01	<10	53	1149	<2	31	<10	4	29
19352	848130	39	<1	1.06	3	17	90	<2	2	1.75	<4	12	192	19	2.08	0.77	5	0.55	380	40	0.08	15	582	5	<5	<5	0.01	<10	28	1046	3	24	<10	4	20
19353	848131	14	<1	1.25	2	17	92	<2	<1	1.95	<4	11	200	20	1.94	0.78	6	0.72	471	8	0.08	14	551	6	<5	<5	0.01	<10	32	1354	<2	31	<10	4	33
19354	848132	25	2	1.42	3	18	124	<2	2	1.77	<4	10	202	19	1.94	1.07	7	0.90	580	120	0.10	14	669	3	<5	<5	0.01	<10	30	1444	<2	35	<10	5	26
19355	848133	22	<1	1.31	2	16	113	<2	2	1.46	<4	10	166	11	1.79	0.97	6	0.69	420	8	0.09	15	724	<1	<5	<5	0.01	<10	30	1522	<2	35	<10	5	27
19356	848134	23	<1	0.99	<2	18	105	<2	2	1.52	<4	11	219	11	1.80	0.72	4	0.46	342	55	0.09	16	742	2	<5	<5	0.01	<10	42	1324	<2	36	<10	5	20
19357	848135	10	<1	1.03	6	16	112	<2	1	1.35	<4	12	161	16	1.71	0.79	5	0.47	339	7	0.08	16	747	2	<5	<5	0.01	<10	27	1319	<2	31	<10	5	20
19358	848136	22	<1	1.06	<2	17	96	<2	2	1.71	<4	13	174	17	1.69	0.71	6	0.54	406	15	0.08	22	692	5	<5	<5	0.01	<10	52	1335	<2	30	<10	5	27
19359	848137	7	1	1.08	5	14	98	<2	<1	1.65	<4	14	173	32	1.44	0.68	5	0.44	330	6	0.07	22	806	<1	<5	<5	0.01	<10	30	1211	<2	27	<10	5	31
19360D	848137	6	<1	1.01	2	15	91	<2	<1	1.56	<4	13	163	29	1.36	0.63	5	0.41	311	6	0.07	20	766	<1	<5	7	0.01	<10	29	1137	<2	26	<10	4	31
19361	848138	56	1	0.96	<2	16	83	<2	<1	1.51	<4	13	153	13	1.61	0.74	5	0.53	368	131	0.08	18	650	18	<5	<5	0.01	<10	27	1198	<2	29	<10	5	28
19362	848139	12	<1	1.17	2	13	103	<2	4	1.22	<4	11	188	29	1.65	0.87	6	0.58	376	8	0.10	17	654	<1	<5	<5	0.01	<10	34	1372	2	32	<10	4	34
19363	848140	22	<1	0.89	2	15	92	<2	2	1.96	<4	14	150	20	1.46	0.68	4	0.43	351	10	0.07	22	681	3	<5	<5	<0.01	<10	43	1075	<2	25	<10	4	35
19364	848141	8	2	1.42	<2	13	156	<2	3	2.34	4	17	189	20	2.39	1.02	9	0.86	452	12	0.11	34	888	2	<5	<5	0.01	<10	39	1537	<2	45	<10	6	39
19365	848142	8	2	1.42	3	16	181	<2	3	2.35	<4	12	193	11	2.27	1.06	9	0.86	420	21	0.12	19	883	3	<5	<5	0.01	<10	34	1621	<2	45	<10	6	50
19366	848143	<5	<1	1.36	3	16	161	<2	2	1.96	<4	13	188	21	2.02	0.94	7	0.71	365	9	0.11	23	1158	<1	<5	<5	0.01	<10	33	1543	<2	42	<10	6	30
19367	848144	103	1	1.41	2	16	128	<2	2	2.47	4	14	188	18	2.78	0.80	9	0.97	475	12	0.09	23	752	<1	<5	<5	0.02	<10	33	1668	<2	46	<10	6	35

PROCEDURE CODES: ALP1, ALFA2, ALAR1

Certified By: [redacted] Laboratory Manager

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Thursday, February 3, 2011

Certificate of Analysis

Abitibi Mining Corp
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Ph#: (604) 685-2222

Date Received: 01/24/2011
Date Completed: 02/02/2011
Job #: 201140282
Reference: Redhat
Sample #: 78

Acc #	Client ID	Au ppb	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
19368	848145	33	1	1.33	2	16	113	<2	<1	2.10	<4	13	183	16	2.14	0.80	7	0.76	381	35	0.10	23	953	<1	<5	<5	0.01	<10	34	1278	<2	39	<10	6	32
19369	848146	<5	<1	1.40	<2	15	148	<2	2	1.81	<4	13	177	17	2.10	1.09	8	0.77	394	9	0.11	23	901	<1	<5	<5	0.01	<10	29	1488	<2	41	<10	6	61
19370	848147	10	<1	1.41	<2	14	165	<2	1	2.08	<4	12	171	13	2.18	0.98	8	0.81	410	10	0.12	19	873	<1	<5	<5	0.02	<10	36	1469	<2	45	<10	6	35
19371D	848147	11	2	1.35	<2	14	157	<2	<1	2.01	<4	11	162	13	2.11	0.95	8	0.79	399	9	0.11	19	940	<1	<5	<5	0.01	<10	34	1410	<2	44	<10	6	33
19372	848148	8	<1	1.42	<2	15	161	<2	<1	2.19	<4	11	135	10	2.13	0.99	8	0.78	392	9	0.10	20	935	1	<5	<5	0.01	<10	31	1403	3	40	<10	6	34
19373	848149	49	<1	1.15	<2	16	127	<2	1	1.93	<4	11	263	13	2.21	0.68	6	0.67	330	89	0.09	20	1229	1	<5	<5	0.01	<10	34	1386	<2	41	<10	6	24
19374	848150	6	2	1.43	<2	14	163	<2	1	2.24	<4	12	236	18	2.28	1.00	8	0.87	408	10	0.10	21	1296	3	<5	<5	0.01	<10	36	1623	<2	44	<10	7	35
19375	848151	513	15	0.99	418	13	50	2	5	0.05	53	5	181	605	6.66	0.23	6	0.82	204	22	0.03	7	<100	2100	29	<5	<0.01	<10	5	<100	<2	<2	56	11	8786
19376	848152	19	<1	1.34	3	14	164	<2	<1	2.01	4	12	223	16	2.33	1.03	8	0.81	380	27	0.09	22	898	<1	<5	<5	0.01	<10	31	1664	<2	46	<10	6	60
19377	848153	<5	<1	1.38	<2	16	159	<2	<1	1.91	<4	12	251	12	2.25	1.02	8	0.81	382	9	0.10	20	930	<1	<5	<5	0.01	<10	33	1762	<2	44	<10	6	43
19378	848154	10	<1	1.47	<2	14	144	<2	2	2.40	4	12	291	16	2.41	0.93	9	0.93	457	14	0.11	22	861	3	<5	<5	0.02	<10	44	1664	<2	46	<10	6	44
19379	848155	<5	<1	1.33	<2	15	116	<2	<1	2.61	<4	9	223	10	1.92	0.96	8	0.85	468	9	0.08	17	817	6	<5	<5	0.01	<10	41	1427	<2	35	<10	6	32
19380	848156	59	<1	1.39	<2	16	141	<2	<1	2.20	<4	10	220	8	2.16	1.05	8	0.91	438	53	0.10	20	963	3	<5	<5	0.01	<10	35	1515	<2	43	<10	6	34
19381	848157	90	<1	1.31	<2	15	132	<2	4	2.63	<4	11	333	18	2.26	0.94	8	0.92	475	140	0.11	22	818	<1	<5	<5	0.01	<10	38	1145	<2	38	<10	5	30
19382D	848157	89	<1	1.22	<2	14	123	<2	<1	2.49	<4	10	306	17	2.13	0.89	7	0.87	449	134	0.10	20	792	2	<5	<5	0.01	<10	36	1061	<2	35	<10	5	28
19383	848158	5	<1	1.34	<2	14	151	<2	4	2.35	<4	10	287	15	1.98	0.94	8	0.86	412	11	0.12	19	900	3	<5	<5	0.01	<10	36	1152	<2	38	<10	6	27
19384	848159	9	3	1.36	<2	13	137	<2	2	2.66	<4	11	308	12	2.21	1.02	9	0.99	494	16	0.11	20	770	2	<5	<5	0.02	<10	42	1206	<2	42	17	6	31
19385	848160	<5	<1	1.23	2	12	117	<2	1	2.07	<4	10	191	13	1.87	0.91	8	0.84	463	24	0.10	17	748	<1	<5	<5	0.01	<10	29	1094	<2	36	<10	5	28
19386	848161	8	<1	0.71	<2	13	65	<2	<1	1.34	<4	9	173	15	1.16	0.45	3	0.33	272	16	0.10	14	894	2	<5	<5	0.01	<10	30	627	<2	20	<10	4	14
19387	848162	25	<1	1.20	3	13	79	<2	<1	3.86	4	15	139	35	2.68	0.89	7	0.76	698	45	0.08	24	713	2	<5	<5	0.01	<10	106	1136	<2	31	<10	6	52

PROCEDURE CODES: ALP1, ALFA2, ALAR1

Certified By: Derek Demianiuk H.Bsc. Laboratory Manager

Thursday, February 3, 2011

Certificate of Analysis

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V6B 1N2
Ph#: (604) 685-2222

Date Received: 01/24/2011
Date Completed: 02/02/2011
Job #: 201140282
Reference: Redhat
Sample #: 78

Acc #	Client ID	Au ppb	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
19388	848163	11	1	1.46	3	14	97	<2	<1	2.60	4	12	161	25	2.42	0.88	9	1.01	710	10	0.10	22	729	6	<5	<5	0.02	<10	44	1197	<2	41	<10	6	51
19389	848164	12	<1	1.61	<2	15	126	<2	8	3.16	4	11	188	24	2.54	1.02	11	1.14	804	15	0.13	22	818	3	<5	<5	0.02	<10	59	1273	<2	44	<10	7	38
19390	848165	12	2	1.56	<2	16	107	<2	2	3.65	4	13	208	14	2.71	0.78	11	1.27	896	13	0.12	20	731	<1	<5	<5	0.03	<10	74	960	<2	46	<10	7	46
19391	848166	15	<1	2.08	2	15	195	<2	4	3.87	6	18	172	36	3.53	1.46	15	1.43	1110	17	0.14	28	760	5	<5	<5	0.03	<10	56	1561	3	58	<10	9	68
19392	848167	18	<1	1.75	<2	15	165	<2	5	3.30	5	16	172	38	3.17	1.04	13	1.20	1017	31	0.10	24	817	16	<5	<5	0.02	<10	45	1278	<2	48	<10	8	59
19393R	848167	18	<1	1.74	3	14	167	<2	2	3.28	5	16	180	37	3.19	1.05	13	1.20	1018	33	0.10	25	816	12	<5	<5	0.02	<10	45	1288	<2	49	<10	8	60
19394	848168	65	1	1.71	2	15	162	2	3	2.21	8	18	188	34	4.94	0.88	9	0.98	1240	21	0.11	68	767	4	<5	<5	0.02	<10	41	1241	<2	54	12	7	115
19395	848169	124	1	2.35	3	16	211	3	5	2.72	13	25	189	22	8.21	1.33	17	1.40	2528	31	0.13	40	786	11	<5	<5	0.03	<10	60	1501	<2	72	<10	8	159
19396	848170	<5	1	2.24	<2	16	220	2	3	2.24	8	21	183	16	4.66	1.80	16	1.28	766	18	0.14	33	751	5	<5	<5	0.03	<10	30	1948	<2	60	<10	7	193
19397	848171	5	<1	1.23	2	16	139	<2	2	1.75	<4	13	199	21	1.90	0.86	7	0.62	487	8	0.10	19	743	3	<5	<5	0.01	<10	31	1544	<2	37	<10	5	46
19398	848172	6	<1	1.81	2	16	187	2	5	3.01	7	15	187	20	4.48	1.33	10	1.06	1283	15	0.12	23	626	6	<5	<5	0.02	<10	53	1436	<2	42	<10	6	125
19399	848173	108	<1	2.15	5	15	106	<2	5	4.94	6	23	336	28	3.44	0.79	15	3.05	874	24	0.07	122	1947	3	<5	<5	0.03	<10	303	855	4	64	<10	9	93
19400	848174	174	<1	1.92	4	12	97	2	2	3.31	8	25	245	52	5.12	0.57	9	2.06	1294	24	0.08	83	1395	8	<5	<5	0.03	<10	151	889	9	61	<10	7	98
19401	848175	6	3	1.35	<2	12	101	<2	<1	1.72	5	11	154	13	3.00	0.72	6	0.60	947	10	0.09	20	712	4	<5	<5	0.01	<10	29	1105	<2	30	<10	5	70
19402	848176	7	1	1.59	<2	13	100	<2	3	2.26	6	16	159	41	3.83	0.92	8	0.85	1073	13	0.10	22	754	3	<5	<5	0.01	<10	39	1322	<2	43	<10	5	119
19403	848177	11	<1	1.25	4	13	70	<2	2	2.61	<4	11	143	23	2.18	0.45	7	0.78	739	12	0.08	20	791	1	<5	<5	0.02	<10	57	778	<2	36	<10	5	37
19404D	848177	10	<1	1.18	3	11	64	<2	<1	2.50	<4	10	133	23	2.09	0.42	7	0.74	708	11	0.07	19	791	<1	<5	<5	0.02	<10	54	690	<2	34	<10	5	37
19405	848178	8	2	1.13	<2	12	84	<2	<1	1.83	<4	9	93	13	1.96	0.68	7	0.59	550	7	0.07	19	874	3	<5	<5	<0.01	<10	32	1036	<2	33	<10	5	37
19406	848179	7	<1	0.96	6	12	69	<2	<1	2.03	<4	11	136	21	1.70	0.54	5	0.56	622	8	0.07	23	789	<1	<5	<5	<0.01	<10	46	950	<2	30	<10	5	27
19407	848180	25	<1	1.62	2	11	96	<2	<1	2.41	6	15	112	20	3.83	1.01	10	1.00	989	14	0.07	26	838	5	<5	<5	0.01	<10	48	1359	2	48	<10	6	140

PROCEDURE CODES: ALP1, ALFA2, ALAR1

Certified By: Derek Demianiuk H.Bsc. Laboratory Manager

ACCURASSAY LABORATORIES
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Thunder Bay, ON
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Thursday, February 3, 2011

Certificate of Analysis

Abitibi Mining Corp
711-675 West Hastings St
Vancouver, BC, CAN
V6B 1N2
Ph#: (604) 685-2222

Date Received: 01/24/2011
Date Completed: 02/02/2011
Job #: 201140282
Reference: Redhat
Sample #: 78

Acc #	Client ID	Au ppb	Ag ppm	Al %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	Tl ppm	V ppm	W ppm	Y ppm	Zn ppm
19408	848181	6	<1	1.31	<2	15	93	<2	3	2.58	<4	11	148	20	2.13	0.82	8	0.87	695	10	0.08	18	734	<1	<5	<5	0.01	<10	40	1109	<2	37	<10	5	38
19409	848182	7	1	1.33	<2	14	124	<2	<1	2.28	<4	10	131	9	2.06	0.95	8	0.78	711	9	0.10	18	801	<1	<5	<5	0.01	<10	37	1405	<2	41	<10	5	44
19410	848183	6	<1	2.33	<2	12	137	2	4	1.88	8	17	145	22	5.58	1.10	13	1.01	1365	17	0.15	28	839	5	<5	<5	0.02	<10	62	1518	<2	53	<10	6	142
19411	848184	15	<1	2.41	<2	14	166	2	6	1.64	10	19	154	20	6.30	1.28	11	1.03	1429	20	0.17	30	899	9	<5	<5	0.03	<10	49	1674	<2	61	<10	6	149
19412	848185	247	<1	1.33	4	12	148	<2	1	1.71	4	12	139	26	2.68	0.97	7	0.79	734	28	0.10	22	898	2	<5	<5	0.01	<10	26	1438	<2	45	<10	6	47

PROCEDURE CODES: ALP1, ALFA2, ALAR1

Certified By: Derek Demianiuk H.Bsc. Laboratory Manager

The results included on this report relate only to the items tested
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Tuesday, February 15, 2011

Certificate of Analysis

Abitibi Mining Corp
711-675 West Hastings St
Vancouver, BC, CAN
V6B 1N2
Ph#: (604) 685-2222

Date Received: 02/01/2011
Date Completed: 02/15/2011
Job #: 201140462
Reference: REDHAT CENTRE FIRE
Sample #: 215

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
30649	848186	<5	<0.001	<0.005
30650	848187	<5	<0.001	<0.005
30651	848188	<5	<0.001	<0.005
30652	848189	<5	<0.001	<0.005
30653	848190	<5	<0.001	<0.005
30654	848191	<5	<0.001	<0.005
30655	848192	<5	<0.001	<0.005
30656	848193	<5	<0.001	<0.005
30657	848194	<5	<0.001	<0.005
30658	848195	38	0.001	0.038
30659 Dup	848195	27	<0.001	0.027
30660	848196	<5	<0.001	<0.005
30661	848197	<5	<0.001	<0.005
30662	848198	<5	<0.001	<0.005
30663	848199	28	<0.001	0.028
30664	848200	64	0.002	0.064
30665	848201	1582	0.046	1.582
30666	848202	152	0.004	0.152
30667	848203	38	0.001	0.038
30668	848204	22	<0.001	0.022
30669	848205	11	<0.001	0.011
30670 Dup	848205	12	<0.001	0.012
30671	848206	258	0.008	0.258
30672	848207	145	0.004	0.145
30673	848208	220	0.006	0.220
30674	848209	237	0.007	0.237
30675	848210	82	0.002	0.082
30676	848211	94	0.003	0.094
30677	848212	84	0.002	0.084
30678	848213	10	<0.001	0.010

PROCEDURE CODES: ALP1, ALFA2, ALAR1

Certified By: Derek Demianiuk H.Bsc., Laboratory Manager

Tuesday, February 15, 2011

Certificate of Analysis

Abitibi Mining Corp
711-675 West Hastings St
Vancouver, BC, CAN
V6B 1N2
Ph#: (604) 685-2222

Date Received: 02/01/2011
Date Completed: 02/15/2011
Job #: 201140462
Reference: REDHAT CENTRE FIRE
Sample #: 215

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
30679	848214	51	0.001	0.051
30680	848215	97	0.003	0.097
30681 Dup	848215	112	0.003	0.112
30682	848216	207	0.006	0.207
30683	848217	144	0.004	0.144
30684	848218	57	0.002	0.057
30685	848219	<5	<0.001	<0.005
30686	848220	<5	<0.001	<0.005
30687	848221	<5	<0.001	<0.005
30688	848222	5	<0.001	0.005
30689	848223	<5	<0.001	<0.005
30690	848224	7	<0.001	0.007
30691	848225	26	<0.001	0.026
30692 Dup	848225	25	<0.001	0.025
30693	848226	8	<0.001	0.008
30694	848227	321	0.009	0.321
30695	848228	219	0.006	0.219
30696	848229	9174	0.268	9.174
30697	848230	34	<0.001	0.034
30698	848231	6	<0.001	0.006
30699	848232	9	<0.001	0.009
30700	848233	9	<0.001	0.009
30701	848234	3364	0.098	3.364
30702	848235	113	0.003	0.113
30703 Dup	848235	116	0.003	0.116
30704	848236	13	<0.001	0.013
30705	848237	47	0.001	0.047
30706	848238	15	<0.001	0.015
30707	848239	<5	<0.001	<0.005
30708	848240	6	<0.001	0.006

PROCEDURE CODES: ALP1, ALFA2, ALAR1

Certified By: Derek Dionisotti H.Bsc., Laboratory Manager

Tuesday, February 15, 2011

Certificate of Analysis

Abitibi Mining Corp
711-675 West Hastings St
Vancouver, BC, CAN
V6B 1N2
Ph#: (604) 685-2222

Date Received: 02/01/2011
Date Completed: 02/15/2011
Job #: 201140462
Reference: REDHAT CENTRE FIRE
Sample #: 215

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
30709	848241	32	<0.001	0.032
30710	848242	60	0.002	0.060
30711	848243	89	0.003	0.089
30712	848244	31	<0.001	0.031
30713	848245	152	0.004	0.152
30714 Rep	848245	187	0.005	0.187
30715	848246	58	0.002	0.058
30716	848247	18	<0.001	0.018
30717	848248	32	<0.001	0.032
30718	848249	97	0.003	0.097
30719	848250	134	0.004	0.134
30720	848251	375	0.011	0.375
30721	848252	<5	<0.001	<0.005
30722	848253	69	0.002	0.069
30723	848254	175	0.005	0.175
30724	848255	7	<0.001	0.007
30725 Dup	848255	<5	<0.001	<0.005
30726	848256	<5	<0.001	<0.005
30727	848257	15	<0.001	0.015
30728	848258	50	0.001	0.050
30729	848259	<5	<0.001	<0.005
30730	848260	<5	<0.001	<0.005
30731	848261	<5	<0.001	<0.005
30732	848262	9	<0.001	0.009
30733	848263	<5	<0.001	<0.005
30734	848264	10	<0.001	0.010
30735	848265	40	0.001	0.040
30736 Dup	848265	55	0.002	0.055
30737	848266	6	<0.001	0.006
30738	848267	33	<0.001	0.033

PROCEDURE CODES: ALP1, ALFA2, ALAR1

Certified By: Donna Dumouchel, H.Bsc., Laboratory Manager

Tuesday, February 15, 2011

Certificate of Analysis

Abitibi Mining Corp
711-675 West Hastings St
Vancouver, BC, CAN
V6B 1N2
Ph#: (604) 685-2222

Date Received: 02/01/2011
Date Completed: 02/15/2011
Job #: 201140462
Reference: REDHAT CENTRE FIRE
Sample #: 215

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
30739	848268	37	0.001	0.037
30740	848269	81	0.002	0.081
30741	848270	56	0.002	0.056
30742	848271	70	0.002	0.070
30743	848272	50	0.001	0.050
30744	848273	18	<0.001	0.018
30745	848274	24	<0.001	0.024
30746	848275	14	<0.001	0.014
30747 Dup	848275	11	<0.001	0.011
30748	848276	78	0.002	0.078
30749	848277	26	<0.001	0.026
30750	848278	12	<0.001	0.012
30751	848279	9	<0.001	0.009
30752	848280	7	<0.001	0.007
30753	848281	40	0.001	0.040
30754	848282	33	<0.001	0.033
30755	848283	11	<0.001	0.011
30756	848284	6	<0.001	0.006
30757	848285	21	<0.001	0.021
30758 Dup	848285	18	<0.001	0.018
30759	848286	238	0.007	0.238
30760	848287	19	<0.001	0.019
30761	848288	29	<0.001	0.029
30762	848289	<5	<0.001	<0.005
30763	848290	<5	<0.001	<0.005
30764	848291	<5	<0.001	<0.005
30765	848292	32	<0.001	0.032
30766	848293	30	<0.001	0.030
30767	848294	9	<0.001	0.009
30768	848295	15	<0.001	0.015

PROCEDURE CODES: ALP1, ALFA2, ALAR1

Certified By:

Tuesday, February 15, 2011

Certificate of Analysis

Abitibi Mining Corp
711-675 West Hastings St
Vancouver, BC, CAN
V6B 1N2
Ph#: (604) 685-2222

Date Received: 02/01/2011
Date Completed: 02/15/2011
Job #: 201140462
Reference: REDHAT CENTRE FIRE
Sample #: 215

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
30769 Dup	848295	15	<0.001	0.015
30770	848296	25	<0.001	0.025
30771	848297	39	0.001	0.039
30772	848298	<5	<0.001	<0.005
30773	848299	82	0.002	0.082
30774	848300	7	<0.001	0.007
30775	848301	401	0.012	0.401
30776	848302	<5	<0.001	<0.005
30777	848303	10	<0.001	0.010
30778	848304	39	0.001	0.039
30779	848305	11	<0.001	0.011
30780 Rep	848305	14	<0.001	0.014
30781	848306	10	<0.001	0.010
30782	848307	25	<0.001	0.025
30783	848308	67	0.002	0.067
30784	848309	14	<0.001	0.014
30785	848310	39	0.001	0.039
30786	848311	234	0.007	0.234
30787	848312	27	<0.001	0.027
30788	848313	19	<0.001	0.019
30789	848314	27	<0.001	0.027
30790	848315	42	0.001	0.042
30791 Dup	848315	54	0.002	0.054
30792	848316	<5	<0.001	<0.005
30793	848317	799	0.023	0.799
30794	848318	<5	<0.001	<0.005
30795	848319	8	<0.001	0.008
30796	848320	17	<0.001	0.017
30797	848321	7	<0.001	0.007
30798	848322	5	<0.001	0.005

PROCEDURE CODES: ALP1, ALFA2, ALAR1

Certified By: Derek Dumaresq (H.Sc., Laboratory Manager)

Tuesday, February 15, 2011

Certificate of Analysis

Abitibi Mining Corp
711-675 West Hastings St
Vancouver, BC, CAN
V6B 1N2
Ph#: (604) 685-2222

Date Received: 02/01/2011
Date Completed: 02/15/2011
Job #: 201140462
Reference: REDHAT CENTRE FIRE
Sample #: 215

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
30799	848323	<5	<0.001	<0.005
30800	848324	<5	<0.001	<0.005
30801	848325	<5	<0.001	<0.005
30802 Dup	848325	<5	<0.001	<0.005
30803	848326	<5	<0.001	<0.005
30804	848327	<5	<0.001	<0.005
30805	848328	<5	<0.001	<0.005
30806	848329	<5	<0.001	<0.005
30807	848330	<5	<0.001	<0.005
30808	848331	<5	<0.001	<0.005
30809	848332	30	<0.001	0.030
30810	848333	<5	<0.001	<0.005
30811	848334	<5	<0.001	<0.005
30812	848335	<5	<0.001	<0.005
30813 Dup	848335	<5	<0.001	<0.005
30814	848336	<5	<0.001	<0.005
30815	848337	<5	<0.001	<0.005
30816	848338	<5	<0.001	<0.005
30817	848339	<5	<0.001	<0.005
30818	848340	<5	<0.001	<0.005
30819	848341	<5	<0.001	<0.005
30820	848342	<5	<0.001	<0.005
30821	848343	<5	<0.001	<0.005
30822	848344	6	<0.001	0.006
30823	848345	<5	<0.001	<0.005
30824 Dup	848345	<5	<0.001	<0.005
30825	848346	<5	<0.001	<0.005
30826	848347	<5	<0.001	<0.005
30827	848348	5	<0.001	0.005
30828	848349	<5	<0.001	<0.005

PROCEDURE CODES: ALP1, ALFA2, ALAR1

Certified By: Derek Demkiw H.Bsc. Laboratory Manager

Tuesday, February 15, 2011

Certificate of Analysis

Abitibi Mining Corp
711-675 West Hastings St
Vancouver, BC, CAN
V6B 1N2
Ph#: (604) 685-2222

Date Received: 02/01/2011
Date Completed: 02/15/2011
Job #: 201140462
Reference: REDHAT CENTRE FIRE
Sample #: 215

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
30829	848350	<5	<0.001	<0.005
30830	848351	474	0.014	0.474
30831	848352	<5	<0.001	<0.005
30832	848353	10	<0.001	0.010
30833	848354	7	<0.001	0.007
30834	848355	<5	<0.001	<0.005
30835 Dup	848355	6	<0.001	0.006
30836	848356	<5	<0.001	<0.005
30837	848357	<5	<0.001	<0.005
30838	848358	<5	<0.001	<0.005
30839	848359	<5	<0.001	<0.005
30840	848360	<5	<0.001	<0.005
30841	848361	<5	<0.001	<0.005
30842	848362	<5	<0.001	<0.005
30843	848363	<5	<0.001	<0.005
30844	848364	<5	<0.001	<0.005
30845	848365	<5	<0.001	<0.005
30846 Rep	848365	<5	<0.001	<0.005
30847	848366	<5	<0.001	<0.005
30848	848367	5	<0.001	0.005
30849	848368	<5	<0.001	<0.005
30850	848369	<5	<0.001	<0.005
30851	848370	<5	<0.001	<0.005
30852	848371	<5	<0.001	<0.005
30853	848372	<5	<0.001	<0.005
30854	848373	<5	<0.001	<0.005
30855	848374	<5	<0.001	<0.005
30856	848375	<5	<0.001	<0.005
30857 Dup	848375	<5	<0.001	<0.005
30858	848376	<5	<0.001	<0.005

PROCEDURE CODES: ALP1, ALFA2, ALAR1

Certified By: Derek Dorwart, M.Sc., Laboratory Manager

Tuesday, February 15, 2011

Certificate of Analysis

Abitibi Mining Corp
711-675 West Hastings St
Vancouver, BC, CAN
V6B 1N2
Ph#: (604) 685-2222

Date Received: 02/01/2011
Date Completed: 02/15/2011
Job #: 201140462
Reference: REDHAT CENTRE FIRE
Sample #: 215

Acc #	Client ID	Au ppb	Au oz/t	Au g/t (ppm)
30859	848377	6	<0.001	0.006
30860	848378	<5	<0.001	<0.005
30861	848379	<5	<0.001	<0.005
30862	848380	<5	<0.001	<0.005
30863	848381	<5	<0.001	<0.005
30864	848382	<5	<0.001	<0.005
30865	848383	5	<0.001	0.005
30866	848384	7	<0.001	0.007
30867	848385	75	0.002	0.075
30868 Dup	848385	78	0.002	0.078
30869	848386	<5	<0.001	<0.005
30870	848387	5	<0.001	0.005
30871	848388	<5	<0.001	<0.005
30872	848389	<5	<0.001	<0.005
30873	848390	<5	<0.001	<0.005
30874	848391	<5	<0.001	<0.005
30875	848392	<5	<0.001	<0.005
30876	848393	<5	<0.001	<0.005
30877	848394	6	<0.001	0.006
30878	848395	<5	<0.001	<0.005
30879 Dup	848395	<5	<0.001	<0.005
30880	848396	<5	<0.001	<0.005
30881	848397	<5	<0.001	<0.005
30882	848398	6	<0.001	0.006
30883	848399	<5	<0.001	<0.005
30884	848400	Insufficient Sample		

PROCEDURE CODES: ALP1, ALFA2, ALAR1

Certified By: Derek Demianiuk H.BSc., Laboratory Manager

The rock samples are first entered into Accurassay Laboratories Local Information System (LIMS). The samples are dried, if necessary and then jaw crushed to –8mesh, riffle split, a 250 to 400 gram cut is taken and pulverized to 90%-150 mesh, and then matted to ensure homogeneity. Silica sand is used to clean out the pulverizing dishes between each sample to prevent cross contamination. For soils the sample is dried and screened through –80 mesh. The –80 portion is fired in the assay lab. For humus, it is dried and the entire sample is blended until larger parts are broken down and then sent to fire assay. The homogeneous sample is then fired in the fire assay lab. The sample is mixed with a lead based flux and fused for an appropriate length of time. The fusing process results is a lead button, which is then placed in a cupelling furnace where all of the lead is absorbed by the cupel and a silver bead, which contains any gold, platinum and palladium, is left in the cupel. The cupel is removed from the furnace and allowed to cool. Once the cupel has cooled sufficiently, the silver bead is placed in an appropriately labeled small test tube and digested using a 1:3 ration of nitric acid to hydrochloric acid. The samples are bulked up with 1.0 mls of distilled deionized water and 1.0 mls of 1% digested lanthanum solution. The total volume is 3.0 mls. The samples cool and are vortexed. The contents are allowed to settle. Once the samples have settled they are analyzed for gold, platinum and palladium using atomic absorption spectroscopy. The atomic absorption spectroscopy unit is calibrated for each element using the appropriate ISO 9002 certified standards in an air-acetylene flame. The results for the atomic absorption are checked by the technician and then forwarded to data entry by means of electronic transfer and a certificate is produced. The Laboratory Manager checks the data and validates it if it is error free. The results are then forwarded to the client by fax, email, floppy or zip disk, or by hardcopy in the mail. NOTE: This method may be altered according to the client's demands. All changes in the method will be discussed with the client and approved by the laboratory manager.

Base metal samples are prepped in the same way as precious metals but are digested using a multi acid digest (HNO_3, HF, HCl). The samples are bulked up with 2.0 mls of hydrochloric acid and brought to a final volume of 10.0 mls with distilled deionized water. The samples are vortexed and allowed to settle. Once the samples have settled they are analyzed for copper, nickel and cobalt using atomic absorption spectroscopy.

Quality Control

Accurassay Laboratories employs an internal quality control system that tracks certified reference materials and in-house quality assurance standards. Accurassay Laboratories uses a combination of reference materials, including reference materials purchased from CANMET, standards created in-house by the laboratory, and certified calibration standards. Should any of the standards not fall within an acceptable range, reassays will be performed with a new certified reference material. The number of reassays depends on how far the certified reference material falls outside it's acceptable range.

Additionally, Accurassay Laboratories verifies the accuracy of any measuring or dispensing device (i.e scales, dispensers, pipettes, etc.) on a daily basis and are corrected as required.

APPENDIX 3 - Drill Sections and Plan

DDH Location Map (1:5 000)

Section 424800 (1:1 000)

537,000 mE
538,000 mE
539,000 mE
540,000 mE
541,000 mE
542,000 mE
543,000 mE
544,000 mE

5,541,000 mN
5,540,000 mN
5,539,000 mN
5,538,000 mN
5,537,000 mN

4244562
1199802
4244561
4246434
4245084
1199803
4246437
4244566
4244567
4245087
4246432
4246438
4246439
4246440
4244563
4245085
4245086
4244564
4244565
4207453
4207452
4207451

CF11-01
RH11-03
RH11-02
RH11-01
RH11-04

Hydro Line
Centrefire Lake
Kathlyn Road
Red Hat Lake
MCILRAITH
WEBB
LOMOND
ECHO

Magnetic Declination of 17°06'W
MAGNETIC
TRUE

2.48010

ABITIBI MINING CORP.

Red Hat & Centrefire Property

Drill Hole Location Map

MAP 1

Date:15/3/2011	
Author:	
Office:	
Drawing:	
Scale: 1:10000	Projection: UTM Zone 15 (NAD 83)

0 125 250 500
metres

RH11-01

RH11-01

14

00

3a

195.2 m

400mRL

300mRL

200mRL

5,538,200mN

HoleID

Au_PPB
Text

Lithology
Text

Lithology
Trace Shade

EOH

14 Overburden

3a Intermediate Vol
- Dacite

3x Chlorite Altered Dacite

2a Felsic Volcanic

9a Gabbro

Legend for Lithology

2.48010

ABITIBI MINING CORP.

Red Hat Drill Hole RH01-01
SECTION 540350 mE

Map 2
Claim 4244565

Date:16/3/2011

Author: AT

Office:

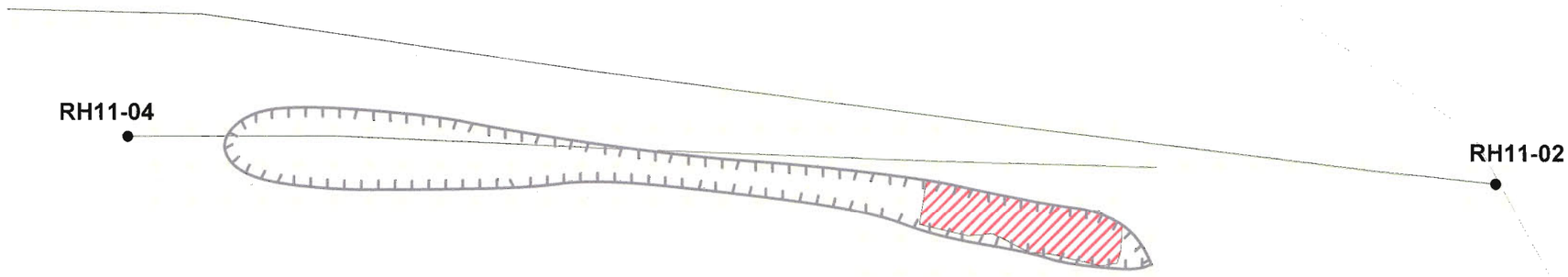
Drawing:RH_Map2

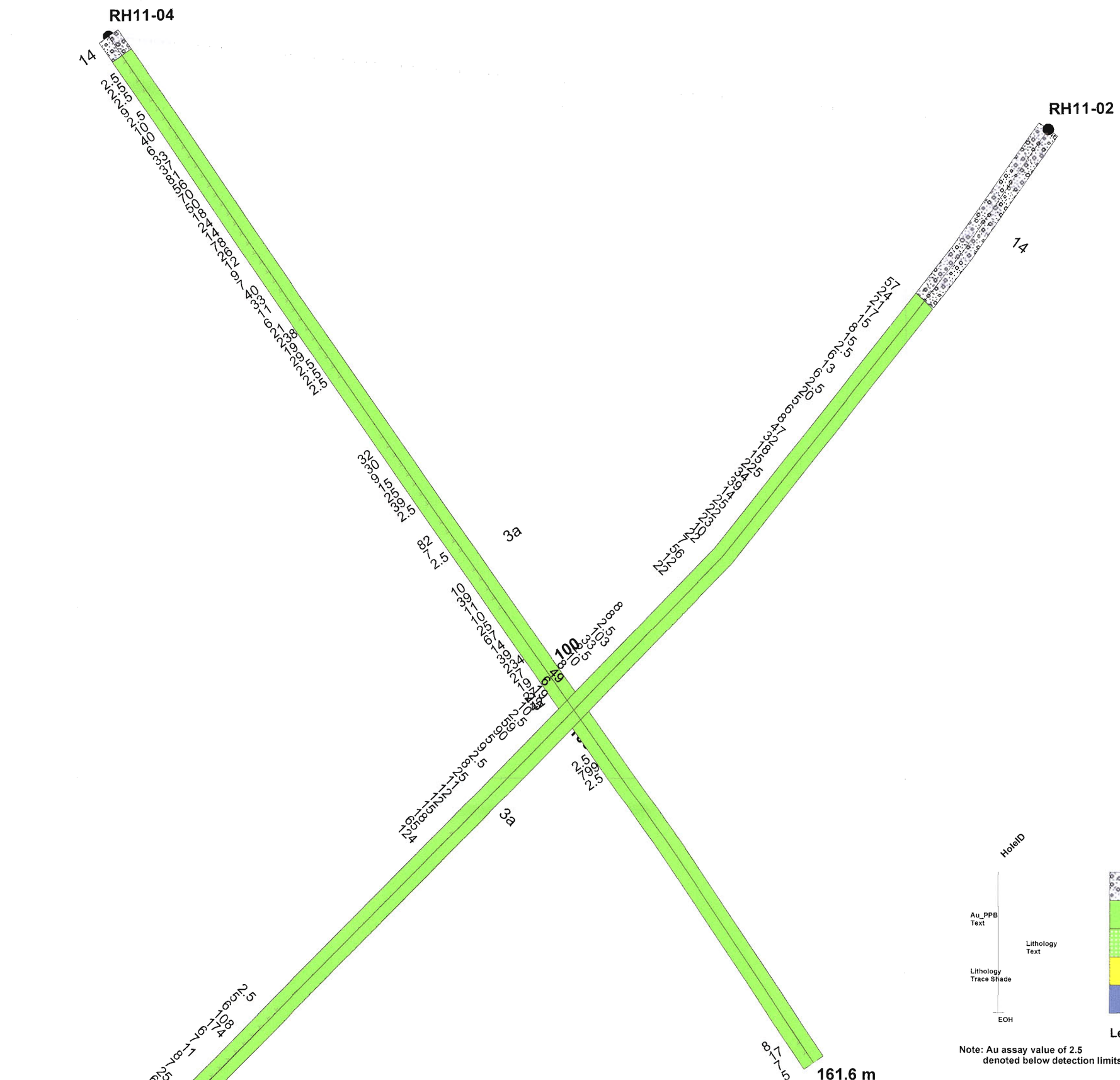
Scale: 1:500

Projection: Non-Earth (meters)

0 7.5 15 30

metres





HoleID

Au_PPB Text

Lithology Text

Lithology Trace Shade

EOH

- 14 Overburden
- 3a Intermediate Vol - Dacite
- 3x Intermediate Volcanic - chlorite altered
- 2a Felsic Volcanic
- 9a Gabbro

Legend for Lithology

Note: Au assay value of 2.5 denoted below detection limits

2.480 10

ABITIBI MINING CORP.

Red Hat Drill Hole RH11-02 and Drill Hole RH11-04 SECTION 540565 mE Map 3 Claim 4244565

Date: 16/3/2011

Author: AT

Office:

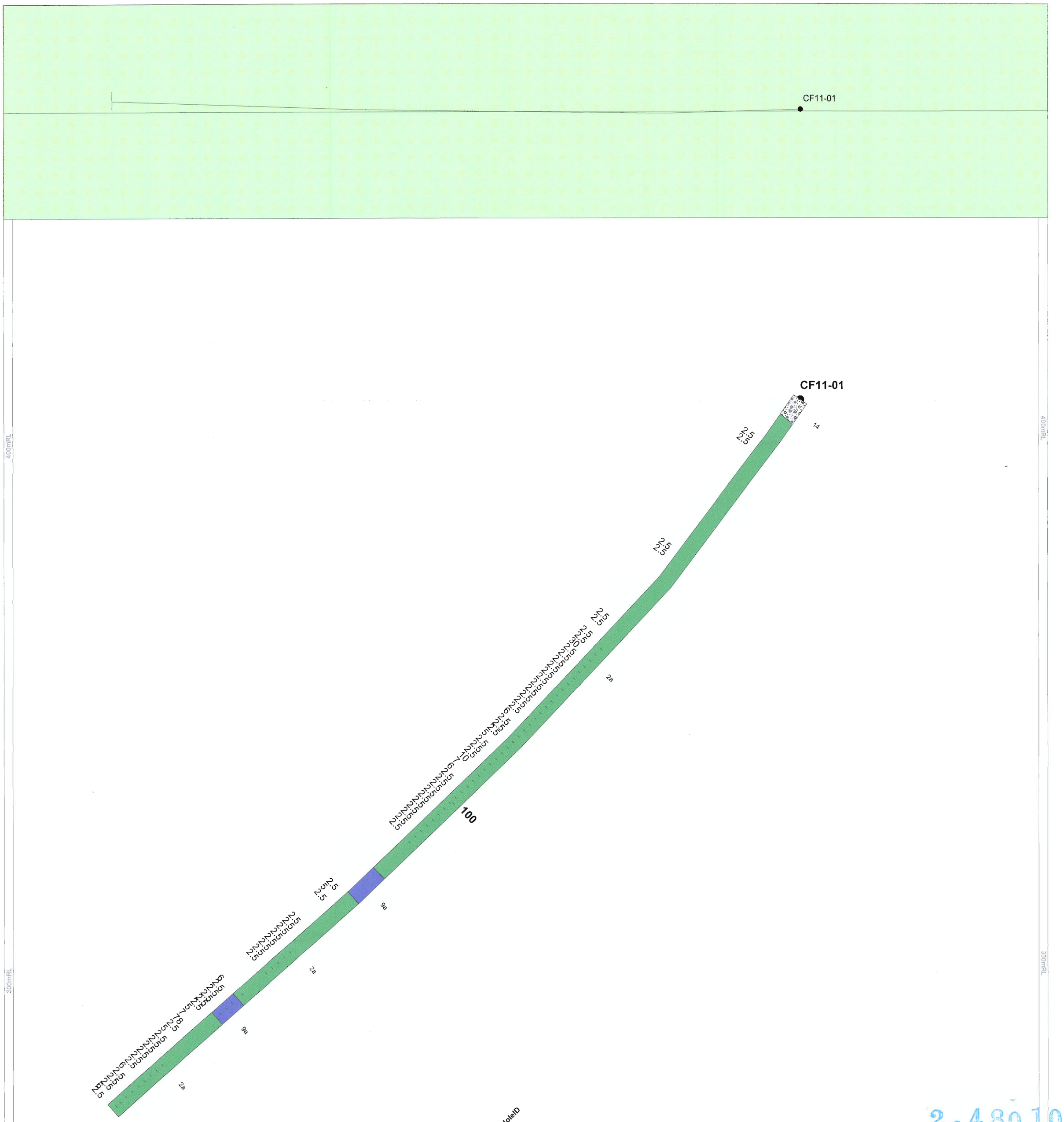
Drawing: RH_Map3

Scale: 1:500

Projection: Non-Earth (meters)

0 7.5 15 30

metres



HoleID

Au_PPB Text

Lithology Text

Lithology Trace Shade

EOH

Legend for Lithology

- 14 Overburden
- 3a Intermediate Vol - Dacite
- 3x Intermediate Volcanic - chlorite altered
- 2a Mafic Volcanic
- 9a Gabbro

NOTE: Au assays values of 2.5 ppb denote below detection limits

2.48010

ABITIBI MINING CORP.

Centrefire Drill Hole CF11-01 SECTION 543043E

MAP 4

Claim 4244561

Date:16/3/2011

Author: AT

Office:

Drawing: RHMAP5

Scale: 1:500

Projection: Non-Earth (meters)

0 7.5 15 30

metres

McILraith Twp

Webb Twp

RH11-03

RH11-03

14

3a

100

3x

3a

3x

3a

3x

3a

198.2m

400mRL

300mRL

538,600mE

5,538,700mN

HoleID

Au_PPB
Text

Lithology
Text

Lithology
Trace Shade

EOH

14 Overburden

3a Intermediate Vol
- Dacite

3x Intermediate Volcanic
- chlorite altered

2a Felsic Volcanic

9a Gabbro

Legend for Lithology

Note: Assay values of 2.5 ppb
denote below analytic detection limits

2.480 10

ABITIBI MINING CORP.

Red Hat Drill Hole RH01-03
SECTION 538620 mE

Map 5
Claim 4245086

Date:16/3/2011

Author: AT

Office:

Drawing:RH_Map2

Scale: 1:500

Projection: Non-Earth (meters)

0 7.5 15 30

metres