



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

**ASSESSMENT REPORT**  
**TITLE PAGE AND SUMMARY**

<b>TITLE OF REPORT [type of survey(s)]</b>	<b>TOTAL COST</b>
Geological,Geochemical Report, Jacobie Lake Prospect	\$9,223

AUTHOR(S) P.E.Fox PhD,P.Eng SIGNATURE(S) 

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) \_\_\_\_\_ YEAR OF WORK 2011

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) Event # 4866675 dated May 26 2011

PROPERTY NAME Jacie Lake

CLAIM NAME(S) (on which work was done) 835294,  
607451

COMMODITIES SOUGHT Copper

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN 93A066

MINING DIVISION Cariboo NTS 93A12

LATITUDE 52 ° 21', \_\_\_\_\_ " LONGITUDE 121 ° 42', \_\_\_\_\_ " (at centre of work)

OWNER(S)

1) Eagle Peak Resources 2) \_\_\_\_\_

MAILING ADDRESS  
413-595 Burrard St

Vancouver, BC V7X 1G4

OPERATOR(S) [who paid for the work]

1) Eagle Peak Resources 2) \_\_\_\_\_

MAILING ADDRESS

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

Chalcocite and widely dispersed malachite and azurite in massive basalt breccia.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS \_\_\_\_\_

Kulla, G.,2001.Geological and Geochemical report on the Morehead Property. . Aris assessment report 26614.

(OVER)

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (IN METRIC UNITS)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping	compilation and mapping, 2 sq Km, 1:1000	835294	1500
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic			
Electromagnetic			
Induced Polarization			
Radiometric			
Seismic			
Other			
Airborne			
GEOCHEMICAL			
(number of samples analysed for ...)			
Soil	77 samples, 36 elements ICP MS		7,123
Silt			
Rock	6 samples 36 elements ICP MS		600
Other			
DRILLING			
(total metres; number of holes, size)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling/assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale, area)			
PREPARATORY/PHYSICAL			
Line/grid (kilometres)			
Topographic/Photogrammetric			
(scale, area)			
Legal surveys (scale, area)			
Road, local access (kilometres)/trail			
Trench (metres)			
Underground dev. (metres)			
Other			
		TOTAL COST	9,223

**BC Geological Survey  
Assessment Report  
32283**

**ASSESSMENT REPORT**

**GEOLOGICAL and GEOCHEMICAL REPORT  
JACOBIE LAKE PROSPECT**

Cariboo Mining Division

NTS93A5

Latitude 52° 21', Longitude 121° 42'

UTM 10 5802000N, 588000E

For

EAGLE PEAK RESOURCES INC

413 - 595 Burrard St

Vancouver, BC

By

P. E. Fox, PhD., P.Eng

Richmond, B.C.

June 15, 2011

**Event No.4866675**

## Table of Contents

SUMMARY.....	i
INTRODUCTION.....	1
LOCATION.....	1
CLAIMS.....	1
HISTORY.....	3
REGIONAL GEOLOGY.....	5
GEOLOGY.....	5
MINERALIZATION .....	5
WORK PROGRAM.....	6
DISCUSSION OF RESULTS .....	6
CONCLUSIONS.....	7
COST STATEMENT.....	7
STATEMENT OF QUALIFICATIONS.....	11
BIBLIOGRAPHY.....	12
APPENDIX I .....	13
APPENDIX II.....	14

## TABLES

TABLE 1: CLAIM LIST.....	3
TABLE 2: ASSAYS .....	6
TABLE 3: EXPENDITURES.....	7

**FIGURES**

FIGURE 1: LOCATION MAP .....	2
FIGURE 2: CLAIM MAP .....	4
FIGURE 3: REGIONAL GEOLOGY .....	8
FIGURE 4: GEOLOGICAL MAP .....	9
FIGURE 5: GEOCHEMICAL MAP .....	10

**APPENDICES**

APPENDIX 1: SAMPLE DATA .....	13
APPENDIX II: CERTIFICATES.....	14

## SUMMARY

This report documents work done by Eagle Peak Resources Inc in 2011 on the Jacobie Lake prospect. Work comprised soil and rock sampling and mapping on the prospect near Jacobie Lake, British Columbia.

Most of the area is underlain by Upper Triassic rocks variably oxidized to maroon and green basaltic flows and breccia. The latter is the host rock for the Jacobie copper showings west of Jacobie Mountain. These rocks are cut by northwest striking quartz-feldspar porphyry dikes of Cretaceous age. The dikes are 2-4m thick and are intensely altered to sericite and fine grained pyrite. Copper mineralization consists of fine grained chalcocite in one cm veins and disseminated aggregates along with extensive zones of malachite, chrysocolla and azurite. Previous sampling work returned significant copper tenors, up to 2% copper

The soil sampling program comprised 77 samples collected along local roads and trails at 100m intervals. The purpose of the survey was to test for extensions of the copper showings west of Jacobie Mountain. Copper data are erratic and widely distributed over the sampling area. A low contrast zone of elevated copper contents was detected near the Jacobie showing. Six rocks collected from two back filled trenches returned five copper-rich samples containing up to 5.4% copper. Further work is warranted

Expenditures total \$ 9,223.00

## INTRODUCTION

This report documents work done by Eagle Peak Resources Inc in 2011 on the Jacobie Lake copper prospect. Work comprised mapping and soil and rock sampling on the Jacobie prospect to test for extensions of the mineralization outlined by previous workers. Results of the work programs are detailed herein and recommendations made for continuing work. Expenditures total \$ 9,223.00. Work was paid for by Eagle Peak Resources.

## LOCATION

The Jacobie property lies in the Cariboo Mining Division on map sheet 093A/12 (Figure 1). The approximate centre of the claim group is at 5822842N, 585120E (UTM Zone 10). The Jacobie prospect lies one km west of Jacobie Mountain some 15 km southwest of Likely, BC and six km west of the Mt Polley mine operated by Imperial Metals Inc.

The claims lie in the Quesnel Highlands physiographic region of the Interior Plateau which is characterized by numerous lakes, broad valleys and low rolling hills and rocky escarpments. Local vegetation consists of pine, spruce, birch, alder and poplar interspersed with meandering streams, shallow lakes, grasslands and boggy wetlands. Glacial till, often thick, predominates and outcropping bedrock, generally Roche moutonee and rocky rubble, is rare.

## CLAIMS

The Property consists of seven contiguous mineral tenures covering an area of 983 hectares (Figure 2, Table 1). Expiry dates assume the work documented herein is accepted for assessment requirements. Work was filed on May 26, 2011 under event # 4866675. Work was completed between May 23, 2011 and May 26, 2011.



## JACOBIE LAKE PROPERTY

Albers Conical Equal Area  
North American 1983 (mean for CONUS)  
Albers Conical Equal Area  
1:8700000

## FIGURE 1

### LOCATION MAP

Jun 2011



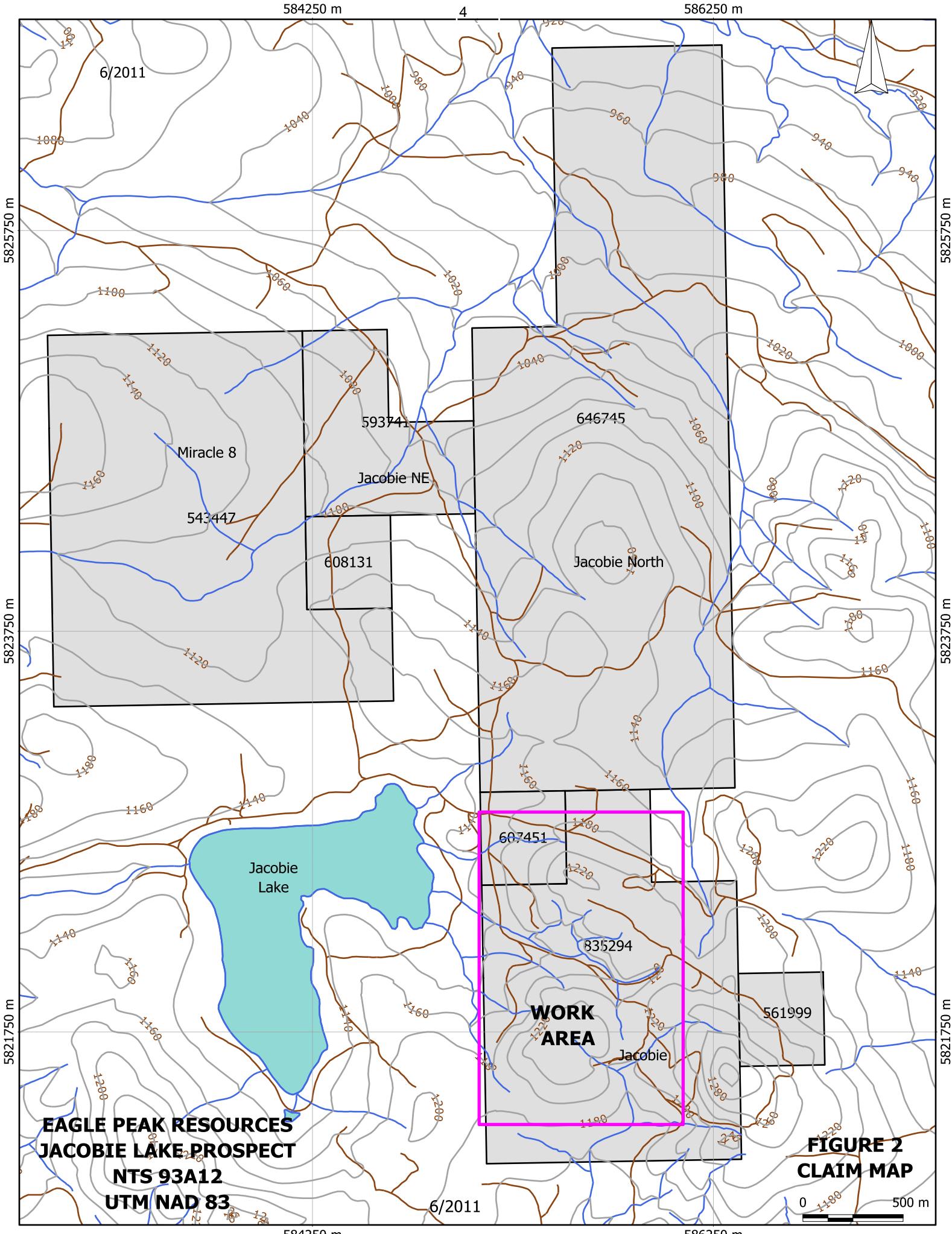
## . TABLE 1. CLAIM LIST

<b>Claim Name</b>	<b>Tenure</b>	<b>Expiry Date</b>	<b>ha</b>
Miracle 8	543447	July 21, 2013	255
Likely 1	561999	July 21, 2013	20
Jacobie NE	593741	July 21, 2013	59
Jacobie NW	607451	July 21, 2013	20
Jacobie NW2	608131	July 21, 2013	20
Jacobie North	646745	July 21, 2013	412
Jacobie	835294	July 21, 2013	196

## HISTORY

Placer and bedrock exploration of the Likely - Horsefly region began with the discovery or placer gold deposits in 1859. Subsequent placer discoveries were made at Cedar Creek, Antler Creek, Keithley Creek and along the Quesnel River. The Likely- Horsefly region was extensively prospected. Government sponsored airborne geophysical surveys and regional geochemical surveys prompted extensive exploration activity. The QR gold deposit was discovered in 1975 and the Mount Polley mine, a few kilometers to the east of the claim area, was discovered in 1966 and commenced production in 1997.

The area west of Mount Polley in the vicinity of the Jacobie claims has been explored by Milestone Mines (1966), Silver City Petroleum (1967), Lecmac Mines Ltd (1973), Dome Exploration and Newconex (1975), Quintanna Resources (1976), Hennesy Resource Corp. (1984), Pamicon Developments Ltd. (1991), White Channel Resources Inc. (1993)and Navarre Resource Corp. (1996). Globex Mining Enterprises prospected the Jacobie showingin 1994 and 1996 completing a program of geological mapping, magnetometer surveying and extensive trenching including excavation of the main showing area (trench 5). Further mapping and geochemical soil sampling was done by Phelps Dodge Corporation in 2000 (Kulla, 2001).



## REGIONAL GEOLOGY

The claim group (Figure 3) lies along the Central Quesnel Terrane, a complex continent-margin basin forming a regional synclinal structure west of the North American plate during the Triassic-Jurassic (Bailey, 1990). Oldest strata are black shale, argillite, siltstone and sandstone of Middle Triassic age. Overlying this older unit are basaltic pillow lava and breccia of Norian age and still younger fault-bounded blocks of Lower Jurassic felsic breccia. These rocks are cut by numerous Cretaceous(?) quartz porphyry dikes similar to the Gavin Lake dike complex to the south.

## GEOLOGY

The Jacobie claims are underlain by grey and maroon basaltic flows and breccia of the middle member of the Quesnellia sequence (Figure 4). Felsic breccia overlies these rocks to the east with local beds of limestone and greyacke (Bailley 1990). Irregular zones of maroon basalt underlie the summits of Jacobie Mountain and low ridges to the west near Jacobie Lake. A pinkish quartz porphyry dike is exposed on the access road leading south along the east shore of Jacobie Lake.

## MINERALIZATION

Mineralization consists of veinlets and stringers of chalcocite, covellite and minor native copper dispersed throughout a grey-green basalt breccia exposed north of a small clearing in a narrow gully. This area was trenched in 1996 and backfilled at that time. However rubble and spoil remain showing large amounts of malachite- and azurite-stained talus that marks the old trench area. This material was sampled and results given in Table 2. One sample (4403) was taken from a narrow zone of malachite-stained basalt north of the main showing (Table 2).

**Table 2: Rock samples Jacobie showings**

Sample	utmE	utmN	Cu %
4398	585683	5821605	3.68
4399	585683	5821605	3.35
4400	585683	5821605	2.08
4401	585683	5821605	5.41
4402	585702	5822056	0.009
4403	585888	5822234	2.30

## WORK PROGRAM

The 2011 work program comprised compilation of geological and geochemical data and collection of 77 soil samples at 100m intervals along old roads and trails at the south end of the claim group together with six rock samples from the main showings east of Jacobie Lake. Soil samples were collected from a poorly formed B horizon and a clay-rich C layer close to bedrock at 5-20 cm depths. UTM coordinates and local observations were recorded at each site. Soil samples were analyzed by Acme Analytical Laboratories in Vancouver, BC. Analytical methods used were Acme code1DX2 15 gram hot aqua regia digestion and ICP-MS (36 elements) using the -80mesh fraction of dried soil material (.5 gm aliquot). Sample data are given in Appendix I and analyses in Appendix II. Sample locations are noted in Figure 5 along with copper results in ppm. Rock locations are noted in Figure 4 with copper in per cent.

## DISCUSSION OF RESULTS

Copper tenors in the Jacobie soils are erratic and no comprehensive anomaly was determined although a zone of elevated copper contents was outlined just east of the main Jacobie showing (Figure 5). This zone lies parallel to the stratigraphic trend and

may reflect a zone of enriched copper in the underlying basaltic units. Rocks from the Jacobie showing returned high copper contents, up to 5.4% copper.

## **CONCLUSIONS**

Further sampling work is warranted to follow-up the zone of elevated copper noted above in Figure 5. This zone may trace a mineralized horizon within the underlying oxidized basalts similar to the existing high grade Jacobie showing just to the west.

## **COST STATEMENT**

Work expenditures are tabulated below in Table 3.

**TABLE 3. EXPENDITURES**

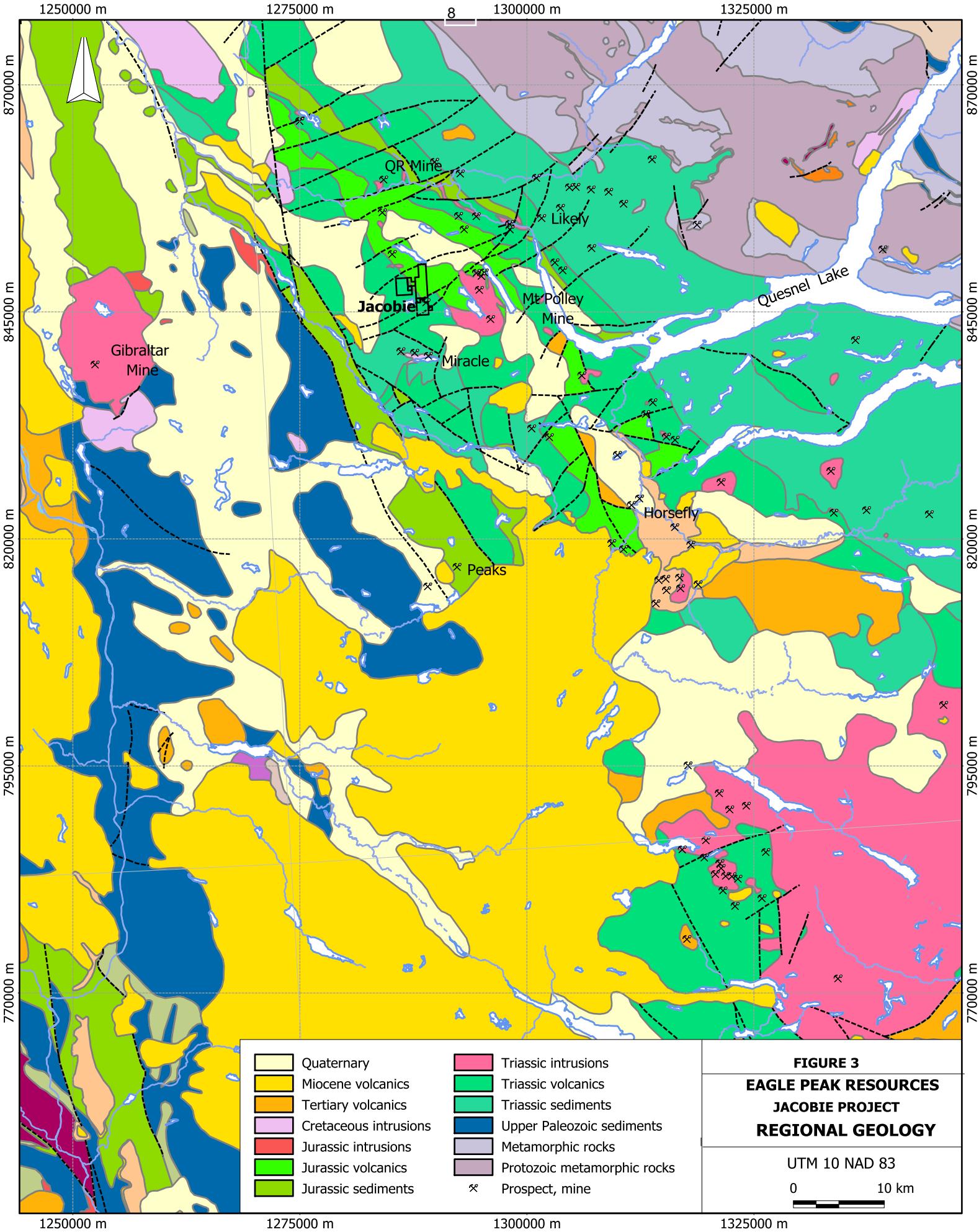
Item				Cost
Labour	S Kania, sampler	3 days @ 300	900	
(10 mandays)	J. Tattersall, helper	3 days @ 200	600	
	P Fox, geologist i/c, supervision	1 days @800	800	
	K. Tattersall, field technician	3 days @350	1050	3350
Accomodation,board	Sandman Inn, Williams lake	10 days @ 175		1750
Truck rental	4wd, gas, operating	3 days @150		450
Analyses	Acme Analytical labs, Vancouver	\$23.16/samp	83 samples	1923
Quad rental	4 trax offroad unit	3 days @ 150		450
Field supplies	Bags, flagging,shipping			100
Report Preparation	P Fox Phd PEng			1200
<b>Total</b>				<b>\$9,223</b>

Prepared by



P.E. Fox PhD.,P.Eng

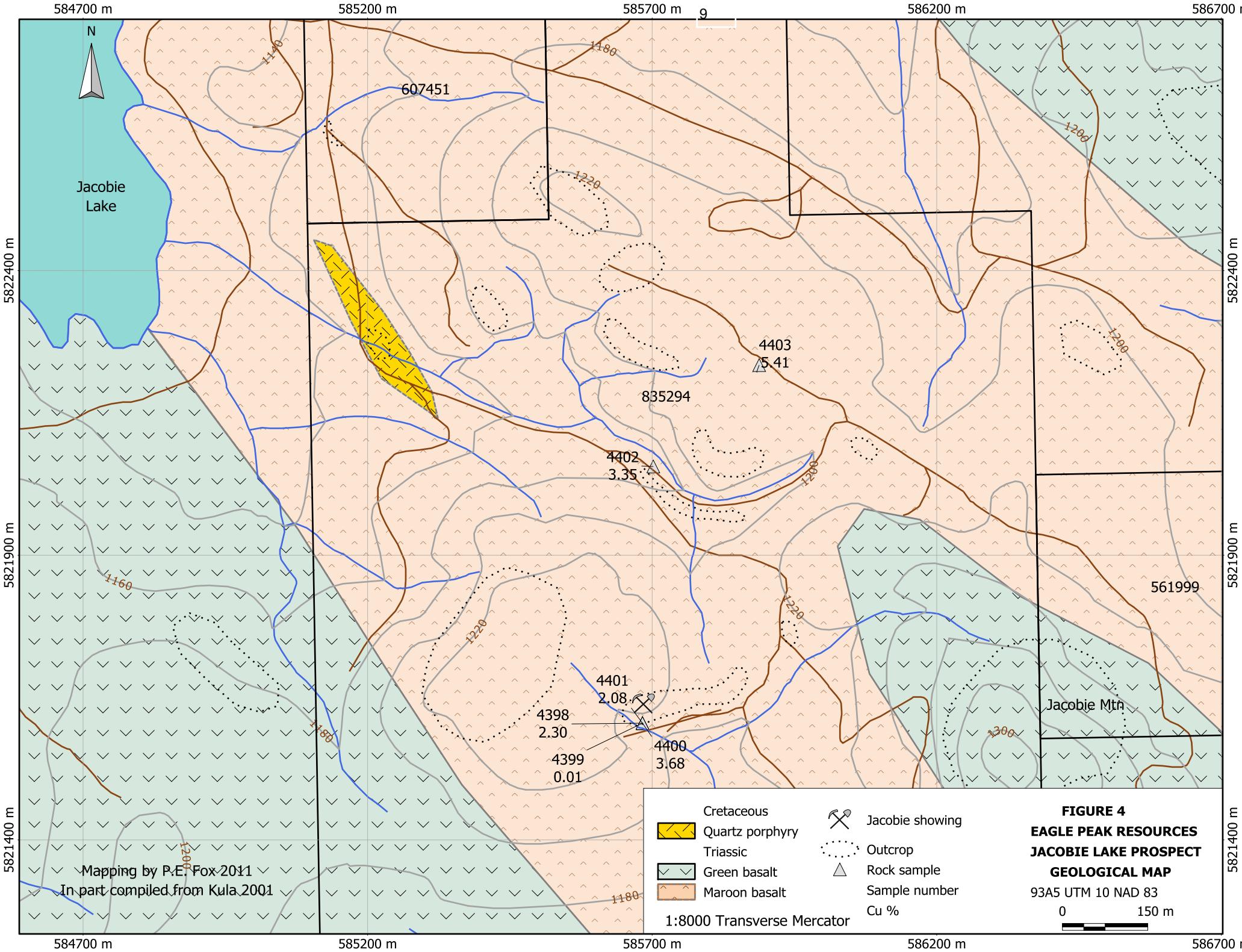
June 15, 2011

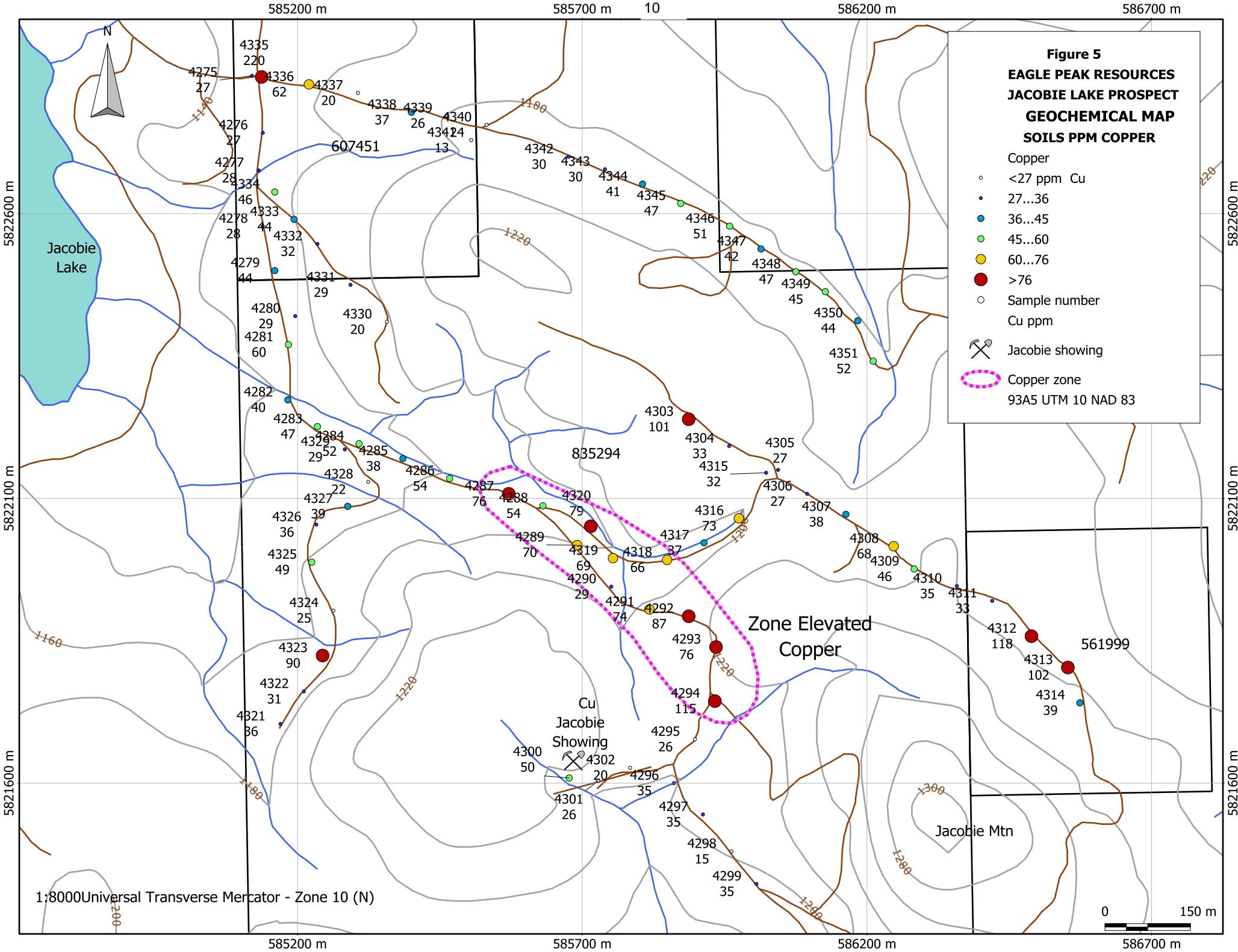


**FIGURE 3**  
**EAGLE PEAK RESOURCES**  
**JACOBIE PROJECT**  
**REGIONAL GEOLOGY**

UTM 10 NAD 83

0 10 km





## STATEMENT OF QUALIFICATIONS

I, Peter E. Fox of Richmond, British Columbia do hereby certify that I:

- am a graduate of Queens University in Kingston, Ontario with a Bachelor of Science and Master of Science degrees in Geological Sciences in 1959 and 1962, and a graduate of Carleton University, Ottawa, Ontario with a degree of Doctor of Philosophy in 1966.
- am a member of the Association of Professional Engineers and Geoscientists of British Columbia #8133.
- have practiced my profession since 1966.
- am the author of the report entitled "Assessment Report, Geological, Geochemical Report, Jacobie Prospect and supervised all of the work therein.

Dated at Richmond, British Columbia this 15<sup>th</sup> Day of June, 2011.

Respectfully submitted,



---

Peter E. Fox PhD.,P.Eng.

June 15, 2011



## BIBLIOGRAPHY

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## **APPENDIX I**

### **JACOBIE LAKE SAMPLE DATA**

APPENDIX I  
JACOBIE LAKE ROCK SAMPLES

<b>Sample</b>	<b>Prop</b>	<b>Sampler</b>	<b>Date</b>	<b>utmN (10)</b>	<b>utmE (10)</b>	<b>Wpt</b>	<b>Type</b>	<b>Material</b>	<b>Rmx</b>
4398	Jacobie	Fox	24-May-11	5821605	585683		Grab	Bedrock	Malachite-stained augite basalt (Tr 5)
4399	Jacobie	Fox	24-May-11	5821605	585683		Grab	Bedrock	Malachite-stained augite basalt (Tr 5)
4400	Jacobie	Fox	24-May-11	5821605	585683		Grab	Bedrock	Malachite-stained augite basalt (Tr 5)
4401	Jacobie	Fox	24-May-11	5821605	585683		Grab	Bedrock	Malachite-stained augite basalt (Tr 5)
4402	Jacobie	Fox	25-May-11	5822056	585702	Jac2	Grab	Bedrock	Qtz-ankerite stockwork (Tr 2)
4403	Jacobie	Fox	25-May-11	5822234	585888	Jac3	Grab	Bedrock	Malachite-stained augite basalt (Tr 4)

APPENDIX I  
JACOBIE SOIL SAMPLES

Sample	Prop	Sampler	Date	utmN (10)	utmE (10)	Wpt	Type	Material	Hor	Depth cm	Colour	Topo
4275	Jacobie	Sk/JT	24-May-11	5822842	585120		Soil	Till	C	10	Bn	Hillside
4276	Jacobie	Sk/JT	24-May-11	5822742	585139		Soil	Till	C	10	Bn	Hillside
4277	Jacobie	Sk/JT	24-May-11	5822676	585132		Soil	Till	C	10	Bn	Hillside
4278	Jacobie	Sk/JT	24-May-11	5822578	585139		Soil	Till	C	10	Bn	Hillside
4279	Jacobie	Sk/JT	24-May-11	5822500	585160		Soil	Till	C	10	Bn	Hillside
4280	Jacobie	Sk/JT	24-May-11	5822420	585196		Soil	Till	C	15	Bn	Hillside
4281	Jacobie	Sk/JT	24-May-11	5822370	585184		Soil	Till	C	10	Bn	Hillside
4282	Jacobie	Sk/JT	24-May-11	5822273	585183		Soil	Till	C	15	Bn	Hillside
4283	Jacobie	Sk/JT	24-May-11	5822226	585235		Soil	Till	C	10	Bn	Hillside
4284	Jacobie	Sk/JT	24-May-11	5822196	585308		Soil	Till	C	10	Bn	Hillside
4285	Jacobie	Sk/JT	24-May-11	5822170	585385		Soil	Till	C	15	Bn	Hillside
4286	Jacobie	Sk/JT	24-May-11	5822135	585467		Soil	Till	C	12	Bn	Hillside
4287	Jacobie	Sk/JT	24-May-11	5822108	585571		Soil	Till	C	15	Bn	Hillside
4288	Jacobie	Sk/JT	24-May-11	5822087	585631		Soil	Till	C	10	Bn	Hillside
4289	Jacobie	Sk/JT	24-May-11	5822018	585691		Soil	Till	C	10	Bn	Hillside
4290	Jacobie	Sk/JT	24-May-11	5821945	585751		Soil	Till	C	15	Bn	Hillside
4291	Jacobie	Sk/JT	24-May-11	5821905	585818		Soil	Till	C	10	Bn	Hillside
4292	Jacobie	Sk/JT	24-May-11	5821893	585887		Soil	Till	C	10	Bn	Hillside
4293	Jacobie	Sk/JT	24-May-11	5821839	585935		Soil	Till	C	15	Bn	Hillside
4294	Jacobie	Sk/JT	24-May-11	5821744	585933		Soil	Till	C	15	Bn	Hillside
4295	Jacobie	Sk/JT	24-May-11	5821677	585898		Soil	Till	C	10	Bn	Hillside
4296	Jacobie	Sk/JT	24-May-11	5821600	585861		Soil	Till	C	10	Bn	Hillside
4297	Jacobie	Sk/JT	24-May-11	5821545	585912		Soil	Till	C	15	Bn	Hillside
4298	Jacobie	Sk/JT	24-May-11	5821480	585962		Soil	Till	C	15	Bn	Hillside
4299	Jacobie	Sk/JT	24-May-11	5821423	586006		Soil	Till	C	10	Bn	Hillside
4300	Jacobie	Sk/JT	24-May-11	5821609	585677		Soil	Till	C	15	Bn	Hillside
4301	Jacobie	Sk/JT	24-May-11	5821604	585728		Soil	Till	C	12	Bn	Hillside
4302	Jacobie	Sk/JT	24-May-11	5821627	585784		Soil	Till	C	15	Bn	Hillside
4303	Jacobie	Sk/JT	24-May-11	5822239	585887		Soil	Till	C	10	Bn	Hillside
4304	Jacobie	Sk/JT	25-May-11	5822192	585958		Soil	Till	C	10	Bn	Hillside
4305	Jacobie	Sk/JT	25-May-11	5822150	586044		Soil	Till	C	15	Bn	Hillside
4306	Jacobie	Sk/JT	25-May-11	5822108	586095		Soil	Till	C	10	Bn	Hillside
4307	Jacobie	Sk/JT	25-May-11	5822072	586163		Soil	Till	C	5	Bn	Hillside

APPENDIX I  
JACOBIE SOIL SAMPLES

Sample	Prop	Sampler	Date	utmN (10)	utmE (10)	Wpt	Type	Material	Hor	Depth cm	Colour	Topo
4308	Jacobie	Sk/JT	25-May-11	5822016	586247		Soil	Till	C	15	Bn	Hillside
4309	Jacobie	Sk/JT	25-May-11	5821976	586283		Soil	Till	C	15	Bn	Hillside
4310	Jacobie	Sk/JT	25-May-11	5821946	586358		Soil	Till	C	10	Bn	Hillside
4311	Jacobie	Sk/JT	25-May-11	5821920	586420		Soil	Till	C	10	Bn	Hillside
4312	Jacobie	Sk/JT	25-May-11	5821858	586489		Soil	Till	C	15	Bn	Hillside
4313	Jacobie	Sk/JT	25-May-11	5821803	586553		Soil	Till	C	15	Bn	Hillside
4314	Jacobie	Sk/JT	25-May-11	5821741	586574		Soil	Till	C	15	Bn	Hillside
4315	Jacobie	Sk/JT	25-May-11	5822145	586023		Soil	Till	C	10	Bn	Hillside
4316	Jacobie	Sk/JT	25-May-11	5822065	585975		Soil	Till	C	15	Bn	Hillside
4317	Jacobie	Sk/JT	25-May-11	5822022	585914		Soil	Till	C	12	Bn	Hillside
4318	Jacobie	Sk/JT	25-May-11	5821992	585849		Soil	Till	C	15	Bn	Hillside
4319	Jacobie	Sk/JT	25-May-11	5821995	585754		Soil	Till	C	10	Bn	Hillside
4320	Jacobie	Sk/JT	25-May-11	5822051	585715		Soil	Till	C	10	Bn	Hillside
4321	Jacobie	Sk/JT	25-May-11	5821704	585170		Soil	Till	C	15	Bn	Hillside
4322	Jacobie	Sk/JT	25-May-11	5821761	585211		Soil	Till	C	10	Bn	Hillside
4323	Jacobie	Sk/JT	25-May-11	5821824	585244		Soil	Till	C	5	Bn	Hillside
4324	Jacobie	Sk/JT	25-May-11	5821903	585263		Soil	Till	C	15	Bn	Hillside
4325	Jacobie	Sk/JT	25-May-11	5821988	585225		Soil	Till	C	15	Bn	Hillside
4326	Jacobie	Sk/JT	25-May-11	5822054	585233		Soil	Till	C	10	Bn	Hillside
4327	Jacobie	Sk/JT	25-May-11	5822086	585288		Soil	Till	C	12	Bn	Hillside
4328	Jacobie	Sk/JT	25-May-11	5822129	585324		Soil	Till	C	5	Bn	Hillside
4329	Jacobie	Sk/JT	25-May-11	5822186	585283		Soil	Till	C	5	Bn	Hillside
4330	Jacobie	Sk/JT	25-May-11	5822410	585357		Soil	Till	C	10	Bn	Hillside
4331	Jacobie	Sk/JT	25-May-11	5822475	585293		Soil	Till	C	15	Bn	Hillside
4332	Jacobie	Sk/JT	25-May-11	5822547	585235		Soil	Till	C	15	Bn	Hillside
4333	Jacobie	Sk/JT	25-May-11	5822590	585194		Soil	Till	C	15	Bn	Hillside
4334	Jacobie	Sk/JT	25-May-11	5822638	585160		Soil	Till	C	10	Bn	Hillside
4335	Jacobie	Sk/JT	26-May-11	5822840	585137		Soil	Till	C	15	Bn	Hillside
4336	Jacobie	Sk/JT	26-May-11	5822827	585220		Soil	Till	C	12	Bn	Hillside
4337	Jacobie	Sk/JT	26-May-11	5822812	585306		Soil	Till	C	15	Bn	Hillside
4338	Jacobie	Sk/JT	26-May-11	5822778	585400		Soil	Till	C	10	Bn	Hillside
4339	Jacobie	Sk/JT	26-May-11	5822772	585463		Soil	Till	C	10	Bn	Hillside
4340	Jacobie	Sk/JT	26-May-11	5822756	585532		Soil	Till	C	15	Bn	Hillside

APPENDIX I  
JACOBIE SOIL SAMPLES

<b>Sample</b>	<b>Prop</b>	<b>Sampler</b>	<b>Date</b>	<b>utmN (10)</b>	<b>utmE (10)</b>	<b>Wpt</b>	<b>Type</b>	<b>Material</b>	<b>Hor</b>	<b>Depth cm</b>	<b>Colour</b>	<b>Topo</b>
4341	Jacobie	Sk/JT	26-May-11	5822729	585505		Soil	Till	C	10	Bn	Hillside
4342	Jacobie	Sk/JT	26-May-11	5822700	585676		Soil	Till	C	5	Bn	Hillside
4343	Jacobie	Sk/JT	26-May-11	5822678	585740		Soil	Till	C	10	Bn	Hillside
4344	Jacobie	Sk/JT	26-May-11	5822652	585806		Soil	Till	C	10	Bn	Hillside
4345	Jacobie	Sk/JT	26-May-11	5822618	585873		Soil	Till	C	5	Bn	Hillside
4346	Jacobie	Sk/JT	26-May-11	5822578	585959		Soil	Till	C	10	Bn	Hillside
4347	Jacobie	Sk/JT	26-May-11	5822538	586014		Soil	Till	C	10	Bn	Hillside
4348	Jacobie	Sk/JT	26-May-11	5822498	586075		Soil	Till	C	10	Bn	Hillside
4349	Jacobie	Sk/JT	26-May-11	5822463	586127		Soil	Till	C	5	Bn	Hillside
4350	Jacobie	Sk/JT	26-May-11	5822412	586184		Soil	Till	C	10	Bn	Hillside
4351	Jacobie	Sk/JT	26-May-11	5822341	586211		Soil	Till	C	10	Bn	Hillside

## **APPENDIX II**

### **ANALYSES**

Acme Analytical Laboratories Inc

Aqua regia digestion 36 elements by ICP-MS

GROUP 1DX 15 GRAM SAMPLE



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Acme Analytical Laboratories (Vancouver) Ltd.

[www.acmelab.com](http://www.acmelab.com)

Client: **Eagle Peak Resources Inc.**

413 - 595 Burrard Street  
Vancouver BC V7X 1G4 Canada

Submitted By: G. Tattersall  
Receiving Lab: Canada-Vancouver  
Received: June 01, 2011  
Report Date: June 11, 2011  
Page: 1 of 2

## CERTIFICATE OF ANALYSIS

VAN11002298.2

### CLIENT JOB INFORMATION

Project: Jacobie  
Shipment ID:  
P.O. Number  
Number of Samples: 6

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	6	Crush, split and pulverize 250 g rock to 200 mesh			VAN
1DX2	6	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN
7AR	6	1:1:1 Aqua Regia digestion ICP-ES analysis	0.4	Completed	VAN

### SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage  
DISP-RJT Dispose of Reject After 90 days

### ADDITIONAL COMMENTS

Version 2: 7AR1 Cu for Samples 4398 to 4403.

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

Invoice To: Eagle Peak Resources Inc.  
413 - 595 Burrard Street  
Vancouver BC V7X 1G4  
Canada

CC: Pete Fox



This report supersedes all previous preliminary and final reports with this file number dated prior to the date on this certificate. Signature indicates final approval; preliminary reports are unsigned and should be used for reference only. All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of analysis only. \*\* asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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Project: Jacobie  
Report Date: June 11, 2011

Page: 2 of 2 Part 1

## CERTIFICATE OF ANALYSIS

VAN11002298.2

Method	Analyte	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
		kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%		
		MDL	0.01	0.1	0.1	0.1	1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	
4398	Rock	0.48	1.2	>10000	3.4	61	13.5	14.1	36.3	1212	5.37	1.6	23.0	1.3	280	<0.1	<0.1	<0.1	276	1.33	0.267	
4399	Rock	0.49	1.2	>10000	2.6	57	12.4	11.8	32.6	1029	5.16	1.7	17.8	1.2	243	<0.1	<0.1	<0.1	256	1.15	0.259	
4400	Rock	0.53	1.2	>10000	3.5	62	7.7	10.0	32.2	1211	5.55	1.6	7.6	1.5	283	<0.1	<0.1	<0.1	269	2.53	0.273	
4401	Rock	0.63	1.9	>10000	3.9	60	17.3	12.2	35.3	1194	5.37	1.9	12.3	1.4	293	<0.1	<0.1	<0.1	254	1.54	0.251	
4402	Rock	0.70	0.3	108.9	1.3	78	<0.1	81.8	37.2	1122	2.22	3.7	1.1	<0.1	175	<0.1	0.2	<0.1	50	17.49	0.003	
4403	Rock	0.50	0.3	>10000	2.6	58	5.9	29.3	28.4	996	3.90	23.7	2.3	1.3	78	<0.1	0.7	<0.1	179	4.45	0.229	



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Project: Jacobie  
Report Date: June 11, 2011

Page: 2 of 2 Part 2

## CERTIFICATE OF ANALYSIS

VAN11002298.2

Method	Analyte	1DX15	7AR																
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu
		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	
		1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001
4398	Rock	12	13	1.80	87	0.188	7	2.45	0.264	0.10	0.2	4.35	7.4	<0.1	0.16	12	<0.5	<0.2	3.683
4399	Rock	12	12	1.62	38	0.184	5	1.76	0.058	0.06	0.2	3.50	6.9	<0.1	0.11	10	<0.5	<0.2	3.352
4400	Rock	13	12	1.68	63	0.221	7	3.68	1.273	0.10	0.1	1.14	6.3	<0.1	<0.05	11	<0.5	<0.2	2.083
4401	Rock	12	13	1.74	78	0.189	8	2.79	0.293	0.08	0.2	2.14	7.6	<0.1	0.39	13	0.5	<0.2	5.413
4402	Rock	<1	13	9.09	89	0.005	<1	0.09	0.030	0.01	1.4	<0.01	2.6	<0.1	<0.05	<1	<0.5	<0.2	0.009
4403	Rock	9	108	2.50	19	0.108	3	1.29	0.038	0.11	<0.1	0.86	8.6	<0.1	<0.05	7	<0.5	<0.2	2.301



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Vancouver BC V7X 1G4 Canada

Project:

Jacobie

Report Date:

June 11, 2011

Page:

1 of 1 Part 1

## QUALITY CONTROL REPORT

VAN11002298.2

Method Analyte Unit MDL	WGHT	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P									
	kg	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%									
	0.01	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001									
Pulp Duplicates																													
4400	Rock	0.53	1.2 >10000	3.5	62	7.7	10.0	32.2	1211	5.55	1.6	7.6	1.5	283	<0.1	<0.1	<0.1	269	2.53	0.273									
REP 4400	QC		1.2 >10000	3.4	64	7.9	10.7	32.8	1256	5.64	1.7	7.7	1.5	291	<0.1	<0.1	<0.1	276	2.58	0.271									
4401	Rock	0.63	1.9 >10000	3.9	60	17.3	12.2	35.3	1194	5.37	1.9	12.3	1.4	293	<0.1	<0.1	<0.1	254	1.54	0.251									
REP 4401	QC																												
Core Reject Duplicates																													
4403	Rock	0.50	0.3 >10000	2.6	58	5.9	29.3	28.4	996	3.90	23.7	2.3	1.3	78	<0.1	0.7	<0.1	179	4.45	0.229									
DUP 4403	QC		0.3 >10000	2.8	59	5.3	30.7	28.4	1038	4.14	21.0	3.7	1.3	87	0.1	0.6	<0.1	186	4.78	0.230									
Reference Materials																													
STD DS8	Standard		12.9	116.8	129.3	326	1.9	37.9	7.4	612	2.48	27.9	126.0	6.3	63	2.5	6.1	6.9	40	0.69	0.083								
STD DS8	Standard		13.4	114.1	127.5	327	1.8	38.9	7.9	620	2.46	26.5	116.1	6.6	63	2.2	5.9	6.5	40	0.67	0.081								
STD GC-7	Standard																												
STD R4A	Standard																												
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08									
STD GC-7 Expected																													
STD R4A Expected																													
BLK	Blank	<0.1	13.2	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001									
BLK	Blank																												
Prep Wash																													
G1	Prep Blank	<0.01	0.4	1.6	2.8	45	0.1	3.2	3.7	536	1.82	<0.5	4.7	4.3	55	<0.1	<0.1	0.1	35	0.43	0.078								



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Project:

Jacobie

Report Date:

June 11, 2011

Page:

1 of 1 Part 2

## QUALITY CONTROL REPORT

VAN11002298.2

	Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	7AR		
Analyte	La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	Cu	
Unit	ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	
MDL	1	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	0.001	
Pulp Duplicates																			
4400	Rock	13	12	1.68	63	0.221	7	3.68	1.273	0.10	0.1	1.14	6.3	<0.1	<0.05	11	<0.5	<0.2	
REP 4400	QC	13	13	1.70	63	0.232	8	3.72	1.287	0.10	0.1	1.16	6.6	<0.1	<0.05	11	<0.5	<0.2	
4401	Rock	12	13	1.74	78	0.189	8	2.79	0.293	0.08	0.2	2.14	7.6	<0.1	0.39	13	0.5	<0.2	
REP 4401	QC																	5.433	
Core Reject Duplicates																			
4403	Rock	9	108	2.50	19	0.108	3	1.29	0.038	0.11	<0.1	0.86	8.6	<0.1	<0.05	7	<0.5	<0.2	
DUP 4403	QC	9	108	2.50	28	0.116	3	1.34	0.063	0.14	<0.1	0.76	9.3	<0.1	<0.05	8	<0.5	<0.2	
Reference Materials																			
STD DS8	Standard	13	116	0.61	287	0.110	3	0.90	0.079	0.43	3.0	0.22	1.9	5.7	0.16	4	4.4	4.6	
STD DS8	Standard	14	119	0.59	284	0.115	2	0.90	0.081	0.42	3.0	0.21	2.0	5.4	0.16	5	4.9	5.0	
STD GC-7	Standard																	0.549	
STD R4A	Standard																	0.494	
STD DS8 Expected		14.6	115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5	
STD GC-7 Expected																		0.555	
STD R4A Expected																		0.502	
BLK	Blank	<1	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2	
BLK	Blank																	<0.001	
Prep Wash																			
G1	Prep Blank	9	6	0.52	210	0.116	2	0.90	0.062	0.46	<0.1	<0.01	1.5	0.3	<0.05	5	<0.5	<0.2	N.A.



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Submitted By: G. Tattersall  
Receiving Lab: Canada-Vancouver  
Received: June 01, 2011  
Report Date: June 04, 2011  
Page: 1 of 4

## CERTIFICATE OF ANALYSIS

VAN11002299.1

### CLIENT JOB INFORMATION

Project: Jacobie  
Shipment ID:  
P.O. Number  
Number of Samples: 77

### SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Code					
SS80	77	Dry at 60C sieve 100g to -80 mesh			VAN
Dry at 60C	77	Dry at 60C			VAN
IDX2	77	1:1:1 Aqua Regia digestion ICP-MS analysis	15	Completed	VAN

### SAMPLE DISPOSAL

STOR-PLP Store After 90 days Invoice for Storage  
DISP-RJT-SOIL Immediate Disposal of Soil Reject

### ADDITIONAL COMMENTS

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

Invoice To: Eagle Peak Resources Inc.  
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Canada

CC: Pete Fox



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Client:

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Vancouver BC V7X 1G4 Canada

Project: Jacobie

Report Date: June 04, 2011

Page: 2 of 4 Part 1

VAN11002299.1

## CERTIFICATE OF ANALYSIS

Method	Analyte	Unit	1DX15																			
			Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
			ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	%	%	ppm								
		MDL	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
4275	Soil		0.5	27.2	5.1	57	0.1	17.7	10.8	335	3.07	3.7	2.1	1.6	32	0.1	0.3	<0.1	89	0.37	0.092	8
4276	Soil		0.5	27.1	5.3	69	0.1	18.4	10.3	418	2.93	3.3	2.6	2.1	31	<0.1	0.3	<0.1	82	0.32	0.112	9
4277	Soil		0.6	27.8	5.6	63	0.1	12.8	10.4	255	3.84	3.1	1.2	0.7	55	0.2	0.4	<0.1	116	0.59	0.096	3
4278	Soil		0.4	27.8	5.6	80	<0.1	15.9	12.9	312	3.08	2.4	1.4	1.4	40	0.2	0.3	<0.1	94	0.44	0.054	7
4279	Soil		0.5	43.8	7.0	102	0.1	31.9	18.5	320	4.40	8.5	4.8	2.0	48	0.2	0.3	0.1	105	0.60	0.425	5
4280	Soil		0.7	29.3	6.6	49	0.1	12.5	9.6	259	4.18	3.4	6.0	0.9	38	0.2	0.4	0.1	135	0.38	0.038	4
4281	Soil		0.7	59.5	4.9	77	0.1	38.8	25.9	373	4.89	7.8	2.4	1.9	38	<0.1	0.3	<0.1	132	0.39	0.498	5
4282	Soil		0.4	40.2	4.3	65	<0.1	21.1	12.4	348	3.12	4.5	7.0	2.1	52	0.1	0.3	<0.1	88	0.62	0.120	8
4283	Soil		0.6	47.2	5.9	200	0.3	24.7	19.3	471	4.15	4.6	2.2	1.7	41	0.2	0.4	<0.1	113	0.50	0.224	6
4284	Soil		0.6	52.1	5.9	145	0.3	28.0	20.3	531	4.37	5.8	2.6	1.7	49	0.2	0.3	<0.1	111	0.49	0.413	5
4285	Soil		0.5	38.3	4.9	96	<0.1	19.3	13.5	369	3.67	3.5	3.5	2.1	37	0.3	0.3	<0.1	107	0.45	0.120	7
4286	Soil		0.7	53.9	4.9	94	0.2	21.7	15.9	445	3.64	4.6	1.7	0.9	36	0.2	0.3	0.2	104	0.36	0.073	6
4287	Soil		0.9	76.4	9.4	138	0.1	30.6	28.3	1838	5.21	8.7	4.4	1.4	54	0.2	0.4	0.1	151	0.63	0.237	6
4288	Soil		0.5	54.0	6.1	93	<0.1	28.8	18.7	479	4.27	5.5	3.9	1.5	50	0.1	0.3	<0.1	134	0.50	0.055	6
4289	Soil		0.6	70.1	7.3	174	0.3	42.1	25.8	777	5.10	6.5	3.0	1.8	72	0.3	0.5	0.1	140	0.85	0.158	7
4290	Soil		0.5	29.1	5.1	47	<0.1	12.0	10.6	346	3.47	3.3	2.6	1.1	52	0.1	0.4	<0.1	115	0.54	0.069	6
4291	Soil		0.6	74.2	6.4	73	<0.1	26.1	19.3	694	4.08	7.2	3.0	1.6	55	0.2	0.6	<0.1	128	0.58	0.168	7
4292	Soil		0.5	86.7	5.3	93	0.1	35.2	24.4	591	4.57	10.1	1.7	1.4	32	0.1	0.8	<0.1	144	0.42	0.110	6
4293	Soil		0.5	76.3	5.3	66	<0.1	26.2	18.1	392	4.39	5.7	93.6	1.8	41	0.1	0.4	<0.1	127	0.46	0.212	7
4294	Soil		1.0	115.2	10.2	200	0.8	51.8	26.7	2835	5.21	7.4	2.4	4.4	76	1.1	0.5	0.2	128	1.08	0.080	23
4295	Soil		0.6	26.0	5.5	65	<0.1	14.6	11.4	254	3.24	3.7	3.8	1.7	30	0.2	0.4	<0.1	93	0.32	0.147	6
4296	Soil		0.3	34.6	5.8	43	<0.1	20.4	11.7	450	2.53	4.3	2.3	2.5	50	0.1	0.2	<0.1	72	0.57	0.070	11
4297	Soil		0.4	34.8	5.1	43	0.1	17.6	13.8	640	2.79	2.0	2.6	1.6	50	0.2	0.3	<0.1	85	0.68	0.024	7
4298	Soil		0.4	15.3	5.0	50	0.1	9.9	8.2	558	2.32	1.7	4.3	1.2	30	0.2	0.3	<0.1	72	0.34	0.061	5
4299	Soil		0.4	35.3	5.1	65	0.1	20.2	13.4	254	2.94	3.6	1.5	1.9	32	0.1	0.3	<0.1	79	0.38	0.129	8
4300	Soil		0.4	50.4	4.9	52	<0.1	19.7	14.2	606	2.71	2.8	<0.5	2.0	36	0.1	0.3	<0.1	86	0.49	0.054	10
4301	Soil		0.5	25.7	4.7	58	<0.1	22.4	11.8	187	2.77	4.1	<0.5	2.8	20	<0.1	0.3	<0.1	69	0.26	0.118	8
4302	Soil		0.4	19.7	4.7	45	<0.1	13.4	8.3	225	2.24	2.6	1.5	2.0	33	0.1	0.2	<0.1	70	0.35	0.067	9
4303	Soil		0.7	100.8	5.5	79	0.2	24.5	14.0	305	3.52	5.2	1.2	2.1	33	0.1	0.3	<0.1	102	0.41	0.183	8
4304	Soil		0.5	32.5	5.9	54	0.1	19.6	13.3	282	3.67	5.1	1.8	1.9	35	<0.1	0.4	<0.1	106	0.38	0.170	6

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413 - 595 Burrard Street  
Vancouver BC V7X 1G4 Canada

Project: Jacobie  
Report Date: June 04, 2011

Page: 2 of 4 Part 2

## CERTIFICATE OF ANALYSIS

VAN11002299.1

Method	Analyte	1DX15															
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
4275	Soil	36	0.61	51	0.085	2	1.29	0.008	0.07	0.1	0.04	2.9	<0.1	<0.05	5	<0.5	<0.2
4276	Soil	37	0.60	81	0.079	3	1.42	0.009	0.08	<0.1	0.03	3.1	<0.1	<0.05	5	<0.5	<0.2
4277	Soil	38	0.47	80	0.101	4	0.91	0.008	0.06	0.2	0.06	3.0	<0.1	<0.05	5	<0.5	<0.2
4278	Soil	39	0.54	59	0.106	3	1.14	0.009	0.07	<0.1	0.02	2.8	<0.1	<0.05	5	<0.5	<0.2
4279	Soil	51	0.73	99	0.081	2	2.65	0.010	0.08	0.2	0.04	4.6	<0.1	<0.05	8	<0.5	<0.2
4280	Soil	39	0.38	63	0.123	3	0.94	0.009	0.05	0.1	0.03	2.9	<0.1	<0.05	7	<0.5	<0.2
4281	Soil	50	0.90	105	0.094	3	3.33	0.010	0.08	0.2	0.04	6.0	<0.1	<0.05	8	<0.5	<0.2
4282	Soil	38	0.74	82	0.085	3	1.68	0.009	0.08	0.1	0.04	3.6	<0.1	<0.05	5	<0.5	<0.2
4283	Soil	44	0.96	138	0.097	5	2.27	0.009	0.11	0.1	0.06	4.2	<0.1	<0.05	8	<0.5	<0.2
4284	Soil	46	1.00	196	0.086	4	2.63	0.009	0.13	0.2	0.08	4.9	<0.1	<0.05	9	<0.5	<0.2
4285	Soil	40	0.76	55	0.111	4	1.68	0.009	0.08	0.1	0.04	3.7	<0.1	<0.05	6	<0.5	<0.2
4286	Soil	40	0.80	87	0.092	3	1.98	0.007	0.09	0.1	0.07	3.7	<0.1	<0.05	7	<0.5	<0.2
4287	Soil	56	1.12	238	0.107	4	2.26	0.011	0.14	0.2	0.08	5.8	<0.1	<0.05	8	<0.5	<0.2
4288	Soil	45	1.08	83	0.124	4	1.94	0.011	0.07	0.1	0.04	4.0	<0.1	<0.05	7	<0.5	<0.2
4289	Soil	57	1.28	188	0.107	4	2.99	0.010	0.16	0.1	0.18	5.7	<0.1	<0.05	8	<0.5	<0.2
4290	Soil	30	0.58	70	0.117	4	1.05	0.008	0.08	0.2	0.03	2.9	<0.1	<0.05	6	<0.5	<0.2
4291	Soil	42	0.93	138	0.095	5	1.81	0.009	0.11	0.2	0.07	5.0	<0.1	<0.05	6	<0.5	<0.2
4292	Soil	46	0.85	111	0.051	5	1.94	0.007	0.10	0.2	0.05	10.3	<0.1	<0.05	5	<0.5	<0.2
4293	Soil	43	0.95	103	0.098	3	2.09	0.008	0.08	0.1	0.05	4.6	<0.1	<0.05	6	<0.5	<0.2
4294	Soil	77	1.37	232	0.087	4	4.40	0.013	0.17	0.1	0.13	19.1	0.2	<0.05	10	0.6	<0.2
4295	Soil	31	0.51	55	0.084	4	1.38	0.006	0.05	0.2	0.03	2.7	<0.1	<0.05	6	<0.5	<0.2
4296	Soil	40	0.70	89	0.082	4	1.34	0.010	0.09	0.1	0.06	4.7	<0.1	<0.05	4	<0.5	<0.2
4297	Soil	31	0.73	84	0.103	5	1.38	0.010	0.06	0.1	0.04	3.5	<0.1	<0.05	4	<0.5	<0.2
4298	Soil	24	0.35	84	0.079	2	0.87	0.006	0.05	<0.1	0.02	1.8	<0.1	<0.05	4	<0.5	<0.2
4299	Soil	37	0.59	75	0.075	3	1.57	0.006	0.06	0.1	0.04	3.2	<0.1	<0.05	5	<0.5	<0.2
4300	Soil	36	0.74	68	0.093	4	1.59	0.008	0.08	0.1	0.02	4.5	<0.1	<0.05	5	<0.5	<0.2
4301	Soil	37	0.53	61	0.073	3	1.76	0.005	0.06	0.1	0.03	2.4	<0.1	<0.05	5	<0.5	<0.2
4302	Soil	30	0.45	56	0.094	3	0.97	0.006	0.05	<0.1	0.02	2.0	<0.1	<0.05	4	<0.5	<0.2
4303	Soil	41	0.81	79	0.083	4	2.24	0.006	0.08	0.1	0.06	3.1	<0.1	<0.05	6	<0.5	<0.2
4304	Soil	38	0.65	67	0.100	4	1.55	0.006	0.07	0.2	0.05	2.8	<0.1	<0.05	6	<0.5	<0.2

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Project: Jacobie

Report Date: June 04, 2011

Page: 3 of 4 Part 1

VAN11002299.1

## CERTIFICATE OF ANALYSIS

Method Analyte Unit MDL	1DX15																				
	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La	
	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm								
	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1	
4305	Soil	0.5	27.3	5.7	87	0.1	20.3	11.9	283	3.25	4.8	2.5	1.9	36	0.1	0.3	<0.1	91	0.38	0.125	9
4306	Soil	0.6	27.4	5.4	74	0.1	16.5	12.7	370	3.37	4.9	1.4	1.4	37	0.2	0.3	<0.1	102	0.40	0.137	7
4307	Soil	0.4	38.0	5.2	49	<0.1	16.2	12.5	432	3.60	7.9	3.3	1.6	57	0.1	0.8	<0.1	122	0.52	0.093	8
4308	Soil	0.5	68.1	4.7	66	0.1	24.7	17.7	312	3.22	4.7	2.3	2.2	38	0.1	0.3	<0.1	92	0.47	0.174	8
4309	Soil	0.5	45.8	6.2	64	0.1	22.8	16.5	325	3.72	5.5	2.7	2.4	41	0.1	0.4	<0.1	111	0.47	0.191	8
4310	Soil	0.5	35.0	5.0	81	0.1	16.1	14.1	373	3.56	5.3	2.3	1.7	46	0.1	0.5	<0.1	111	0.49	0.112	7
4311	Soil	0.5	33.3	5.6	57	<0.1	18.4	14.8	426	2.77	3.2	1.0	1.7	65	0.3	0.3	<0.1	85	0.56	0.035	8
4312	Soil	0.4	118.2	8.9	98	0.3	39.5	25.6	1318	4.47	5.9	3.3	2.8	59	0.3	0.4	0.1	125	0.79	0.096	15
4313	Soil	0.5	102.4	5.6	85	0.1	33.8	27.2	598	4.52	6.9	3.2	2.5	53	<0.1	0.2	<0.1	129	0.52	0.174	9
4314	Soil	0.5	38.5	7.4	82	0.2	22.9	16.3	357	4.32	4.5	1.2	1.8	34	0.1	0.3	0.1	128	0.34	0.168	6
4315	Soil	0.4	32.4	5.0	95	0.2	20.9	12.3	262	2.92	3.9	4.5	2.5	32	0.2	0.3	<0.1	84	0.33	0.073	9
4316	Soil	0.4	72.7	7.2	49	<0.1	27.0	15.9	627	3.32	6.9	5.0	4.1	60	<0.1	0.6	<0.1	96	0.57	0.101	14
4317	Soil	0.6	36.7	5.1	105	0.1	23.4	12.0	292	3.32	6.2	3.2	2.2	29	0.2	0.4	<0.1	85	0.34	0.214	9
4318	Soil	0.5	66.1	6.0	57	<0.1	38.5	19.4	467	3.83	7.3	5.9	1.7	42	0.2	0.4	<0.1	118	0.48	0.115	8
4319	Soil	0.5	68.8	6.0	59	<0.1	23.4	19.1	825	3.64	6.9	3.6	2.0	58	0.1	0.5	<0.1	119	0.68	0.126	10
4320	Soil	0.4	78.8	5.8	76	0.4	33.7	23.3	529	4.53	8.1	2.7	2.0	92	0.3	0.3	<0.1	151	1.28	0.125	13
4321	Soil	0.5	35.9	4.6	98	0.2	19.2	13.1	307	3.60	4.6	2.7	1.8	37	0.2	0.4	0.1	109	0.46	0.099	7
4322	Soil	0.6	31.3	5.6	98	0.3	17.9	11.7	278	3.58	5.0	2.0	1.5	33	0.3	0.4	<0.1	100	0.33	0.121	7
4323	Soil	0.6	90.2	6.5	65	0.2	22.6	16.3	907	3.10	5.2	2.4	1.3	56	0.2	0.3	<0.1	96	0.64	0.081	12
4324	Soil	0.7	24.6	6.5	78	0.1	12.3	10.5	382	3.31	3.1	2.1	1.3	37	0.2	0.3	0.1	96	0.41	0.190	6
4325	Soil	0.4	49.0	4.7	41	<0.1	19.7	13.9	313	3.62	4.9	2.3	1.9	44	<0.1	0.4	<0.1	115	0.52	0.109	7
4326	Soil	0.4	35.6	4.8	71	0.1	16.5	12.8	377	3.23	3.7	1.6	1.7	48	0.1	0.4	<0.1	104	0.57	0.100	8
4327	Soil	0.4	38.5	5.5	49	<0.1	17.3	14.1	328	3.58	4.1	1.1	1.6	52	0.1	0.4	<0.1	115	0.59	0.085	7
4328	Soil	0.4	22.3	5.7	96	<0.1	18.5	11.7	262	3.19	3.5	3.3	2.2	32	0.2	0.3	0.1	89	0.33	0.162	8
4329	Soil	0.6	29.2	5.3	75	0.1	18.2	11.8	282	3.26	3.7	2.4	1.9	30	0.2	0.3	<0.1	94	0.39	0.175	6
4330	Soil	0.4	19.8	5.0	54	0.1	14.0	10.3	304	2.69	1.8	2.2	1.7	31	0.1	0.3	<0.1	86	0.34	0.056	6
4331	Soil	0.6	29.0	7.1	60	0.2	12.2	11.3	1053	3.37	1.8	1.0	0.8	44	0.1	0.3	0.1	113	0.48	0.075	5
4332	Soil	0.4	32.3	5.7	66	0.2	17.6	12.8	272	3.62	3.6	2.9	1.4	36	0.1	0.4	0.1	111	0.39	0.141	5
4333	Soil	0.5	43.6	5.0	94	0.1	27.1	16.3	298	4.05	5.8	3.8	2.0	39	0.1	0.3	<0.1	117	0.44	0.270	6
4334	Soil	0.5	45.5	5.0	69	<0.1	19.2	13.6	630	2.96	2.7	3.7	1.5	37	<0.1	0.3	<0.1	99	0.38	0.036	9

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Project: Jacobie  
Report Date: June 04, 2011

Page: 3 of 4 Part 2

## CERTIFICATE OF ANALYSIS

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Method	Analyte	1DX15																	
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te		
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm		
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2		
4305	Soil	38	0.67	99	0.095	3	1.58	0.006	0.16	0.1	0.05	2.9	<0.1	<0.05	6	<0.5	<0.2		
4306	Soil	39	0.56	63	0.096	3	1.39	0.007	0.07	0.1	0.03	2.8	<0.1	<0.05	6	<0.5	<0.2		
4307	Soil	41	0.62	81	0.104	5	1.29	0.011	0.06	0.2	0.04	3.9	<0.1	<0.05	5	<0.5	<0.2		
4308	Soil	45	0.87	59	0.099	4	1.69	0.007	0.10	0.1	0.02	3.9	<0.1	<0.05	5	<0.5	<0.2		
4309	Soil	43	0.83	70	0.110	4	1.87	0.009	0.10	0.1	0.04	4.0	<0.1	<0.05	7	<0.5	<0.2		
4310	Soil	33	0.68	76	0.109	5	1.71	0.008	0.07	0.2	0.05	3.4	<0.1	<0.05	6	<0.5	<0.2		
4311	Soil	33	0.65	51	0.096	3	1.31	0.008	0.07	<0.1	0.02	3.2	<0.1	<0.05	5	<0.5	<0.2		
4312	Soil	59	1.23	331	0.114	5	2.82	0.011	0.15	0.1	0.03	9.2	<0.1	<0.05	8	<0.5	<0.2		
4313	Soil	48	1.63	62	0.141	4	2.63	0.008	0.10	0.1	0.03	6.6	<0.1	<0.05	9	<0.5	<0.2		
4314	Soil	43	0.86	104	0.136	4	2.21	0.007	0.09	0.1	0.04	4.2	<0.1	<0.05	9	<0.5	<0.2		
4315	Soil	35	0.56	59	0.099	3	1.52	0.008	0.07	0.1	0.03	3.0	<0.1	<0.05	5	<0.5	<0.2		
4316	Soil	44	0.86	105	0.107	6	1.95	0.015	0.18	0.1	0.10	6.0	<0.1	<0.05	6	<0.5	<0.2		
4317	Soil	44	0.64	132	0.081	3	1.96	0.007	0.10	0.2	0.06	3.5	<0.1	<0.05	6	<0.5	<0.2		
4318	Soil	40	0.84	111	0.090	4	1.88	0.008	0.09	0.2	0.04	4.0	<0.1	<0.05	5	<0.5	<0.2		
4319	Soil	39	0.93	120	0.111	5	1.54	0.010	0.11	0.2	0.08	5.2	<0.1	<0.05	5	<0.5	<0.2		
4320	Soil	54	1.35	100	0.132	6	3.27	0.012	0.09	0.1	0.09	8.5	<0.1	<0.05	8	0.6	<0.2		
4321	Soil	36	0.66	54	0.107	3	1.59	0.006	0.07	0.2	0.03	3.0	<0.1	<0.05	6	<0.5	<0.2		
4322	Soil	36	0.58	98	0.094	3	1.78	0.007	0.07	0.2	0.04	3.1	<0.1	<0.05	7	<0.5	<0.2		
4323	Soil	38	0.74	94	0.090	4	1.80	0.012	0.10	0.1	0.05	4.3	<0.1	<0.05	5	<0.5	<0.2		
4324	Soil	34	0.41	88	0.090	3	1.55	0.007	0.07	0.1	0.03	3.0	<0.1	<0.05	7	<0.5	<0.2		
4325	Soil	35	0.68	57	0.110	5	1.56	0.008	0.06	0.2	0.04	3.4	<0.1	<0.05	5	<0.5	<0.2		
4326	Soil	33	0.70	68	0.114	3	1.35	0.008	0.08	0.2	0.03	3.0	<0.1	<0.05	5	<0.5	<0.2		
4327	Soil	37	0.72	57	0.120	4	1.44	0.008	0.07	0.1	0.02	3.7	<0.1	<0.05	6	<0.5	<0.2		
4328	Soil	44	0.58	103	0.111	3	1.38	0.007	0.07	0.1	0.02	2.9	<0.1	<0.05	7	<0.5	<0.2		
4329	Soil	40	0.55	68	0.094	4	1.80	0.007	0.06	0.1	0.05	3.1	<0.1	<0.05	6	<0.5	<0.2		
4330	Soil	35	0.57	65	0.100	2	0.95	0.006	0.05	0.1	0.02	2.4	<0.1	<0.05	5	<0.5	<0.2		
4331	Soil	34	0.53	106	0.120	3	0.95	0.008	0.07	0.1	0.05	2.7	<0.1	<0.05	5	<0.5	<0.2		
4332	Soil	41	0.53	66	0.093	3	1.57	0.009	0.06	0.2	0.05	3.3	<0.1	<0.05	6	<0.5	<0.2		
4333	Soil	45	0.77	122	0.093	2	2.14	0.008	0.09	0.2	0.05	3.9	<0.1	<0.05	6	<0.5	<0.2		
4334	Soil	38	0.67	67	0.096	2	1.34	0.011	0.07	<0.1	0.03	4.1	<0.1	<0.05	4	<0.5	<0.2		

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Client:

**Eagle Peak Resources Inc.**

413 - 595 Burrard Street

Vancouver BC V7X 1G4 Canada

Project: Jacobie

Report Date: June 04, 2011

Page: 4 of 4 Part 1

VAN11002299.1

## CERTIFICATE OF ANALYSIS

Analyte	Method	1DX15																			
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
		0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
4335	Soil	0.8	220.3	10.0	99	0.9	71.1	28.0	1402	5.42	10.1	3.0	2.8	107	0.3	0.5	0.2	123	1.21	0.082	39
4336	Soil	0.8	61.7	7.9	96	0.2	26.4	21.9	1268	3.57	6.2	1.3	1.5	38	0.2	0.3	<0.1	101	0.39	0.079	11
4337	Soil	0.5	19.5	5.7	70	0.1	13.6	9.1	246	2.89	3.3	<0.5	1.7	32	0.1	0.4	0.1	88	0.39	0.077	7
4338	Soil	0.5	37.0	5.5	59	0.2	20.0	12.0	287	3.11	5.4	3.4	2.0	41	0.1	0.5	<0.1	91	0.50	0.125	8
4339	Soil	0.5	25.8	5.6	56	0.1	14.0	12.1	498	3.15	5.6	1.6	1.7	37	0.1	0.5	0.1	102	0.36	0.086	7
4340	Soil	0.7	23.8	6.6	103	0.2	20.7	20.5	724	4.21	6.1	2.6	1.2	45	0.1	0.5	<0.1	137	0.48	0.133	7
4341	Soil	0.9	12.7	5.6	104	0.2	9.0	7.5	980	2.58	3.2	0.5	1.1	19	0.1	0.2	0.1	69	0.26	0.194	6
4342	Soil	0.7	30.3	6.0	102	<0.1	18.3	13.1	442	4.57	10.3	1.0	1.2	26	<0.1	0.9	<0.1	136	0.38	0.137	6
4343	Soil	0.7	30.2	5.5	81	<0.1	21.8	12.9	264	3.90	5.3	0.7	1.6	40	0.2	0.5	<0.1	124	0.49	0.087	7
4344	Soil	0.5	40.7	5.4	77	<0.1	23.2	14.0	417	3.54	5.9	3.2	1.6	44	0.1	0.5	<0.1	107	0.48	0.096	9
4345	Soil	0.6	47.2	5.9	62	0.1	23.4	17.0	886	3.26	5.7	1.5	1.8	49	0.1	0.6	<0.1	106	0.54	0.112	11
4346	Soil	0.6	51.3	5.5	51	<0.1	21.9	14.0	538	3.36	6.6	1.6	1.9	51	<0.1	0.6	<0.1	106	0.48	0.121	11
4347	Soil	0.4	41.6	5.3	75	0.1	24.4	14.3	336	3.78	5.7	2.5	1.9	46	0.1	0.5	<0.1	114	0.47	0.098	8
4348	Soil	0.6	47.1	5.4	53	<0.1	22.4	13.2	472	3.07	6.2	2.8	1.6	40	0.1	0.6	<0.1	94	0.36	0.091	11
4349	Soil	0.5	45.2	5.9	50	<0.1	22.7	13.5	588	2.99	6.2	4.4	1.9	51	0.1	0.8	<0.1	94	0.53	0.119	10
4350	Soil	0.5	44.4	5.3	52	<0.1	20.3	12.4	480	3.31	6.9	2.2	2.5	35	0.1	0.7	<0.1	104	0.34	0.084	13
4351	Soil	0.5	52.2	6.8	47	<0.1	26.0	13.8	575	3.26	9.0	7.3	3.6	54	0.2	0.6	<0.1	100	0.56	0.127	15



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Page: 4 of 4 Part 2

## CERTIFICATE OF ANALYSIS

VAN11002299.1

Method	Analyte	1DX15															
		Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te
		ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm
MDL		1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2
4335	Soil	89	1.57	286	0.059	3	4.66	0.016	0.27	0.1	0.19	22.6	<0.1	<0.05	11	<0.5	<0.2
4336	Soil	52	0.78	116	0.071	3	1.95	0.013	0.11	0.1	0.04	5.0	<0.1	<0.05	7	<0.5	<0.2
4337	Soil	33	0.49	74	0.093	3	1.15	0.008	0.07	0.1	0.04	2.5	<0.1	<0.05	6	<0.5	<0.2
4338	Soil	35	0.58	75	0.069	2	1.48	0.007	0.10	0.1	0.04	2.9	<0.1	<0.05	4	<0.5	<0.2
4339	Soil	37	0.45	105	0.090	3	1.05	0.006	0.08	0.1	0.03	2.7	<0.1	<0.05	5	<0.5	<0.2
4340	Soil	40	0.44	110	0.082	3	1.51	0.007	0.10	0.2	0.05	4.7	<0.1	<0.05	6	<0.5	<0.2
4341	Soil	37	0.19	172	0.048	<1	0.97	0.005	0.06	<0.1	0.05	1.7	<0.1	<0.05	5	<0.5	<0.2
4342	Soil	50	0.50	110	0.052	3	1.35	0.007	0.07	0.2	0.04	6.4	<0.1	<0.05	5	<0.5	<0.2
4343	Soil	60	0.63	79	0.110	2	1.32	0.008	0.06	0.1	0.05	3.2	<0.1	<0.05	6	<0.5	<0.2
4344	Soil	48	0.80	89	0.094	2	1.63	0.009	0.10	0.1	0.04	3.5	<0.1	<0.05	6	<0.5	<0.2
4345	Soil	52	0.70	113	0.091	3	1.50	0.009	0.11	0.1	0.07	3.7	<0.1	<0.05	5	<0.5	<0.2
4346	Soil	45	0.71	96	0.086	1	1.55	0.009	0.12	0.1	0.05	3.6	<0.1	<0.05	5	<0.5	<0.2
4347	Soil	52	0.73	115	0.088	3	1.78	0.012	0.09	0.1	0.04	3.2	<0.1	<0.05	6	<0.5	<0.2
4348	Soil	47	0.62	84	0.078	3	1.44	0.008	0.09	0.1	0.04	3.2	<0.1	<0.05	5	<0.5	<0.2
4349	Soil	42	0.58	105	0.075	3	1.29	0.008	0.13	0.1	0.07	3.4	<0.1	<0.05	4	<0.5	<0.2
4350	Soil	51	0.53	69	0.086	2	1.30	0.014	0.09	0.1	0.04	4.6	<0.1	<0.05	4	<0.5	<0.2
4351	Soil	50	0.74	110	0.098	2	1.59	0.011	0.15	0.2	0.08	5.4	<0.1	<0.05	4	<0.5	<0.2



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Project:

Jacobie

Report Date:

June 04, 2011

Page:

1 of 1 Part 1

## QUALITY CONTROL REPORT

VAN11002299.1

Method Analyte Unit MDL	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15
	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	La
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm
	0.1	0.1	0.1	1	0.1	0.1	0.1	1	0.01	0.5	0.5	0.1	1	0.1	0.1	0.1	2	0.01	0.001	1
Pulp Duplicates																				
4290	Soil	0.5	29.1	5.1	47	<0.1	12.0	10.6	346	3.47	3.3	2.6	1.1	52	0.1	0.4	<0.1	115	0.54	0.069
REP 4290	QC	0.5	31.0	5.0	51	<0.1	13.1	11.2	360	3.57	3.6	3.2	1.2	53	0.1	0.5	<0.1	117	0.59	0.076
4305	Soil	0.5	27.3	5.7	87	0.1	20.3	11.9	283	3.25	4.8	2.5	1.9	36	0.1	0.3	<0.1	91	0.38	0.125
REP 4305	QC	0.4	25.0	5.4	83	0.1	19.0	10.7	261	2.96	4.3	8.0	1.8	32	0.2	0.3	<0.1	82	0.33	0.111
4322	Soil	0.6	31.3	5.6	98	0.3	17.9	11.7	278	3.58	5.0	2.0	1.5	33	0.3	0.4	<0.1	100	0.33	0.121
REP 4322	QC	0.7	32.1	5.5	97	0.3	17.6	11.8	279	3.58	5.0	1.7	1.5	34	0.2	0.3	<0.1	100	0.34	0.123
4339	Soil	0.5	25.8	5.6	56	0.1	14.0	12.1	498	3.15	5.6	1.6	1.7	37	0.1	0.5	0.1	102	0.36	0.086
REP 4339	QC	0.6	25.3	5.8	57	0.1	14.1	11.6	490	3.09	5.3	3.1	1.7	38	0.1	0.6	<0.1	101	0.36	0.087
4346	Soil	0.6	51.3	5.5	51	<0.1	21.9	14.0	538	3.36	6.6	1.6	1.9	51	<0.1	0.6	<0.1	106	0.48	0.121
REP 4346	QC	0.6	52.9	6.2	52	<0.1	23.1	14.0	554	3.42	6.6	8.7	2.0	51	0.2	0.6	<0.1	106	0.48	0.119
Reference Materials																				
STD DS8	Standard	14.1	118.0	134.1	339	1.9	42.4	8.4	630	2.53	26.9	118.2	7.1	66	2.4	5.7	6.7	45	0.68	0.083
STD DS8	Standard	13.8	121.0	134.1	345	1.9	42.4	8.5	643	2.55	27.1	128.4	6.9	64	2.6	5.7	6.7	45	0.66	0.084
STD DS8	Standard	13.8	114.2	126.8	324	1.8	40.2	7.9	610	2.41	25.9	133.7	6.9	61	2.4	5.4	6.6	43	0.66	0.076
STD DS8	Standard	14.5	117.9	128.0	323	1.8	41.1	8.2	619	2.49	26.2	120.7	6.8	63	2.3	5.7	6.6	44	0.69	0.077
STD DS8	Standard	14.0	110.7	125.7	319	1.8	37.9	7.5	603	2.34	26.1	118.6	6.4	65	2.3	5.7	6.5	41	0.67	0.081
STD DS8	Standard	14.3	116.6	129.2	334	1.9	40.0	7.8	608	2.46	27.3	125.5	6.7	65	2.4	5.6	6.7	44	0.68	0.082
STD DS8 Expected		13.44	110	123	312	1.69	38.1	7.5	615	2.46	26	107	6.89	67.7	2.38	5.7	6.67	41.1	0.7	0.08
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001
BLK	Blank	<0.1	<0.1	<0.1	<1	<0.1	<0.1	<0.1	<1	<0.01	<0.5	<0.5	<0.1	<1	<0.1	<0.1	<0.1	<2	<0.01	<0.001



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Page: 1 of 1 Part 2

## QUALITY CONTROL REPORT

VAN11002299.1

Method	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	1DX15	
Analyte	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Hg	Sc	Tl	S	Ga	Se	Te	
Unit	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	
MDL	1	0.01	1	0.001	1	0.01	0.001	0.01	0.1	0.01	0.1	0.1	0.05	1	0.5	0.2	
Pulp Duplicates																	
4290	Soil	30	0.58	70	0.117	4	1.05	0.008	0.08	0.2	0.03	2.9	<0.1	<0.05	6	<0.5	<0.2
REP 4290	QC	32	0.62	73	0.119	3	1.10	0.008	0.08	0.2	0.04	3.1	<0.1	<0.05	6	<0.5	<0.2
4305	Soil	38	0.67	99	0.095	3	1.58	0.006	0.16	0.1	0.05	2.9	<0.1	<0.05	6	<0.5	<0.2
REP 4305	QC	35	0.61	92	0.085	3	1.44	0.006	0.14	0.1	0.04	2.5	<0.1	<0.05	5	<0.5	<0.2
4322	Soil	36	0.58	98	0.094	3	1.78	0.007	0.07	0.2	0.04	3.1	<0.1	<0.05	7	<0.5	<0.2
REP 4322	QC	37	0.57	98	0.096	3	1.80	0.007	0.06	0.2	0.04	3.1	<0.1	<0.05	7	<0.5	<0.2
4339	Soil	37	0.45	105	0.090	3	1.05	0.006	0.08	0.1	0.03	2.7	<0.1	<0.05	5	<0.5	<0.2
REP 4339	QC	37	0.44	103	0.092	2	1.06	0.008	0.08	0.2	0.04	2.8	<0.1	<0.05	5	<0.5	<0.2
4346	Soil	45	0.71	96	0.086	1	1.55	0.009	0.12	0.1	0.05	3.6	<0.1	<0.05	5	<0.5	<0.2
REP 4346	QC	45	0.70	97	0.087	3	1.58	0.012	0.12	0.1	0.06	3.7	<0.1	<0.05	5	<0.5	<0.2
Reference Materials																	
STD DS8	Standard	127	0.62	293	0.121	2	0.92	0.086	0.44	3.0	0.22	2.2	5.7	0.17	5	5.5	4.9
STD DS8	Standard	128	0.62	286	0.114	3	0.89	0.085	0.43	3.1	0.21	2.1	5.7	0.15	5	4.9	5.4
STD DS8	Standard	120	0.60	261	0.117	3	0.86	0.085	0.41	3.0	0.21	1.9	5.5	0.13	5	5.0	5.0
STD DS8	Standard	123	0.61	267	0.124	3	0.89	0.083	0.41	3.1	0.19	2.0	5.7	0.14	5	4.8	5.2
STD DS8	Standard	115	0.62	287	0.111	3	0.86	0.090	0.42	2.9	0.22	2.0	5.5	0.14	4	5.1	5.1
STD DS8	Standard	123	0.62	286	0.115	2	0.90	0.094	0.44	2.8	0.22	1.9	5.6	0.16	5	5.2	5.4
STD DS8 Expected		115	0.6045	279	0.113	2.6	0.93	0.0883	0.41	3	0.192	2.3	5.4	0.1679	4.7	5.23	5
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2
BLK	Blank	<1	<0.01	<1	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.01	<0.1	<0.1	<0.05	<1	<0.5	<0.2