

Ministry of Energy, Mines & Petroleum Resources
Mining & Minerals Division
BC Geological Survey

Assessment Report
Title Page and Summary

TYPE OF REPORT [type of survey(s)]: Geological and Geochemical report Miracle Property

TOTAL COST: \$28,154

AUTHOR(S): P.E.Fox PhD P.Eng

SIGNATURE(S): _____



NOTICE OF WORK PERMIT NUMBER(S)/DATE(S): _____

YEAR OF WORK: 2017

STATEMENT OF WORK - CASH PAYMENTS EVENT NUMBER(S)/DATE(S): 5658119 July 28, 2017

PROPERTY NAME: Miracle

CLAIM NAME(S) (on which the work was done): 1052772, 1052773

COMMODITIES SOUGHT: Copper, gold

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN: 93A059

MINING DIVISION: Cariboo

NTS/BCGS: 93A5

LATITUDE: 52 ° 29 ' " **LONGITUDE:** 121 ° 44 ' " (at centre of work)

OWNER(S): EAGLE PEAK
1) RESOURCES

2) 5

MAILING ADDRESS: 910-475 West Georgia St

Vancouver BC

OPERATOR(S) [who paid for the work]: EAGLE PEAK
1) RESOURCES

2)

MAILING ADDRESS: 910-475 West Georgia St

Vancouver BC

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

Epithermal silver veins and disseminated chalcopyrite-molybdenum occur in Upper Triassic volcanic rocks, argillite, hornfels and Cretaceous granitic dikes.

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:

Fox, PE 2016, Report on the Miracle Property, Aris 36250; Hodgson 1970, Report on the Gavin Lake Property, Aris report 2733

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 _____ Photo interpretation _____	2.1 sq Km 1:5000	1052772, 1052773	\$18,000
GEOPHYSICAL (line-kilometres) Ground Magnetic _____ Electromagnetic _____ Induced Polarization _____ Radiometric _____ Seismic _____ Other _____ Airborne _____			
GEOCHEMICAL (number of samples analysed for...) Soil 42 samples, 37 elements including Cu Mo Au Ag _____ _____ Silt _____ Rock _____ Other _____			\$10,154
DRILLING (total metres; number of holes, size) Core _____ Non-core _____			
RELATED TECHNICAL Sampling/assaying _____ Petrographic _____ Mineralogaphic _____ 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:	\$28,154

ASSESSMENT REPORT

GEOLOGICAL AND GEOCHEMICAL REPORT
MIRACLE PROSPECT

Cariboo Mining Division

NTS 93A5

Latitude 52° 29', Longitude 121°44'

UTM 10 5817001N, 585821E

For

EAGLE PEAK RESOURCES INC

910 – 475 West Georgia St

Vancouver, BC

By

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

Richmond, B.C.

September 15, 2017

Event No.5658119

Miracle 1-4 Claims

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SUMMARY

This report documents work done by Eagle Peak Resources Inc in 2017 on the Miracle prospect. Work comprised soil sampling and geological mapping near Gavin Lake, British Columbia.

The Miracle soil sampling program comprised 42 soil samples collected at 100m intervals on local road networks southwest of Gavin Lake. Copper contents of the Miracle soils range from 28 to 338 ppm. Average copper content is 81 ppm. Molybdenum contents range from 0.5 to 10 ppm and average 1.5 ppm. Both Mo and Cu are at regional background levels. Gold ranges from 1 to 116 ppb and average 8 ppb. Two samples near Little Lake returned anomalous gold contents, 38 and 116 ppb.

Geological work extended and refined previous work done in 2013 and 2016. The rock succession on the property established by this year's mapping program comprises an east-dipping assemblage of Upper Triassic and Lower Jurassic rocks seen elsewhere in the Mount Polley and nearby Morehead Lake areas. Felsic poly lithologic breccia and associated tuffs are exposed south of Little Lake and a poorly sorted and often chaotic conglomerate consisting of subrounded felsic clasts 2-10 cm, basalt fragments, felsic breccia clasts up to 25cm, and rare angular clasts of pinkish syenite (?) is exposed to the south. A thick sequence of basaltic rocks lies in low-lying timbered terrain to the west. The above rocks are cut by small stocks of pyroxenite and diorite/gabbro..

The purpose of the geochemical survey was to follow up copper anomalies identified in this area by previous workers. Further work is recommended to follow up anomalous gold contents identified this year in soils south of Little Lake. Expenditures total \$28,154.

INTRODUCTION

This report documents work done by Eagle Peak Resources Inc in 2017 on the Miracle prospect, Gavin Lake area, originally part of a large claim block known as the Miocene project. Work comprised geological mapping south of Little Lake and soil sampling to follow up previous work. Results of the program are detailed herein and recommendations made for continuing work. Expenditures total \$28,154. Work was paid for by Eagle Peak Resources.

LOCATION

The Miracle property lies in the Cariboo Mining Division on map sheet 093A/5 (Figure 1). The Gavin Lake prospects lie west and north of Gavin Lake 20 km southwest of Likely. It is reached via the Gavin Lake road 3 km from the Likely Highway.

The claims lie in the Quesnel Highlands physiographic area of the Interior Plateau east of Williams Lake; a sweeping vista of lakes, broad valleys and wooded uplands. Harsh winters and inclement overcast summer days promote a thick growth of pine, spruce, birch, alder and poplar interspersed with meandering streams, shallow lakes and grasslands, boggy wetlands and thick brushy understory. Glacial till, both lodgment and outwash, is often thick and outcropping bedrock, generally Roche moutonee, rocky escarpments and rubble, is sparse.

CLAIMS

The Property consists of 4 mineral tenures¹ covering 6299 hectares (Figure 2, Table 1). Expiry dates assume the work documented herein is accepted for assessment requirements. Work was filed on July 28, 2017 under event # 5658119. Work was completed between July 2, 2017 and July 8, 2017 under Mine Permit MX-10-211 and applied to the Miracle 1-4 claims.

HISTORY

Placer and bedrock exploration of the Likely - Horsefly region began with the discovery of 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 and there is evidence of gold prospecting within the claim area along Teasdale Creek. 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

¹ *Claim holdings were amalgamated on June 27 2017*

TABLE 1 CLAIM LIST

Title Number	Claim	Expiry	Area ha
1052772	MIRACLE 1	2018/SEP/30	1613.9
1052773	MIRACLE 2	2018/SEP/30	1574.5
1052774	MIRACLE 3	2018/SEP/30	1635.4
1052777	MIRACLE 4	2018/SEP/30	1575.4

kilometers to the northeast of the claim area, was discovered in 1966 and commenced production in 1997. More recently the Woodjam porphyry copper deposit was discovered south of Horsefly in 2007. Interest in the Miracle prospect (Minfile 93A059) at Gavin Lake, also known as the Wet and Gavin copper-molybdenum prospects, was prompted by the discovery of Mount Polley and later the QR gold deposit. Numerous exploration programs have been carried out in the region around Gavin Lake since then. Much of the work was carried out by Amax Exploration in 1970 (Hodgson, 1970), Zubex Resources in 1973 (Westervelt, 1974) and Brican Resources (Crandall, 1979), who collectively targeted the copper-molybdenum mineralization immediately north of Gavin Lake. Amax completed an extensive program of geological mapping, trenching, and soil rock and silt sampling. Soil sampling by Zubex and later by Longboat Resources (Carter and Barclay, 1984) covered the area west of the Gavin prospect. Brican completed soil sampling and induced polarization surveys over the Miracle showing² in 1979. More recently, a compilation report on the property was completed by Wallis in 1995 (Wallis, 1995). Eagle Peak Resources completed geochemical sampling north of the Miracle vein prospect in 2009 and 981 m of diamond drilling in 2010 to follow up geochemical results and to test the Miracle vein at depth. Geochemical surveys and geological mapping were completed in 2013 and 2015 (Fox 2013, 2015, 2016) north and south of Gavin and Little Lakes.

REGIONAL GEOLOGY

The Miracle claim group (Figure 3) lies along the Central Quesnel Terrane, a complex island arc, continental margin basin(?) forming a highly faulted regional synclinal structure west of the North American plate during the Triassic-Jurassic (Panteleyev et al, 1996). Bailey (personal communication 2016) suggests that the nearby Morehead sediments and volcanic rocks are part of, was deposited *after* Quesnellia had docked with Jurassic North America.

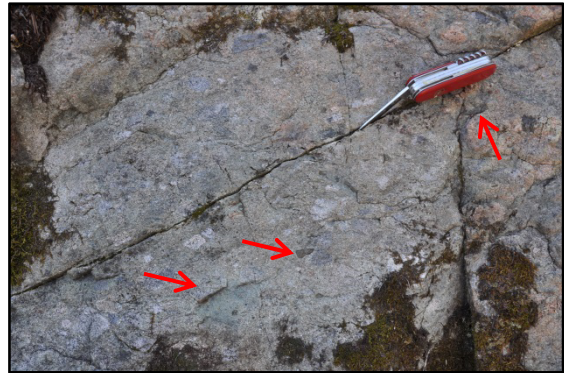
The oldest strata in the region are black shale, argillite, siltstone and sandstone of Middle Triassic age. These rocks underlie much of the Miracle claim area. Overlying this older unit are basaltic (arc alkalic

² Originally discovered by Merna Lloyd in 1965.

basalts)³ pillow lava and breccia of Norian age and still younger argillite and bedded sections of felsic breccia and tuff. These rocks are cut by numerous Cretaceous granitic bodies and are overlain by regionally extensive flat lying Chilcotin group basalt flows of Miocene age. Geology of the Miracle prospect is given below.

GEOLOGY

Local geology is given in Figure 4 in part compiled from Hodgson (1970), Panteleyev et al (1996) and Fox (2013, 2015, and 2016). North and south of Gavin Lake, pyritic siltstone forms bedrock units (Unit 1 of Panteleyev et al, 1996) on the western portion of the property and coarse basaltic tuff and breccia lie to the east and west. These strata are cut by a westerly striking dike complex of porphyritic quartz monzonite and granite (Gavin Intrusions). Copper and molybdenite showings in these rocks attracted attention to the claim area originally as a porphyry target. South of Little Lake, mapping in 2013 (Fox 2013) discovered previously unmapped strata of basaltic rocks and felsic units comprising felsic breccia, conglomerate and tuff. Mapping this year revised much of this early work and extended mapping to the nearby ridge areas.



Felsic tuff breccia, Little Lake ridge area, black pumice(?) fragments (red arrows)



Graded water lain felsic tuff beds

The rock succession south of Little Lake comprises an assemblage of Upper Triassic and Lower Jurassic rocks. Rocks exposed on a rocky summit south of Little Lake comprise poorly sorted to well bedded and locally laminated feldspathic tuff together with local beds of matrix-supported tuff breccia and lapillistone. Breccia units consist of subangular to rounded clasts of felsic porphyry, minor mafic clasts and rare elongate pumice fragments(?) all in a tuffaceous matrix (Unit 3b of Panteleyev et al, 1996). Tuff beds are commonly graded with tops to the west. At lower elevations to the north and west, these rocks overlie a thick unit of easterly-dipping, rusty, iron carbonate-altered black argillite, siltstone and breccia and, farther west, (olivine) augite basalt⁴. Farther south along the Fire Lake road, chaotic conglomerate consisting of compact rounded felsic clasts

³ Chemically the basalts are "shoshonites", see discussion in Panteleyev et al, 1996

⁴ A similar stratigraphic sequence is seen at Maud Lake 25 km north (Fox 1988) and at the nearby QR mine.

2-10 cm, basalt, clasts of felsic breccia up to 25cm, and rare clasts of pinkish syenite is exposed over 500m.

The above rock sequence is terminated by a northeast fault near Little Lake. Basaltic rocks (unit 2 of Panteleyev et al, 1996) underlie timbered low-lands to the west at the head waters of Prouton Creek and overlie siltstone and argillite near the west boundary of the property.

The above rocks are cut by bodies of massive pyroxenite and diorite/gabbro exposed south of the area mapped in 2013 (Figure 4). A sample of diorite/gabbro exposed near the south boundary of the claims on a branch of the Fire Lake road was submitted for whole rock analysis in 2016⁵. The diorite is massive, hypidiomorphic and consists of 50% hornblende, 10% biotite and 40% pinkish intergranular K feldspar and plagioclase. This unit is similar to other intrusive rocks in the region particularly the QR diorite stock on the Quesnel River. Small bodies of pyroxenite are exposed on Road#3 and consist of coarse grained blocky augite and trace plagioclase.

Basalt units described herein may be as much as 1500m thick and the overlying felsic unit exposed on the ridge tops south of Little Lake is at least 100m thick. Likewise the Fire Lake conglomerate is at least 200m thick.

MINERALIZATION

The well-known Miracle epithermal vein north of Gavin Lake just northeast of the work area occurs within the basalt unit and local tuff and thin siltstone interbeds along a sheared contact of a north-striking body of porphyritic granite of the Gavin intrusions. The veins form a complex zone of stockwork and massive quartz several metres thick exposed over a vertical distance of some 50 m. The zone strikes north and dips steeply west. It consists of ribboned quartz, chalcedony and lesser calcite, iron carbonate, roscolite and disseminated pyrite, galena, sphalerite and rare bornite. Drusy vugs are common and often contain lamellar calcite. Silicification and an outer envelope of clay and iron carbonate alteration of the host rocks are common. Reddish brown quartz-iron carbonate gossans are common at depth below the quartz-rich lodes. Elsewhere quartz-iron carbonate zones are common throughout the district and well exposed along the Gavin and Shelterwood roads within the map area.

Volcanic units are often pyritic and locally hornfelsed. They contain disseminated chalcopryite, molybdenite and bornite associated with porphyry style quartz-K feldspar stockworks and K feldspar potassic alteration marginal to dikes of porphyritic quartz monzonite and granite. Minor amounts of disseminated chalcopryite were noted in 2013 in tuffs and breccia exposed on the Shelterwood road south of Little Lake, a westerly extension of Gavin Lake. Broad areas of iron carbonated-altered rocks containing pyrrhotite and minor chalcopryite are exposed on road cuts on road #2.

⁵ *Rock contains 53% SiO₂, 8.4% tot alkalis and is weakly nepheline and olivine normative.*

WORK PROGRAM

The 2017 soil sampling program comprised 42 soil samples collected from glacial tills at approximately 100m along the road network south of Little Lake together with geological mapping south of Little Lake (Figure 2). The purpose of the sampling work was to continue reconnaissance geochemical sampling work of earlier programs by Westervelt (1974), Carter and Barclay (1984) and Fox (2013, 2015, 2016). Sample numbers are given in Figure 5 along with copper, gold and molybdenum contents. Sample data are given in Appendix I and analytical certificates in Appendix II. Samples were taken of B horizon soils, usually poorly developed, and a greyish C horizon of rocky, clay-rich material close to bedrock. Tills are generally clay-rich and thin, less than five metres thick. Sample depths were recorded at each site, usually 15 cm, and are tabulated in Appendix I. Samples were collected in Kraft sample bags and submitted to Bureau Veritas Minerals - *Acme Laboratories* - in Vancouver, BC. Analytical methods used were code AQ251 aqua regia digestion ICP-MS (37 elements) using the -80mesh fraction (prep code SS80) of dried and screened soil material (15 gm aliquot). Detection limits for copper and molybdenum are 0.1 ppm.

Geological mapping, an on-going program, covered timbered ridges south of Little Lake (Figure 4) along the Shelterwood road networks and nearby terrain. This work extended prior work started in 2013. Some 2.1 km² were covered this year (Figure 4) within the claim block.

RESULTS

Results for copper (ppm), gold (ppb) and molybdenum (ppm) are given in Figure 5 and set out in Appendix I. Copper contents of the Miracle soils range from 28 to 338 ppm. Average copper content is 81 ppm. Molybdenum contents range from 0.5 to 10 ppm and average 1.5 ppm. Gold contents range from 0.5 to 116 ppb. Both Mo and Cu are at regional background levels. Two samples (3420, 3421) near Little Lake returned anomalous gold contents, 38 and 116 ppb respectively.

Mapping this year better defined the felsic rocks exposed south of Little Lake. These rocks appear to consist of steeply dipping interbedded tuff breccia, locally with minor pumice, lapillstone and well bedded water-lain laminated tuff. The unit here is at least 100m thick and belongs to the felsic breccia unit 3b of Panteleyev et al (1996). It probably represents an isolated dome-building episode following extensive basaltic volcanism and mudstone deposition. The stratigraphic section exposed at Little Lake is quite similar to that at Maud Lake farther north but there, in contrast, coherent latite(?) flows and fragmentation breccia are common at the base of the unit and the overall felsic section at Maud is much thicker, up to 300m.

COST STATEMENT

Work expenditures, including gst costs, are tabulated below in Table 2.

RECOMMENDATIONS

Further sampling should be done to follow up anomalous gold contents in samples 3420 and 3421.

TABLE 2. EXPENDITURES

Miracle Project	Item, time	Rates	Subcost	Cost
Labour (incl travel)	M Bailey sampler: July 2-5, 2017	4 days@\$245	980	
	L..Tattersall, technician,prospector July 2., 2017	1 days@300	300	
Supervision, travel Mapping,sampling	P Fox, geologist i/c, supervision: July 2-8, 2017	7 days@1800	12600	14,480
Accomodation	Williams Lake	7 days@\$165		1155
Food supplies, meals	11 mandays	\$55/day		605
Truck rentals, fuel mileage (1525km)	1 4wd Ford F150, July 2-8, 2017	201 L @ 1.25 1821 km @ .68	251 1238	1489
Analyses	BV Acme labs, Vancouver AQ251 37 elements, -80m ss80 prep	42 samples@ \$30		1260
Field costs	Sample bags, material, maps			165
Report Preparation Maps, interpretation	P Fox Phd PEng Aug 8-13 2017, Manifold software plots,data compilation, report	5 days@ 1800		9000
Project total				\$28,154

Prepared by



P.E. Fox PhD.,P.Eng

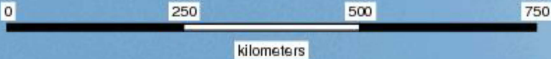
September 15, 2017

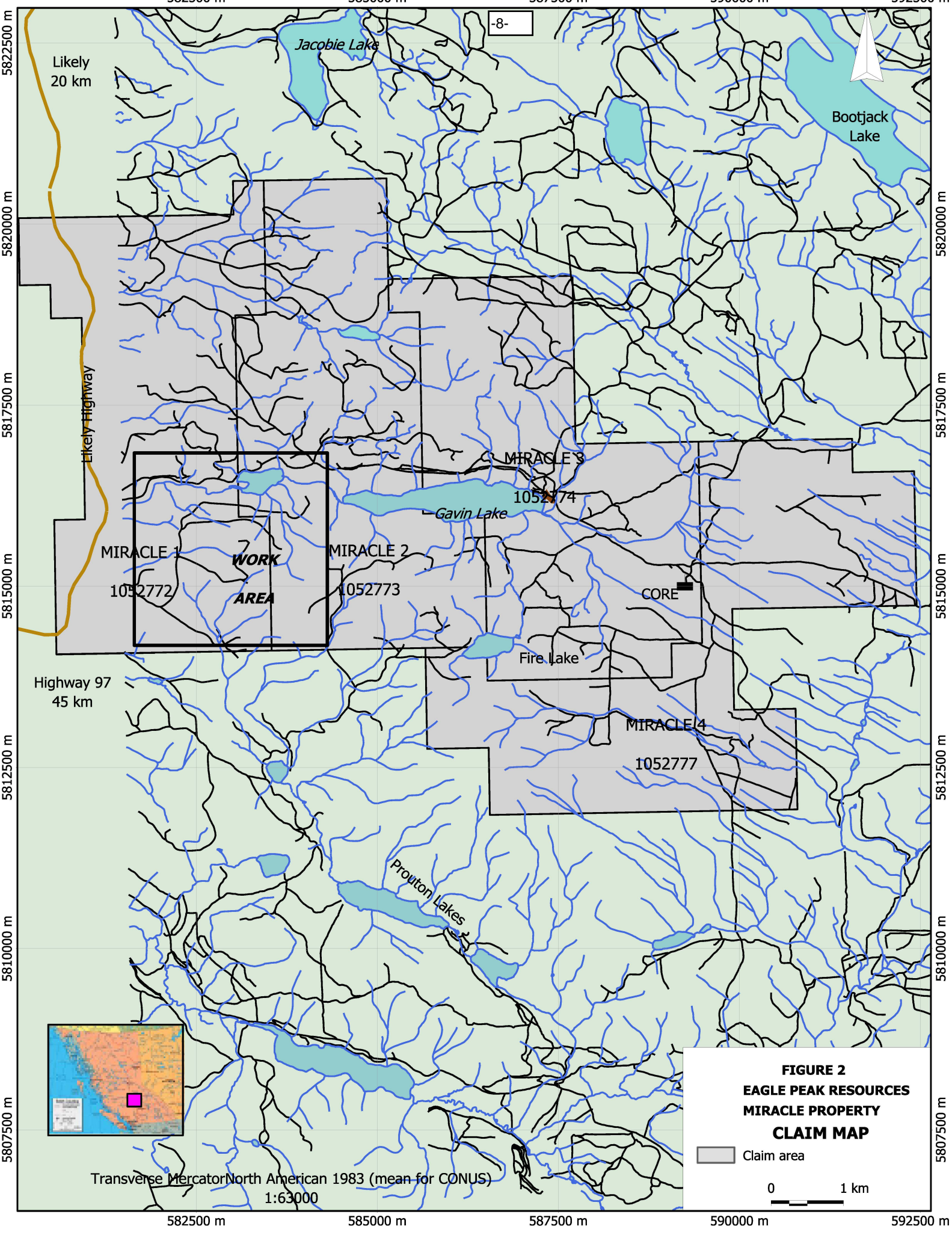




FIGURE 1
LOCATION MAP

NORTH PACIFIC
OCEAN





Likely
20 km

Likely Highway

Highway 97
45 km

MIRACLE 1
1052772

**WORK
AREA**

MIRACLE 2
1052773

MIRACLE 3
1052774

CORE

MIRACLE 4
1052777



Transverse Mercator North American 1983 (mean for CONUS)
1:63000

**FIGURE 2
EAGLE PEAK RESOURCES
MIRACLE PROPERTY
CLAIM MAP**

Claim area

0 1 km

582500 m

585000 m

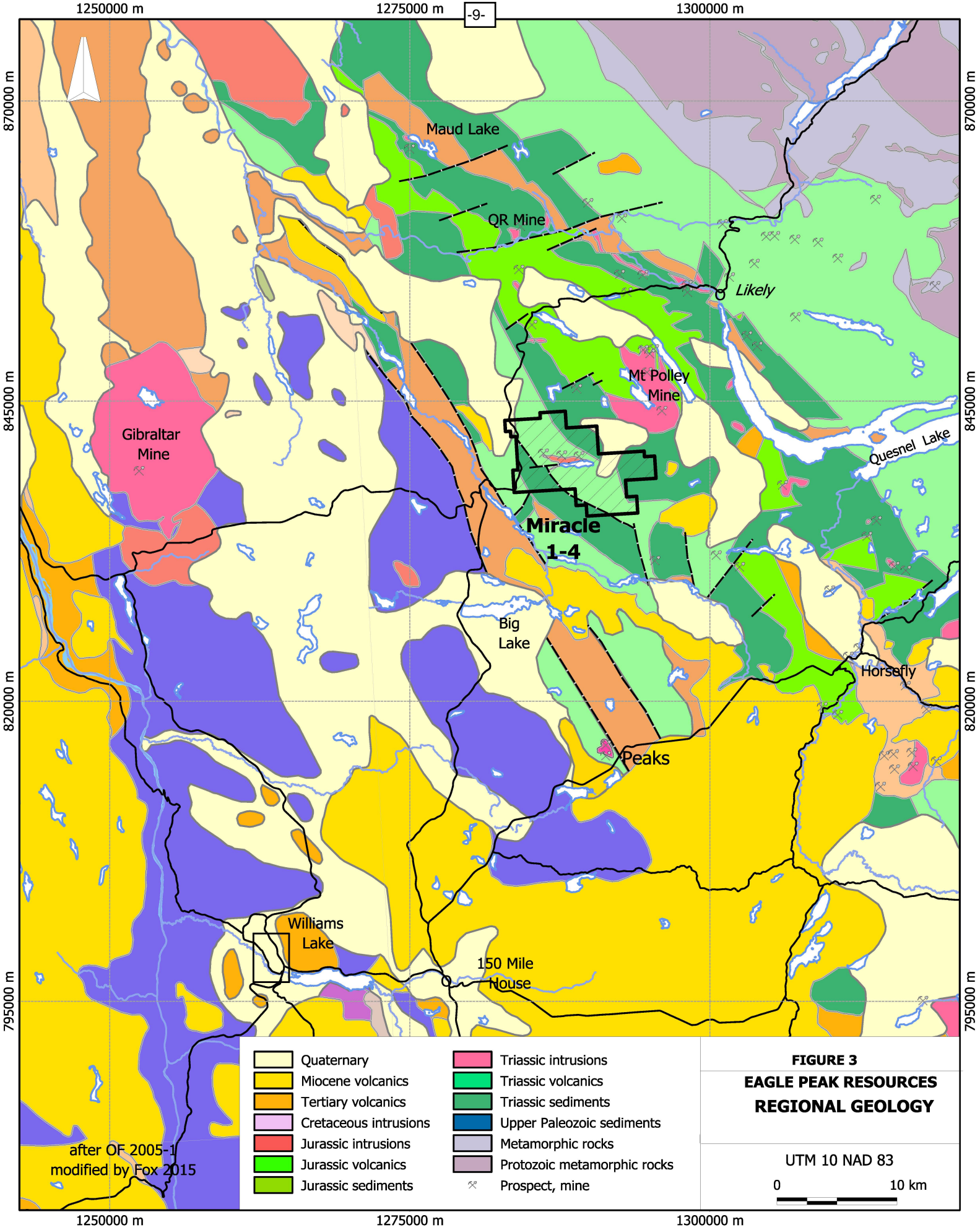
587500 m

590000 m

592500 m

5822500 m
5820000 m
5817500 m
5815000 m
5812500 m
5810000 m
5807500 m


5822500 m
5820000 m
5817500 m
5815000 m
5812500 m
5810000 m
5807500 m



- | | | | |
|---|-----------------------|---|-----------------------------|
|  | Quaternary |  | Triassic intrusions |
|  | Miocene volcanics |  | Triassic volcanics |
|  | Tertiary volcanics |  | Triassic sediments |
|  | Cretaceous intrusions |  | Upper Paleozoic sediments |
|  | Jurassic intrusions |  | Metamorphic rocks |
|  | Jurassic volcanics |  | Protozoic metamorphic rocks |
|  | Jurassic sediments |  | Prospect, mine |

FIGURE 3
EAGLE PEAK RESOURCES
REGIONAL GEOLOGY

UTM 10 NAD 83
 0 10 km



after OF 2005-1
 modified by Fox 2015

582000 m

583500 m

585000 m

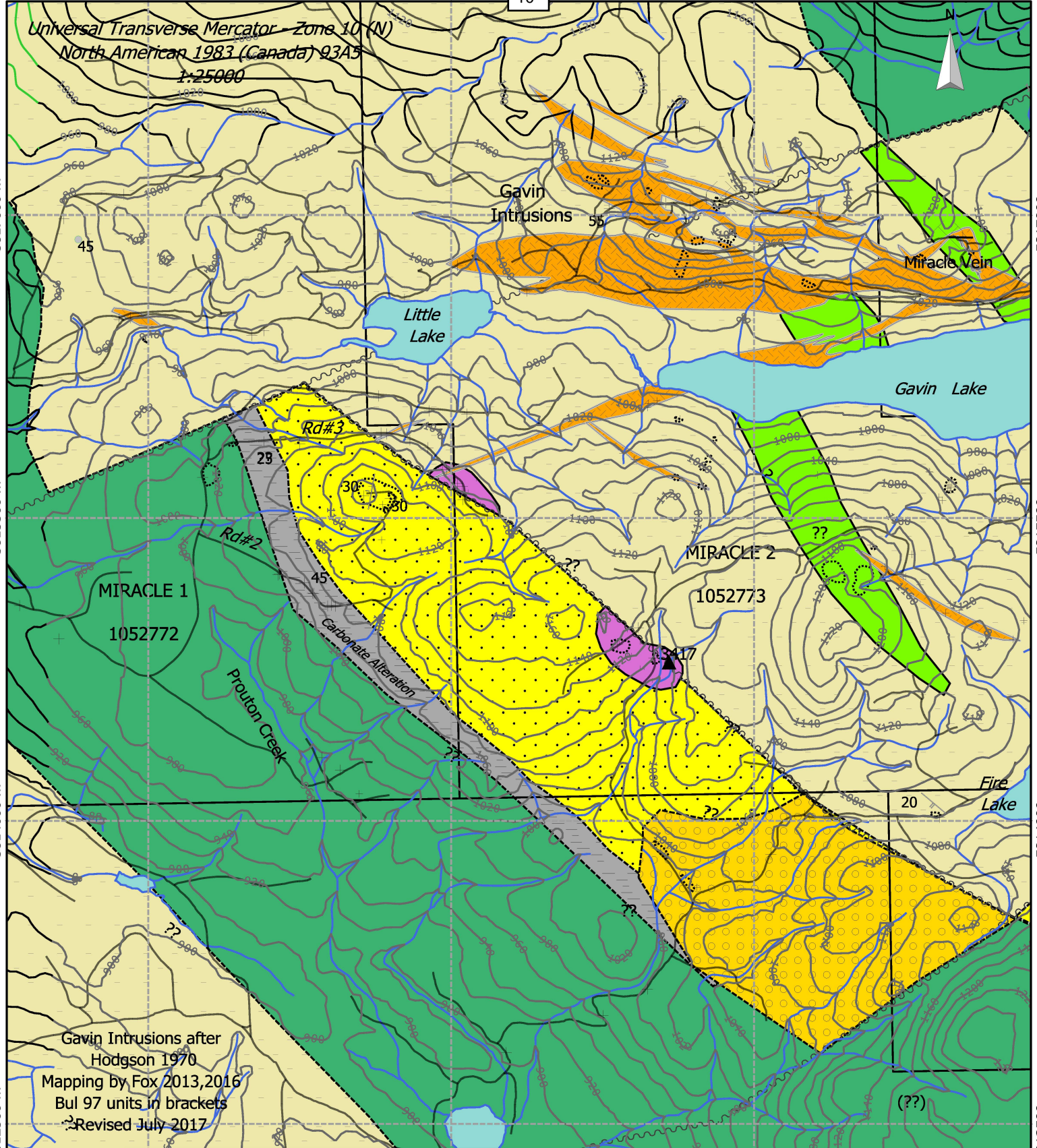
-10-

Universal Transverse Mercator - Zone 10 (N)
North American 1983 (Canada) 93A5
1:25000



5817000 m
5815500 m
5814000 m
5812500 m

5817000 m
5815500 m
5814000 m
5812500 m



Gavin Intrusions after
Hodgson 1970
Mapping by Fox 2013,2016
Bul 97 units in brackets
Revised July 2017

LEGEND	
CRETACEOUS	
	Gavin Intrusions: quartz porphyry
UPPER TRIASSIC (NICOLA GROUP)	
	Gabbro and pyroxenite (7)
	Conglomerate, breccia (3g)
	Tuff, breccia and siltstone (3b)
	Black argillite (3c?), minor sandstone
	Augite basalt (2a)
	Pyroxene basalt (1b)
	Volcanic siltstone, tuff, argillite (1)
	Rock analysis 3417
	Fault (assumed)
	Showing
	Outcrop
	Outcrop area
	Bedding

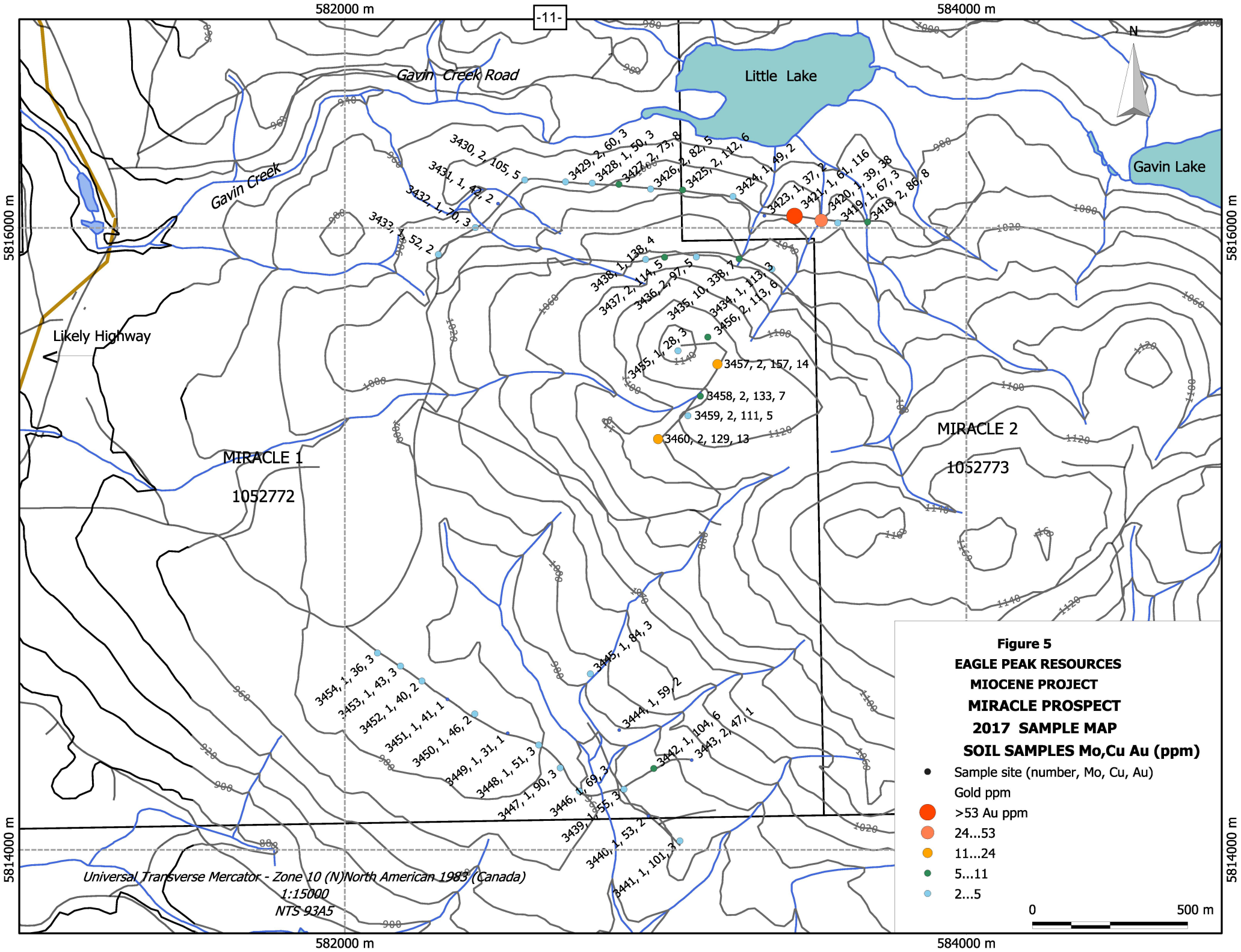


Figure 4
EAGLE PEAK RESOURCES
MIRACLE PROPERTY
GEOLOGICAL MAP

582000 m

583500 m

585000 m



-11-

Gavin Creek Road

Little Lake

Gavin Lake

Gavin Creek

Lively Highway

MIRACLE 1
1052772

MIRACLE 2
1052773

3430, 2, 105, 5

3431, 1, 40, 2

3432, 1, 70, 3

3433, 1, 52, 2

3429, 2, 60, 3

3428, 1, 50, 3

3427, 2, 75, 8

3426, 2, 82, 5

3425, 2, 112, 6

3424, 1, 19, 2

3423, 1, 37, 2

3422, 1, 61, 116

3420, 1, 39, 38

3419, 1, 67, 3

3418, 2, 86, 8

3438, 1, 138, 4

3437, 2, 114, 5

3436, 2, 97, 5

3435, 10, 338, 7

3434, 1, 113, 3

3433, 2, 113, 9

3455, 1, 28, 3

3457, 2, 157, 14

3458, 2, 133, 7

3459, 2, 111, 5

3460, 2, 129, 13

3454, 1, 36, 3

3453, 1, 43, 3

3452, 1, 40, 2

3451, 1, 41, 1

3450, 1, 46, 2

3449, 1, 31, 1

3448, 1, 51, 3

3447, 1, 90, 3

3446, 1, 69, 3

3439, 1, 55, 3

3445, 1, 84, 3

3444, 1, 59, 2

3442, 1, 104, 6

3443, 2, 47, 1

3440, 1, 53, 2

3441, 1, 101, 3

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 and Geochemical Report, Miracle Prospect” dated September 15, 2017 and supervised all of the work therein.

Dated at Richmond, British Columbia this 15th Day of September, 2017

Respectfully submitted,



Peter E. Fox PhD., P.Eng.

September 15, 2017



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APPENDIX I

MIRACLE PROPERTY

SAMPLE DATA

UTM NAD 83

GEOCHEMICAL SOIL DATA

Sample	utmE	utmN	wpt	Sampler	Type	Material	Hor	Color	Topo	Depth cm	Mo ppm	Cu ppm	Au ppb
3418	583682	5816019	232	Fox,Bailey	Soil	Till	C	Brown	Hillside	5	2	86	8
3419	583586	5816016	233	Fox,Bailey	Soil	Till	C	Brown	Hillside	5	1	67	3
3420	583533	5816024	235	Fox,Bailey	Soil	Till	C	Brown	Hillside	5	1	39	38
3421	583447	5816038	236	Fox,Bailey	Soil	Till	C	Brown	Hillside	10	1	61	116
3423	583350	5816039	237	Fox,Bailey	Soil	Till	C	Brown	Hillside	5	1	37	2
3424	583249	5816101	239	Fox,Bailey	Soil	Till	C	Red/Brown	Hillside	10	1	49	2
3425	583087	5816122	240	Fox,Bailey	Soil	Till	C	Brown	Hillside	5	2	112	6
3426	582984	5816125	241	Fox,Bailey	Soil	Till	B	Brown	Hillside	5	2	82	5
3427	582882	5816140	242	Fox,Bailey	Soil	Till	C	Brown	Hillside	5	2	73	8
3428	582796	5816144	243	Fox,Bailey	Soil	Till	C	Brown	Hillside	5	1	50	3
3429	582710	5816148	244	Fox,Bailey	Soil	Till	C	Red/Brown	Hillside	3	2	60	3
3430	582579	5816154	245	Fox,Bailey	Soil	Till	B	Brown	Hillside	5	2	105	5
3431	582493	5816078	246	Fox,Bailey	Soil	Till	C	Brown	Hillside	5	1	42	2
3432	582420	5816001	247	Fox,Bailey	Soil	Till	C	Brown	Hillside	10	1	70	3
3433	582301	5815915	248	Fox,Bailey	Soil	Till	C	Brown	Hillside	5	1	52	2
3434	583374	5815868	249	Fox,Bailey	Soil	Till	C	Brown	Hillside	10	1	113	3
3435	583269	5815901	250	Fox,Bailey	Soil	Till	C	Brown	Hillside	5	10	338	7
3436	583131	5815907	251	Fox,Bailey	Soil	Till	C	Brown	Hillside	5	2	97	5
3437	583029	5815906	252	Fox,Bailey	Soil	Till	C	Brown	Hillside	8	2	114	5
3438	582968	5815899	253	Fox,Bailey	Soil	Till	C	Brown	Hillside	5	1	138	4
3439	582898	5814195	254	Fox,Bailey	Soil	Till	C	Brown	Hillside	5	1	55	3
3440	582977	5814109	255	Fox,Bailey	Soil	Till	C	Brown	Hillside	5	1	53	2
3441	583078	5814029	256	Fox,Bailey	Soil	Till	C	Brown	Hillside	5	1	101	3
3442	582994	5814262	257	Fox,Bailey	Soil	Till	C	Brown	Hillside	5	1	104	6
3443	583116	5814289	258	Fox,Bailey	Soil	Till	C	Brown	Hillside	5	2	47	1
3444	582883	5814385	259	Fox,Bailey	Soil	Till	C	Brown	Hillside	5	1	59	2
3445	582790	5814566	260	Fox,Bailey	Soil	Till	C	Brown	Hillside	5	1	84	3
3446	582755	5814189	261	Fox,Bailey	Soil	Till	C	Brown	Hillside	5	1	69	3
3447	582693	5814264	262	Fox,Bailey	Soil	Till	C	Brown	Hillside	5	1	90	3
3448	582624	5814337	263	Fox,Bailey	Soil	Till	C	Brown	Hillside	5	1	51	3
3449	582524	5814375	264	Fox,Bailey	Soil	Till	C	Brown	Hillside	5	1	31	1
3450	582418	5814437	265	Fox,Bailey	Soil	Till	C	Brown	Hillside	5	1	46	2

GEOCHEMICAL SOIL DATA

Sample	utmE	utmN	wpt	Sampler	Type	Material	Hor	Color	Topo	Depth cm	Mo ppm	Cu ppm	Au ppb
3451	582330	5814484	266	Fox,Bailey	Soil	Till	C	Brown	Hillside	5	1	41	1
3452	582248	5814543	267	Fox,Bailey	Soil	Till	C	Brown	Hillside	5	1	40	2
3453	582179	5814591	268	Fox,Bailey	Soil	Till	C	Brown	Hillside	5	1	43	3
3454	582105	5814633	269	Fox,Bailey	Soil	Till	C	Brown	Hillside	5	1	36	3
3455	583072	5815605	270	Fox,Bailey	Soil	Till	C	Brown	Hillside	5	1	28	3
3456	583168	5815649	271	Fox,Bailey	Soil	Till	C	Brown	Hillside	5	2	113	6
3457	583199	5815562	272	Fox,Bailey	Soil	Talus	C	Orange	Hillside	5	2	157	14
3458	583144	5815459	273	Fox,Bailey	Soil	Till	C	Brown	Hillside	5	2	133	7
3459	583104	5815396	274	Fox,Bailey	Soil	Till	C	Brown	Hillside	5	2	111	5
3460	583008	5815321	275	Fox,Bailey	Soil	Till	C	Brown	Hillside	5	2	129	13

APPENDIX II**MIRACLE PROPERTY****CERTIFICATES**

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES					
Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
DY060	42	Dry at 60C			VAN
SS80	42	Dry at 60C sieve 100g to -80 mesh			VAN
SVRJT	42	Save all or part of Soil Reject			VAN
AQ251	42	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN



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Client: **Eagle Peak Resources Inc.**
910 - 475 W. Georgia St.
Vancouver British Columbia V6B 4M9 Canada

Submitted By: Lloyd Tattersall
Receiving Lab: Canada-Vancouver
Received: August 25, 2017
Report Date: September 10, 2017
Page: 1 of 3

CERTIFICATE OF ANALYSIS

VAN17001862.1

CLIENT JOB INFORMATION

Project: Miracle
Shipment ID:
P.O. Number
Number of Samples: 42

SAMPLE DISPOSAL

PICKUP-PLP Client to Pickup Pulps
PICKUP-RJT Client to Pickup Rejects

Bureau Veritas 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.
910 - 475 W. Georgia St.
Vancouver British Columbia V6B 4M9
Canada

CC: Peter Fox

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Procedure Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
DY060	42	Dry at 60C			VAN
SS80	42	Dry at 60C sieve 100g to -80 mesh			VAN
SVRJT	42	Save all or part of Soil Reject			VAN
AQ251	42	1:1:1 Aqua Regia digestion Ultratrace ICP-MS analysis	15	Completed	VAN

ADDITIONAL COMMENTS



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. Bureau Veritas assumes the liabilities for actual cost of analysis only. Results apply to samples as submitted.
*** asterisk indicates that an analytical result could not be provided due to unusually high levels of interference from other elements.



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CERTIFICATE OF ANALYSIS

VAN17001862.1

Method	Analyte	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
3418	Soil	2.29	85.54	6.59	76.0	133	50.1	19.6	763	4.08	40.5	0.6	7.5	2.4	52.3	0.25	2.11	0.59	115	0.51	0.103
3419	Soil	1.47	67.29	6.51	94.5	365	55.7	19.1	572	3.72	15.1	0.6	2.9	2.7	78.9	0.33	0.68	0.27	95	0.68	0.058
3420	Soil	1.30	38.90	4.92	86.5	150	35.5	15.4	357	3.38	16.5	0.4	38.4	2.2	36.5	0.16	0.62	0.23	93	0.32	0.109
3421	Soil	1.15	60.58	5.61	72.2	125	73.8	19.3	629	3.71	18.6	0.5	116.2	2.4	48.3	0.13	0.83	0.24	104	0.46	0.105
3423	Soil	1.19	37.29	5.85	91.6	190	36.2	15.1	330	3.49	17.9	0.4	1.6	2.2	32.4	0.17	0.73	0.18	94	0.26	0.129
3424	Soil	1.31	49.04	5.55	78.9	171	78.6	19.3	662	3.48	18.0	0.4	2.4	1.9	42.7	0.22	0.76	0.18	94	0.50	0.111
3425	Soil	1.98	111.62	7.67	72.7	102	98.9	28.6	954	4.54	59.2	0.6	6.4	3.2	65.1	0.27	1.56	0.25	119	0.88	0.126
3426	Soil	1.66	82.16	6.80	74.3	236	88.8	23.4	860	4.02	38.0	0.8	4.9	2.4	58.6	0.28	1.14	0.25	107	0.69	0.094
3427	Soil	1.55	72.82	5.97	51.0	154	67.1	18.2	625	3.43	32.9	0.6	7.8	2.7	57.5	0.19	0.96	0.22	92	0.66	0.095
3428	Soil	1.23	50.36	5.66	95.4	166	65.3	19.2	537	3.53	20.6	0.5	2.8	1.9	49.3	0.37	0.71	0.18	98	0.54	0.108
3429	Soil	2.25	59.83	5.60	47.3	42	55.1	16.3	569	3.17	22.8	0.6	3.4	3.1	42.3	0.11	0.97	0.20	90	0.45	0.093
3430	Soil	1.50	104.62	6.60	62.8	74	98.9	26.3	838	4.30	32.0	0.5	4.9	3.0	71.7	0.18	1.25	0.25	112	1.17	0.131
3431	Soil	1.11	42.05	4.06	78.3	97	85.6	19.8	345	3.83	14.2	0.4	1.9	1.8	29.1	0.12	0.63	0.13	104	0.29	0.085
3432	Soil	1.33	70.10	5.64	65.3	226	72.3	20.6	622	3.94	22.5	0.7	3.3	2.9	45.5	0.19	0.90	0.19	104	0.50	0.067
3433	Soil	1.22	52.24	4.01	44.5	53	42.0	13.4	302	3.03	12.3	0.5	2.1	2.7	31.1	0.07	0.77	0.15	87	0.30	0.046
3434	Soil	0.64	112.54	4.82	62.1	112	200.5	33.1	743	5.00	16.1	0.4	2.6	2.2	61.6	0.10	0.61	0.17	141	0.81	0.141
3435	Soil	10.37	338.15	23.25	229.9	594	113.4	31.3	1178	9.17	32.7	1.1	7.2	2.3	137.8	2.54	5.09	0.33	134	2.14	0.163
3436	Soil	2.11	97.23	7.52	61.2	92	65.3	21.7	867	3.66	29.6	0.5	4.8	3.1	59.9	0.23	1.40	0.33	100	0.76	0.118
3437	Soil	1.95	113.57	7.15	70.5	99	96.2	26.8	962	4.52	38.6	0.5	5.4	3.0	63.9	0.21	1.51	0.29	121	0.89	0.124
3438	Soil	0.70	138.33	4.08	68.5	50	307.8	47.2	941	5.71	16.1	0.3	3.6	1.2	104.4	0.06	0.49	0.08	165	1.96	0.159
3439	Soil	0.70	54.92	5.04	50.6	129	38.0	11.5	287	2.85	8.2	0.6	3.0	5.3	32.3	0.07	0.67	0.14	68	0.34	0.045
3440	Soil	0.71	52.75	4.50	54.1	65	37.1	13.9	448	3.21	6.7	0.5	1.8	2.4	35.2	0.10	0.76	0.11	98	0.48	0.058
3441	Soil	0.86	101.04	5.82	61.7	145	51.2	18.6	737	3.84	10.2	0.6	2.7	3.4	52.0	0.13	0.90	0.14	110	0.66	0.092
3442	Soil	0.93	104.40	5.86	63.0	67	59.7	21.2	839	4.13	13.0	0.6	5.6	3.2	54.0	0.11	1.37	0.13	119	0.77	0.100
3443	Soil	1.50	46.84	5.73	57.5	68	52.6	15.9	362	3.38	11.7	0.4	0.9	2.2	76.2	0.15	0.84	0.12	102	0.77	0.030
3444	Soil	0.79	58.51	6.61	119.5	135	48.0	18.4	1511	3.62	6.6	0.5	1.7	1.9	75.7	0.27	0.61	0.14	97	0.70	0.134
3445	Soil	1.31	84.48	6.46	64.6	203	75.5	21.6	909	4.01	14.5	0.4	3.0	3.0	71.9	0.23	1.15	0.17	106	0.75	0.049
3446	Soil	0.87	69.02	6.31	58.5	221	48.5	18.1	638	3.71	10.8	1.0	3.4	3.6	44.9	0.12	0.86	0.17	104	0.55	0.052
3447	Soil	0.75	90.14	5.14	55.2	101	42.5	16.5	560	3.76	9.4	0.6	3.4	3.4	47.0	0.05	0.98	0.14	113	0.57	0.076
3448	Soil	0.73	50.64	4.66	48.1	111	35.6	12.4	500	2.92	7.9	0.5	3.4	2.2	36.5	0.08	0.72	0.11	88	0.50	0.068



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Project: Miracle
Report Date: September 10, 2017

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CERTIFICATE OF ANALYSIS

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Method	Analyte	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
Unit		ppm	ppm	%	ppm	%	ppm	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm	ppm
MDL		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.01	0.02	0.02	5	0.1	0.02	0.1	0.1
3418	Soil	14.4	89.6	1.21	213.1	0.108	3	1.98	0.012	0.37	0.2	8.7	0.20	<0.02	54	0.3	0.15	5.9
3419	Soil	13.9	91.6	1.12	173.1	0.088	4	2.11	0.014	0.19	0.1	8.6	0.12	<0.02	65	0.4	0.06	5.6
3420	Soil	8.9	74.9	0.88	135.2	0.092	2	1.82	0.008	0.14	0.2	4.3	0.07	<0.02	25	0.1	0.05	5.7
3421	Soil	11.1	108.4	1.27	187.7	0.093	2	1.99	0.009	0.34	0.1	6.4	0.12	<0.02	32	0.2	0.05	5.7
3423	Soil	9.9	69.3	0.89	114.0	0.094	2	2.01	0.007	0.13	0.1	4.2	0.07	<0.02	28	0.2	0.06	6.4
3424	Soil	8.7	151.7	1.34	169.8	0.096	3	1.90	0.009	0.23	0.1	4.8	0.09	<0.02	31	0.2	0.04	5.3
3425	Soil	14.5	150.8	1.81	162.7	0.093	3	2.22	0.016	0.28	0.2	11.2	0.19	<0.02	68	0.3	0.07	6.1
3426	Soil	13.0	144.0	1.65	177.2	0.094	2	2.18	0.011	0.22	0.2	9.1	0.16	<0.02	62	0.3	0.06	6.3
3427	Soil	13.9	112.8	1.18	137.3	0.082	3	1.63	0.013	0.18	0.1	8.2	0.14	<0.02	59	0.3	0.06	4.6
3428	Soil	9.2	137.8	1.13	162.3	0.098	2	1.79	0.009	0.15	0.1	5.1	0.09	<0.02	34	0.2	0.06	5.8
3429	Soil	14.7	93.4	0.97	98.4	0.098	1	1.47	0.012	0.16	0.2	6.7	0.12	<0.02	27	0.1	0.05	4.5
3430	Soil	14.3	187.3	1.78	155.5	0.090	2	1.95	0.014	0.22	0.2	10.2	0.13	<0.02	55	0.2	0.07	5.2
3431	Soil	8.4	217.5	1.45	73.7	0.111	2	1.88	0.010	0.12	0.1	3.5	0.05	<0.02	20	0.2	0.03	5.3
3432	Soil	14.2	130.6	1.19	148.1	0.096	2	1.85	0.011	0.19	0.1	10.1	0.11	<0.02	60	0.3	0.04	5.2
3433	Soil	13.0	101.6	0.80	80.5	0.108	2	1.37	0.011	0.14	0.1	6.1	0.10	<0.02	17	0.1	0.02	4.1
3434	Soil	11.5	348.5	3.14	139.0	0.111	2	2.71	0.007	0.29	0.1	10.1	0.10	<0.02	51	0.2	0.04	6.8
3435	Soil	29.4	86.8	1.28	207.6	0.017	2	2.34	0.009	0.15	0.1	22.1	0.25	<0.02	135	2.5	0.35	5.0
3436	Soil	15.1	97.8	1.17	211.2	0.092	3	1.73	0.021	0.26	0.2	8.4	0.14	<0.02	63	0.1	0.06	5.1
3437	Soil	14.9	162.1	1.73	168.2	0.095	3	2.15	0.017	0.31	0.2	10.5	0.14	<0.02	65	0.2	0.08	6.1
3438	Soil	7.3	430.6	4.70	153.1	0.126	1	3.09	0.008	0.54	<0.1	6.2	0.07	<0.02	31	<0.1	0.03	7.7
3439	Soil	18.5	66.1	0.67	70.4	0.092	2	1.36	0.011	0.17	<0.1	7.6	0.10	<0.02	61	0.1	0.04	4.1
3440	Soil	11.6	66.7	0.75	94.9	0.121	3	1.44	0.009	0.12	<0.1	6.4	0.05	<0.02	61	0.2	<0.02	4.8
3441	Soil	14.8	79.8	1.02	112.5	0.112	4	1.94	0.009	0.22	<0.1	10.9	0.09	<0.02	104	0.3	0.04	5.8
3442	Soil	13.9	86.4	1.22	138.1	0.128	4	2.04	0.013	0.18	<0.1	11.4	0.08	<0.02	166	0.1	0.03	6.2
3443	Soil	11.7	79.3	0.95	163.8	0.136	4	1.79	0.013	0.19	0.1	7.2	0.10	<0.02	41	0.2	0.02	5.5
3444	Soil	9.3	74.6	0.95	238.7	0.106	4	2.15	0.006	0.16	<0.1	6.0	0.07	<0.02	175	0.1	<0.02	6.6
3445	Soil	14.2	97.7	1.35	181.2	0.125	4	2.15	0.016	0.18	<0.1	11.2	0.15	<0.02	73	0.3	0.03	6.3
3446	Soil	15.1	84.8	0.99	136.2	0.117	3	2.05	0.012	0.16	0.1	10.2	0.11	<0.02	219	0.3	0.03	6.3
3447	Soil	15.5	69.2	1.00	107.5	0.112	3	1.78	0.013	0.16	0.1	9.5	0.08	<0.02	93	0.2	0.03	5.7
3448	Soil	13.0	64.5	0.75	93.8	0.102	2	1.39	0.011	0.14	<0.1	6.2	0.07	<0.02	69	0.1	0.03	4.4



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CERTIFICATE OF ANALYSIS

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Method	Analyte	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P	
		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
		MDL	0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
3449	Soil	0.62	31.24	3.79	45.7	82	27.8	11.2	361	2.55	5.1	0.4	1.0	1.2	29.9	0.08	0.49	0.10	79	0.44	0.071	
3450	Soil	0.71	45.63	4.14	46.1	72	29.2	13.1	430	2.90	6.8	0.5	2.2	2.4	30.1	0.06	0.55	0.09	95	0.48	0.059	
3451	Soil	0.59	40.76	3.93	45.8	93	28.8	11.7	342	2.74	5.9	0.5	1.0	2.3	27.8	0.05	0.43	0.10	85	0.47	0.075	
3452	Soil	0.57	39.86	3.48	35.3	55	28.9	10.3	291	2.42	6.1	0.5	2.4	3.2	25.7	0.04	0.51	0.11	72	0.36	0.047	
3453	Soil	0.66	43.41	3.55	37.2	49	28.0	10.1	281	2.57	6.3	0.5	3.1	3.3	27.9	0.03	0.52	0.10	78	0.40	0.051	
3454	Soil	0.60	36.44	3.73	40.4	79	30.0	11.1	316	2.52	6.1	0.5	2.6	2.9	26.7	0.05	0.51	0.11	75	0.37	0.053	
3455	Soil	1.02	28.08	7.32	92.1	114	22.3	13.1	970	3.21	9.3	0.3	2.6	1.3	34.3	0.20	0.53	0.24	79	0.36	0.205	
3456	Soil	1.82	112.78	2.67	49.7	179	22.3	22.7	765	4.77	17.2	0.3	5.9	1.0	116.9	0.17	1.91	0.06	64	8.72	0.178	
3457	Soil	1.73	157.32	6.76	68.7	167	79.9	19.8	553	4.88	34.2	0.7	13.7	3.6	55.7	0.10	1.48	0.27	124	0.48	0.070	
3458	Soil	2.11	133.02	6.93	76.5	256	71.1	23.6	792	5.71	49.8	0.5	6.5	2.9	50.1	0.20	2.18	0.23	120	0.61	0.105	
3459	Soil	1.59	111.23	6.93	70.3	77	105.0	27.1	941	4.81	31.9	0.5	4.6	3.2	58.4	0.16	1.52	0.24	115	0.84	0.124	
3460	Soil	2.06	129.38	6.08	74.8	123	143.4	33.2	990	5.57	32.3	0.5	13.1	2.3	145.7	0.37	2.27	0.16	157	4.00	0.149	



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Project: Miracle
Report Date: September 10, 2017

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CERTIFICATE OF ANALYSIS

VAN17001862.1

Method	Analyte	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
MDL		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
3449	Soil	10.0	53.1	0.55	80.1	0.096	2	1.26	0.010	0.10	<0.1	3.6	0.05	<0.02	28	0.1	<0.02	4.0
3450	Soil	10.9	60.6	0.64	59.5	0.129	3	1.34	0.009	0.12	<0.1	4.8	0.05	<0.02	22	0.2	0.03	4.4
3451	Soil	11.0	53.8	0.59	74.4	0.116	3	1.35	0.009	0.11	<0.1	4.5	0.05	<0.02	27	<0.1	<0.02	4.4
3452	Soil	12.4	58.6	0.59	56.3	0.108	1	1.12	0.009	0.12	0.1	4.6	0.05	<0.02	40	<0.1	<0.02	3.6
3453	Soil	12.1	56.4	0.60	53.9	0.113	2	1.17	0.010	0.11	<0.1	4.8	0.05	<0.02	38	<0.1	0.02	3.6
3454	Soil	12.9	59.2	0.58	70.8	0.107	2	1.19	0.009	0.12	<0.1	4.8	0.05	<0.02	40	<0.1	0.03	3.6
3455	Soil	6.3	52.5	0.46	218.9	0.056	2	1.53	0.006	0.08	0.1	3.6	0.11	0.02	66	0.1	0.05	6.4
3456	Soil	10.4	21.4	0.42	126.8	0.006	3	0.81	0.005	0.20	0.1	13.5	0.07	<0.02	74	0.4	0.03	1.8
3457	Soil	18.4	117.0	1.37	117.1	0.103	2	2.36	0.014	0.29	0.2	16.3	0.17	<0.02	77	0.4	0.08	6.8
3458	Soil	16.7	120.7	1.35	269.0	0.068	3	2.15	0.014	0.19	0.2	19.3	0.13	<0.02	92	0.4	0.05	5.8
3459	Soil	15.6	166.6	1.65	182.7	0.087	3	2.03	0.018	0.23	0.2	12.4	0.14	<0.02	70	0.2	0.06	5.8
3460	Soil	12.6	294.4	2.27	189.4	0.110	3	2.36	0.020	0.20	0.2	12.9	0.13	<0.02	85	0.2	0.06	6.6



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QUALITY CONTROL REPORT

VAN17001862.1

Method	Analyte	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	
		Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca	P
Unit		ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.01	0.01	0.01	0.1	2	0.1	0.1	1	0.01	0.1	0.1	0.2	0.1	0.5	0.01	0.02	0.02	2	0.01	0.001
Pulp Duplicates																					
3437	Soil	1.95	113.57	7.15	70.5	99	96.2	26.8	962	4.52	38.6	0.5	5.4	3.0	63.9	0.21	1.51	0.29	121	0.89	0.124
REP 3437	QC	1.91	115.65	7.21	69.9	96	98.1	27.5	952	4.45	39.3	0.5	5.7	3.0	62.2	0.21	1.48	0.28	120	0.88	0.121
3458	Soil	2.11	133.02	6.93	76.5	256	71.1	23.6	792	5.71	49.8	0.5	6.5	2.9	50.1	0.20	2.18	0.23	120	0.61	0.105
REP 3458	QC	2.20	131.12	7.03	77.9	264	70.4	23.6	762	5.74	51.2	0.5	11.3	2.8	50.9	0.20	2.36	0.22	121	0.60	0.100
Reference Materials																					
STD DS11	Standard	14.13	162.04	152.21	359.8	1793	78.0	13.9	1029	3.18	44.4	3.0	77.9	8.7	71.7	2.68	10.15	15.45	50	1.06	0.074
STD DS11	Standard	14.33	154.87	148.22	340.3	1716	75.1	13.3	993	3.09	42.0	2.9	69.6	8.8	73.6	2.58	9.49	14.81	51	1.06	0.072
STD OXC129	Standard	1.20	27.83	6.58	41.7	14	70.4	19.0	392	2.87	0.5	0.8	205.0	2.0	175.5	0.04	0.05	0.03	48	0.58	0.105
STD OXC129	Standard	1.26	28.01	6.87	41.5	9	77.4	20.4	412	2.95	0.7	0.8	190.1	2.1	185.9	0.02	0.04	<0.02	53	0.66	0.103
STD OXC129 Expected		1.3	28	6.3	42.9	28	79.5	20.3	421	3.065	0.6	0.72	195	1.9		0.03	0.04		51	0.665	0.102
STD DS11 Expected		14.6	156	138	345	1710	81.9	14.2	1055	3.2082	42.8	2.59	79	7.65	67.3	2.37	8.74	12.2	50	1.063	0.0701
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	0.2	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001
BLK	Blank	<0.01	<0.01	<0.01	<0.1	<2	<0.1	<0.1	<1	<0.01	0.1	<0.1	<0.2	<0.1	<0.5	<0.01	<0.02	<0.02	<2	<0.01	<0.001



QUALITY CONTROL REPORT

VAN17001862.1

Method	Analyte	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251	AQ251
		La	Cr	Mg	Ba	Ti	B	Al	Na	K	W	Sc	Tl	S	Hg	Se	Te	Ga
Unit		ppm	ppm	%	ppm	%	ppm	%	%	%	ppm	ppm	ppm	%	ppb	ppm	ppm	ppm
MDL		0.5	0.5	0.01	0.5	0.001	1	0.01	0.001	0.01	0.1	0.1	0.02	0.02	5	0.1	0.02	0.1
Pulp Duplicates																		
3437	Soil	14.9	162.1	1.73	168.2	0.095	3	2.15	0.017	0.31	0.2	10.5	0.14	<0.02	65	0.2	0.08	6.1
REP 3437	QC	15.3	158.3	1.73	171.3	0.092	3	2.13	0.017	0.31	0.2	10.6	0.15	<0.02	61	0.2	0.08	6.0
3458	Soil	16.7	120.7	1.35	269.0	0.068	3	2.15	0.014	0.19	0.2	19.3	0.13	<0.02	92	0.4	0.05	5.8
REP 3458	QC	17.1	121.2	1.36	271.6	0.070	3	2.19	0.014	0.20	0.1	19.9	0.13	<0.02	94	0.4	0.06	5.9
Reference Materials																		
STD DS11	Standard	21.0	59.5	0.84	380.4	0.090	7	1.16	0.077	0.40	3.1	3.2	5.01	0.28	294	2.2	4.82	4.9
STD DS11	Standard	21.1	58.5	0.83	371.4	0.093	7	1.17	0.074	0.41	3.0	3.5	4.97	0.28	261	2.1	4.67	4.6
STD OXC129	Standard	13.9	46.3	1.46	49.4	0.355	<1	1.40	0.558	0.34	0.1	0.9	0.03	<0.02	<5	<0.1	<0.02	5.1
STD OXC129	Standard	14.0	51.5	1.48	49.0	0.390	<1	1.52	0.570	0.36	<0.1	1.0	0.03	<0.02	<5	<0.1	<0.02	5.3
STD OXC129 Expected		13	52	1.545	50	0.4	1	1.58	0.6	0.37	0.08	1.1	0.03					5.6
STD DS11 Expected		18.6	61.5	0.85	385	0.0976		1.1795	0.0762	0.4	2.9	3.4	4.9	0.2835	300	1.9	4.56	5.1
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1
BLK	Blank	<0.5	<0.5	<0.01	<0.5	<0.001	<1	<0.01	<0.001	<0.01	<0.1	<0.1	<0.02	<0.02	<5	<0.1	<0.02	<0.1