ASSESSMENT REPORT

(Event #5409561)

describing

PROSPECTING

on the

DONUT CLAIM

(Tenure # 848582)

Kamloops Mining Division
NTS: 104M/14 & 104M/13
UTM: 8 V 472483 6648727 (NAD 83)

Claim owner: Bradley S. Wilson
by

Bradley S. Wilson
December, 2012.

Amended November, 2013

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INTRODUCTION

The DONUT Claims are located in northwestern British Columbia (Figure 1) and consists of one ten-unit tenure that covers an area underlain by geology that is prospective for porphyry-style molybdenum, tin and tungsten deposits. Geologically similar showings of molybdenum, lead, zinc and tin are known about 8 kilometres to the west (MinFile #s 104M-054, 104M-055 and 104M-056).

This report describes the results of field work conducted during the period between July 26, 2012 and August 2, 2012. The work was done by a one person crew and consisted of prospecting and rock and soil sampling. Numerous traverses were made by the author covering much of the claim (Figures 2, 3a and 3b). The upper parts of the eastern side of the claim were extremely steep and too dangerous to explore. The author of this report is the owner of these claims and his Statement of Qualifications appear in Appendix I. The statement of Costs for this work is in Appendix II.

PROPERTY LOCATION, CLAIM DATA AND ACCESS

The Donut Claim is located in northwestern British Columbia on NTS map sheets 104M/14 and 104M/13 (Figure 1). The property is comprised of one ten-unit mineral tenure covering a total of 162.04 hectares. The tenure is registered in the name of Bradley S. Wilson. Data pertaining to this mineral tenure is listed below and its detailed location is shown on Figure 2.

Claim Name	Tenure #	Area (Hectares)	Old Expiry Date	New Expiry Date *
DONUT	848582	162.04	October 10, 2012	April 19, 2018

*New Expiry Date includes credit for assessment work described in this report.

The entire property lies at an elevation of over 1425 metres and is located approximately 110 kilometres west-northwest of Atlin, BC and 85 kilometres south-southwest of Whitehorse, Yukon. The nearest paved road is the road that goes through BC from Carcross, Yukon to Skagway, Alaska. The closest gravel road, located in the Wheaton River valley (Yukon), is about 25 kilometres to the northwest. The terrain between these roads and the claim is extremely rugged.

Access to the claim is best provided by helicopter from Altin, British Columbia, or Whitehorse, Yukon.

GEOMORPHOLOGY

The property is situated in rugged alpine terrain, above the local tree line, within the Boundary Ranges of the Coast Mountains. The tenure lies in a north-south trending "U-shaped" valley, typical of glaciated terrains. This valley drains northward via a braided stream and then flows eastward into the Partridge River. Elevations on the property range from 1425 m to almost 1800 m above sea level.

The property shows abundant evident of recent glaciation. Glaciers, U-shaped valleys, hanging valleys, lateral, terminal and ground moraines, braided streams and cirques are present throughout the local region. There appears to be permanent snow cover on parts of the property and a glacier is found at the head of this valley, four kilometres to the south.

Additional glaciers are found about a kilometer away on the backside of the ridge on the west side of the tenure and massive ice fields are found about 15 kilometres to the southwest. Outcrop is plentiful on ridge crests and steep slopes. Elsewhere the ground is covered by angular talus (locally quite thick) and glacial till, likely of variable thickness. Vegetation is sparse to absent over most of the claim.

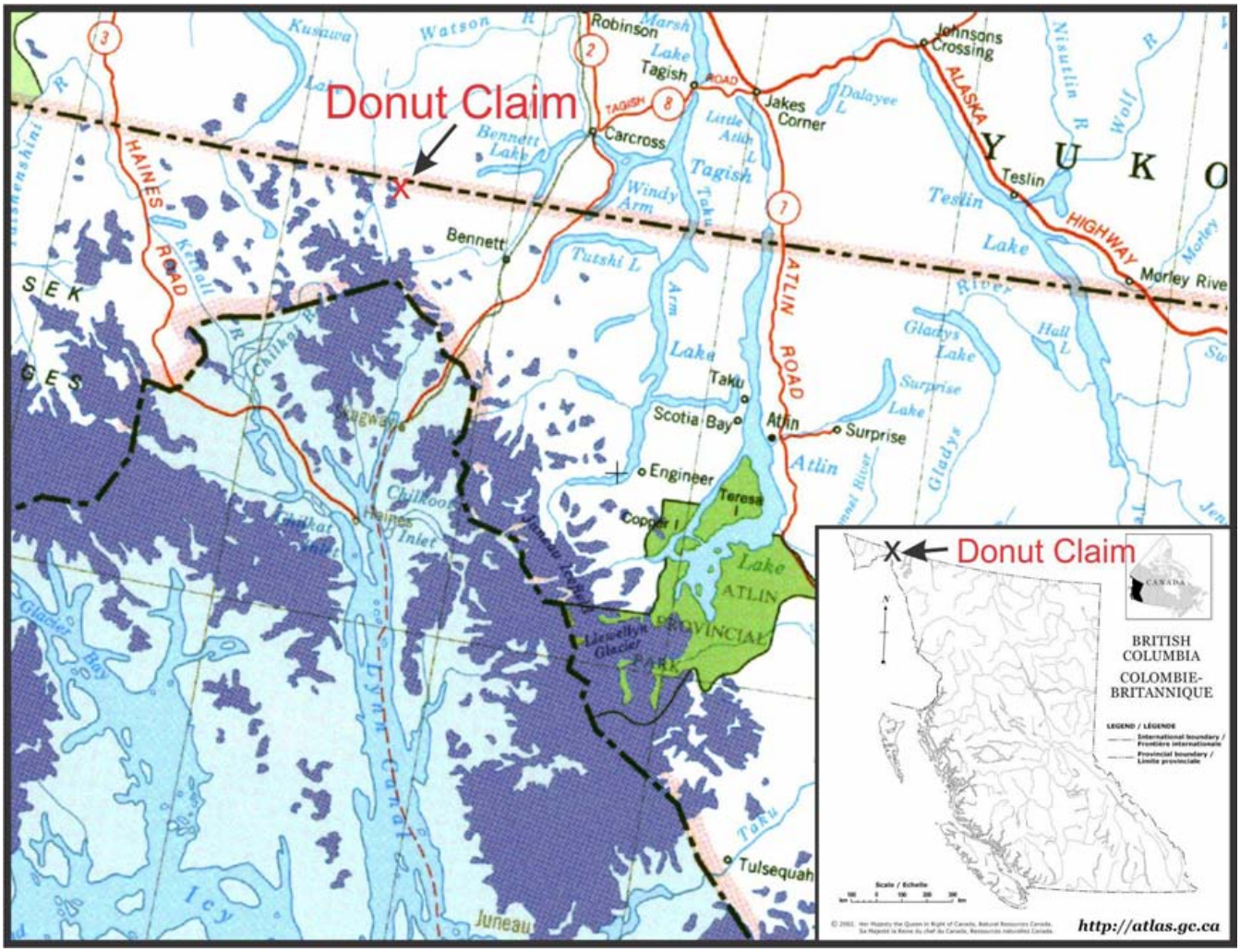

FIGURE 1; Map showing the general location of the DONUT Claim (Tenure 848582).

REGIONAL GEOLOGY

The Donut Claim is underlain by the Coast Intrusions, which Christie (1957) indicates is mid to late Cretaceous to Tertiary in age and consists of multiple intrusive bodies. Compositionally the intrusions are medium- to coarse-grained biotite granodiorite, slightly foliated biotite-hornblende granodiorite and quartz diorite. Christie (1957) also identifies a leucocratic, vuggy (miarolitic), brown weathering granite as part of the Coast Intrusions. This appears to be what underlies the Donut Claim.

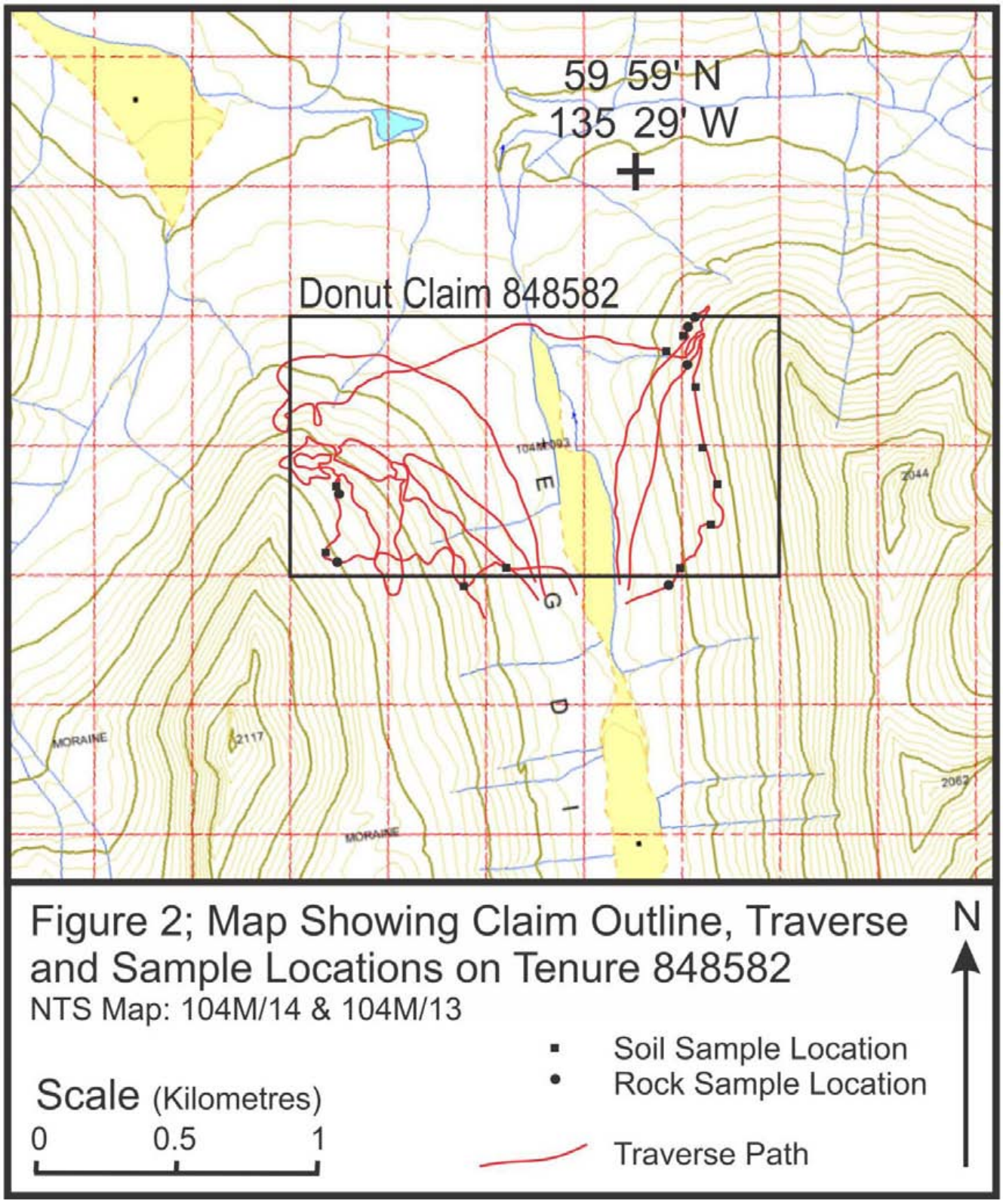

FIGURE 2; Detailed map showing Tenure outline, traverse paths and sample locations.

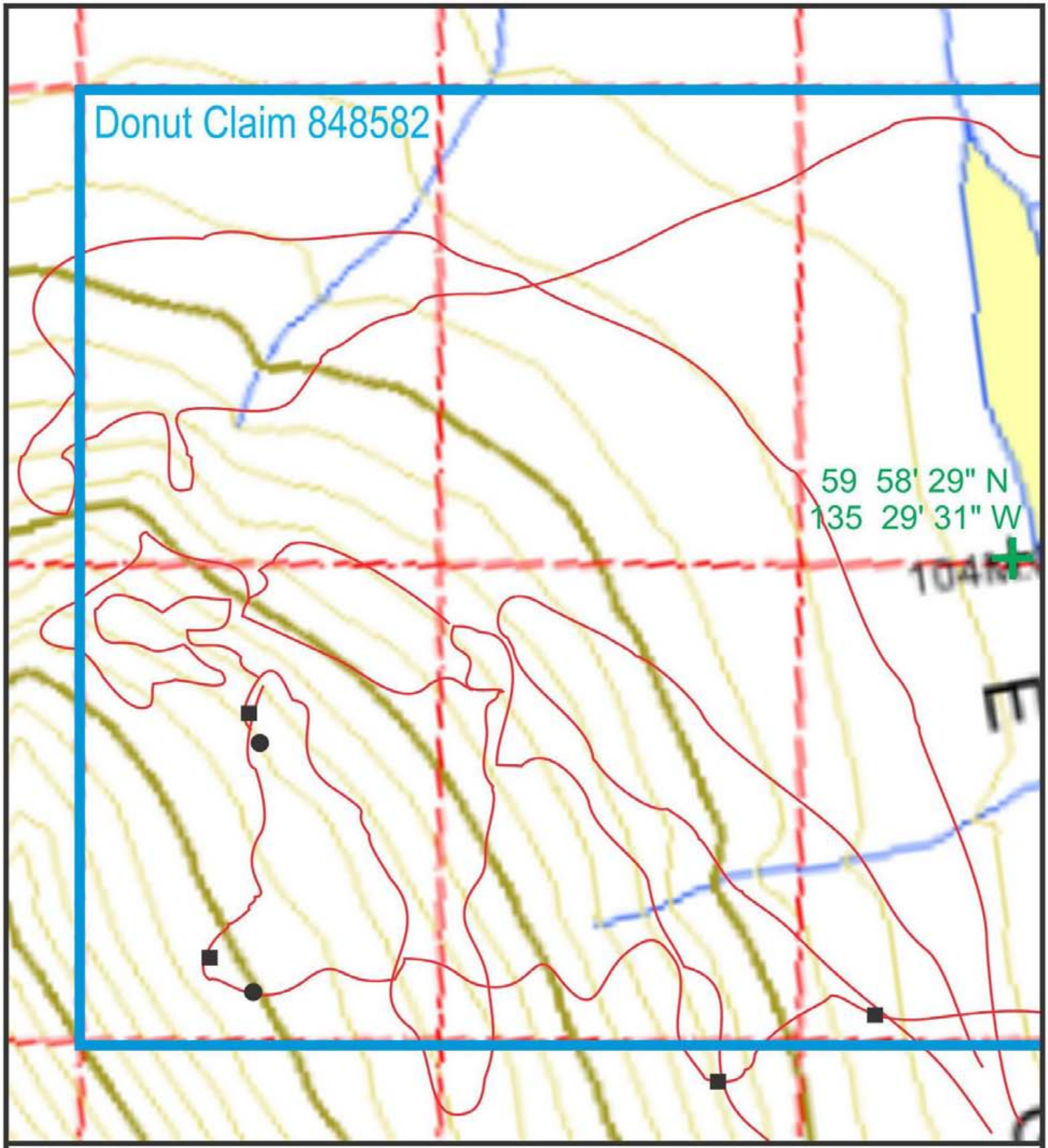

Figure 3a; Map Showing Claim Outline, Traverse and Sample Locations on West half of Tenure 848582

NTS Map: 104M/14 & 104M/13

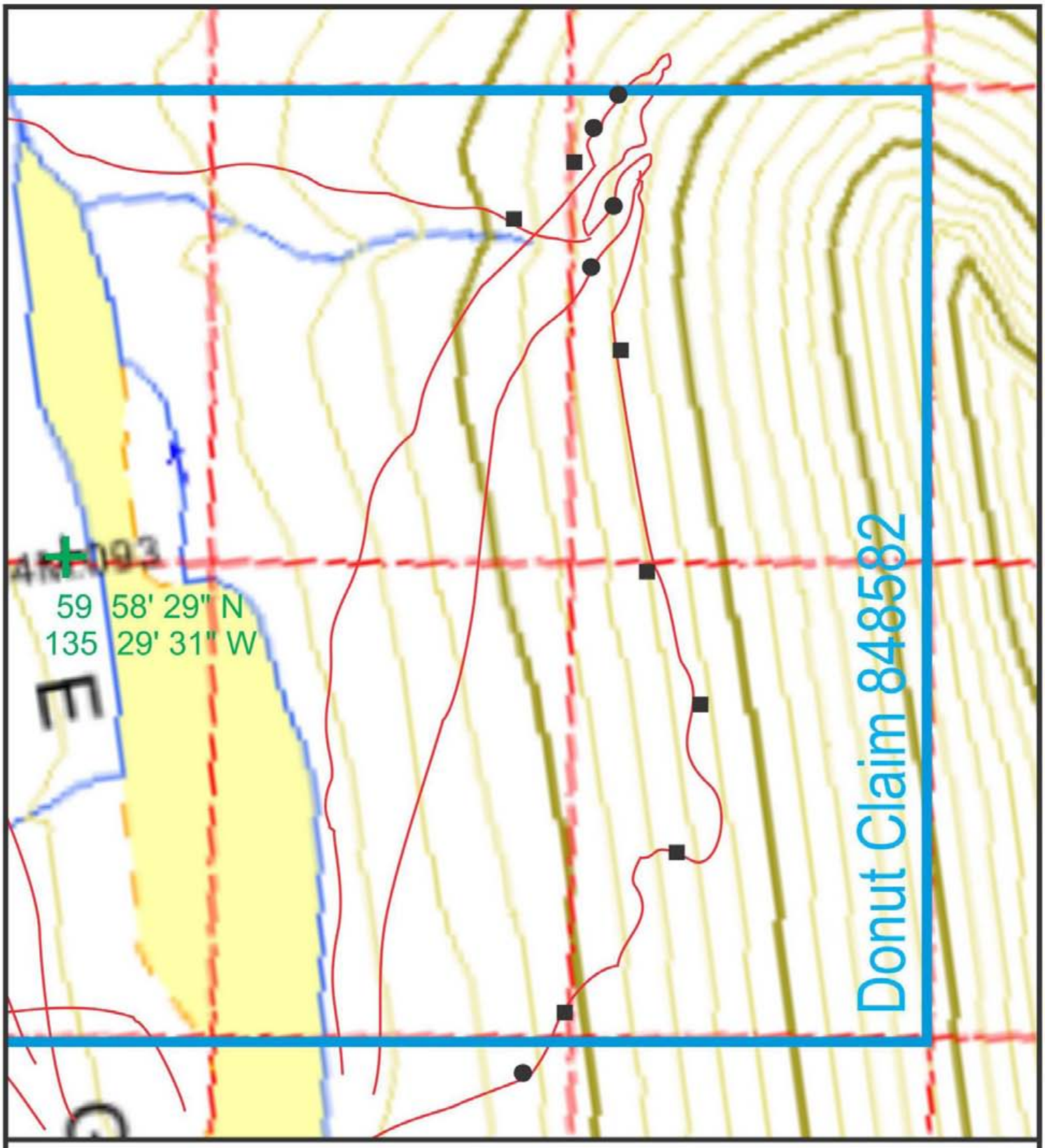

Figure 3b; Map Showing Claim Outline, Traverse and Sample Locations on East half of Tenure 848582

NTS Map: 104M/14 & 104M/13

Several kilometres northeast of the claim lay the edge of the Bennett Lake Caldera Complex, which is part of the regionally broader Skukum Group. The Eocene age, Bennett Lake Caldera Complex is a 19 x 30 kilometre volcanic centre consisting of rhyolite to dacite ash-flow tuffs and breccias with lesser rhyolite, dacite and andesite lavas, all of which are intermittently enclosed by a rhyolite ring dyke (Lambert, 1972; Hart and Radloff, 1990).

Mihalynuk (1999), who's mapping covered only the eastern portion of what Christie mapped, refers to the intrusions Christie calls "Coast Intrusions" as the "Coast Plutonic Complex". Mihalynuk (1999) provides a mid- to late-Cretaceous age for the Coast Plutonic Complex, which agrees well with Christie (1957). Mihalynuk (1999) identifies a number of additional intrusions in the area, including the nearby Mount McAuley pluton (53.7 Ma), as early Eocene. Hart and Radloff (1990) also provide an early Eocene date of 54 Ma for the Mount McAuley pluton and go on to suggest that these early Eocene intrusions (Nisling Range Plutonic Suite) form the plutonic roots to Skukum Group volcanism.

It is conceivable that Christie's (1957) leucocratic, brown weathering granite pluton, which underlies the claim, is coeval with or possibly part of the Eocene age, Mount McAuley pluton.

The author believes this region to have untapped potential for greissen- and porphyry-style Mo-W-Sn deposits.

PROPERTY GEOLOGY & MINERALIZATION

The property appears to be underlain entirely by granitic intrusions. The most common rock type identified in the field is an orange weathering, coarse-grained biotite granite. This intrusive has miarolitic cavities rarely up to several tens of centimeters across; usually they are much smaller. Also present are very course-grained pegmatitic zones or pods within the intrusive up to a metre across. The cavities and pegmatitic zones are rare and appear to have a random distribution. The presence of miarolitic cavities indicates that this is a relatively high level intrusive.

A pronounced nearly north-south trending linear depression is visible on the western side of the main valley (Figures 4 and 5a). This linear feature is visible on air photos and on satellite-view on Google Maps (available on the Internet). It is an approximately 1 kilometre long, 5 metres wide, flat, debris filled depression with a trend of 005 degrees. Outcrop was not found in any part of this feature so its nature could not be determined. The author suspects this is a localized recessive weathering fracture or fault zone.

An area of tungsten mineralization was found on the north east corner of the Donut claim consisting of sub-parallel, steeply dipping (to the east) wolframite-bearing quartz-greissen veins in outcrop and float (Figures 4 and 5b). Their trend is 020 degrees. The author originally found this occurrence in 1984 but only now has been able to return to have a closer examination.

The occurrence consists of several low outcrops exposed intermittently over a distance of about 200 metres on a slope mostly covered in course talus. Sub-parallel quartz veins, 0.5 to 5 cm thick, and fractures are surrounded by dark gray, mica-rich alteration halos (greissen) 3 to 30 cm or more wide. In some places the quartz veins are vuggy and can contain course aggregates of bladed wolframite to 5 cm across. Fine needles of beryl were noted in one vein. Sample BW12-450 contains over 500 ppm beryllium. Veins are spaced 10 cm to several metres apart throughout this area.

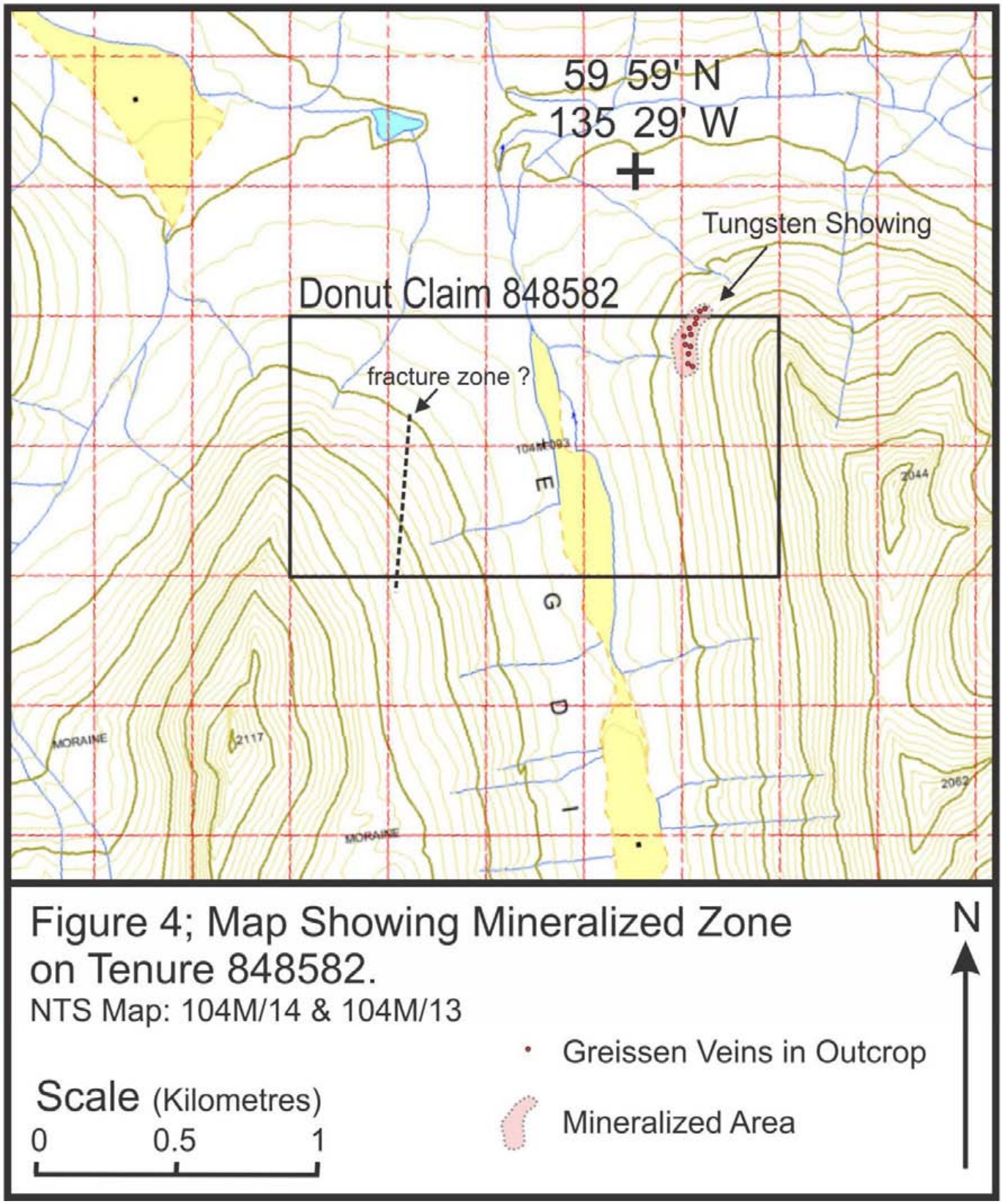

Figure 4; Map Showing Mineralized Zone on Tenure 848582.
NTS Map: 104M/14 & 104M/13

FIGURE 4; Detailed map showing the location of the mineralized zone on the Donut Claim.

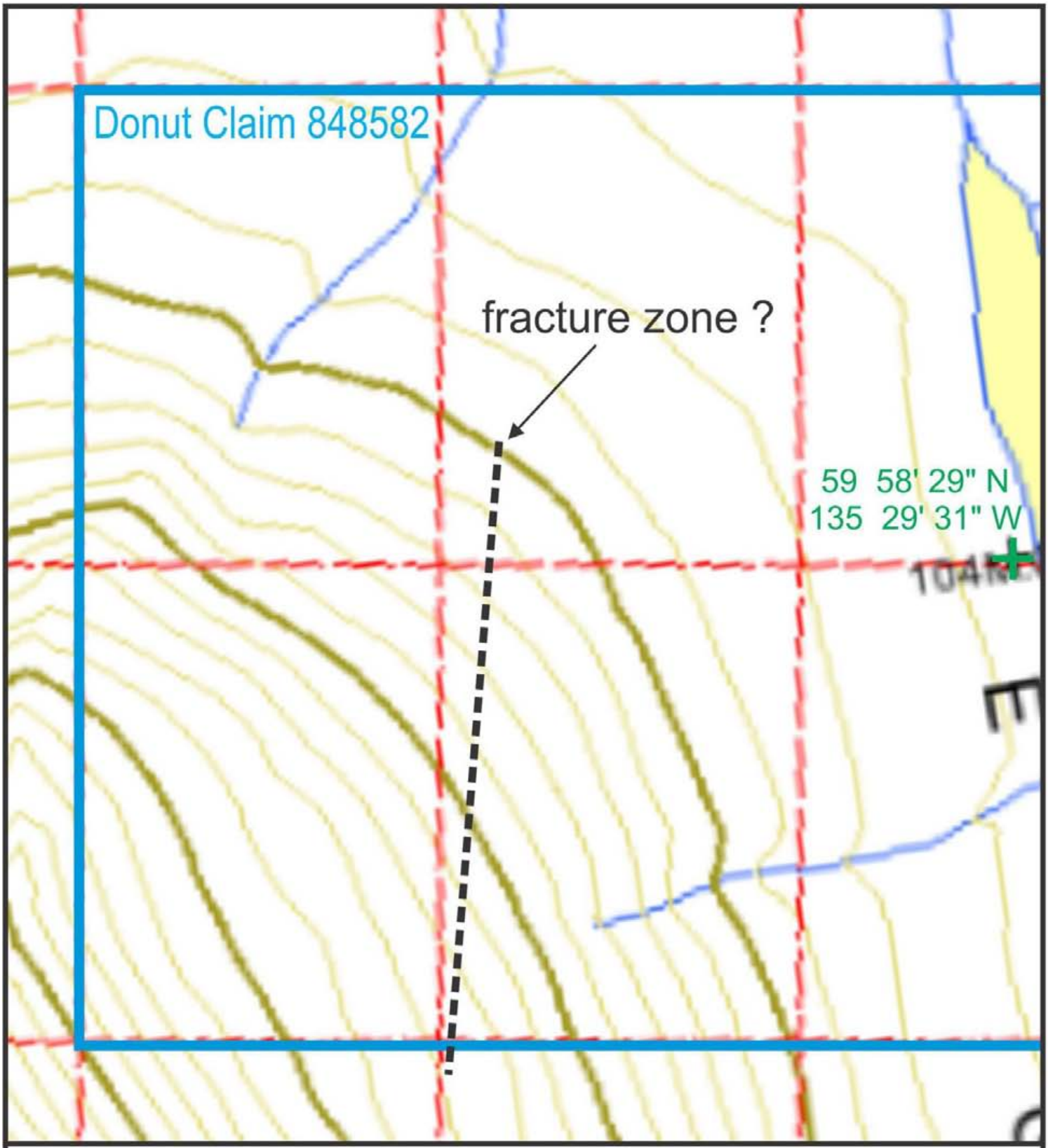

Figure 5a; Map Showing Mineralized Zone on West half of Tenure 848582.

NTS Map: 104M/14 & 104M/13

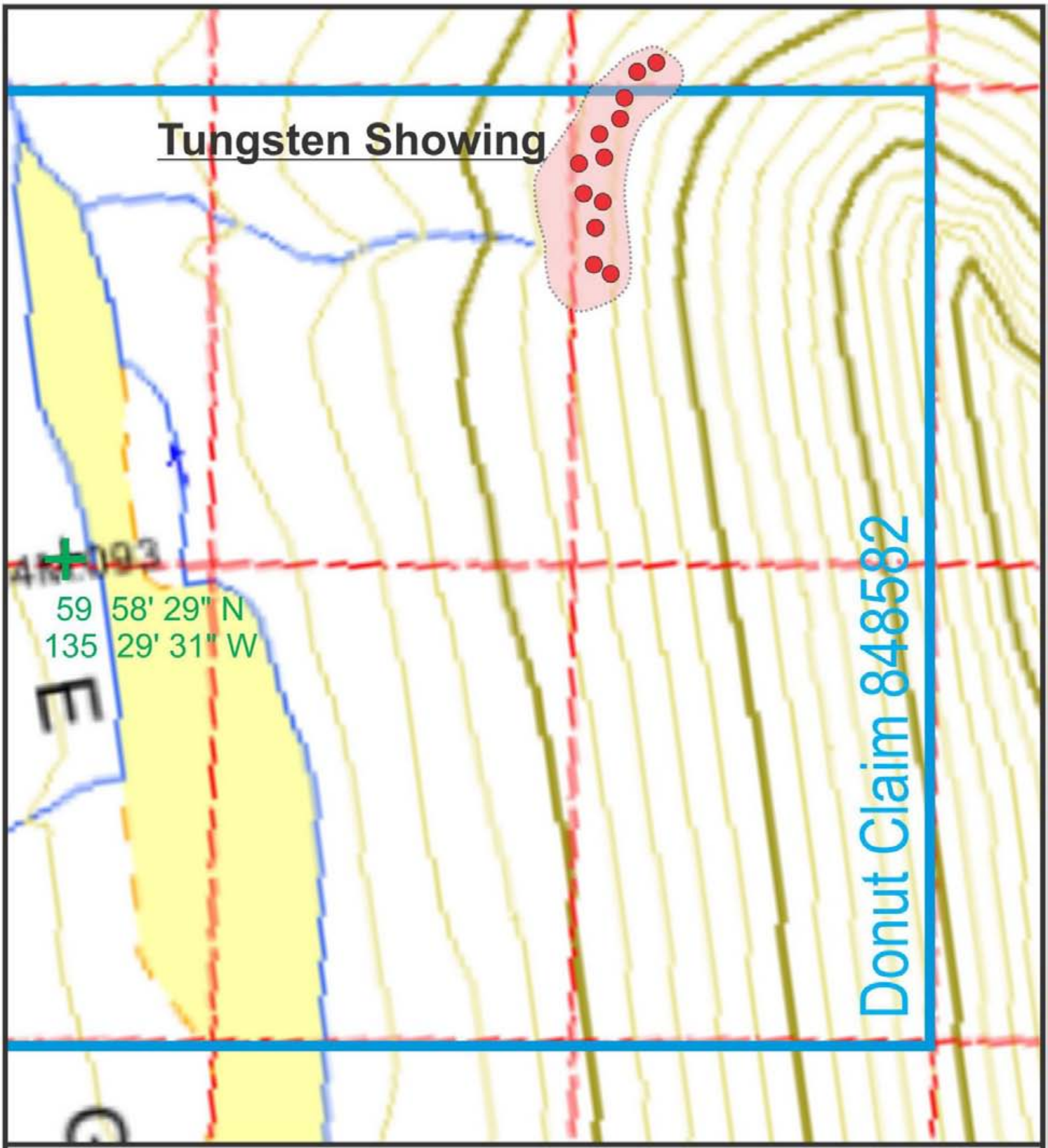

Figure 5b; Map Showing Mineralized Zone on East half of Tenure 848582.

NTS Map: 104M/14 & 104M/13

SAMPLES COLLECTED

A total of nine rock and eleven soil samples were collected from the property and submitted to Acme Labs in Whitehorse, Yukon for chemical analysis. Figures 6, 7a and 7b shows where each sample was collected. Rock sample descriptions are listed in Appendix III. Full analytical results are listed in Appendix IV. Highlights of the results from the rock samples are listed below.

ACME ANALYTICAL LABORATORIES LTD. Final Report

Client: Wilson Brad

Job # WHI12000550

Project: DONUT

	Wgt	Mo	Cu	Pb	Zn	Ag	Mn	Fe	U	Bi	W	Sn	Be	Li	Rb
	KG	PPM	PPM	PPM	PPM	PPB	PPM	%	PPM	PPM	PPM	PPM	PPM	PPM	PPM
Limit	0.01	0.05	0.02	0.02	0.2	20	2	0.02	0.1	0.04	0.1	0.1	1	0.1	0.1
Sample #															
BW12-435	1.08	0.94	20.41	25.8	41.5	41	404	1	6.5	0.09	5.3	4.6	2	69.7	189.9
BW12-438	1.24	0.44	36.54	936	358.7	29532	758	16	110.7	40.2	65.5	85.5	35	40.6	3.5
BW12-450	1.66	46.53	15.69	23.98	149.7	1162	2656	3.74	30.5	11.5	>200.0	68.3	514	385.9	674.5
BW12-461	1.32	19.63	17.75	12.74	66.6	220	876	2.28	16	17.3	22.3	37.8	5	206.8	358.3
BW12-462A	0.77	52.19	5.38	35.7	153.2	588	5054	2.53	33.2	4.67	>200.0	46	5	171.8	311.1
BW12-462B	2.24	26.9	7.23	4.73	84.7	101	1276	3.6	14.3	9.8	20.7	52.4	4	390.9	543.7
BW12-462C	1.98	33.47	2.85	8.42	81.4	302	1331	3.66	23.1	58.9	63.9	47.8	4	357.3	517.1
BW12-465	0.65	0.67	2.32	61.82	41.9	634	303	0.73	8.7	0.86	1.8	5.9	5	60.2	44.6
BW12-486	1.44	5.94	3.57	13.79	112	564	5256	3.93	23.9	80.8	>200.0	60.2	4	280.3	488.3

Samples highlighted in yellow had visible wolframite.

Six vein samples were analyzed. Visible wolframite was observed in 4 samples; however, only three samples returned tungsten values over the 200 ppm upper detection limit. Additional tungsten assays are pending for these three samples. Two samples of the mica-rich alteration halos returned only slightly anomalous tungsten values. Vein samples returned slightly anomalous values for molybdenum, zinc, uranium, bismuth, tin, lithium and rubidium (up to 52 ppm Mo, 153 ppm Zn, 33 ppm U, 81 ppm Bi, 68 ppm Sn, 391 ppm Li and 675 ppm Rb).

A single rock sample (BW12-438) taken on the west side of the valley returned a value of 29.5 ppm silver (29532 ppb), 936 ppm lead and 359 ppm zinc (Figure 8a). This sample was taken because it contained a platy black opaque mineral that was thought to be either wolfamite or crystallized hematite. Based on the high iron and low tungsten content of this sample it seems likely that the mineral in question was hematite.

Figures 8a and 8b show tungsten, tin and beryllium concentrations in the rocks sampled.

A total of eleven soil samples were collected on the claim; seven were taken on the eastern side of the valley to test for a possible extension of the known tungsten mineralization and four samples were taken on the western side to test for blind mineralization. Results were disappointing with samples returning tungsten values ranging from 2.3 to 6.2 ppm. Samples taken downhill from and within the known tungsten showing did not yield elevated W values indicating that soil geochemistry may not be useful at this sight. Figures 9a and 9b show tungsten concentrations in these soil samples.

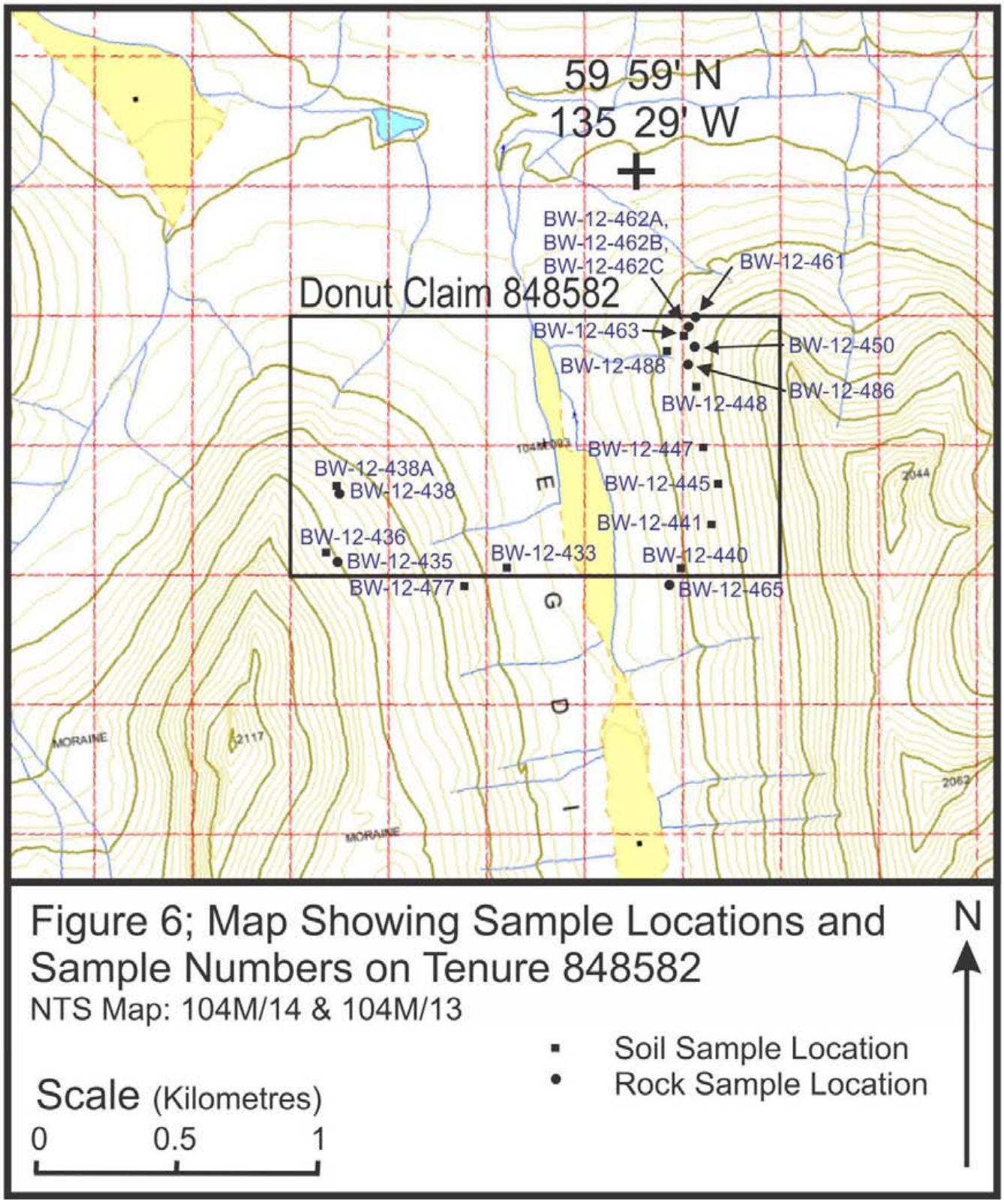

FIGURE 6; Detailed map showing sample locations and sample numbers from the Donut Claim.

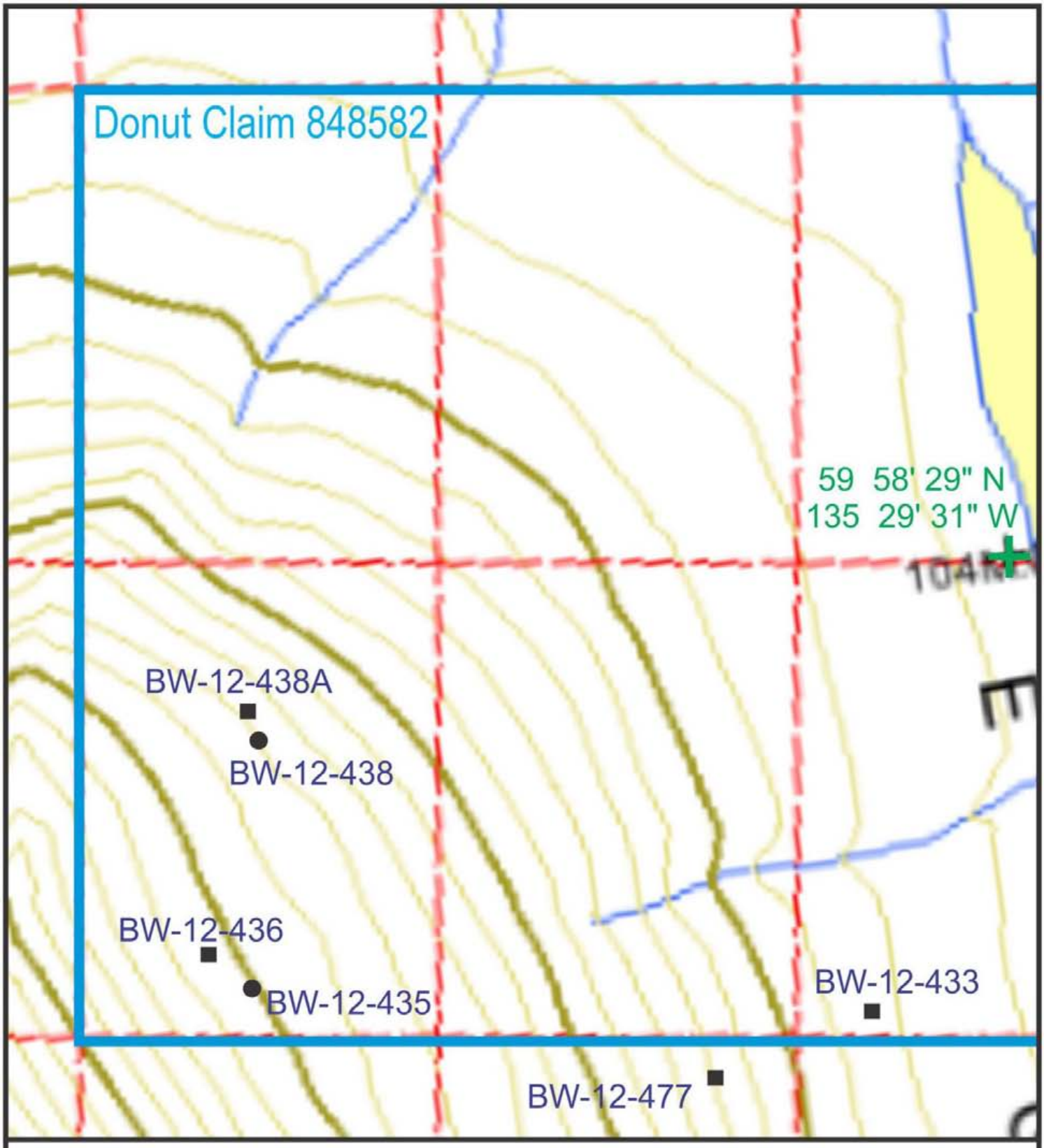

Figure 7a; Map Showing Sample Locations and Sample Numbers on the West half of Tenure 848582

NTS Map: 104M/14 & 104M/13

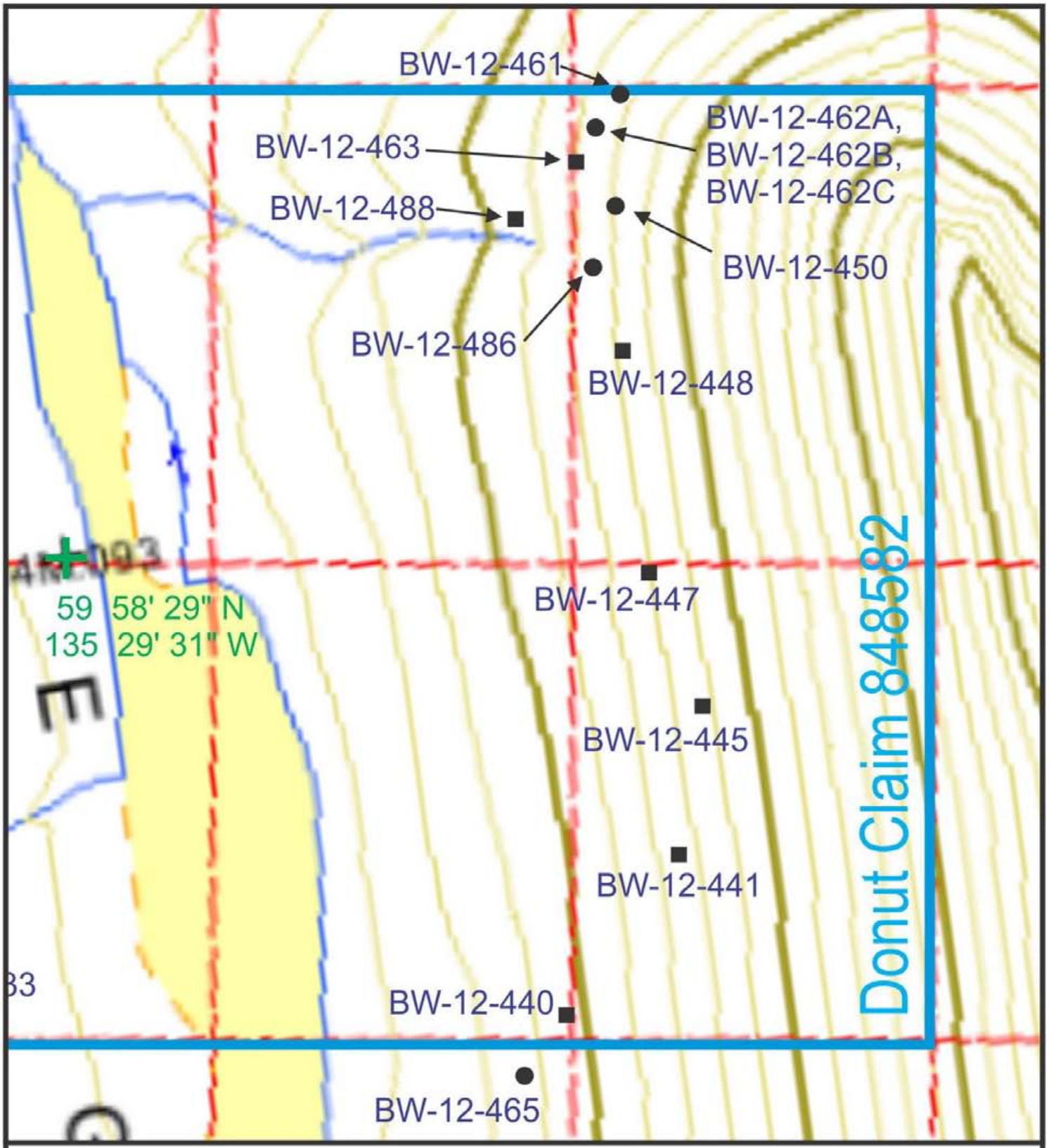

Figure 7b; Map Showing Sample Locations and Sample Numbers on the East half of Tenure 848582

■ Soil Sample Location
● Rock Sample Location

NTS Map: 104M/14 & 104M/13

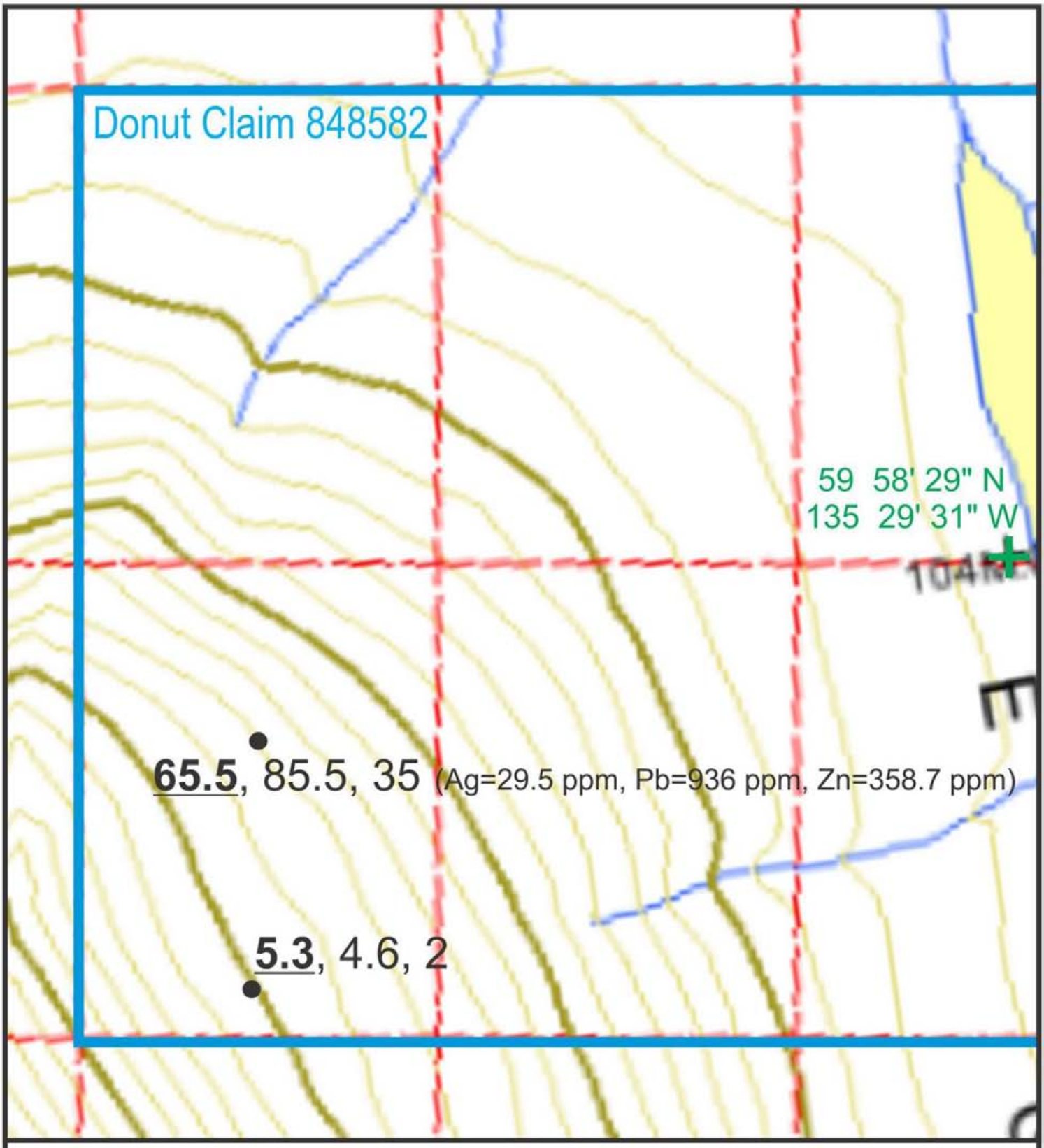

Figure 8a; Map Showing Rock Sample Geochemical Results on the West half of Tenure 848582

5.3, 4.6, 2 — Rock Sample Location with metal concentrations in ppm; W, Sn, Be, (+/- other metals)

N

NTS Map: 104M/14 & 104M/13

0 100 200 300 400 500

Scale (Metres) 1:5000

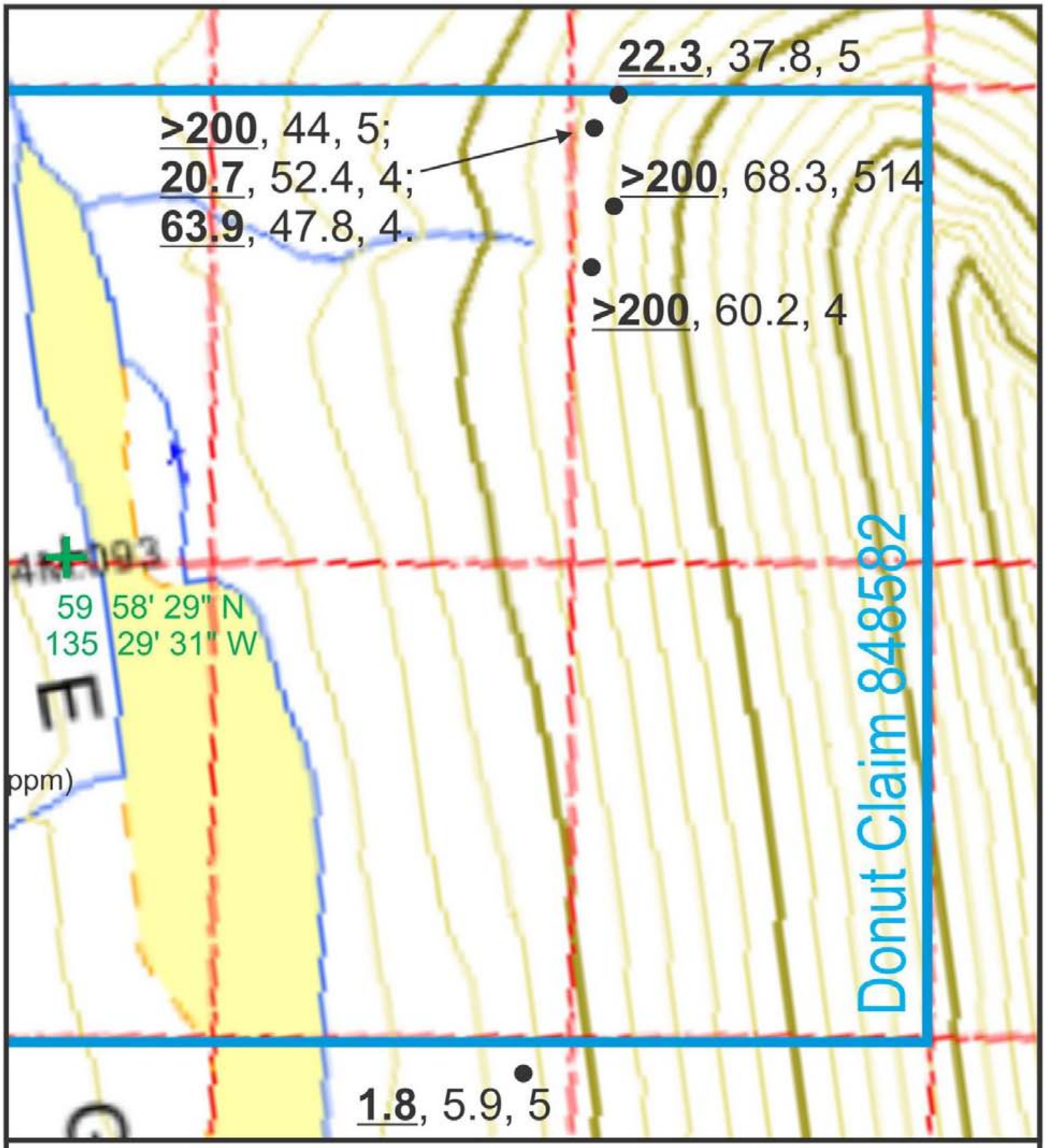

Figure 8b; Map Showing Rock Sample Geochemical Results on the East half of Tenure 848582

5.3, 4.6, 2 — Rock Sample Location with metal concentrations in ppm; W, Sn, Be

N

NTS Map: 104M/14 & 104M/13

0 100 200 300 400 500

Scale (Metres) 1:5000

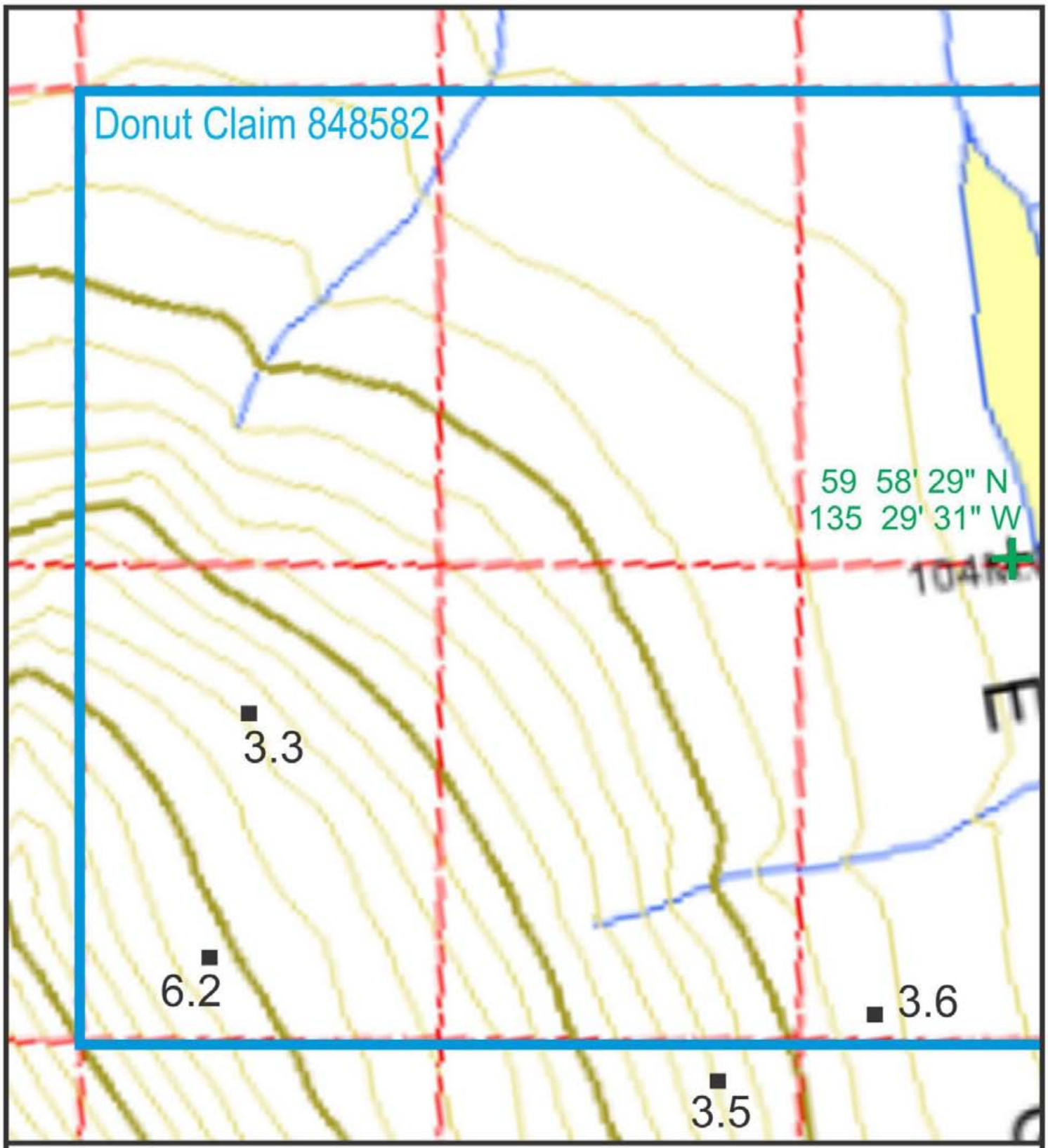

Figure 9a; Map Showing Soil Sample Geochemical Results on the West half of Tenure 848582

NTS Map: 104M/14 & 104M/13

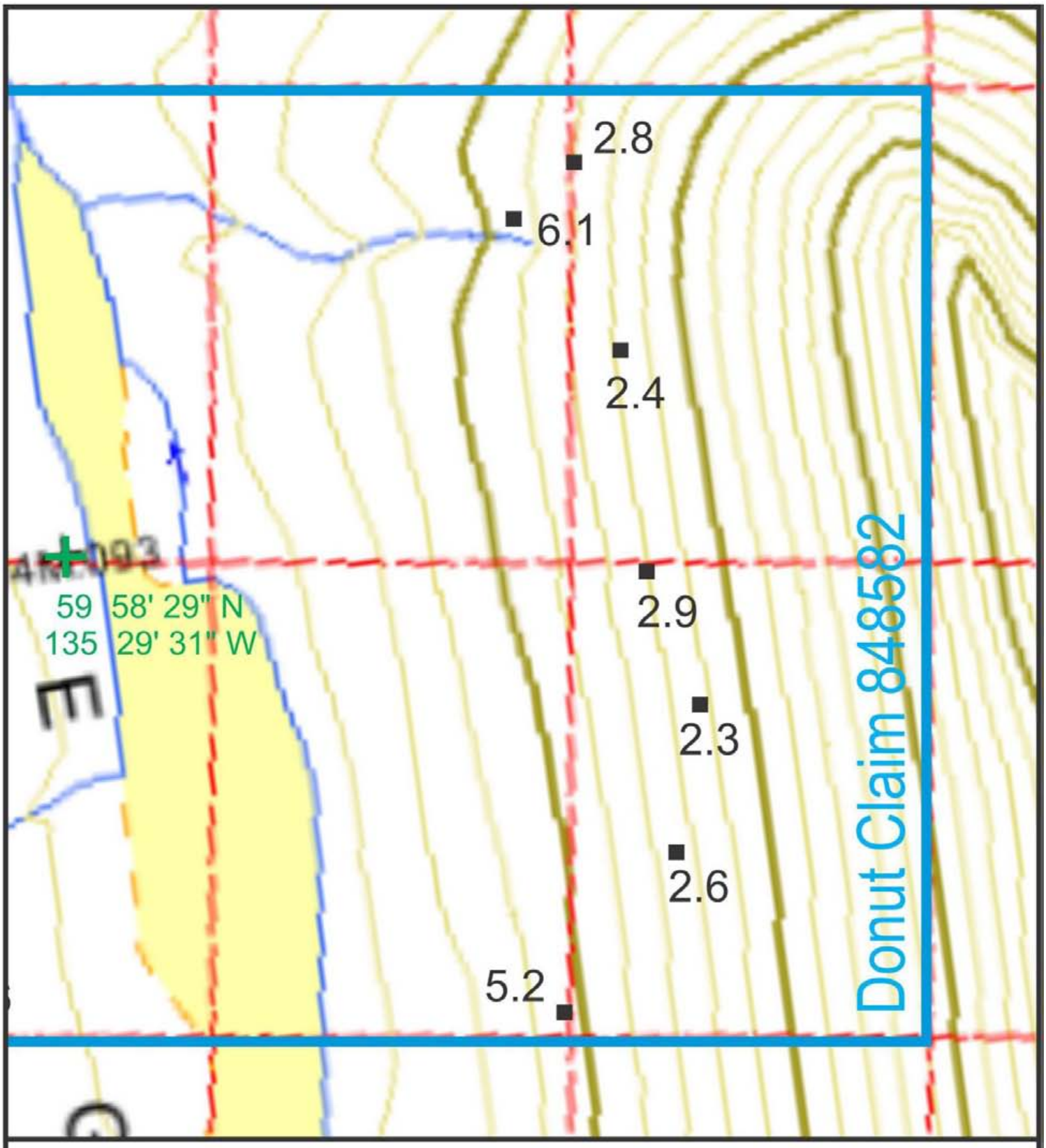

Figure 9b; Map Showing Soil Sample Geochemical Results on the East half of Tenure 848582

3.5 Soil Sample Location with Tungsten concentration in PPM.

N

NTS Map: 104M/14 & 104M/13

0 100 200 300 400 500

Scale (Metres) 1:5000

CONCLUSIONS AND RECOMENDATIONS

Overall, the Donut claim has received only cursory prospecting and rock and soil sampling. A tungsten showing, consisting of sub-parallel greissen veins with course wolframite, occurs on the north eastern corner of the claim. Assay results from 3 vein samples returned tungsten values above detection limits (>200 ppm). The concentration of other metals, such as tin and molybdenum were low.

The 200 metre extent of this showing is encouraging. Unfortunately, the showing is covered by talus on all sides. Uphill (to the east) the talus gives way to barren outcrop in a few hundred metres. Laterally and downhill talus and glacial debris obscure any possible extension to the mineralization; the closest outcrops to the north and west are 1 to 2 kilometres away.

This tungsten occurrence could represent the edge of a much larger mostly unexposed hydrothermal system. Soil samples gathered during this exploration program did not show elevated tungsten values over the tungsten showing and hence may not be useful to help outline any possible extension to the mineralized zone. The effectiveness of soil sampling on this property should be reevaluated with a larger group of samples taken around the showing and beyond. The author believes that the most effective method of testing the downhill extent of this showing is to drill several test holes.

A rock sample gathered on the west side of the valley yielded anomalously high concentrations of silver, lead and zinc. This should be followed up with additional prospecting and soil sampling.

The next phase of exploration should consist of the following;

1/ Property-wide soil sampling to test both for an extension to the tungsten showing and to follow up on the rock sample with anomalously high Ag-Pb-Zn values.

2/ Drill several diamond drill holes to test for additional tungsten mineralization beneath the talus and till covered ground beyond the known showing.

REFERENCES

Christie, R.L. (1957): Bennett, British Columbia*; Geological Survey of Canada*, Map 19-1957 with Descriptive Notes.

Hart, C.J.R., and Radloff, J.K. (1990): Geology of the Whitehorse, Alligator Lake, Fenwick Creek, Carcross and part of Robinson map areas (105D/11,6,3,2&7),Yukon Territory; *Indian and Northern Affairs Canada*, Open File 1990-4, 113 pages and 4 map sheets.

Lambert, M.B. (1974): The Bennett Lake cauldron subsidence complex British Columbia and Yukon Territory; *Geological Survey of Canada*, Bulletin 227, 213 pages.

Mihalynuk, M.G. (1999): Geology and Mineral Resources of the Tagish Lake Area, (NTS 104M/8, 9,10E, 15 and 104N/12W), Northwestern British Columbia. *B.C. Ministry of Energy, Mines and Petroleum Resources*, Bull 105, 215 p.

APPENDIX I

STATEMENT OF QUALIFICATIONS

I, Bradley S. Wilson of P.O. Box 352, Kingston, Ontario, K7L 4W2, do hereby state that I:

1/ graduated from Queen's University in 1982 with an Honours B.Sc. degree in Geology.

2/ graduated from Carleton University in 1987 with a M.Sc. degree in Geology.

3/ worked for mineral exploration companies during 24 of the last 34 years either as a consultant or as a seasonal employee.

4/ worked on M.Sc. related field work and mapping during the summers of 1983, 1984 and 1985 for Carleton University.

5/ conducted mineral exploration on my own behalf during part or all of every field season, except two, since 1982.

6/ am the registered owner of the DONUT claim (848582).

7/ performed the assessment work described in this report.

Bradley S. Wilson

December, 2012

APPENDIX II

STATEMENT OF COSTS

Exploration Work type	Comment	Days			Totals
Personnel (Name)* / Position	**Field Days (list actual days)**	**Days**	**Rate**	**Subtotal***	
Brad Wilson / Geologist	July 26, 2012 - July 31, 2012	6	$450.00	$2,700.00	
	Aug 1, 2012 - Aug 2, 2012	2	$450.00	$900.00	
			$0.00	$0.00	
			$0.00	$0.00	
			$0.00	$0.00	
			$0.00	$0.00	
				$3,600.00	**$3,600.00**
Office Studies	**List Personnel (note - Office only, do not include field days**				
Literature search			$0.00	$0.00	
Database compilation			$0.00	$0.00	
Computer modelling			$0.00	$0.00	
Reprocessing of data			$0.00	$0.00	
General research			$0.00	$0.00	
Report preparation	Brad Wilson	2.0	$375.00	$750.00	
Other (specify)		0.0	$0.00	$0.00	
				$750.00	**$750.00**
Airborne Exploration Surveys	**Line Kilometres / Enter total invoiced amount**				
Aeromagnetics			$0.00	$0.00	
Radiometrics			$0.00	$0.00	
Electromagnetics			$0.00	$0.00	
Gravity			$0.00	$0.00	
Digital terrain modelling			$0.00	$0.00	
Other (specify)			$0.00	$0.00	
				$0.00	**$0.00**
Remote Sensing	**Area in Hectares / Enter total invoiced amount or list personnel**				
Aerial photography			$0.00	$0.00	
LANDSAT			$0.00	$0.00	
Other (specify)			$0.00	$0.00	
				$0.00	**$0.00**
Ground Exploration Surveys	**Area in Hectares/List Personnel**				
Geological mapping					
Regional		*note: expenditures here*			
Reconnaissance		*should be captured in Personnel*			
Prospect		*field expenditures above*			
Underground	Define by length and width				
Trenches	Define by length and width			$0.00	**$0.00**
Ground geophysics	**Line Kilometres / Enter total amount invoiced list personnel**				
Radiometrics					
Magnetics					
Gravity					
Digital terrain modelling					
Electromagnetics	*note: expenditures for your crew in the field*				
SP/AP/EP	*should be captured above in Personnel*				
IP	*field expenditures above*				
AMT/CSAMT					
Resistivity					
Complex resistivity					
Seismic reflection					
Seismic refraction					
Well logging	Define by total length				
Geophysical interpretation					
Petrophysics					
Other (specify)					
				$0.00	**$0.00**

Geochemical Surveying	**Number of Samples**	**No.**	**Rate**	**Subtotal**	
Stream sediment			$0.00	$0.00	
Soil	*11*		$0.00	$341.83	
Rock	*9*		$0.00	$296.63	
Water			$0.00	$0.00	
Biogeochemistry			$0.00	$0.00	
Whole rock			$0.00	$0.00	
Petrology			$0.00	$0.00	
Other (specify)			$0.00	$0.00	
				$638.46	**$638.46**
Drilling	**No. of Holes, Size of Core and Metres**	**No.**	**Rate**	**Subtotal**	
Diamond			$0.00	$0.00	
Reverse circulation (RC)			$0.00	$0.00	
Rotary air blast (RAB)			$0.00	$0.00	
				$0.00	**$0.00**
Other Operations	**Clarify**	**No.**	**Rate**	**Subtotal**	
Trenching			$0.00	$0.00	
Bulk sampling			$0.00	$0.00	
Underground development			$0.00	$0.00	
Other (specify)			$0.00	$0.00	
				$0.00	**$0.00**
Reclamation	**Clarify**	**No.**	**Rate**	**Subtotal**	
After drilling			$0.00	$0.00	
Monitoring			$0.00	$0.00	
Other (specify)			$0.00	$0.00	
Transportation		**No.**	**Rate**	**Subtotal**	
Airfare			$0.00	$0.00	
Taxi			$0.00	$0.00	
truck rental			$0.00	$0.00	
kilometers	kilometres	1430	$0.50	$715.00	
ATV			$0.00	$0.00	
fuel			$0.00	$0.00	
Helicopter (hours)	2.3		$0.00	$2,384.40	
Fuel (litres/hour)			$0.00	$0.00	
Other				$0.00	
				$3,099.40	**$3,099.40**
Accommodation & Food	**Rates per day**				
Hotel			$0.00	$0.00	
Camp	30/day	8.00	$30.00	$240.00	
Meals	20/day	8.00	$20.00	$160.00	
				$400.00	**$400.00**
Miscellaneous					
Telephone	Sat Phone	8.00	$10.00	$80.00	
Other (Specify)					
				$80.00	**$80.00**
Equipment Rentals					
Field Gear (Specify)			$0.00	$0.00	
Other (Specify)					
				$0.00	**$0.00**
Freight, rock samples					
				$0.00	
				$0.00	
				$0.00	**$0.00**
TOTAL Expenditures					**$8,567.86**

Appendix III

ROCK SAMPLE DESCRIPTIONS

BW-12-435; Sample from outcrop and float that appears to have broken off outcrop. Outcrop consists of altered granite cut by veins and veinlets up to 3 cm wide; most veins are much narrower. Veins are composed of chalcedony. Altered granite is chalky and is a mix of dark and light grey in colour.

BW-12-438; Float sample; angular nature of float boulder indicates it could possibly be from a local source. Sample of quartz-feldspar rich rock with areas of chalky alteration and quartz veining. Veins contain a dark coloured, opaque mineral, possibly wolframite or specular hematite.

BW-12-450; Sample from outcrop; sample of greissen vein. Orange-brown weathering granite out crop is cut by a 3 cm wide vuggy quartz vein with 3-10 cm wide band of dark grey coloured alteration on either side of the quartz vein. The vuggy quartz vein contains course wolframite up to 5 cm in length, mica and tiny millimetre sized beryl (?) crystals. The greissen zone appears to consist of altered granite enriched in dark mica (biotite), quartz and possibly sericite. The sample consists of both the quartz vein and the dark grey alteration halo.

BW-12-461; Sample from outcrop; sample of greissen vein. This sample is from one side of the alteration halo surrounding a thin (1 cm) quartz vein with visible wolframite (?) that cuts granite. The alteration halo is 8 cm wide on each side of the vein.

BW-12-462A; Sample from outcrop; sample of greissen vein. The next three samples (462A, 462B and 462C) are all from the same small area and are marked as one sample site on Figures 6, 7b and 8b. This sample is from a wolframite bearing quartz vein 3 cm wide and its 25 cm wide alteration halo.

BW-12-462B; Sample from outcrop; sample of greissen vein. This sample is from a complete cross section of one of the greissen veins. The quartz vein is less than 1 cm wide and the total width of the alteration halo is about 12 cm.

BW-12-462C; Sample from outcrop; sample of greissen vein. This sample is from one side of the alteration halo surrounding a thin (1/2 cm) quartz vein that cuts granite. The alteration halo is 12 cm wide on each side of the vein.

BW-12-465; Sample from angular float that is probably locally derived. This sample is very chalky, probably a very altered granite, cross cut by many narrow quartz-chalcedony veins.

BW-12-486; Sample from talus float; sample of greissen vein. This sample is from one half of a wolframite-bearing quartz vein 1 cm thick and its 23 cm wide alteration halo.

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Submitted By: Brad Wilson
Receiving Lab: Canada-Whitehorse
Received: August 03, 2012
Report Date: September 13, 2012
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI12000550.1

CLIENT JOB INFORMATION

Project:	NONE_GIVEN
Shipment ID:	08032012
P.O. Number	
Number of Samples:	9

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	9	Crush, split and pulverize 250 g rock to 200 mesh			WHI
Group 1T	9	4 Acid digestion Ultratrace ICP-MS analysis	0.25	Completed	VAN

SAMPLE DISPOSAL

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

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

ADDITIONAL COMMENTS

Invoice To: Wilson, Brad
PO Box 352
Kingston ON K7L 4W2
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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. 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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Project: NONE_GIVEN
Report Date: September 13, 2012

CERTIFICATE OF ANALYSIS WHI12000550.1

Method		WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
Analyte		Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
Unit		kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
MDL		0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02
BW12-435	Rock	1.08	0.94	20.41	25.80	41.5	41	0.8	0.7	404	1.00	10.7	6.5	<0.1	23.6	25	0.02	0.90	0.09	5	0.09
BW12-438	Rock	1.24	0.44	36.54	936.0	358.7	29532	1.0	2.8	758	16.03	21.7	110.7	<0.1	11.5	50	0.33	0.96	40.20	29	0.25
BW12-450	Rock	1.66	46.53	15.69	23.98	149.7	1162	0.7	0.8	2656	3.74	4.4	30.5	<0.1	43.3	9	0.43	0.27	11.46	3	0.26
BW12-461	Rock	1.32	19.63	17.75	12.74	66.6	220	1.0	0.6	876	2.28	0.8	16.0	<0.1	28.0	17	0.15	0.51	17.32	3	0.31
BW12-462A	Rock	0.77	52.19	5.38	35.70	153.2	588	0.9	0.3	5054	2.53	2.7	33.2	<0.1	33.8	17	0.14	0.23	4.67	<1	0.35
BW12-462B	Rock	2.24	26.90	7.23	4.73	84.7	101	0.7	0.7	1276	3.60	1.9	14.3	<0.1	29.0	7	<0.02	0.22	9.80	2	0.31
BW12-462C	Rock	1.98	33.47	2.85	8.42	81.4	302	0.9	0.7	1331	3.66	2.1	23.1	<0.1	29.9	8	0.09	0.22	58.88	18	0.44
BW12-465	Rock	0.65	0.67	2.32	61.82	41.9	634	0.2	0.3	303	0.73	2.1	8.7	<0.1	35.1	17	0.21	1.44	0.86	4	0.05
BW12-486	Rock	1.44	5.94	3.57	13.79	112.0	564	0.7	0.5	5256	3.93	0.8	23.9	<0.1	45.0	4	0.05	0.12	80.83	<1	0.31

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Project: NONE_GIVEN
Report Date: September 13, 2012

CERTIFICATE OF ANALYSIS WHI12000550.1

	Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
	Analyte	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm
	Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1
BW12-435	Rock	0.011	23.7	5	0.06	527	0.075	6.78	0.151	3.11	5.3	42.4	4.6	2	1.5	<0.04	21.6	52.79	6.0	20.5	5.1
BW12-438	Rock	0.003	21.8	9	0.02	39	0.039	2.03	1.135	0.04	65.5	8.1	85.5	35	1.3	<0.04	89.8	45.14	6.0	23.7	9.0
BW12-450	Rock	0.004	39.5	19	0.05	193	0.040	7.78	0.574	4.14	>200	33.5	68.3	514	1.9	<0.04	44.0	82.84	11.1	38.8	9.1
BW12-461	Rock	0.002	15.5	26	0.02	123	0.026	4.89	0.951	2.21	22.3	35.4	37.8	5	0.9	<0.04	36.3	34.74	4.6	17.7	4.6
BW12-462A	Rock	0.002	22.0	31	0.03	127	0.027	6.13	1.854	1.92	>200	40.6	46.0	5	1.8	<0.04	32.6	46.95	6.0	20.9	5.1
BW12-462B	Rock	0.002	20.6	5	0.03	139	0.032	5.40	0.332	3.14	20.7	31.7	52.4	4	1.0	<0.04	30.9	48.24	6.2	22.9	6.4
BW12-462C	Rock	0.001	21.6	4	0.03	125	0.033	5.81	0.304	3.21	63.9	41.6	47.8	4	1.1	<0.04	38.6	49.35	6.6	23.3	7.0
BW12-465	Rock	0.004	11.5	3	0.02	81	0.030	6.65	0.045	0.56	1.8	62.9	5.9	5	1.0	<0.04	41.9	43.97	3.0	11.6	3.6
BW12-486	Rock	<0.001	16.8	7	<0.02	33	0.011	6.03	0.163	3.03	>200	49.0	60.2	4	1.3	<0.04	85.1	41.31	6.2	23.1	7.4

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Project: NONE_GIVEN
Report Date: September 13, 2012

CERTIFICATE OF ANALYSIS WHI12000550.1

	Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
	Analyte	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	In	Re	Se	Te
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	0.01	0.002	0.3	0.05
BW12-435	Rock	0.1	4.0	0.6	3.1	0.6	1.8	0.3	2.0	0.3	2.31	69.7	189.9	1.7	22.62	4.6	19.75	0.03	0.010	<0.3	0.07
BW12-438	Rock	0.1	10.7	2.3	14.8	3.5	9.9	1.7	11.6	1.7	0.46	40.6	3.5	0.3	24.56	1.2	10.46	1.05	0.003	<0.3	0.06
BW12-450	Rock	0.1	6.1	1.3	7.6	1.5	4.3	0.8	5.8	1.0	1.89	385.9	674.5	0.2	22.97	8.1	38.55	1.35	0.010	<0.3	<0.05
BW12-461	Rock	<0.1	4.2	0.9	5.5	1.1	3.3	0.5	3.5	0.6	1.94	206.8	358.3	1.9	17.73	11.9	20.43	0.75	0.010	0.4	<0.05
BW12-462A	Rock	<0.1	4.7	1.0	5.9	1.6	5.8	1.4	11.4	2.1	2.36	171.8	311.1	<0.1	5.28	7.3	27.22	1.64	0.010	0.3	<0.05
BW12-462B	Rock	<0.1	5.8	1.0	5.6	1.1	3.2	0.5	3.3	0.5	1.57	390.9	543.7	1.6	19.30	21.0	28.64	0.59	0.004	<0.3	0.08
BW12-462C	Rock	<0.1	5.6	1.1	6.3	1.2	3.7	0.6	4.2	0.6	2.16	357.3	517.1	2.2	18.05	16.7	28.93	0.61	0.005	1.0	0.19
BW12-465	Rock	0.1	4.1	0.9	5.7	1.3	4.3	0.7	4.8	0.7	3.16	60.2	44.6	1.3	16.33	3.3	21.55	0.02	0.003	0.4	<0.05
BW12-486	Rock	<0.1	9.4	2.0	14.1	3.1	10.2	2.1	14.1	2.2	3.04	280.3	488.3	<0.1	0.59	2.2	32.92	1.42	0.010	<0.3	<0.05

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CERTIFICATE OF ANALYSIS WHI12000550.1

		Method	1T
		Analyte	Tl
		Unit	ppm
		MDL	0.05
BW12-435	Rock		1.33
BW12-438	Rock		0.07
BW12-450	Rock		5.77
BW12-461	Rock		3.02
BW12-462A	Rock		2.64
BW12-462B	Rock		4.93
BW12-462C	Rock		4.52
BW12-465	Rock		0.39
BW12-486	Rock		4.76

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Project: NONE_GIVEN
Report Date: September 13, 2012

QUALITY CONTROL REPORT WHI12000550.1

	Method	WGHT	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
	Analyte	Wgt	Mo	Cu	Pb	Zn	Ag	Ni	Co	Mn	Fe	As	U	Au	Th	Sr	Cd	Sb	Bi	V	Ca
	Unit	kg	ppm	ppm	ppm	ppm	ppb	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%
	MDL	0.01	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02
Pulp Duplicates																					
BW12-465	Rock	0.65	0.67	2.32	61.82	41.9	634	0.2	0.3	303	0.73	2.1	8.7	<0.1	35.1	17	0.21	1.44	0.86	4	0.05
REP BW12-465	QC		0.71	2.64	61.26	40.6	627	0.2	0.3	309	0.73	2.4	8.3	<0.1	34.3	17	0.21	1.40	0.87	5	0.07
Reference Materials																					
STD OREAS24P	Standard		1.60	51.29	2.85	118.4	92	149.4	44.6	1128	7.59	1.0	0.7	<0.1	2.8	421	0.24	0.16	0.13	166	5.94
STD OREAS45C	Standard		2.30	640.6	23.99	76.8	282	347.3	103.8	1185	19.52	12.2	2.4	<0.1	11.0	35	0.12	0.88	0.18	307	0.48
STD OREAS45C	Standard		3.05	612.2	21.92	81.4	383	328.4	94.5	1115	17.78	12.3	2.1	<0.1	9.8	36	0.16	0.84	0.35	282	0.48
STD OREAS24P Expected			1.5	52	2.9	119	60	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158	5.83
STD OREAS45C Expected			2.26	620	24	83	280	333	104	1160	18.33	10.1	2.4	0.045	10.2	36.4	0.15	0.79	0.21	270	0.482
BLK	Blank		<0.05	<0.02	<0.02	<0.2	<20	0.1	<0.2	<2	<0.02	0.9	<0.1	<0.1	<0.1	<1	<0.02	<0.02	<0.04	5	<0.02
Prep Wash																					
G1-WHI	Prep Blank		0.30	67.16	22.80	53.5	53	3.4	5.5	779	2.49	2.2	3.2	<0.1	10.8	814	0.06	0.40	0.24	51	2.45

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Project: NONE_GIVEN
Report Date: September 13, 2012

QUALITY CONTROL REPORT WHI12000550.1

	Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
	Analyte	P	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm
	Unit	%	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
	MDL	0.001	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1
Pulp Duplicates																					
BW12-465	Rock	0.004	11.5	3	0.02	81	0.030	6.65	0.045	0.56	1.8	62.9	5.9	5	1.0	<0.04	41.9	43.97	3.0	11.6	3.6
REP BW12-465	QC	0.005	11.2	3	0.02	74	0.030	6.53	0.044	0.62	2.6	63.8	6.2	4	1.1	<0.04	43.3	44.98	2.9	11.2	3.7
Reference Materials																					
STD OREAS24P	Standard	0.144	18.4	212	4.20	292	1.055	7.81	2.538	0.71	0.6	140.7	1.8	<1	20.6	<0.04	21.6	36.26	4.6	19.3	4.9
STD OREAS45C	Standard	0.053	26.8	974	0.26	270	1.204	7.75	0.098	0.32	2.9	172.6	2.7	<1	60.1	<0.04	13.5	52.94	6.3	22.9	4.5
STD OREAS45C	Standard	0.051	25.2	987	0.23	266	1.075	6.88	0.083	0.32	1.2	160.9	2.5	1	53.2	<0.04	12.4	48.06	5.4	21.2	4.4
STD OREAS24P Expected		0.136	17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	1.6		20		21.3	37.6	4.7	22	4.7
STD OREAS45C Expected		0.051	26.2	962	0.25	270	1.1313	7.59	0.097	0.36	1.06	169.7	2.9		59.03	0.021	12.9	54	6.31	24.49	4.3
BLK	Blank	<0.001	<0.1	1	<0.02	<1	<0.001	<0.02	<0.002	<0.02	<0.1	<0.2	<0.1	<1	<0.1	<0.04	<0.1	0.06	<0.1	<0.1	<0.1
Prep Wash																					
G1-WHI	Prep Blank	0.082	34.0	10	0.59	1185	0.261	8.89	2.866	3.59	1.4	14.0	1.6	3	5.4	<0.04	17.7	69.72	7.8	27.1	4.8

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QUALITY CONTROL REPORT WHI12000550.1

	Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
	Analyte	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	In	Re	Se	Te
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	0.01	0.002	0.3	0.05
Pulp Duplicates																					
BW12-465	Rock	0.1	4.1	0.9	5.7	1.3	4.3	0.7	4.8	0.7	3.16	60.2	44.6	1.3	16.33	3.3	21.55	0.02	0.003	0.4	<0.05
REP BW12-465	QC	0.1	4.0	0.8	5.4	1.4	4.0	0.7	4.3	0.6	3.06	59.3	44.5	1.3	17.19	3.3	21.95	<0.01	<0.002	<0.3	<0.05
Reference Materials																					
STD OREAS24P	Standard	1.9	5.5	0.9	4.6	0.8	2.1	0.3	1.9	0.3	3.45	7.7	24.1	1.1	19.60	1.1	21.62	0.09	<0.002	<0.3	2.34
STD OREAS45C	Standard	1.1	3.6	0.6	3.3	0.7	1.5	0.2	1.7	0.3	4.75	16.7	24.7	1.5	24.00	2.6	25.77	0.07	<0.002	2.0	<0.05
STD OREAS45C	Standard	1.3	3.8	0.6	3.1	0.5	1.6	0.2	1.5	0.2	4.25	14.6	22.0	1.4	21.08	2.4	22.91	0.09	0.002	1.5	0.12
STD OREAS24P Expected		1.6	5.3	0.81	4.6	0.8	2.2	0.3	1.83	0.25	3.6	8.7	22.4	1.04	21	0.8	19.43				
STD OREAS45C Expected		1.13	3.64	0.6	3.41	0.64	1.52	0.21	1.51	0.23	4.27	15.69	24	1.43	23.05	2.3	24.8				
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	<0.1	0.2	<0.1	<0.04	0.3	<0.02	<0.01	0.004	0.3	<0.05
Prep Wash																					
G1-WHI	Prep Blank	1.2	3.7	0.6	2.8	0.6	1.4	0.2	1.8	0.3	0.73	36.8	141.5	1.6	26.18	5.2	21.40	0.09	<0.002	<0.3	0.11

Acme Analytical Laboratories (Vancouver) Ltd.
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Client: **Wilson, Brad**
PO Box 352
Kingston ON K7L 4W2 Canada

Project: NONE_GIVEN
Report Date: September 13, 2012

QUALITY CONTROL REPORT WHI12000550.1

		Method	1T
		Analyte	Tl
		Unit	ppm
		MDL	0.05
Pulp Duplicates			
BW12-465	Rock		0.39
REP BW12-465	QC		0.37
Reference Materials			
STD OREAS24P	Standard		<0.05
STD OREAS45C	Standard		0.18
STD OREAS45C	Standard		0.15
STD OREAS24P Expected			
STD OREAS45C Expected			
BLK	Blank		<0.05
Prep Wash			
G1-WHI	Prep Blank		1.00

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Client: **Wilson, Brad**
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Kingston ON K7L 4W2 Canada

Submitted By: Brad Wilson
Receiving Lab: Canada-Whitehorse
Received: August 03, 2012
Report Date: September 13, 2012
Page: 1 of 2

CERTIFICATE OF ANALYSIS WHI12000549.1

CLIENT JOB INFORMATION

Project:	NONE_GIVEN
Shipment ID:	08032012
P.O. Number	
Number of Samples:	11

SAMPLE DISPOSAL

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

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

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
Dry at 60C	11	Dry at 60C			WHI
SS80	11	Dry at 60C sieve 100g to -80 mesh			WHI
1T	11	4 Acid digestion Ultratrace ICP-MS analysis	0.25	Completed	VAN

ADDITIONAL COMMENTS

Invoice To: Wilson, Brad
PO Box 352
Kingston ON K7L 4W2
Canada

CC:

BRITISH COLUMBIA CERTIFIED ASSAYER
CLARENCE LEONG
GENERAL MANAGER

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. 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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Client: **Wilson, Brad**
PO Box 352
Kingston ON K7L 4W2 Canada

Project: NONE_GIVEN
Report Date: September 13, 2012

CERTIFICATE OF ANALYSIS WHI12000549.1

Method		1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
Analyte		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	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
MDL		0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
BW12-433	Soil	4.43	6.97	49.22	156.8	149	4.7	3.1	722	1.93	5.2	34.8	<0.1	49.3	59	0.16	0.19	0.54	17	0.38	0.045
BW12-436	Soil	2.48	8.74	59.11	160.7	263	3.2	1.8	785	1.29	3.4	24.2	<0.1	44.2	44	0.41	0.26	1.10	10	0.34	0.020
BW12-438A	Soil	3.30	16.82	56.24	101.5	165	8.1	5.2	496	2.57	7.1	13.3	<0.1	43.5	142	0.14	0.29	0.94	44	1.02	0.054
BW12-440	Soil	3.57	8.14	43.72	93.0	86	4.9	2.8	668	1.61	4.8	14.8	<0.1	54.2	73	0.10	0.39	0.57	19	0.45	0.035
BW12-441	Soil	7.72	6.03	34.84	104.0	52	3.2	2.2	642	1.53	3.0	12.7	<0.1	41.5	61	0.38	0.20	0.40	16	0.47	0.046
BW12-445	Soil	2.61	4.85	39.00	86.6	99	2.3	1.5	422	1.28	3.1	13.2	<0.1	49.7	59	0.19	0.16	0.40	10	0.38	0.025
BW12-447	Soil	5.08	7.71	47.58	184.5	267	3.6	2.6	637	1.69	3.5	12.8	<0.1	46.9	85	0.34	0.16	0.70	14	0.47	0.033
BW12-448	Soil	2.31	4.16	32.85	75.9	<20	2.4	1.4	368	1.16	2.0	8.7	<0.1	34.9	56	0.18	0.16	0.16	11	0.41	0.022
BW12-463	Soil	2.84	2.78	33.94	64.9	<20	1.1	1.0	345	1.14	1.6	11.5	<0.1	39.7	41	0.11	0.12	0.26	7	0.32	0.010
BW12-477	Soil	6.02	5.85	53.85	140.1	<20	4.3	2.3	1228	2.37	7.0	29.7	<0.1	63.9	51	0.19	0.21	0.25	14	0.30	0.033
BW12-488	Soil	1.70	3.96	34.70	69.1	26	2.5	1.7	319	1.17	2.0	11.4	<0.1	46.3	54	0.07	0.16	0.67	10	0.39	0.022

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Project: NONE_GIVEN
Report Date: September 13, 2012

CERTIFICATE OF ANALYSIS WHI12000549.1

	Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1
BW12-433	Soil	33.1	9	0.22	375	0.168	8.04	2.425	3.07	3.6	67.5	7.1	7	3.6	<0.04	50.1	70.48	8.7	34.5	9.8	0.4
BW12-436	Soil	30.7	7	0.13	251	0.090	6.69	3.243	2.53	6.2	68.3	8.2	8	2.0	<0.04	61.4	71.42	8.4	36.6	9.9	0.2
BW12-438A	Soil	43.1	19	0.52	477	0.238	7.25	2.567	2.77	3.3	106.5	7.6	6	5.3	0.04	46.9	79.73	10.7	42.2	10.8	0.4
BW12-440	Soil	36.0	10	0.22	346	0.130	6.65	2.952	3.20	5.2	115.1	8.1	5	2.9	<0.04	32.4	79.96	8.8	37.3	8.9	0.3
BW12-441	Soil	33.7	11	0.19	339	0.135	6.34	2.413	2.98	2.6	122.2	5.8	7	2.9	0.04	30.9	74.53	8.3	34.2	8.0	0.2
BW12-445	Soil	30.8	9	0.12	336	0.110	6.38	2.766	3.44	2.3	150.9	5.5	5	1.8	<0.04	39.1	74.80	7.6	31.2	7.9	0.2
BW12-447	Soil	41.1	11	0.21	415	0.150	6.60	2.701	3.22	2.9	113.3	7.0	6	2.6	<0.04	43.4	96.73	9.9	40.7	9.9	0.3
BW12-448	Soil	38.1	7	0.12	288	0.103	5.87	2.945	3.54	2.4	112.2	3.2	6	1.7	<0.04	31.0	84.65	9.1	36.5	9.4	0.2
BW12-463	Soil	37.1	6	0.08	280	0.097	6.66	3.076	3.90	2.8	129.6	4.1	6	1.7	<0.04	38.9	81.56	9.1	36.5	8.8	0.2
BW12-477	Soil	47.5	9	0.17	338	0.137	9.83	2.024	3.11	3.5	113.5	12.6	8	3.4	<0.04	52.5	115.2	11.9	47.0	12.2	0.2
BW12-488	Soil	41.6	8	0.12	317	0.109	6.69	3.082	3.81	6.1	105.8	3.8	6	2.0	<0.04	40.2	95.44	10.7	41.4	10.6	0.2

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Project: NONE_GIVEN
Report Date: September 13, 2012

CERTIFICATE OF ANALYSIS WHI12000549.1

	Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
	Analyte	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	In	Re	Se	Te	Tl
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	0.01	0.002	0.3	0.05	0.05
BW12-433	Soil	8.7	1.3	8.9	1.6	5.0	0.7	6.0	0.8	3.07	69.3	204.7	3.3	37.50	8.3	29.53	0.08	0.007	0.5	<0.05	1.50
BW12-436	Soil	11.0	1.7	11.6	2.1	6.9	1.1	6.9	0.9	3.44	41.6	133.7	2.2	32.45	6.5	26.09	0.11	<0.002	<0.3	<0.05	1.53
BW12-438A	Soil	9.8	1.6	9.5	1.7	5.3	0.8	5.4	0.7	4.32	32.5	157.3	2.6	36.21	6.3	25.55	0.09	0.003	<0.3	<0.05	1.27
BW12-440	Soil	8.1	1.1	7.0	1.2	3.9	0.7	4.3	0.6	5.71	46.9	189.6	2.6	27.35	5.7	24.45	0.03	0.003	<0.3	<0.05	1.40
BW12-441	Soil	6.5	0.9	5.9	1.1	3.7	0.6	4.2	0.6	6.26	47.7	205.0	2.6	34.62	8.1	23.41	0.03	0.007	<0.3	<0.05	1.39
BW12-445	Soil	7.0	1.1	7.8	1.3	4.8	0.7	5.3	0.7	7.70	38.9	202.8	2.2	30.37	5.9	24.08	0.03	0.006	<0.3	<0.05	1.45
BW12-447	Soil	8.2	1.3	7.7	1.5	4.5	0.7	4.9	0.7	5.79	51.2	195.9	2.2	28.84	7.3	25.51	0.03	0.006	<0.3	<0.05	1.43
BW12-448	Soil	7.0	1.0	6.3	1.0	3.7	0.5	4.0	0.5	5.62	24.3	178.8	1.5	20.03	3.9	21.75	0.02	<0.002	<0.3	<0.05	1.29
BW12-463	Soil	8.4	1.1	7.3	1.4	4.7	0.7	4.7	0.7	6.30	42.7	230.8	2.4	34.06	5.5	24.34	0.03	<0.002	<0.3	<0.05	1.57
BW12-477	Soil	10.2	1.5	10.0	1.8	5.8	0.8	6.3	0.9	5.46	56.6	228.1	3.6	43.64	8.5	37.31	0.05	<0.002	<0.3	<0.05	1.73
BW12-488	Soil	9.8	1.4	8.7	1.7	5.2	0.8	5.0	0.7	5.46	36.0	205.9	2.5	37.04	4.8	24.21	0.02	<0.002	<0.3	<0.05	1.46

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Project: NONE_GIVEN
Report Date: September 13, 2012

Page: 1 of 1 Part: 1 of 3

QUALITY CONTROL REPORT WHI12000549.1

	Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
	Analyte	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	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%
	MDL	0.05	0.02	0.02	0.2	20	0.1	0.2	2	0.02	0.2	0.1	0.1	0.1	1	0.02	0.02	0.04	1	0.02	0.001
Pulp Duplicates																					
BW12-488	Soil	1.70	3.96	34.70	69.1	26	2.5	1.7	319	1.17	2.0	11.4	<0.1	46.3	54	0.07	0.16	0.67	10	0.39	0.022
REP BW12-488	QC	1.84	4.38	34.42	62.1	<20	2.6	1.3	323	1.16	2.2	11.6	<0.1	43.1	53	0.13	0.15	0.64	11	0.41	0.021
Reference Materials																					
STD OREAS24P	Standard	1.57	51.19	2.61	105.5	52	148.0	46.4	1085	7.30	1.7	0.6	<0.1	2.8	359	0.12	0.08	<0.04	163	5.43	0.125
STD OREAS24P	Standard	1.69	52.69	2.71	110.9	83	157.6	49.8	1112	7.49	2.8	0.6	<0.1	2.8	372	0.14	0.07	<0.04	166	5.52	0.129
STD OREAS24P Expected		1.5	52	2.9	119	60	141	44	1100	7.53	1.2	0.75		2.85	403	0.15	0.09		158	5.83	0.136
BLK	Blank	<0.05	0.26	0.09	<0.2	<20	<0.1	<0.2	4	<0.02	0.6	<0.1	<0.1	<0.1	3	<0.02	<0.02	<0.04	<1	<0.02	<0.001

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Project: NONE_GIVEN
Report Date: September 13, 2012

QUALITY CONTROL REPORT WHI12000549.1

	Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
	Analyte	La	Cr	Mg	Ba	Ti	Al	Na	K	W	Zr	Sn	Be	Sc	S	Y	Ce	Pr	Nd	Sm	Eu
	Unit	ppm	ppm	%	ppm	%	%	%	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.1	1	0.02	1	0.001	0.02	0.002	0.02	0.1	0.2	0.1	1	0.1	0.04	0.1	0.02	0.1	0.1	0.1	0.1
Pulp Duplicates																					
BW12-488	Soil	41.6	8	0.12	317	0.109	6.69	3.082	3.81	6.1	105.8	3.8	6	2.0	<0.04	40.2	95.44	10.7	41.4	10.6	0.2
REP BW12-488	QC	34.6	9	0.12	314	0.106	6.55	3.125	3.84	4.2	108.9	3.6	5	2.0	<0.04	38.8	81.15	8.8	35.2	9.2	0.2
Reference Materials																					
STD OREAS24P	Standard	17.8	210	4.00	277	1.124	7.56	2.483	0.60	0.5	137.5	1.7	1	19.9	<0.04	20.0	33.46	4.3	19.7	4.9	1.5
STD OREAS24P	Standard	18.2	209	4.07	291	1.154	7.70	2.556	0.62	0.5	140.7	1.9	<1	19.9	<0.04	21.4	34.47	4.5	20.5	4.9	1.5
STD OREAS24P Expected		17.4	196	4.13	285	1.1	7.66	2.34	0.7	0.5	141	1.6		20		21.3	37.6	4.7	22	4.7	1.6
BLK	Blank	<0.1	3	<0.02	1	<0.001	0.10	<0.002	<0.02	<0.1	<0.2	<0.1	<1	0.3	<0.04	0.1	0.20	<0.1	0.2	<0.1	<0.1

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QUALITY CONTROL REPORT WHI12000549.1

	Method	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T	1T
	Analyte	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf	Li	Rb	Ta	Nb	Cs	Ga	In	Re	Se	Te	Tl
	Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
	MDL	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.02	0.1	0.1	0.1	0.04	0.1	0.02	0.01	0.002	0.3	0.05	0.05
Pulp Duplicates																					
BW12-488	Soil	9.8	1.4	8.7	1.7	5.2	0.8	5.0	0.7	5.46	36.0	205.9	2.5	37.04	4.8	24.21	0.02	<0.002	<0.3	<0.05	1.46
REP BW12-488	QC	8.6	1.3	7.9	1.5	4.8	0.7	5.2	0.7	5.55	37.6	196.7	2.5	35.50	4.6	23.65	0.02	0.003	<0.3	<0.05	1.44
Reference Materials																					
STD OREAS24P	Standard	5.5	0.7	4.5	0.8	2.2	0.3	1.8	0.2	3.62	7.8	21.1	1.2	19.80	1.1	19.80	0.07	0.004	<0.3	1.21	<0.05
STD OREAS24P	Standard	5.4	0.7	4.5	0.8	2.3	0.2	1.7	0.3	3.63	8.1	21.7	1.1	19.26	1.2	20.01	0.08	<0.002	<0.3	1.43	<0.05
STD OREAS24P Expected		5.3	0.81	4.6	0.8	2.2	0.3	1.83	0.25	3.6	8.7	22.4	1.04	21	0.8	19.43					
BLK	Blank	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.02	0.4	0.3	<0.1	<0.04	0.4	0.07	<0.01	0.011	<0.3	<0.05	<0.05