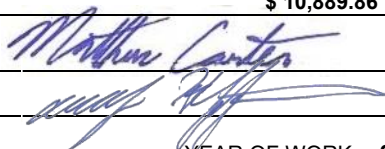


Ministry of Energy & Mines
Energy & Minerals Division
Geological Survey Branch

**ASSESSMENT REPORT
TITLE PAGE AND SUMMARY**

TITLE OF REPORT [type of survey(s)]	TOTAL COST
2010 Exploration and Prospecting At The Ren Property	\$ 10,889.86

AUTHOR(S) Matthew Carter, Geol. I.T.; Andy Hoffman, Geol. I.T. SIGNATURE(S) 

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S) _____ YEAR OF WORK 2010

STATEMENT OF WORK - CASH PAYMENT EVENT NUMBER(S)/DATE(S) Event No. 4810296 (November 16, 2010)

PROPERTY NAME REN CLAIMS

CLAIM NAME(S) (on which work was done) REN 1 & 2

COMMODITIES SOUGHT RARE EARTH ELEMENTS

MINERAL INVENTORY MINFILE NUMBER(S), IF KNOWN _____

MINING DIVISION Kamloops NTS 82 M07

LATITUDE 51 ° 21 ' 01 " LONGITUDE 118 ° 45 ' 21 " (at centre of work)

OWNER(S)

1) Jody Richard Dahrouge 2) _____

MAILING ADDRESS

11 Country Lane

Stony Plain, AB T7Z 2T2

OPERATOR(S) [who paid for the work]

1) Zimtu Capital Corp. 2) 877384 Alberta Ltd.

MAILING ADDRESS

Suite 1450, 789 West Pender Street Suite 18, 10509 - 81 Ave

Vancouver, BC V6C 1H2 Edmonton, AB T6E 1X7

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

Rare Earth Elements, Shuswap Metamorphic Terrane, Frenchman Cap, Monashee Complex, Monashee Decollement

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS _____

1983: Assessment Report 11639; 1988 Assessment Report 17182; 2007: Assessment Report 29901

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 _____			
GEOPHYSICAL (line-kilometres)			
Ground			
Magnetic _____			
Electromagnetic _____			
Induced Polarization _____			
Radiometric _____			
Seismic _____			
Other _____			
Airborne _____			
GEOCHEMICAL			
(number of samples analysed for ...)			
Soil _____			
Silt _____			
Rock _____	29	REN 1&2	\$ 1,672.43
Other _____			
DRILLING			
(total metres; number of holes, size)			
Core _____			
Non-core _____			
RELATED TECHNICAL			
Sampling/assaying _____			
Petrographic _____			
Mineralographic _____			
Metallurgic _____			
PROSPECTING (scale, area) _____	(1:100,000)	REN 1&2	\$ 9,217.43
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			\$ 10,889.86

877384 ALBERTA LTD. AND ZIMTU CAPITAL CORP.

**2010 EXPLORATION AND PROSPECTING
AT THE REN PROPERTY**

KAMLOOPS MINING DIVISION

MINERAL TENURES

672243 675463

Geographic Coordinates

Latitude: 51° 21' 01" N
Longitude: 118° 45' 21" W

NTS Sheet 82M07

Owner/Operator(s): 877384 Alberta Ltd.
Suite 18, 10509 - 81 Ave
Edmonton, AB T6E 1X7

Zimtu Capital Corp.
Suite 1450 - 789 West Pender Street
Vancouver, BC V6C 1H2

Consultant: Dahrouge Geological Consulting Ltd.
Suite 18, 10509 - 81 Ave
Edmonton, AB T6E 1X7

Authors: Matthew Carter, B.Sc. Geol.I.T.
Andy Hoffman, B.Sc. Geol.I.T.

Date Submitted: February 1, 2011

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1.0 INTRODUCTION

The Ren property is comprised of two contiguous claims totalling 1009.19 ha. Jody R. Dahrouge acquired the two claims, Ren 1 and Ren 2, in November 2009 and has held them in trust for 877384 Alberta Ltd. (877384) and its co-operator Zimtu Capital Corp. (Zimtu). Dahrouge Geological Consulting Ltd. (Dahrouge) of Edmonton, Alberta, conducted a prospecting program on September 13th, 2010 at the request of 877384 and Zimtu. Fieldwork focused primarily on a preliminary geological assessment of carbonatites and related rocks on the Ren property and their potential for hosting rare earth element (REE) and rare metal mineralization, with a secondary consideration of base and precious metals. During the course of the field program, a total of 29 rock samples were collected from the Ren Property and adjacent un-staked tenures; analytical results of these will be discussed in Section 5.0.

1.1 GEOGRAPHIC SETTING

1.1.1 Location and Access

The approximate center of the Ren Property is located roughly 55 km northwest of Revelstoke, British Columbia (Figure 1.1) just south of Ratchford Creek. Perry River-North Fork Road, which is located about 43 km west of Revelstoke along the Trans Canada Highway (TCH) and approximately one kilometre south of the Perry River Bridge, grants access to the property (Figure 1.2). Running along the west bank of the Perry River, Perry River-North Fork Road acts as a main service road for forestry operations in the area, paralleling the riverbed northward for nearly 28 km. Further northward is a crossing at Ratchford Creek whereby the claim boundaries can be reached by heading west along a series of forest service roads. From here an ATV can reach the lower parts of the claims, whereas higher elevations must be traversed on foot or accessed with helicopter support.

1.1.2 Topography, Vegetation, and Climate

Located in the Monashee Mountains, property topography ranges from 600 m along the bed of Ratchford Creek to 2000 m elevation above sea level, with surrounding local topography ranging anywhere from 600 m to 2600 m elevation above sea level. Temperatures in the area

normally range from $-15\text{ }^{\circ}\text{C}$ to $+25\text{ }^{\circ}\text{C}$, with precipitation typically averaging between 120 cm to 160 cm per year. Continuous snow cover usually extends from early November to May, with a snowpack commonly exceeding a meter in thickness. Vegetation in the region is dominated by dense coniferous forest, which includes varieties of spruce, cedar, hemlock, fir, pine and larch. Deciduous trees and shrubs such as aspen, willow, alder, and devil's club also occur throughout the area, along with a variety of fruit-bearing plants including wild raspberry and wild thimbleberry. Tree and plant populations become increasingly sparse above the standing tree line, which is at roughly 1600 m and 2000 m above sea level on steep and gentle slopes, respectively.

1.2 PROPERTY

Jody R. Dahrouge staked the Ren claims in 2009, and has held them in trust for 877384 Alberta Ltd. and its co-operator Zimtu Capital Corp. The Ren Property refers to two contiguous claims, Ren 1 and Ren 2, located within the Kamloops Mining Division and totalling 1009.19 ha (Figure 1.3, Table 1.1).

Table 1.1: Ren Property

Tenure Number	Claim Name	Issue Date	Valid Until	Area (ha)
672243	REN 1	11/20/2009	20/11/2011	504.43
675463	REN 2	11/27/2009	27/11/2011	504.76

1.3 HISTORY AND PREVIOUS INVESTIGATIONS

Interest in the area was first sparked in 1905 when Cotton Belt Mines Ltd. discovered a stratiform magnetite-lead-zinc deposit, the Cottonbelt, just a few kilometres northwest of the Ren Property at Mount Grace (Höy, 1987; Gibson and Höy, 2007). This initial discovery was followed by years of intermittent surface and underground exploration on and around the Cottonbelt deposit that continued until 1929. Additional information about the history of the Cottonbelt and associated stratiform deposits around Mount Grace is available in Höy (1987) and Gibson and Höy (2007). Wheeler (1965) produced a map of the regional geology for the area, followed shortly by McMillan (1970, 1973), who carried out mapping projects on the west flank of the Frenchman Cap gneiss dome that resulted in the documentation of two types of carbonatites. Type I intrusive carbonatites were noted to have a metasomatized contact of variable extent,

being conformable to the bedding in their metasedimentary host rocks, and commonly contacting either a syenite or nepheline syenite gneiss. Conversely Type II extrusive carbonatites, believed to be of volcanic origin and lacking any kind of metasomatic boundary, were linked with the occurrence of a prominent marble horizon that was stratigraphically above the carbonatite bodies and used as a regional marker (McMillan, 1973; McMillan and Moore, 1974). Later mapping of the Mount Grace area by Höy and McMillan (1979) revealed that the discontinuous extrusive carbonatites of the Perry River area were likely related to the extrusive Mount Grace Carbonatite, which has a lateral extent of over 60 km. In 1983, Duval International Corporation conducted a geological and geochemical survey of their Ren I-IV claims that led to the discovery of the Ratchford Creek/Ren carbonatite; samples of the Ren carbonatite rendered anomalous values of niobium, cerium and lanthanum (Pilcher, 1983). Teck Exploration Ltd. carried out extensive work on carbonatites at Ratchford Creek in 1987, which included trenching and silt, rock, and soil sampling programs as well as radiometric and magnetic surveys (Betmanis and Lovang, 1988). Results from Teck's program indicated anomalous values of niobium and light rare earth elements. Further details about the Ren carbonatite and other occurrences along the west margin of the Frenchman Cap are available in McMillan (1970; 1973), McMillan and Moore (1974), Pilcher (1983), Höy and Kwong (1986), Höy and Pell (1986), Höy (1987), Betmanis and Lovang (1988) and Pell (1994). At the present these carbonatite exposures and associated alkaline rocks are contiguously staked along the western margin of the Frenchman Cap gneiss dome.

1.4 PURPOSE OF WORK

The purpose of the 2010 fieldwork was to perform preliminary prospecting of the Ren claims for any signs or exposures of economic mineralization and to document its location and exposed extent. Carbonatite hosted rare earth element (REE), niobium, and tantalum mineralization was of particular interest for this fieldwork.

2.0 REGIONAL GEOLOGY

The Ren Property sits along west margins of the Frenchman Cap gneiss dome on the eastern edge of the Shuswap Metamorphic Terrane (Figure 2.1); the oldest core gneisses have been constrained to an age greater than 2.1 Ga, while the youngest core gneisses have generated dates between 1.86 and 2.1 Ga (Armstrong et al., 1991; Crowley, 1997). Pell (1994) divides the

Canadian Cordillera into three distinct regions hosting carbonatites and alkaline rocks; of these three zones, the Perry River carbonatites belong to a western grouping, which occur within the Omineca Belt in association with core gneiss complexes deformed under upper amphibolite metamorphic facies during the Columbian Orogeny (Pell, 1994). The Monashee Complex, exposed within a tectonic window below a high angle thrust fault known as the Monashee Decollement, constitutes the core gneisses of the Ren Property and a succession of unconformable overlying autochthonous cover units (Read and Brown, 1981). These cover units host the extrusive Mount Grace Carbonatite, as well as intrusive carbonatites like those found on the Ren property and in the Perry River area, and syenite gneisses.

3.0 PROPERTY GEOLOGY

Lithologies on the Ren claims consist of members belonging to the Monashee cover sequence described below in Section 3.1. Detailed petrographic descriptions of the Ren carbonatites and their associated rocks are available in Pilcher (1983) and Pell (1994).

3.1 STRUCTURE, STRATIGRAPHY, AND LITHOLOGY

The basement sequence of the Ren Property, along the northwestern border of the Frenchman Cap Dome is composed of a series of core gneisses that were structurally subdivided by Journeay (1982). Journeay's division, starting at the lowest stratigraphic unit, consists of paragneiss, an orthogneiss, and another paragneiss. Intercalated biotite paragneiss, semi-pelitic or pelitic schist, and quartzofeldspathic gneiss with local intrusions of superimposed potassium feldspar augen gneiss define the first paragneiss. The orthogneiss is identified by potassium feldspar augen gneiss, layered amphibolites, amphibole and orthopyroxene-bearing gneisses, alaskitic gneiss, a syenite gneiss, and a homogenous biotite gneiss that marks the upper boundary of the orthogneiss. The upper member of the core gneisses, a heterogeneous paragneiss, typically consists of biotite and quartz feldspar schists, amphibole and feldspathic gneisses, and amphibolite (Journeay, 1982; Höy 1987). Immediately overlying the core gneisses is an unconformable sequence of metasedimentary autochthonous rocks. The stratigraphic sequence for the Monashee cover suite in the areas of Mount Grace and Perry River is described as follows after Höy (1987), superseding the sequence described by McMillan (1973). Basal quartzites (Unit 3) lie directly above the core gneisses; these are comprised of successions of pure (ortho)

quartzites, feldspathic quartzites, and mica bearing quartzites with localized mica schists. Overlying the basal quartzites are a series of calcareous and pelitic schists, calc-silicate and paragneisses, impure marble, and the extrusive Mount Grace carbonatite layer that occurs in a subdivision of Höy's (1987) stratigraphic sequence (Unit 4c). A white calcite marble (Unit 5) that is used a regional marker is the next member of the sequence and may be underlain by quartzite or impure marble. The last member of the series (Unit 6), bounded at its upper surface by an unconformity, dominantly consists of pelitic schists with horizons of calc-silicate gneiss and rare quartzite layers.

The property and surrounding area have been subject to three episodes of penetrative deformation. The three episodes as characterized by McMillan (1973) and Journeay (1982) are: first generation east-verging, isoclinal and commonly shallow plunging folds; second generation west to southwest-plunging reclined folds and third generation east verging, northwest trending folds that post date metamorphism. The second-generation structures are the most prominent in the Perry River area as this second phase of deformation induced widespread interference patterns and subsequent z-folds (McMillan, 1973). Evidence of the Mount Grace syncline, a regional first generation fold, is also observable throughout the region. A major reverse fault, the Monashee Decollement sits a few kilometres west of the property, running along the west margin of the Frenchman Cap dome. This west-dipping, high-angle thrust fault separates the Monashee Complex from allochthonous cover that likely moved eastward along the Columbia River Fault Zone during the late Jurassic (Read and Brown, 1981). A series of late stage normal faults, post dating prior deformation and related to a period of crustal extension, trend north throughout the Monashee Complex. Movement along these faults is typically small on the regional scale but some, like the Perry River Fault, can exceed displacements of a kilometre.

4.0 EXPLORATION

4.1 ROCK SAMPLES

Dahrouge Geological Consulting Ltd. collected a total of 26 chip samples, 2 float samples, and 1 talus sample from the Ren Property and adjacent un-staked tenures as part of a preliminary prospecting program (Figure 4.1). Samples were collected through a combination of foot traverses, ATV surveys and helicopter support that was provided by LR Helicopters of Calgary, Alberta. The coordinates of every collection site were recorded from a handheld Garmin GPS

MAP 60 and accompanied by structural measurements (magnetic declination of 17.5° E) where outcrop exposures permitted. Lithologies sampled from the Ren property include carbonatite, fenite, marble and skarns. 5 samples (10-REN-079-1, 10-REN-079-2, 10-REN-079-3, 10-REN-118-1 and 10-REN-121) were selected for detailed petrographic studies conducted at the University of British Columbia in order to determine which minerals host the REE, Nb and Ta in these rocks. All samples were sealed in plastic bags and placed into pails for shipping to Acme Analytical Laboratories Ltd. in Vancouver, British Columbia. The samples were prepared according to Acme's R200-250 protocol; prepared samples were fused with lithium metaborate and dissolved in nitric acid prior to whole rock analysis of major and trace elements using ICP-MS, ICP-ES, and LECO (Acme 4A 4B). Analysis of base metals and precious metals, such as Ag, Au, As, Sb, Bi, Tl, Se, and Hg was carried out using ICP-MS according to Acme's 1DX protocols. Acme's analytical certificates are provided in Appendices 2 and 3.

5.0 RESULTS AND RECOMMENDATIONS

Several of the samples collected from the 2010 field program show encouraging results. Total rare earth element, niobium, and yttrium (TREE, Nb, Y) content are summarized in Table 5.1. The samples that returned the best values are highlighted in Table 5.1. Sample 71748, collected from a calcite-amphibole skarn, had the highest TREE content (1.5 %) of all samples collected and is highlighted in green. It also assayed an anomalous 250.5 ppm of Th. Sample 10-REN-079-2, a fenite, and 71736 collected from a fenite/carbonatite contact zone, returned the next highest results. Further work on the Ren Property should include a regional sampling and prospecting program focusing on establishing the extent of individual carbonatite bodies and their mineralization.

Table 5.1: TREE + Y and Nb Content Of Ren Samples

Sample	TREE + Y (ppm)	Nb (ppm)	Sample	TREE+Y (ppm)	Nb (ppm)
71732	777.0	262.2	71764	1549.8	61.1
71733	774.3	207.2	71765	1309.1	340.8
71735	1881.9	664.6	71766	1765.7	650.0
71736	2318.6	120.9	71767	328.9	54.5
71737	1527.4	197.3	10-REN-079-1	1605.0	212.2
71745	1005.0	339.9	10-REN-079-2	3096.0	179.3
71746	616.7	274.0	10-REN-079-3	1994.6	1109.0
71747	587.1	212.0	10-REN-104-1	113.6	8.3
71748	15776.5	132.3	10-REN-115	164.5	6.8
71749	1232.9	605.9	10-REN-118-1	2232.3	246.6
71750	1314.5	618.0	10-REN-119-1	1311.2	186.0
71760	1187.2	872.1	10-REN-119-2	724	19.9
71761	1576.9	754.2	10-REN-120	113.9	5.3
71762	2069.9	818.9	10-REN-121	1771.2	102.3
71763	1607.3	354.6			

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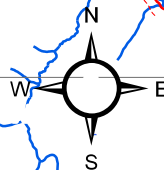
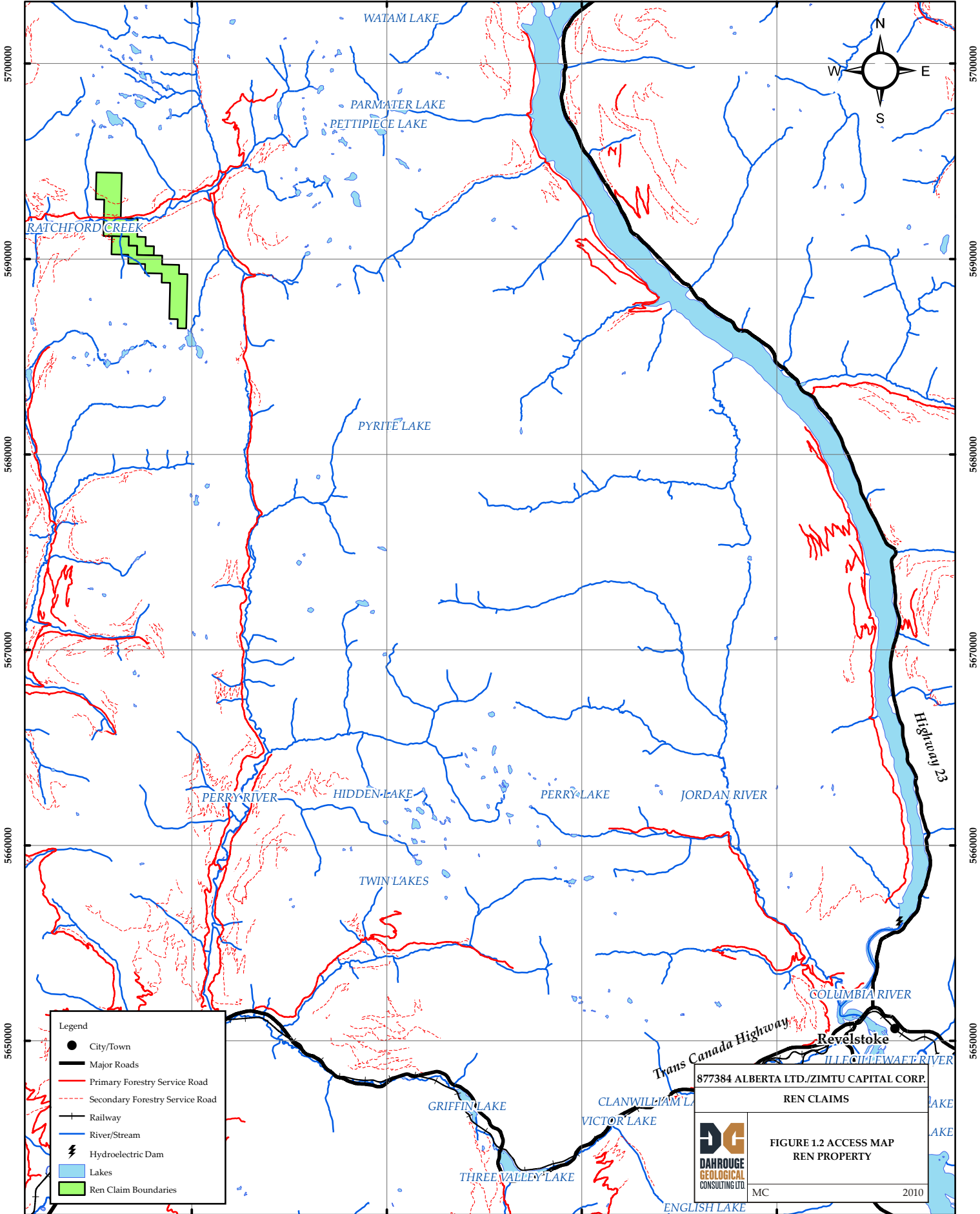
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380000

390000

400000

410000



- Legend**
- City/Town
 - Major Roads
 - Primary Forestry Service Road
 - - - Secondary Forestry Service Road
 - Railway
 - River/Stream
 - ⚡ Hydroelectric Dam
 - Lakes
 - Ren Claim Boundaries

877384 ALBERTA LTD./ZIMTU CAPITAL CORP.
REN CLAIMS

DC
DAHROUGE
GEOLOGICAL
CONSULTING LTD.

FIGURE 1.2 ACCESS MAP
REN PROPERTY

MC 2010

380000

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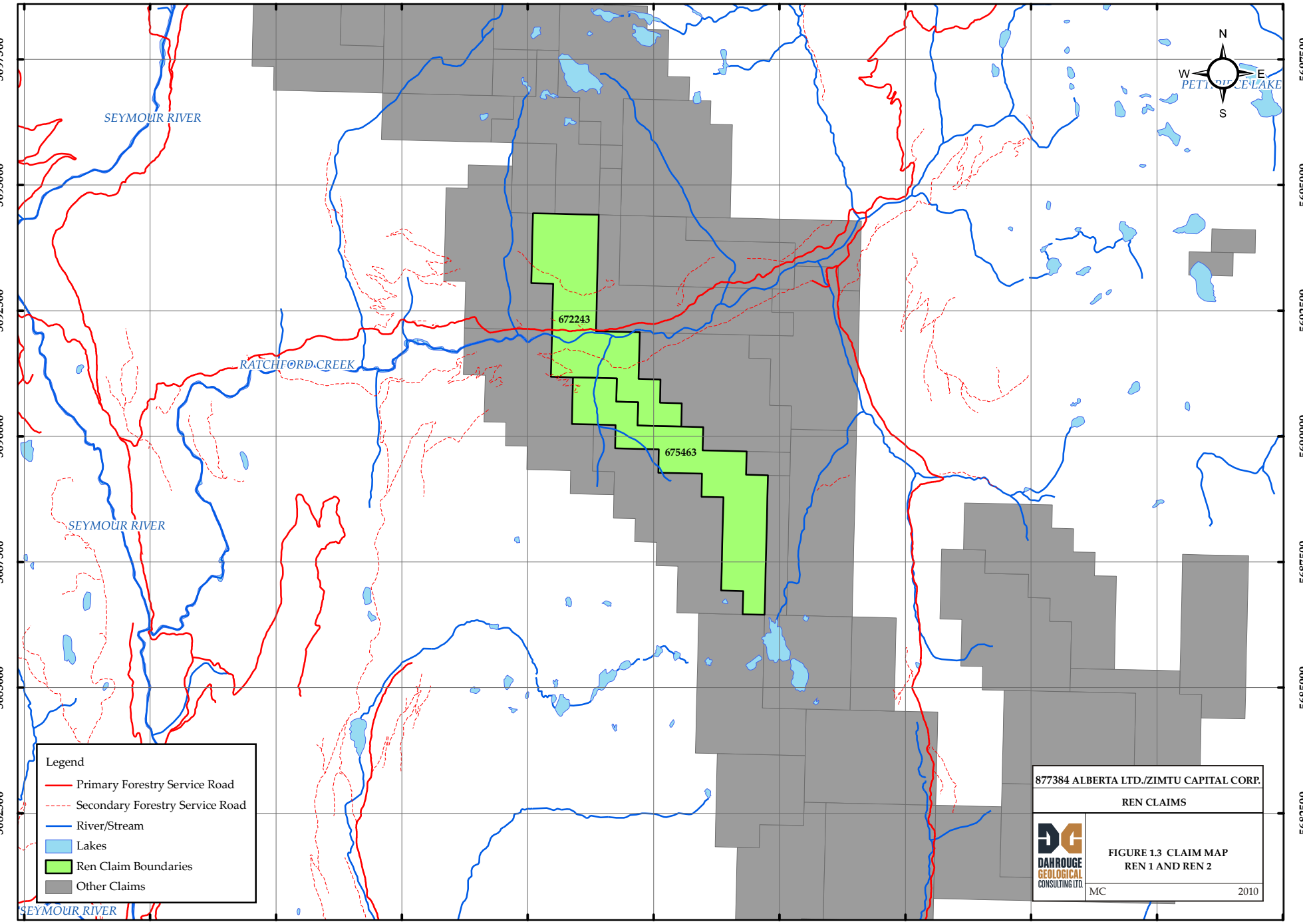
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Coordinate System: UTM NAD 83 Zone 11 N



NTS Sheet 82M, 1:250,000

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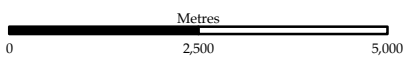
- Primary Forestry Service Road
- - - Secondary Forestry Service Road
- River/Stream
- Lakes
- Ren Claim Boundaries
- Other Claims

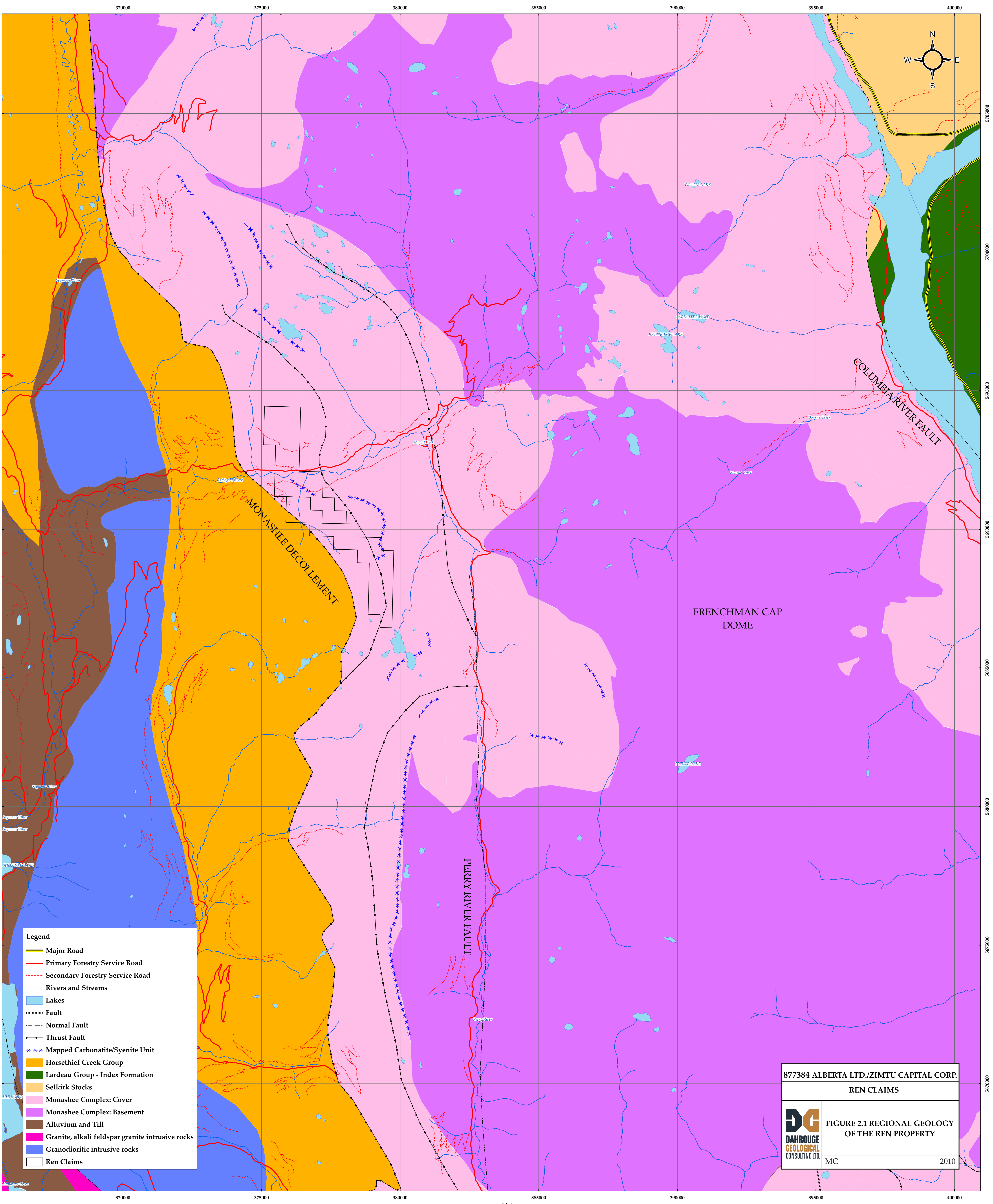
877384 ALBERTA LTD./ZIMTU CAPITAL CORP.
REN CLAIMS

DC
DAHROUGE
GEOLOGICAL
CONSULTING LTD.

FIGURE 1.3 CLAIM MAP
REN 1 AND REN 2

MC 2010





- Legend**
- Major Road
 - Primary Forestry Service Road
 - Secondary Forestry Service Road
 - Rivers and Streams
 - Lakes
 - Fault
 - Normal Fault
 - Thrust Fault
 - Mapped Carbonatite/Syenite Unit
 - Horsethief Creek Group
 - Lardeau Group - Index Formation
 - Selkirk Stocks
 - Monashee Complex: Cover
 - Monashee Complex: Basement
 - Alluvium and Till
 - Granite, alkali feldspar granite intrusive rocks
 - Granodioritic intrusive rocks
 - Ren Claims

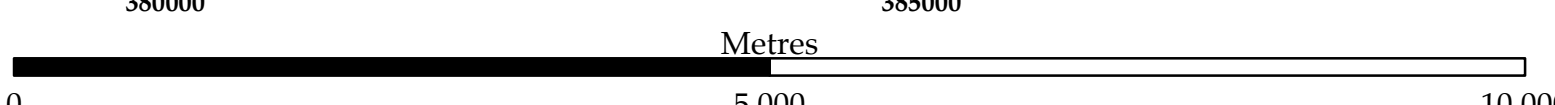
877384 ALBERTA LTD./ZIMTU CAPITAL CORP.
REN CLAIMS



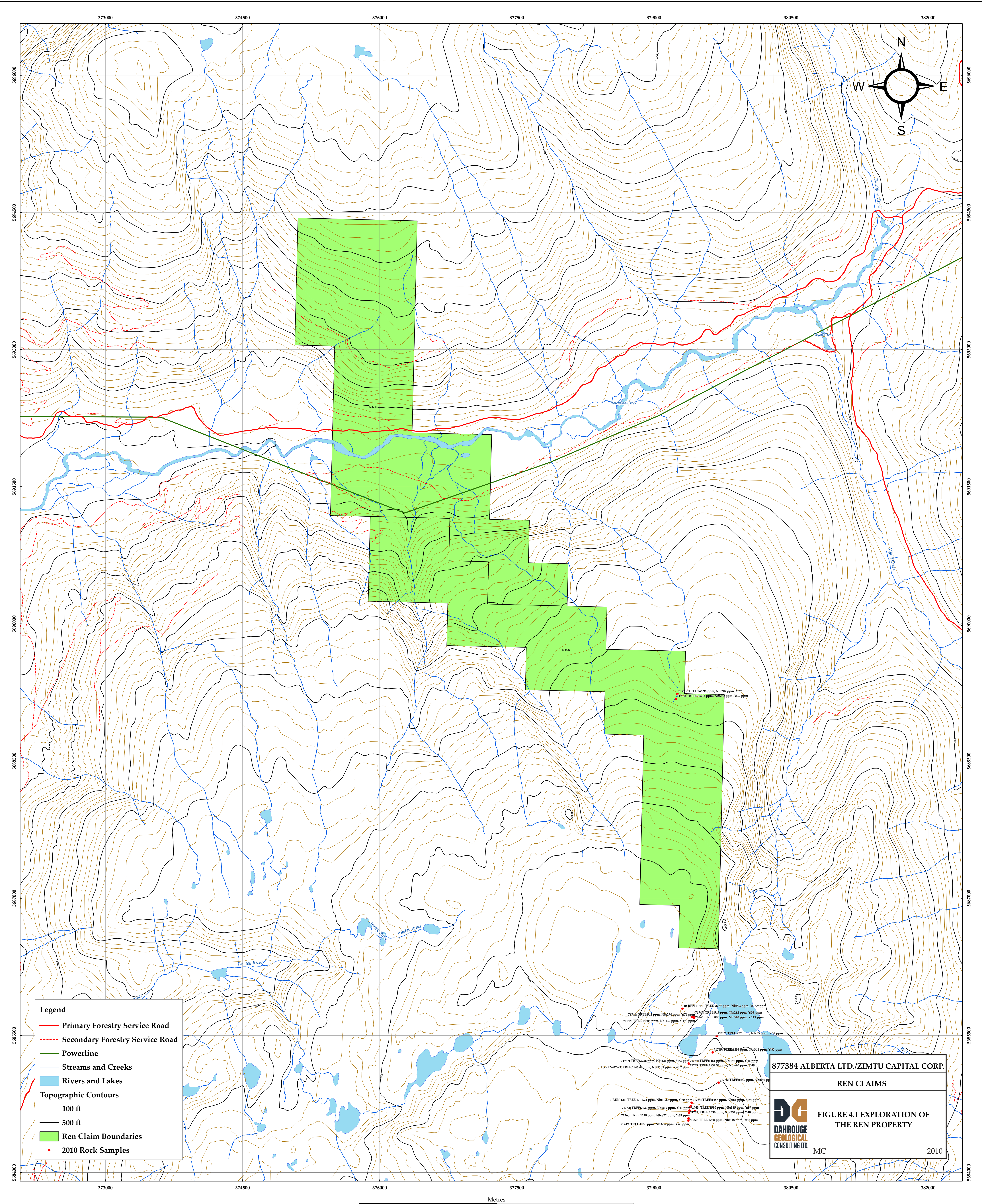
FIGURE 2.1 REGIONAL GEOLOGY
OF THE REN PROPERTY

MC 2010

Coordinate System: UTM NAD 83 Zone 11 N



NTS Sheet 82M, 1:50,000



- Legend**
- Primary Forestry Service Road
 - Secondary Forestry Service Road
 - Powerline
 - Streams and Creeks
 - Rivers and Lakes
 - Topographic Contours**
 - 100 ft
 - 500 ft
 - Ren Claim Boundaries
 - 2010 Rock Samples

71761	TREE:1041	TREE:1047	ppm, Ni:8.3	ppm, V:14.9	ppm
71762	TREE:1042	TREE:1048	ppm, Ni:27.4	ppm, V:17.7	ppm
71763	TREE:1043	TREE:1049	ppm, Ni:27.4	ppm, V:17.7	ppm
71764	TREE:1044	TREE:1050	ppm, Ni:132	ppm, V:173	ppm
71765	TREE:1045	TREE:1051	ppm, Ni:55	ppm, V:52	ppm
71766	TREE:1046	TREE:1052	ppm, Ni:41	ppm, V:80	ppm
71767	TREE:1047	TREE:1053	ppm, Ni:123	ppm, V:197	ppm
71768	TREE:1048	TREE:1054	ppm, Ni:872	ppm, V:41	ppm
71769	TREE:1049	TREE:1055	ppm, Ni:872	ppm, V:41	ppm
71770	TREE:1050	TREE:1056	ppm, Ni:606	ppm, V:45	ppm

877384 ALBERTA LTD./ZIMTU CAPITAL CORP.

REN CLAIMS

**DAHROUGE
GEOLOGICAL
CONSULTING LTD.**

**FIGURE 4.1 EXPLORATION OF
THE REN PROPERTY**

MC 2010

APPENDIX 1: ITEMIZED COST STATEMENT FOR THE 2010 EXPLORATION

a) Personnel

A. Hoffman, Geologist			
5.00	days	Support, Reporting, Supervision	
5.00	days	@ \$ 450.00	\$ 2,250.00
L. Millong, Geologist			
1.00	day	Field work and travel September 13	
1.00	day	@ \$ 450.00	\$ 450.00
J. Gorham, Geologist			
2.00	days	Support, Supervision	
2.00	days	@ \$ 840.00	\$ 1,680.00
R. Bergmann, Geologist			
1.00	day	Field work and travel September 13	
1.00	day	@ \$ 450.00	\$ 450.00
M. Carter, Geologist			
8.00	days	Support, Reporting	
8.00	days	@ \$ 390.00	\$ 3,120.00
W. McGuire			
0.10	days	Draftsman, Support	
0.10	days	@ \$ 575.00	\$ 57.50
			\$ 8,007.50

FIELD WORK SUMMARY

Ren Claims Prospecting

Claims REN 1&2; 1,009.19 ha
 29 rock samples were collected
 Prospecting area for outcrop exposure and access
 Field personnel: L. Millong, R. Bergmann

b) Food and Accommodation

2 man-days	@ \$ 33.04	accommodations	\$ 66.08
2 man-days	@ \$ 55.00	meals	\$ 110.00
			\$ 176.08

c) Transportation

Vehicles:	Truck Rental	\$ 123.55
	L.R. Helicopters	\$ 761.32
	ATV	\$ 59.21
	Fuel	\$ 74.80
		\$ 1,018.88

f) Analyses

Acme Analytical Laboratories Inc.

29	samples	@ \$ 57.67	Rock samples	\$ 1,672.43
				\$ 1,672.43

g) Other


	Software (ArcGIS, Etc.)	\$ 8.25
	Courier and Shipping	\$ 2.80
	Disposable Supplies	\$ 3.92
		\$ 14.97

Total

\$ 14.97

\$ 10,889.86

Edmonton, Alberta
1/7/2011



Andy Hoffman, B.Sc., Geol. I.T.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada

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Client: **Dahrouge Geological Consulting**
18 - 10509 - 81 Ave
Edmonton AB T6E 1X7 Canada

Submitted By: Andy Hoffman
Receiving Lab: Canada-Vancouver
Received: September 23, 2010
Report Date: October 20, 2010
Page: 1 of 2

CERTIFICATE OF ANALYSIS

VAN10004850.1

CLIENT JOB INFORMATION

Project: Ren
Shipment ID:
P.O. Number
Number of Samples: 19

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	19	Crush, split and pulverize 250 g rock to 200 mesh			VAN
4A4B	19	Whole Rock Analysis Majors and Trace Elements	0.2	Completed	VAN

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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: Dahrouge Geological Consulting
18 - 10509 - 81 Ave
Edmonton AB T6E 1X7
Canada

CC:



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.



1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

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www.acmelab.com

Client: **Dahrouge Geological Consulting**

18 - 10509 - 81 Ave
Edmonton AB T6E 1X7 Canada

Project: Ren

Report Date: October 20, 2010

Page: 2 of 2 Part 1

CERTIFICATE OF ANALYSIS

VAN10004850.1

Method	WGHT	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	
Analyte	Wgt	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	
Unit	kg	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	
71732	Rock	0.32	62.49	11.08	6.02	4.72	5.49	2.39	2.67	0.64	1.24	0.17	0.011	33	32	2.6	99.57	1205	4	13.0	1.4
71733	Rock	0.32	62.59	10.98	5.70	4.73	4.98	2.45	2.63	0.64	1.30	0.16	0.010	28	30	3.4	99.59	1207	4	12.8	1.5
71735	Rock	2.88	5.95	1.01	8.85	11.68	31.92	0.75	0.41	0.32	2.70	0.66	0.004	<20	23	34.3	98.60	1721	2	17.4	<0.1
71736	Rock	1.67	28.20	2.04	6.19	8.33	22.82	3.87	0.40	0.22	2.38	0.39	0.005	<20	37	16.6	91.47	>50000	11	3.9	<0.1
71737	Rock	3.76	50.54	2.97	7.54	10.48	17.56	4.36	0.12	0.27	2.15	0.34	0.007	22	42	3.0	99.32	501	15	7.1	<0.1
71745	Rock	0.99	47.08	2.47	9.52	11.25	19.57	0.53	1.50	1.18	1.01	1.12	0.023	125	27	4.2	99.51	298	4	30.3	0.6
71746	Rock	0.75	16.36	4.28	12.63	10.59	24.76	0.13	3.50	3.08	1.87	0.68	0.046	188	30	21.4	99.37	451	5	40.4	1.0
71747	Rock	1.25	21.58	2.72	14.59	13.41	21.05	0.15	2.36	2.84	0.51	0.90	0.062	315	33	19.1	99.34	482	7	42.1	0.7
71748	Rock	1.49	38.95	1.07	9.08	9.08	25.85	0.29	0.16	0.38	1.92	2.08	0.004	<20	35	8.7	97.54	577	11	10.0	0.2
71749	Rock	1.79	2.40	0.32	4.33	12.40	35.33	0.17	0.25	0.06	4.19	0.52	<0.002	<20	37	38.9	98.86	552	<1	8.3	0.1
71750	Rock	1.01	14.28	3.30	7.12	11.67	27.92	0.23	2.70	0.34	2.90	0.48	0.003	<20	25	27.9	98.84	1531	3	14.1	1.2
71760	Rock	2.14	20.01	5.58	29.86	8.03	15.60	1.02	3.55	1.49	3.37	0.32	0.004	23	33	10.1	98.95	2187	3	21.9	1.3
71761	Rock	0.48	20.17	4.25	7.79	11.64	24.91	1.40	2.51	0.47	2.92	0.42	0.006	21	32	22.0	98.54	3693	4	16.9	1.0
71762	Rock	2.25	11.44	2.89	8.97	12.71	26.77	0.42	2.24	0.39	3.41	0.59	0.004	<20	23	28.8	98.67	1480	3	12.7	1.0
71763	Rock	2.05	14.58	3.99	8.48	8.00	30.62	0.59	3.02	0.38	3.53	0.35	<0.002	<20	17	25.3	98.86	1825	2	16.9	1.2
71764	Rock	1.97	4.49	1.30	5.40	5.52	41.75	0.15	1.05	0.14	4.48	0.38	<0.002	<20	17	34.2	98.83	2187	<1	12.4	0.4
71765	Rock	0.95	16.44	1.84	12.51	13.77	24.54	0.07	1.41	3.12	0.87	0.52	0.036	134	30	24.2	99.32	347	4	34.3	1.3
71766	Rock	0.36	25.67	2.01	12.90	12.57	23.24	0.10	1.25	3.95	0.80	0.46	0.059	149	49	15.5	98.48	6136	6	35.6	7.8
71767	Rock	1.22	8.93	1.11	6.53	16.10	27.57	0.03	0.60	0.79	1.34	0.42	0.016	39	12	36.1	99.56	88	1	12.5	0.5



Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Dahrouge Geological Consulting**
18 - 10509 - 81 Ave
Edmonton AB T6E 1X7 Canada

Project: Ren
Report Date: October 20, 2010

Page: 2 of 2 Part 2

CERTIFICATE OF ANALYSIS

VAN10004850.1

Method	Analyte	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	
		Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05	
71732	Rock	14.0	6.8	262.2	63.2	5	403.5	11.0	23.3	8.5	97	0.8	237.7	32.0	159.9	342.9	39.25	148.3	20.62	4.89	12.83
71733	Rock	14.3	6.4	207.2	61.2	5	421.4	9.7	20.9	9.1	90	0.9	246.9	27.3	161.0	344.7	39.29	150.0	20.89	4.73	12.25
71735	Rock	3.7	4.9	664.6	9.9	4	5310	18.8	29.3	13.3	59	<0.5	193.5	49.4	400.0	854.7	94.86	369.5	46.97	12.03	29.17
71736	Rock	5.8	1.8	120.9	0.7	3	5888	4.9	13.4	19.7	99	1.9	47.4	62.7	548.1	1059	108.6	410.6	51.22	14.26	32.38
71737	Rock	8.9	3.8	197.3	0.5	4	1535	6.5	8.7	18.8	133	<0.5	152.3	46.0	308.7	698.3	77.67	297.8	39.86	10.23	23.78
71745	Rock	6.4	7.2	339.9	31.4	4	492.7	6.8	65.6	12.3	149	1.5	147.5	119.1	125.1	301.4	44.51	235.0	59.78	18.00	43.91
71746	Rock	12.0	12.9	274.0	102.3	4	1162	8.8	23.9	1.5	243	2.0	514.5	74.2	79.8	200.4	28.26	133.3	30.29	9.03	26.40
71747	Rock	9.3	11.7	212.0	68.5	4	1261	7.3	40.1	1.1	220	1.3	503.4	38.0	93.7	221.2	29.61	133.9	26.71	7.56	18.05
71748	Rock	2.7	14.8	132.3	6.0	12	2176	0.7	250.5	1.5	92	7.6	453.4	172.5	3231	7692	831.8	3136	383.2	79.59	157.0
71749	Rock	2.7	5.1	605.9	6.1	2	5023	22.9	38.3	24.2	17	<0.5	196.7	45.0	238.6	522.8	64.05	263.4	38.91	10.43	25.59
71750	Rock	6.9	3.5	618.0	94.7	3	4237	30.1	31.3	31.7	58	<0.5	131.7	46.2	269.3	565.5	66.34	268.2	39.54	10.39	25.09
71760	Rock	15.5	6.1	872.1	90.2	9	2128	20.7	27.1	26.1	510	<0.5	224.8	38.9	234.2	515.1	61.30	249.7	35.91	9.24	22.28
71761	Rock	11.1	5.7	754.2	97.0	4	4216	26.3	41.8	31.0	73	<0.5	226.3	40.4	359.7	712.4	77.55	294.7	37.84	9.61	23.02
71762	Rock	8.0	5.6	818.9	83.4	4	4376	38.5	54.7	28.4	66	<0.5	225.0	41.0	444.6	952.9	107.5	414.6	47.94	11.72	27.32
71763	Rock	11.0	7.3	354.6	84.2	3	4110	18.6	17.8	12.9	65	<0.5	350.8	57.4	317.7	701.6	81.41	332.4	45.65	11.95	29.85
71764	Rock	5.2	5.3	61.1	27.4	<1	5034	3.0	14.3	1.1	21	<0.5	221.6	64.1	308.1	659.2	77.00	316.8	46.53	12.61	32.30
71765	Rock	8.2	17.8	340.8	33.6	5	738.9	12.7	52.3	1.9	160	10.1	475.6	79.5	247.9	564.9	62.09	242.7	35.42	9.94	27.55
71766	Rock	9.7	8.2	650.0	51.8	5	1644	18.4	181.5	1.4	265	23.9	196.1	106.5	332.3	746.1	82.50	329.0	53.76	15.08	44.28
71767	Rock	3.0	4.1	54.5	21.9	<1	698.9	2.3	16.7	1.7	80	1.1	164.2	51.8	55.2	110.9	12.75	49.2	9.87	3.63	11.27



Acme Analytical Laboratories (Vancouver) Ltd.
1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Dahrouge Geological Consulting**
18 - 10509 - 81 Ave
Edmonton AB T6E 1X7 Canada

Project: Ren
Report Date: October 20, 2010

Page: 2 of 2 Part 3

CERTIFICATE OF ANALYSIS

VAN10004850.1

Method	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	2A	Leco	2A	Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX
Analyte	Tb	Dy	Ho	Er	Tm	Yb	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.1	
71732	Rock	1.67	7.66	1.11	2.77	0.39	2.38	0.35	0.20	<0.02	1.5	11.3	25.1	106	24.9	1.3	0.4	<0.1	0.2	<0.1	0.8
71733	Rock	1.49	6.62	0.94	2.35	0.33	2.09	0.28	0.16	<0.02	1.7	10.5	11.8	87	24.0	1.3	0.2	<0.1	0.1	<0.1	0.9
71735	Rock	3.30	13.03	1.71	3.93	0.48	2.52	0.32	10.11	0.68	1.9	18.3	43.3	74	16.3	3.2	0.9	<0.1	0.4	0.3	1.2
71736	Rock	3.85	15.51	2.15	5.10	0.63	3.65	0.45	4.14	1.39	1.8	4.5	47.6	21	2.1	3.0	0.5	<0.1	0.1	<0.1	<0.5
71737	Rock	2.99	12.93	1.75	3.84	0.47	2.66	0.37	0.48	<0.02	0.2	0.7	71.8	34	1.9	7.5	0.2	<0.1	1.9	0.2	<0.5
71745	Rock	5.73	26.60	4.08	10.32	1.40	8.89	1.16	0.88	0.21	1.7	3.6	9.3	36	43.8	4.3	<0.1	<0.1	0.4	<0.1	<0.5
71746	Rock	3.56	16.95	2.56	6.17	0.77	4.43	0.55	5.75	0.08	2.3	79.1	79.0	115	162.4	3.9	0.3	<0.1	0.1	0.2	1.9
71747	Rock	2.09	8.76	1.24	3.01	0.41	2.51	0.32	5.19	0.06	1.4	41.7	45.8	87	223.1	2.2	0.2	<0.1	0.1	0.1	1.6
71748	Rock	14.36	50.28	4.97	11.21	1.54	9.89	1.17	2.40	0.58	46.6	31.9	26.7	79	2.0	7.5	0.2	<0.1	0.7	0.3	2.4
71749	Rock	3.05	12.79	1.65	3.54	0.39	2.40	0.27	10.96	0.08	5.7	2.0	10.8	30	3.9	4.3	0.7	<0.1	<0.1	<0.1	<0.5
71750	Rock	2.91	12.71	1.62	3.54	0.42	2.46	0.30	7.33	0.23	3.6	10.6	21.0	75	17.8	3.8	0.4	<0.1	<0.1	<0.1	0.6
71760	Rock	2.61	10.74	1.41	3.05	0.37	2.15	0.25	2.57	0.24	14.2	18.1	20.6	184	21.8	2.6	0.3	<0.1	0.4	0.2	<0.5
71761	Rock	2.66	11.59	1.43	3.13	0.40	2.19	0.26	5.58	0.26	1.6	7.1	19.6	101	18.3	3.3	0.4	<0.1	0.1	<0.1	<0.5
71762	Rock	3.00	12.06	1.46	2.97	0.35	2.19	0.23	7.72	0.14	4.2	3.5	18.0	117	11.7	4.0	0.8	<0.1	<0.1	<0.1	<0.5
71763	Rock	3.47	14.93	2.05	4.59	0.57	3.31	0.39	6.70	0.34	0.4	8.8	28.3	101	7.6	3.9	0.4	<0.1	0.1	0.2	*
71764	Rock	3.84	17.32	2.31	5.15	0.59	3.49	0.42	9.66	0.35	0.1	5.0	42.1	42	3.5	4.9	0.6	<0.1	0.3	0.1	<0.5
71765	Rock	3.85	18.45	2.77	6.90	0.93	5.40	0.80	6.62	0.05	0.5	12.5	10.8	35	90.5	3.2	0.3	<0.1	<0.1	<0.1	0.6
71766	Rock	5.79	26.48	4.05	9.82	1.27	7.73	1.03	4.20	0.15	1.5	94.7	11.3	58	86.3	2.6	0.2	<0.1	0.1	<0.1	<0.5
71767	Rock	1.93	10.88	1.86	4.60	0.61	3.85	0.50	10.08	0.08	5.6	4.3	8.0	24	32.4	3.0	0.2	<0.1	0.2	<0.1	0.7



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.comClient: **Dahrouge Geological Consulting**

18 - 10509 - 81 Ave

Edmonton AB T6E 1X7 Canada

Project: Ren

Report Date: October 20, 2010

Page: 2 of 2 Part 4

CERTIFICATE OF ANALYSIS

VAN10004850.1

	Method	1DX	1DX	1DX
	Analyte	Hg	TI	Se
	Unit	ppm	ppm	ppm
	MDL	0.01	0.1	0.5
71732	Rock	<0.01	0.2	<0.5
71733	Rock	<0.01	0.1	<0.5
71735	Rock	<0.01	<0.1	<0.5
71736	Rock	<0.01	<0.1	<0.5
71737	Rock	<0.01	<0.1	<0.5
71745	Rock	<0.01	<0.1	<0.5
71746	Rock	<0.01	0.2	<0.5
71747	Rock	<0.01	0.1	<0.5
71748	Rock	<0.01	<0.1	<0.5
71749	Rock	<0.01	<0.1	<0.5
71750	Rock	<0.01	0.3	0.5
71760	Rock	<0.01	0.1	<0.5
71761	Rock	<0.01	0.3	0.8
71762	Rock	<0.01	0.2	<0.5
71763	Rock	<0.01	0.2	<0.5
71764	Rock	<0.01	<0.1	<0.5
71765	Rock	<0.01	0.2	0.5
71766	Rock	<0.01	0.3	0.5
71767	Rock	<0.01	0.1	<0.5



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18 - 10509 - 81 Ave

Edmonton AB T6E 1X7 Canada

Project: Ren

Report Date: October 20, 2010

Page: 1 of 2 Part 1

QUALITY CONTROL REPORT

VAN10004850.1

Method	Analyte	WGHT	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Wgt	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs
Unit		kg	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	
MDL		0.01	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	
71765	Rock	0.95	16.44	1.84	12.51	13.77	24.54	0.07	1.41	3.12	0.87	0.52	0.036	134	30	24.2	99.32	347	4	34.3	1.3
Pulp Duplicates																					
71735	Rock	2.88	5.95	1.01	8.85	11.68	31.92	0.75	0.41	0.32	2.70	0.66	0.004	<20	23	34.3	98.60	1721	2	17.4	<0.1
REP 71735	QC																				
71760	Rock	2.14	20.01	5.58	29.86	8.03	15.60	1.02	3.55	1.49	3.37	0.32	0.004	23	33	10.1	98.95	2187	3	21.9	1.3
REP 71760	QC																				
Core Reject Duplicates																					
71767	Rock	1.22	8.93	1.11	6.53	16.10	27.57	0.03	0.60	0.79	1.34	0.42	0.016	39	12	36.1	99.56	88	1	12.5	0.5
DUP 71767	QC		8.29	1.10	6.44	15.99	28.42	0.02	0.60	0.79	1.34	0.41	0.015	45	12	36.1	99.54	120	1	12.8	0.5
Reference Materials																					
STD CSC	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD OREAS45PA	Standard																				
STD OREAS45PA	Standard																				
STD OREAS76A	Standard																				
STD SO-18	Standard		58.36	13.99	7.53	3.34	6.33	3.70	2.15	0.69	0.83	0.39	0.548	43	26	1.9	99.77	489	1	24.2	6.7
STD SO-18	Standard		58.26	13.96	7.56	3.38	6.36	3.70	2.17	0.69	0.84	0.40	0.550	45	25	1.9	99.76	494	1	24.9	6.8
STD SO-18	Standard		58.15	14.06	7.66	3.35	6.33	3.65	2.15	0.69	0.84	0.40	0.555	45	26	1.9	99.73	517	<1	26.7	6.9
STD SO-18	Standard		58.29	13.92	7.60	3.36	6.37	3.67	2.15	0.69	0.84	0.39	0.551	45	24	1.9	99.75	520	<1	26.8	7.3
STD CSC Expected																					
STD OREAS76A Expected																					
STD DS7 Expected																					
STD OREAS45PA Expected																					
STD SO-18 Expected			58.47	14.23	7.67	3.35	6.42	3.71	2.17	0.69	0.83	0.39	0.55	44	25			514		26.2	7.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank		<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<20	<1	0.0	<0.01	<1	<1	<0.2	<0.1



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Edmonton AB T6E 1X7 Canada

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Report Date: October 20, 2010

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QUALITY CONTROL REPORT

VAN10004850.1

Method	Analyte	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	
		Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
MDL		0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05	
71765	Rock	8.2	17.8	340.8	33.6	5	738.9	12.7	52.3	1.9	160	10.1	475.6	79.5	247.9	564.9	62.09	242.7	35.42	9.94	27.55
Pulp Duplicates																					
71735	Rock	3.7	4.9	664.6	9.9	4	5310	18.8	29.3	13.3	59	<0.5	193.5	49.4	400.0	854.7	94.86	369.5	46.97	12.03	29.17
REP 71735																					
71760	Rock	15.5	6.1	872.1	90.2	9	2128	20.7	27.1	26.1	510	<0.5	224.8	38.9	234.2	515.1	61.30	249.7	35.91	9.24	22.28
REP 71760																					
Core Reject Duplicates																					
71767	Rock	3.0	4.1	54.5	21.9	<1	698.9	2.3	16.7	1.7	80	1.1	164.2	51.8	55.2	110.9	12.75	49.2	9.87	3.63	11.27
DUP 71767																					
Reference Materials																					
STD CSC	Standard																				
STD DS7	Standard																				
STD DS7	Standard																				
STD OREAS45PA	Standard																				
STD OREAS45PA	Standard																				
STD OREAS76A	Standard																				
STD SO-18	Standard	17.7	9.5	20.4	27.7	14	385.1	6.9	9.4	15.2	194	14.5	281.1	29.8	11.1	24.6	3.07	13.3	2.73	0.81	2.68
STD SO-18	Standard	17.6	8.9	19.4	27.5	14	388.4	6.9	9.9	15.2	195	14.1	280.1	30.2	11.5	25.1	3.21	13.5	2.77	0.81	2.76
STD SO-18	Standard	17.9	9.3	23.1	29.4	15	408.8	7.2	10.3	16.3	208	14.1	293.7	32.1	12.1	27.6	3.35	13.7	2.86	0.85	2.94
STD SO-18	Standard	17.4	9.7	22.6	28.7	15	414.2	7.3	10.0	16.3	205	14.8	291.0	31.6	12.2	27.5	3.33	13.7	2.81	0.85	2.90
STD CSC Expected																					
STD OREAS76A Expected																					
STD DS7 Expected																					
STD OREAS45PA Expected																					
STD SO-18 Expected		17.6	9.8	21.3	28.7	15	407.4	7.4	9.9	16.4	200	14.8	280	31	12.3	27.1	3.45	14	3	0.89	2.93
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.5	<0.1	1.8	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05	<0.02	<0.05



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1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

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Client: **Dahrouge Geological Consulting**
18 - 10509 - 81 Ave
Edmonton AB T6E 1X7 Canada

Project: Ren
Report Date: October 20, 2010

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QUALITY CONTROL REPORT

VAN10004850.1

Method	Analyte	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B 2A	Leco 2A	Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
		Tb	Dy	Ho	Er	Tm	Yb	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	
Unit		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	
MDL		0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.1	
71765	Rock	3.85	18.45	2.77	6.90	0.93	5.40	0.80	6.62	0.05	0.5	12.5	10.8	35	90.5	3.2	0.3	<0.1	<0.1	<0.1	0.6	
Pulp Duplicates																						
71735	Rock	3.30	13.03	1.71	3.93	0.48	2.52	0.32	10.11	0.68	1.9	18.3	43.3	74	16.3	3.2	0.9	<0.1	0.4	0.3	1.2	
REP 71735	QC										1.9	22.2	42.9	76	16.5	3.5	1.0	<0.1	0.4	0.3	<0.5	
71760	Rock	2.61	10.74	1.41	3.05	0.37	2.15	0.25	2.57	0.24	14.2	18.1	20.6	184	21.8	2.6	0.3	<0.1	0.4	0.2	<0.5	
REP 71760	QC								2.52	0.25												
Core Reject Duplicates																						
71767	Rock	1.93	10.88	1.86	4.60	0.61	3.85	0.50	10.08	0.08	5.6	4.3	8.0	24	32.4	3.0	0.2	<0.1	0.2	<0.1	0.7	
DUP 71767	QC	1.96	10.84	1.85	4.75	0.64	3.96	0.51	10.18	0.08	4.3	4.9	8.0	24	32.1	2.8	0.1	<0.1	0.2	<0.1	0.8	
Reference Materials																						
STD CSC	Standard								3.07	4.17												
STD DS7	Standard										22.8	115.0	72.7	397	59.0	48.1	6.2	3.9	4.1	0.9	49.1	
STD DS7	Standard										22.0	104.8	70.0	404	54.3	52.0	5.8	4.0	4.6	1.0	59.0	
STD OREAS45PA	Standard										0.9	610.6	21.8	119	298.7	4.4	<0.1	0.1	0.2	0.3	55.6	
STD OREAS45PA	Standard										0.9	612.6	23.2	122	302.8	5.1	0.1	<0.1	0.2	0.3	45.1	
STD OREAS76A	Standard								0.15	17.80												
STD SO-18	Standard	0.46	2.69	0.57	1.67	0.25	1.65	0.25														
STD SO-18	Standard	0.47	2.65	0.57	1.67	0.24	1.65	0.26														
STD SO-18	Standard	0.49	2.85	0.60	1.76	0.27	1.80	0.26														
STD SO-18	Standard	0.50	2.92	0.61	1.81	0.27	1.76	0.27														
STD CSC Expected									2.94	4.25												
STD OREAS76A Expected									0.16	18												
STD DS7 Expected											20.5	109	70.6	411	56	48.2	6.4	4.6	4.5	0.9	70	
STD OREAS45PA Expected											0.9	600	19	119	281	4.2	0.09	0.13	0.18	0.3	43	
STD SO-18 Expected		0.53	3	0.62	1.84	0.27	1.79	0.27														
BLK	Blank								<0.02	<0.02												
BLK	Blank										<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	
BLK	Blank										<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5	
BLK	Blank	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01														



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1020 Cordova St. East Vancouver BC V6A 4A3 Canada
Phone (604) 253-3158 Fax (604) 253-1716

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Edmonton AB T6E 1X7 Canada

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Report Date: October 20, 2010

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QUALITY CONTROL REPORT

VAN10004850.1

Method	1DX	1DX	1DX	
Analyte	Hg	Tl	Se	
Unit	ppm	ppm	ppm	
MDL	0.01	0.1	0.5	
71765	Rock	<0.01	0.2	0.5
Pulp Duplicates				
71735	Rock	<0.01	<0.1	<0.5
REP 71735	QC	<0.01	<0.1	<0.5
71760	Rock	<0.01	0.1	<0.5
REP 71760	QC			
Core Reject Duplicates				
71767	Rock	<0.01	0.1	<0.5
DUP 71767	QC	<0.01	0.1	<0.5
Reference Materials				
STD CSC	Standard			
STD DS7	Standard	0.22	3.9	3.5
STD DS7	Standard	0.21	4.0	2.9
STD OREAS45PA	Standard	0.02	<0.1	0.8
STD OREAS45PA	Standard	0.04	<0.1	0.6
STD OREAS76A	Standard			
STD SO-18	Standard			
STD SO-18	Standard			
STD SO-18	Standard			
STD SO-18	Standard			
STD CSC Expected				
STD OREAS76A Expected				
STD DS7 Expected		0.2	4.2	3.5
STD OREAS45PA Expected		0.03	0.07	0.54
STD SO-18 Expected				
BLK	Blank			
BLK	Blank	<0.01	<0.1	<0.5
BLK	Blank	<0.01	<0.1	<0.5
BLK	Blank			



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QUALITY CONTROL REPORT

VAN10004850.1

		WGHT	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
		Wgt	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs
		kg	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1
BLK	Blank		<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<20	<1	0.0	<0.01	<1	<1	<0.2	<0.1
Prep Wash																					
G1	Prep Blank	<0.01	67.08	15.86	3.42	1.14	3.43	3.59	3.67	0.39	0.19	0.10	<0.002	<20	6	0.9	99.75	994	3	3.8	3.9
G1	Prep Blank	<0.01	66.92	15.93	3.38	1.14	3.47	3.60	3.75	0.39	0.19	0.10	<0.002	<20	6	0.9	99.75	1040	3	4.0	4.0



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QUALITY CONTROL REPORT

VAN10004850.1

		4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	
		Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
BLK	Blank	<0.5	<0.1	0.5	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05	<0.02	<0.05
Prep Wash																					
G1	Prep Blank	18.9	4.2	24.0	129.5	1	723.5	1.5	9.1	3.6	48	<0.5	130.5	16.4	28.3	55.4	6.22	23.8	3.84	1.03	3.03
G1	Prep Blank	18.9	3.9	23.4	128.4	2	715.1	1.4	8.9	3.2	51	<0.5	139.6	16.1	30.0	57.3	6.52	23.3	3.92	1.01	3.06



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QUALITY CONTROL REPORT

VAN10004850.1

		4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B 2A	Leco 2A	Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
		Tb	Dy	Ho	Er	Tm	Yb	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
BLK	Blank	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01			0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.1	
Prep Wash																						
G1	Prep Blank	0.46	2.60	0.50	1.54	0.25	1.68	0.27	<0.02	0.02	<0.1	2.0	3.6	51	3.2	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	3.3
G1	Prep Blank	0.48	2.58	0.52	1.57	0.25	1.81	0.28	<0.02	<0.02	<0.1	2.7	3.4	47	3.4	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	0.7



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Project: Ren

Report Date: October 20, 2010

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QUALITY CONTROL REPORT

VAN10004850.1

		1DX Hg ppm 0.01	1DX TI ppm 0.1	1DX Se ppm 0.5
BLK	Blank			
Prep Wash				
G1	Prep Blank	<0.01	0.3	<0.5
G1	Prep Blank	<0.01	0.3	<0.5



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Client: **Dept. of Earth & Ocean Sciences (UBC)**

6339 Stores Road
Vancouver BC V6T 1Z4 Canada

Submitted By: Leo Millonig

Receiving Lab: Canada-Vancouver

Received: October 07, 2010

Report Date: October 29, 2010

Page: 1 of 5

CERTIFICATE OF ANALYSIS

VAN10005282.1

CLIENT JOB INFORMATION

Project: ZIMTU 2010
Shipment ID:
P.O. Number
Number of Samples: 114

SAMPLE PREPARATION AND ANALYTICAL PROCEDURES

Method Code	Number of Samples	Code Description	Test Wgt (g)	Report Status	Lab
R200-250	114	Crush, split and pulverize 250 g rock to 200 mesh			VAN
4A4B	114	Whole Rock Analysis Majors and Trace Elements	0.2	Completed	VAN

SAMPLE DISPOSAL

RTRN-PLP Return
RTRN-RJT Return

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: Zimtu Capital Corp.
1450 - 789 West Pender St.
Vancouver BC V6C 1H2
Canada

CC: Ryan Fletcher



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.



Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Dept. of Earth & Ocean Sciences (UBC)**
 6339 Stores Road
 Vancouver BC V6T 1Z4 Canada

Project: ZIMTU 2010
 Report Date: October 29, 2010

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QUALITY CONTROL REPORT

VAN10005282.1

Method	WGHT	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	
Analyte	Wgt	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs	
Unit	kg	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm	
MDL	0.01	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1	
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
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Core Reject Duplicates																					
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10-REN-079-3	Rock	1.21	3.73	0.54	8.76	11.90	33.47	0.48	0.29	0.49	3.32	0.64	0.008	25	19	35.0	98.64	1232	1	18.7	0.1

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Client: **Dept. of Earth & Ocean Sciences (UBC)**
 6339 Stores Road
 Vancouver BC V6T 1Z4 Canada

Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

Project: ZIMTU 2010
 Report Date: October 29, 2010

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Page: 1 of 4 Part 3

QUALITY CONTROL REPORT VAN10005282.1

Method	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	2A Leco	2A Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
Analyte	Tb	Dy	Ho	Er	Tm	Yb	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	
Unit	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppb	
MDL	0.01	0.05	0.02	0.03	0.01	0.05	0.01	0.02	0.02	0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.1	
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Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

www.acmelab.com

Client: **Dept. of Earth & Ocean Sciences (UBC)**
 6339 Stores Road
 Vancouver BC V6T 1Z4 Canada

Project: ZIMTU 2010

Report Date: October 29, 2010

Page: 1 of 4 Part 4

QUALITY CONTROL REPORT

VAN10005282.1

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Core Reject Duplicates			
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10-REN-079-3	Rock	<0.01	<0.1 1.4

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1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

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Page: 2 of 4 Part 2

QUALITY CONTROL REPORT

VAN10005282.1

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		0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05
DUP 10-REN-079-3	QC	3.1	4.1	1175	8.1	3	4872	25.9	20.0	17.7	58	<0.5	147.7	48.0	425.0	943.3	103.8	384.6	50.01	12.33	29.61
Reference Materials																					
STD CSC	Standard																				
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STD OREAS45PA	Standard																				
STD OREAS45PA	Standard																				
STD OREAS45PA	Standard																				
STD OREAS76A	Standard																				
STD OREAS76A	Standard																				
STD OREAS76A	Standard																				
STD OREAS76A	Standard																				
STD OREAS76A	Standard																				
STD SO-18	Standard	16.7	9.5	21.9	26.6	14	383.2	7.0	9.6	15.2	196	14.1	280.8	30.6	11.7	25.8	3.21	13.1	2.76	0.83	2.79
STD SO-18	Standard	16.7	9.4	21.6	26.8	14	387.1	7.0	9.6	15.3	195	14.2	280.4	30.4	11.6	25.9	3.23	13.1	2.74	0.83	2.79

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 6339 Stores Road
 Vancouver BC V6T 1Z4 Canada

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1020 Cordova St. East Vancouver BC V6A 4A3 Canada
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QUALITY CONTROL REPORT **VAN10005282.1**

		4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	2A Leco	2A Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	
		Tb	Dy	Ho	Er	Tm	Yb	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
DUP 10-REN-079-3	QC	3.38	13.28	1.78	3.70	0.45	2.46	0.29	9.92	0.90	4.4	22.0	34.1	73	24.3	5.8	0.8	<0.1	0.3	0.3	<0.5
Reference Materials																					
STD CSC	Standard								2.90	4.24											
STD CSC	Standard								3.04	4.23											
STD CSC	Standard								3.05	4.25											
STD CSC	Standard								2.88	4.19											
STD CSC	Standard								2.85	4.29											
STD DS7	Standard										22.2	112.4	67.2	408	58.4	52.3	6.6	4.6	4.8	0.9	60.6
STD DS7	Standard										22.0	118.0	71.7	419	58.6	54.7	7.0	4.8	5.0	1.1	54.5
STD DS7	Standard										21.8	120.2	76.4	421	57.0	48.4	5.8	4.2	4.7	1.0	56.4
STD DS7	Standard										22.6	111.8	66.6	412	59.8	53.9	6.8	4.3	4.5	1.0	53.4
STD DS7	Standard										22.6	111.2	68.7	395	58.8	52.8	6.0	4.2	4.4	1.0	57.8
STD DS7	Standard										21.5	105.4	66.7	400	54.3	51.2	6.2	4.4	4.4	0.9	62.4
STD OREAS45PA	Standard										1.0	619.0	19.5	126	305.1	5.1	<0.1	0.1	0.2	0.3	49.5
STD OREAS45PA	Standard										1.0	673.5	20.7	135	332.5	5.6	0.1	0.1	0.2	0.3	57.2
STD OREAS45PA	Standard										1.2	645.6	22.7	129	321.0	5.2	0.1	<0.1	0.2	0.4	57.1
STD OREAS45PA	Standard										0.8	631.8	18.2	123	320.5	6.1	<0.1	<0.1	0.2	0.3	91.8
STD OREAS45PA	Standard										1.0	593.0	21.4	113	296.0	3.9	<0.1	<0.1	0.2	0.3	46.6
STD OREAS45PA	Standard										0.9	604.6	20.5	121	308.6	4.0	<0.1	0.1	0.2	0.3	46.2
STD OREAS45PA	Standard										0.9	601.6	19.6	116	288.0	4.8	<0.1	0.1	0.2	0.3	60.7
STD OREAS76A	Standard								0.14	17.87											
STD OREAS76A	Standard								0.12	17.17											
STD OREAS76A	Standard								0.14	18.47											
STD OREAS76A	Standard								0.13	18.29											
STD OREAS76A	Standard								0.15	17.62											
STD SO-18	Standard	0.48	2.79	0.58	1.70	0.26	1.70	0.26													
STD SO-18	Standard	0.48	2.82	0.59	1.74	0.26	1.71	0.26													



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1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

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 6339 Stores Road
 Vancouver BC V6T 1Z4 Canada

Project: ZIMTU 2010
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QUALITY CONTROL REPORT

VAN10005282.1

		1DX Hg ppm 0.01	1DX TI ppm 0.1	1DX Se ppm 0.5
DUP 10-REN-079-3	QC	<0.01	<0.1	1.1
██████████	████	██████████	██████████	██████████
██████████	████	██████████	██████████	██████████
Reference Materials				
STD CSC	Standard			
STD CSC	Standard			
STD CSC	Standard			
STD CSC	Standard			
STD CSC	Standard			
STD DS7	Standard	0.21	4.0	3.5
STD DS7	Standard	0.23	4.3	3.2
STD DS7	Standard	0.21	4.0	3.7
STD DS7	Standard	0.23	4.2	3.3
STD DS7	Standard	0.23	3.9	2.4
STD DS7	Standard	0.20	3.7	3.8
STD OREAS45PA	Standard	0.02	<0.1	0.7
STD OREAS45PA	Standard	0.03	<0.1	0.7
STD OREAS45PA	Standard	0.02	<0.1	0.8
STD OREAS45PA	Standard	0.04	<0.1	0.5
STD OREAS45PA	Standard	0.05	<0.1	<0.5
STD OREAS45PA	Standard	0.03	<0.1	<0.5
STD OREAS45PA	Standard	0.03	<0.1	<0.5
STD OREAS76A	Standard			
STD OREAS76A	Standard			
STD OREAS76A	Standard			
STD OREAS76A	Standard			
STD OREAS76A	Standard			
STD SO-18	Standard			
STD SO-18	Standard			



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 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

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QUALITY CONTROL REPORT

VAN10005282.1

	WGHT	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B
	Wgt	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs
	kg	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm
	0.01	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1
STD SO-18	Standard	58.32	14.05	7.53	3.33	6.34	3.69	2.13	0.69	0.82	0.39	0.545	36	24	1.9	99.75	516	<1	26.9	7.0
STD SO-18	Standard	58.21	14.15	7.52	3.34	6.33	3.72	2.13	0.69	0.81	0.39	0.552	42	24	1.9	99.75	515	1	26.7	7.1
STD SO-18	Standard	58.15	14.06	7.66	3.35	6.33	3.65	2.15	0.69	0.84	0.40	0.555	45	26	1.9	99.73	517	<1	26.7	6.9
STD SO-18	Standard	58.29	13.92	7.60	3.36	6.37	3.67	2.15	0.69	0.84	0.39	0.551	45	24	1.9	99.75	520	<1	26.8	7.3
STD SO-18	Standard	57.95	14.08	7.69	3.37	6.38	3.72	2.17	0.70	0.84	0.40	0.560	40	25	1.9	99.75	527	<1	28.0	7.0
STD SO-18	Standard	58.19	14.06	7.57	3.37	6.32	3.70	2.16	0.69	0.83	0.40	0.559	46	25	1.9	99.76	491	<1	26.4	6.8
STD SO-18	Standard	57.95	14.13	7.65	3.44	6.36	3.70	2.16	0.69	0.83	0.40	0.556	62	26	1.9	99.75	505	1	26.8	6.9
STD SO-18	Standard	58.08	14.11	7.58	3.41	6.35	3.70	2.15	0.68	0.83	0.40	0.550	59	25	1.9	99.74	502	<1	26.7	6.7
STD SO-18	Standard	58.26	14.06	7.55	3.33	6.31	3.71	2.17	0.69	0.82	0.39	0.548	44	24	1.9	99.74	503	<1	25.4	6.8
STD SO-18	Standard	58.07	14.10	7.63	3.34	6.32	3.74	2.16	0.69	0.82	0.39	0.553	42	25	1.9	99.74	508	<1	25.6	6.7
STD SO-18	Standard	58.17	14.03	7.60	3.35	6.37	3.70	2.16	0.70	0.83	0.39	0.557	44	26	1.9	99.76	503	<1	26.5	6.9
STD SO-18	Standard	58.15	14.01	7.64	3.36	6.34	3.70	2.16	0.69	0.83	0.40	0.558	53	26	1.9	99.75	518	<1	27.0	7.0
STD CSC Expected																				
STD OREAS76A Expected																				
STD DS7 Expected																				
STD OREAS45PA Expected																				
STD SO-18 Expected		58.47	14.23	7.67	3.35	6.42	3.71	2.17	0.69	0.83	0.39	0.55	44	25			514		26.2	7.1
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<20	<1	0.0	<0.01	<1	<1	<0.2	<0.1
BLK	Blank																			
BLK	Blank	<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<20	<1	0.0	<0.01	<1	<1	<0.2	<0.1
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<20	<1	0.0	<0.01	<1	<1	<0.2	<0.1
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<20	<1	0.0	<0.01	<1	<1	<0.2	<0.1
BLK	Blank																			
BLK	Blank																			
BLK	Blank	<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<20	<1	0.0	<0.01	<1	<1	<0.2	<0.1

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 6339 Stores Road
 Vancouver BC V6T 1Z4 Canada

Acme Analytical Laboratories (Vancouver) Ltd.
 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

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QUALITY CONTROL REPORT

VAN10005282.1

		4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	
		Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05
STD SO-18	Standard	17.6	9.8	22.2	27.9	15	405.2	7.4	10.1	16.5	210	14.8	297.4	31.9	11.9	26.8	3.24	13.9	2.79	0.85	2.86
STD SO-18	Standard	17.8	9.5	22.1	28.2	15	400.8	7.4	10.3	16.1	206	14.9	296.3	31.5	11.8	26.7	3.26	13.8	2.82	0.86	2.85
STD SO-18	Standard	17.9	9.3	23.1	29.4	15	408.8	7.2	10.3	16.3	208	14.1	293.7	32.1	12.1	27.6	3.35	13.7	2.86	0.85	2.94
STD SO-18	Standard	17.4	9.7	22.6	28.7	15	414.2	7.3	10.0	16.3	205	14.8	291.0	31.6	12.2	27.5	3.33	13.7	2.81	0.85	2.90
STD SO-18	Standard	17.6	9.5	23.0	28.4	15	415.1	7.2	9.9	16.2	212	14.4	289.4	31.8	12.1	27.8	3.33	13.8	2.82	0.86	2.95
STD SO-18	Standard	17.0	9.3	21.4	27.9	15	400.3	7.0	9.9	15.8	203	14.2	276.9	30.9	11.6	26.9	3.22	13.3	2.72	0.82	2.82
STD SO-18	Standard	18.1	9.3	21.5	28.7	15	401.0	6.8	10.3	16.2	206	14.7	276.9	30.9	11.8	26.0	3.44	13.8	2.86	0.84	2.88
STD SO-18	Standard	17.7	9.0	21.9	29.0	15	408.1	6.8	9.7	16.4	207	14.4	275.7	31.4	11.6	26.6	3.23	13.6	2.81	0.84	2.92
STD SO-18	Standard	16.5	9.5	21.3	27.3	15	408.2	6.9	10.3	15.8	202	14.0	283.5	30.6	11.6	26.3	3.21	13.1	2.72	0.82	2.76
STD SO-18	Standard	16.3	9.1	21.0	27.0	14	406.9	7.0	9.7	16.0	205	14.2	281.7	30.7	11.9	26.7	3.26	13.4	2.70	0.85	2.77
STD SO-18	Standard	17.4	9.3	22.0	28.9	15	396.9	6.9	9.8	16.1	207	14.4	286.2	31.0	11.9	27.1	3.25	13.7	2.79	0.82	2.80
STD SO-18	Standard	17.5	9.6	22.3	28.9	15	403.8	7.1	10.2	16.1	206	14.6	286.4	31.4	12.0	27.6	3.32	13.3	2.83	0.84	2.87
STD CSC Expected																					
STD OREAS76A Expected																					
STD DS7 Expected																					
STD OREAS45PA Expected																					
STD SO-18 Expected		17.6	9.8	21.3	28.7	15	407.4	7.4	9.9	16.4	200	14.8	280	31	12.3	27.1	3.45	14	3	0.89	2.93
BLK	Blank																				
BLK	Blank	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	1.3	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05	<0.02	<0.05
BLK	Blank																				
BLK	Blank	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	1.6	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05	<0.02	<0.05
BLK	Blank																				
BLK	Blank	<0.5	<0.1	0.5	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05	<0.02	<0.05
BLK	Blank																				
BLK	Blank	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	1.1	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05	<0.02	<0.05

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 6339 Stores Road
 Vancouver BC V6T 1Z4 Canada

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1020 Cordova St. East Vancouver BC V6A 4A3 Canada
 Phone (604) 253-3158 Fax (604) 253-1716

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QUALITY CONTROL REPORT

VAN10005282.1

		4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	2A Leco	2A Leco	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX	1DX		
		Tb	Dy	Ho	Er	Tm	Yb	Lu	TOT/C	TOT/S	Mo	Cu	Pb	Zn	Ni	As	Cd	Sb	Bi	Ag	Au	
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	
STD SO-18	Standard	0.49	2.83	0.59	1.78	0.26	1.73	0.26			0.1	0.1	0.1	1	0.1	0.5	0.1	0.1	0.1	0.1	0.1	0.5
STD SO-18	Standard	0.49	2.81	0.58	1.74	0.27	1.74	0.26														
STD SO-18	Standard	0.49	2.85	0.60	1.76	0.27	1.80	0.26														
STD SO-18	Standard	0.50	2.92	0.61	1.81	0.27	1.76	0.27														
STD SO-18	Standard	0.50	2.98	0.61	1.79	0.27	1.74	0.27														
STD SO-18	Standard	0.48	2.77	0.58	1.74	0.26	1.68	0.26														
STD SO-18	Standard	0.49	2.82	0.59	1.78	0.26	1.74	0.26														
STD SO-18	Standard	0.49	2.79	0.59	1.80	0.26	1.77	0.27														
STD SO-18	Standard	0.48	2.75	0.59	1.77	0.27	1.69	0.26														
STD SO-18	Standard	0.48	2.87	0.59	1.71	0.27	1.68	0.26														
STD SO-18	Standard	0.48	2.80	0.60	1.76	0.26	1.73	0.26														
STD SO-18	Standard	0.49	2.90	0.59	1.75	0.26	1.73	0.27														
STD CSC Expected									2.94	4.25												
STD OREAS76A Expected									0.16	18												
STD DS7 Expected											20.5	109	70.6	411	56	48.2	6.4	4.6	4.5	0.9	70	
STD OREAS45PA Expected											0.9	600	19	119	281	4.2	0.09	0.13	0.18	0.3	43	
STD SO-18 Expected		0.53	3	0.62	1.84	0.27	1.79	0.27														
BLK	Blank								<0.02	<0.02												
BLK	Blank								<0.02	<0.02												
BLK	Blank	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01														
BLK	Blank								<0.02	<0.02												
BLK	Blank										<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5
BLK	Blank	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01														
BLK	Blank										<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5
BLK	Blank										<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.1	<0.5
BLK	Blank	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01														
BLK	Blank								<0.02	<0.02												
BLK	Blank								<0.02	<0.02												
BLK	Blank	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01														



Acme Analytical Laboratories (Vancouver) Ltd.

1020 Cordova St. East Vancouver BC V6A 4A3 Canada

Phone (604) 253-3158 Fax (604) 253-1716

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6339 Stores Road
Vancouver BC V6T 1Z4 Canada

Project: ZIMTU 2010
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QUALITY CONTROL REPORT

VAN10005282.1

		1DX Hg ppm 0.01	1DX TI ppm 0.1	1DX Se ppm 0.5
STD SO-18	Standard			
STD SO-18	Standard			
STD SO-18	Standard			
STD SO-18	Standard			
STD SO-18	Standard			
STD SO-18	Standard			
STD SO-18	Standard			
STD SO-18	Standard			
STD SO-18	Standard			
STD SO-18	Standard			
STD SO-18	Standard			
STD SO-18	Standard			
STD SO-18	Standard			
STD CSC Expected				
STD OREAS76A Expected				
STD DS7 Expected		0.2	4.2	3.5
STD OREAS45PA Expected		0.03	0.07	0.54
STD SO-18 Expected				
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank	<0.01	<0.1	<0.5
BLK	Blank			
BLK	Blank	<0.01	<0.1	<0.5
BLK	Blank	<0.01	<0.1	<0.5
BLK	Blank			
BLK	Blank			
BLK	Blank			
BLK	Blank			



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QUALITY CONTROL REPORT

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		WGHT	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	
		Wgt	SiO2	Al2O3	Fe2O3	MgO	CaO	Na2O	K2O	TiO2	P2O5	MnO	Cr2O3	Ni	Sc	LOI	Sum	Ba	Be	Co	Cs
		kg	%	%	%	%	%	%	%	%	%	%	%	ppm	ppm	%	%	ppm	ppm	ppm	ppm
		0.01	0.01	0.01	0.04	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.002	20	1	-5.1	0.01	1	1	0.2	0.1
BLK	Blank	<0.01	<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<20	<1	0.0	<0.01	<1	<1	<0.2	<0.1
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.01	<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<20	<1	0.0	<0.01	<1	<1	<0.2	<0.1
BLK	Blank																				
BLK	Blank	<0.01	<0.01	<0.01	<0.04	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.002	<20	<1	0.0	<0.01	<1	<1	<0.2	<0.1
Prep Wash																					
G1	Prep Blank	<0.01	66.71	16.16	3.48	1.11	3.53	3.66	3.81	0.41	0.19	0.10	0.002	<20	6	0.6	99.76	1072	3	4.0	4.3
G1	Prep Blank	<0.01	66.63	16.16	3.48	1.11	3.56	3.71	3.82	0.40	0.20	0.10	<0.002	<20	6	0.6	99.76	1055	3	4.2	3.9

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 1020 Cordova St. East Vancouver BC V6A 4A3 Canada
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QUALITY CONTROL REPORT **VAN10005282.1**

		4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	4A-4B	
		Ga	Hf	Nb	Rb	Sn	Sr	Ta	Th	U	V	W	Zr	Y	La	Ce	Pr	Nd	Sm	Eu	Gd
		ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
		0.5	0.1	0.1	0.1	1	0.5	0.1	0.2	0.1	8	0.5	0.1	0.1	0.1	0.1	0.02	0.3	0.05	0.02	0.05
BLK	Blank	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	2.1	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05	<0.02	<0.05
BLK	Blank																				
BLK	Blank																				
BLK	Blank																				
BLK	Blank	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	1.5	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05	<0.02	<0.05
BLK	Blank																				
BLK	Blank	<0.5	<0.1	<0.1	<0.1	<1	<0.5	<0.1	<0.2	<0.1	<8	<0.5	<0.1	<0.1	<0.1	<0.1	<0.02	<0.3	<0.05	<0.02	<0.05
Prep Wash																					
G1	Prep Blank	18.4	3.9	25.1	127.7	1	706.5	1.4	8.5	3.1	50	<0.5	139.6	16.0	27.8	56.4	6.41	23.0	3.98	1.02	3.05
G1	Prep Blank	18.1	3.9	24.3	124.7	1	715.1	1.4	8.3	3.0	49	<0.5	132.7	15.8	29.9	59.8	6.57	24.3	3.93	1.06	3.14

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QUALITY CONTROL REPORT

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		4A-4B Tb ppm 0.01	4A-4B Dy ppm 0.05	4A-4B Ho ppm 0.02	4A-4B Er ppm 0.03	4A-4B Tm ppm 0.01	4A-4B Yb ppm 0.05	4A-4B Lu ppm 0.01	2A Leco TOT/C % 0.02	2A Leco TOT/S % 0.02	1DX Mo ppm 0.1	1DX Cu ppm 0.1	1DX Pb ppm 0.1	1DX Zn ppm 1	1DX Ni ppm 0.1	1DX As ppm 0.5	1DX Cd ppm 0.1	1DX Sb ppm 0.1	1DX Bi ppm 0.1	1DX Ag ppm 0.1	1DX Au ppb 0.5
BLK	Blank	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01													
BLK	Blank										<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5
BLK	Blank										<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5
BLK	Blank										<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5
BLK	Blank	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01													
BLK	Blank										<0.1	<0.1	<0.1	<1	<0.1	<0.5	<0.1	<0.1	<0.1	<0.1	<0.5
BLK	Blank	<0.01	<0.05	<0.02	<0.03	<0.01	<0.05	<0.01													
Prep Wash																					
G1	Prep Blank	0.47	2.68	0.52	1.50	0.25	1.75	0.26	<0.02	<0.02	0.1	3.6	3.8	51	3.2	0.6	<0.1	<0.1	1.2	<0.1	13.9
G1	Prep Blank	0.48	2.58	0.50	1.56	0.24	1.70	0.27	<0.02	<0.02	<0.1	5.0	3.6	48	3.3	1.0	<0.1	<0.1	1.0	<0.1	8.4



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QUALITY CONTROL REPORT

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		1DX Hg ppm 0.01	1DX TI ppm 0.1	1DX Se ppm 0.5
BLK	Blank			
BLK	Blank	<0.01	<0.1	<0.5
BLK	Blank	<0.01	<0.1	<0.5
BLK	Blank	<0.01	<0.1	<0.5
BLK	Blank			
BLK	Blank	<0.01	<0.1	<0.5
BLK	Blank			
Prep Wash				
G1	Prep Blank	0.03	0.4	<0.5
G1	Prep Blank	0.01	0.3	<0.5

APPENDIX 4: STATEMENT OF QUALIFICATIONS

Andy Hoffman is a geological consultant with Dahrouge Geological Consulting Ltd. based in Edmonton, Alberta. He obtained a degree in Geology from the University of Alberta, Edmonton in 2009 and has been employed in the mineral exploration industry since. He is registered as a Geol.I.T. with the Association of Professional Engineers, Geologists, and Geophysicists of Alberta.

Matthew Carter obtained a B. Sc. in Geology from the University of Alberta in 2010 and has been practicing his profession with Dahrouge Geological Consulting Ltd. based in Edmonton, Alberta, since May 2010. He is registered as a Geol.I.T. with the Association of Professional Engineers, Geologists, and Geophysicists of Alberta.