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Assessment Report

Winter 2010 Drilling Program

Falcon Lake Property

**FALCON LAKE TOWNSHIP
THUNDER BAY MINING DIVISION, ONTARIO, CANADA
NTS 52108**

Prepared For:
Canadian Orebodies

Prepared by:
**Michael Thompson, P.Geo.
and Avery Henderson
Fladgate Exploration Consulting Corporation**

Date:
March 24, 2011



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2 Introduction

This report details the work completed during the drilling program completed during the month of December 2010 by Fladgate Exploration Consulting Corporation (Fladgate) on behalf of Canadian Orebodies Inc. (Canadian Orebodies). The work was completed on the Falcon Lake Property (the Property), located northeast of Armstrong, Ontario, Canada. Canadian Orebodies acquired its interest in the property as part of its focus in discovering and developing an economic lithium & tantalum deposit.

This report was authored by Michael Thompson, P. Geo., and Avery Henderson.

3 Terms of Reference

This report was prepared at the request of Canadian Orebodies for the use of filing assessment as required under the Ontario Mining Act.

4 Disclaimer

This report is based on information from assessment reports, private reports and general geological reports and maps listed in the References and Literature Section. Although many authors of such reports appear to be qualified and the information appears to have been prepared to standards acceptable at the time, the presentation of the data does not meet present requirements and therefore the author is unable to ascertain the full quality of the information. The author does not take responsibility for the information provided from such sources.

5 Property Description and Location

The Property is located within the Falcon Lake area, consisting of 5 contiguous claims (Table 1), located approximately 90km northeast of Armstrong, Ontario, Canada (Figure 2).

Armstrong, Ontario is located approximately 250km north of Thunder Bay, Ontario, at the end of Highway 527, running along the west side of Lake Nipigon (Figure 1).



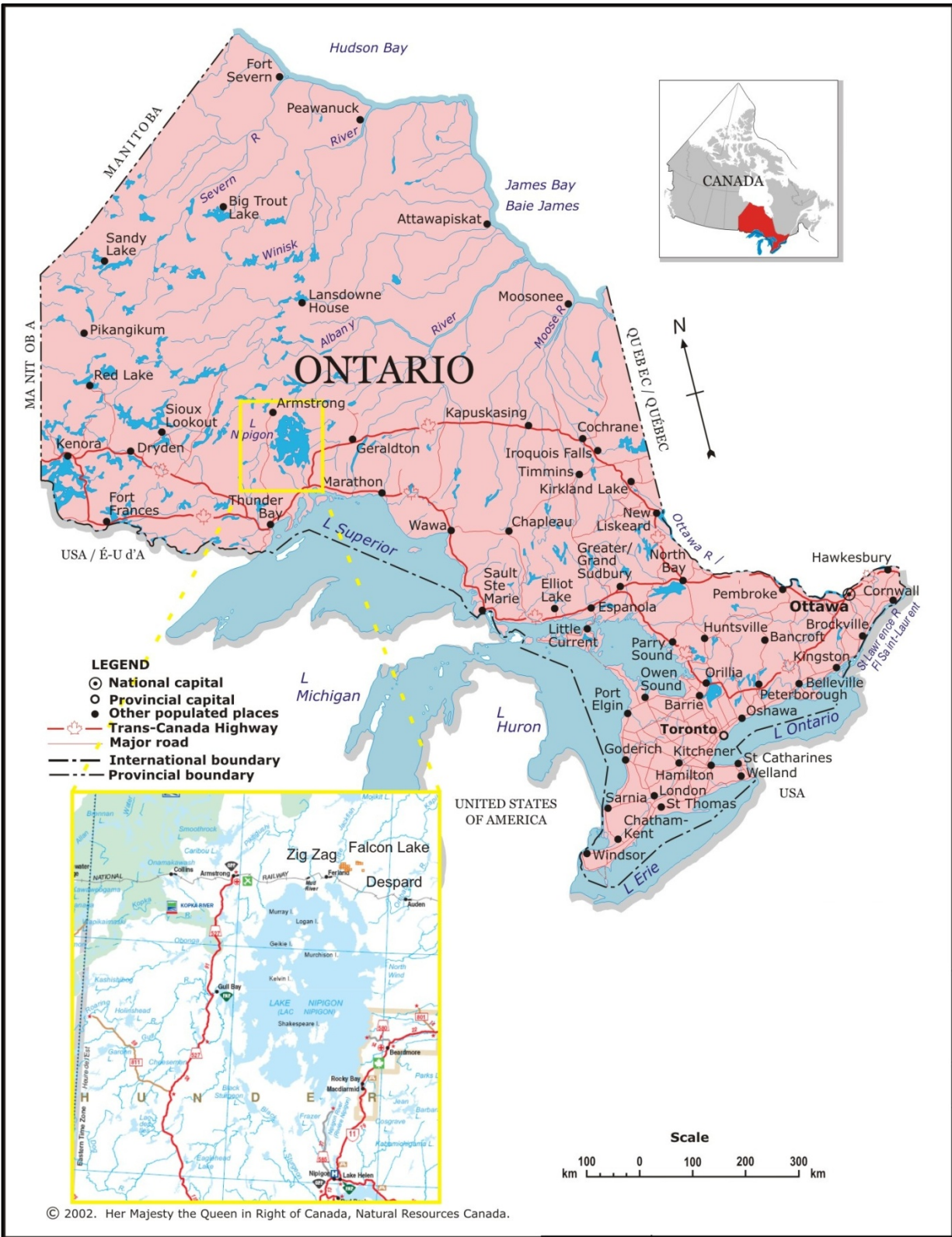


Figure 1: Regional Location.



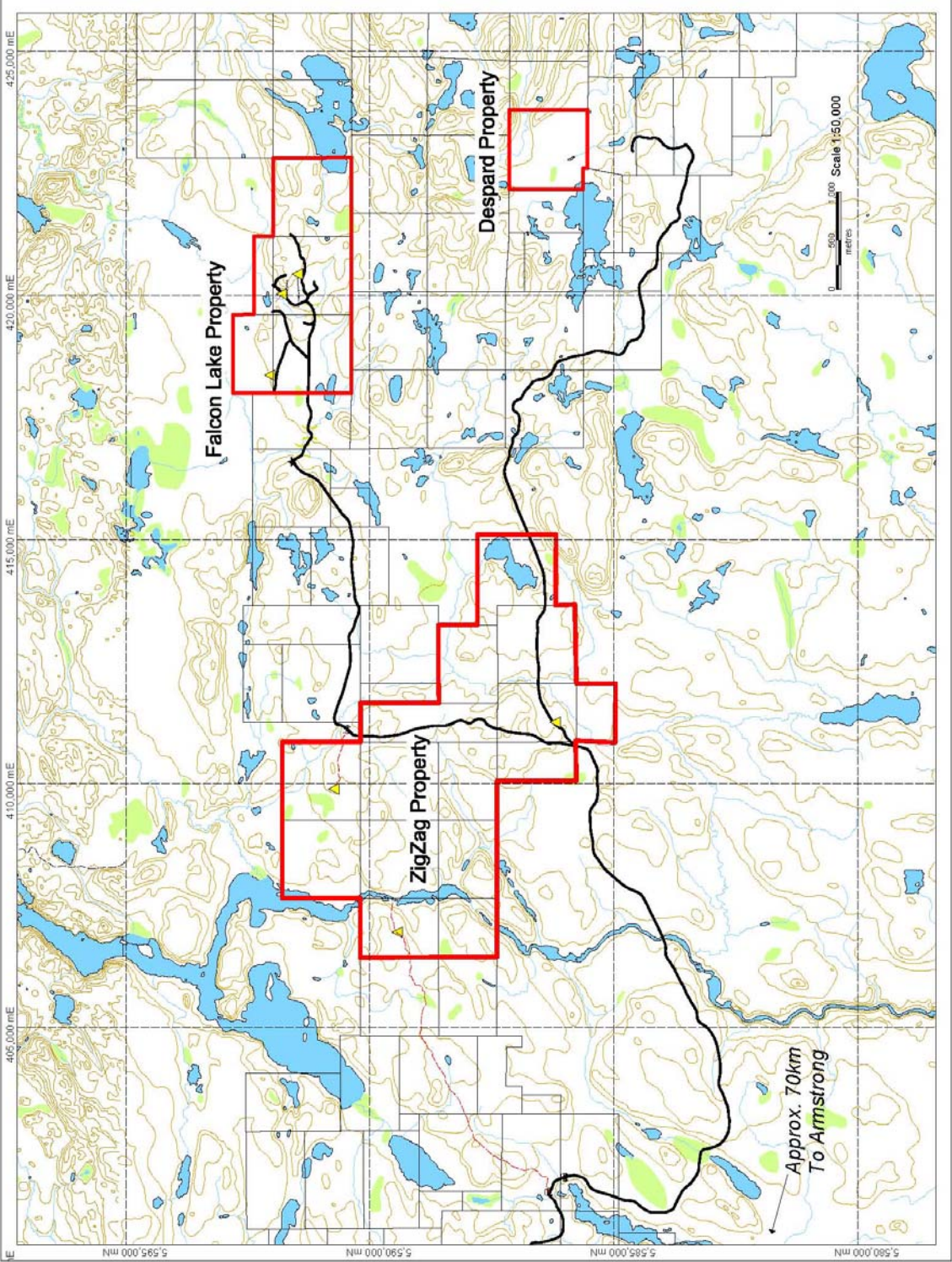


Figure 2: Falcon Lake Property location.



Table 1 – Falcon Lake Property Claims

Mining Claim	Township/Area	Units	Date Recorded	Date Due
4252441	Falcon Lake (G-0035)	8	Dec. 9, 2009	Dec. 9, 2011
4252442	Falcon Lake (G-0035)	4	Dec. 9, 2009	Dec. 9, 2011
4250593	Falcon Lake (G-0035)	16	Jul. 17, 2009	Jul. 17, 2011
4250594	Falcon Lake (G-0035)	16	Jul. 17, 2009	Jul. 17, 2011
4250595	Falcon Lake (G-0035)	16	July. 17, 2009	Jul. 17, 2011

6 Accessibility, Local Resources and Infrastructure

Main access to the site is achieved via the North Jackfish road, which is an extension of Airport Rd., leading northeast out of Armstrong, Ontario. The roads leading onto the Property itself are fairly well-maintained logging roads.

The Jackfish Road is considered a gravel logging road and is in consistent use by local outdoorsmen and the Whitesand First Nation. Although it is fairly well-maintained, an off-road capable truck or SUV is recommended.

The North Road separates from the main Jackfish road at approximately the 76km marker, while the turnoff to the Property itself is located at the 11km marker along the North Road. The network of roads can easily access most of the Property by an off-road capable truck or ATV. A future government forest harvesting program planned within the next 3 years, may extend the existing road network throughout the rest of the Property.

7 Climate and Physiography

Climatic conditions during the Winter 2010 program were typical for the time of year. Temperatures for the month of December ranged from a high of -5°C to -25°C. Snowfall was variable throughout the month, and there was roughly 3-5 feet of snow on the ground at the beginning of the program.

8 Geological Setting

8.1 Regional and Local Geology

The property is located within the Caribou Greenstone Belt, which trends ENE along the top of Lake Nipigon, extending eastward from the larger Onamon-Tashota Greenstone Belt, and lying along the northern margin of the Wabigoon Subprovince (marked by the Sydney Lake-Lake St. Joseph Fault zone). The Caribou belt differs from the Marshall Lake portion of the Tashota belt in being dominated by mafic and ultramafic rock compositions, including komatiites, with lesser intermediate and felsic metavolcanic rocks. The Caribou belt also contains horizons of metasedimentary units, including abundant iron formation. Numerous Archean-aged mafic and ultramafic bodies intrude the volcanics. In the area of the property, a prominent SSW-trending arm of the belt wraps around the northwest end of a large, early, composite felsic pluton. The contacts of



the pluton can be seen on regional vertical gradient magnetic maps, and is reported (Pye, 1968) to be composed of tonalite and granodiorite, with lesser granite, monzonite and diorite phases. The SSW arm area is also cut by a series of prominent late SSW-trending faults (with left-lateral displacement) that dictate the odd shape of Crescent Lake. Lying near the north end of the Nipigon Embayment, the area has also been affected by the Proterozoic Mid-Continental Rift event, expressed locally by outliers of Logan diabase sills that form prominent hills in the area, and can be seen on magnetic maps as strong highs or lows.

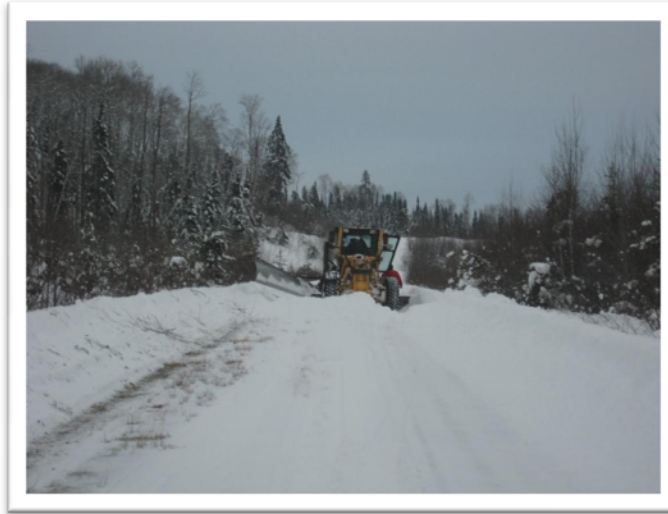


Figure 3: Clearing the North road to the Falcon Lake Property (photo).



Figure 4: Positioning the drill onto the setup for CO-10-002 (photo).



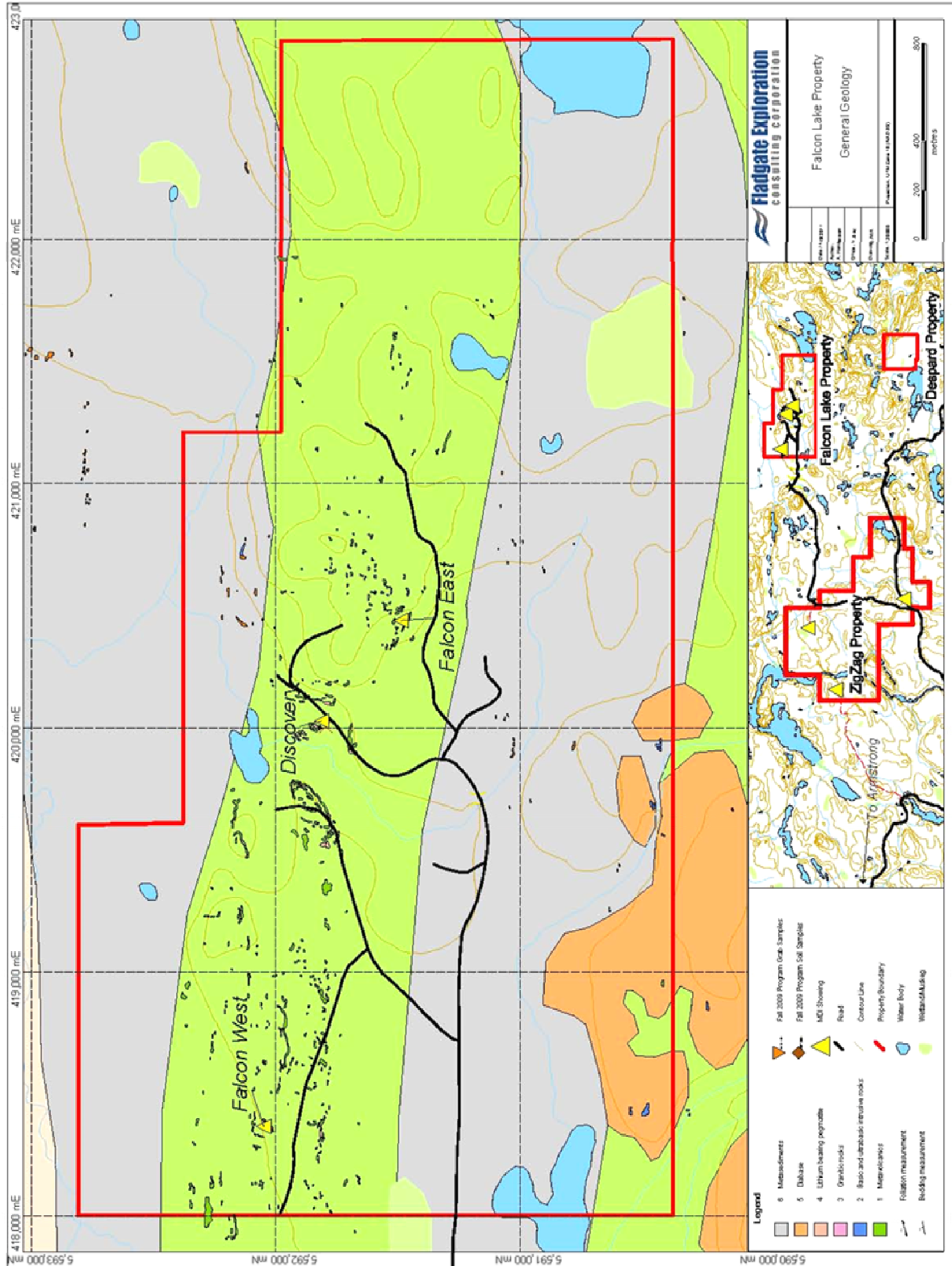


Figure 5: Regional geology (modified from Pye, E.G., 1968).



8.2 Property Geology

The Falcon Lake property is comprised mostly of a large volcanic package on the northern portion of the property, and sediments to the south (Figure 3). Both units have been metamorphosed to at least a greenschist facies, with instances of garnet in some outcrops indicating metamorphism as high as amphibolites facies.

The metavolcanics throughout the property occur in several different forms, mostly as massive basalts, whereas several outcrops show relatively unaltered pillow selvages. The metasediments are mostly poorly sorted greywackes and arkosic wackes.

Granitic intrusions are common, mostly in the form of pegmatite dykes as well as some simple granitic dykes. There are some instances of quartz and feldspar porphyries. In some areas, the pegmatites are truncated by Logan diabase sills.

8.3 Alteration and Mineralization

The mineralization of interest consists of coarse-grained spodumene-bearing pegmatites which are enriched in Li with associated Be, Cs, Ga, Nb, Rb, Sn and Ta.

There is no recognized alteration associated with the mineralized pegmatites into the host metavolcanics and metasediments.

9 History of Exploration on the Property

Canadian Orebodies completed a small mapping and sampling program in 2009. This program included extensive mapping and sampling over the entire Falcon Lake property, as well as a trenching and channel sampling program over the Falcon West showing (Claim 4252441).

Historical, documented exploration is summarized in Table 2 below.

Table 2 – Past Exploration - Falcon Lake Property

Year	Operator	Work	Principal Reference
1956-1958	British Canadian Lithium Mines Ltd.	Line cutting and Drill Program totalling 22 holes	BCLM Report
1978-1979	E&B Explorations Inc. & Cominco Ltd.	Grid cutting and Geochemistry Program	E&B Assessment Report

Several companies have conducted work in the area immediately surrounding (moreover to the West) of the Falcon Lake claims, however British Canadian Lithium Mines Ltd. (BCLM) was the only company to conduct work on the current claims.

BCLM conducted a drill program in 1956 over the three major showings on the property: Falcon West, Falcon East, and Discovery. Three holes were drilled in the Discovery showing, six were drilled into Falcon East, and nine were drilled into the Falcon West showing, totaling eighteen



holes on the property. As mentioned in the drilling report submitted by BCLM, there are four more holes whose locations are yet unknown. Excluding the four unknown holes, the eighteen holes drilled a total of 5,241.5 feet (~1,597.6m).

A summary of work by E&B Explorations Inc. and Cominco Ltd. outlines several properties where work was completed in the Crescent and Falcon Lake areas in 1980. Claim Group 'B' outlines most of the current Falcon Lake property. Work included a 22.43 mile grid cut by G.D. Hudson and Son, as well as a geochemistry program undertaken by E&B Explorations. A total of 1103 samples were taken for the geochemistry program.

10 Current Program

10.1 Drill Program

The 2010 Winter program consisted of a three-hole drill program (Table 3), aimed to target the Falcon West showing and determine overall lithium & tantalum consistency across the known pegmatite.

The drilling was performed by Rugged Aviation Inc., based out of Kenora, Ontario, Canada. The drilled was mobilized to Armstrong on December 15, and then out to site the following day. Drilling commenced on December 17th, with hole CO-10-001, and was completed on December 22rd, with hole CO-10-003. Demobilization back to Thunder Bay, along with the uncut drill core, was done over the course of the 23rd.

Initial planning had the holes twinning historical holes drilled by British Canadian Lithium Mines Inc., to confirm historical lithium grades. However, small adjustments to the locations of the holes were made due to inconsistencies in the rectification of the historical data, therefore the locations of the historical holes were not accurately known. The orientation of the historical holes however (i.e. azimuth and dip), were used for the current drill program.

Table 3 – Completed 2010 drillholes

Drillhole ID	Easting (NAD83)	Northing (NAD83)	Azimuth	Dip	Depth (m)	Pegmatite Intersection (m)
CO-10-001	418449.00	5592004.00	300	-45.0	103.3	20.2
CO-10-002	418422.00	5592003.00	300	-60.0	94.8	13.1
CO-10-003	418423.00	5592042.00	300	-60.0	65.0	11.0



11 Sampling Method and Approach

Core logging and subsequent sampling/cutting were performed in Thunder Bay, Ontario, by Fladgate. All pegmatite was sampled, mostly at 1m intervals, as well as any granite that was discovered. A QA/QC program was put in place that involved placing lithium standard material (SRM 181) every 25 samples, as well as a granite blank every alternating 25 samples. The blank material was obtained from Nelson Granite, in Vermilion Bay, Ontario.

The SRM 181 standard was sourced from the National Institute of Standards and Technology (NIST), part of the U.S. Department of Commerce.

12 Sample Preparation, Analysis and Security

The unsampled core was brought from Falcon Lake to Fladgate's core shack in Thunder Bay, Ontario, by truck. The samples were then cut and placed in standard clear sample bags, and then placed in rice bags in groups of 10, where able.

The samples were brought by truck to the ALS Chemex Preb Lab, located in Thunder Bay, where they were prepped to be analysed by the 48 element ME-MS61 method, which analyses for all the targeted Li, Ta, Cs and Be elements.

13 Interpretations and Conclusions

The primary intentions of drilling the Falcon West showing were to recreate and confirm the historical results listed by British Canadian Lithium Mines. All three drillholes intersected the showing at depth, with an average width of approximately 15m (Table 3).

While the current drill program did not precisely twin the historical BCLM drilling, the intersected pegmatite is essentially the same. Results from the current drilling returned several Li₂O high-grade hits from all three holes, showing that a general high-grade trend is consistent across the entire showing (Table 4).

Table 4 – Significant results from Falcon Lake 2010 drilling

Hole ID	From (m)	To (m)	Width (m)	Be (ppm)	Cs (ppm)	Nb (ppm)	Rb (ppm)	Li ₂ O (%)	Ta ₂ O ₅ (ppm)
CO-10-001	69.3	83.3	14.0	145.4	166.0	62.5	2080.7	0.99	52.5
<i>including</i>	69.3	74.3	5.0	214.7	189.8	69.4	2862.0	1.25	46.6
<i>Including</i>	79.3	83.3	4.0	128.7	120.1	78.7	1657.5	1.50	47.9
CO-10-002	55.3	62.3	7.0	136.4	377.9	46.1	3477.1	1.07	68.6
CO-10-003	39.4	50.4	11.0	115.2	83.3	62.5	1377.1	1.10	50.0
<i>including</i>	44.4	50.4	6.0	156.6	84.7	79.9	1670.0	1.52	48.5



14 Recommendations

Current and historical drilling has revealed very little extension of the pegmatite to the north or south, on surface. However, there is every indication that the pegmatite continues at depth, as the intersection width at surface is the same as the drilled intersection at depth. It is recommended that further drilling be undertaken to determine the vertical extension of the pegmatite.

Further investigation to the extension of the pegmatite in the north and south directions should be undertaken before any further drilling occurs to investigate any strike length (i.e. mag survey, etc).

15 References and Literature

Author	Year	Title
BCLM	1956	British Canadian Lithium Mines Ltd., Diamond Drill hole logs.
Burns, R.F.	1980	EBJV Crescent Lake – Assessment Report on Claims.
Pye, E.G.	1968	Geology of the Crescent Lake Area, District of Thunder Bay, Ontario. Department of Mines – Geological Report 55.

16 Date

This report was completed on March 24, 2011.



17 Statement of Qualifications

STATEMENT OF QUALIFICATIONS

I, Michael John Thompson, of the CITY of THUNDER BAY, in the PROVINCE of ONTARIO, hereby certify:

I am the President and a Principal Geologist for the geological consulting firm Fladgate Exploration Consulting Corporation.

I graduated from the University of Toronto in Toronto, Ontario, Canada and received my Honours Bachelor of Science Degree, Geology in 1997.

I have practiced continuously as an exploration geologist from that time until present that has included the design and implementation of a variety of grassroots, advanced, mine exploration and research projects in precious, base metal and industrial mineral programs in North and South America.

I am a member in good standing of the Association of Professional Geoscientists of Ontario (APGO #1521). I am also a member in good standing with the Prospectors and Developers Association of Canada, the Ontario Prospectors Association, the Society of Economic Geologists and the Geological Association of Canada.

I am, through Fladgate Exploration Consulting Corporation, currently providing consulting services to Canadian Orebodies.

I have no interest, either directly or indirectly, in the subject property.

This report is based on a study of all information made available to me, both published and unpublished, and on information collected in the field by Fladgate Exploration Consulting Corporation personnel under my supervision, or provided to me during the period of December, 2010 to March, 2011.

Dated in Thunder Bay, Ontario, this 24th day of March, 2011.



Michael John Thompson, P. Geo.



STATEMENT OF QUALIFICATIONS

I, Avery David Henderson, of the CITY of THUNDER BAY, in the PROVINCE of ONTARIO, hereby certify:

I am employed with the geological consulting firm Fladgate Exploration Consulting Corporation.

I am a graduate of Lakehead University, Thunder Bay, Ontario, with an Honours Bachelor of Science degree, majoring in Geology.

I have been employed as a Project Manager with Fladgate Exploration Consulting Company since my graduation in May, 2008.

I am, through Fladgate Exploration Consulting Corporation, currently providing consulting services to Canadian Orebodies.

I have no interest, either directly or indirectly, in the subject property.

This report is based on a study of all information made available to me, both published and unpublished, and on information collected in the field by myself and by Fladgate Exploration Consulting Corporation personnel, or provided to me during the period of December, 2010 to March, 2011.

Dated in Thunder Bay, Ontario, this 24th day of March, 2011.



Avery David Henderson



Appendices



Appendix I – Schedule of Costs

Work Performed			
Date From	Date To	Description	Cost
Dec. 13, 2010	Dec. 23, 2010	Project Manager Consulting Fees	\$17,937.5
Dec. 13, 2010	Jan. 24, 2011	Geotechnician Consulting Fees	\$2,000.00
Dec. 15, 2010	Dec. 23, 2010	Drilling (Rugged Aviation Inc.)	\$45,351.79

Travel			
Date From	Date To	Description	Cost
Dec. 13, 2010	Dec. 22, 2010	Truck Rental	\$1,200.00
Dec. 13, 2010	Dec. 22, 2010	Extra Mileage	\$622.58
Dec. 13, 2010	Dec. 22, 2010	ATV Rental	\$1,250.00
Dec. 13, 2010	Dec. 22, 2010	Fuel	\$197.16

Supplies			
Date From	Date To	Description	Cost
Jan. 21, 2011	Jan. 24, 2011	Core saw & Diamond blades	\$1,600.00
Dec. 15, 2010	Dec. 15, 2010	Other Supplies	\$36.00

Other			
Date From	Date To	Description	Cost
Dec. 15, 2010	Jan. 4, 2010	Heavy Equipment Rental (Dozer, Float Truck, etc.)	\$9,710.00
Feb. 6, 2011	Feb. 6, 2011	Assaying	\$5,548.36

Food & Lodging			
Date From	Date To	Description	Cost
Dec. 13, 2010	Dec. 22, 2010	Food/Expenses	\$688.31
Dec. 13, 2010	Dec. 22, 2010	Accommodations	\$1,012.50

TOTAL			\$87,154.20
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Appendix II – Work Schedule

Legend	
	Thunder Bay (in days)
	Field Time (in days)

Project Managers			
Date	Avery Henderson	Stephanie Vanos	John Fingas
Dec. 10, 2010			
Dec. 11, 2010			
Dec. 12, 2010			
Dec. 13, 2010	1.00		
Dec. 14, 2010	1.00		
Dec. 15, 2010	1.00		
Dec. 16, 2010	1.00		
Dec. 17, 2010	1.00		
Dec. 18, 2010	1.00		
Dec. 19, 2010	1.00		
Dec. 20, 2010	1.00		
Dec. 21, 2010	1.00		
Dec. 22, 2010	1.00		
Dec. 23, 2010	1.00		
Dec. 24, 2010			
Dec. 25, 2010			
Jan. 10, 2011			
Jan. 11, 2011		0.75	0.75
Jan. 12, 2011		0.75	0.875
Jan. 13, 2011		0.625	0.625
Jan. 14, 2011			
Jan. 15, 2011			
Jan. 16, 2011			
Jan. 17, 2011			
Jan. 18, 2011			
Jan. 19, 2011			
Jan. 20, 2011			
Jan. 21, 2011			
Jan. 22, 2011			
Jan. 23, 2011			
Jan. 24, 2011			
Jan. 24, 2011			
Jan. 25, 2011			
TOTAL	11.00	2.125	2.25



Geotechnicians		
Date	Andrew Blampin	Description
Jan. 21, 2011	1.00	Core Cutting.
Jan. 22, 2011	1.00	Core Cutting.
Jan. 23, 2011	1.00	Core Cutting.
Jan. 24, 2011	1.00	Core Cutting.
TOTAL	4.00	

Drilling Schedule	
Date	Description
Dec. 15, 2010	Drill arrives in Armstrong, Ontario; standby for road to Falcon Lake to be cleared.
Dec. 16, 2010	Unloading drill on site; overall mobilization.
Dec. 17, 2010	Drill setup; drilling begins with hole CO-10-001.
Dec. 18, 2010	Drilling hole CO-10-001.
Dec. 19, 2010	Finish drilling hole CO-10-001.
Dec. 20, 2010	Drilling hole CO-10-002; Completed at end of night shift.
Dec. 21, 2010	Drilling hole CO-10-003; Completed at end of night shift.
Dec. 22, 2010	Drill pack-up and demob back to Thunder Bay, Ontario.





ALS Canada Ltd.
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 North Vancouver BC V7H 0A7
 Phone: 604 984 0221 Fax: 604 984 0218 www.alsglobal.com

To: FLADGATE EXPLORATION CONSULTING CORPORATION
 195 PARK AVE
 THUNDER BAY ON P7B 1B9

Page: 1
 Finalized Date: 6- FEB- 2011
 Account: FLGEXP

CERTIFICATE TB11011392

Project: COB- ZIG
 P.O. No.:
 This report is for 62 Drill Core samples submitted to our lab in Thunder Bay, ON, Canada on 24- JAN- 2011.
 The following have access to data associated with this certificate:
 AVERY HENDERSON MICHAEL THOMPSON

SAMPLE PREPARATION	
ALS CODE	DESCRIPTION
WEI- 21	Received Sample Weight
LOG- 22	Sample login - Rcd w/o BarCode
LOG- 23	Pulp Login - Rcvd with Barcode
CRU- QC	Crushing QC Test
PUL- QC	Pulverizing QC Test
CRU- 31	Fine crushing - 70% < 2mm
SPL- 21	Split sample - riffle splitter
PUL- 31	Pulverize split to 85% < 75 um

ANALYTICAL PROCEDURES		
ALS CODE	DESCRIPTION	INSTRUMENT
LI- OG63	Ore grade Li - 4ACID	VARIABLE
ME- OG62o	Ore Grade open beaker - ICPAES	ICP- AES
ME- MS81	38 element fusion ICP- MS	ICP- MS
ME- MS61	48 element four acid ICP- MS	

To: FLADGATE EXPLORATION CONSULTING CORPORATION
 ATTN: AVERY HENDERSON
 195 PARK AVE
 THUNDER BAY ON P7B 1B9

This is the Final Report and supersedes any preliminary report with this certificate number. Results apply to samples as submitted. All pages of this report have been checked and approved for release.

Signature: 
 Colin Ramshaw, Vancouver Laboratory Manager



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To: FLADGATE EXPLORATION CONSULTING
 CORPORATION
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Page: 2 - A
 Total # Pages: 3 (A - D)
 Plus Appendix Pages
 Finalized Date: 6- FEB- 2011
 Account: FLGEXP

Project: COB- ZIG

CERTIFICATE OF ANALYSIS TB11011392

Sample Description	Method Analyte Units LOR	WEI- 21 Recvd Wt. kg	ME- MS61 Ag ppm	ME- MS61 Al %	ME- MS61 As ppm	ME- MS61 Ba ppm	ME- MS61 Be ppm	ME- MS61 Bi ppm	ME- MS61 Ca %	ME- MS61 Cd ppm	ME- MS61 Ce ppm	ME- MS61 Co ppm	ME- MS61 Cr ppm	ME- MS61 Cs ppm	ME- MS61 Cu ppm	ME- MS61 Fe %
E450951		1.61	0.06	7.19	<0.2	970	0.73	0.02	0.97	0.03	140.5	2.7	15	1.77	5.5	1.30
E450952		1.63	<0.01	5.47	0.3	10	155.0	0.03	0.33	0.20	0.17	0.4	8	14.85	1.1	0.29
E450953		1.60	0.04	3.76	0.3	10	116.5	0.03	0.32	0.13	0.26	0.5	7	20.7	3.6	0.20
E450954		1.79	0.14	7.99	<0.2	90	5.41	0.19	6.39	0.27	12.05	57.4	70	156.0	122.5	10.45
E450955		1.67	0.15	5.55	0.6	10	159.5	0.05	0.49	0.03	0.10	0.7	9	134.0	3.7	0.38
E450956		1.70	0.06	5.70	0.7	20	131.0	0.22	0.27	0.12	0.10	0.5	11	93.0	1.9	0.43
E450957		1.98	0.06	7.55	0.4	30	265	7.75	0.33	0.23	0.16	0.3	13	41.1	1.0	0.69
E450958		1.65	0.04	6.29	1.1	40	118.0	0.27	0.25	0.07	0.15	0.5	9	105.5	2.3	0.46
E450959		1.63	<0.01	5.84	1.1	60	122.5	0.22	0.30	0.09	0.38	1.4	8	83.6	1.7	0.45
E450960		1.52	0.05	6.77	0.4	70	143.5	0.06	0.28	0.12	0.99	1.3	8	51.0	1.4	0.49
E450961		1.66	<0.01	7.29	0.8	20	195.5	0.04	0.46	0.11	2.05	0.8	10	35.8	3.3	0.37
E450962		3.26	0.17	9.25	1.4	220	3.32	0.12	6.84	0.13	115.0	46.4	313	49.3	64.0	8.29
H181151		3.38	0.17	8.66	0.8	130	11.15	0.21	6.21	0.30	12.65	52.1	73	322	94.0	10.15
H181152		1.58	0.08	6.93	0.6	60	57.4	0.05	0.41	0.02	0.71	1.3	10	133.5	9.6	0.40
H181153		1.75	0.03	8.05	1.0	100	323	0.04	0.71	0.19	0.28	0.6	11	116.5	1.6	0.88
H181154		1.74	<0.01	7.45	1.2	90	84.0	0.23	0.70	0.12	0.16	0.3	8	>500	1.3	0.44
H181155		1.66	<0.01	7.19	0.6	170	250	0.50	0.76	0.21	0.25	0.4	12	225	3.2	0.55
H181156		1.59	<0.01	6.29	0.8	70	241	0.09	0.53	0.12	0.08	0.5	13	85.7	2.4	0.55
H181157		1.62	<0.01	6.20	0.9	50	175.5	0.08	0.34	0.15	0.06	0.5	11	90.7	1.2	0.40
H181158		1.35	<0.01	6.78	1.5	40	164.5	0.13	0.80	0.26	0.59	2.2	9	242	17.0	0.63
H181159		3.80	0.17	8.35	0.7	110	6.49	0.26	6.75	0.40	16.55	48.6	76	174.5	147.5	10.50
H181160		1.67	<0.01	7.67	0.7	50	123.5	0.14	0.50	0.16	0.37	0.7	8	117.5	5.2	0.37
H181161		1.47	0.01	7.26	0.7	110	146.0	0.34	0.50	0.06	0.30	0.6	11	186.0	2.4	0.47
H181162		1.69	<0.01	7.21	0.8	60	134.5	0.10	0.97	0.05	0.09	0.5	8	118.5	1.1	0.54
H181163		1.47	<0.01	7.04	0.7	130	129.5	1.59	0.67	0.20	0.05	0.5	8	119.0	9.6	0.58
H181164		1.46	<0.01	7.06	0.7	60	153.5	0.43	0.68	0.02	0.07	0.4	11	127.5	2.3	0.51
H181165		1.65	<0.01	4.74	0.6	40	97.4	0.63	0.36	<0.02	<0.01	0.3	9	115.5	2.8	0.34
H181166		1.60	<0.01	7.43	0.6	90	141.5	1.08	0.86	0.11	0.17	0.4	8	209	1.7	0.50
H181167		1.50	0.09	7.38	1.3	90	90.8	1.13	0.78	0.10	0.15	0.4	6	123.5	1.9	0.47
H181168		1.59	0.01	7.12	1.6	80	122.5	0.31	0.62	0.13	0.17	0.9	7	130.0	1.5	0.39
H181169		1.62	0.02	7.65	5.1	170	154.0	0.35	0.92	0.16	0.12	0.6	8	205	7.1	0.53
H181170		1.61	0.05	7.04	0.7	240	126.0	0.23	0.74	0.19	0.37	0.6	9	59.9	4.9	0.56
H181171		1.63	<0.01	7.42	0.9	140	137.0	0.11	0.68	0.19	1.02	3.6	9	85.1	4.3	0.90
H181172		1.95	<0.01	6.76	0.9	30	170.5	0.07	0.80	0.19	0.88	1.1	10	45.7	15.3	0.44
H181173		3.47	0.10	7.79	<0.2	70	10.50	0.22	6.11	0.17	12.05	41.6	64	188.0	132.0	9.68
H181174		3.80	0.09	7.79	0.3	50	1.24	0.10	6.37	0.18	13.15	43.2	80	92.2	129.0	9.79
H181175		1.62	0.04	7.57	0.5	80	44.0	0.04	0.90	0.02	0.94	2.0	10	138.0	3.6	0.58
H181176		0.03	0.05	7.33	3.0	<10	519	0.73	0.41	0.12	0.23	1.6	205	51.1	10.2	0.58
H181177		1.39	<0.01	6.96	0.8	30	335	0.04	1.24	<0.02	0.88	2.9	8	251	7.1	0.68
H181178		3.84	0.09	7.76	<0.2	60	3.90	0.12	5.82	0.15	16.15	42.5	65	456	141.0	9.50

**** See Appendix Page for comments regarding this certificate ****



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Project: COB- ZIG

CERTIFICATE OF ANALYSIS TB11011392

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
		Ga ppm 0.05	Ge ppm 0.05	Hf ppm 0.1	In ppm 0.005	K % 0.01	La ppm 0.5	Li ppm 0.2	Mg % 0.01	Mn ppm 5	Mo ppm 0.05	Na % 0.01	Nb ppm 0.1	Ni ppm 0.2	P ppm 10	Pb ppm 0.5
E450951		17.55	0.18	6.2	0.012	4.41	76.2	19.8	0.23	202	0.15	2.41	3.2	4.8	320	36.9
E450952		47.0	0.09	2.6	<0.005	0.38	<0.5	1090	0.01	325	0.20	5.97	90.6	1.9	1770	1.4
E450953		45.6	0.11	2.5	<0.005	0.52	<0.5	2860	0.01	336	0.09	5.58	79.1	1.4	1060	2.0
E450954		19.85	0.58	0.9	0.078	1.20	4.6	1650	4.91	2070	0.13	0.86	5.1	112.0	400	7.2
E450955		55.7	0.11	2.1	<0.005	1.77	<0.5	6290	0.03	340	0.08	3.30	64.3	1.7	950	2.6
E450956		55.9	0.12	1.3	<0.005	1.56	<0.5	7640	0.01	581	0.10	2.72	88.9	1.5	1440	2.8
E450957		73.5	0.14	0.4	<0.005	1.52	<0.5	9990	0.02	603	0.10	1.82	100.5	1.0	1490	2.5
E450958		58.5	0.13	0.5	<0.005	2.77	<0.5	7510	0.02	416	0.09	2.24	69.7	0.9	1070	2.5
E450959		55.7	0.11	0.9	<0.005	2.33	<0.5	5460	0.03	376	0.09	2.96	66.7	0.9	1250	2.9
E450960		56.7	0.13	1.2	<0.005	1.31	<0.5	5430	0.06	347	0.10	3.24	89.5	0.8	1200	3.4
E450961		50.6	0.11	2.3	<0.005	1.55	0.7	600	0.05	183	0.09	5.06	82.5	1.8	1640	3.7
E450962		21.9	0.33	3.9	0.059	0.71	55.6	366	5.65	1940	28.4	1.95	8.4	161.0	1840	3.8
H181151		21.6	0.31	1.2	0.074	0.99	5.1	500	4.49	2180	0.17	1.97	7.8	72.1	750	4.8
H181152		41.4	0.10	1.2	<0.005	4.26	<0.5	1170	0.07	160	0.17	3.06	65.5	1.6	960	9.5
H181153		83.3	0.14	0.3	<0.005	2.20	<0.5	8600	0.06	611	0.12	1.52	83.4	1.2	1120	2.1
H181154		49.5	0.12	0.4	<0.005	5.82	<0.5	2660	0.02	255	0.11	1.61	45.3	0.9	1830	5.3
H181155		58.8	0.14	0.6	<0.005	4.35	<0.5	4300	0.03	394	0.09	1.49	66.8	0.9	1920	4.3
H181156		63.4	0.13	0.5	<0.005	1.53	<0.5	5920	0.03	398	0.12	3.07	84.7	0.7	1220	1.4
H181157		54.3	0.12	0.4	<0.005	1.31	<0.5	7570	0.02	326	0.09	3.32	66.8	1.0	990	2.0
H181158		47.7	0.10	2.0	<0.005	1.54	<0.5	1240	0.14	214	0.10	5.05	64.2	3.5	2640	6.8
H181159		22.0	0.91	1.0	0.090	0.69	6.6	730	3.74	2060	0.23	1.41	6.8	59.3	640	17.9
H181160		44.0	0.11	1.6	<0.005	2.32	<0.5	1190	0.04	194	0.09	4.31	72.3	1.0	1900	7.3
H181161		49.1	0.11	0.6	<0.005	2.70	<0.5	3720	0.05	313	0.08	3.58	62.8	1.7	1540	3.7
H181162		62.3	0.12	0.7	<0.005	2.03	<0.5	7800	0.03	452	0.09	2.04	81.3	0.6	1280	4.3
H181163		57.0	0.12	0.5	<0.005	2.08	<0.5	5570	0.05	386	0.08	2.63	67.6	0.6	1530	24.6
H181164		61.1	0.10	0.7	<0.005	1.66	<0.5	5880	0.04	300	0.09	2.52	97.3	0.8	1050	3.8
H181165		62.0	0.11	3.7	<0.005	1.43	<0.5	8550	0.01	313	0.06	2.54	68.5	0.5	770	2.7
H181166		53.1	0.11	1.6	<0.005	4.21	<0.5	3140	0.03	319	0.09	2.21	80.0	0.5	1710	6.2
H181167		56.8	0.06	2.1	<0.005	1.65	<0.5	3770	0.04	305	0.08	3.48	78.4	1.3	1640	3.4
H181168		51.2	0.06	1.0	<0.005	2.11	<0.5	2120	0.03	233	0.08	3.60	70.5	0.6	1810	4.1
H181169		57.9	0.08	1.2	0.006	3.01	<0.5	3590	0.06	280	0.07	2.17	60.0	0.7	1490	12.7
H181170		66.4	0.07	1.9	<0.005	1.34	<0.5	1840	0.08	261	0.09	3.68	84.4	1.7	1390	4.2
H181171		59.4	0.09	1.8	<0.005	1.75	0.6	331	0.22	235	0.06	3.64	65.7	2.1	1410	3.4
H181172		44.7	0.08	3.1	<0.005	0.74	0.5	140.5	0.09	273	0.09	4.86	95.1	1.8	2300	2.7
H181173		19.00	0.23	0.9	0.088	0.67	5.2	510	3.33	1680	0.14	1.63	5.4	45.3	650	14.2
H181174		19.00	0.23	1.1	0.084	0.37	5.9	323	3.46	1720	0.24	1.87	4.0	56.0	440	3.5
H181175		42.8	0.10	4.0	<0.005	0.86	0.5	342	0.15	172	0.06	5.19	91.8	2.7	3210	4.0
H181176		43.9	0.08	2.4	<0.005	0.21	<0.5	>10000	0.02	1090	0.33	0.58	121.0	5.1	7290	4.6
H181177		37.4	0.09	4.0	<0.005	0.56	<0.5	266	0.18	158	0.07	4.97	85.7	3.5	5060	2.7
H181178		19.65	0.24	1.7	0.081	0.49	7.6	460	3.36	1620	0.36	1.93	5.4	63.4	560	2.0

**** See Appendix Page for comments regarding this certificate ****



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CERTIFICATE OF ANALYSIS TB11011392

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
		Rb ppm 0.1	Re ppm 0.002	S % 0.01	Sb ppm 0.05	Sc ppm 0.1	Se ppm 1	Sn ppm 0.2	Sr ppm 0.2	Ta ppm 0.05	Te ppm 0.05	Th ppm 0.2	Ti % 0.005	Tl ppm 0.02	U ppm 0.1	V ppm 1
E450951		150.5	<0.002	0.01	<0.05	3.1	1	0.6	259	0.20	<0.05	37.2	0.104	0.79	3.1	14
E450952		298	<0.002	<0.01	0.16	0.1	1	38.4	5.4	88.8	<0.05	2.0	<0.005	1.61	1.4	<1
E450953		450	<0.002	<0.01	0.17	0.1	1	82.2	4.9	100.0	<0.05	1.2	<0.005	2.84	0.9	1
E450954		1030	<0.002	0.04	0.28	45.1	2	23.4	102.0	2.15	<0.05	0.5	0.670	8.32	0.5	330
E450955		1720	<0.002	<0.01	0.43	0.1	1	86.1	7.8	49.7	<0.05	1.8	0.005	11.25	1.0	2
E450956		1330	<0.002	<0.01	0.34	0.1	1	53.5	9.2	49.7	<0.05	2.6	<0.005	8.76	1.4	1
E450957		1500	<0.002	<0.01	0.22	0.2	1	62.0	18.8	29.9	<0.05	0.9	<0.005	7.86	2.7	<1
E450958		2330	<0.002	<0.01	0.48	0.1	1	50.9	15.6	30.9	<0.05	1.7	<0.005	14.30	0.8	<1
E450959		1930	<0.002	<0.01	0.37	0.1	1	62.4	15.5	35.1	<0.05	1.5	<0.005	11.95	1.3	<1
E450960		1210	<0.002	<0.01	0.26	0.1	1	57.6	16.8	43.1	<0.05	4.7	<0.005	6.61	8.0	<1
E450961		1450	<0.002	0.01	0.27	0.1	1	41.5	12.5	88.2	<0.05	3.6	<0.005	8.13	8.1	1
E450962		161.0	0.021	0.04	1.01	32.2	2	9.2	299	1.77	<0.05	11.4	0.616	1.16	2.9	246
H181151		790	<0.002	0.06	0.75	49.5	2	35.2	122.5	15.30	<0.05	0.6	0.702	4.74	0.3	344
H181152		4060	<0.002	<0.01	0.35	0.4	1	52.5	20.3	50.2	<0.05	2.5	0.008	22.8	2.7	4
H181153		2070	<0.002	<0.01	1.23	0.3	1	108.0	93.9	36.2	<0.05	0.7	<0.005	10.60	1.0	2
H181154		5840	<0.002	<0.01	0.81	0.2	1	53.5	44.7	55.0	<0.05	0.6	<0.005	35.0	1.3	<1
H181155		3920	<0.002	<0.01	0.47	0.2	1	68.5	57.1	35.7	<0.05	0.8	<0.005	23.2	1.6	<1
H181156		1290	<0.002	<0.01	0.50	0.1	1	73.1	37.4	34.9	<0.05	1.5	<0.005	7.21	0.7	<1
H181157		1190	<0.002	<0.01	0.59	0.1	1	64.4	27.5	28.9	<0.05	3.4	<0.005	7.41	1.2	<1
H181158		1960	<0.002	0.01	0.51	1.3	1	42.8	23.8	>100	<0.05	1.8	0.024	13.05	3.8	11
H181159		700	0.002	0.12	0.55	48.9	2	27.2	118.0	8.85	<0.05	0.8	0.776	4.51	0.5	321
H181160		2290	<0.002	<0.01	0.27	0.4	1	37.3	18.0	93.0	<0.05	2.3	0.005	13.40	5.9	2
H181161		2540	<0.002	<0.01	0.38	0.4	1	40.1	44.9	31.7	<0.05	2.2	0.006	15.00	4.0	2
H181162		1840	<0.002	<0.01	0.42	0.1	1	57.7	25.3	30.4	<0.05	2.5	<0.005	10.35	5.7	1
H181163		1870	<0.002	<0.01	0.61	0.1	1	66.3	35.7	29.2	<0.05	2.6	<0.005	10.55	2.7	<1
H181164		1700	<0.002	<0.01	0.46	0.1	1	74.6	23.1	48.1	<0.05	4.6	<0.005	8.52	7.7	<1
H181165		1220	<0.002	<0.01	0.44	0.1	1	79.3	13.7	49.3	<0.05	2.6	<0.005	6.96	2.2	<1
H181166		3870	<0.002	<0.01	0.41	0.2	1	52.3	29.3	40.6	<0.05	3.2	<0.005	22.5	6.2	<1
H181167		1530	<0.002	<0.01	0.39	0.2	1	53.6	39.3	54.1	<0.05	3.2	<0.005	7.54	6.1	<1
H181168		2140	<0.002	<0.01	0.33	0.1	1	51.8	38.0	49.1	<0.05	3.0	<0.005	11.70	4.9	<1
H181169		3170	<0.002	<0.01	0.47	0.2	1	76.3	82.8	57.9	<0.05	2.9	<0.005	17.35	4.9	1
H181170		1060	<0.002	<0.01	0.27	0.2	1	74.2	124.0	46.0	<0.05	3.5	<0.005	4.04	7.0	<1
H181171		1810	<0.002	0.02	0.22	0.3	1	95.4	64.2	>100	<0.05	2.2	<0.005	6.69	5.4	2
H181172		930	<0.002	0.01	0.14	0.8	1	71.4	16.7	>100	<0.05	1.6	0.013	3.78	6.8	7
H181173		760	0.002	0.11	0.40	42.0	2	15.3	106.0	4.93	0.08	0.6	0.722	4.78	0.2	340
H181174		270	0.002	0.12	0.43	42.1	2	6.8	114.5	0.57	0.08	0.7	0.733	2.04	0.2	339
H181175		1140	<0.002	<0.01	0.21	1.6	1	50.1	44.9	>100	<0.05	1.0	0.028	4.53	4.9	15
H181176		57.7	<0.002	0.02	0.82	0.7	1	108.5	14.2	58.2	<0.05	0.2	0.038	0.89	0.8	8
H181177		960	<0.002	<0.01	0.16	2.6	1	39.9	32.6	>100	<0.05	1.3	0.044	4.69	6.8	21
H181178		840	0.003	0.12	0.51	38.1	2	24.4	109.0	1.51	0.08	1.0	0.746	5.34	0.3	322

**** See Appendix Page for comments regarding this certificate ****



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CERTIFICATE OF ANALYSIS TB11011392

Sample Description	Method Analyte Units LOR	ME- MS61 W ppm 0.1	ME- MS61 Y ppm 0.1	ME- MS61 Zn ppm 2	ME- MS61 Zr ppm 0.5	LI- OG63 Li % 0.005	ME- MS81 Cs ppm 0.01	ME- MS81 Ta ppm 0.1
E450951		0.1	4.8	38	230			
E450952		1.6	0.2	19	21.8			
E450953		1.7	0.1	25	19.8		23.7	107.0
E450954		0.5	24.3	187	25.7			
E450955		1.8	0.2	33	15.9			
E450956		2.4	0.2	44	8.8			
E450957		4.5	0.7	50	3.1			
E450958		2.5	0.2	32	2.9			
E450959		2.2	0.5	41	6.8			
E450960		2.7	0.5	41	10.5			
E450961		1.7	0.8	20	18.8			
E450962		1.4	22.6	92	164.0			
H181151		2.7	26.4	174	33.1			
H181152		1.6	0.4	28	8.4			
H181153		4.3	1.4	54	1.8			
H181154		2.2	0.9	28	2.0		431	38.3
H181155		3.2	1.5	39	4.6			
H181156		3.2	0.3	35	3.3			
H181157		1.6	0.1	21	2.8			
H181158		1.3	1.0	55	14.5		256	111.5
H181159		1.2	31.6	324	28.0			
H181160		1.6	0.4	27	10.5			
H181161		1.7	0.3	24	5.4			
H181162		2.3	0.4	23	5.5			
H181163		2.2	0.1	57	2.7			
H181164		2.5	0.3	35	6.3			
H181165		2.0	0.1	33	31.5			
H181166		2.4	1.2	29	14.0			
H181167		1.6	0.6	24	15.3			
H181168		1.7	0.4	31	8.3			
H181169		1.6	0.3	66	9.7			
H181170		2.3	0.6	35	15.3			
H181171		1.8	1.3	25	10.8		92.0	140.5
H181172		1.7	1.3	17	18.9		48.1	198.5
H181173		0.9	27.9	131	22.9			
H181174		0.5	27.9	133	33.9			
H181175		0.7	1.9	24	20.8		149.5	388
H181176		7.4	0.5	64	26.0	2.890		
H181177		0.8	2.6	26	27.2		266	394
H181178		0.7	27.7	106	59.3			

**** See Appendix Page for comments regarding this certificate ****



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 CORPORATION
 195 PARK AVE
 THUNDER BAY ON P7B 1B9

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Project: COB- ZIG

CERTIFICATE OF ANALYSIS TB11011392

Sample Description	Method Analyte Units LOR	WEI- 21	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
		Recvd Wt. kg	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %
H181179		3.47	0.09	8.02	0.4	140	3.17	0.13	7.45	0.10	10.45	45.8	136	11.55	115.5	8.39
H181180		1.91	0.28	6.99	0.7	100	213	0.47	2.52	0.06	2.40	6.9	19	108.5	64.3	1.50
H181181		3.81	0.11	8.16	0.8	140	2.27	0.15	7.01	0.14	11.20	45.2	100	3.97	149.0	8.72
H181182		3.86	0.10	8.46	0.6	120	1.22	0.21	7.73	0.28	11.40	46.6	113	11.80	105.0	9.19
H181183		1.72	0.11	6.79	1.7	60	190.0	1.22	0.89	0.11	0.40	2.6	11	318	5.7	0.64
H181184		1.69	0.01	6.43	1.1	100	128.0	5.98	0.67	0.09	0.19	0.9	14	318	1.7	0.55
H181185		1.59	0.04	7.54	1.0	100	105.5	0.50	0.59	0.10	0.17	0.6	10	>500	1.4	0.64
H181186		1.58	<0.01	6.63	0.7	70	85.7	2.45	0.55	0.18	0.16	0.3	8	>500	1.7	0.45
H181187		1.61	<0.01	6.87	0.8	50	197.5	1.83	0.55	0.05	0.14	0.3	7	359	1.5	0.69
H181188		1.78	0.01	6.83	0.5	60	167.5	0.69	0.90	0.11	0.21	0.5	10	368	1.4	0.68
H181189		1.68	0.01	6.83	0.5	70	165.5	3.76	0.82	0.12	0.16	0.3	10	406	0.9	0.61
H181190		1.82	0.01	7.19	0.6	60	105.0	0.73	1.25	0.11	0.93	3.3	12	188.5	7.6	0.96
H181191		1.83	0.03	7.07	0.4	140	100.5	0.91	1.14	0.12	1.31	3.6	15	442	15.2	1.13
H181192		1.66	0.03	6.92	0.7	140	72.4	1.37	0.42	0.06	0.11	0.3	7	>500	1.4	0.32
H181193		1.64	<0.01	6.34	0.5	160	220	0.36	0.46	0.10	0.10	0.3	8	387	2.5	0.43
H181194		1.23	0.02	7.67	0.8	50	118.0	0.86	1.36	0.21	1.75	7.3	20	44.5	6.6	1.70
H181195		3.61	0.13	8.08	0.5	130	2.19	0.21	8.02	0.22	11.05	47.8	80	13.65	157.5	8.96
H181196		2.22	0.10	7.16	2.6	10	148.5	0.77	0.66	0.20	0.45	0.9	9	181.0	2.7	0.42
H181197		3.86	0.09	7.80	4.8	50	1.85	0.17	6.96	0.17	10.15	46.4	69	228	108.5	9.67
H181198		3.58	0.10	7.41	<0.2	50	1.14	0.08	6.72	0.14	9.13	50.0	67	15.75	112.5	9.90
H181199		1.69	0.08	7.10	1.6	30	50.1	0.15	0.34	0.10	0.43	1.4	7	215	10.0	0.74
H181200		1.69	0.06	6.75	0.7	40	178.0	0.21	0.23	0.06	0.18	0.6	9	187.0	3.3	0.59

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Project: COB- ZIG

CERTIFICATE OF ANALYSIS TB11011392

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	
		Ga ppm 0.05	Ge ppm 0.05	Hf ppm 0.1	In ppm 0.005	K % 0.01	La ppm 0.5	Li ppm 0.2	Mg % 0.01	Mn ppm 5	Mo ppm 0.05	Na % 0.01	Nb ppm 0.1	Ni ppm 0.2	P ppm 10	Pb ppm 0.5
H181179		19.50	0.19	0.7	0.073	0.65	4.5	296	3.60	2030	0.19	1.64	3.6	109.5	370	3.0
H181180		56.4	0.11	1.2	0.021	1.46	1.1	3230	0.60	381	0.09	2.58	94.4	13.1	1740	6.2
H181181		19.70	0.20	0.8	0.078	0.65	5.1	301	3.73	2020	0.31	1.79	4.1	93.2	410	6.7
H181182		19.25	0.21	0.8	0.097	0.58	5.1	434	3.36	1960	0.28	1.65	3.6	101.0	390	11.1
H181183		54.8	0.09	1.7	<0.005	2.78	<0.5	3030	0.11	269	0.07	2.39	63.7	4.7	1920	3.3
H181184		55.7	0.09	1.2	<0.005	2.94	<0.5	5250	0.04	245	0.07	1.25	37.7	1.7	1500	3.0
H181185		54.7	0.10	1.4	<0.005	5.00	<0.5	5170	0.03	218	0.08	1.49	36.9	1.3	1910	4.3
H181186		43.4	0.10	1.1	<0.005	4.86	<0.5	3070	0.02	266	0.07	1.34	33.4	1.0	2010	5.3
H181187		68.9	0.08	0.5	<0.005	3.14	<0.5	4950	0.03	472	0.08	1.60	67.9	0.7	2450	3.1
H181188		66.2	0.10	0.7	<0.005	2.88	<0.5	6320	0.04	363	0.08	0.99	41.6	0.9	1680	3.3
H181189		59.8	0.08	0.4	<0.005	3.20	<0.5	4810	0.04	298	0.23	1.21	43.3	1.1	1330	3.4
H181190		63.9	0.08	1.0	<0.005	1.45	<0.5	5180	0.18	428	0.10	2.56	61.9	6.6	1510	3.0
H181191		49.5	0.11	0.7	<0.005	4.06	0.6	2750	0.22	365	0.11	1.59	33.4	7.5	1240	6.7
H181192		36.8	0.09	1.4	<0.005	5.31	<0.5	1450	0.02	138	0.09	2.20	44.2	0.7	1560	5.6
H181193		42.4	0.08	1.1	<0.005	3.24	<0.5	1250	0.04	142	0.06	2.66	59.0	0.6	1420	3.5
H181194		49.4	0.09	2.6	0.006	0.50	0.8	361	0.38	476	0.13	5.52	85.9	14.7	2850	7.2
H181195		18.05	0.23	0.8	0.087	0.61	4.9	258	2.90	1980	0.26	1.96	4.3	78.5	510	7.6
H181196		42.5	0.08	3.5	<0.005	0.64	<0.5	127.5	0.06	305	0.07	5.64	145.5	2.1	3380	5.5
H181197		16.60	0.20	1.0	0.079	0.40	4.4	331	3.94	1640	0.42	1.38	3.5	83.5	390	1.5
H181198		16.85	0.22	1.0	0.075	0.37	3.8	720	4.51	1810	0.23	1.31	3.7	115.0	380	1.9
H181199		61.4	0.09	1.2	<0.005	3.27	<0.5	8400	0.07	335	0.07	1.43	30.3	1.9	740	4.7
H181200		53.6	0.09	1.2	<0.005	3.50	<0.5	5290	0.04	318	0.07	1.74	55.7	1.3	920	4.0

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CERTIFICATE OF ANALYSIS TB11011392

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61	ME- MS61
		Rb ppm 0.1	Re ppm 0.002	S % 0.01	Sb ppm 0.05	Sc ppm 0.1	Se ppm 1	Sn ppm 0.2	Sr ppm 0.2	Ta ppm 0.05	Te ppm 0.05	Th ppm 0.2	Ti % 0.005	Ti ppm 0.02	U ppm 0.1	V ppm 1
H181179		118.5	0.002	0.07	0.50	37.6	2	22.2	142.0	0.75	0.06	0.5	0.597	0.54	0.2	288
H181180		1370	<0.002	0.03	0.29	2.2	1	82.7	34.8	69.0	<0.05	3.7	0.040	9.34	2.6	21
H181181		100.5	0.002	0.15	0.70	40.2	2	17.6	135.0	0.65	0.07	0.5	0.641	0.31	0.3	306
H181182		74.7	0.002	0.08	0.56	40.3	2	10.2	141.0	0.37	0.08	0.5	0.666	0.27	0.1	320
H181183		3000	<0.002	<0.01	0.33	1.4	1	68.2	35.0	75.2	<0.05	1.5	0.025	17.85	2.3	12
H181184		3010	<0.002	<0.01	0.51	0.3	1	64.6	61.2	52.1	<0.05	0.8	<0.005	18.00	1.9	1
H181185		4940	<0.002	<0.01	0.54	0.2	1	49.8	60.9	70.8	<0.05	0.6	<0.005	29.8	2.2	<1
H181186		4910	<0.002	<0.01	0.62	0.2	1	49.0	30.9	46.2	<0.05	1.0	<0.005	29.7	2.6	1
H181187		3350	<0.002	<0.01	0.52	0.3	1	97.6	23.2	62.3	<0.05	1.6	<0.005	19.50	3.2	<1
H181188		2920	<0.002	<0.01	0.56	0.3	1	89.9	24.6	52.0	<0.05	0.5	<0.005	16.05	1.6	1
H181189		3680	<0.002	<0.01	0.65	0.2	1	79.2	28.8	44.8	<0.05	0.7	<0.005	21.7	1.4	1
H181190		1530	<0.002	<0.01	0.55	1.7	1	76.2	38.0	65.0	<0.05	2.3	0.040	8.67	3.0	15
H181191		4010	<0.002	<0.01	0.48	2.0	1	55.5	75.6	59.7	<0.05	1.1	0.051	24.3	1.7	20
H181192		6160	<0.002	<0.01	0.51	0.1	1	20.1	47.0	>100	<0.05	0.9	<0.005	40.2	2.9	<1
H181193		3470	<0.002	<0.01	0.37	0.1	1	38.2	52.8	>100	<0.05	2.0	<0.005	20.0	3.1	1
H181194		303	<0.002	0.01	0.30	6.5	1	36.1	40.8	>100	<0.05	2.8	0.107	1.38	5.9	51
H181195		80.4	0.002	0.18	0.41	40.4	2	22.0	134.5	1.35	0.10	0.5	0.672	0.27	0.2	322
H181196		1780	<0.002	<0.01	1.96	0.9	1	53.0	22.9	>100	<0.05	0.9	0.010	9.90	3.5	5
H181197		530	0.002	0.10	5.20	39.8	2	4.2	116.5	0.80	0.07	0.5	0.642	4.33	0.2	315
H181198		92.5	0.002	0.08	0.41	36.6	2	5.0	117.0	1.11	0.07	0.5	0.631	0.74	0.2	303
H181199		3200	<0.002	<0.01	0.63	0.5	1	88.3	15.0	20.8	<0.05	1.3	0.007	19.05	2.0	3
H181200		3340	<0.002	<0.01	0.51	0.3	1	75.1	15.0	21.7	<0.05	1.7	<0.005	18.80	3.3	1

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CERTIFICATE OF ANALYSIS TB11011392

Sample Description	Method Analyte Units LOR	ME- MS61	ME- MS61	ME- MS61	ME- MS61	LI- OGG3	ME- MS81	ME- MS81
		W ppm 0.1	Y ppm 0.1	Zn ppm 2	Zr ppm 0.5	Li % 0.005	Cs ppm 0.01	Ta ppm 0.1
H181179		1.5	23.3	106	15.0			
H181180		2.3	3.8	34	12.2			
H181181		2.0	24.6	124	20.1			
H181182		1.2	25.1	216	18.7			
H181183		2.5	1.1	39	7.5			
H181184		2.0	0.7	32	4.3			
H181185		1.6	0.9	22	7.4		506	101.5
H181186		1.7	1.0	23	5.2		500	71.9
H181187		4.1	1.1	57	3.2			
H181188		2.9	1.7	46	3.7			
H181189		2.6	0.8	45	2.2			
H181190		2.2	1.4	37	11.3			
H181191		1.8	2.2	34	10.2			
H181192		0.9	0.2	10	6.2		775	180.5
H181193		1.8	0.3	19	5.8		415	128.5
H181194		2.3	4.2	54	21.4		50.3	126.5
H181195		1.8	24.9	151	20.3			
H181196		1.7	0.7	40	14.4		202	341
H181197		0.7	24.6	121	28.0			
H181198		0.3	23.1	114	26.2			
H181199		1.4	0.5	34	10.5			
H181200		2.3	0.6	36	11.7			

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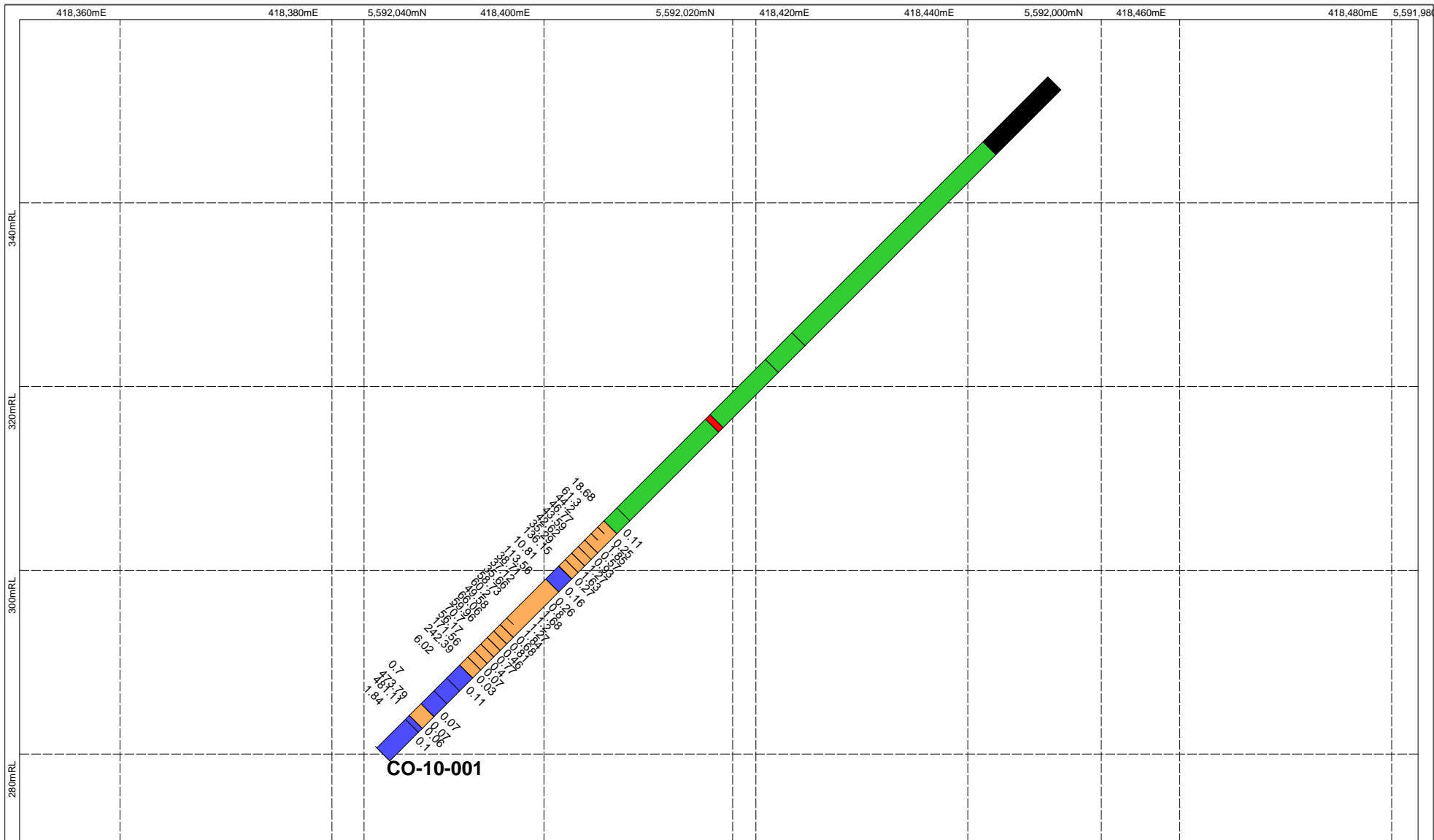
CERTIFICATE OF ANALYSIS TB11011392

Method	CERTIFICATE COMMENTS
ME- MS61	REE's may not be totally soluble in this method.

Appendix IV – Drillhole Sections

See attached Drill Sections

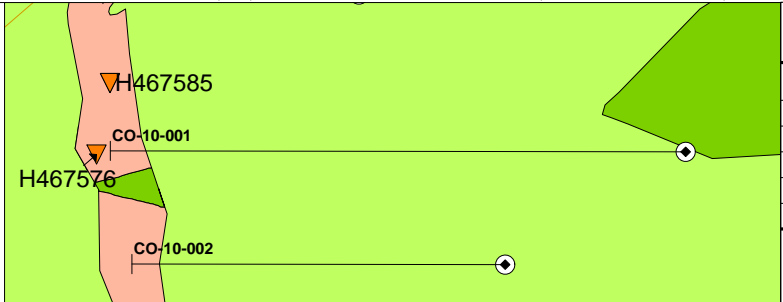
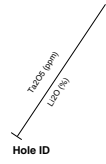




CO-10-001

Legend

- 4 Quartz veining
- 3 Spodumene-bearing pegmatite
- 2 Metaintrusive rock
- 1 Metavolcanic rock
- Casing/Overburden
- Foliation measurement
- Bedding measurement
- MDI Showing
- Fall 2009 Program Grab Samples (with anomalous Li & Ta results)
- Fall 2009 Program Soil Samples
- Road
- Contour Line
- Property Boundary
- Water Body
- Wetland/Muskeg

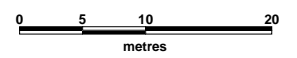


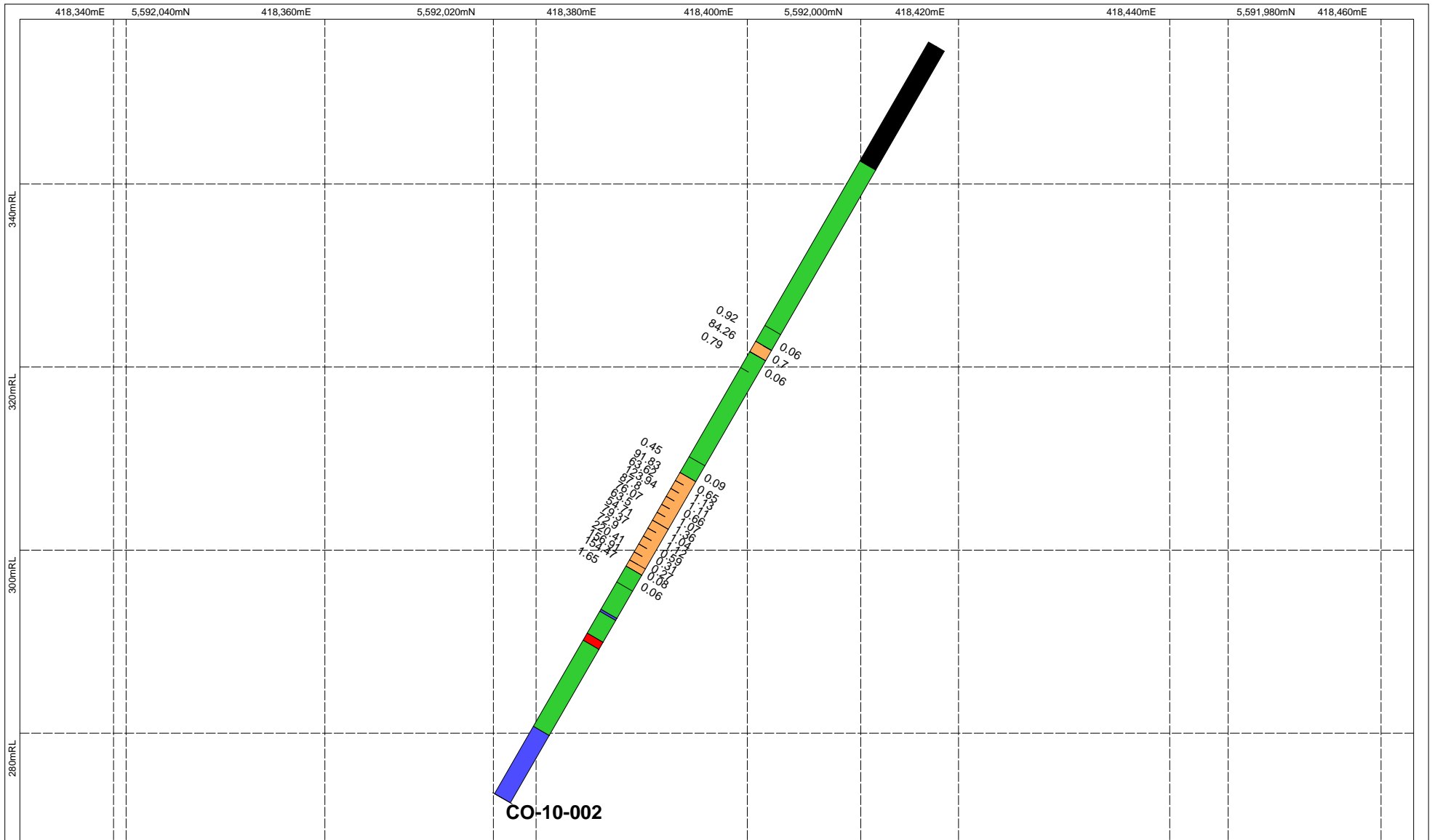
Fladgate Exploration
consulting corporation

Date: 21/03/2011
Author: A. Henderson
Office: T. Bay
Drawing: N/A
Scale: 1:800
Projection: UTM Zone 16 (NAD 83)

Canadian Orebodies
Falcon Lake Property

2010 Drill Program
CO-10-001





Appendix V – Detailed Drill Logs

See attached Drill Logs
(printed on Legal size paper)



Hole Number **CO-10-001**

Project: **ARMSTRONG**

Project Number: **001**

Drilling	Casing	Core	Location	Other
Azimuth: 300	Length: 0	Dimension: BTW	Township: FALCON LA	Logged by: Stephanie Vanos
Dip: -60	Pulled: no	Storage: Thunder Bay	Claim No.:	Relog by:
Length: 103.3	Capped: yes	Section:	NTS: 052I08	Contractor: Rugged Aviation Inc.
Started: 17-Dec-10	Cemented: no	Hole Type DD	Hole: SURFACE	Spotted by: Avery Henderson
Completed: 19-Jan-11				Surveyed:
Logged: 11-Jan-11				Surveyed by:
Comment:				Geophysics: None
		Coordinate - Gemcom	Coordinate - UTM	Geophysic Contractor:
		East: 418449	East: 418449	Left in hole: Nothing
		North: 5592004	North: 5592004	Making water: no
		Elev.: 353	Elev.: 353	Multi shot survey: no
			Zone: 16 NAD: NAD83	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	300.00	-45.00	C	<input checked="" type="checkbox"/>	

LITHOLOGY REPORT
- Detailed -

Hole Number **CO-10-001**

Project: **ARMSTRONG**

Project Number: **001**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>LiO2</i> (%)	<i>Ta2O5</i> (ppm)
0.00	10.00	CS Overburden/Casing Overburden/Casing						
10.00	39.40	MV Mafic Metavolcanic Dark green, fine grained, moderately foliated mafic metavolcanic, chloritized, foliation on average 35 deg TCA. 30% pinkish qtz-carb veins and vientes with chl alteration from 1mm to 3cm in size, orientation tends to be parallel to foliation. Trace blebby po-cpy-py associated with qtz veins, thin zone of more highly altered material associated with qtz veins near the end of the interval has increased chl alteration along with fine grained black material.						
39.40	43.50	MV Mafic Metavolcanic Altered; Black, massive, recrystallized metavolcanics with ~40% randomly oriented blobs, stringers, streaks, disseminations and minor stockworks of pyrrhotite-chalcopyrite bearing quartz-carbonate; interfingering with less altered foliated mafic metavolcanics. black sections possibly actinolite? contain thin laith-like to platy black crystals 1 mm wide and up to 4mm long. Up to 25% pyrrhotite locally, in blebs associated with the quartz-carbonate. Contacts are sharp, with an irregular upper contact and a lower contact parallel to foliation.						
43.50	52.00	MV Mafic Metavolcanic dark green, fine grained mafic metavolcanic, chloritized, stronger foliation than previous on average 35 deg TCA, with less qtz-carb veining, trace up to 10% locally bleby po-cpy-py associated with qtz-carb						

Hole Number **CO-10-001**

Project: **ARMSTRONG**

Project Number: **001**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>LiO2</i> (%)	<i>Ta2O5</i> (ppm)
		vienlets, sharp upper and lower contacts.						
52.00	52.70	QTZ <i>Quartz Vein</i> Qtz-Carb vein; pinkish massive qtz vein with carbonate infilling fractures along with minor chl flecks, salmon pink (k-spar?) found in upper part of interval, ranges from 1mm to 3cm anhedral to sub-hedral, small offwhite albite xls crowd lower contact along with ribbons of chlorite.						
52.70	68.35	MV <i>Mafic Metavolcanic</i> dark green, streaky, fine grained, moderately foliated mafic metavolcanics, chloritized, with possible pillow selvages. Streaked with greyish foliation-parallel quartz-carbonate-sericite-feldspar. Fractures (both foliation parallel and cutting foliation) often filled with quartz-carbonate and surrounded with greyish haloes. Also occasional quartz-carbonate veinlets up to 3 cm in width, with associated sericite and chlorite +/- minor pyrite, pyrrhotite. Core is non-magnetic except where there is significant pyrrhotite (usually <1%, but up to 4% in patches). Contact with underlying pegmatite is sharp and slightly undulating	H181151	66.35	68.35	2.00	0.11	18.68
		Structure Maj.:						
		Type/Core Angle						
		Comment						
		55.00 - 55.00						
		FOL 23						
		58.80 - 58.80						
		JNTS 25						
		59.90 - 59.90						
		FOL 28						

LITHOLOGY REPORT
- Detailed -

Hole Number **CO-10-001**

Project: **ARMSTRONG**

Project Number: **001**

<i>From (m)</i>	<i>To (m)</i>	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>LiO2 (%)</i>	<i>Ta2O5 (ppm)</i>
68.35	75.30	PEG Pegmatite Pink-grey-blue-green very coarse grained pegmatite, generally phaneritic with local graphic textures. Qtz-ab-Kspar-Muscovite-spodumene with minor tourmaline and beryl. Contains kspar megacrysts to 50 cm, enclosing euhedral to graphic smokey-grey quartz crystals to 2 cm. Spodumene is light green blue, with wide size variation from ~1 mm to 8 cm. Spodumene content is very variable, ranging from 0% near top contact and within kspar megacrysts, up to 40%, with an average of ~ 20% over the entire interval. Spodumene crystals also overgrow euhedral quartz crystals. pegmatite margins are spodumine poor, with minor grain size reduction at contacts.	H181152	68.35	69.30	0.95	0.25	61.30
			H181153	69.30	70.30	1.00	1.85	44.20
			H181154	70.30	71.30	1.00	0.57	67.16
			H181155	71.30	72.30	1.00	0.93	43.59
			H181156	72.30	73.30	1.00	1.27	42.62
			H181157	73.30	74.30	1.00	1.63	35.29
			H181158	74.30	75.30	1.00	0.27	136.15
75.30	77.30	MT Mafic Metaintrusive dark green with white, fine to medium grained gabbro, relatively fresh and moderately foliated. Mineralogy primarily plagioclase + cpx, crystals of cpx up to 3 mm with aphanitic interstitial plagioclase. Some very minor foliation cutting carbonate-filled jointing, with minor associated calcite alteration. Contacts with pegmatite are relatively sharp and roughly foliation parallel, trace fine grained py disseminated throughout. Slightly magnetic in places	H181159	75.30	77.30	2.00	0.16	10.81
		Structure Maj.:	Type/Core Angle	Comment				
		77.00 - 77.00	FOL 55					

LITHOLOGY REPORT
- Detailed -

Hole Number **CO-10-001**

Project: **ARMSTRONG**

Project Number: **001**

<i>From</i> <i>(m)</i>	<i>To</i> <i>(m)</i>	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>LiO2</i> <i>(%)</i>	<i>Ta2O5</i> <i>(ppm)</i>
77.30	90.55	PEG Pegmatite similar to previous pegmatite interval, however the grain size appears slightly reduced overall. Minerals present are again qtz-ab-kspars-musc-spodumine-tourmaline and beryl but an increase in qtz and decrease in k-spar content is observed. kspars megacrysts up to 30cm, weak foliation defined by alignment of spodumine crystals at ~ 45 deg tca shows well from 79 to 83m. spodumine content is ~ 20% overall with local concentrations up to 40%, the margins are again spodumine poor, with a slight grain size reduction.	H181160	77.30	78.30	1.00	0.26	113.56
			H181161	78.30	79.30	1.00	0.80	38.71
			H181162	79.30	80.30	1.00	1.68	37.12
			H181163	80.30	81.30	1.00	1.20	35.66
			H181164	81.30	82.30	1.00	1.27	58.73
			H181165	82.30	83.30	1.00	1.84	60.20
			H181166	83.30	84.30	1.00	0.68	49.58
			H181167	84.30	85.30	1.00	0.81	66.06
			H181168	85.30	86.30	1.00	0.46	59.96
			H181169	86.30	87.30	1.00	0.77	70.70
			H181170	87.30	88.30	1.00	0.40	56.17
			H181171	88.30	89.30	1.00	0.07	171.56
			H181172	89.30	90.55	1.25	0.03	242.39
		Structure Maj.: Type/Core Angle Comment 80.50 - 80.50 FOL 45						
90.55	96.50	MT Mafic Metaintrusive dark green, fine to medium grained, moderately foliated gabbro, rounded cpx crystals with platy chl replacing amph, trace pyrite specks disseminated throughout. From 95.7 to 95.85 massive black aphanitic dyke with chilled margins	H181173	90.55	92.55	2.00	0.11	6.02
			H181174	94.50	96.50	2.00	0.07	0.70
		Structure Maj.: Type/Core Angle Comment 93.20 - 93.20 FOL 33						
96.50	98.30	PEG Pegmatite qtz-plag rich pegmatites with minor k-spar-musc-chl-epidote, no spodumine observed, phaneritic with no preferential orientation of crystals, grain size reduction at contacts along which there are 3cm wide bands of black and grey strongly foliated material.	H181175	96.50	97.50	1.00	0.07	473.79
			H181177	97.50	98.30	0.80	0.06	481.11

Hole Number **CO-10-001**

Project: **ARMSTRONG**

Project Number: **001**

<i>From</i> <i>(m)</i>	<i>To</i> <i>(m)</i>	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>LiO2</i> <i>(%)</i>	<i>Ta2O5</i> <i>(ppm)</i>
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98.30	98.90	MT Mafic Metaintrusive Black aphanitic dyke with chilled margins, very similar to the one observed from 95.7-95.85. Contact with over- and underlying units is roughly foliation parallel.						
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98.90	103.00	MT Mafic Metaintrusive Dark green fine-medium grain moderately foliated gabbro; grain size increases with depth. Relatively fresh, mainly cpx+plag with more plagioclase than other intrusions. Minor magnetic pyrrhotite, up to ~2%. A few minor Qtz-carb. Veinlets generally cutting foliation, generally without any surrounding alteration. Unit is very competent with few joints	H181178	98.30	100.30	2.00	0.10	1.84
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<i>Structure Maj.:</i>	<i>Type/Core Angle</i>	<i>Comment</i>
99.20 - 99.20	FOL 18	
99.80 - 99.80	FOL 38	
103.00 - 103.00	FOL 39	

Hole Number **CO-10-002**

Project: **ARMSTRONG**

Project Number: **001**

Drilling	Casing	Core	Location	Other
Azimuth: 300	Length: 0	Dimension: BTW	Township: FALCON LA	Logged by: Stephanie Vanos
Dip: -60	Pulled: no	Storage: Thunder Bay	Claim No.:	Relog by:
Length: 94.75	Capped: yes	Section:	NTS: 052I08	Contractor: Rugged Aviation Inc.
Started: 20-Dec-10	Cemented: no	Hole Type DD	Hole: SURFACE	Spotted by: Avery Henderson
Completed: 21-Dec-10				Surveyed:
Logged: 12-Jan-11				Surveyed by:
Comment:				Geophysics: None
		Coordinate - Gemcom	Coordinate - UTM	Geophysic Contractor:
		East: 418422	East: 418422	Left in hole: Nothing
		North: 5592003	North: 5592003	Making water: no
		Elev.: 355	Elev.: 355	Multi shot survey: no
			Zone: 16 NAD: NAD83	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	300.00	-60.00	C	<input checked="" type="checkbox"/>	

LITHOLOGY REPORT
- Detailed -

Hole Number **CO-10-002**

Project: **ARMSTRONG**

Project Number: **001**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>LiO2</i> (%)	<i>Ta2O5</i> (ppm)
0.00	15.00	CS Overburden/Casing overburden/Casing						
15.00	37.75	MV Mafic Metavolcanic moderately foliated fine grained dark greenish-grey mafic metavolcanics with moderately abundant qtz-carb stringers and veinlets ranging in size from 1mm to 5cm. Near the top of the hole the larger veinlets tend to be more carbonate rich and vuggy. possible pillow selvages observed. foliation on average 30 deg tca. sharp lower contact with pegmatite	H181179	35.75	37.75	2.00	0.06	0.92
37.75	39.05	PEG Pegmatite pink, grey and green phaneritic granitic pegmatite. Mainly qtz-kspar with spodumine-muscovite and possible tourmaline. Spodumine tends to only be present near the centre of the interval, light greenish crystals up to 7cm long and 4cm wide make up ~10% of the interval. contacts are sharp with slight grain-size reduction along contacts. @38.5-38.8 meters the pegmatite crumbles into fault gouge.	H181180	37.75	39.05	1.30	0.70	84.26
39.05	54.30	MV Mafic Metavolcanic dark greenish grey, fine grained moderately foliated on average 25 deg tca. 30% qtz-carb veinlets and fracture infilling, 2 generations of veinlets, older generation up to 3cm wide, generally oriented parallel to foliation and many contain chl alteration, younger generation tend to x-cut foliation are on average only 2-3mm thick and have are oriented 140 deg tca. Possible pillow selvages. trace amounts of blebby po-cpy associated with qtz veins.	H181181 H181182	39.05 52.30	41.05 54.30	2.00 2.00	0.06 0.09	0.79 0.45

LITHOLOGY REPORT
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Hole Number **CO-10-002**

Project: **ARMSTRONG**

Project Number: **001**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>LiO2</i> (%)	<i>Ta2O5</i> (ppm)
54.30	66.10	PEG <i>Pegmatite</i> very coarse grained pink, grey and green granitic pegmatite, qtz-ab-kspars with musc, spodumine, beryl, and possibly minor chl, epidote and tourmaline. K-spar megacrysts up to 40cm wide. Spodumine makes up ~ 15-20% of interval (locally up to 30%) light green crystals are generally around 3cm wide but up to 10cm. upper contact is spodumine poor. @ 61.5 and again at 63.2 thin black aphanitic dykes are observed with greenish chilled margins	H181183	54.30	55.30	1.00	0.65	91.83
			H181184	55.30	56.30	1.00	1.13	63.62
			H181185	56.30	57.30	1.00	1.11	123.94
			H181186	57.30	58.30	1.00	0.66	87.80
			H181187	58.30	59.30	1.00	1.07	76.07
			H181188	59.30	60.30	1.00	1.36	63.50
			H181189	60.30	61.30	1.00	1.04	54.71
			H181190	61.30	62.30	1.00	1.12	79.37
			H181191	62.30	63.30	1.00	0.59	72.90
			H181192	63.30	64.30	1.00	0.31	220.41
			H181193	64.30	65.30	1.00	0.27	156.91
			H181194	65.30	66.10	0.80	0.08	154.47
66.10	71.55	MV <i>Mafic Metavolcanic</i> Dark green fine grained mafic metavolcanic, moderately foliated, heavily streaked with foliation-parallel grey. Chloritized and in places strongly sericitized, particularly surrounding joints. Contains a number of small (<1 cm) foliation-parallel quartz-carbonate veinlets with significant accessory pyrrhotite+chalcopyrite; however, sulphide content is low (generally <1%).	H181195	66.10	68.10	2.00	0.06	1.63
71.55	71.80	MT <i>Mafic Metaintrusive</i> Small dyke of aphanitic black mafic intrusives, apparently unfoliated. Contacts with surrounding						

Hole Number **CO-10-002**

Project: **ARMSTRONG**

Project Number: **001**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>LiO2</i> (%)	<i>Ta2O5</i> (ppm)
		metavolcanics are sharp, and apparently concordant with a joint direction. Fresh, but contains some tiny calcite-lined fractures						
71.80	74.55	MV <i>Mafic Metavolcanic</i> Dark green grey-streaked fine-grained moderately foliated mafic metavolcanics, same as above.						
74.55	75.45	QTZ <i>Quartz Vein</i> Light pink-grey translucent relatively pure quartz vein, with strings and blotches of chlorite (~3%) and minor (<1%) pyrite and k-spar; the pyrite and k-spar appear to be filling cracks and likely late to post-vein. Contacts with the surrounding metavolcanics are sharp and roughly foliation parallel						
75.45	86.30	MV <i>Mafic Metavolcanic</i> Dark green metavolcanics, moderately foliated, heavily streaked with foliation-parallel grey-brown streaks. Some sections (particularly 75.45-78.6 and 82.9-84.5) are heavily sericite altered, up to 100% in some sections; these areas are usually associated with foliation-parallel stringers of sericite, bright orange k-spar, calcite and pyrite, in places showing euhedral crystals. Percentage of stringers and alteration decreases away from the quartz contact and rock becomes more homogeneous. Apart from the stringers, sulphide content is trace						

Hole Number **CO-10-002**

Project: **ARMSTRONG**

Project Number: **001**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>LiO2</i> (%)	<i>Ta2O5</i> (ppm)
86.30	94.75	MV Mafic Metavolcanic Dark green white-speckled fine-medium grained diabase; white "speckles" are orange in some sections. Moderately foliated. Grain size decreases towards the contact with the overlying metavolcanics, and contact may be gradational. Relatively fresh and homogeneous, with some small foliation parallel or f-cutting veinlets of calcite and ksp. From 94.15-EOH, rock shows significant potassic alteration.						

Hole Number **CO-10-003**

Project: **ARMSTRONG**

Project Number: **001**

Drilling	Casing	Core	Location	Other
Azimuth: 300	Length: 0	Dimension: BTW	Township: FALCON LA	Logged by: Stephanie Vanos
Dip: -60	Pulled: no	Storage: Thunder Bay	Claim No.:	Relog by:
Length: 65	Capped: yes	Section:	NTS: 052I08	Contractor: Rugged Aviation Inc.
Started: 22-Dec-10	Cemented: no	Hole Type DD	Hole: SURFACE	Spotted by: Avery Henderson
Completed: 23-Dec-10				Surveyed:
Logged: 13-Jan-11				Surveyed by:
Comment:				Geophysics: None
		Coordinate - Gemcom	Coordinate - UTM	Geophysic Contractor:
		East: 418423	East: 418423	Left in hole: Nothing
		North: 5592042	North: 5592042	Making water: no
		Elev.: 359	Elev.: 359	Multi shot survey: no
			Zone: 16 NAD: NAD83	

Deviation Tests

<i>Distance</i>	<i>Azimuth</i>	<i>Dip</i>	<i>Type</i>	<i>Good</i>	<i>Comments</i>
0.00	300.00	-60.00	C	<input checked="" type="checkbox"/>	

LITHOLOGY REPORT
- Detailed -

Hole Number **CO-10-003**

Project: **ARMSTRONG**

Project Number: **001**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>LiO2</i> (%)	<i>Ta2O5</i> (ppm)
0.00	2.00	CS <i>Overburden/Casing</i> Overburden/casing						
2.00	3.30	PEG <i>Pegmatite</i> White, Fine-medium grain pegmatite. Consists of greyish quartz crystals and yellow-green muscovite books to 2 cm, along with occasional light orange-pink kspars crystals and abundant small crystals of schorl and a deep-blue amphibole in a groundmass of white cleavelandite. Albite is the most abundant mineral, probably ~65% of the intersect. No spodumene was observed.	H181196	2.00	3.30	1.30	0.03	416.40
3.30	6.30	MT <i>Mafic Metaintrusive</i> Medium-fine grained, dark green homogeneous gabbro; foliation is light at first but increases towards the bottom contact to moderately foliated. Contains a few stringers and fracture-fills of quartz-carbonate. Non-magnetic.	H181197	3.30	5.30	2.00	0.07	0.98
6.30	11.30	MV <i>Mafic Metavolcanic</i> Dark green fine-grained moderately foliated mafic volcanics, with some grey and brown foliation parallel streaks. Appears subtly different from surrounding intrusives but contacts are hard to observe and could potentially be a fine-grained part of the larger intrusive body. Contains numerous f-parallel stringers of quartz-feldspar. Well fractured at 7.6, 10.6 and 11.1						

LITHOLOGY REPORT
- Detailed -

Hole Number **CO-10-003**

Project: **ARMSTRONG**

Project Number: **001**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>LiO2</i> (%)	<i>Ta2O5</i> (ppm)
11.30	39.40	MT <i>Mafic Metaintrusive</i> Dark green, fine-medium grained, moderately foliated gabbro; grain size increases away from the contact, reaching a maximum around 17.3 m. Appearance relatively homogeneous, with some minor sericite alteration surrounding a persistent and common foliation-cutting fracture set. Otherwise fresh. after 19.5m foliation increases in intensity and grain size begins to vary from fine to medium across the interval. below 31.4m thin bands of sericite alteration appear sporadically	H181198	37.40	39.40	2.00	0.16	1.36
39.40	43.40	PEG <i>Pegmatite</i> qtz-ab-k-spar pink green and grey coarse grained granitic pegmatite with light green spodumine up to 10cm long and 4 cm wide, yellowish to greenish muscovite books up to 1cm and mm scale flecks of deep blue amphibole in white ab. Peachy pink Kspar megacrysts get up to 80cm wide. spodumine xls mainly occur near the centre of the pegmatite and make up approx 10% of overall composition (locally up to 60%). contacts are sharp and parallel foliation.	H181199	39.40	40.40	1.00	1.81	25.40
			E450951	40.40	41.40	1.00	0.00	0.24
			E450952	41.40	42.40	1.00	0.23	108.43
			E450953	42.40	43.40	1.00	0.62	130.66
43.40	44.40	MV <i>Mafic Metavolcanic</i> dark greenish grey fine grained foliated (~40 deg tca) mafic metavolcanics with rare qtz infilling fractures. Chl-bio/phlog present. Rare trace py-po grains occur in association with qtz stringers	E450954	43.40	44.40	1.00	0.36	2.63

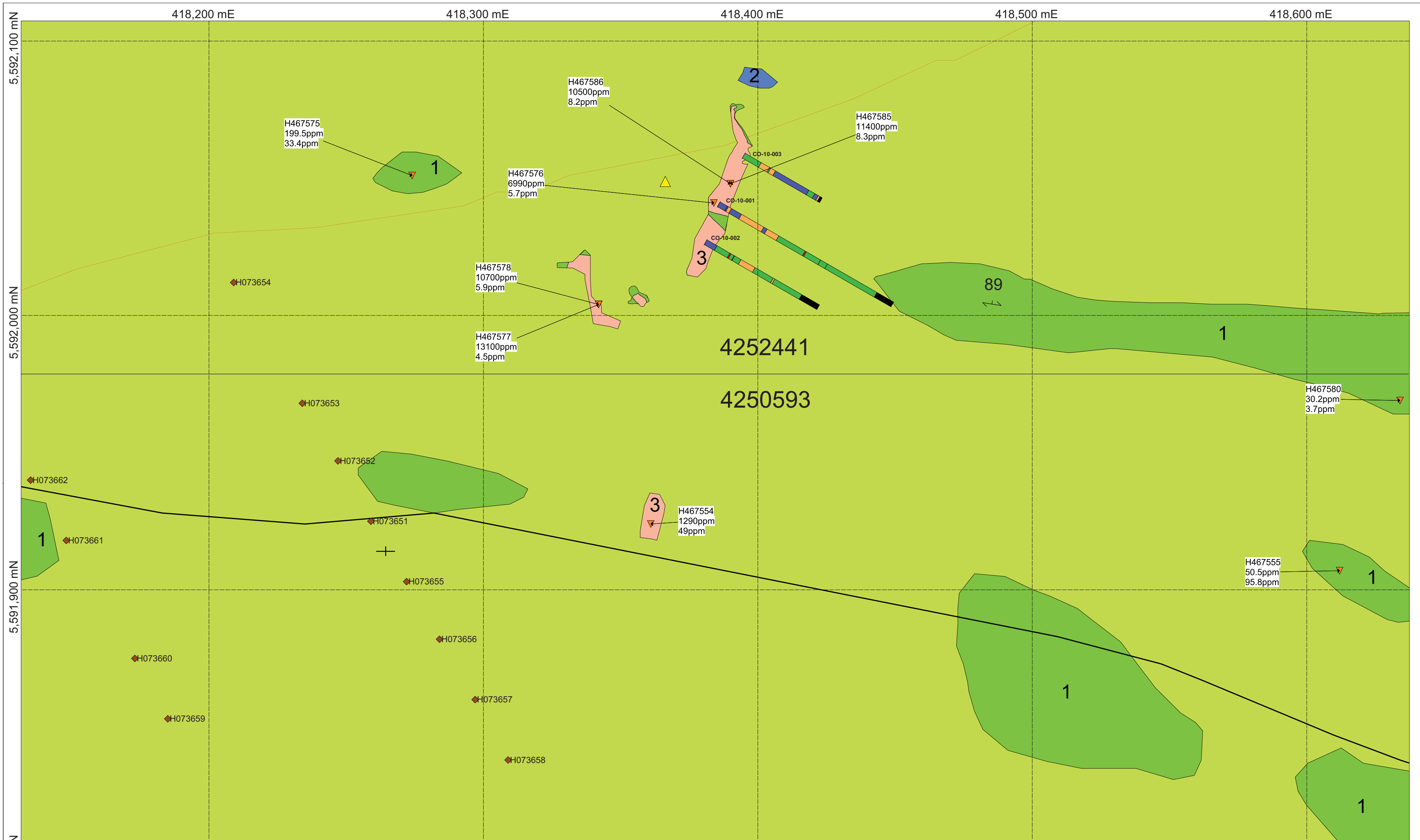
LITHOLOGY REPORT
- Detailed -

Hole Number **CO-10-003**

Project: **ARMSTRONG**

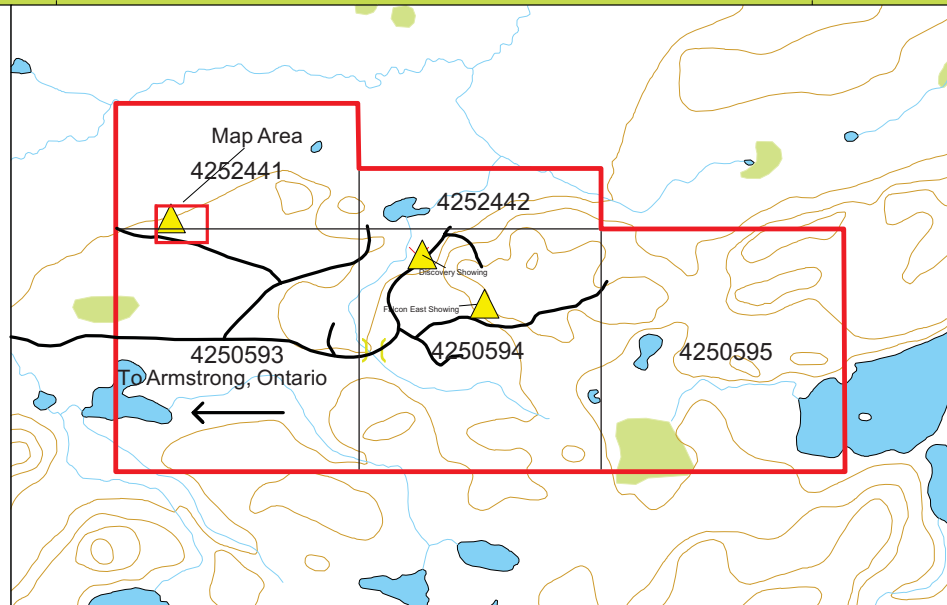
Project Number: **001**

<i>From</i> (m)	<i>To</i> (m)	<i>Lithology</i>	<i>Sample #</i>	<i>From</i>	<i>To</i>	<i>Length</i>	<i>LiO2</i> (%)	<i>Ta2O5</i> (ppm)
44.40	51.40	PEG <i>Pegmatite</i> similar to previous pegmatite interval but with increased qtz and spodumine content. K-spar megacrysts are significantly smaller with the largest being only 10 cm wide. Again the spodumine tends to occur more toward the center of the pegmatite, making up approx 25% composition. crystals show a larger variability in size and are crowded locally giving them a similar appearance to net texture.	E450955	44.40	45.40	1.00	1.35	60.69
			E450956	45.40	46.40	1.00	1.64	60.69
			E450957	46.40	47.40	1.00	2.15	36.51
			E450958	47.40	48.40	1.00	1.62	37.73
			E450959	48.40	49.40	1.00	1.18	42.86
			E450960	49.40	50.40	1.00	1.17	52.63
			E450961	50.40	51.40	1.00	0.13	107.70
51.40	65.00	MV <i>Mafic Metavolcanic</i> fine grained, weakly to moderately foliated, dark greenish grey, with darker grey bands parallel to foliation, very broken up at beginning of interval but becomes more competent around 52.7m. Also around this meterage begin to observe possible sericitized pillow selvages. rare qtz infilling fractures with associated po-py-cpy flecks and blebs occurring frequently in the qtz but making up <1% of the composition of the interval overall	E450962	51.40	53.40	2.00	0.08	2.16



Legend

- | | | |
|-------------------------------------------------------------------|------------------------------------------------------------------------------|--------------------------------------------------------------------|
| ■ 4 Quartz veining | ▲ H467575
10000ppm (Li)
100ppm (Ta) | Fall 2009 Program Grab Samples
(with anomalous Li & Ta results) |
| ■ 3 Spodumene-bearing pegmatite | ◆ H073651 | Fall 2009 Program Soil Samples |
| ■ 2 Metaintrusive rock | | Road |
| ■ 1 Metavolcanic rock | | Contour Line |
| ■ Casing/Overburden | | Property Boundary |
| | | Water Body |
| | | Wetland/Muskeg |
| | | |



Geology modified from British Canadian Lithium Mines, 1956.



Date: 21/03/2010
 Author:
 A. Henderson
 Office: T. Bay
 Drawing: N/A

Canadian Orebodies
 Falcon Lake Property

Falcon West Showing
 2010 Drill Program

Scale: 1:1000

Projection: UTM Zone 16 (NAD 83)

