

# MAR 20070025: BONNY FAULT

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**NORTH AMERICAN GEM INC.**

**2007 SUMMER EXPLORATION OF THE  
BONNY FAULT PROPERTY,  
NORTHEAST ALBERTA**

**PART B & C**

**Metallic and Industrial Mineral Permits**

**9305061017, 9305061018, 9305061041, 9306020551,  
9305061042, 9305061043 and 9307010911**

**Geographic Coordinates**

**59°38' N to 60°00' N  
110°23' W to 110°00' W**

**NTS Sheets**

**74 M/09, M/16**

**Owner and Operator: North American Gem Inc.  
1788 - 650 West Georgia Street Vancouver, BC Canada V6B 4N8**

**Consultant: Dahrouge Geological Consulting Ltd.  
18, 10509 - 81 Avenue  
Edmonton, Alberta T6E 1X7**

**Authors: D. Smith, M.Sc., G.I.T.  
F. Griffith, B.Sc.**

**Date: September 28, 2007**

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## **1. SUMMARY**

Between June 3<sup>rd</sup> 2005 and January 24<sup>th</sup> 2007, North American Gem Inc. acquired 7 Metallic and Industrial Minerals (MAIM) permits, totaling 64,128 ha, located to the west and south of Andrew Lake, Northern Alberta. The Bonny Fault Property included in this report are: MAIM permits 9305061017, 9305061018, 9305061043, 9306020551, 9305061041, 9305061042 and 9307010911.

As of June 2007, Dahrouge Geological Consulting Ltd. has been authorized by North American Gem Inc. to take over consulting duties on the Bonny Fault Property.

Between July 22<sup>nd</sup> and August 5<sup>th</sup>, Dahrouge Geological Consulting Ltd., on behalf of North American Gem Inc., conducted reconnaissance ground radiometric prospecting and sampling of the Bonny Fault Property. Fifty-eight radiometric readings were recorded in addition to one hundred twenty-nine samples taken.

The 2006/2007 exploration work was authorized by Charles Desjardins, President and CEO of North American Gem Inc..

Exploration expenditures for the Bonny Fault permits totalled \$101,337.19 for the summer exploration (Appendix 1). The expenditures were sufficient to maintain the entirety of the property in good standing.

## **2. INTRODUCTION**

The objectives of the 2007 summer exploration program were to ground check historic showings and to locate additional areas of anomalous surface uranium concentrations and alteration associated with sub-unconformity type deposits. Targets generated from a recent airborne radiometric survey were also ground checked. To achieve these objectives, outcrops within the permit area were traversed, radioactivity assessed and samples taken.

## **3. LOCATION AND ACCESS**

The Bonny Fault MAIM permits (Figs. 3.1 and 3.2) are located within National Topographic Map Sheets 74 M/09, M/16. The permit area is bounded by geographic coordinates 59° 38' N to 60°00' N and 110°23' W to 110°00' W.

Andrew Lake is located in the northeastern corner of Alberta, and was used as a base of operations for the 2007 ground work. Fort Chipewyan is the nearest settlement, located approximately 120 kilometers to the southwest, which during the summer months can only be

accessed via aircraft. During the winter, a seasonal road from Fort McMurray extends to the settlement providing an alternate method of access. Several dirt roads and trails extend northward from Fort Chipewyan. The main access to the Bonny Fault Area is via float plane, used for prospecting, or helicopter. Prospecting access is limited by lake size and the subsequent ability of the float plane to safely land and take off. A boat was utilized on several occasions to access areas adjacent to the shoreline.

Vegetation is dominated by Jack pine with Alders and Spruce common. Low lying areas are dominated by muskeg.

#### **4. WORK PERFORMED**

Between July 22<sup>nd</sup> and August 5<sup>th</sup>, Dahrouge Geological Consulting Ltd., on behalf of North American Gem Inc., conducted reconnaissance ground radiometric prospecting and sampling of the Bonny Fault Property. The intent of the prospecting was to locate areas of anomalous surface uranium concentrations and alteration associated with sub-unconformity type deposits.

Fifty-eight radiometric readings were recorded in addition to one hundred twenty-nine samples taken. Samples were sent for analysis to the SRC Geoanalytical Laboratories in Saskatoon, Saskatchewan. Sample locations and radiometric reading locations are presented in Figure 4.1a, b and c. Assay results for the samples are presented in Appendix 3. Appendices 2a and 2b contain descriptions of the samples taken and area of anomalous radioactivity.

#### **5. RESULTS**

The ground prospecting program produced a total of 58 locations of anomalous radioactivity and 129 samples that were sent for analysis. Assays for uranium ranged from < 1 to > 19,000 ppm. Sample locations and assay results can be found in Figures 4.1 and Appendix 3.

#### **6. CONCLUSIONS**

An exploration program consisting of ground radiometric prospecting and sampling were completed over the Bonny Fault Property during the summer of 2007. Exploration focused on locating and confirming historic showings as well as ground checking radiometric anomalies as

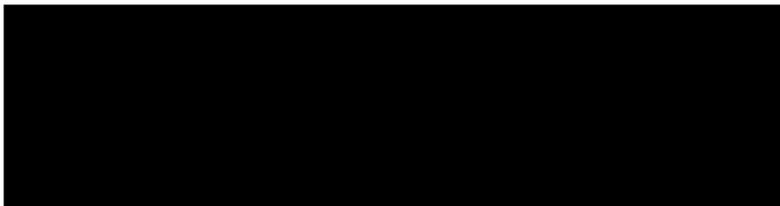
defined by a recent airborne radiometric survey that was flown over the property.

The followup prospecting was successful in locating several historic showings in addition to locating several new ones that warrant future followup. Integration of the ground prospecting data with the airborne geophysics is currently being undertaken to better assess the potential of the property and outline future courses of action for the exploration.

### STATEMENT OF AUTHOR

I, Darren Smith, residing at 403 - 10570-83 Ave, Edmonton, do hereby certify that:

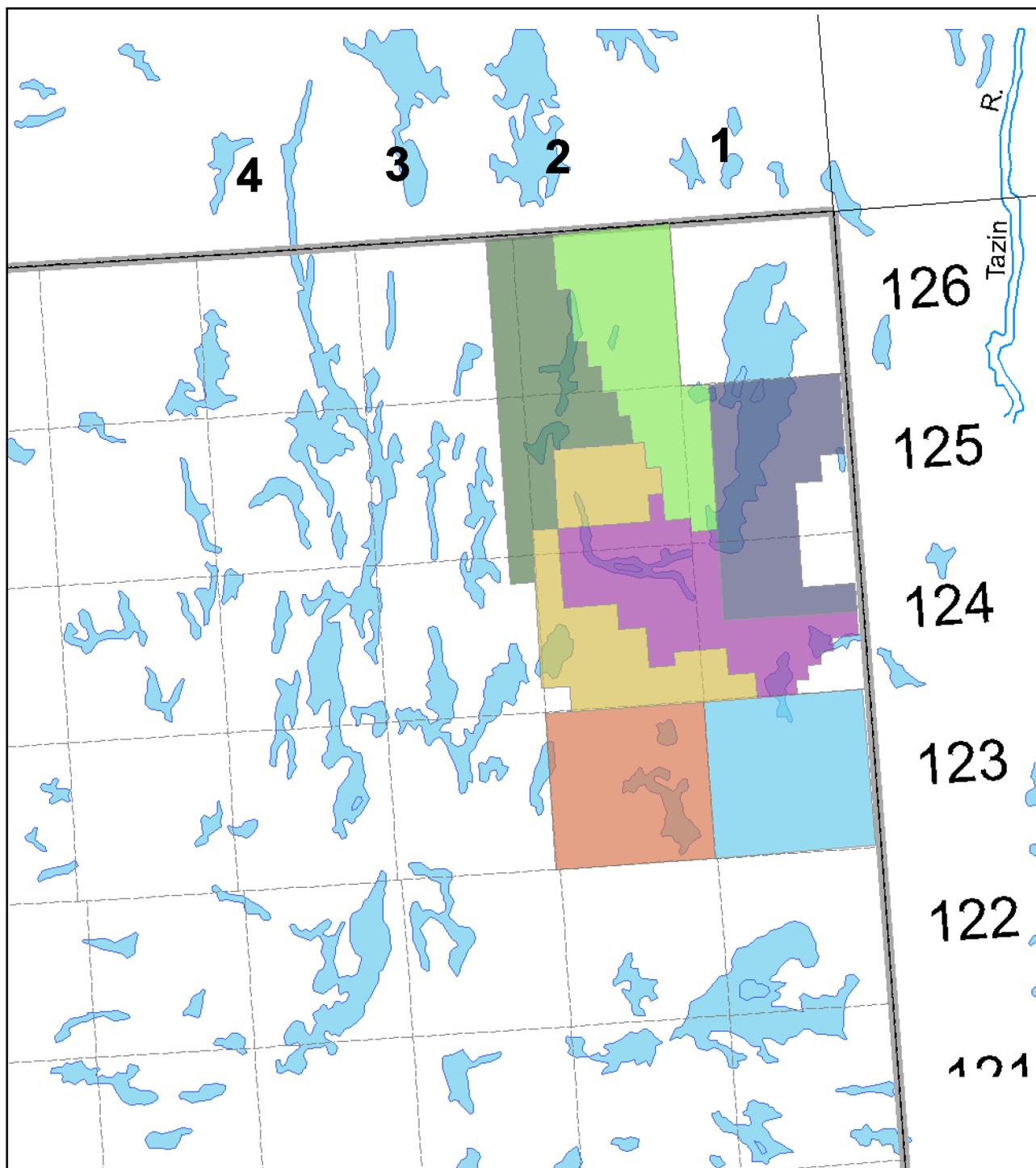
- I am a geologist of Dahrouge Geological Consulting Ltd., Suite 18, 10509 - 81 Ave, Edmonton, Alberta, T6E-1X7.
- I am a graduate of Carleton University, Ottawa, Canada with a B.Sc. in Geology and a M.Sc. in Planetary Sciences
- I have practised my profession as a geologist since graduation in 2004.
- I am a registered professional geologist in training with the Association of Professional Engineers, Geologists and Geophysicists of Alberta, member M87868.
- I hereby consent to the copying or reproduction of this Technical Report after the end of the one-year confidentiality period.
- I am the author of the report entitled "2005 to 2007 Exploration of the Bonny Fault Property, Northeast Alberta" and accept responsibility for the veracity of technical data and results.



Darren Smith, M.Sc., G.I.T.

APEGGA M87868

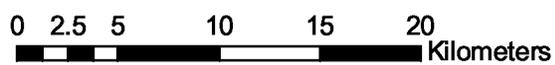


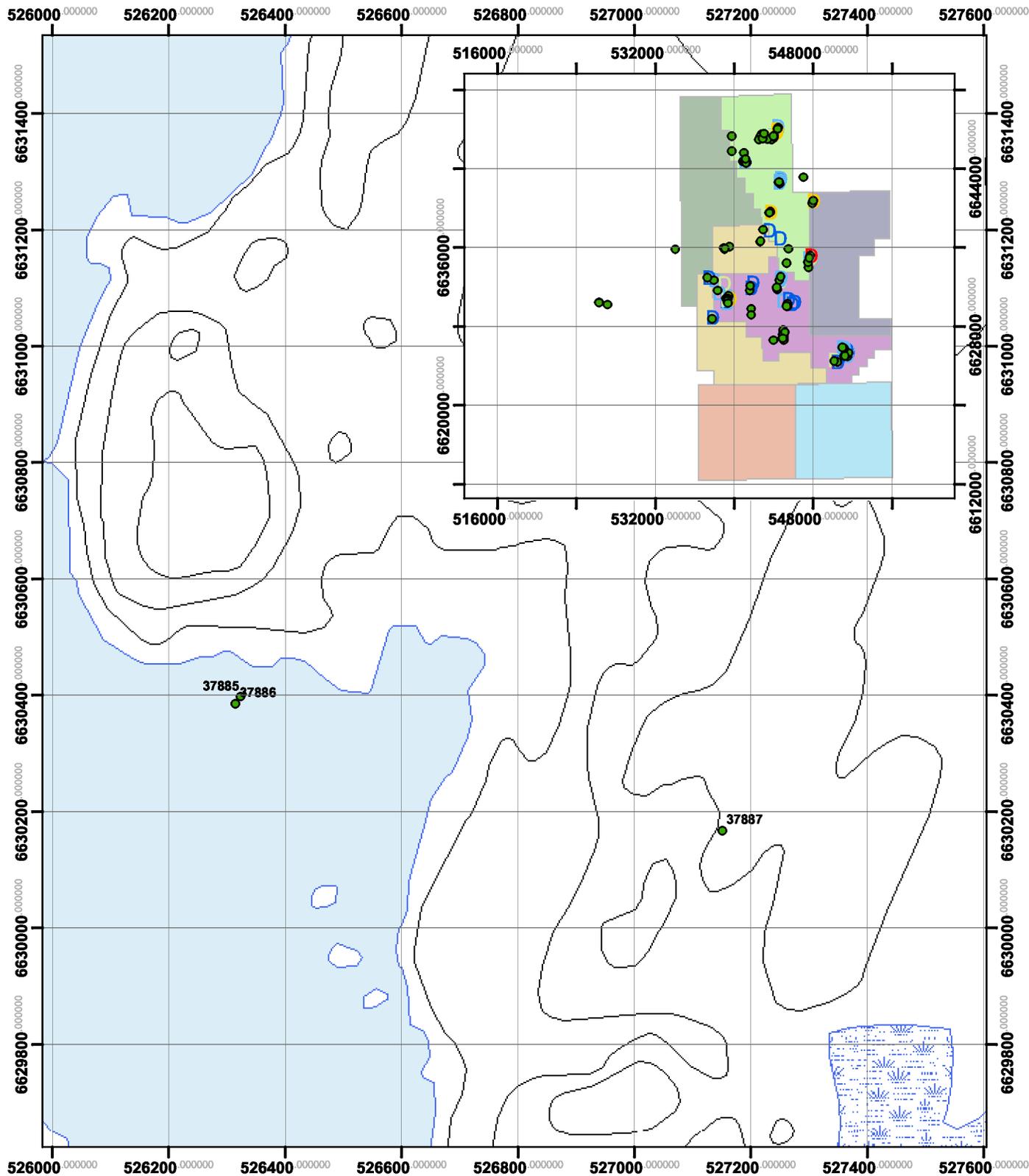


**Legend**

<b>NAG Dispositions</b>		9305061042
<b>MAIM_No</b>		9306020551
		9305061017
		9305061018
		9305061041
		9307010911
		9305061043

NORTH AMERICAN GEM
Dahrouge Geological Consulting Ltd. EDMONTON, ALBERTA
BONNY FAULT PROPERTY, ALBERTA
Fig. 3.2 Property Map
DS <span style="float: right;">2007.09</span>

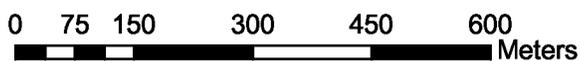




**Legend**

**NAG Dispositions Radiometric Reading Locations**

MAIM_No	CPS - some readings suspect
9305061017	D 100 - 700
9305061018	D 701 - 1400
9305061041	D 1401 - 2700
9305061042	D 2701 - 4400
9306020551	D 4401 - 7500
9307010911	● Sample Locations
9305061043	



<b>FISSION ENERGY CORP.</b>	
Dahrouge Geological Consulting Ltd. EDMONTON, ALBERTA	
BONNY FAULT PROPERTY, ALBERTA	
Fig. 4.1a. Location of Work	
DS	2007.09

**APPENDIX 1:  
MINERAL ASSESSMENT  
EXPENDITURE SUMMARY BY TYPE OF WORK**

**Estimated Expenditure**

**Actual Expenditure**

Project Name: Bonny Fault

Expenditure Period From: July 22<sup>nd</sup> 2007 To: Aug. 19, 2007

TYPE OF WORK	AMOUNT
1. Prospecting	\$ 83,628.74
2. Geological Mapping & Petrography	\$ N/A
3. Geophysical Surveys	\$ N/A
a. Airborne	\$ N/A
b. Ground	\$ N/A
4. Geochemical Surveys	\$ N/A
5. Trenching and Stripping	\$ N/A
6. Drilling	\$ N/A
7. Assaying & whole rock analysis	\$ 4,000
8. Other Work: <u>Plots, Air photos, Maps ect</u>	\$ 4,495.73
<b>SUBTOTAL</b>	<b>\$ 92,124.47</b>
9. Administration (up to 10% of subtotal)	\$ 9,212.47
<b>TOTAL</b>	<b>\$ 101,337.19</b>
<b>Darren Smith</b>	<u>Sept. 28<sup>th</sup>, 2007</u>
SUBMITTED BY	DATE

APPENDIX 2a: 2007 SAMPLE LOCATIONS AND DESCRIPTIONS

NAD 83 Zone 12

Sample	UTM E	UTM N	CPS	Sample_Type	Rock Type	Description	Remarks
37701	539420	6631080	1300	Outcrop grab	Pegmatitic granite		Foliated
37702	539388	6630772	1300	Outcrop grab	Gneiss		Fracture running 280/70° SW
37704	539178	6630804	3600	Rock chip (0.5m )	Pegmatite		
37705	540894	6644705	700	Outcrop grab		Chloritized shear	Shear trends 176°
37713	541042	6645536	N/A	Outcrop grab	Gneiss	Weakly chloritized; minor pegmatite	
37714	545060	6626921	N/A	Rock chip (0.7m )	Quartzite	Biotite selvages	
37715	545060	6626921	N/A	Rock chip (0.5m )	Quartzite		Continuous with sample 37714; sampling west to east
37716	545039	6626902	8000	Outcrop grab		Minor yellow stain	Highest cps in trenches
37717	545024	6626584	N/A	Outcrop grab			
37719	543998	6626563	8000	Outcrop grab	Pegmatite		6m west of 37718
37720	545021	6626887	6000	Outcrop grab	Pegmatite		Small trench. 6000cps with Scintrex; 7000cps with GR110
37721	545031	6627367	2200	Outcrop grab	Pegmatite		Outcrop trends 44°; having 0.4m thickness
37722	545036	6627380	1500	Outcrop grab	Pegmatite		
37723	543619	6639563	N/A	Composite grab (4m)	Pegmatite		
37724	543727	6639657	2500	Outcrop grab			Trench trending @140°
37876	543636	6639588	5000	Rock chip (0-2.2m )	Pegmatite/granite	Granite is foliated	Trench sampling; sampling S to N
37877	543636	6639588	5000	Rock chip (2.2-3.2m )			Trench sampling; continuous with sample 37876
37878	543572	6639500	800	Outcrop grab	Pegmatite	Iron staining	
37880	550463	6624379	3500	Composite grab (3m)	Gneiss	Gneiss is foliated; strong yellow stain	
37883	551483	6624963	N/A	Outcrop grab			Trench
37884	539512	6636066	1000	Outcrop grab	Pegmatite/gneiss		
37885	526324	6630397	800	Outcrop grab	Pegmatite/granite		
37886	526315	6630385	1000	Outcrop grab	Gneiss		Gneiss
37887	527151	6630167	1000	Outcrop grab	Gneiss	Coarse-grained, porphyroblastic	
37726	539306	6630668	1500	Outcrop grab	Pegmatite	Quartz-rich	Up to 800cps throughout area. 1100 cps along nearby contact w/ 0° strike/74° dip. Sample at fracture w/ 58° strike/82° dip
37727	539310	6630564	300	Boulder grab	Pegmatite	Rusty, black, oxidized, no sulfides	Boulder with dimensions 70cm x 50cm x 50cm
37728	544378	6631752	1400	Outcrop grab	Pegmatite	Pink, quartz-rich, variably banded and unbanded	1400 cps in small area at fracture. Fracture has 56° strike/52° dip SE. 1800cps nearby
37729	544333	6631932	1100	Outcrop grab	Pegmatite	Variably banded	1100 cps in area ~20cm x 20cm. All else is background
37730	544620	6632660	2200	Outcrop grab	Pegmatite		Entire outcrop has high reading. Covers area ~50m squared. Fractures have highest readings
37731	544769	6633008	800	Outcrop grab	Pegmatite		Hot zone of 300-700 cps in area ~20m squared. Highest readings mainly along fractures
37732	541621	6631623	2700	Outcrop grab	Granite	Quartz-rich	Highest readings along fracture, the rest is low
37733	541652	6632081	600	Outcrop grab	Granite	Coarse-grained, qtz-rich. Yellow powder in some fractures	Hot zone ~50cm squared. Spikes only at a few fractures in rock
37734	539760	6647277	600	Outcrop grab	Granite	Coarse-grained, qtz-rich. Variably banded w/ thin mafic bands	Hot zone of 2 m squared.
37735	539749	6645762	600	Outcrop grab	Pegmatite	Banded	High readings over entire outcrop, ~15 m squared, highest readings along fractures
37736	537965	6632644	700	Outcrop grab	Pegmatite	Thick-banded	Entire outcrop high in cps, but fractures moreso
37737	537288	6632954	2800	Outcrop grab	Pegmatite	Bi-rich pegmatite vein through qtz-rich gneiss	High readings in vein
37738	547543	6633920	150	Outcrop grab	Granitic gneiss	Pink+black bands	Not hot, just a control sample
37739	547524	6634518	700	Outcrop grab	Granite	Pink with mafic banding	Hot zone ~1m squared
37740	547489	6634465	800	Outcrop grab	Granitic gneiss	Pink+grey/black bands. Grey metallic-looking mineral	
37741	547730	6635183	1800	Outcrop grab	Pegmatitic gneiss		Hot zone over 5m x 5m w/ up to 2000cps. Taken along fracture on west-facing bluff
37742	547730	6635183	7500	Outcrop grab	Pegmatitic gneiss		Same zone as sample 37741
37743	547730	6635183	4500	Outcrop grab	Pegmatitic gneiss		Same zone as sample 37741
37745	538352	6631625	700	Outcrop grab	Granitic gneiss		High readings over area ~1 m squared. Highest readings in fracture
37746	537777	6628754	500	Outcrop grab	Granitic gneiss		Small area of high cps, following banded layer of granitic gneiss
37901	544010	6647089	250	Boulder grab	Granite	Gossan on side of boulder	Gossan covers area ~40 cm squared
37902	543877	664887	250	Outcrop grab		Gossan	Gossanous area ~0.5 m squared. Includes small gossanous boulder and rock fragments
37903	543819	6646891	1800	Boulder grab	Granitic gneiss		High readings from a large boulder covered by moss. 1200cps 270° from first location
37904	543386	6646952	250	Boulder grab	Granite	Coarse-grained, qtz-rich, foliated outcrop	Large outcrop w/ gossanous boulders on it
37905	542849	6647461	250	Boulder grab	Granite	Qtz+muscvt+fsp+fine-grained micas - gossanous, banded	Boulder
37906	542796	6647482	250	Outcrop grab	Granitic gneiss	Partially gossanous outcrop	
37907	542671	6647238	250	Outcrop grab	Pegmatite/gneiss	Gossanous layer in outcrop	
37908	542500	6646923	1200	Outcrop grab	Pegmatite/gneiss	Quartz-rich	Hot zone along small fracture
37909	542882	6647042	250	Boulder grab	Pegmatite	Quartz-rich - gossanous	Boulder
37910	545520	6635829	700	Outcrop grab	Pegmatite/gneiss		Pegmatites=700cps, granitic gneisses=200cps, metasediments=150cps. Hot area is 40mx1m. Gneissic foliation=20°, vertical
37911	545520	6635829	700	Outcrop grab	Pegmatite		15 m from sample 37910, w/ bearing of 6° from it
37787	543685	6639562	3800	Outcrop grab	Granite		Outcrop ~10x20m. Up to 5600cps, entire outcrop over 500cps
37788	543685	6639562	4800	Outcrop grab	Granite		Same location as sample 37787
37789	543685	6639562	5600	Outcrop grab	Granite		Same location as sample 37787
37790	543698	6639557	3800	Outcrop grab	Granite		Up to 3800cps along fracture on east-facing bluff. Highest readings along fractures up to 5 m long
37791	543667	6639582	7600	Outcrop grab	Granite		Area of 2 x 5m, all above 1000cps
37792	543667	6639582	5400	Outcrop grab	Granite		Area of 2 x 5m, all above 1000cps
37793	543652	6639607	9999	Outcrop grab	Granite		Hard to chip sample. 10m long high cps zone w/ trend of 60°
37794	543635	6639582	6400	Outcrop grab	Granite		Historical trench - whole trench over 2500cps
37795	543599	6639518	9200	Outcrop grab	Metasediment/granite	Yellow/green stain	3 x 15m area. Unsure of metasediment or granite
37796	542946	6637766	N/A	Outcrop grab	Metasediment/granite		Semi-muskeg area
37798	542651	6636544	220	Outcrop grab	Metasediment		Small outcrops within 12' pine forest. Nothing above background levels
37797	542714	6636630	200	Outcrop grab	Granite		Background levels only

37826	547655	6634912	1050	Outcrop grab	Granite	Highest cps at base of large bluff facing south-southeast
37827	544677	6642448	1000	Outcrop grab	Pink gneiss	20 x 20m area, entirely above background, localized highs of ~500cps
37828	544508	6642567	800	Outcrop grab	Pink granite	20x10m outcrop, highs within fractures, background of ~400cps
37829	544566	6642634	N/A	Outcrop grab	Pegmatite	Bluff
37831	551509	6625174	1000	Outcrop grab	Granite	
37832	551586	6625300	1000	Outcrop grab	Pegmatite	Coarse-grained - epidote present
37833	551227	6625705	800	Outcrop grab	Pegmatite	
37834	551227	6625705	1900	Outcrop grab	Schist	Garnet+epidote
37835	551056	6625813	750	Outcrop grab	Pegmatite	Localized high over fractured area
37836	550991	6625842	1800	Outcrop grab	Pegmatite	Rock breaks concordially like chert. Friable but intact at surface. A couple fractures above 1000cps over 1-2m distance
37838	551148	6624991	9999	Outcrop grab	Granite	>10,000cps in historical trench, which is 2 x 1.5m wide, 0.5m deep. Up to 800cps for historical core boxes - >40 boxes
37839	551148	6624991	9600	Outcrop grab	Granite	1500-6500cps at base of historical trench
37840	551148	6624991	6500	Outcrop grab	Granite	Historical core+historical trench
37842	544065	6647201	4500	Outcrop grab	Metasediment	Qtz vein/gneiss contact
37843	543999	6647273	2500	Outcrop grab	Metasediment	Vein trending at 22°
37844	544047	6647326	2000	Outcrop grab	Pegmatite	>1000cps along 10m of trend w/ orientation of 22°
37845	543970	6647292	3000	Outcrop grab	Granite	Trend of high cps along qtz seam is 30°
37846	543021	6647536	5000	Outcrop grab	Granite	Scint count over 1000cps for area 0.5m wide x 10m long at trend of 50°
37847	544447	6648167	1100	Outcrop grab	Granite	Sample taken 10m from highest scint count location (5000 cps)
37848	544447	6648167	2000	Outcrop grab	Granite	Numerous highs above 500cps within 10x10m area of outcrop
37849	544426	6647995	3500	Outcrop grab	Granite	Numerous highs above 500cps within 10x10m area of outcrop. Same location as above
37926	541760	6629728	N/A	Outcrop grab	Granite	
37927	541768	6629116	N/A	Outcrop grab	Granite	Feldspar+epidote+biotite
37776	539358	6630330	1000	Outcrop grab	Granite	No reading above 200cps
37779	547932	6640473	2800	Outcrop grab		Nothing above background
37780	547929	6640503	3740	Outcrop grab		High cps within 3m x 3m area, immediate area all above 500cps
37781	547929	6640503	4250	Outcrop grab		15m high bluff. 1500 - 2000cps along 7m long joint. Trend/dip at 180°/30°
37782	548048	6640734	2300	Outcrop grab		Bluff with numerous boulders broken off. Highest hits between boulders. 5 x 8m area is >1000cps
37784	545400	6630250	800	Outcrop grab	Granite	Same area as sample 37780
37785	545400	6630050	850	Outcrop grab	Granite	Highest hits in cracks between boulders
37786	545300	6630050	800	Outcrop grab	Pegmatite	South-facing bluff, 5x5m area >500cps. 3 samples taken from area
37804	541100	6644690	N/A	Outcrop grab	Pegmatite	2m long cracks, 3 x 2m area all above 500cps. background 150-200cps
37808	541289	6644610	5400	Outcrop grab	Pegmatite	2x3m zone all above 500cps. South-facing bluff. Samples taken 1m from highest scint hit
37819	541035	6645564	10000	Outcrop grab		Possible uranium staining with red garnet
37820	541035	6645564	10000	Rock chip		Yellow staining
37821	541035	6645564	10000	Outcrop grab		Chloritization within fracture zone. Yellow staining
37822	541015	6645603	10000	Rock chip		Yellow staining at fracture junctions
37854	544981	6627129	5000	Outcrop grab		
37855	544910	6626764	5000	Outcrop grab	Pegmatite	Intersecting fractures
37857	544982	6627616	2000	Outcrop grab	Pegmatite	Highly radioactive zone, at small fracture zone. Scint counts above 10,000cps
37858	547020	6643115	950	Outcrop grab	Pegmatite	Chip sample over 50cm long. Trend of high counts is 144°/dip N @085°
37859	550156	6624469	2500	Outcrop grab	Pegmatite	Grab sample near chip sample
37860	551242	6625008	1400	Outcrop grab	Schist	~20m from another high scint count
37862	534055	6635786	550	Outcrop grab	Pegmatite	Sample taken under outcrop ledge btwn two old trenches ~25m apart - up to 5000cps at sample location
37801	540880	6644713	700	Outcrop grab	Pegmatite	Material taken from old blast trench
37805	541125	6644682	N/A	Boulder grab		Scint high runs for over 50m
37809	541235	6644580	N/A	Boulder grab		11x0.8x0.6m sized boulder. Very thick brush w/ isolated outcrop
37815	541190	6644978	N/A	Outcrop grab		Historical trench location
37823	544944	6627142	N/A	Outcrop grab		Quartz vein at fracture - up to 1400cps along fracture. Trend of fracture at 128°
37824	544944	6627142	N/A	Outcrop grab		Small radioactive pegmatite in metasediment band - up to 550cps
37825	544944	6627142	N/A	Outcrop grab		Small fracture area. Background of 100cps
37852	545110	6627292	450	Outcrop grab	Gossan	Large boulder, appears local Very angular, not-radioactive. Background is 400cps
37853	544990	6627134	N/A	Outcrop grab	Metasediment	Boulder
37851	545158	6627358	N/A	Boulder grab	Metasediment	Historical drill core - tagged to sample
37856	544920	6626777	N/A	Outcrop grab	Metasediment	Historic drill core
37861	539043	6635784	N/A	Outcrop grab	Metasediment	Historic drill core - massive white quartz with narrow copper coloured schist at fracture zone
37863	539046	6635781	550	Outcrop grab	Metasediment	Gossanous area=20cm x 2m. Trend at 178°. 10m away there is a k-spar granite at 450cps
37864	538951	6635920	N/A	Outcrop grab	Metasediment	Historical trench
37865	538960	6635921	N/A	Outcrop grab	Metasediment	Large boulder
37866	538962	6635922	N/A	Outcrop grab	Metasediment	Low-cps sample taken from historical trench - no high readings
37867	539081	6635897	N/A	Outcrop grab	Metasediment	Area is rubble
37888	564848	6584253	1000	Outcrop grab	Pegmatite	Gossanous area of 0.4m x 0.2m gossan next to radioactive pegmatite. No visible sulfides - 200cps background
37890	545302	6634424	N/A	Outcrop grab	Pegmatite	Gossanous area next to small pegmatite vein
						Massive black rock from 5m wide band in metasediments - has heft. No radioactivity
						0.4m wide gossanous area in band of white to black metasediments. Runs under trees at outcrop edge after 3m
						Gossanous fracture along east side of cliff

**APPENDIX 2b: 2006 LOCATIONS OF ANOMALOUS RADIOACTIVITY**

Nad 83 Zone 12

<b>ID</b>	<b>EASTING</b>	<b>NORTHING</b>	<b>CPS</b>	<b>ID</b>	<b>EASTING</b>	<b>NORTHING</b>	<b>CPS</b>
1	544677	6636942	100	45	539544	6630821	3000
2	543679	6639450	2600	46	544629	6632550	1800
3	543691	6639591	3400	47	544733	663701	1700
4	543567	6637759	150	48	544740	6632916	800
5	547563	6634877	1100	49	544626	6632681	1200
6	547802	6635180	1300	50	541860	6632423	600
7	544545	6642592	1400	51	541663	6631911	600
8	544568	6642716	900	52	538002	6632716	900
9	544693	6642971	500	53	537361	6632916	600
10	544703	6643029	800	54	547685	6634939	1800
11	551445	6625041	500	55	547729	6635183	7500
12	551497	6625176	800	56	538954	6632341	2700
13	551543	6625258	250	57	538416	6631383	1200
14	551572	6625404	700	58	537745	6628882	600
15	551516	6625486	300				
16	551497	6625582	800				
17	551391	6625611	300				
18	551152	6625820	750				
19	550958	6625853	1200				
20	543992	6647329	1000				
21	543990	6647304	2300				
22	544409	6648303	1000				
23	544426	6648000	1350				
24	544391	6647961	4400				
25	544315	6647699	3000				
26	539430	6631041	830				
27	539391	6630742	600				
28	539297	6630683	1200				
29	539181	6630538	471				
30	539263	6630376	840				
31	539508	6630766	3400				
32	548048	6640750	3500				
33	544917	6630608	750				
34	545489	6630764	680				
35	546120	6630463	500				
36	545900	6630250	650				
37	551477	6624985	1000				
38	550192	6624579	2300				
39	550465	6624376	5900				
40	550482	6624371	550				
41	541100	6644692	850				
42	539396	6630725	1200				
43	539224	6630685	1950				
44	539508	6630766	3500				

**APPENDIX 3: 2006 SAMPLE ASSAY RESULTS**

**SRC Geoanalytical Laboratories**

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Report No: 07-1276

**Dahrouge Geological Consulting**

Attention: Fritz Griffith  
 PO #/Project: 14800  
 Samples: 144

Date of Report: September 27, 2007

**ICP4.3R Partial Digestion and Boron**

Column Header Details

Silver in ppm (Ag)  
 Arsenic in ppm (As)  
 Bismuth in ppm (Bi)  
 Cobalt in ppm (Co)  
 Copper in ppm (Cu)

Germanium in ppm (Ge)  
 Mercury in ppm (Hg)  
 Molybdenum in ppm (Mo)  
 Nickel in ppm (Ni)  
 Lead in ppm (Pb)

Antimony in ppm (Sb)  
 Selenium in ppm (Se)  
 Tellurium in ppm (Te)  
 Uranium in ppm (U, ICP)  
 Vanadium in ppm (V)

Zinc in ppm (Zn)  
 Boron by Fusion in ppm (B)

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, ICP ppm	V ppm	Zn ppm	B ppm
CG515/LS4/BL	<0.1	12.0	0.7	37.7	48.1	<0.2	<0.2	12.6	48.2	23.3	<0.2	<0.2	<0.2	33.5	98.8	197	17
37701	<0.1	<0.2	0.4	4.0	23.3	<0.2	<0.2	0.7	4.5	11.5	<0.2	<0.2	<0.2	3.1	12.8	18.3	13
37702	0.4	<0.2	<0.2	28.7	41.2	<0.2	<0.2	18.6	56.2	23.1	<0.2	<0.2	2.6	18.5	189	171	16
37703	<0.1	<0.2	0.6	16.5	6.9	0.3	<0.2	0.4	41.3	2.45	<0.2	<0.2	<0.2	6.5	79.2	81.7	28
37704	<0.1	<0.2	0.5	6.4	8.4	<0.2	<0.2	14.0	13.5	12.2	<0.2	<0.2	1.0	5.0	51.0	28.2	39
37705	0.1	<0.2	2.1	20.7	18.4	<0.2	<0.2	0.8	90.1	25.4	<0.2	<0.2	4.2	17.7	59.6	110	31
37711	<0.1	<0.2	<0.2	37.1	27.8	<0.2	<0.2	<0.1	62.8	18.7	<0.2	<0.2	0.4	123	96.6	160	42
37713	0.1	<0.2	1.0	13.7	33.3	<0.2	<0.2	<0.1	15.2	48.4	<0.2	<0.2	1.1	85.1	46.4	88.1	35
37714	<0.1	6.8	1.0	4.0	8.9	<0.2	<0.2	51.1	20.9	104	<0.2	<0.2	1.0	345	37.7	22.2	38
37715	<0.1	5.3	0.6	10.6	35.5	1.0	<0.2	8.4	41.0	14.7	<0.2	<0.2	1.5	25.6	112	74.3	12
37716	<0.1	0.5	1.4	9.2	8.8	<0.2	<0.2	11.1	26.6	72.6	<0.2	<0.2	1.0	828	81.6	58.3	2
37718	<0.1	1.8	1.0	2.4	20.6	<0.2	<0.2	84.8	13.7	147	<0.2	<0.2	0.9	868	20.8	19.8	19
37720	<0.1	3.9	0.8	6.4	26.4	<0.2	<0.2	34.0	18.9	324	<0.2	<0.2	1.2	576	29.6	80.7	8
37721	<0.1	2.2	0.7	3.5	7.6	<0.2	<0.2	27.7	10.3	126	<0.2	<0.2	<0.2	350	28.6	21.2	13
37722	<0.1	3.4	0.5	2.6	2.4	<0.2	<0.2	4.6	6.1	22.8	<0.2	<0.2	0.3	36.2	19.3	30.7	14
37723	<0.1	<0.2	0.4	12.1	5.2	0.5	<0.2	2.2	41.7	16.9	<0.2	<0.2	0.9	12.7	91.5	103	13
37724	<0.1	<0.2	0.4	3.4	4.5	<0.2	<0.2	83.4	13.4	71.1	<0.2	<0.2	0.8	114	41.0	46.9	16
37726	0.2	<0.2	0.9	4.2	9.4	<0.2	<0.2	2.1	4.4	28.4	<0.2	<0.2	1.4	6.3	22.5	38.3	19
37727	0.1	0.5	0.6	7.4	107	0.6	<0.2	1.4	22.5	8.29	<0.2	<0.2	0.6	2.0	73.8	39.6	9
37728	0.2	<0.2	1.6	3.2	51.2	<0.2	<0.2	4.2	3.2	62.6	<0.2	<0.2	2.4	2.1	34.5	47.8	25

**SRC Geoanalytical Laboratories**

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Samples: 144

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Report No: 07-1276

Date of Report: September 27, 2007

**ICP4.3R Partial Digestion and Boron**

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, ICP ppm	V ppm	Zn ppm	B ppm
CG515/LS4/BM	<0.1	12.2	1.4	38.6	49.9	<0.2	<0.2	13.5	48.5	23.3	<0.2	<0.2	<0.2	34.6	104	202	99
37729	<0.1	<0.2	<0.2	2.8	4.2	<0.2	<0.2	4.4	2.2	16.7	<0.2	<0.2	1.0	4.7	41.8	108	5
37730	0.2	<0.2	0.4	6.4	3.0	<0.2	<0.2	2.6	4.3	23.8	<0.2	<0.2	2.5	6.3	43.8	71.2	2
37731	<0.1	<0.2	1.0	3.0	4.6	<0.2	<0.2	14.5	1.2	10.6	<0.2	<0.2	0.7	14.4	16.9	35.7	8
37732	<0.1	0.3	3.1	2.1	34.9	<0.2	<0.2	2.5	3.6	27.2	<0.2	<0.2	1.2	19.4	6.1	42.4	10
37733	0.4	<0.2	0.5	2.5	6.1	<0.2	<0.2	1.2	2.7	9.30	<0.2	0.3	1.8	2.2	17.2	32.7	8
37734	<0.1	<0.2	0.8	5.2	8.8	<0.2	<0.2	3.2	4.4	2.47	<0.2	<0.2	0.3	3.4	18.6	46.9	24
37735	<0.1	<0.2	0.7	3.4	5.8	<0.2	<0.2	3.9	3.9	6.78	<0.2	<0.2	0.6	5.6	15.0	32.4	8
37736	<0.1	0.4	0.5	5.2	22.8	<0.2	<0.2	4.2	8.6	2.35	<0.2	<0.2	<0.2	1.2	17.2	24.4	17
37737	0.3	<0.2	1.3	14.0	114	<0.2	<0.2	5.1	53.7	22.9	<0.2	<0.2	4.0	88.7	82.0	54.0	33
37738	<0.1	0.3	0.2	4.4	1.4	<0.2	<0.2	1.7	2.8	1.40	<0.2	<0.2	<0.2	2.4	21.0	31.0	9
37739	0.2	<0.2	0.6	5.7	5.1	<0.2	<0.2	1.3	1.8	4.94	<0.2	<0.2	<0.2	3.8	29.9	79.2	12
37740	0.3	<0.2	0.5	4.4	1.8	<0.2	<0.2	1.6	1.3	10.2	<0.2	<0.2	0.9	7.3	31.4	83.0	14
37741	<0.1	1.1	0.8	6.9	33.9	0.5	<0.2	17.7	25.6	21.3	<0.2	<0.2	1.7	41.1	56.4	60.4	11
37742	<0.1	<0.2	1.6	1.4	7.3	<0.2	<0.2	97.2	8.8	128	<0.2	<0.2	1.0	508	11.7	15.9	6
37743	<0.1	0.3	0.8	3.8	8.9	<0.2	<0.2	44.0	13.6	47.1	<0.2	<0.2	0.6	153	18.1	38.5	4
37745	0.1	<0.2	1.2	5.9	4.8	<0.2	<0.2	1.6	4.8	14.6	<0.2	<0.2	1.1	8.3	27.5	67.8	14
37746	<0.1	<0.2	0.3	5.0	12.9	<0.2	<0.2	15.1	9.0	15.2	<0.2	<0.2	0.8	7.0	28.8	43.1	5
37776	<0.1	<0.2	0.6	5.3	9.8	<0.2	<0.2	2.7	4.1	12.8	<0.2	<0.2	0.8	5.2	30.5	52.6	15
37742 R	<0.1	<0.2	1.8	1.4	7.3	<0.2	<0.2	91.1	8.6	124	<0.2	<0.2	0.7	491	11.5	16.1	6
CG515/LS4/BL	<0.1	13.1	1.0	40.2	50.3	<0.2	<0.2	14.1	49.6	23.3	<0.2	<0.2	0.4	33.7	103	201	18
37778	<0.1	1.0	0.5	1.2	2.1	<0.2	<0.2	4.3	2.4	10.4	<0.2	<0.2	0.9	10.4	7.5	21.8	3
37779	<0.1	0.8	<0.2	4.8	5.2	0.2	<0.2	37.4	6.7	12.3	<0.2	<0.2	1.2	48.6	40.2	37.0	27
37780	<0.1	1.5	0.7	1.0	23.3	<0.2	<0.2	18.7	5.1	24.9	<0.2	<0.2	0.9	107	2.8	6.5	4
37781	<0.1	3.0	0.3	3.7	3.0	0.2	<0.2	55.7	7.2	76.7	<0.2	<0.2	1.1	155	48.9	49.9	12
37782	<0.1	2.1	0.4	5.0	5.0	<0.2	<0.2	26.3	4.7	29.8	<0.2	<0.2	0.2	44.8	18.7	12.6	2
37783	<0.1	<0.2	0.8	3.0	4.5	<0.2	<0.2	1.3	5.8	13.1	0.6	<0.2	<0.2	2.8	12.2	27.5	12
37784	<0.1	<0.2	0.4	2.7	3.9	<0.2	<0.2	1.0	2.6	7.94	<0.2	<0.2	<0.2	1.9	13.3	27.8	10
37785	<0.1	<0.2	0.4	3.9	35.8	<0.2	<0.2	2.8	3.6	14.5	<0.2	<0.2	0.7	4.9	15.1	55.2	30
37786	0.4	<0.2	0.4	7.5	8.6	<0.2	<0.2	1.6	5.4	9.70	<0.2	<0.2	1.1	3.3	34.2	84.2	18
37787	<0.1	0.7	<0.2	10.8	2.7	<0.2	<0.2	20.6	20.3	42.5	<0.2	<0.2	1.1	494	66.5	70.3	20
37788	<0.1	0.3	0.4	1.7	2.6	<0.2	<0.2	12.4	4.6	20.3	<0.2	<0.2	<0.2	21.5	6.6	15.7	3
37789	<0.1	0.8	0.2	2.5	2.5	<0.2	<0.2	36.0	5.9	48.6	<0.2	<0.2	0.3	376	14.5	17.9	15
37790	0.2	<0.2	<0.2	9.9	40.3	0.8	<0.2	88.8	14.8	40.1	<0.2	<0.2	2.4	28.4	105	98.1	11
37791	<0.1	0.8	<0.2	1.4	4.1	<0.2	<0.2	144	6.0	16.3	<0.2	<0.2	0.7	3.3	17.5	16.2	2
37792	<0.1	0.3	0.8	1.2	5.5	<0.2	<0.2	278	6.4	122	<0.2	<0.2	0.5	270	6.1	17.0	8
37793	<0.1	0.9	<0.2	5.6	22.4	<0.2	<0.2	96.7	14.5	126	<0.2	<0.2	1.4	89.7	44.7	67.6	9
37796	<0.1	0.4	<0.2	5.1	15.7	<0.2	<0.2	2.8	14.4	5.73	<0.2	<0.2	<0.2	4.7	45.8	30.0	14
37797	0.1	0.4	<0.2	7.1	15.4	0.3	<0.2	1.7	20.2	11.8	<0.2	<0.2	1.7	4.9	63.6	62.4	8
37798	<0.1	0.8	<0.2	5.4	3.0	<0.2	<0.2	1.4	9.6	10.5	<0.2	<0.2	1.1	2.8	40.0	58.3	10

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Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, ICP ppm	V ppm	Zn ppm	B ppm
CG515/LS4/BM	<0.1	12.0	0.8	40.0	50.4	<0.2	<0.2	14.6	50.5	24.1	<0.2	<0.2	<0.2	33.9	102	206	92
37799	<0.1	0.3	0.6	1.1	11.8	<0.2	<0.2	1.7	3.8	10.7	<0.2	<0.2	<0.2	1.4	6.6	13.6	8
37800	<0.1	0.3	0.4	2.1	12.6	<0.2	<0.2	1.6	3.5	7.32	<0.2	<0.2	0.4	2.1	8.5	20.6	6
37804	<0.1	<0.2	0.7	3.0	4.9	<0.2	<0.2	1.3	5.3	12.2	0.2	<0.2	0.9	5.2	14.6	21.2	5
37805	<0.1	0.7	<0.2	21.4	50.1	2.5	<0.2	10.5	36.1	4.12	<0.2	<0.2	3.9	5.2	267	102	6
37808	<0.1	1.4	0.7	2.0	14.5	<0.2	<0.2	0.8	2.3	43.6	<0.2	<0.2	<0.2	347	11.7	19.8	14
37809	0.2	35.7	0.8	7.1	13.6	0.3	<0.2	1.2	16.7	19.0	<0.2	<0.2	<0.2	3.6	63.6	64.1	18
37815	<0.1	<0.2	0.3	6.0	2.3	<0.2	<0.2	1.1	8.2	2.02	0.2	<0.2	<0.2	3.0	22.1	19.9	4
37819	2.5	2.6	3.7	10.8	37.8	<0.2	<0.2	<0.1	4.0	230	<0.2	<0.2	<0.2	1020	46.9	76.7	48
37822	0.2	<0.2	<0.2	6.8	133	<0.2	<0.2	<0.1	1.8	70.5	<0.2	<0.2	<0.2	445	61.3	77.7	54
37823	<0.1	3.2	0.5	2.4	11.6	<0.2	<0.2	2.8	8.0	13.0	0.3	<0.2	<0.2	5.9	10.1	15.1	10
37824	0.1	8.8	<0.2	9.5	18.9	0.3	<0.2	0.6	25.0	6.91	<0.2	<0.2	1.9	4.9	53.8	92.6	4
37825	<0.1	0.4	0.3	0.7	1.7	<0.2	<0.2	0.6	4.0	1.14	<0.2	<0.2	0.3	1.4	3.0	5.2	2
37826	<0.1	<0.2	0.6	3.5	15.1	<0.2	<0.2	0.9	6.4	4.51	<0.2	<0.2	<0.2	6.0	13.7	45.7	10
37827	<0.1	<0.2	0.8	1.2	3.8	<0.2	<0.2	12.2	2.3	25.2	<0.2	<0.2	0.8	9.7	13.5	28.2	2
37828	<0.1	<0.2	0.5	3.1	7.0	<0.2	<0.2	1.6	2.8	7.43	<0.2	<0.2	<0.2	5.5	19.0	63.0	6
37829	0.2	<0.2	0.2	4.6	8.9	<0.2	<0.2	1.6	2.9	30.5	0.5	<0.2	1.9	5.3	25.5	46.5	6
37831	<0.1	0.3	<0.2	0.4	1.5	<0.2	<0.2	7.9	2.7	5.78	<0.2	<0.2	0.4	35.0	2.1	5.5	2
37832	<0.1	0.4	0.7	0.3	1.6	<0.2	<0.2	1.5	2.6	7.66	<0.2	<0.2	<0.2	270	0.6	6.8	8
37828 R	<0.1	0.3	0.4	2.9	7.0	<0.2	<0.2	1.3	2.6	7.47	<0.2	<0.2	<0.2	5.4	19.7	63.3	4
CG515/LS4/BL	<0.1	12.2	1.5	40.5	50.4	<0.2	<0.2	14.4	48.5	23.5	<0.2	<0.2	<0.2	34.4	100	204	16
37833	<0.1	0.5	2.2	0.8	2.2	<0.2	<0.2	1.7	3.2	9.93	<0.2	<0.2	<0.2	11.2	3.0	13.0	11
37834	<0.1	<0.2	<0.2	1.1	1.3	<0.2	<0.2	0.6	4.0	8.17	<0.2	<0.2	0.7	36.0	9.3	27.1	12
37835	<0.1	<0.2	1.0	2.1	28.9	<0.2	<0.2	1.2	1.6	16.7	<0.2	<0.2	<0.2	9.6	5.7	20.3	14
37837	<0.1	<0.2	0.2	0.6	2.3	<0.2	<0.2	2.7	2.5	4.54	<0.2	<0.2	<0.2	52.2	3.1	3.4	3
37840	<0.1	1.2	0.5	0.4	0.8	<0.2	<0.2	2.0	<0.1	19.2	<0.2	<0.2	<0.2	37.9	5.5	0.6	64
37841	<0.1	0.3	0.9	1.0	3.2	<0.2	<0.2	2.5	4.4	22.8	0.5	<0.2	<0.2	64.0	8.0	20.7	10
37842	<0.1	<0.2	0.4	3.1	10.7	<0.2	<0.2	2.2	10.7	8.02	<0.2	<0.2	1.1	4.2	22.2	21.4	3
37844	<0.1	<0.2	1.5	6.6	13.5	<0.2	<0.2	1.6	13.4	55.2	<0.2	<0.2	2.2	3.9	31.7	35.4	6
37845	<0.1	0.5	0.2	2.5	6.7	<0.2	<0.2	110	6.2	6.36	<0.2	<0.2	1.1	2.2	21.2	21.0	14
37846	<0.1	0.4	0.3	6.7	10.9	<0.2	<0.2	4.0	16.2	31.7	<0.2	<0.2	1.5	31.6	52.4	51.5	3
37847	<0.1	<0.2	0.5	7.0	9.7	<0.2	<0.2	2.0	12.7	12.1	<0.2	<0.2	0.3	6.9	41.0	42.1	12
37848	<0.1	<0.2	0.4	0.7	2.8	<0.2	<0.2	0.8	2.1	14.6	0.7	<0.2	0.4	1.9	2.0	9.0	9
37849	<0.1	<0.2	1.0	7.6	51.6	<0.2	<0.2	4.2	10.8	45.1	<0.2	<0.2	4.6	1.1	40.4	33.0	11
37850	<0.1	<0.2	0.4	6.3	3.1	<0.2	<0.2	1.1	7.1	3.35	<0.2	<0.2	<0.2	2.9	27.3	46.7	25
37851	<0.1	1.3	0.9	9.5	29.4	<0.2	<0.2	1.7	25.2	3.64	<0.2	<0.2	<0.2	3.3	27.3	49.9	34
37852	0.4	1.1	1.5	4.6	25.2	1.0	<0.2	0.7	10.6	16.7	<0.2	<0.2	0.4	3.8	60.3	17.3	4
37853	<0.1	2.9	1.2	9.3	92.0	0.4	<0.2	48.8	36.1	161	<0.2	0.8	1.5	120	68.5	51.0	7
37855	<0.1	1.9	0.9	2.7	6.3	<0.2	<0.2	102	7.6	171	<0.2	<0.2	1.2	325	25.0	33.0	12
37856	0.2	3.5	<0.2	23.8	151	1.0	<0.2	12.6	54.1	30.2	<0.2	<0.2	2.4	72.0	104	99.1	6

**SRC Geoanalytical Laboratories**

Report No: 07-1276

**Dahrouge Geological Consulting**

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8

Attention: Fritz Griffith

Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

PO #/Project: 14800

Date of Report: September 27, 2007

Samples: 144

**ICP4.3R Partial Digestion and Boron**

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, ICP ppm	V ppm	Zn ppm	B ppm
CG515/LS4/BM	<0.1	11.6	1.2	41.2	51.8	<0.2	<0.2	14.4	52.4	24.4	<0.2	<0.2	<0.2	34.8	102	209	100
37857	<0.1	15.7	0.5	1.6	14.1	<0.2	<0.2	36.4	5.7	110	<0.2	0.4	<0.2	179	4.7	22.8	9
37858	<0.1	<0.2	0.3	0.5	1.5	<0.2	<0.2	4.7	3.3	21.3	0.4	0.5	<0.2	12.8	1.1	11.4	11
37859	<0.1	2.1	0.3	3.1	3.4	<0.2	<0.2	1870	6.8	326	<0.2	<0.2	2.1	1230	60.9	39.8	90
37860	<0.1	<0.2	1.1	10.0	4.3	<0.2	<0.2	4.9	18.1	23.9	<0.2	<0.2	0.4	74.9	62.2	113	21
37861	<0.1	7.8	1.0	9.6	6.2	<0.2	<0.2	6.9	22.8	5.66	<0.2	<0.2	<0.2	6.8	43.8	44.3	10
37862	0.3	13.1	0.5	7.4	54.4	<0.2	<0.2	1.6	21.2	18.0	<0.2	<0.2	0.7	2.8	43.8	46.5	33
37863	1.5	4.4	0.6	6.6	256	<0.2	<0.2	1.4	11.5	161	<0.2	<0.2	<0.2	3.7	65.1	62.8	41
37864	0.3	6.9	0.4	7.1	79.3	0.9	<0.2	2.6	10.0	118	<0.2	<0.2	<0.2	2.6	81.6	55.8	16
37865	0.1	18.9	0.7	22.1	106	<0.2	<0.2	1.4	170	3.78	<0.2	<0.2	0.7	3.5	45.1	34.6	12
37866	<0.1	36.2	0.3	20.5	37.9	<0.2	<0.2	1.9	150	1.49	<0.2	<0.2	<0.2	2.1	30.2	22.7	7
37867	0.4	16.3	<0.2	34.2	348	1.8	<0.2	2.2	129	2.73	<0.2	<0.2	5.7	3.9	193	78.9	19
37876	<0.1	1.0	0.6	6.1	32.1	<0.2	<0.2	59.1	17.4	79.5	<0.2	<0.2	0.9	139	40.3	45.9	12
37877	<0.1	<0.2	<0.2	15.1	16.4	0.6	<0.2	44.2	47.5	33.0	<0.2	<0.2	1.6	132	103	86.2	11
37878	0.2	18.8	0.5	1.2	60.8	0.4	<0.2	9.4	6.0	14.6	<0.2	0.3	<0.2	5.7	34.1	18.1	36
37879	<0.1	0.5	0.5	1.4	6.0	<0.2	<0.2	4.6	5.6	15.2	<0.2	<0.2	<0.2	16.3	3.2	9.4	17
37880	<0.1	0.4	0.2	1.0	3.3	<0.2	<0.2	5.4	3.6	25.3	<0.2	0.5	<0.2	1150	2.3	15.0	18
37882	<0.1	<0.2	1.0	13.6	2.3	<0.2	<0.2	1.4	34.2	23.8	<0.2	<0.2	<0.2	30.1	29.4	99.2	54
37883	<0.1	0.7	1.0	10.6	3.4	<0.2	<0.2	1.4	31.3	18.4	<0.2	<0.2	<0.2	15.1	21.3	84.4	56
37880 R	<0.1	0.2	<0.2	0.9	3.2	<0.2	<0.2	5.5	3.5	25.4	<0.2	<0.2	<0.2	1150	2.3	15.2	20
CG515/LS4/BL	0.3	12.5	0.5	39.0	48.1	<0.2	<0.2	11.3	47.9	25.3	<0.2	<0.2	<0.2	34.8	101	220	18
37885	0.4	0.8	<0.2	1.1	17.9	<0.2	<0.2	0.4	7.0	52.4	<0.2	<0.2	1.5	5.6	11.0	40.8	29
37886	<0.1	<0.2	1.4	14.6	29.2	<0.2	<0.2	<0.1	44.3	5.03	2.4	<0.2	0.2	3.9	98.0	104	17
37887	<0.1	<0.2	0.8	9.4	19.2	<0.2	<0.2	1.3	12.9	4.44	1.2	<0.2	0.3	2.6	53.1	66.4	20
37888	<0.1	<0.2	0.6	2.7	39.5	<0.2	<0.2	5.2	8.3	22.3	0.3	<0.2	0.8	5.3	26.6	26.9	29
37889	<0.1	<0.2	<0.2	1.2	2.7	<0.2	<0.2	2.0	2.1	7.40	<0.2	<0.2	1.4	4.7	16.1	21.7	26
37890	<0.1	3.2	<0.2	1.0	4.6	<0.2	<0.2	1.5	2.9	21.7	<0.2	1.4	3.0	4.9	3.6	12.6	28
37901	<0.1	<0.2	1.1	2.2	10.2	<0.2	<0.2	8.6	7.0	16.7	2.1	<0.2	0.8	3.9	35.9	37.1	16
37902	<0.1	<0.2	1.4	12.0	14.6	<0.2	<0.2	0.9	35.5	9.17	3.1	<0.2	<0.2	3.5	99.4	78.6	16
37903	<0.1	4.2	<0.2	6.2	26.5	<0.2	<0.2	28.8	10.3	62.5	3.3	6.3	6.3	7.0	55.1	50.1	34
37904	0.3	14.6	1.2	10.8	40.1	<0.2	<0.2	0.5	39.3	20.1	0.6	<0.2	<0.2	8.9	168	96.5	15
37905	<0.1	<0.2	1.3	6.7	11.9	<0.2	<0.2	1.2	15.8	11.0	2.4	<0.2	1.0	7.0	70.0	64.7	14
37906	<0.1	2.4	0.8	13.1	26.3	<0.2	<0.2	1.4	34.7	6.32	0.3	<0.2	<0.2	2.7	87.7	138	23
37907	0.2	<0.2	2.0	3.4	48.0	<0.2	<0.2	3.0	10.2	35.1	<0.2	<0.2	<0.2	3.5	126	67.4	15
37908	<0.1	<0.2	0.4	2.6	3.1	<0.2	<0.2	9.8	5.9	38.4	0.3	<0.2	0.9	38.6	31.0	39.7	2
37909	<0.1	<0.2	1.0	2.5	12.2	<0.2	<0.2	0.9	8.4	6.75	2.5	<0.2	1.7	1.8	47.8	30.4	2
37910	<0.1	0.3	0.3	3.8	2.4	<0.2	<0.2	0.9	2.7	19.0	2.1	<0.2	2.3	2.0	14.6	51.0	17
37911	<0.1	2.7	<0.2	3.4	3.5	<0.2	<0.2	0.3	2.8	15.1	1.9	<0.2	3.8	2.1	18.8	53.1	12
37926	<0.1	0.4	<0.2	1.0	2.2	<0.2	<0.2	0.7	2.6	3.05	<0.2	<0.2	1.6	<0.5	3.0	8.9	24
37927	<0.1	0.4	0.2	1.6	1.7	<0.2	<0.2	12.2	3.2	5.04	0.2	<0.2	1.0	1.0	7.6	21.9	18

**SRC Geoanalytical Laboratories**

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Report No: 07-1276

**Dahrouge Geological Consulting**

Attention: Fritz Griffith

PO #/Project: 14800

Samples: 144

Date of Report: September 27, 2007

**ICP4.3R Partial Digestion and Boron**

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, ICP ppm	V ppm	Zn ppm	B ppm
CG515/LS4/BM	<0.1	12.6	0.8	38.4	47.7	<0.2	<0.2	11.4	48.8	24.4	<0.2	<0.2	<0.2	34.3	99.5	210	92
37928	<0.1	<0.2	0.9	16.1	19.3	<0.2	<0.2	0.4	34.9	3.36	1.3	<0.2	<0.2	1.8	64.8	77.9	8
38010	<0.1	<0.2	0.7	4.5	2.3	<0.2	<0.2	<0.1	4.2	21.2	0.6	<0.2	<0.2	61.6	24.8	68.8	2
37928 R	<0.1	<0.2	0.6	16.4	19.3	<0.2	<0.2	0.4	35.2	3.30	1.8	<0.2	<0.2	1.7	62.1	75.6	9

Partial Digestion: A 1.00 g pulp is digested with 2.25 ml of 8:1 HNO<sub>3</sub>:HCl for 1 hour at 95C.

The standard is LS4.

Boron: A 0.1 gram pulp is fused at 650 C in a mixture of Na<sub>2</sub>O<sub>2</sub>/Na<sub>2</sub>CO<sub>3</sub>.

The standards are BL and BM.

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Report No: 07-1276

**Dahrouge Geological Consulting**

Attention: Fritz Griffith  
 PO #/Project: 14800  
 Samples: 34

Date of Report: September 27, 2007

**ICP4.3R Partial Digestion and Boron**

Column Header Details

Silver in ppm (Ag)  
 Arsenic in ppm (As)  
 Bismuth in ppm (Bi)  
 Cobalt in ppm (Co)  
 Copper in ppm (Cu)

Germanium in ppm (Ge)  
 Mercury in ppm (Hg)  
 Molybdenum in ppm (Mo)  
 Nickel in ppm (Ni)  
 Lead in ppm (Pb)

Antimony in ppm (Sb)  
 Selenium in ppm (Se)  
 Tellurium in ppm (Te)  
 Uranium in ppm (U, ICP)  
 Vanadium in ppm (V)

Zinc in ppm (Zn)  
 Boron by Fusion in ppm (B)

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, ICP ppm	V ppm	Zn ppm	B ppm
CG515/LS4/BL	0.3	12.5	0.5	39.0	48.1	<0.2	<0.2	11.3	47.9	25.3	<0.2	<0.2	<0.2	34.8	101	220	18
37885	0.4	0.8	<0.2	1.1	17.9	<0.2	<0.2	0.4	7.0	52.4	<0.2	<0.2	1.5	5.6	11.0	40.8	29
37886	<0.1	<0.2	1.4	14.6	29.2	<0.2	<0.2	<0.1	44.3	5.03	2.4	<0.2	0.2	3.9	98.0	104	17
37887	<0.1	<0.2	0.8	9.4	19.2	<0.2	<0.2	1.3	12.9	4.44	1.2	<0.2	0.3	2.6	53.1	66.4	20
37888	<0.1	<0.2	0.6	2.7	39.5	<0.2	<0.2	5.2	8.3	22.3	0.3	<0.2	0.8	5.3	26.6	26.9	29
37889	<0.1	<0.2	<0.2	1.2	2.7	<0.2	<0.2	2.0	2.1	7.40	<0.2	<0.2	1.4	4.7	16.1	21.7	26
37890	<0.1	3.2	<0.2	1.0	4.6	<0.2	<0.2	1.5	2.9	21.7	<0.2	1.4	3.0	4.9	3.6	12.6	28
37901	<0.1	<0.2	1.1	2.2	10.2	<0.2	<0.2	8.6	7.0	16.7	2.1	<0.2	0.8	3.9	35.9	37.1	16
37902	<0.1	<0.2	1.4	12.0	14.6	<0.2	<0.2	0.9	35.5	9.17	3.1	<0.2	<0.2	3.5	99.4	78.6	16
37903	<0.1	4.2	<0.2	6.2	26.5	<0.2	<0.2	28.8	10.3	62.5	3.3	6.3	6.3	7.0	55.1	50.1	34
37904	0.3	14.6	1.2	10.8	40.1	<0.2	<0.2	0.5	39.3	20.1	0.6	<0.2	<0.2	8.9	168	96.5	15
37905	<0.1	<0.2	1.3	6.7	11.9	<0.2	<0.2	1.2	15.8	11.0	2.4	<0.2	1.0	7.0	70.0	64.7	14
37906	<0.1	2.4	0.8	13.1	26.3	<0.2	<0.2	1.4	34.7	6.32	0.3	<0.2	<0.2	2.7	87.7	138	23
37907	0.2	<0.2	2.0	3.4	48.0	<0.2	<0.2	3.0	10.2	35.1	<0.2	<0.2	<0.2	3.5	126	67.4	15
37908	<0.1	<0.2	0.4	2.6	3.1	<0.2	<0.2	9.8	5.9	38.4	0.3	<0.2	0.9	38.6	31.0	39.7	2
37909	<0.1	<0.2	1.0	2.5	12.2	<0.2	<0.2	0.9	8.4	6.75	2.5	<0.2	1.7	1.8	47.8	30.4	2
37910	<0.1	0.3	0.3	3.8	2.4	<0.2	<0.2	0.9	2.7	19.0	2.1	<0.2	2.3	2.0	14.6	51.0	17
37911	<0.1	2.7	<0.2	3.4	3.5	<0.2	<0.2	0.3	2.8	15.1	1.9	<0.2	3.8	2.1	18.8	53.1	12
37926	<0.1	0.4	<0.2	1.0	2.2	<0.2	<0.2	0.7	2.6	3.05	<0.2	<0.2	1.6	<0.5	3.0	8.9	24
37927	<0.1	0.4	0.2	1.6	1.7	<0.2	<0.2	12.2	3.2	5.04	0.2	<0.2	1.0	1.0	7.6	21.9	18

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Report No: 07-1276

**Dahrouge Geological Consulting**

Attention: Fritz Griffith  
 PO #/Project: 14800  
 Samples: 34

Date of Report: September 27, 2007

**ICP4.3R Partial Digestion and Boron**

Sample Number	Ag ppm	As ppm	Bi ppm	Co ppm	Cu ppm	Ge ppm	Hg ppm	Mo ppm	Ni ppm	Pb ppm	Sb ppm	Se ppm	Te ppm	U, ICP ppm	V ppm	Zn ppm	B ppm
CG515/LS4/BM	<0.1	12.6	0.8	38.4	47.7	<0.2	<0.2	11.4	48.8	24.4	<0.2	<0.2	<0.2	34.3	99.5	210	92
37928	<0.1	<0.2	0.9	16.1	19.3	<0.2	<0.2	0.4	34.9	3.36	1.3	<0.2	<0.2	1.8	64.8	77.9	8
38010	<0.1	<0.2	0.7	4.5	2.3	<0.2	<0.2	<0.1	4.2	21.2	0.6	<0.2	<0.2	61.6	24.8	68.8	2
37928 R	<0.1	<0.2	0.6	16.4	19.3	<0.2	<0.2	0.4	35.2	3.30	1.8	<0.2	<0.2	1.7	62.1	75.6	9
CG515/LS4/BM	<0.1	11.8	1.2	40.3	49.9	<0.2	<0.2	14.2	50.3	23.9	<0.2	<0.2	<0.2	33.8	103	204	98
37717	<0.1	3.2	0.6	4.8	8.8	<0.2	<0.2	145	12.5	319	<0.2	0.3	1.8	866	51.4	63.4	17
37719	<0.1	2.2	0.5	2.8	5.7	<0.2	<0.2	90.3	7.4	320	<0.2	<0.2	1.3	794	20.6	18.1	11
37794	<0.1	1.0	<0.2	4.7	7.4	<0.2	<0.2	321	14.5	264	<0.2	<0.2	1.5	942	33.2	32.3	19
37795	<0.1	4.1	<0.2	18.7	18.8	<0.2	<0.2	317	60.5	454	<0.2	<0.2	1.0	2240	208	141	23
37838	<0.1	1.0	0.9	1.3	7.0	<0.2	<0.2	4.8	3.4	35.5	<0.2	<0.2	0.2	984	6.2	10.9	27
37839	<0.1	1.3	2.1	1.1	5.8	<0.2	<0.2	3.3	3.9	50.2	<0.2	<0.2	0.4	1480	3.5	7.7	20
37843	0.2	<0.2	1.4	10.8	13.6	<0.2	<0.2	51.9	20.3	137	0.5	<0.2	9.7	20.5	89.4	87.8	25
37854	<0.1	0.7	0.7	4.4	3.9	<0.2	<0.2	67.7	20.1	362	<0.2	<0.2	0.8	819	60.9	69.0	12
37854 R	<0.1	0.9	0.5	4.5	3.7	<0.2	<0.2	70.1	19.2	362	<0.2	<0.2	1.0	814	60.0	68.6	10

Partial Digestion: A 0.5 g pulp is digested with 2.25 ml of 8:1 HNO<sub>3</sub>:HCl for 1 hour at 95 C.  
 The standard is LS4.  
 Boron: A 0.1 gram pulp is fused at 650 C in a mixture of Na<sub>2</sub>O<sub>2</sub>/Na<sub>2</sub>CO<sub>3</sub>.  
 The standard is BM.

## SRC Geoanalytical Laboratories

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8  
Tel: (306) 933-8118 Fax: (306) 933-5656 Email: geolab@src.sk.ca

Report No: 07-1276

### Dahrouge Geological Consulting

Attention: Fritz Griffith  
PO #/Project: 14800  
Samples: 144

Date of Report: September 27, 2007

### ICP4.3 Total Digestion

#### Column Header Details

Silver in ppm (Ag)  
Aluminum in wt % (Al<sub>2</sub>O<sub>3</sub>)  
Barium in ppm (Ba)  
Beryllium in ppm (Be)  
Calcium in wt % (CaO)

Cadmium in ppm (Cd)  
Cerium in ppm (Ce)  
Cobalt in ppm (Co)  
Chromium in ppm (Cr)  
Copper in ppm (Cu)

Dysprosium in ppm (Dy)  
Erbium in ppm (Er)  
Europium in ppm (Eu)  
Iron in wt % (Fe<sub>2</sub>O<sub>3</sub>)  
Gallium in ppm (Ga)

Gadolinium in ppm (Gd)  
Hafnium in ppm (Hf)  
Holmium in ppm (Ho)  
Potassium in wt % (K<sub>2</sub>O)  
Lanthanum in ppm (La)

Lithium in ppm (Li)  
Magnesium in wt % (MgO)  
Manganese in wt % (MnO)  
Molybdenum in ppm (Mo)  
Sodium in wt % (Na<sub>2</sub>O)

Niobium in ppm (Nb)  
Neodymium in ppm (Nd)  
Nickel in ppm (Ni)  
Phosphorus in wt % (P<sub>2</sub>O<sub>5</sub>)  
Lead in ppm (Pb)

Praseodymium in ppm (Pr)  
Scandium in ppm (Sc)  
Samarium in ppm (Sm)  
Tin in ppm (Sn)  
Strontium in ppm (Sr)

Tantalum in ppm (Ta)  
Terbium in ppm (Tb)  
Thorium in ppm (Th)  
Titanium in wt % (TiO<sub>2</sub>)  
Uranium in ppm (U, ICP)

**Dahrouge Geological Consulting**

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Samples: 144

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Report No: 07-1276

Date of Report: September 27, 2007

**ICP4.3 Total Digestion**

Column Header Details

Vanadium in ppm (V)

Tungsten in ppm (W)

Yttrium in ppm (Y)

Ytterbium in ppm (Yb)

Zinc in ppm (Zn)

Zirconium in ppm (Zr)

**SRC Geoanalytical Laboratories**

**Dahrouge Geological Consulting**

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PO #/Project: 14800

Samples: 144

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Report No: 07-1276

Date of Report: September 27, 2007

**ICP4.3 Total Digestion**

Sample Number	Ag ppm	Al2O3 wt %	Ba ppm	Be ppm	CaO wt %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe2O3 wt %	Ga ppm	Gd ppm	Hf ppm
CG515/LS4/BL	<0.2	17.4	2230	2.2	4.80	0.7	155	18	112	3	3.1	2.5	2.6	7.26	23	5.5	3.3
37701	<0.2	18.8	2250	1.5	1.01	1.2	116	3	69	29	2.3	1.3	1.1	2.42	19	3.8	6.8
37702	<0.2	21.8	1150	2.6	4.85	1.0	787	30	108	42	6.6	4.5	3.2	8.02	42	23.5	20.5
37703	<0.2	14.8	2520	1.4	1.15	0.6	22	20	276	13	1.0	1.0	1.0	6.34	21	1.2	2.8
37704	<0.2	14.3	638	1.3	2.86	0.8	362	6	151	12	2.3	1.5	1.6	3.32	19	8.1	3.7
37705	<0.2	15.5	790	2.4	5.78	0.2	2010	26	374	19	24.3	12.0	2.0	9.13	34	57.0	4.1
37711	0.7	19.7	573	3.8	5.74	0.3	111	52	215	36	4.8	4.4	2.5	15.3	50	6.5	7.6
37713	<0.2	19.0	1440	5.8	13.0	0.5	1260	14	90	38	8.3	6.0	2.8	12.1	58	22.3	16.2
37714	0.5	4.32	147	<0.2	0.60	<0.2	21	7	385	13	2.6	2.0	0.3	4.09	8	1.5	40.0
37715	<0.2	11.2	260	0.5	1.55	0.4	12	13	285	44	0.7	1.0	1.1	6.51	23	0.8	10.4
37716	<0.2	10.8	418	<0.2	0.73	0.4	102	11	176	14	7.4	4.1	1.4	6.04	22	9.7	27.5
37718	<0.2	1.65	57	<0.2	0.11	<0.2	9	3	256	27	2.9	2.1	0.4	1.32	4	2.9	14.5
37720	<0.2	8.89	287	<0.2	1.14	0.4	149	7	207	33	5.5	3.1	0.9	3.18	14	10.7	19.9
37721	<0.2	10.5	315	1.3	1.02	0.6	12	4	230	12	3.1	2.4	1.1	2.29	15	2.3	15.9
37722	<0.2	11.0	435	1.0	1.35	0.7	7	2	237	7	0.7	0.7	0.8	2.25	15	0.6	13.0
37723	<0.2	15.6	935	1.4	1.70	0.6	42	17	250	10	1.4	2.0	1.4	9.24	30	1.8	7.3
37724	<0.2	8.63	531	0.8	1.07	0.4	11	2	246	5	2.2	3.3	1.0	2.83	12	1.3	15.7
37726	<0.2	15.4	1410	2.2	2.17	0.9	698	4	170	9	5.0	3.2	1.4	2.49	21	13.4	9.3
37727	0.3	12.1	615	0.8	0.62	0.4	84	10	291	115	3.2	2.3	1.5	7.30	16	4.1	7.2
37728	<0.2	14.8	579	1.6	2.34	0.6	965	3	131	55	5.9	3.8	1.6	5.36	28	17.0	18.6
CG515/LS4/BM	<0.2	17.5	2250	2.2	4.80	0.8	153	20	116	3	3.1	2.5	2.6	7.39	23	5.4	3.3
37729	<0.2	19.0	1970	1.8	2.90	0.6	675	3	48	4	6.2	3.4	2.9	13.4	51	17.3	4.9
37730	<0.2	22.3	1120	2.6	4.38	1.1	1460	8	64	2	8.0	5.0	2.5	4.90	36	33.5	5.2
37731	<0.2	19.3	1570	3.5	1.06	1.1	365	2	56	3	4.9	3.1	1.9	3.86	28	7.6	12.5
37732	<0.2	11.8	875	<0.2	0.40	0.4	151	2	163	37	22.3	12.0	0.7	5.30	24	19.6	118
37733	<0.2	13.8	1820	0.6	0.56	0.7	597	3	136	5	3.1	2.5	1.2	2.38	17	8.3	21.8
37734	<0.2	14.7	1810	1.6	1.18	0.7	156	4	115	9	5.0	3.1	1.4	4.10	22	6.4	8.0
37735	<0.2	13.5	1240	2.3	1.10	0.8	293	3	105	5	6.5	4.2	1.2	3.21	21	8.6	7.7
37736	<0.2	17.9	1780	2.2	1.04	1.0	35	4	101	27	0.4	0.3	0.8	2.98	23	0.7	5.6
37737	<0.2	17.6	532	4.0	3.23	0.7	1030	22	258	130	9.2	6.3	1.6	7.42	35	20.0	7.6
37738	<0.2	15.8	721	3.6	2.01	0.8	377	5	98	1	6.7	4.0	4.2	5.71	24	13.4	8.4
37739	<0.2	15.1	3590	2.9	2.11	0.8	462	5	92	5	6.1	4.7	4.0	5.72	22	11.9	8.2
37740	<0.2	18.3	2470	5.9	3.10	0.9	626	4	57	2	10.9	7.8	6.1	6.00	31	19.3	11.8
37741	<0.2	12.4	210	2.2	1.70	0.4	13	8	200	38	0.7	0.8	1.0	6.13	25	0.9	11.9
37742	<0.2	0.87	41	<0.2	0.08	<0.2	10	1	254	8	4.8	2.9	<0.2	1.30	3	3.5	13.5
37743	<0.2	5.02	424	0.4	0.56	<0.2	9	2	251	10	1.9	1.3	0.4	2.36	8	1.7	13.7
37745	<0.2	14.9	2020	2.3	1.14	0.6	1040	5	118	5	10.3	5.4	1.9	5.40	30	23.6	14.5
37746	<0.2	13.7	1500	2.2	1.75	0.8	99	4	116	14	2.2	1.5	1.0	3.25	20	3.5	6.7
37776	<0.2	15.9	1380	1.3	2.27	0.9	309	4	118	10	5.9	3.1	1.5	4.06	22	10.3	12.7
37742 R	<0.2	0.85	40	<0.2	0.08	<0.2	9	1	256	7	4.6	2.8	<0.2	1.27	3	3.4	13.3

**SRC Geoanalytical Laboratories**

Report No: 07-1276

**Dahrouge Geological Consulting**

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PO #/Project: 14800

Date of Report: September 27, 2007

Samples: 144

**ICP4.3 Total Digestion**

Sample Number	Ag ppm	Al2O3 wt %	Ba ppm	Be ppm	CaO wt %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe2O3 wt %	Ga ppm	Gd ppm	Hf ppm
CG515/LS4/BL	<0.2	17.2	2340	2.2	4.76	0.6	153	18	126	3	3.0	2.4	2.6	7.46	22	5.2	3.7
37778	<0.2	12.0	651	1.2	0.83	0.7	22	1	120	2	2.5	1.5	0.6	1.53	14	2.0	4.0
37779	<0.2	7.66	411	0.8	0.81	0.4	8	5	180	5	1.2	1.1	0.8	2.73	12	1.1	9.2
37780	<0.2	1.49	127	<0.2	0.07	<0.2	189	1	197	24	6.7	2.3	0.3	0.49	2	12.3	6.9
37781	<0.2	7.60	212	0.7	0.56	0.4	14	4	198	3	1.4	1.0	0.6	3.22	15	1.6	11.2
37782	<0.2	11.6	127	0.6	0.26	0.6	5	5	156	5	1.0	0.9	0.5	2.01	14	0.7	9.0
37783	<0.2	14.0	1970	1.1	0.57	0.8	198	2	157	3	2.8	1.4	1.2	2.71	16	5.7	13.7
37784	<0.2	13.1	1110	0.8	0.31	0.6	88	2	133	4	1.2	0.5	1.0	2.24	15	2.4	5.2
37785	<0.2	13.6	441	2.3	1.73	0.8	225	4	110	53	1.7	1.2	1.4	2.62	19	5.2	14.9
37786	<0.2	13.8	2730	1.8	0.83	0.5	844	7	100	7	9.2	6.6	2.7	5.65	23	15.3	16.4
37787	<0.2	11.7	1270	1.1	0.17	0.4	17	11	261	2	5.3	5.6	1.6	6.76	21	3.5	22.0
37788	<0.2	11.3	1940	0.4	0.16	0.7	7	1	144	2	0.6	0.4	1.0	0.84	9	0.6	1.1
37789	<0.2	11.1	1810	0.5	0.22	0.6	9	2	139	2	1.8	1.4	1.3	1.31	11	1.6	3.1
37790	<0.2	12.5	779	0.7	1.37	0.3	35	11	199	40	1.3	1.6	1.4	9.14	25	1.4	16.2
37791	<0.2	9.68	2110	0.4	0.10	0.5	4	1	168	4	<0.2	<0.2	0.6	1.19	8	<0.5	1.7
37792	<0.2	1.01	56	<0.2	0.03	<0.2	6	1	291	4	1.8	1.2	0.2	0.78	1	1.9	9.8
37793	<0.2	10.9	1310	0.9	0.88	0.4	27	6	234	23	0.4	1.5	0.9	3.97	4	1.8	1.2
37796	<0.2	10.7	230	1.2	2.69	0.6	67	6	228	15	3.2	2.5	0.9	3.30	14	3.6	7.4
37797	<0.2	14.3	736	1.3	0.71	0.6	75	7	185	16	2.6	1.8	1.0	6.38	23	3.6	6.7
37798	<0.2	13.6	977	1.7	1.29	0.7	71	6	180	2	3.4	2.6	1.1	4.16	18	3.6	7.4
CG515/LS4/BM	<0.2	17.8	2400	2.3	4.98	0.7	158	17	119	3	3.0	2.5	2.7	7.54	23	5.2	3.3
37799	<0.2	11.6	1040	1.1	0.98	0.6	31	1	181	11	0.4	0.2	0.7	2.42	15	1.0	9.2
37800	<0.2	11.7	1610	0.6	0.26	0.6	591	2	151	13	9.8	4.1	1.0	1.83	13	21.0	12.4
37804	<0.2	10.8	1470	0.8	0.63	0.6	61	1	139	12	0.9	0.5	0.8	1.79	13	1.6	6.4
37805	<0.2	16.6	991	0.5	1.28	<0.2	14	27	255	56	12.8	19.8	2.3	21.0	28	2.5	27.8
37808	<0.2	14.0	2330	1.1	0.25	0.8	40	1	104	16	0.9	0.8	0.8	2.09	15	1.6	4.0
37809	<0.2	18.2	1030	1.6	0.52	1.1	89	9	187	15	4.4	3.5	1.6	8.10	27	4.0	5.1
37815	<0.2	13.9	65	1.4	0.90	0.7	89	6	154	2	2.2	1.5	0.9	2.36	14	3.1	4.8
37819	13.2	19.7	2260	4.9	6.77	0.8	336	11	62	38	3.3	3.6	3.0	9.10	38	8.2	8.5
37822	<0.2	19.7	2080	5.8	4.79	0.9	262	5	55	137	1.6	1.8	2.0	8.57	37	4.5	9.5
37823	<0.2	12.2	943	0.2	0.41	0.7	59	2	161	14	2.6	1.3	1.0	1.41	11	3.7	2.4
37824	0.3	20.6	1160	2.3	0.29	0.9	100	10	169	21	2.4	1.5	1.4	7.78	34	4.2	0.9
37825	<0.2	0.94	51	<0.2	0.05	<0.2	2	<1	224	2	<0.2	<0.2	<0.2	0.50	1	<0.5	<0.5
37826	<0.2	11.8	786	1.2	0.22	0.6	146	2	135	18	3.5	2.0	0.5	2.22	16	5.0	5.9
37827	<0.2	11.4	1940	1.5	0.64	0.6	176	<1	159	5	3.4	2.2	1.6	1.80	14	4.9	7.3
37828	<0.2	12.4	1730	3.2	1.24	0.8	150	3	118	6	5.3	3.6	1.6	2.78	18	6.0	4.9
37829	<0.2	16.6	4600	1.1	1.43	0.8	787	5	88	7	5.3	3.2	2.1	2.58	22	18.0	14.0
37831	<0.2	12.1	298	2.6	0.60	0.7	15	<1	157	2	1.2	0.8	0.2	0.45	13	1.5	1.3
37832	<0.2	12.0	80	4.1	0.72	0.8	32	1	140	2	3.4	4.2	0.2	1.05	16	3.0	7.1
37828 R	<0.2	12.9	1770	3.3	1.29	0.7	147	3	117	7	5.4	3.7	1.6	2.92	19	6.1	4.8

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Report No: 07-1276

**Dahrouge Geological Consulting**

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PO #/Project: 14800

Date of Report: September 27, 2007

Samples: 144

**ICP4.3 Total Digestion**

Sample Number	Ag ppm	Al2O3 wt %	Ba ppm	Be ppm	CaO wt %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe2O3 wt %	Ga ppm	Gd ppm	Hf ppm
CG515/LS4/BL	<0.2	17.4	2370	2.2	4.76	0.6	152	18	124	2	2.9	2.4	2.6	7.42	23	4.8	3.6
37833	<0.2	11.0	362	2.3	0.36	0.7	13	<1	148	2	1.8	1.0	0.5	1.06	12	1.8	3.5
37834	<0.2	13.8	431	2.5	1.02	0.8	35	1	137	1	1.0	0.7	0.5	1.86	16	1.7	4.9
37835	<0.2	19.7	270	8.1	1.14	1.3	19	2	55	35	6.3	3.1	1.1	0.72	19	6.0	17.2
37837	<0.2	12.7	81	1.2	0.31	0.8	3	1	123	2	0.7	0.4	0.2	0.60	11	0.6	3.8
37840	<0.2	20.7	362	7.6	14.1	1.6	6	<1	50	<1	1.4	0.7	0.6	0.86	23	1.3	3.4
37841	<0.2	12.9	387	3.7	0.88	0.8	37	<1	123	3	1.8	1.1	0.7	1.38	14	2.6	3.2
37842	<0.2	3.91	119	0.8	0.86	<0.2	118	2	333	11	2.0	1.2	0.8	1.54	6	3.8	2.7
37844	<0.2	15.6	3030	0.8	1.02	0.7	1520	6	134	14	10.0	5.9	2.0	3.40	19	32.2	5.1
37845	<0.2	13.5	2070	1.0	0.66	0.8	25	2	145	7	0.4	0.3	1.6	1.76	14	0.6	<0.5
37846	<0.2	15.4	1230	2.7	2.24	0.7	146	7	211	11	2.4	1.8	1.1	4.12	22	4.5	6.3
37847	<0.2	14.9	1410	1.6	1.83	0.6	1340	7	167	8	18.8	9.4	1.2	4.16	22	46.8	4.6
37848	<0.2	16.8	2380	0.9	0.38	1.0	152	1	83	2	1.7	0.7	1.7	0.48	12	4.6	2.5
37849	<0.2	11.6	1680	0.9	0.27	0.4	1910	8	160	52	11.2	6.8	1.1	3.70	18	37.1	6.1
37850	<0.2	14.5	572	1.9	1.45	0.7	191	7	112	3	3.1	2.0	1.4	3.92	22	5.4	6.4
37851	<0.2	15.0	903	2.4	0.29	0.6	61	10	166	31	2.2	1.6	1.2	5.18	21	2.9	4.8
37852	0.4	14.8	225	1.1	0.48	0.6	49	4	199	26	1.1	1.1	1.2	8.72	21	1.1	4.2
37853	<0.2	5.03	132	<0.2	0.45	<0.2	8	8	239	93	1.8	1.9	0.6	4.71	11	1.1	22.1
37855	<0.2	7.48	571	0.3	0.58	0.3	41	2	187	5	2.4	1.7	0.9	2.22	12	3.2	12.5
37856	<0.2	17.2	449	1.0	2.24	0.5	65	28	226	163	1.8	1.7	2.0	12.8	35	2.8	17.2
CG515/LS4/BM	<0.2	17.6	2290	2.2	4.71	0.6	154	18	129	2	3.0	2.5	2.8	7.50	23	5.1	4.1
37857	<0.2	2.28	46	<0.2	0.09	<0.2	9	2	197	15	3.2	3.7	0.3	1.87	3	1.5	22.5
37858	<0.2	10.5	869	0.3	0.77	0.8	15	<1	159	2	0.6	0.3	1.2	0.34	7	0.9	1.0
37859	<0.2	8.90	606	0.9	0.65	0.5	1060	5	221	2	33.6	16.3	2.1	3.45	12	46.0	3.3
37860	<0.2	7.94	83	2.9	0.25	<0.2	720	11	384	3	18.3	11.5	2.2	8.61	38	28.0	31.5
37861	0.2	11.1	360	1.1	0.22	0.4	195	10	239	6	2.3	1.4	1.1	4.57	17	5.8	4.1
37862	<0.2	14.8	538	1.7	2.36	0.8	198	7	144	59	1.2	0.9	1.1	2.72	20	4.0	4.3
37863	1.7	17.7	1040	1.8	4.33	0.8	119	5	141	272	2.9	1.8	2.1	6.16	25	5.4	2.8
37864	0.4	18.5	731	0.6	0.46	0.8	122	7	195	84	5.1	4.8	2.6	17.8	32	5.3	12.0
37865	0.3	12.1	379	1.3	9.01	<0.2	20	70	1290	119	2.4	2.9	2.5	13.8	21	4.5	4.0
37866	<0.2	12.1	383	1.3	9.71	<0.2	19	74	1330	42	2.1	2.7	2.6	13.6	19	4.2	3.8
37867	0.3	17.0	1050	1.5	2.99	0.6	35	38	407	376	1.0	1.1	1.7	8.70	23	1.4	4.0
37876	<0.2	5.77	737	<0.2	0.30	<0.2	27	6	274	32	1.6	1.3	0.6	3.28	10	2.1	11.2
37877	0.3	11.1	664	0.8	0.80	<0.2	12	16	289	17	1.2	2.0	1.3	9.00	26	0.7	13.5
37878	<0.2	15.6	442	1.2	0.34	0.8	20	<1	147	66	0.4	0.4	0.8	4.66	21	<0.5	6.2
37879	<0.2	13.7	706	0.4	1.03	0.9	13	1	162	6	1.3	1.0	1.2	0.67	13	1.1	17.4
37880	<0.2	13.8	743	1.3	0.73	0.9	75	1	161	2	7.3	5.9	1.0	0.67	16	6.3	3.0
37882	<0.2	15.3	85	2.9	3.93	0.6	80	16	217	2	4.0	2.7	1.9	6.12	32	6.4	6.2
37883	<0.2	13.6	348	2.6	1.84	0.6	74	12	238	4	4.5	3.2	1.6	4.50	27	6.0	6.6
37880 R	<0.2	13.6	741	1.3	0.71	0.9	73	<1	155	2	6.9	5.7	1.0	0.67	16	5.8	2.7

**SRC Geoanalytical Laboratories**

125 - 15 Innovation Blvd., Saskatoon, Saskatchewan, S7N 2X8  
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Report No: 07-1276

**Dahrouge Geological Consulting**

Attention: Fritz Griffith

PO #/Project: 14800

Samples: 144

Date of Report: September 27, 2007

**ICP4.3 Total Digestion**

Sample Number	Ag ppm	Al2O3 wt %	Ba ppm	Be ppm	CaO wt %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe2O3 wt %	Ga ppm	Gd ppm	Hf ppm
CG515/LS4/BL	<0.2	17.1	2210	2.2	4.63	0.7	152	17	123	2	3.0	2.3	2.7	7.27	23	5.4	4.7
37885	<0.2	12.6	3680	1.7	0.78	0.8	107	<1	133	17	1.0	0.6	1.0	1.34	9	2.8	2.8
37886	<0.2	16.1	1330	3.0	4.15	0.6	63	16	193	36	1.6	1.7	1.8	7.83	25	2.8	6.0
37887	<0.2	15.1	1030	2.5	2.48	0.7	89	9	114	22	3.5	3.4	1.5	5.66	22	3.8	7.4
37888	<0.2	13.8	1480	0.3	0.85	0.9	36	4	241	47	5.8	4.9	1.6	6.39	17	3.0	6.4
37889	<0.2	19.2	777	3.2	1.20	1.2	203	<1	84	2	4.8	2.4	1.1	3.43	27	8.0	1.8
37890	<0.2	12.4	1150	0.7	1.13	0.8	605	<1	146	4	7.4	3.0	1.2	0.72	15	19.5	18.6
37901	<0.2	11.0	772	0.7	1.39	0.6	17	1	191	11	0.4	0.3	1.2	2.99	16	0.5	5.3
37902	<0.2	14.7	854	0.2	0.27	0.4	111	15	266	16	3.0	2.6	1.3	9.05	28	4.9	9.3
37903	<0.2	15.0	1280	1.1	2.12	0.7	809	5	178	28	4.4	3.0	1.5	4.39	23	12.8	41.6
37904	0.3	21.0	1060	8.2	0.21	0.9	130	12	346	45	4.4	3.4	1.6	13.3	38	5.6	10.1
37905	<0.2	11.4	506	0.3	1.55	0.5	20	7	263	16	0.6	0.6	1.4	5.22	18	0.9	10.0
37906	<0.2	17.7	1140	2.3	0.42	0.8	103	13	216	29	4.2	2.8	1.6	8.02	28	5.0	7.5
37907	0.6	20.1	1020	2.1	0.10	0.9	130	4	213	54	3.5	2.1	1.4	8.81	34	5.8	6.2
37908	<0.2	14.2	1480	<0.2	0.46	0.9	11	3	178	2	3.0	2.1	1.6	3.48	14	1.2	20.9
37909	<0.2	7.28	403	0.7	0.72	0.2	76	2	227	13	1.2	0.6	0.8	2.76	10	2.6	5.1
37910	<0.2	16.1	2410	2.2	1.74	0.9	335	2	105	2	1.8	1.3	1.3	2.62	23	6.6	5.0
37911	<0.2	15.5	4330	1.2	0.92	0.8	581	3	98	3	3.2	2.2	1.7	3.37	22	12.0	9.4
37926	<0.2	12.9	761	0.8	1.93	0.8	107	1	159	2	2.5	1.5	1.0	1.80	17	3.8	5.6
37927	<0.2	12.8	1120	1.0	0.66	0.8	99	1	138	1	1.0	0.7	0.8	2.10	15	2.0	3.0
CG515/LS4/BM	<0.2	17.4	2270	2.2	4.78	0.7	160	16	122	3	3.1	2.4	2.7	7.42	24	5.3	4.1
37928	<0.2	16.2	1140	1.4	6.80	0.4	143	23	117	22	5.1	3.8	2.7	10.2	24	7.2	6.5
38010	<0.2	13.0	191	2.3	4.03	1.2	104	7	112	3	21.5	8.9	1.2	4.69	26	18.4	2.9
37928 R	<0.2	16.4	1140	1.5	6.76	0.4	141	22	119	22	5.0	3.6	2.7	10.2	25	6.9	6.4

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Report No: 07-1276

**Dahrouge Geological Consulting**

Attention: Fritz Griffith

PO #/Project: 14800

Samples: 144

Date of Report: September 27, 2007

**ICP4.3 Total Digestion**

Sample Number	Ho ppm	K2O wt %	La ppm	Li ppm	MgO wt %	MnO wt %	Mo ppm	Na2O wt %	Nb ppm	Nd ppm	Ni ppm	P2O5 wt %	Pb ppm	Pr ppm	Sc ppm	Sm ppm	Sn ppm
CG515/LS4/BL	1.1	3.08	85	29	2.85	0.076	<1	3.37	7	60	25	0.672	17	17	13	9.1	<1
37701	0.6	9.32	59	5	0.738	0.028	<1	4.06	3	37	5	0.070	40	11	4	5.4	<1
37702	2.4	3.42	428	32	3.96	0.084	19	5.16	2	262	62	0.249	40	85	9	37.4	2
37703	<0.4	4.63	10	29	3.77	0.059	<1	1.31	1	9	53	0.169	7	<1	14	2.0	<1
37704	0.9	1.92	192	26	1.74	0.051	15	3.18	8	111	14	0.089	23	38	4	14.2	<1
37705	6.6	1.89	1040	21	4.94	0.135	<1	2.33	18	626	112	0.355	44	210	22	88.4	2
37711	1.7	1.97	61	48	6.85	0.201	<1	2.69	25	47	86	0.415	42	10	32	8.9	<1
37713	3.4	3.56	727	22	2.60	0.111	<1	0.45	9	373	19	0.810	80	128	9	43.0	<1
37714	0.8	0.879	8	9	0.919	0.039	55	0.59	12	9	35	0.038	115	1	9	2.3	<1
37715	0.4	2.13	7	20	1.81	0.056	9	2.33	36	6	48	0.065	29	<1	18	1.3	<1
37716	1.5	2.51	40	23	1.92	0.049	12	2.17	24	42	33	0.085	93	10	13	9.0	<1
37718	0.5	0.450	2	5	0.363	0.009	87	0.22	6	6	15	0.016	167	<1	2	1.8	<1
37720	1.2	1.63	65	14	1.01	0.026	36	1.83	11	63	23	0.073	367	17	9	12.2	<1
37721	0.8	2.02	6	10	0.613	0.030	30	2.56	9	5	10	0.039	141	1	5	1.6	<1
37722	<0.4	1.96	4	11	0.614	0.021	4	2.46	8	3	9	0.046	36	<1	6	0.9	<1
37723	0.8	4.41	23	30	2.38	0.180	2	2.08	19	16	55	0.101	30	2	22	3.0	<1
37724	0.8	2.04	6	15	0.867	0.058	86	1.96	12	4	13	0.028	82	<1	10	1.1	<1
37726	2.0	4.96	395	8	0.852	0.033	2	3.50	5	201	5	0.174	53	72	4	22.6	<1
37727	1.0	2.48	43	19	2.06	0.049	<1	1.04	5	32	25	0.090	19	7	20	5.1	<1
37728	2.6	2.68	633	17	1.38	0.048	4	3.85	16	245	3	0.245	90	89	6	29.5	<1
CG515/LS4/BM	1.1	3.16	84	29	2.85	0.076	1	3.37	6	59	23	0.662	16	17	13	8.8	1
37729	2.0	5.36	372	19	2.04	0.093	3	3.98	2	219	1	0.208	42	72	8	30.3	7
37730	3.2	3.45	833	30	1.92	0.035	3	5.98	11	457	6	0.295	79	156	5	59.2	<1
37731	1.6	8.42	246	13	1.07	0.035	15	4.32	16	91	1	0.161	32	34	5	11.0	1
37732	4.3	5.80	45	5	0.282	0.022	6	2.74	142	67	3	0.064	45	19	<1	19.4	3
37733	1.7	7.01	359	10	0.577	0.035	<1	2.79	2	149	3	0.078	30	57	1	15.0	<1
37734	1.3	6.58	86	17	1.14	0.041	3	2.62	11	52	4	0.178	15	16	6	7.7	<1
37735	1.7	5.58	143	10	0.836	0.036	3	2.71	22	91	4	0.174	17	30	5	12.5	<1
37736	<0.4	3.85	18	9	1.12	0.027	5	4.93	3	10	10	0.054	7	3	2	1.4	<1
37737	3.1	3.50	534	40	3.38	0.067	6	3.91	53	294	82	0.152	37	103	19	34.5	<1
37738	1.9	2.01	169	15	1.82	0.040	1	5.84	7	149	4	0.458	9	45	14	20.4	<1
37739	2.4	5.18	241	8	1.76	0.086	<1	3.44	23	154	4	0.477	18	48	13	18.7	4
37740	3.5	4.20	320	7	2.37	0.090	<1	4.82	52	217	2	0.450	26	67	19	28.6	5
37741	0.4	1.99	6	14	1.21	0.092	19	3.23	26	6	31	0.070	34	<1	12	1.4	<1
37742	0.8	0.219	3	2	0.214	0.013	101	0.08	4	5	9	0.016	143	<1	2	2.0	<1
37743	<0.4	1.60	3	3	0.506	0.033	47	1.04	9	4	15	0.057	61	<1	5	1.4	<1
37745	3.4	5.06	562	10	1.43	0.042	2	2.47	28	302	8	0.240	47	106	8	37.7	<1
37746	0.7	4.43	51	9	1.23	0.053	16	3.17	13	32	11	0.103	30	10	6	4.8	<1
37776	1.6	5.41	161	8	1.09	0.052	2	3.28	11	105	6	0.159	50	33	8	14.3	<1
37742 R	0.7	0.211	2	2	0.208	0.013	98	0.07	4	5	9	0.015	139	<1	2	1.9	<1

**SRC Geoanalytical Laboratories**

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Report No: 07-1276

**Dahrouge Geological Consulting**

Attention: Fritz Griffith

PO #/Project: 14800

Samples: 144

Date of Report: September 27, 2007

**ICP4.3 Total Digestion**

Sample Number	Ho ppm	K2O wt %	La ppm	Li ppm	MgO wt %	MnO wt %	Mo ppm	Na2O wt %	Nb ppm	Nd ppm	Ni ppm	P2O5 wt %	Pb ppm	Pr ppm	Sc ppm	Sm ppm	Sn ppm
CG515/LS4/BL	1.1	3.11	83	27	2.80	0.076	<1	3.35	7	59	26	0.692	16	16	13	8.7	2
37778	0.6	5.78	10	8	0.247	0.018	4	2.35	6	8	3	0.052	36	2	4	1.7	<1
37779	0.4	2.28	4	16	0.706	0.044	38	1.43	6	4	6	0.076	22	<1	5	1.0	<1
37780	1.1	0.698	82	1	0.079	0.004	20	0.19	<1	75	4	0.044	34	21	<1	14.4	<1
37781	0.5	1.96	6	17	0.876	0.017	56	1.62	19	7	7	0.055	82	1	5	1.4	<1
37782	<0.4	0.956	1	7	0.998	0.014	27	5.39	3	2	6	0.053	30	<1	4	0.6	1
37783	0.8	6.31	100	8	0.905	0.024	<1	2.86	<1	56	6	0.084	29	18	4	7.6	<1
37784	<0.4	7.23	45	11	0.601	0.018	<1	2.12	<1	25	2	0.054	34	8	2	3.4	<1
37785	0.8	2.07	124	18	1.25	0.039	3	3.69	4	74	3	0.081	20	24	4	9.0	<1
37786	3.3	5.91	463	17	1.69	0.067	<1	2.61	15	229	6	0.292	20	79	5	24.8	<1
37787	1.7	3.73	7	37	2.15	0.127	21	2.05	29	10	21	0.058	53	<1	23	2.2	<1
37788	<0.4	6.76	4	3	0.244	0.016	13	1.94	2	2	5	0.029	59	<1	1	0.6	<1
37789	0.4	6.34	4	8	0.534	0.019	48	1.84	7	4	6	0.028	71	<1	2	1.1	<1
37790	0.7	3.29	18	20	1.81	0.183	90	1.98	18	14	15	0.092	60	2	19	2.7	<1
37791	<0.4	5.78	2	2	0.385	0.013	150	1.63	5	1	6	0.024	36	<1	2	<0.5	<1
37792	0.4	0.198	<1	1	0.177	0.007	280	0.25	2	4	5	0.014	127	<1	<1	1.4	<1
37793	0.6	4.03	13	9	1.19	0.049	101	1.99	15	11	15	0.052	130	2	8	2.1	<1
37796	1.0	1.11	35	7	1.02	0.109	2	1.68	10	24	15	0.107	11	6	7	4.4	<1
37797	0.9	4.20	38	22	2.01	0.037	<1	1.38	12	29	21	0.092	31	5	22	4.6	<1
37798	1.0	3.65	36	16	1.57	0.048	2	2.03	8	26	9	0.092	29	6	11	4.3	<1
CG515/LS4/BM	1.1	3.13	85	28	2.91	0.077	<1	3.44	7	61	25	0.691	14	17	13	8.8	2
37799	<0.4	4.33	15	3	0.194	0.016	<1	2.92	<1	11	4	0.068	25	3	<1	1.8	<1
37800	2.4	6.63	291	4	0.705	0.020	<1	1.87	4	191	4	0.120	36	62	3	28.4	<1
37804	<0.4	5.10	29	4	0.420	0.017	<1	2.21	1	16	5	0.068	21	5	1	2.3	<1
37805	5.4	2.68	11	18	2.50	0.479	14	2.24	98	10	36	0.153	8	<1	71	<0.5	4
37808	<0.4	6.61	13	7	0.662	0.014	<1	3.22	<1	12	3	0.081	56	3	1	2.0	<1
37809	1.4	4.26	46	31	2.65	0.063	<1	1.20	9	33	18	0.132	27	7	21	5.2	<1
37815	0.7	0.196	48	14	1.35	0.026	<1	6.90	4	28	8	0.124	4	8	4	4.0	<1
37819	1.2	5.41	193	33	2.24	0.094	<1	3.23	8	110	6	0.374	230	34	8	14.9	<1
37822	0.9	5.28	165	33	2.03	0.076	<1	4.15	1	81	4	0.208	83	26	3	10.0	<1
37823	0.6	7.10	28	6	0.379	0.011	2	1.28	5	21	10	0.132	69	6	3	3.9	<1
37824	0.8	6.69	50	22	2.37	0.058	<1	0.92	4	38	29	0.141	22	8	26	5.8	1
37825	<0.4	0.236	<1	1	0.100	0.004	<1	0.09	<1	<1	4	0.006	2	<1	1	<0.5	<1
37826	1.1	5.68	78	7	0.655	0.037	<1	2.41	21	43	6	0.063	16	14	2	6.2	<1
37827	1.0	5.91	106	7	0.367	0.023	13	1.88	12	51	3	0.081	54	17	2	6.6	<1
37828	1.5	5.29	74	14	0.730	0.044	1	2.69	22	52	3	0.205	37	16	4	7.6	<1
37829	2.1	7.87	440	16	0.889	0.019	<1	2.94	5	237	3	0.181	71	80	3	29.7	<1
37831	<0.4	4.33	6	12	0.071	0.006	7	3.52	4	6	3	0.038	57	1	1	1.5	<1
37832	1.1	1.50	14	20	0.125	0.186	<1	4.82	1	11	2	0.050	24	3	6	2.9	<1
37828 R	1.4	5.20	72	15	0.736	0.046	<1	2.68	22	52	3	0.208	38	16	4	7.7	1

**SRC Geoanalytical Laboratories**

**Dahrouge Geological Consulting**  
 Attention: Fritz Griffith  
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Report No: 07-1276

Date of Report: September 27, 2007

**ICP4.3 Total Digestion**

Sample Number	Ho ppm	K2O wt %	La ppm	Li ppm	MgO wt %	MnO wt %	Mo ppm	Na2O wt %	Nb ppm	Nd ppm	Ni ppm	P2O5 wt %	Pb ppm	Pr ppm	Sc ppm	Sm ppm	Sn ppm
CG515/LS4/BL	1.1	3.05	83	27	2.80	0.076	<1	3.33	7	58	24	0.680	16	16	13	8.5	2
37833	0.4	4.63	4	10	0.205	0.022	<1	2.76	3	4	3	0.030	52	1	2	1.5	<1
37834	<0.4	4.69	17	30	0.322	0.026	<1	3.65	9	13	4	0.052	78	3	5	2.5	<1
37835	1.2	3.18	3	14	0.398	0.019	<1	8.58	2	8	3	0.666	32	2	1	4.0	<1
37837	<0.4	0.394	<1	5	0.341	0.004	2	6.95	<1	1	4	0.050	7	<1	1	<0.5	<1
37840	<0.4	6.28	4	50	1.46	0.059	2	1.76	2	4	1	0.059	37	1	1	5.7	<1
37841	0.4	4.79	16	30	0.326	0.023	2	3.37	4	15	4	0.048	60	4	3	3.2	<1
37842	0.6	0.702	56	6	0.681	0.018	2	0.84	11	38	11	0.081	11	11	5	5.5	<1
37844	3.6	9.06	839	8	1.23	0.032	2	2.12	13	469	16	0.291	94	159	4	54.5	<1
37845	<0.4	7.16	16	11	0.693	0.016	115	2.18	7	7	7	0.055	24	2	2	1.0	<1
37846	0.9	4.27	74	19	1.79	0.051	4	3.30	10	48	18	0.174	57	14	10	7.1	<1
37847	5.0	7.37	671	23	1.78	0.037	2	2.11	22	454	16	0.963	66	145	7	66.6	<1
37848	0.5	10.6	83	4	0.203	0.009	<1	2.34	<1	49	3	0.082	53	16	<1	6.6	<1
37849	4.1	7.52	1040	17	1.44	0.030	4	1.27	19	576	13	0.311	95	194	5	62.5	<1
37850	1.0	2.35	92	17	1.20	0.038	<1	4.74	13	60	8	0.157	8	18	8	7.9	<1
37851	0.8	4.30	31	17	1.74	0.049	<1	1.18	6	23	28	0.100	6	5	13	3.5	1
37852	0.5	1.61	25	12	1.27	0.035	<1	5.69	<1	18	11	0.118	33	2	16	2.9	<1
37853	0.6	1.10	2	9	0.844	0.047	50	0.88	14	4	36	0.044	170	<1	12	1.1	<1
37855	0.6	3.06	18	12	0.603	0.012	105	1.15	13	17	8	0.049	185	4	4	3.2	<1
37856	0.9	3.51	33	28	2.21	0.118	13	3.26	33	27	61	0.125	49	4	26	4.7	<1
CG515/LS4/BM	1.1	3.15	82	28	2.85	0.075	<1	3.33	6	59	23	0.668	16	16	13	8.4	2
37857	1.0	0.472	2	2	0.141	0.027	38	0.30	1	4	5	0.036	115	<1	7	1.0	<1
37858	<0.4	4.75	9	5	0.102	0.005	4	1.82	<1	4	4	0.040	73	1	<1	1.1	<1
37859	7.0	3.83	524	36	1.25	0.032	1900	1.37	21	350	9	0.378	354	110	11	54.7	1
37860	4.6	1.60	329	169	3.74	0.141	8	0.32	102	250	19	0.128	29	73	19	41.6	14
37861	0.9	1.60	92	32	2.72	0.049	7	3.04	12	57	27	0.090	8	17	5	7.4	<1
37862	0.6	1.84	107	25	1.40	0.032	<1	3.81	6	60	23	0.090	29	20	3	7.4	<1
37863	0.9	2.32	65	30	2.96	0.058	<1	3.46	5	45	13	0.519	198	11	12	8.3	<1
37864	2.1	3.22	67	34	1.92	0.082	2	1.43	38	54	11	0.198	160	10	42	6.5	5
37865	1.0	1.02	10	24	14.1	0.206	1	1.70	10	17	545	0.222	8	<1	32	6.4	<1
37866	1.0	0.984	10	17	14.1	0.213	<1	1.73	11	16	567	0.230	6	<1	33	6.1	<1
37867	0.6	2.93	20	30	3.47	0.059	2	3.79	4	15	137	0.122	15	<1	28	2.7	<1
37876	0.5	2.27	11	6	0.894	0.032	61	0.85	10	12	19	0.056	86	2	9	2.2	<1
37877	0.8	3.60	7	21	2.78	0.115	46	1.33	41	7	56	0.070	36	<1	23	0.8	<1
37878	<0.4	3.04	10	13	0.526	0.016	10	4.14	4	7	7	0.071	18	1	3	1.4	<1
37879	<0.4	5.28	7	6	0.197	0.007	5	3.09	2	3	7	0.044	60	1	1	1.0	<1
37880	1.8	6.16	33	16	0.265	0.015	5	2.96	2	25	4	0.086	69	6	1	4.5	<1
37882	1.0	0.867	53	126	5.46	0.116	<1	4.58	5	37	44	0.249	34	9	15	7.8	2
37883	1.3	2.72	32	126	4.61	0.090	1	3.18	11	26	44	0.284	32	5	14	5.5	3
37880 R	1.7	6.03	30	16	0.269	0.015	6	2.88	2	23	5	0.084	68	6	1	4.1	<1

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Report No: 07-1276

**Dahrouge Geological Consulting**

Attention: Fritz Griffith

PO #/Project: 14800

Samples: 144

Date of Report: September 27, 2007

**ICP4.3 Total Digestion**

Sample Number	Ho ppm	K2O wt %	La ppm	Li ppm	MgO wt %	MnO wt %	Mo ppm	Na2O wt %	Nb ppm	Nd ppm	Ni ppm	P2O5 wt %	Pb ppm	Pr ppm	Sc ppm	Sm ppm	Sn ppm
CG515/LS4/BL	1.2	3.07	81	28	2.80	0.074	<1	3.24	8	59	22	0.674	17	15	13	8.3	4
37885	<0.4	6.91	58	6	0.473	0.020	<1	2.35	1	34	9	0.173	70	10	2	4.5	<1
37886	0.9	3.09	30	54	4.33	0.096	<1	3.31	23	26	56	0.658	13	5	16	4.1	4
37887	1.4	3.36	48	49	1.88	0.061	1	3.29	15	32	18	0.257	13	8	14	4.5	<1
37888	1.6	5.53	20	9	1.08	0.095	5	1.68	4	12	8	0.102	64	<1	23	2.5	<1
37889	1.2	1.52	104	5	0.877	0.018	8	8.91	3	70	3	0.298	14	20	3	10.3	<1
37890	2.1	5.17	313	4	0.224	0.008	1	2.57	<1	200	3	0.131	65	61	1	27.9	<1
37901	<0.4	2.49	10	12	0.758	0.022	8	2.46	9	6	8	0.048	37	1	7	1.0	<1
37902	1.3	5.18	55	27	2.63	0.092	1	0.66	18	43	45	0.098	24	9	27	5.9	<1
37903	1.9	4.96	451	18	1.88	0.038	31	3.09	21	233	15	0.217	94	73	6	22.9	<1
37904	1.6	6.33	67	40	4.02	0.147	<1	0.57	20	50	47	0.136	34	9	39	6.9	2
37905	<0.4	2.30	12	18	1.49	0.048	1	1.94	22	8	17	0.056	30	<1	14	1.2	<1
37906	1.3	5.40	54	33	2.64	0.060	1	1.13	15	40	38	0.124	19	8	24	5.8	<1
37907	1.2	6.67	66	34	2.80	0.023	3	0.69	20	49	13	0.142	56	11	24	6.9	1
37908	0.9	7.15	5	11	0.866	0.042	10	1.93	5	3	6	0.090	118	<1	16	0.7	<1
37909	0.5	2.22	40	9	0.792	0.020	1	1.39	8	25	8	0.057	19	6	6	3.3	<1
37910	0.9	5.57	195	18	1.06	0.037	<1	3.52	10	99	3	0.092	45	31	4	11.5	<1
37911	1.6	8.97	336	25	1.30	0.037	<1	2.36	12	174	3	0.138	46	55	5	20.0	1
37926	0.8	6.45	77	1	0.114	0.022	1	2.44	6	34	3	0.041	8	10	4	4.8	<1
37927	0.4	5.73	56	5	0.364	0.023	12	2.88	4	27	4	0.066	11	8	2	3.0	<1
CG515/LS4/BM	1.2	3.16	85	27	2.84	0.075	<1	3.33	9	61	25	0.680	17	16	13	8.3	2
37928	1.8	2.90	75	24	4.41	0.138	<1	3.63	11	59	48	0.452	9	14	20	9.5	<1
38010	3.8	3.40	44	94	1.56	0.112	<1	2.90	26	52	3	2.38	35	11	16	14.6	<1
37928 R	1.7	2.88	74	24	4.39	0.163	<1	3.65	11	59	48	0.458	8	14	20	9.3	<1

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Report No: 07-1276

**Dahrouge Geological Consulting**

Attention: Fritz Griffith  
 PO #/Project: 14800  
 Samples: 144

Date of Report: September 27, 2007

**ICP4.3 Total Digestion**

Sample Number	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 wt %	U, ICP ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm
CG515/LS4/BL	1180	1	<0.3	14	0.987	<2	136	1	21	1.8	89	138
37701	293	<1	<0.3	23	0.134	4	37	1	12	1.0	28	243
37702	568	1	2.0	242	1.81	19	197	1	28	1.6	180	718
37703	246	<1	<0.3	2	0.475	7	118	<1	10	1.1	114	128
37704	471	<1	<0.3	152	0.482	6	78	3	10	0.5	40	148
37705	551	2	6.0	715	0.886	20	159	<1	101	5.2	149	147
37711	1110	2	0.4	19	2.10	147	248	2	36	3.5	237	330
37713	1680	1	2.4	449	1.15	93	154	<1	44	2.6	128	750
37714	28	1	2.1	113	0.359	356	74	<1	19	2.7	48	1410
37715	116	1	<0.3	20	0.794	26	147	<1	9	1.4	101	380
37716	171	1	2.4	210	0.768	843	116	<1	37	3.1	83	1000
37718	12	1	1.3	114	0.186	923	29	<1	12	1.4	26	504
37720	113	<1	1.9	182	0.431	580	57	<1	24	2.8	107	679
37721	239	1	0.6	68	0.277	360	40	2	19	2.5	31	554
37722	214	1	<0.3	8	0.259	38	38	1	6	0.9	48	449
37723	208	1	<0.3	14	0.767	13	150	<1	17	2.5	148	264
37724	213	2	0.5	21	0.339	117	54	<1	21	6.0	59	531
37726	430	1	0.9	242	0.394	6	39	1	22	1.0	55	407
37727	89	<1	<0.3	17	0.676	2	126	<1	22	2.4	74	283
37728	294	1	1.9	344	0.894	5	51	<1	26	1.2	66	757
CG515/LS4/BM	1200	1	<0.3	13	1.13	<2	137	<1	21	1.8	91	145
37729	658	<1	1.1	207	0.896	5	171	<1	29	1.3	161	204
37730	480	<1	1.9	551	0.757	6	75	<1	27	0.8	123	219
37731	342	<1	0.5	149	0.424	16	38	<1	28	1.9	51	502
37732	179	1	7.0	749	0.218	38	22	<1	68	11.5	59	3060
37733	311	<1	1.2	70	0.230	3	35	<1	15	1.2	42	1000
37734	199	<1	0.4	39	0.456	4	39	<1	29	2.5	59	323
37735	174	2	0.8	85	0.474	6	37	<1	35	3.5	44	290
37736	333	<1	<0.3	14	0.299	<2	46	<1	3	0.4	36	231
37737	342	4	1.7	643	1.28	97	134	15	45	3.5	82	295
37738	500	1	1.1	20	0.834	2	82	10	32	2.4	46	389
37739	648	3	0.9	43	1.26	5	76	6	36	3.0	97	400
37740	1000	4	2.0	68	1.62	8	86	4	63	5.7	117	574
37741	123	2	<0.3	58	0.627	44	85	<1	8	1.3	93	410
37742	7	1	1.4	337	0.126	510	15	<1	21	2.2	19	482
37743	74	1	0.5	127	0.243	161	35	<1	11	1.4	46	486
37745	359	1	2.7	217	0.851	9	61	4	41	1.4	92	568
37746	272	2	<0.3	44	0.443	8	51	2	14	1.3	57	243
37776	550	<1	0.9	139	0.487	7	68	1	31	1.8	71	468
37742 R	6	<1	1.4	328	0.123	493	15	<1	21	2.2	17	477

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Report No: 07-1276

**Dahrouge Geological Consulting**

Attention: Fritz Griffith  
 PO #/Project: 14800  
 Samples: 144

Date of Report: September 27, 2007

**ICP4.3 Total Digestion**

Sample Number	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 wt %	U, ICP ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm
CG515/LS4/BL	1170	<1	<0.3	13	1.08	<2	140	<1	21	1.8	89	142
37778	140	<1	<0.3	34	0.137	10	14	<1	17	1.1	27	137
37779	91	<1	<0.3	43	0.435	48	48	<1	9	1.1	48	334
37780	18	<1	1.9	156	0.033	110	5	<1	24	1.0	8	240
37781	64	<1	<0.3	37	0.474	158	67	2	9	1.0	63	392
37782	62	<1	<0.3	38	0.177	48	30	<1	9	1.1	17	274
37783	270	<1	0.4	169	0.155	2	29	<1	14	1.0	36	476
37784	255	<1	<0.3	80	0.183	<2	30	<1	6	0.3	39	187
37785	437	<1	0.4	150	0.352	3	27	<1	9	0.7	58	640
37786	261	1	2.2	75	0.649	4	69	<1	52	4.2	105	763
37787	116	2	1.1	84	0.812	511	85	<1	40	7.4	83	691
37788	219	<1	<0.3	19	0.082	20	16	<1	4	0.5	23	37
37789	225	<1	<0.3	45	0.237	380	23	<1	8	1.0	23	103
37790	187	2	<0.3	22	0.656	33	129	<1	15	2.2	112	529
37791	147	<1	<0.3	3	0.184	2	26	<1	1	0.2	21	67
37792	13	<1	0.7	82	0.072	280	8	<1	7	0.9	18	336
37793	187	<1	<0.3	37	0.525	102	62	<1	12	1.9	78	208
37796	132	1	<0.3	18	0.449	2	67	<1	25	2.6	41	289
37797	95	1	<0.3	20	0.627	3	112	<1	18	1.8	68	251
37798	184	2	<0.3	16	0.405	2	55	<1	25	2.7	66	282
CG515/LS4/BM	1210	1	<0.3	14	1.10	<2	141	<1	22	1.8	89	136
37799	246	<1	<0.3	126	0.154	2	19	<1	3	0.4	26	363
37800	149	<1	2.4	196	0.188	3	28	<1	40	1.7	27	420
37804	266	<1	<0.3	46	0.172	6	17	<1	5	0.5	24	235
37805	117	8	2.0	5	3.29	5	425	<1	141	27.6	139	1040
37808	167	<1	<0.3	9	0.094	350	25	1	6	0.4	26	160
37809	87	<1	<0.3	17	0.624	3	137	<1	35	3.9	91	180
37815	318	<1	<0.3	27	0.192	2	47	<1	14	1.3	26	183
37819	962	1	0.5	56	0.948	1040	93	<1	22	1.2	98	344
37822	1130	<1	<0.3	101	0.636	450	112	<1	14	0.9	97	406
37823	122	<1	<0.3	22	0.166	7	27	3	14	1.1	22	80
37824	60	<1	<0.3	19	0.823	5	157	<1	15	1.1	113	31
37825	5	<1	<0.3	<1	0.040	<2	7	<1	<1	<0.1	7	2
37826	74	<1	<0.3	61	0.207	7	24	<1	19	1.6	50	204
37827	336	<1	<0.3	116	0.285	12	22	<1	20	1.6	35	299
37828	380	2	<0.3	33	0.437	6	37	<1	33	3.4	65	191
37829	447	<1	1.3	246	0.408	3	36	<1	20	1.0	57	571
37831	83	<1	<0.3	10	0.030	37	11	1	8	1.0	9	35
37832	44	<1	<0.3	23	0.012	280	9	2	31	9.2	16	143
37828 R	387	3	0.3	34	0.448	5	38	<1	34	3.5	68	185

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Report No: 07-1276

**Dahrouge Geological Consulting**

Attention: Fritz Griffith  
 PO #/Project: 14800  
 Samples: 144

Date of Report: September 27, 2007

**ICP4.3 Total Digestion**

Sample Number	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 wt %	U, ICP ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm
CG515/LS4/BL	1180	2	<0.3	13	1.05	<2	138	<1	21	1.8	90	146
37833	85	<1	<0.3	77	0.053	11	11	<1	13	1.2	20	99
37834	117	<1	<0.3	46	0.185	37	21	<1	7	0.7	41	152
37835	172	<1	<0.3	152	0.042	13	22	<1	38	3.7	31	547
37837	66	<1	<0.3	13	0.024	52	14	<1	4	0.6	6	141
37840	269	<1	<0.3	19	0.059	40	36	<1	12	1.5	24	102
37841	128	<1	<0.3	53	0.121	67	17	<1	11	1.1	26	106
37842	80	<1	<0.3	26	0.329	4	30	<1	10	0.8	25	102
37844	315	<1	2.5	654	0.616	4	60	<1	37	1.1	51	219
37845	302	<1	<0.3	14	0.283	<2	33	<1	3	0.3	30	13
37846	375	1	<0.3	61	0.564	33	77	<1	15	1.3	72	244
37847	246	1	4.5	469	0.652	5	57	<1	84	4.2	57	179
37848	309	<1	<0.3	121	0.054	<2	15	<1	8	0.4	17	88
37849	230	1	3.2	1180	0.676	6	61	21	40	1.4	49	256
37850	228	<1	<0.3	35	0.534	2	53	11	16	1.2	57	244
37851	106	<1	<0.3	14	0.427	3	95	3	15	1.8	67	162
37852	90	2	<0.3	10	0.240	4	81	1	11	1.8	26	128
37853	42	1	1.0	61	0.373	126	75	<1	15	2.4	59	755
37855	92	1	0.6	85	0.359	338	41	<1	11	1.2	45	410
37856	142	2	<0.3	44	1.04	74	183	<1	17	1.9	287	527
CG515/LS4/BM	1200	2	<0.3	13	1.10	<2	140	1	21	1.8	87	141
37857	13	<1	1.2	40	0.044	197	7	<1	26	5.3	25	714
37858	178	<1	<0.3	10	0.023	19	9	2	3	0.3	20	34
37859	114	2	7.3	216	0.541	1290	126	3	146	6.5	69	87
37860	19	16	5.1	171	0.877	96	80	<1	80	13.2	127	1010
37861	132	2	<0.3	135	0.719	8	67	<1	13	0.6	60	151
37862	413	<1	<0.3	64	0.440	2	60	<1	6	0.4	58	162
37863	884	<1	<0.3	14	0.627	4	95	<1	18	1.2	93	126
37864	59	2	0.5	22	3.16	4	268	<1	35	4.0	221	441
37865	166	2	<0.3	2	1.67	4	312	<1	24	2.3	136	82
37866	152	3	<0.3	2	1.77	2	323	<1	22	2.2	127	95
37867	328	2	<0.3	7	1.03	4	244	<1	10	1.1	108	133
37876	97	1	0.4	34	0.411	148	54	<1	9	1.4	49	361
37877	141	2	<0.3	21	1.22	151	151	<1	15	2.1	121	408
37878	225	<1	<0.3	5	0.158	7	63	<1	5	0.6	48	188
37879	202	1	<0.3	66	0.074	20	14	<1	9	1.7	14	503
37880	207	<1	0.6	39	0.068	1110	14	2	48	4.2	22	80
37882	175	1	<0.3	32	0.489	36	64	<1	35	2.2	135	216
37883	89	9	0.3	24	0.586	28	50	<1	41	2.7	125	230
37880 R	204	<1	0.6	38	0.064	1100	14	<1	46	3.9	23	78

**SRC Geoanalytical Laboratories**

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Report No: 07-1276

**Dahrouge Geological Consulting**

Attention: Fritz Griffith  
 PO #/Project: 14800  
 Samples: 144

Date of Report: September 27, 2007

**ICP4.3 Total Digestion**

Sample Number	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 wt %	U, ICP ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm
CG515/LS4/BL	1170	2	<0.3	13	1.10	<2	137	2	21	1.7	87	170
37885	413	<1	<0.3	20	0.164	6	23	1	5	0.4	42	113
37886	729	1	<0.3	14	1.38	4	155	1	14	1.3	131	241
37887	290	<1	<0.3	14	0.793	2	87	1	28	3.8	76	276
37888	188	1	<0.3	11	0.185	5	49	1	47	5.4	44	202
37889	278	<1	<0.3	100	0.318	5	46	1	26	1.4	27	67
37890	260	<1	2.4	167	0.099	4	13	1	26	1.0	18	731
37901	234	<1	<0.3	2	0.325	3	46	<1	4	0.5	45	187
37902	64	1	<0.3	25	0.963	4	168	<1	23	3.1	102	314
37903	328	<1	3.0	798	0.884	7	83	<1	19	1.6	69	1850
37904	46	<1	0.3	35	1.32	9	254	<1	34	3.2	130	315
37905	176	<1	<0.3	7	0.673	7	94	<1	7	0.8	78	345
37906	137	<1	<0.3	20	0.820	3	152	<1	28	2.7	156	249
37907	60	<1	<0.3	26	0.979	4	217	<1	21	1.8	82	191
37908	236	<1	<0.3	21	0.284	44	52	<1	24	2.2	50	715
37909	97	<1	<0.3	33	0.393	<2	54	<1	6	0.6	32	185
37910	392	<1	<0.3	102	0.485	<2	28	<1	8	0.4	62	206
37911	374	<1	0.5	169	0.652	<2	36	<1	13	0.6	67	381
37926	268	<1	<0.3	9	0.209	<2	25	2	14	1.2	14	209
37927	221	<1	<0.3	10	0.268	<2	19	<1	6	0.5	32	117
CG515/LS4/BM	1170	2	<0.3	13	1.10	<2	138	<1	22	1.8	89	142
37928	662	1	0.6	5	1.43	<2	187	<1	37	3.2	125	242
38010	130	2	3.3	18	0.438	62	44	<1	114	6.8	186	85
37928 R	665	1	0.5	5	1.43	<2	188	<1	37	3.1	129	237

Total Digestion: A 0.125 g pulp is gently heated in a mixture of HF/HNO3/HClO4 until dry and the residue is dissolved in dilute HNO3. The standard is CG515.

**Dahrouge Geological Consulting**

Attention: Fritz Griffith

PO #/Project: 14800

Samples: 14

**SRC Geoanalytical Laboratories**

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Report No: 07-1276

Date of Report: September 27, 2007

**ICP4.3 Total Digestion**

Column Header Details

Silver in ppm (Ag)  
Aluminum in wt % (Al<sub>2</sub>O<sub>3</sub>)  
Barium in ppm (Ba)  
Beryllium in ppm (Be)  
Calcium in wt % (CaO)

Cadmium in ppm (Cd)  
Cerium in ppm (Ce)  
Cobalt in ppm (Co)  
Chromium in ppm (Cr)  
Copper in ppm (Cu)

Dysprnnsium in ppm (Dy)  
Erbium in ppm (Er)  
Europium in ppm (Eu)  
Iron in wt % (Fe<sub>2</sub>O<sub>3</sub>)  
Gallium in ppm (Ga)

Gadolinium in ppm (Gd)  
Hafnium in ppm (Hf)  
Holmium in ppm (Ho)  
Potassium in wt % (K<sub>2</sub>O)  
Lanthanum in ppm (La)

Lithium in ppm (Li)  
Magnesium in wt % (MgO)  
Manganese in wt % (MnO)  
Molybdenum in ppm (Mo)  
Sodium in wt % (Na<sub>2</sub>O)

Niobium in ppm (Nb)  
Neodymium in ppm (Nd)  
Nickel in ppm (Ni)  
Phosphorus in wt % (P<sub>2</sub>O<sub>5</sub>)  
Lead in ppm (Pb)

Praseodymium in ppm (Pr)  
Scandium in ppm (Sc)  
Samarium in ppm (Sm)  
Tin in ppm (Sn)  
Strontium in ppm (Sr)

Tantalum in ppm (Ta)  
Terbium in ppm (Tb)  
Thorium in ppm (Th)  
Titanium in wt % (TiO<sub>2</sub>)  
Uranium in ppm (U, ICP)

**Dahrouge Geological Consulting**

Attention: Fritz Griffith

PO #/Project: 14800

Samples: 14

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Report No: 07-1276

Date of Report: September 27, 2007

**ICP4.3 Total Digestion**

Column Header Details

Vanadium in ppm (V)

Tungsten in ppm (W)

Yttrium in ppm (Y)

Ytterbium in ppm (Yb)

Zinc in ppm (Zn)

Zirconium in ppm (Zr)

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**Dahrouge Geological Consulting**

Attention: Fritz Griffith  
 PO #/Project: 14800  
 Samples: 14

Date of Report: September 27, 2007

**ICP4.3 Total Digestion**

Sample Number	Ag ppm	Al2O3 wt %	Ba ppm	Be ppm	CaO wt %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cu ppm	Dy ppm	Er ppm	Eu ppm	Fe2O3 wt %	Ga ppm	Gd ppm	Hf ppm
CG515/LS4/BM	<0.2	17.2	2190	2.2	4.63	0.6	154	16	120	3	3.2	2.4	2.6	7.18	23	5.4	4.0
37717	<0.2	5.38	434	<0.2	0.26	<0.2	40	4	191	8	5.6	4.5	0.7	3.49	12	5.4	39.1
37719	<0.2	4.57	393	<0.2	0.27	<0.2	6	3	172	5	3.3	2.7	0.6	1.25	7	2.5	14.4
37794	<0.2	2.01	138	<0.2	0.11	<0.2	14	5	227	7	4.4	3.4	0.6	2.62	7	4.3	11.6
37795	<0.2	14.8	1020	0.8	2.22	<0.2	537	21	290	21	33.2	19.1	3.8	14.8	43	52.2	15.6
37838	<0.2	13.0	600	4.2	0.21	0.9	42	<1	117	7	2.2	2.2	1.8	0.95	13	3.7	2.4
37839	<0.2	12.8	460	4.4	0.27	0.8	27	1	146	6	1.4	2.4	0.8	0.81	14	2.5	2.7
37843	<0.2	17.9	763	2.5	2.97	0.5	2900	11	169	14	18.1	11.0	1.0	6.78	36	57.8	45.3
37854	<0.2	2.28	110	<0.2	0.55	<0.2	140	4	280	3	8.9	5.3	0.6	3.39	9	13.2	25.0
37854 R	<0.2	2.26	112	<0.2	0.55	<0.2	143	4	280	3	9.5	5.6	0.6	3.38	9	14.5	24.3
CG515/LS4/BM	<0.2	17.2	2230	2.2	4.67	0.7	151	16	116	3	3.1	2.3	2.6	7.26	23	5.4	4.5
37820	20.2	18.6	1740	7.8	4.49	0.3	443	15	48	195	4.4	13.0	8.4	14.8	59	15.7	30.3
37821	38.2	18.1	1320	11.6	5.63	<0.2	502	22	41	358	4.3	23.6	11.1	17.7	86	22.8	21.4
37820 R	20.3	18.2	1690	7.6	4.42	0.7	440	14	43	190	4.4	13.0	8.2	14.3	56	16.0	31.2

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**Dahrouge Geological Consulting**

Attention: Fritz Griffith

PO #/Project: 14800

Samples: 14

Date of Report: September 27, 2007

**ICP4.3 Total Digestion**

Sample Number	Ho ppm	K2O wt %	La ppm	Li ppm	MgO wt %	MnO wt %	Mo ppm	Na2O wt %	Nb ppm	Nd ppm	Ni ppm	P2O5 wt %	Pb ppm	Pr ppm	Sc ppm	Sm ppm	Sn ppm
CG515/LS4/BM	1.3	3.10	84	28	2.82	0.074	<1	3.29	7	60	24	0.681	16	15	13	8.3	2
37717	1.4	2.41	14	15	0.949	0.021	150	0.54	18	19	13	0.056	337	3	8	4.0	<1
37719	0.7	2.03	1	4	0.304	0.006	92	0.69	7	4	7	0.028	330	<1	1	1.2	<1
37794	1.1	0.635	3	9	0.907	0.028	330	0.06	14	11	15	0.052	270	1	7	2.8	<1
37795	7.1	6.15	231	44	5.22	0.176	353	0.96	82	252	83	1.30	501	63	23	50.9	<1
37838	0.6	5.05	7	17	0.356	0.015	4	3.74	1	18	4	0.052	51	3	2	3.2	<1
37839	<0.4	5.55	5	13	0.231	0.012	3	3.51	<1	8	4	0.048	73	1	<1	1.3	<1
37843	7.0	4.38	1680	36	3.06	0.073	52	3.77	41	895	23	0.460	190	288	11	96.7	<1
37854	2.0	0.998	45	13	0.931	0.042	68	0.04	5	55	21	0.216	390	13	7	12.4	<1
37854 R	2.0	1.02	57	13	0.928	0.042	71	0.04	4	66	22	0.210	394	15	7	14.4	<1
CG515/LS4/BM	1.1	3.13	86	28	2.81	0.075	<1	3.26	7	58	23	0.677	17	15	13	8.4	3
37820	2.2	3.79	251	43	3.80	0.170	<1	3.67	9	164	8	0.313	1970	39	10	16.4	<1
37821	2.4	2.21	331	70	4.90	0.291	<1	3.16	3	203	13	0.327	4060	42	11	17.6	<1
37820 R	2.0	3.66	246	42	3.73	0.168	1	3.55	8	161	8	0.307	1980	39	10	16.2	<1

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Report No: 07-1276

**Dahrouge Geological Consulting**

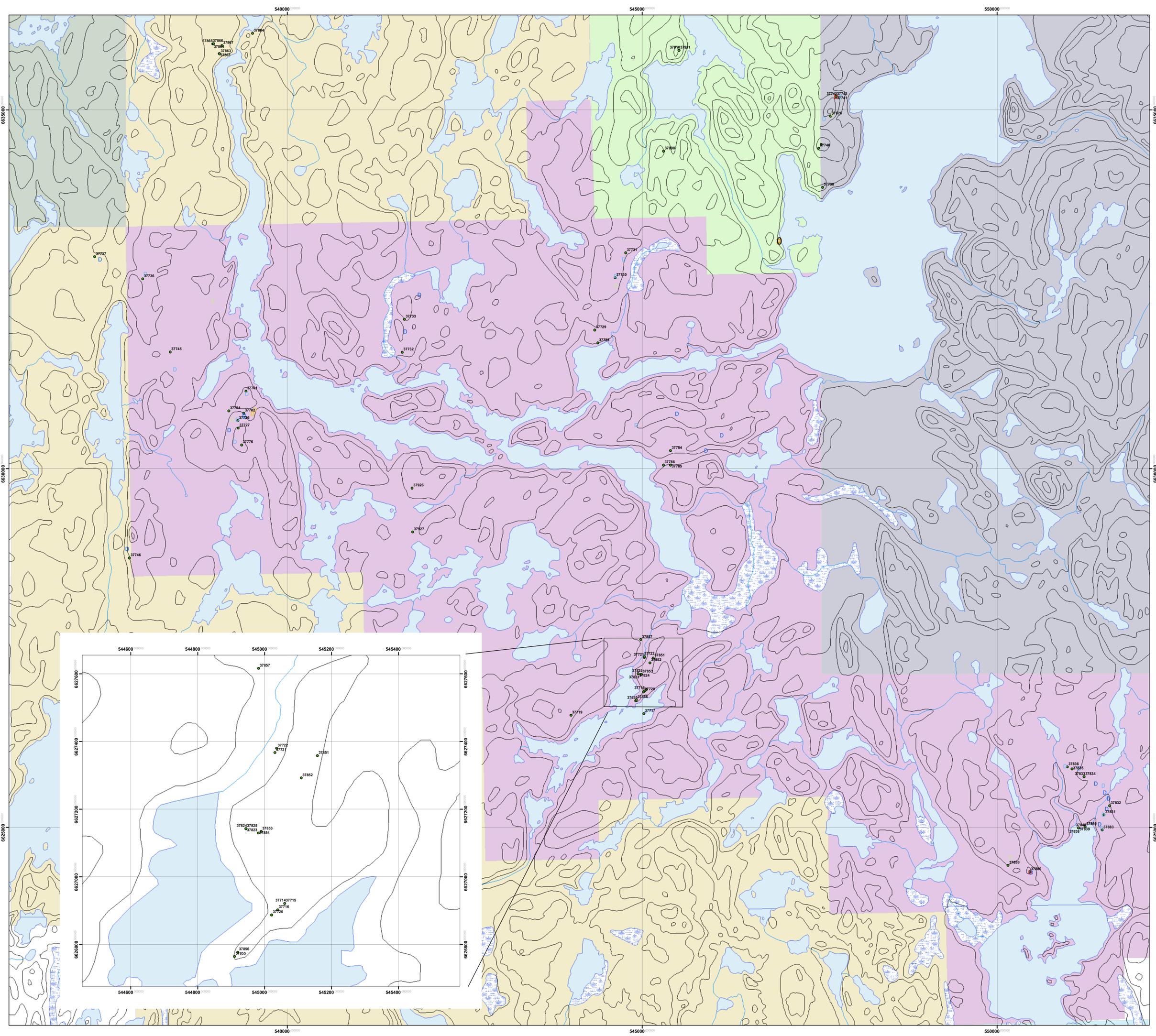
Attention: Fritz Griffith  
 PO #/Project: 14800  
 Samples: 14

Date of Report: September 27, 2007

**ICP4.3 Total Digestion**

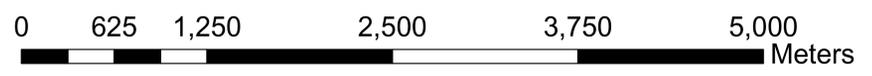
Sample Number	Sr ppm	Ta ppm	Tb ppm	Th ppm	TiO2 wt %	U, ICP ppm	V ppm	W ppm	Y ppm	Yb ppm	Zn ppm	Zr ppm
CG515/LS4/BM	1190	1	<0.3	13	1.06	<2	136	<1	22	1.8	87	140
37717	52	1	2.8	127	0.541	937	65	3	29	3.8	76	1390
37719	57	<1	1.0	89	0.191	800	26	<1	15	1.8	20	507
37794	8	2	1.6	97	0.401	950	36	<1	21	2.0	35	355
37795	113	4	8.2	479	2.42	2600	338	<1	166	11.0	220	453
37838	171	<1	<0.3	21	0.062	990	17	<1	19	1.1	18	61
37839	170	<1	<0.3	9	0.044	1500	14	<1	11	1.0	15	70
37843	358	<1	7.7	1620	1.40	23	119	<1	69	2.9	118	1980
37854	8	1	3.8	256	0.562	901	70	<1	42	4.7	78	1300
37854 R	10	<1	3.7	273	0.549	920	70	<1	44	4.8	79	1260
CG515/LS4/BM	1180	<1	<0.3	14	1.05	<2	137	1	22	1.8	87	164
37820	799	1	3.5	66	1.58	9320	152	<1	45	1.9	192	296
37821	953	<1	6.6	76	2.00	19300	183	<1	57	1.9	275	470
37820 R	774	<1	3.1	68	1.51	9140	146	<1	44	2.0	193	283

Total Digestion: A 0.125 g pulp is gently heated in a mixture of HF/HNO3/HClO4 until dry and the residue is dissolved in dilute HNO3. The standard is CG515.

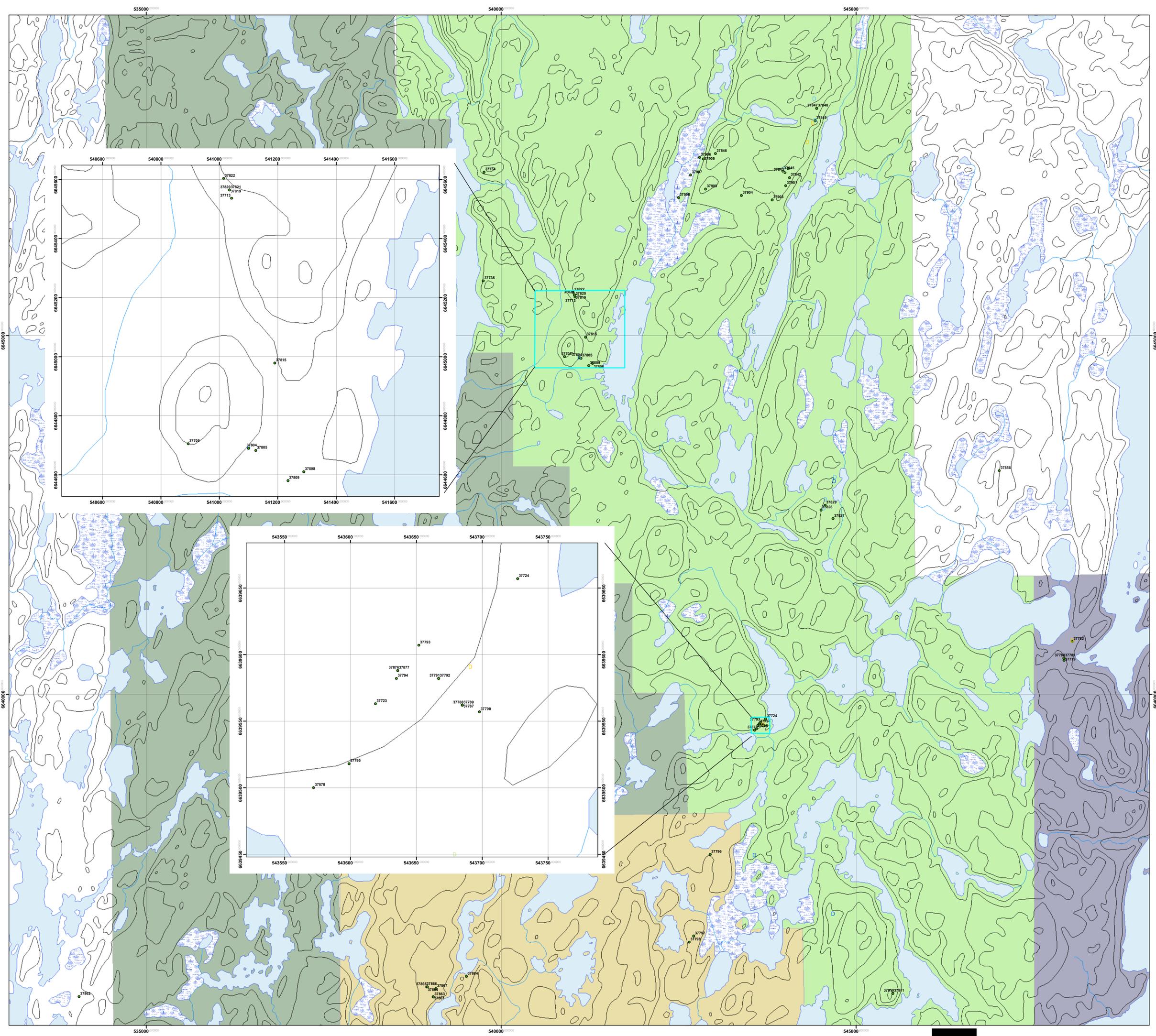


- Legend**
- Sample Locations
  - NAG Dispositions**
  - Radiometric Reading Locations**
  - CPS - Some readings suspect**
- |            |                                 |
|------------|---------------------------------|
| 9305061017 | 100 - 700                       |
| 9305061018 | 701 - 1400                      |
| 9305061041 | 1401 - 2700                     |
| 9305061042 | 2701 - 4400                     |
| 9306020551 | 4401 - 7500                     |
| 9307010911 | Andrew Lake Lodge (approximate) |
| 9305061043 |                                 |

Coordinate System  
NAD 83 Zone 12



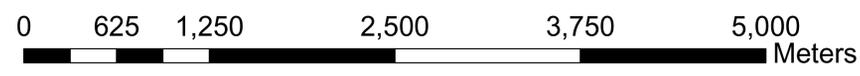
FISSION ENERGY CORP.	
Dahrouge Geological Consulting Ltd. EDMONTON, ALBERTA	
BONNY FAULT PROPERTY, ALBERTA	
Fig. 4.1b Location of Work	
DS	2007.09



**Legend**

**NAG Dispositions Radiometric Reading Locations**

MAIM_No	CPS - some readings suspect
9305061017	100 - 700
9305061018	701 - 1400
9305061041	1401 - 2700
9305061042	2701 - 4400
9306020551	4401 - 7500
9307010911	• Sample Locations
9305061043	



Coordinate System  
NAD 83 Zone 12

FISSION ENERGY CORP.	
Dahrouge Geological Consulting Ltd.	
EDMONTON, ALBERTA	
BONNY FAULT PROPERTY, ALBERTA	
Fig. 4.1c Location of Work	
DS	2007.09