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Stetham Uranium Property Field Site Visit Oct.17, 2021

Preamble

A field site visit on behalf of Rockland Resources Ltd. was undertaken on the Stetham Uranium Property (“the Property”) on October 17, 2021 by Robert G. Komarechka P.Geo., Don MacKinnon, prospector and his assistant Mona McKinnon. This work was conducted on claims 546614, 56615 and 77286.

Location

The Property is located in UTM Zone 17T in Stetham township in the Porcupine Mining Division and the MNR District of Timmins see Figure 1. The property is located approximately 150 km southwest of Timmins, Ontario and consists of 268 contiguous one unit claims numbered 677252 – 677516 and 546614 – 546616. See Figure 2.



Figure 1: Location Map from Parker, S. D.



Figure 2: Stetham Uranium Property Claims,
 Note: gray line on the east and south of claims is Hwy 144.

Property Description

The Property was accessed by the La Motte gravel road going westward from Hwy 144. This gravel road is located about 9km north of the Gogama turnoff. This gravel road was travelled for about 13km to the Kenatogami Lake boat launch on the south end of the west bay of Kenetogami Lake. Walking along the south shore to a peninsula is where a trench was blasted. This site is known as AMIS (Abandoned Mines Information System) # 00240, Jonsmith Mines. This area was investigated as there were 2 areas of anomalous U DNC assays of up to 134 ppm from the 2008 Delta exploration program.

Near the boat landing an additional AMIS site 08629, Astrabrun is located. This site was not examined in this study but it is reported to have 5 diamond drill holes with trenching. The MDI record states one trench was located at this site.

The property also shows 3 mineral deposit occurrences (MDIs) shown as a light blue dots in Figure 2. These being from north to south: Delta Uranium - A195056 – 2008, Astrabrun Showing #5 – 1968 and Delta Uranium – A195028 – 2008. All the above are discretionary occurrences as they were not located on the ground by MNM.

In the course of this investigation 3 claims were traversed with a GR-110G Exploranium scintillometer. GPS and CPS readings were taken, geology recorded and 5 samples collected.

Table 1: Status of the 3 claims visited

Claim #	Holder	Units	Anniversary Date
546614	Glenda Smith	1	2022-03-29
546615	Glenda Smith	1	2022-03-29
677286	Steven Anderson	1	2023-09-16
3 claims	2 holders	3 units	

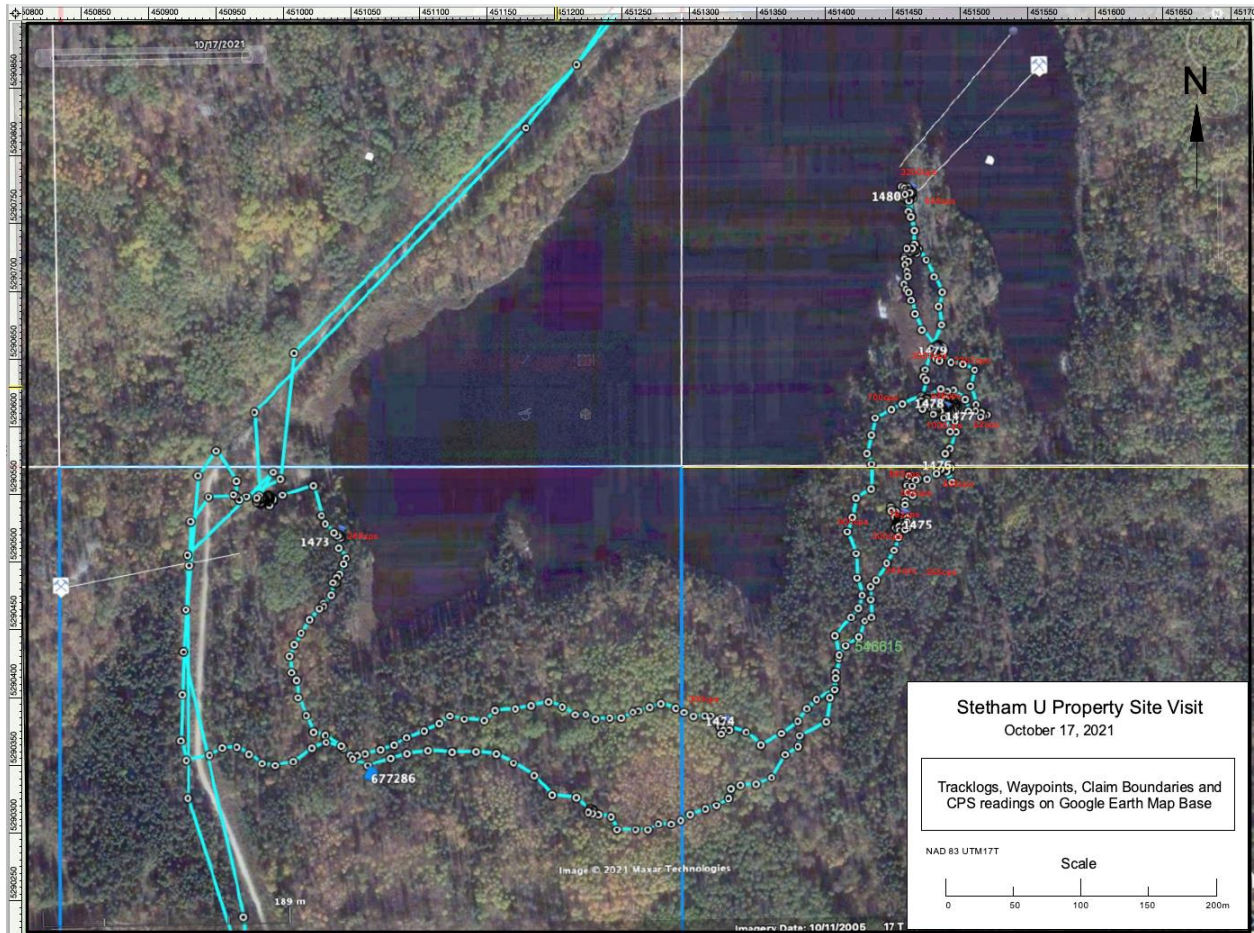


Figure 3: Site Visit Tracklogs and Waypoints

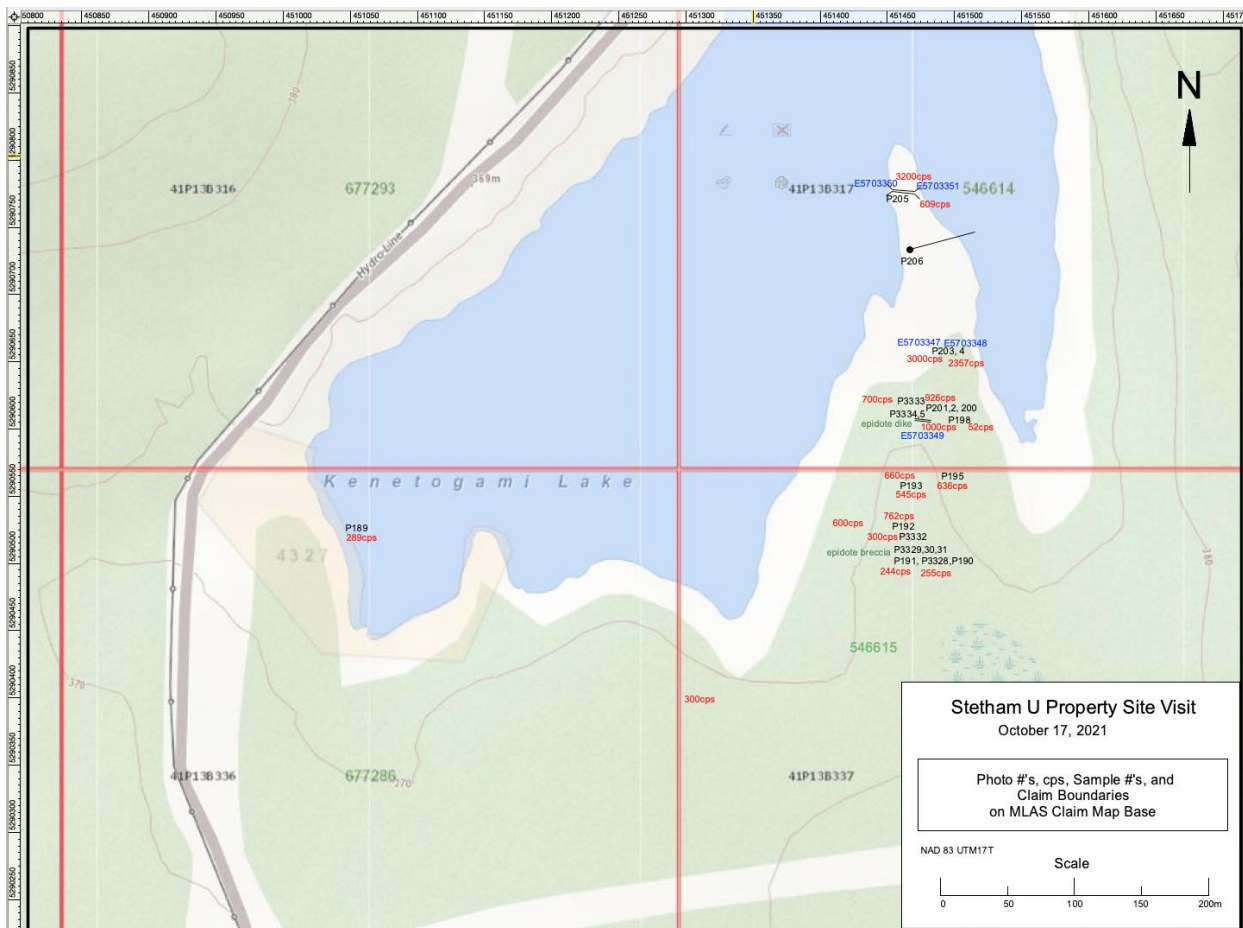


Figure 4: Site Visit Sample and Photo numbers. Note the location of the gravel road along the west of Kenetogami Lake and the new hydro line along it.

Sample Descriptions



E5703347: WP1479 - 451490mE, 5290654mN, P203

Feldspar Alaskite Pegmatite: 90 cps in hand sample, Note a nearby field reading was 3000cps
96% flesh coloured very coarsely crystalline feldspar and 4% white quartz veinlets along the
feldspar cleavage planes.



E5703348: WP1479A - 451490mE, 5290654mN, P204

Granite Alaskite Pegmatite: 350 cps in hand sample.

75% pink coarsely crystalline massive feldspar with 15% irregular quartz and 10% associated microcrystalline black amphibole blebs..



E5703349: WP1478 - 451500mE, 5290607mN, P200

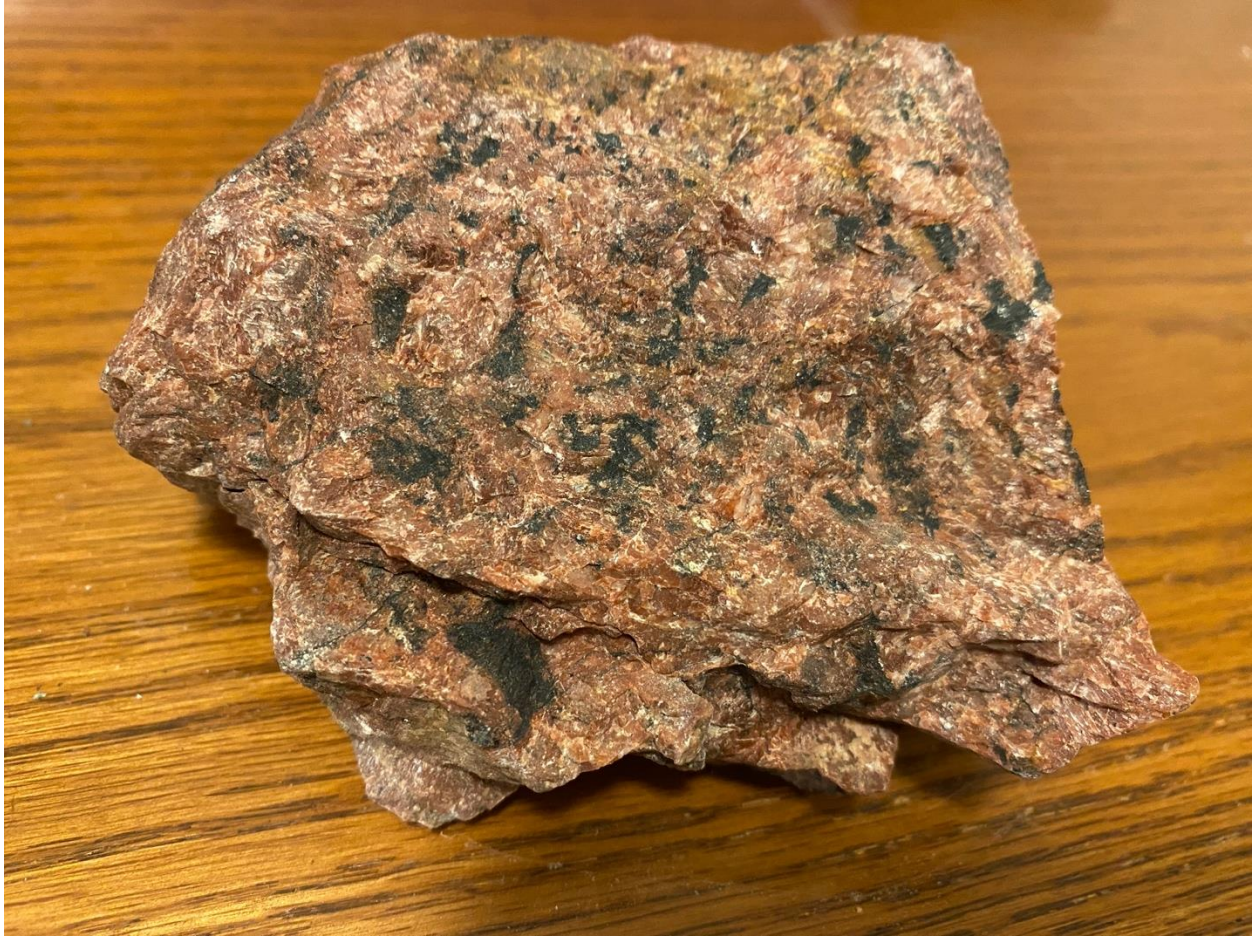
Epidote: up to 1,000 cps adjacent to the pegmatite west contact, 100 cps in hand sample. 75% dark green gray very finely crystalline, massive, "possible" epidote, with 10% dark gray clots of very finely microcrystalline amphibole and clots of 15% pink hematite stained feldspar.



E5703350: WP1480: 45141mE, 5290777mN, P336

Syenite Pegmatite: up to 3,200 in trench, 200 cps in hand sample.

A series of north-south trending pegmatite dikes, 80% reddish pink coarsely crystalline massive feldspar having hematite staining with 15% dark gray clots of microcrystalline amphibole and 5% quartz. Collected within and east-west blasted trench.



E5703351: WP1480A: 45141mE, 5290777mN, P336

Syenite Pegmatite: up to 3,200 in trench, 305 cps in hand sample.

Very similar to sample at WP1480, 80% reddish pink coarsely crystalline massive feldspar having hematite staining with 15% dark gray clots of microcrystalline amphibole and 5% quartz.

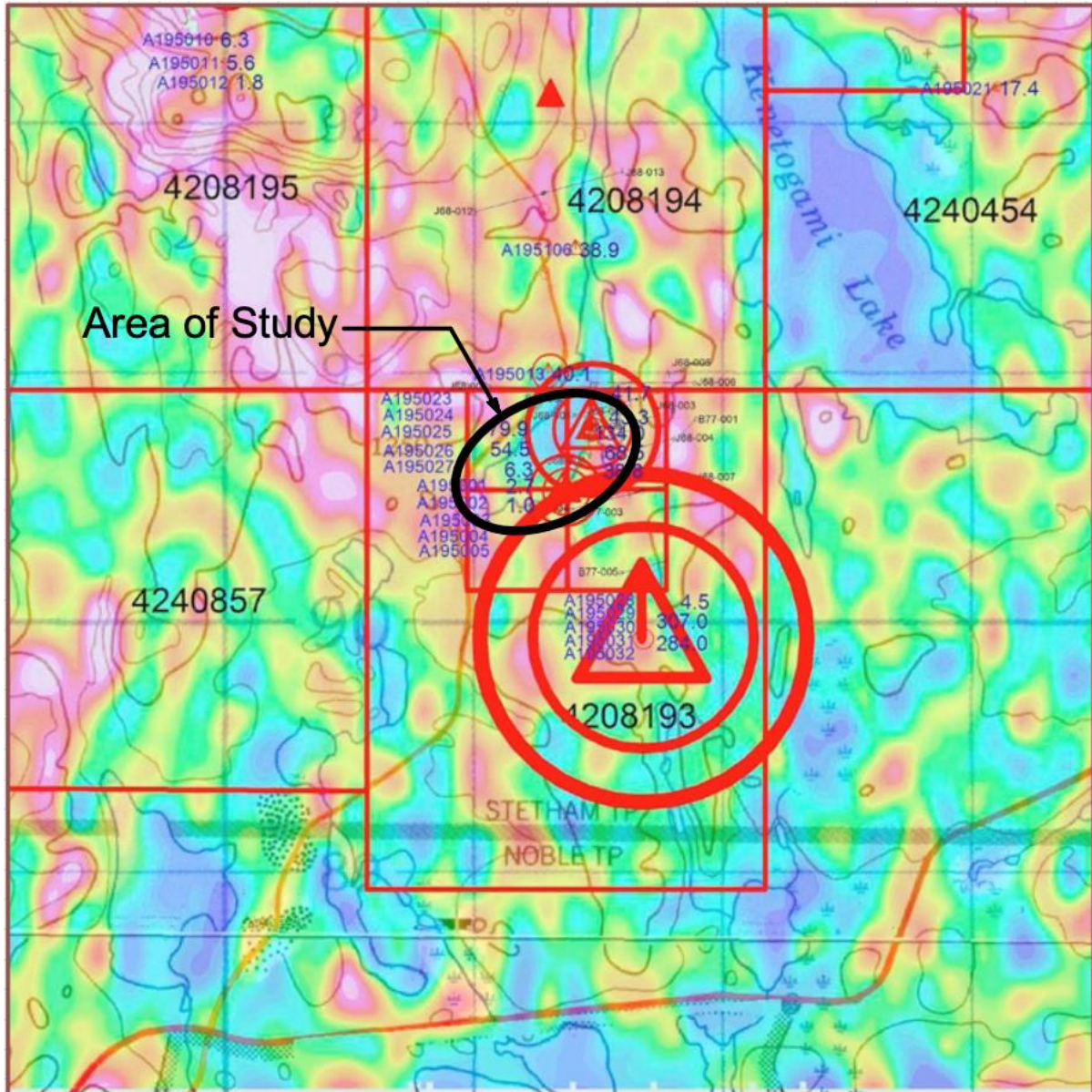


Figure 5: Airborne radiometrics of eU, with areas of elevated U in ppm from Delta's DNC assayed samples and the current study area. See Appendix 1 for 2006 Terraquest Delta Survey.

Recommendations and Conclusion

This property was very briefly investigated and only in one selected area. From the field observations and the higher cps readings on site, the U appears to be associated with a reddish coloured syenite pegmatite composed of hematite stained feldspar, probably Kspar with dark gray microcrystalline clots of possible amphibole as well as an Alaskite type granite pegmatite. The cps readings in these rocks can be highly variable over short distances. These rocks appear to occur in steeply dipping parallel dikes striking in a northerly direction. The location of other showings may be along similar structures as suggested by the location of other sites, the north -

south structures and the airborne radiometric response. Limited time and outcrop exposure in the study area inhibited more detailed interpretation.

The 2006 Terraquest radiometric survey lines were flown in a north-south direction which may not best convey the orientation of possible north - south uranium mineralization. In addition, significant lakes, swamps, wetlands and overburden attenuate the radiometric signal. These areas should be masked before any interpretation is done on the airborne radiometrics.

In the area investigated in at sample E5703349, a unique 2 metre wide green dike believed to be an epidote rich rock was noted along the west side of the syenite pegmatites. An even more unusual epidote breccia was also noted in the same area containing evenly distributed fragments of epidote contained within a syenite matrix (see photo). The significance and timing of this metasomatic event with subsequent brecciation related to the pegmatite emplacement has not been determined.

A Rossing style of mineralization has been proposed for the mineralization on this site.

The presence of uranium in this area is interesting and should be followed up. It is recommended undertaking:

- 1) Thin section studies of the red pegmatite syenite, the epidote and the epidote breccia. It may be possible that the green mineral may not be epidote.
- 2) A zig zag traverse from the current study area 1.5 km SSE to the other known high uranium anomaly.
- 3) A review of existing (if any) regional radiometric data over the area collected by both the province and the GSC.
- 4) A review of existing (if any) provincial and federal lake sediment and water surveys for anomalous uranium
- 5) A regional correlation of other existing uranium occurrences outside of the property
- 6) An interpretation of the airborne radiometrics to highlight areas of minimum overburden for further ground analysis with a scintillometer with associated gps readings over prospective areas.
- 7) Consideration for another airborne radiometric survey flown along east west lines
- 8) Areas of significant interest should be followed up with local geologic mapping assaying and mechanical stripping if warranted then channel sampled.
- 9) Areas with potential for development should be diamond drilled followed by bulk sampling, if warranted.

References

Parker, S. D. 2008:

Assessment Rpt, 2008 Work Summary for Stetham Project Area, NE Ontario,
Delta Uranium Inc.

Historical Assessment File 41P13SE0011 – Jonsmith Mines Limited,

1968 Historical Assessment File 41P13SE0012 – Astrobrun Mines

Limited, 1969Map 2205, Geological Compilation Series, Timmins-

Kirkland Lake

Terraquest Ltd. Stetham Project Area (Airborne Geophysics) – Reference: B198A-08



Report No.: A21-23287
Report Date: 11-Mar-22
Date Submitted: 16-Dec-21
Your Reference:

Bedrock Research Corp
545 Granite St
Sudbury Ontario
Canada

ATTN: Bob Komarechka

CERTIFICATE OF ANALYSIS

5 Rock samples were submitted for analysis.

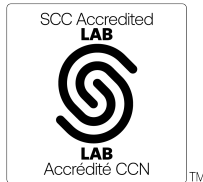
Table with 3 columns: Analytical package(s) requested, Testing Date, and details for 1D, 4B (1-10).

REPORT A21-23287

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Notes:

For values exceeding the upper limits we recommend assays.
Total includes all elements in % oxide to the left of total.
Footnote: INAA data may be suppressed due to high concentrations of some analytes.



LabID: 266

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CERTIFIED BY:

Handwritten signature of Emmanuel Esemé

Emmanuel Esemé, Ph.D.
Quality Control Coordinator

Results

Activation Laboratories Ltd.

Report: A21-23287

Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	Ir	Mo	Na	Ni	Rb	Sb	Sc	Se	Sn	Sr	Ta
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	%	ppm	ppm	ppm	ppm	ppm	%	%	ppm
Lower Limit	5	5	2	100	1	1	5	10	2	0.02	1	1	5	5	0.05	50	30	0.2	0.1	5	0.05	0.1	1
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
E5703347	< 5	< 5	< 2	< 100	4	< 1	< 5	< 10	< 2	0.35	< 1	< 1	< 5	< 5	6.88	< 50	< 30	< 0.2	1.8	< 5	< 0.05	< 0.1	< 1
E5703348	< 5	< 5	< 2	< 100	5	< 1	7	< 10	< 2	1.18	< 1	< 1	< 5	188	5.55	< 50	< 30	< 0.2	6.7	< 5	< 0.05	< 0.1	< 1
E5703349	< 5	< 5	< 2	< 100	6	7	17	40	< 2	7.67	2	< 1	< 5	84	0.70	< 50	< 30	0.2	6.6	< 5	0.11	0.3	5
E5703350	< 5	< 5	< 2	300	< 1	< 1	< 5	< 10	< 2	1.25	< 1	< 1	< 5	109	6.61	< 50	< 30	< 0.2	8.1	< 5	< 0.05	< 0.1	< 1
E5703351	< 5	< 5	< 2	< 100	< 1	< 1	8	< 10	< 2	2.40	< 1	< 1	< 5	623	6.94	< 50	< 30	< 0.2	6.6	< 5	< 0.05	< 0.1	< 1

Results

Activation Laboratories Ltd.

Report: A21-23287

Analyte Symbol	Th	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	%	%	%	%	%	%	%	%	%	%
Lower Limit	0.5	0.5	4	50	1	3	5	0.1	0.2	0.5	0.2	0.05		0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP
E5703347	15.0	4.8	< 4	< 50	< 1	< 3	< 5	0.7	< 0.2	< 0.5	0.6	0.05	30.3	72.85	15.44	0.51	0.008	0.08	0.12	8.91	0.07	0.114	< 0.01
E5703348	696	199	< 4	< 50	< 1	80	< 5	5.3	2.4	< 0.5	6.3	1.37	27.3	72.80	13.18	1.60	0.028	0.81	1.18	6.95	0.07	0.140	< 0.01
E5703349	3.7	113	< 4	< 50	34	106	29	4.4	1.5	< 0.5	8.4	1.02	39.2	39.34	21.84	11.67	0.175	2.59	19.14	0.99	0.06	0.554	0.20
E5703350	44.7	134	< 4	< 50	28	86	20	6.6	1.5	< 0.5	6.3	1.16	28.0	64.68	16.53	2.22	0.027	0.99	2.87	8.77	0.08	0.075	0.02
E5703351	125	622	< 4	< 50	11	122	< 5	3.3	< 0.2	< 0.5	7.9	3.17	29.2	63.89	17.84	3.18	0.021	1.60	1.33	9.04	0.11	0.080	< 0.01

Analyte Symbol	LOI	Total	Ba	Sr	Y	Sc	Zr	Be	V
Unit Symbol	%	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit		0.01	2	2	1	1	2	1	5
Method Code	GRAV	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP
E5703347	0.58	98.68	10	25	4	2	3	< 1	7
E5703348	1.89	98.65	23	26	88	7	14	2	42
E5703349	3.06	99.62	12	3251	62	7	128	2	244
E5703350	3.26	99.52	37	97	38	9	42	29	17
E5703351	2.50	99.60	47	71	72	7	36	60	39

Analyte Symbol	Au	Ag	As	Ba	Br	Ca	Co	Cr	Cs	Fe	Hf	Hg	Ir	Mo	Na	Ni	Rb	Sb	Sc	Se	Sn	Sr	Ta
Unit Symbol	ppb	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	%	ppm	ppm	ppb	ppm	%	ppm	ppm	ppm	ppm	ppm	%	%	ppm
Lower Limit	5	5	2	100	1	1	5	10	2	0.02	1	1	5	5	0.05	50	30	0.2	0.1	5	0.05	0.1	1
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA
NIST 694 Meas																							
NIST 694 Cert																							
DNC-1 Meas																							
DNC-1 Cert																							
SY-4 Meas																							
SY-4 Cert																							
BIR-1a Meas																							
BIR-1a Cert																							
W-2b Meas																							
W-2b Cert																							
DMMAS 124 Meas	2250		1560	< 100		5	56	90	< 2	14.1	< 1			14	0.69	< 50	< 30	7.2	16.3	< 5		< 0.1	
DMMAS 124 Cert	2250		1590	351		5.77	57.4	113	2.33	14.8	1.33			4.72	0.687	65.1	46.3	4.99	16.2	5.85		0.0141	
E5703351 Orig																							
E5703351 Dup																							
Method Blank																							
Method Blank	< 5	< 5	< 2	< 100	< 1	< 1	< 5	< 10	< 2	< 0.02	< 1	< 1	< 5	< 5	< 0.05	< 50	< 30	< 0.2	< 0.1	< 5	< 0.05	< 0.1	< 1

Analyte Symbol	Th	U	W	Zn	La	Ce	Nd	Sm	Eu	Tb	Yb	Lu	Mass	SiO2	Al2O3	Fe2O3(T)	MnO	MgO	CaO	Na2O	K2O	TiO2	P2O5
Unit Symbol	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g	%	%	%	%	%	%	%	%	%	%
Lower Limit	0.5	0.5	4	50	1	3	5	0.1	0.2	0.5	0.2	0.05		0.01	0.01	0.01	0.001	0.01	0.01	0.01	0.01	0.001	0.01
Method Code	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	INAA	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP
NIST 694 Meas														11.41	1.84	0.73	0.014	0.34	43.42	0.87	0.53	0.116	30.22
NIST 694 Cert														11.2	1.80	0.790	0.0116	0.330	43.6	0.860	0.510	0.110	30.2
DNC-1 Meas														47.06	18.67	10.08	0.148	9.98	11.35	1.94	0.22	0.484	0.06
DNC-1 Cert														47.15	18.34	9.97	0.150	10.13	11.49	1.890	0.234	0.480	0.070
SY-4 Meas														49.52	20.05	6.10	0.107	0.49	7.97	6.90	1.62	0.278	0.13
SY-4 Cert														49.9	20.69	6.21	0.108	0.54	8.05	7.10	1.66	0.287	0.131
BIR-1a Meas														49.01	15.68	11.38	0.172	9.62	13.54	1.89	0.02	0.971	0.03
BIR-1a Cert														47.96	15.50	11.30	0.175	9.700	13.30	1.82	0.030	0.96	0.021
W-2b Meas														53.54	15.52	10.91	0.167	6.29	10.99	2.32	0.62	1.087	0.13
W-2b Cert														52.4	15.4	10.7	0.163	6.37	10.9	2.14	0.626	1.06	0.140
DMMAS 124 Meas	1.3	13.0			11	14	< 5	2.0	< 0.2	< 0.5	1.1	0.10											
DMMAS 124 Cert	1.81	13.6			10.4	18.0	9.10	1.94	0.713	0.40	1.52	0.251											
E5703351 Orig														63.91	17.65	3.15	0.021	1.59	1.33	8.89	0.11	0.079	< 0.01
E5703351 Dup														63.86	18.02	3.21	0.021	1.62	1.34	9.18	0.11	0.081	< 0.01
Method Blank														0.01	< 0.01	< 0.01	0.003	< 0.01	< 0.01	< 0.01	< 0.01	< 0.001	< 0.01
Method Blank	< 0.5	< 0.5	< 4	< 50	< 1	< 3	< 5	< 0.1	< 0.2	< 0.5	< 0.2	< 0.05	30.0										

Analyte Symbol	Total	Ba	Sr	Y	Sc	Zr	Be	V
Unit Symbol	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Lower Limit	0.01	2	2	1	1	2	1	5
Method Code	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP	FUS-ICP
NIST 694 Meas								1660
NIST 694 Cert								1740
DNC-1 Meas		104	146	15	31	33		156
DNC-1 Cert		118	144.0	18.0	31	38		148
SY-4 Meas		336	1182	114	1	534	3	6
SY-4 Cert		340	1191	119	1.1	517	2.6	8.0
BIR-1a Meas		8	110	14	44	14	< 1	340
BIR-1a Cert		6	110	16	44	18	0.58	310
W-2b Meas		179	199	19	35	85	< 1	279
W-2b Cert		182	190	24.0	36.0	94.0	1.30	262
DMMAS 124 Meas								
DMMAS 124 Cert								
E5703351 Orig	99.24	47	71	71	6	35	58	39
E5703351 Dup	99.95	48	72	73	7	37	62	40
Method Blank		< 2	< 2	< 1	< 1	< 2	< 1	< 5
Method Blank								