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#### Location

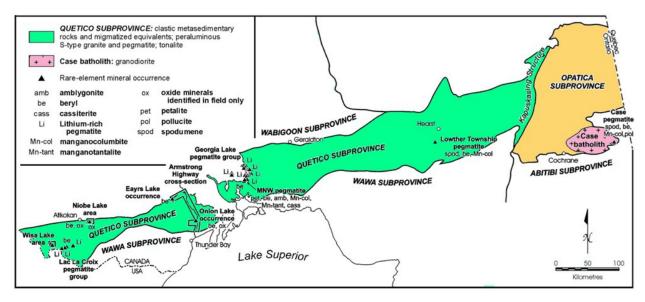
The Lowther Pegmatite is located in the Superior province of southeastern Ontario, 20km south of Hearst, Ontario. The property is accessible by access roads off of highway 583, and a 16km exploration trail that can be accessed in the summer months by ATV and in the winter months by snowmobile or pickup truck via a winter road for 10 Kms

#### Claim Information

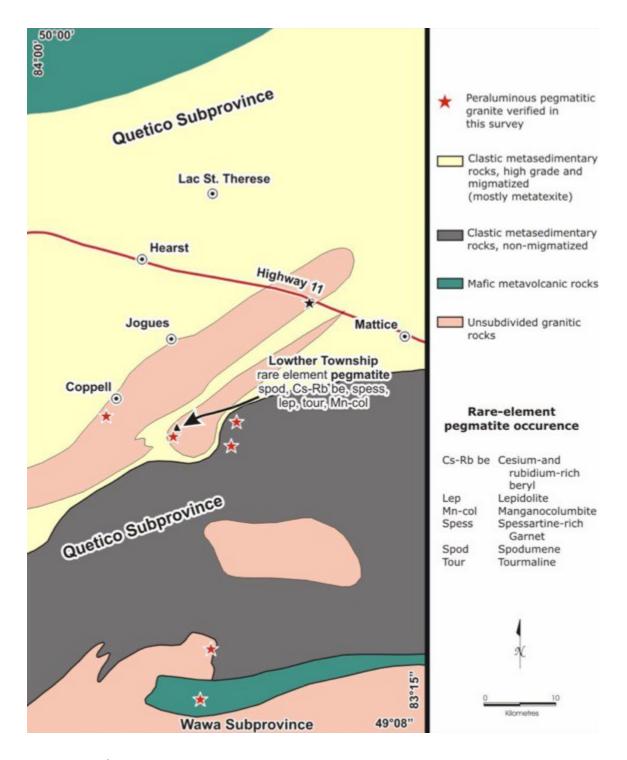
The property is covered by mining claim P3005830 and is an eight unit claim described as south  $\frac{1}{2}$  of lot 6&7 concession 5 and north  $\frac{1}{2}$  of lot 6&7 concession 4 within the Lowther Township. The claims are registered to 2004402 Ontario Inc. (Byng Mining Ltd.)

## Regional Geology

The Lowther pegmatite is situated in the central portion of the Queticosubprovince. The Queticosubprovince consists predominantly of meta-sedimentary rocks, derived migmatite and granite with a suite of Alaskan type mafic-ultramafic intrusions. These intrusions, called Quetico Intrusions, are commonly associated with the narrow meta-sedimentary belt that is wedged between the Queticobatholith to the south and the Queticofault zone to the north.



Locally, the main geological features in the area are marked by two northeast-trending parallel lobes of subdivided granitic and metamorphic rocks that correspond to metapelite and migmatite units. Within the metapelite, foliation parallel leucosomes form pegmatites of varying composition and often show variable overprinting and assimilation by later felsic alkalicdikes. The complex history has been attributed to pegmatites of variable compositions within the Queticosubprovince and introcudiction of rare earth and alkali-metal rich pegmatite bodies.



## **Property Geology**

The Lowther pegmatite is classified as a lepidolite to spodumene-subtype pegmatite that is significantly albitized. Two separate pegmatites are present on the property; the main pegmatite body is the Decoy showing, and a smaller secondary pegmatite body called the Moskito showing. The pegmatites are hosted within a locally extensive hornblend-biotite tonalite unit, inferred to be metapelite. The primary

mineralogy of the pegmatites are characterised by euhedral, megacrysticspodumene, muscovite, feldspar and beryl.

On June 10, 2016 Gerald and Paul Lecours left Ottawa we traveled with pickup truck to Hearst, left at 8 am arrived at 7:30 P.M. on June 10, 2016.

June 11, 2016

Gerald and Paul went to pick up Argo at Lebel Chainsaw sales. Picked up supplies needed in town and went to claim # 3005830. We arrived on site at 12:00 P.M we then proceeded to set up camp and get tools ready.

June 12 2016

The first day of prospecting we focused our attention on the eastern part adjacent to the decoy showing. We travelled east up to the creek about 800 m away looked along creek both North and South of our location. Although some out crop were located, none showed hosting pegmatite. After lunch we proceeded South from the creek for about 500 metres and returned West on existing ATV trail, to bring us back to the Decoy showing.

On June 13, 2016

Second day of prospecting was done on the South side of Decoy showing. WE started about 100 m South of the Moskito showing staying on the out crop that the two showings are located using a pick axe ,shovel and geotul matuk, small excavation pits were dug to expose the outcrop which is covered with moss and little over burden( less than 1 ft). The work was kept within 200 m by 400 m work area. No pegmatite were located. The rocks exposed were mostly metasediments & granitic. In the afternoon explored a bit more South & found outcrops of massive graphic feldspar located about 400 m SW of Moskito showing. The area is exposed for an area of 15 by 10 m.

June 14, 2016

Prospecting was done on the South Eastern side. Again staying on the local outcrop shallow pits were dug using hand tools. Overburden is thicker a bit with an average of 1-1 ½ ft deep. No pegmatite were exposed this day.

June 15, 2016

On this day prospecting was done on the Western side of the Decoy showing. Again the work was done on the local outcrop hosting the 2 showings. At first a small quartz vein of 10 m by 1 m was exposed 38 m @ 236 Degree from the Western extremity of the Decoy showing. The quartz vein did not contain significant amount of sulphides but some were seen. Sample Low 16-1 and Low 16-2 were taken from the quartz vein. 5 m South of this location a 4 m wide pit was dug and uncovered mafic metavolcanics flow and sample Low 16-3 was taken, we proceeded Westward digging various pits locating meta sediment rocks until 35 m@ 246 degrees from the last sample again some mafic meta volcanic mixed with granite was uncovered in a pit. Sample Low 16-4 was taken in the mafic flow. Then 4 m away again in the Western direction a pegmatite was located in a pit of 3 m by 1 m wide. Then we stopped for the day.

June 16, 2016

That morning was spent pulling trees with the Argo using the winch. Astrip of 57 m. by 4m. wide was performed to gain access to the newly discovered pegmatite from the day before. Once we reached our targeted area the winch cable on the Argo broke , so we took lunch and proceeded to strip manually. A total of 8 pits were dug that afternoon with the biggest one being 9 m. by 2 m. wide.6 of the pits exposed pegmatite and two exposed what seems to be a mafic metavolcanic flow.Sample Low 16-5,Low 16-6, Low 16-7,Low 16-8,Low 16-9 were taken from the pegmatite, and Low 16-10,Low 16-11,were taken from the mafic flow. No zoning was seen in the pegmatite as observed from the pits. The pegmatite dyke seems to be uniform in composition , with mostly feldspar and quartz being present. No spodumene or other Lithium ore was observed.

June 17 2016

On that day camp was taken down, and we traveled back to Hearst

June 18 2016

We traveled back to Ottawa, arriving there that night.

#### Recommendation

From the evidence seen further stripping is needed to further exposed the new pegmatite. A mechanical stripping program would be a ideal approach to achieve this goal. Although no Lithium mineralization was observed more exploration is needed.

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www.accurassay.com assay@accurassay.com

Tuesday, July 5, 2016

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# **Final Certificate**

Date Received: 06/21/2016
Date Completed: 07/05/2016
Job #: 201660526
Reference:

Sample #: 11

Acc#	Client ID	Ag ppm	AI %	As ppm	B ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	Li ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si %	Sn ppm	Sr ppm	Ti ppm	TI ppm	V ppm	W ppm	Y ppm	Zn ppm
15255	Low-16-1	<1	0.02	3	52	3	<2	2	<0.01	<4	<1	36	5	0.24	<0.01	<10	<0.01	<100	8	0.02	57	<100	<1	<5	1	<0.01	<10	4	<100	<2	15	<10	<2	3
15256	Low-16-2	<1	0.04	6	54	14	<2	<1	<0.01	<4	<1	38	11	1.03	0.03	<10	0.02	<100	9	0.03	61	<100	<1	<5	<1	<0.01	<10	8	<100	<2	20	<10	<2	6
15257	Low-16-3	<1	1.63	2	60	153	<2	1	0.50	<4	22	500	<1	1.62	1.29	114	2.17	190	8	0.06	221	580	<1	<5	<1	0.04	<10	8	1383	<2	39	<10	<2	29
15258	Low-16-4	<1	0.89	3	61	133	<2	<1	0.27	<4	10	824	22	2.21	0.58	39	0.62	259	8	0.12	40	309	<1	<5	<1	0.09	<10	20	1120	<2	37	<10	3	32
15259	Low-16-5	<1	0.19	3	58	20	<2	<1	0.23	<4	2	17	2	0.24	0.03	<10	0.05	<100	4	0.13	28	407	<1	<5	<1	0.04	<10	32	487	<2	12	<10	<2	11
15260	Low-16-6	<1	0.19	<2	60	15	<2	<1	0.21	<4	2	16	8	0.27	0.02	<10	0.06	<100	4	0.14	31	387	<1	<5	4	0.04	<10	25	507	<2	12	<10	<2	12
15261	Low-16-7	<1	0.19	<2	53	13	<2	1	0.14	<4	<1	18	3	0.26	0.02	<10	0.04	<100	5	0.14	35	221	<1	<5	<1	0.04	<10	26	352	<2	12	<10	<2	5
15262	Low-16-8	<1	0.17	5	48	16	<2	<1	0.36	<4	<1	13	3	0.25	0.02	<10	0.03	<100	3	0.13	25	203	<1	<5	<1	0.03	<10	39	304	<2	10	<10	<2	8
15263	Low-16-9	<1	0.21	2	58	40	<2	<1	0.46	<4	2	15	4	0.31	0.03	<10	0.06	<100	4	0.14	31	427	<1	<5	2	0.04	<10	44	447	<2	13	<10	<2	18
15264	Low-16-10	<1	1.21	<2	50	251	<2	<1	0.28	<4	12	102	7	2.22	0.94	30	0.94	278	8	0.09	58	579	<1	<5	<1	0.04	<10	12	1741	<2	61	<10	3	43
15265D	Low-16-10	<1	1.22	3	58	253	<2	2	0.28	<4	12	102	7	2.23	0.95	29	0.95	279	8	0.09	58	576	<1	<5	<1	0.04	<10	12	1748	<2	61	<10	3	42
15266	Low-16-11	<1	1.07	2	56	339	<2	2	0.25	<4	12	120	27	2.10	0.68	28	0.84	231	8	0.09	64	590	<1	<5	<1	0.05	<10	9	1287	<2	55	<10	2	42
15267D	Low-16-11	<1	1.12	3	60	351	<2	<1	0.27	<4	12	124	28	2.19	0.70	29	0.89	245	9	0.10	67	609	<1	<5	<1	0.06	<10	10	1364	3	57	<10	2	42

PROCEDURE CODES: ALP1, ALAR1, ALFA1

The results included on this report relate only to the items tested.

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Certified By:

Jason Moøre, VP Operations, Assay



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Tuesday, July 5, 2016

**Final Certificate** 

Byng Mining PO Box 1001 Hearst, ON, CAN P0L1N0

Ph#: (705) 362-4748

Date Received: 06/21/2016 Date Completed: 07/05/2016 Job #: 201660526

> Reference: Sample #: 11

Acc#	Client ID	Au g/t (ppm)
15255	Low-16-1	0.010
15256	Low-16-2	
15257	Low-16-3	0.006
15258	Low-16-4	0.007
15259	Low-16-5	0.007
15260	Low-16-6	
15261	Low-16-7	
15262	Low-16-8	
15263	Low-16-9	0.006
15264	Low-16-10	0.006
15265	Low-16-10 Dup	0.006
15266	Low-16-11	0.009
15267	Low-16-11 Dup	0.007

APPLIED SCOPES: ALP1, ALAR1, ALFA1

Shawn Rask

Laboratory Assistant Manager

Certified By:

Jason Moøre, VP Operations, Assayer

Authorized By:

Derek Demianiuk, VP Quality

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Date Received: 06/21/2016 Date Completed: 07/05/2016 Job #: 201660526

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**Control Standards** 

QC Type

Element

QC Performance (ppm)

Mean (ppm)

Std Dev (pp

APPLIED SCOPES: ALP1, ALAR1, ALFA1

Shawn Rask

Laboratory Assistant Manager

Certified By:

Jason, Mogre, VP Operations, Assayer

Authorized By:

Derek Demianiuk, VP Quality

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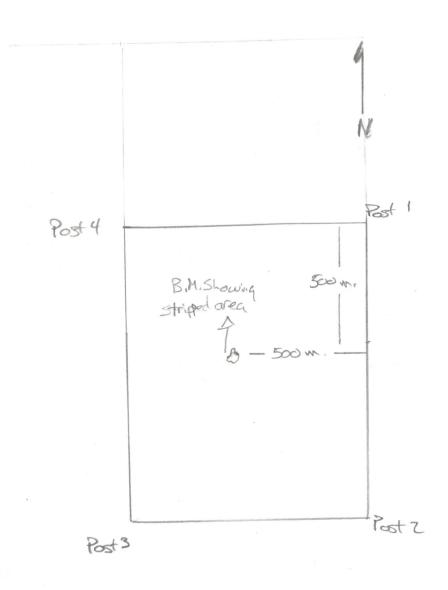
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# Location of stripped entrea



Scale Z.5 cm = 1 km.

