



6 February 2024

Multiple High-Priority Targets Identified at La Grande Project, James Bay – Quebec, Canada

Highlights:

- Maiden 8-week field program identifies over 250 high-priority targets at the La Grande Project.
- LiDAR and high-resolution aerial photography successfully completed with data currently under review.
- High-resolution heliborne magnetic and spectrometric surveys flown, survey data received and under review.
- James Bay Minerals' La Grande Project land-holding, which has demonstrated significant potential, strategically increased by 12,116 hectares (121km²).
- Maiden field program completed at the Aero Property, uncovering two large fields of fractionated pegmatites.
- High-priority targets identified at the Aqua Property, just ~200m to the east of significant spodumene showings¹ announced recently by FIN Resources' (ASX:FIN), which have returned assayed grades of up to 6.85% Li₂O².
- Exploration camp established on-site for 2024 field prospecting and mapping campaigns.
- JBY team continues to plan for future works on its La Grande Project, which is a highly prospective lithium property located along trend from Winsome Resources' (ASX: WR1) Cancet Lithium Project and Patriot Battery Metals' (ASX: PMT) world-class Corvette Property.

James Bay Minerals (ASX: JBY) ("**James Bay Minerals**" or "**the Company**") is pleased to provide an operational update following its initial eight-week exploration program at the Company's 100%-owned La Grande Project, located in the James Bay Province of Quebec, Canada.

The initial exploration program, which was curtailed by snowfall, meant that the team placed a heavy focus on aerial surveys along with understanding walk-up drill targets identified at the Aero Property. Data generated from this programme has provided the team with a considerable volume of key geological and topographical data, which has already allowed planning to commence for exploration works in 2024.

Key data – particularly LiDAR, high-resolution aerial photography and high-resolution heliborne magnetic & spectrometric surveys – have generated more than 250 high-priority targets across the La Grande Project.

¹ See Fin Resources Announcement dated 9 October 2023: "Large Spodumene Crystals discovered in Pegmatite Outcrop"

² See Fin Resources Announcement dated 20 November 2023: "EXCEPTIONALLY HIGH-GRADE LITHIUM CONFIRMED AT CANCEL WEST"

James Bay Executive Director, Andrew Dornan, commented:

“Armed with an extensive range of new data, 2024 is set to be a landmark year for the Company. We hold one of the largest land positions on the premium La Grande lithium trend and we have a full year to understand the significant number of high-priority targets identified within the Joule, Aero and Aqua Properties. We barely scratched the surface in 2023, with this year providing an opportunity for the team to understand all corners of our La Grande Project.”

The James Bay region, located in Quebec, Canada, is one of only very few Tier-1 jurisdictions which display the three key ingredients required for the formation of large-scale Lithium, Caesium, Tantalum (LCT) pegmatites.

James Bay Minerals is in the fortunate position of holding one of the largest land positions of 30,168 hectares along the La Grande Greenstone belt and the largest holding along the premium La Grande lithium trend, which extends from ~55km east to west.

Joule Property – La Grande Project

The Joule Property is James Bay Minerals’ flagship asset, covering an area of 16,385 hectares along the Robert-Bourassa reservoir. Joule has a ~24km deformation zone running east to west through the Property, with deformation widths of up to 1.5km in the north-eastern part of the property.

Activities and data generated as part of the Company’s maiden field program were as follows:

1. LiDAR and high-resolution photography. High-priority targets have been identified as shown in Figure 2 below, with a select number of these targets displayed within high-resolution images, as shown in Figures 3 to 5 below. A full gallery of the targets identified to date at Joule is included within Appendix 1.
2. Aeromagnetic and spectromagnetic surveys flown with key data deliverables received. Analysis of data is currently ongoing with the key focus on overlaying LiDAR targets generated with magnetic lows to rank targets in order of priority.
3. Short reconnaissance helicopter mapping program undertaken.
4. Small exploration camp established for 2024 field prospecting and mapping campaigns.
5. Additional 115 claims staked for an additional area of 5,800 hectares (58km²).

LiDAR has been utilised to measure and map out the variations in slope, aspect and elevation to study landforms. Variations in slope and elevation identified and confirmed high-priority areas which sit proud of other structures, as these are some of the key geological features expected locally of LCT pegmatites.

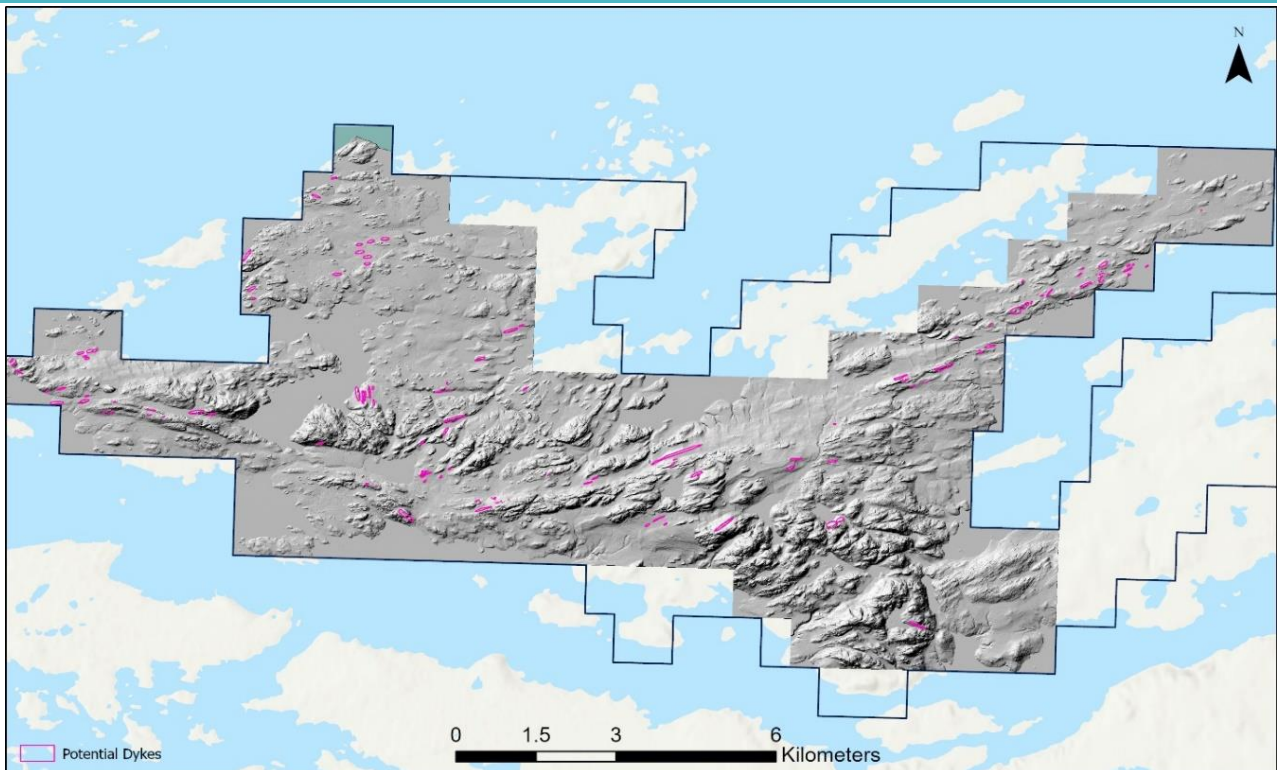


Figure 1 – High-priority LCT pegmatite targets/dykes identified across the Joule Property as defined in pink.

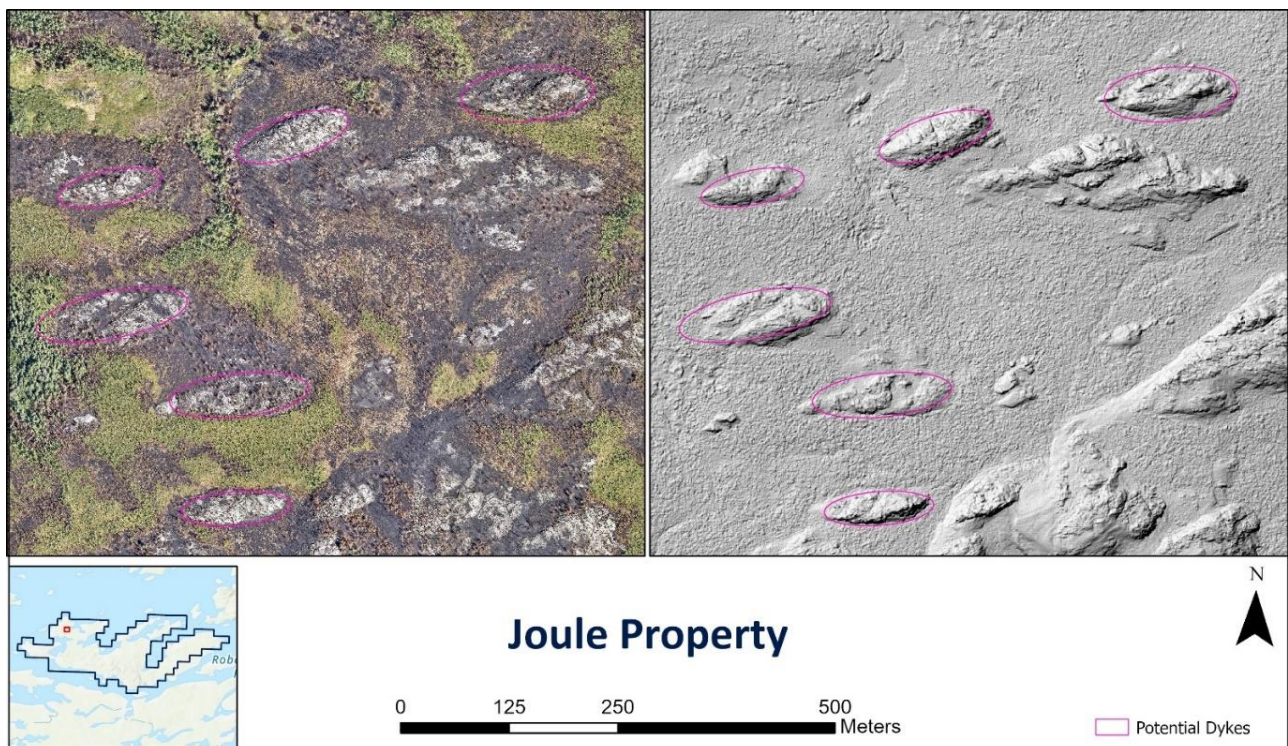


Figure 2 – Cluster of outcropping pegmatites identified for follow-up field work within the Joule Property.

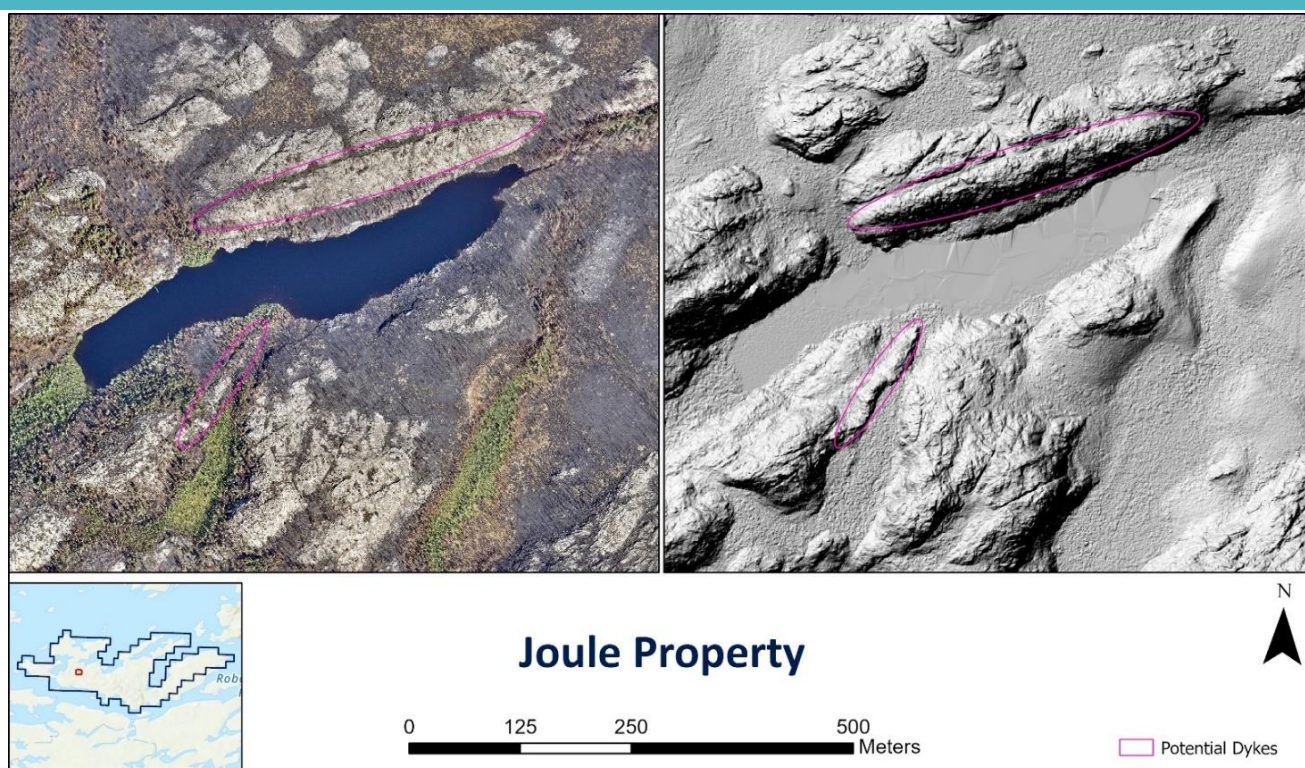


Figure 3 – High-priority LCT pegmatite targets identified within the western section of the Joule Property.

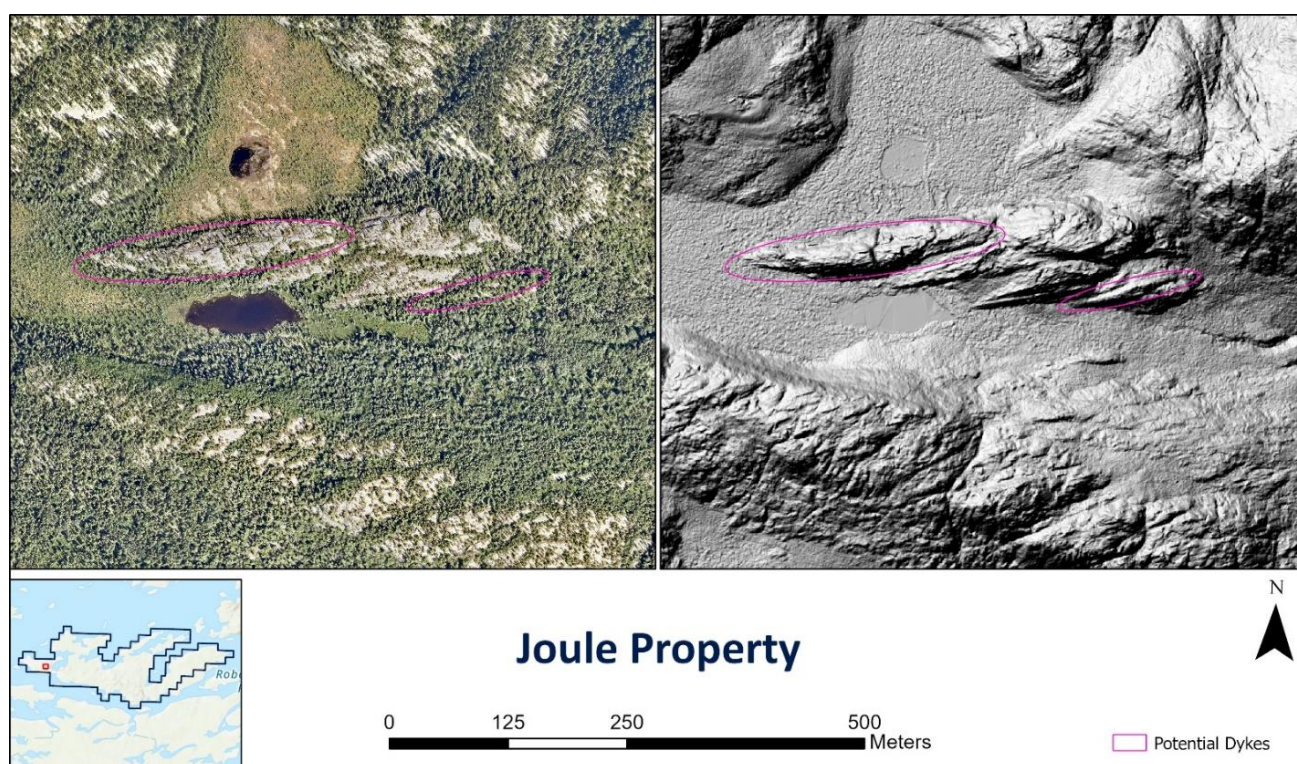


Figure 4 – High-priority LCT pegmatite targets within the western section of the Joule Property.

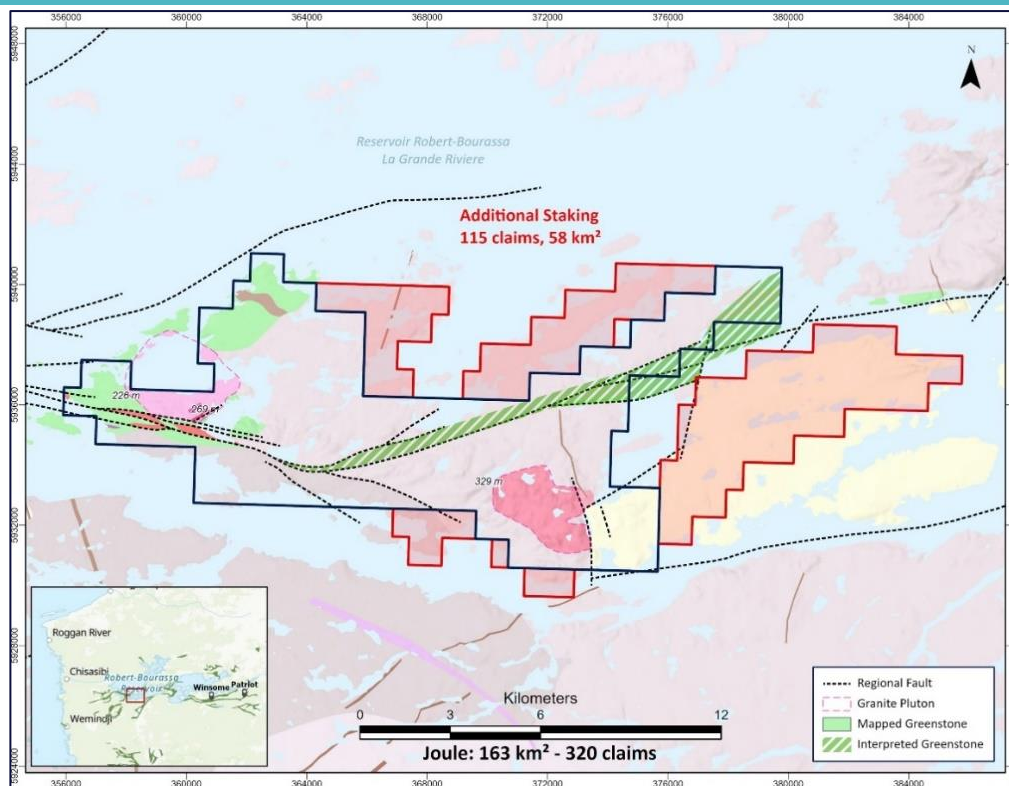


Figure 5 – Original and additional claims across the Joule Property.

Key activities planned for 2024 include:

1. Field program focused on high-priority targets generated from desktop studies. Activities will include field mapping, rock chip sampling and channel sampling for analysis.
2. Field program results will then dictate follow-up activities. Significant results will inform a maiden drill program for the property or further follow-up field works.

Aero Property – La Grande Project

The Aero Property consists of 101 continuous claims covering an area of 4,980 hectares. The property consists of ~13km of east to west deformation zones. Regional faults transverse the property from east to west which hosts the La Grande Greenstones.

Due to short period available and the extent of walk-up targets, the Company's maiden field program focused on the Aero property.

Activities and data generated as part of the Company's maiden field program at the Aero Property were as follows:

1. LiDAR and high-resolution photography.
2. Aeromagnetic and spectromagnetic surveys flown with key data deliverables received.
3. Field mapping and detailed prospecting across the property uncovered two fields of fractionated pegmatites.

4. Rock chip and channel sampling undertaken, and samples assayed.
5. Additional 12 claims staked for an additional area of 610 hectares (6.1km²)

Extensive rock grab samples, channel samples, hand-held XRF and LIBs testing was completed across the south-eastern portion of the Aero Property. Encouraging results were received within the eastern portion of the first pegmatite field, as detailed in Figures 6 to 10 below.

Anomalous lithium readings were obtained from the Warhawk pegmatite, within close proximity to the location where visual spodumene had previously been identified.³

The Company was also encouraged by the presence of a number of outstanding Potassium and Rubidium ratios (K/Rb) within the same area from portable XRF readings. The K/Rb ratio is a useful tool for exploration by portable XRF which cannot detect elemental lithium. It is an indicator for fractionation of the pegmatite with the lower the ratio, the more fractionated the pegmatite.

Highly fractionated pegmatites have a higher chance of lithium mineralisation and LCT pegmatites are often associated with K/Rb ratios in the 20-30 range. Continual calibration of LIBs readings and XRF fractionation ratios compared to laboratory rock assay results is ongoing to refine the accuracy of these field tools.

These results have narrowed the Company's focus to the Warhawk pegmatite and the area to north of this zone. Significant results from sampling are included in Appendix 2.

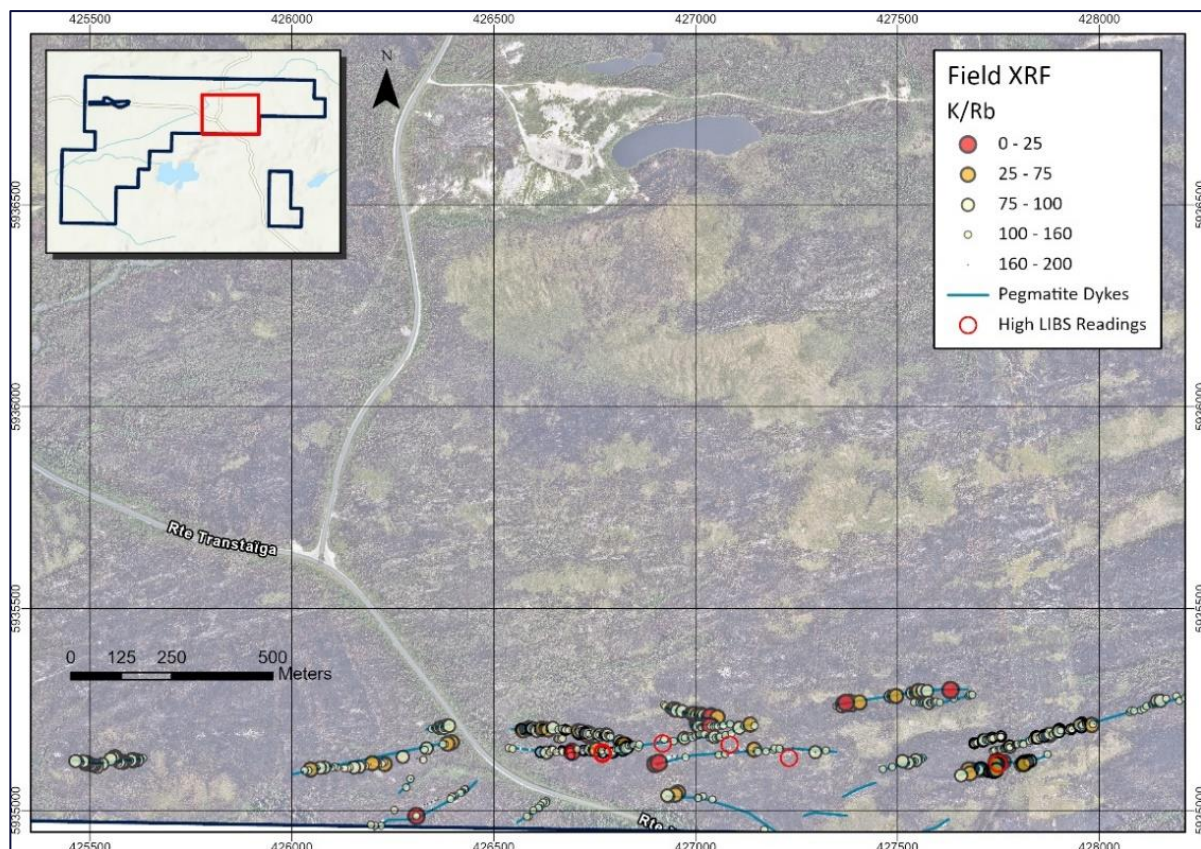


Figure 6 – Rubidium and potassium ratios, XRF readings first pegmatite field.

³ See JBY Announcement dated 31 October 2023 – “Spodumene discovered at Aero Property”

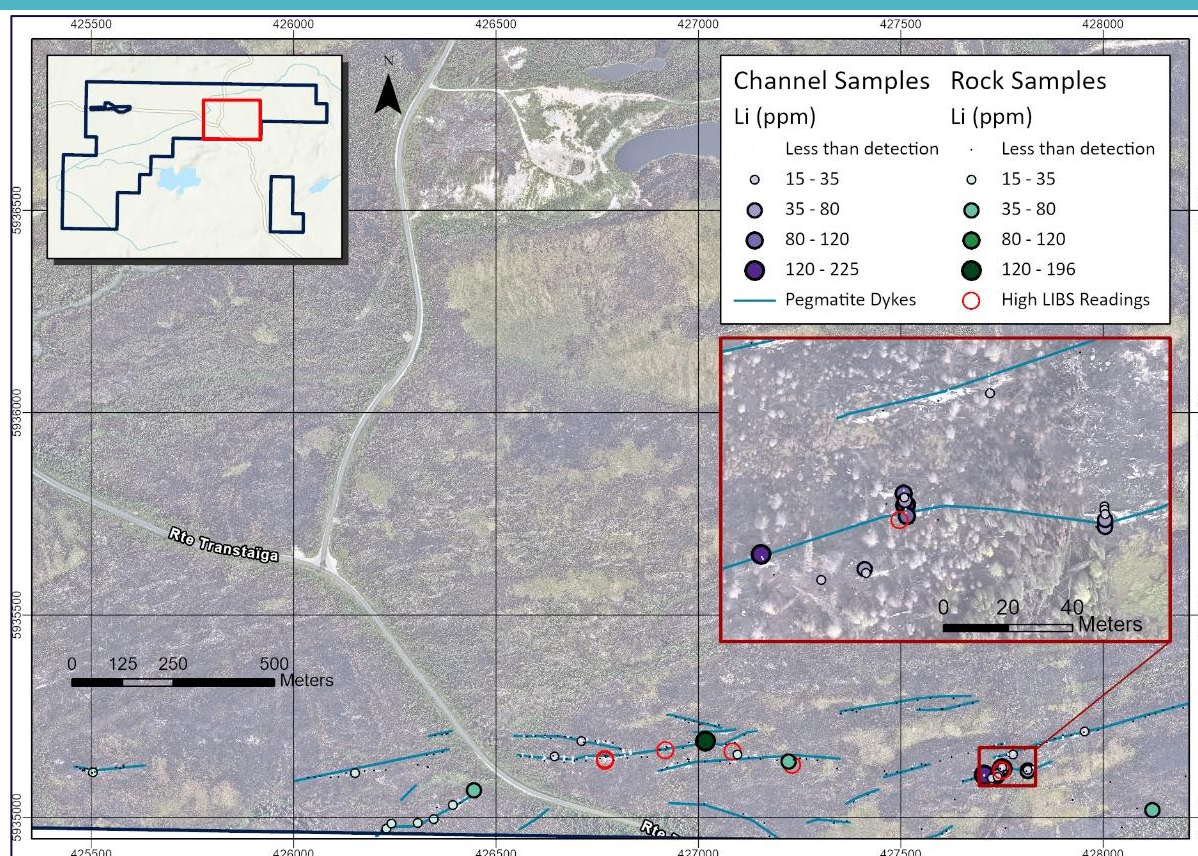


Figure 7 – Channel and rock samples Li readings first pegmatite field.

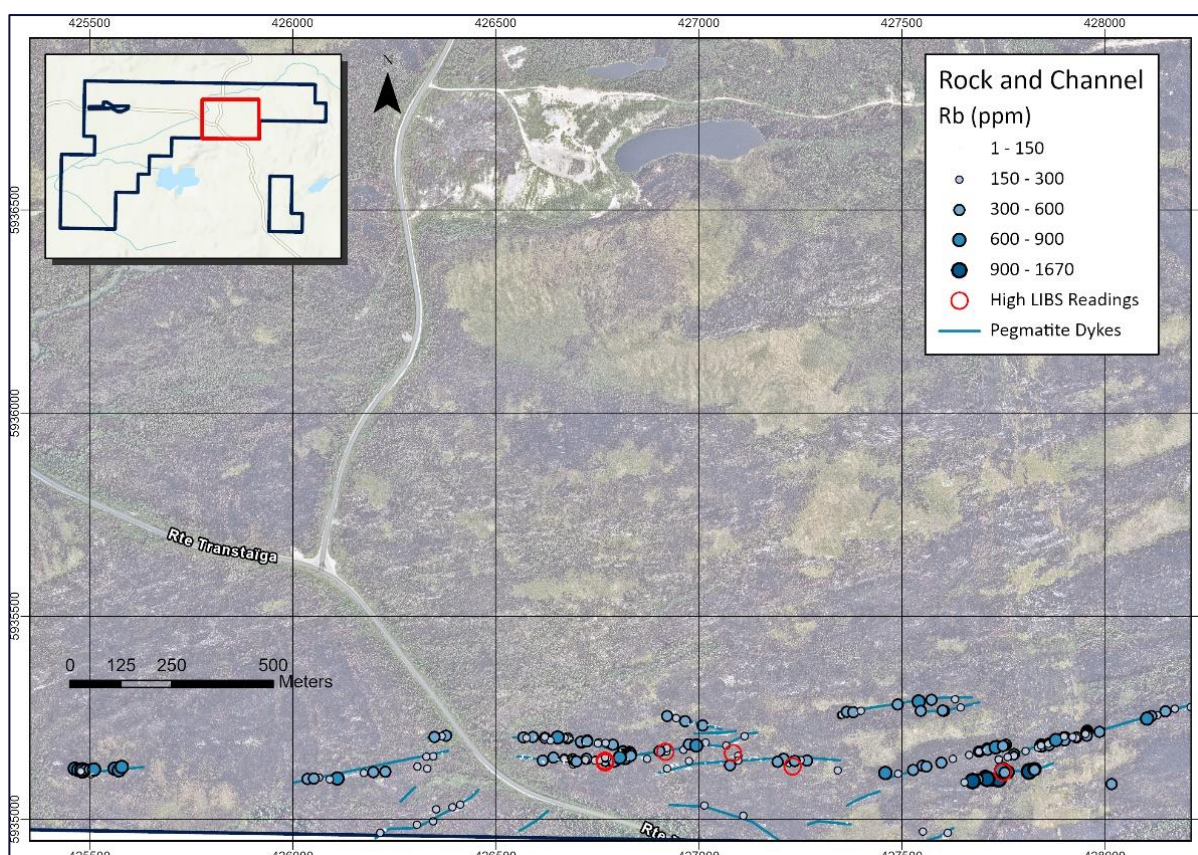


Figure 8 – Channel and rock samples Rb readings first pegmatite field.

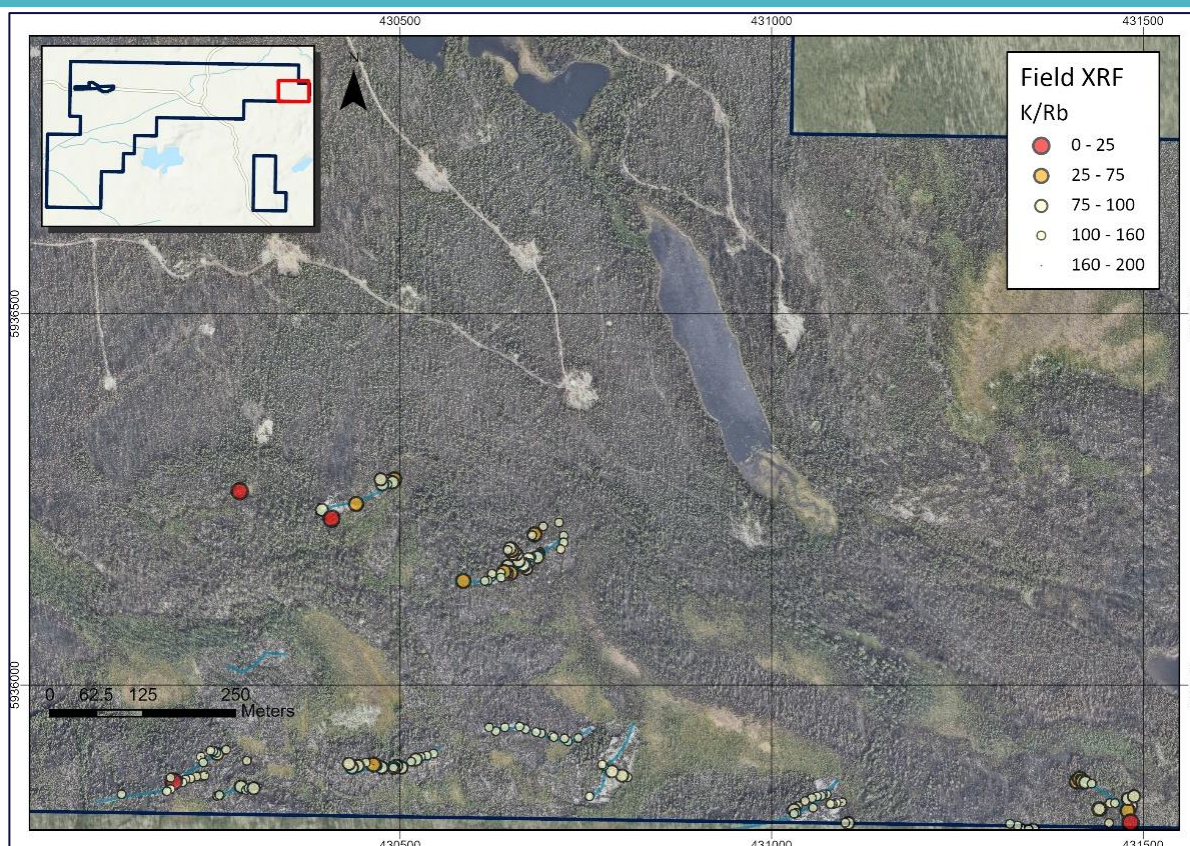


Figure 9 – Rubidium and potassium ratios, XRF readings second pegmatite field.

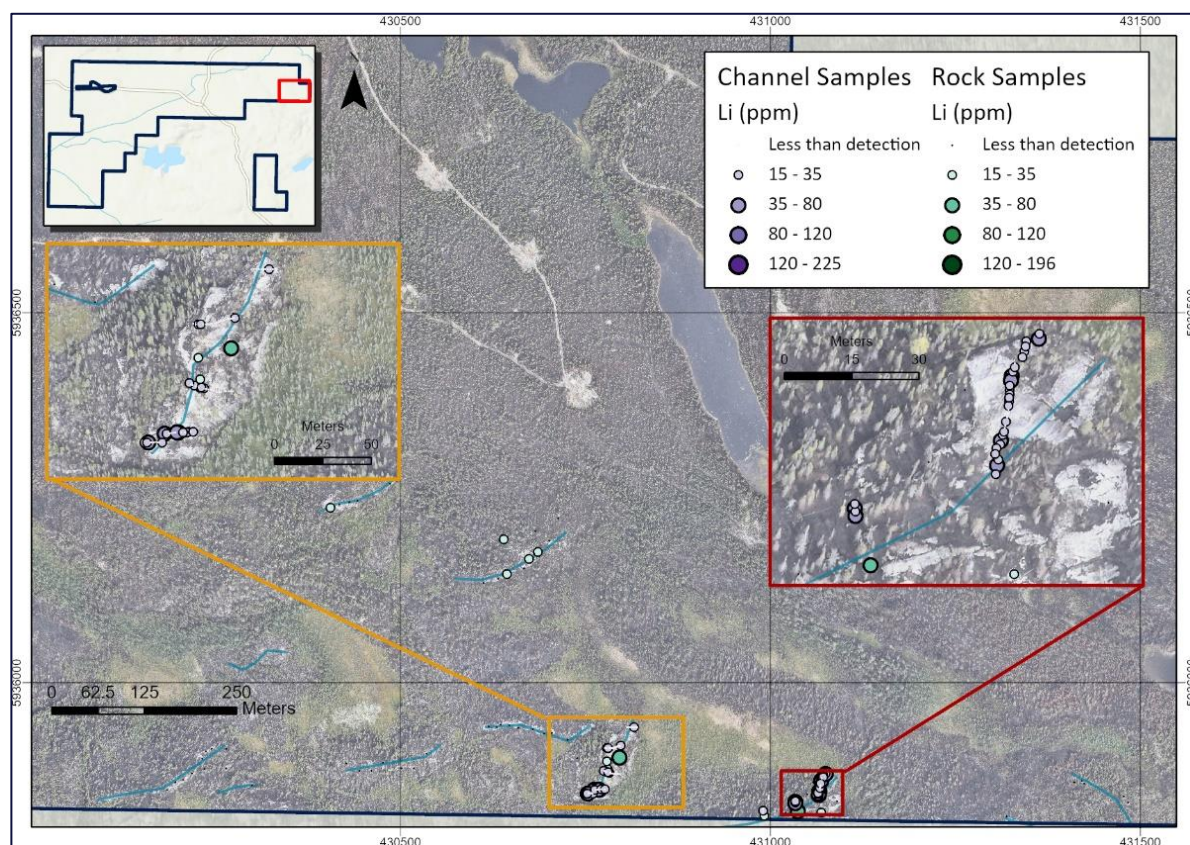


Figure 10 – Channel and rock samples Li readings second pegmatite field.

Results from aerial surveys and sampling have been critical in identifying further unexplored areas of interest to the north-east of the first field of identified pegmatites.

These new areas of interest display several key characteristics which have defined them as high priority follow up targets for the Aero property. These are further detailed below:

1. Proximity to granite intrusion which sits to the south of the Aero Property. Sampling is indicating that the prospectivity is increasing as you move further to the northeast.
2. Variations in slope and elevation identified utilising LiDAR which was not visually obvious to the eye.
3. Targets sit within a magnetic low identified as part of the aerial surveys completed. Magnetic lows are common signatures for pegmatites and have been interpreted as high priority targets for LCT Pegmatites at Aero.

The Company via its exploration partner Breakaway Exploration has provided samples of the emerald, green mineral which provided elevated LIBS readings to McGill University research team who will undertake further analysis of the mineral.

New targets generated from LiDAR are outlined within Figures 11 to 15 below:

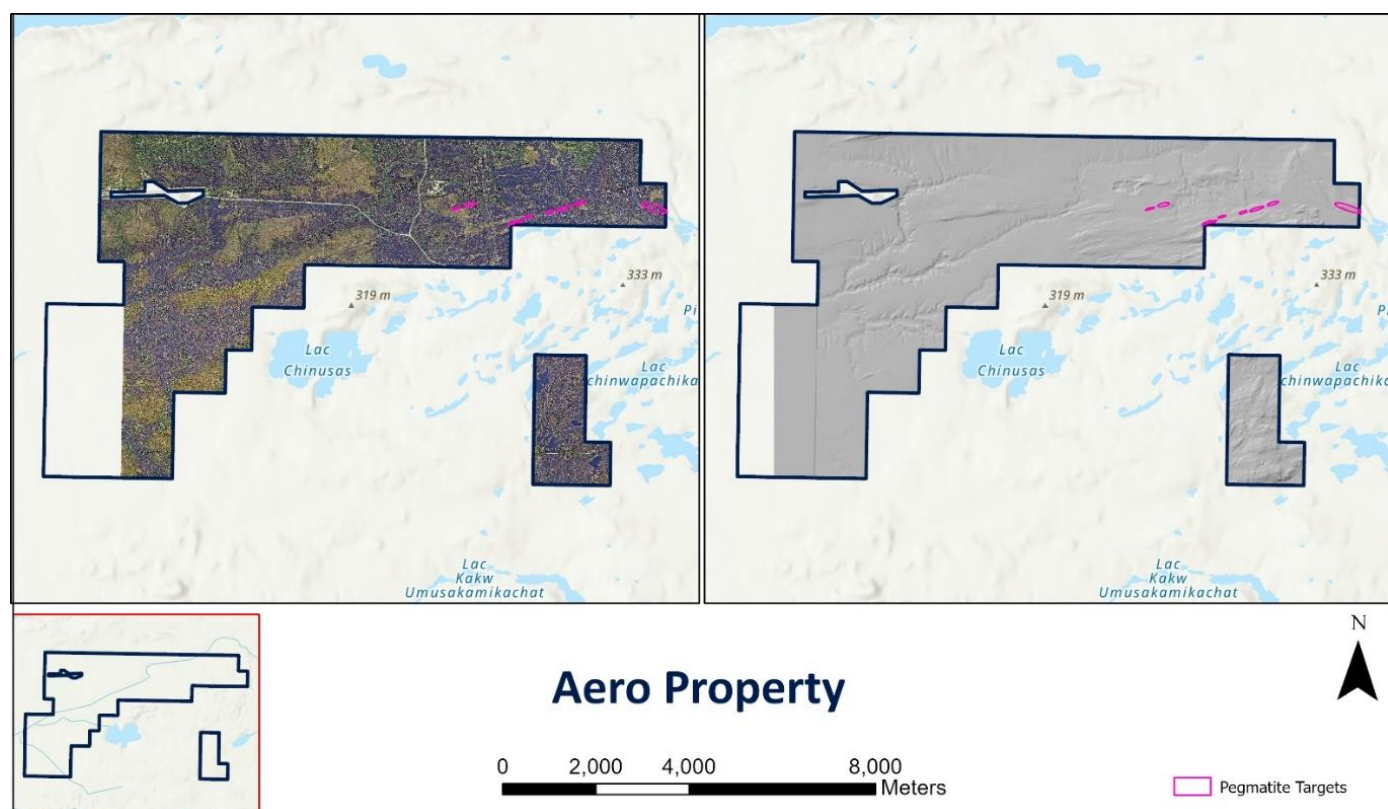


Figure 11 – High-priority follow-up targets within the eastern section of the Aero Property.

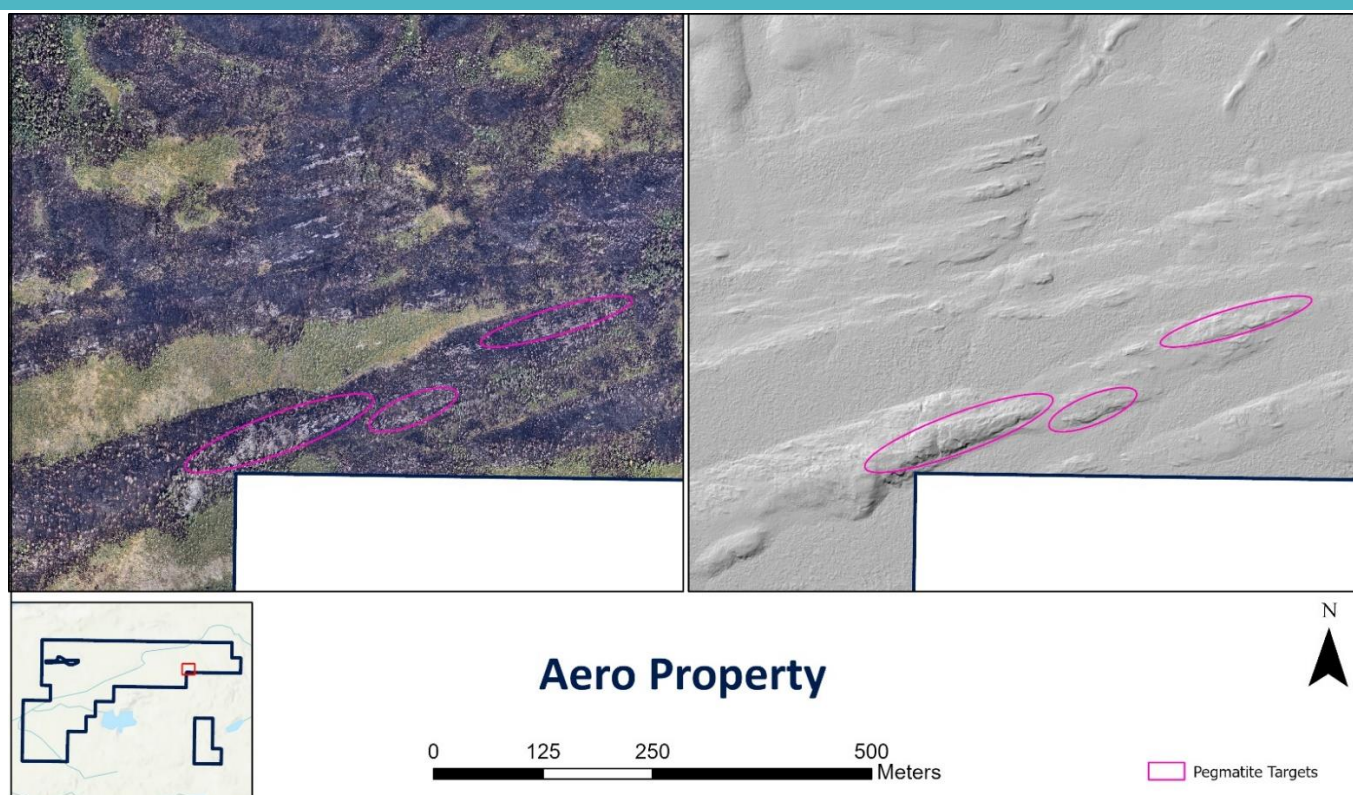


Figure 12 – High-priority follow-up targets within the eastern section of the Aero Property.

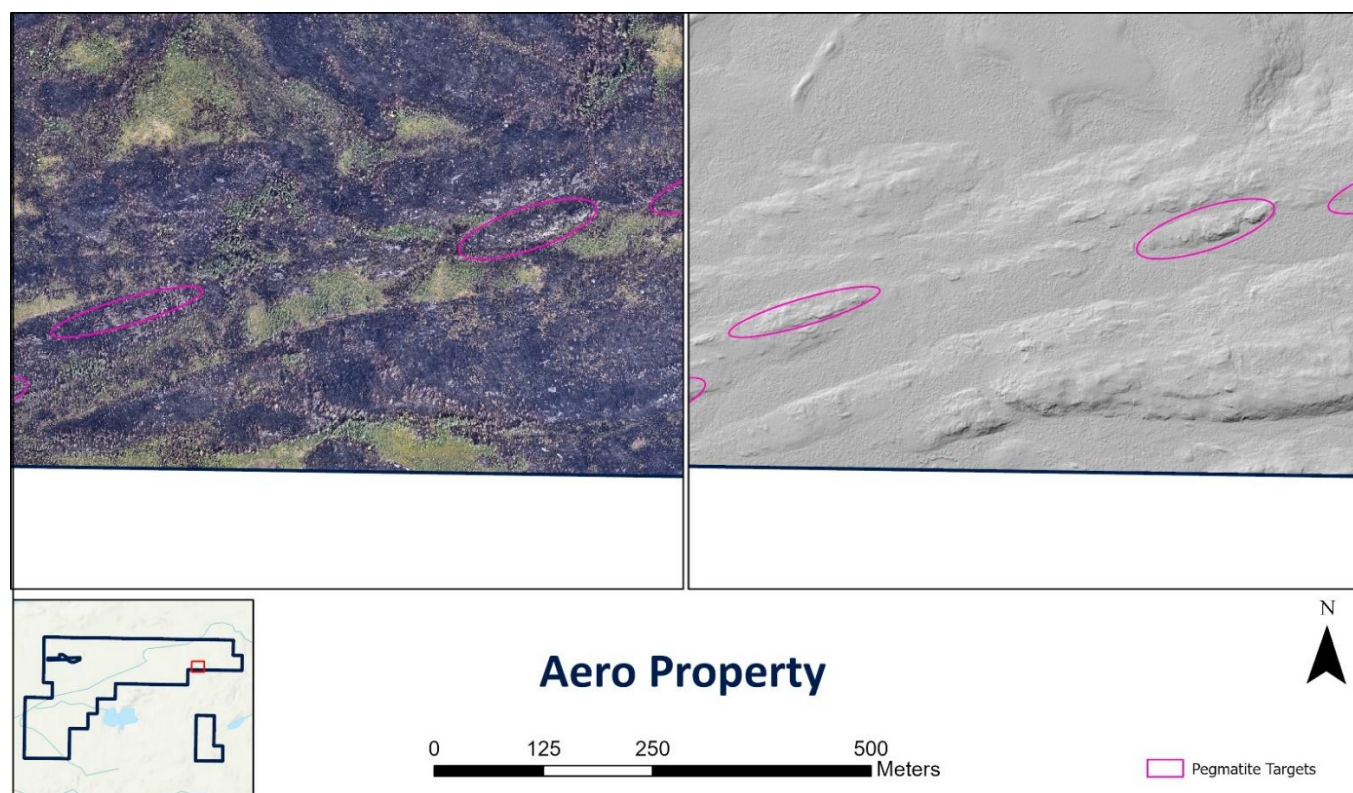


Figure 13 – High-priority follow-up targets within the eastern section of the Aero Property.

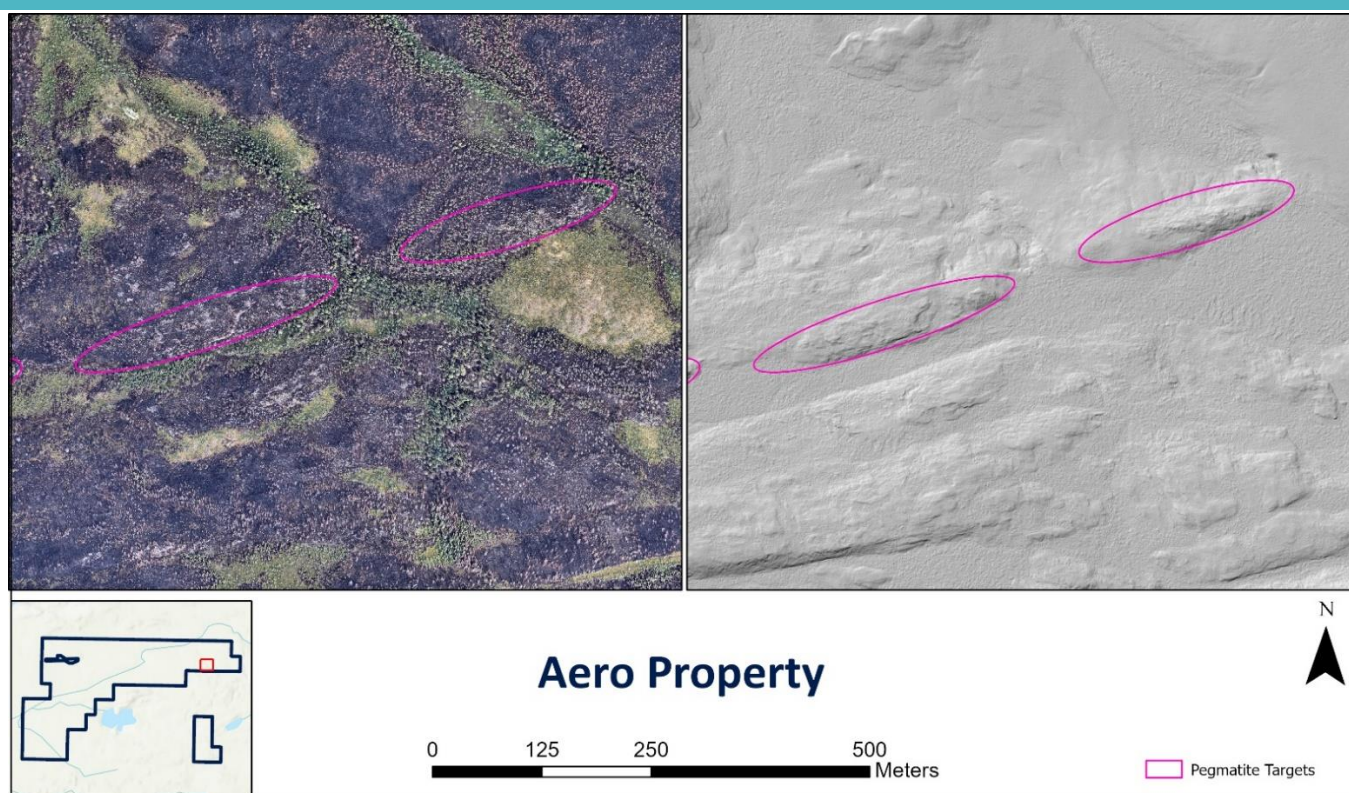


Figure 14 – High-priority follow-up targets within the eastern section of the Aero Property.

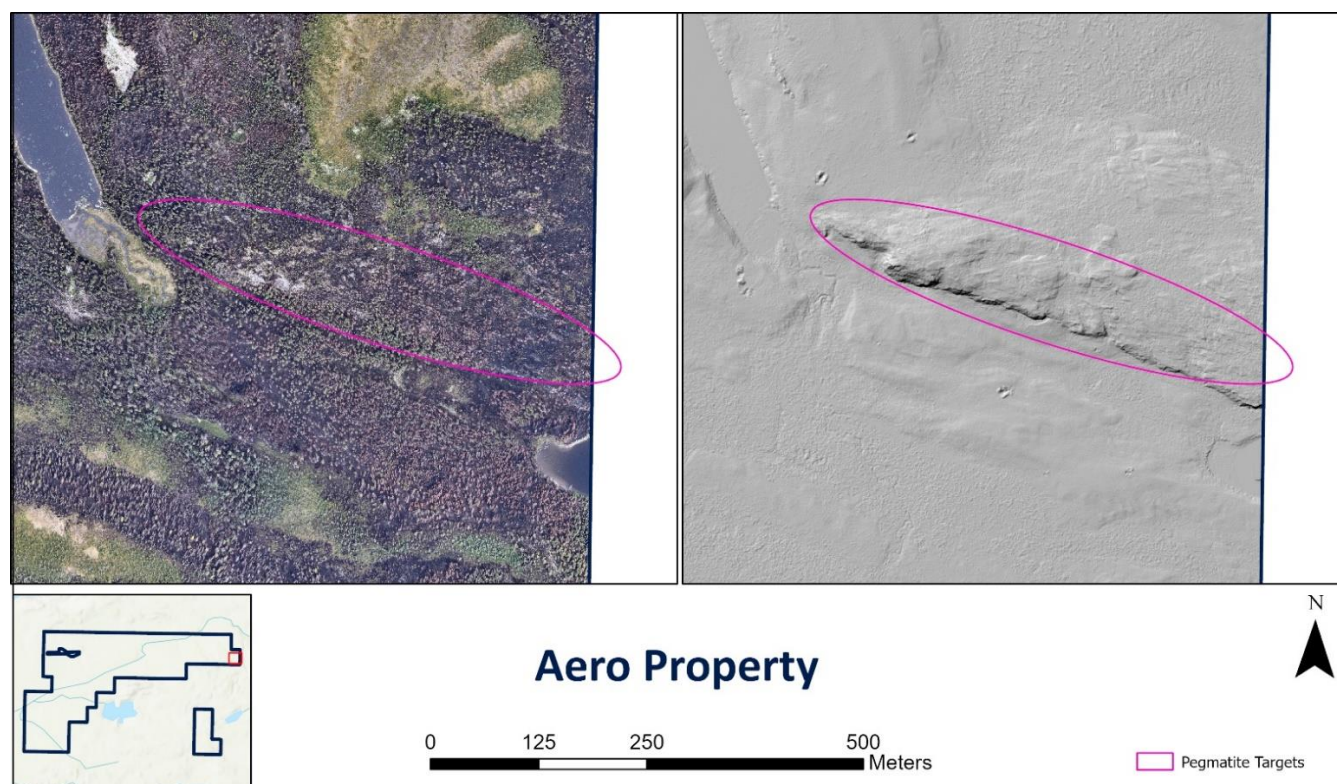


Figure 15 – High-priority follow-up targets within the eastern section of the Aero Property.

Once LiDAR targets were generated, preliminary aeromagnetic survey data was overlayed across the high-priority targets with a key focus on areas within magnetic lows.

Three key areas were identified for follow-up as shown in Figure 16 below.

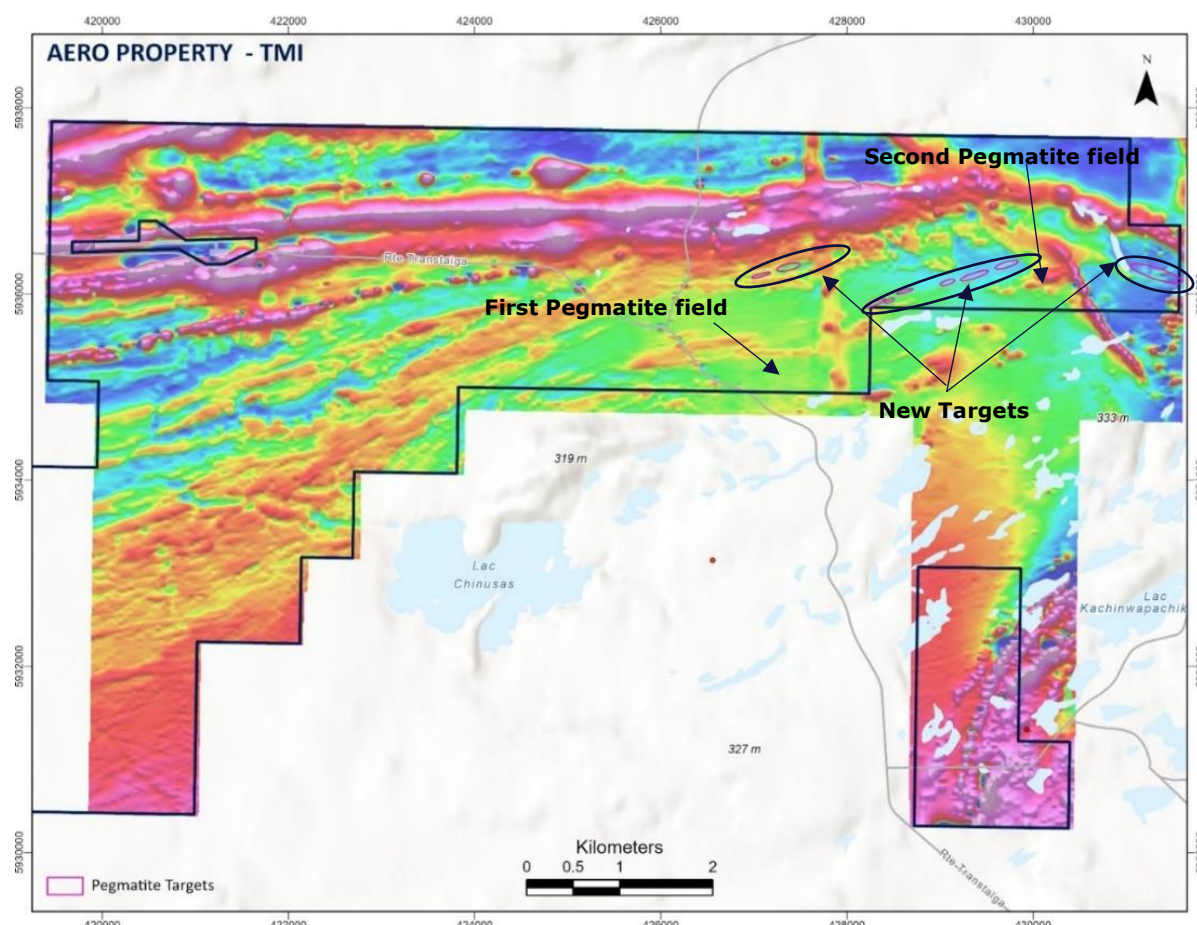


Figure 16 – Key LiDAR targets overlaid with preliminary magnetic survey focusing within magnetic low.

Key activities planned across the Aero Property for 2024 include:

1. Further field prospecting and sampling across targets identified within desktop studies (Figures 11 to 16 above). This will include field mapping, rock chip sampling and channel sampling for analysis.

Aqua Property – La Grande Project

The Aqua Property consists of 172 continuous claims covering an area of 8,803 hectares recently increased by 109 claims and 56km². Regional faults transverse the property from east to west which hosts the La Grande Greenstones.

Activities and data generated as part of the Company's maiden field program were as follows:

1. LiDAR and high-resolution photography. High-priority LCT Pegmatite targets have been identified as shown in Figure 17 below.⁴
2. Aeromagnetic and spectromagnetic surveys flown with key data deliverables received.

⁴ See James Bay Minerals Announcement dated 04 December 2023: "New LCT Pegmatite targets identified at Aqua Property"

3. Short reconnaissance helicopter mapping program undertaken.
4. Additional 109 claims staked for an additional area of 5,578 hectares (56km²).

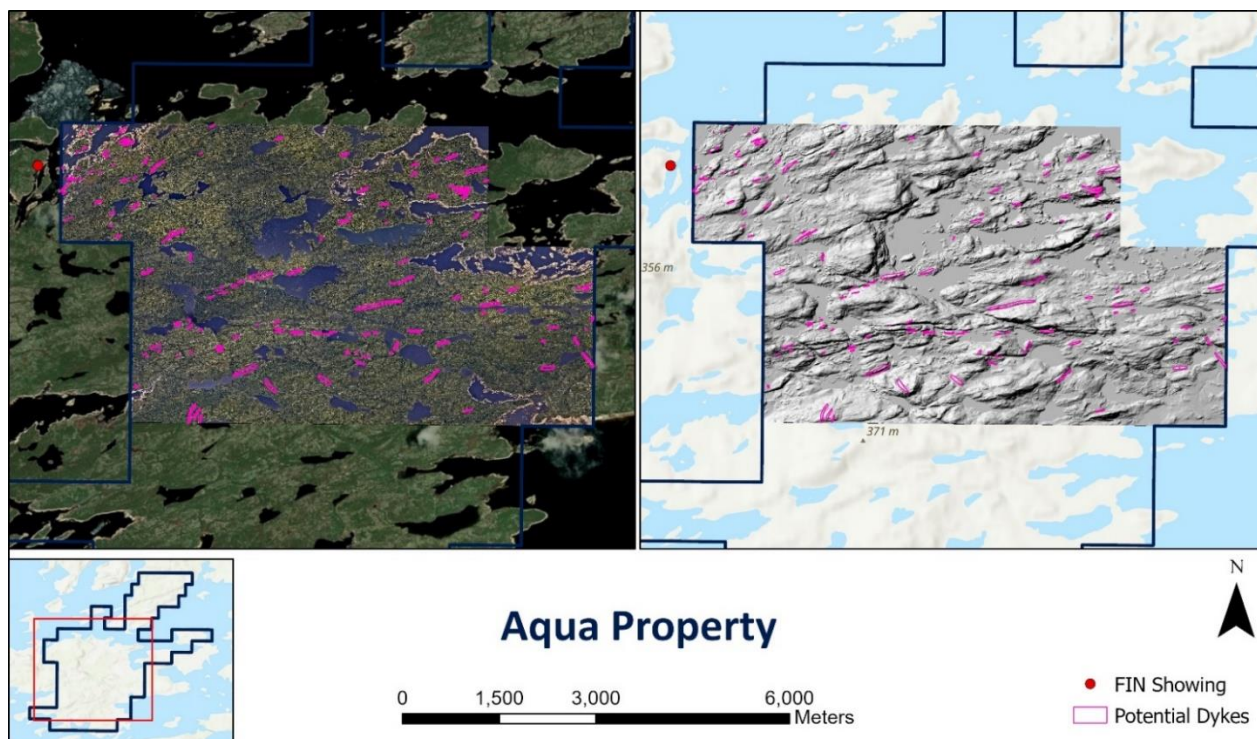


Figure 17 – High-priority LCT pegmatite targets across the Aqua Property.

In conjunction with its exploration partner, Breakaway Exploration, JBY is in the process of planning a targeted field program across the Aqua Property. Activities will include field mapping, rock chip and channel sampling for analysis.

Based on the work completed as part of the maiden field campaign, the Company has a clearer understanding of the Aero Property and continues to develop the geological understanding at the prospect and its potential to host lithium pegmatites.

JBY management and Breakaway will now shift focus to further understand both the Joule and Aqua properties based on the highly valuable data set generated from aerial surveys and targets generated from the analysis carried out on these results.

Coupled with the progress of neighbouring company FIN Resources, the Company is excited about the planned exploration works ahead in 2024.

Background on James Bay Minerals

James Bay has acquired a 100% interest in one of the largest lithium exploration portfolios in the James Bay region, covering an area of 34,572Ha or 346km². The Joule, Aero and Aqua properties are located in the La Grande sub province along trend from the Corvette deposit, where Patriot Battery Metals (ASX: PMT) recently reported a maiden Inferred Mineral Resource Estimate of 109.2Mt at 1.42% Li₂O and 160ppm Ta₂O₅ (0.40% Li₂O cut-off grade).⁵

The Troilus Project is located further to the south sitting only 5km to the north of Sayona's Moblan Lithium Project and proximity to Winsome Resources' Sirmac-Clappier Project.

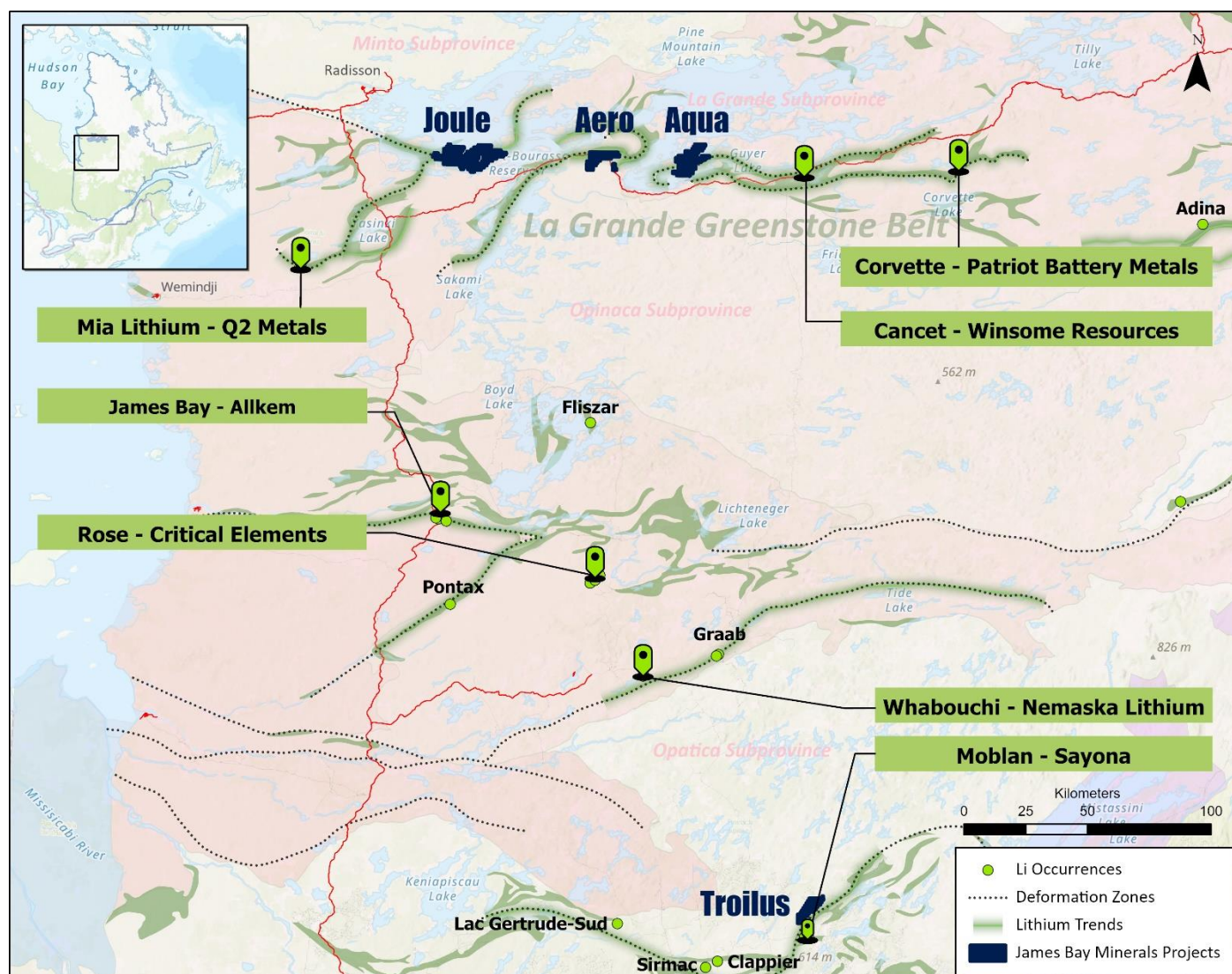


Figure 18 - James Bay Minerals' key lithium project locations in Quebec, Canada.

The flagship Joule Property encompasses a ~24km long prospective deformation zone along a regional fault which has been subject to minimal historical exploration. The eastern segment of the deformation zone extends for 14km and fan tails to reach a width up to 1.5km.

⁵ See Patriot Battery Metals Announcement dated 31 July 2023: "Patriot Announces the Largest Lithium Pegmatite Resource in the Americas at CV5, Corvette Property, Quebec, Canada"

The Aero Prospect contains approximately 12km of deformation zones which are considered highly prospective for LCT pegmatites. Of note, the nearby Cancet (Winsome Resources Ltd) and Corvette (Patriot Battery Metals) properties both exhibit deformation zones upon which significant exploration success has occurred¹.

All the properties have the three key ingredients required to host massive lithium-caesium-tantalum (LCT) pegmatites:

- Neo Archaean rocks;
- placement along major regional faults; and
- lying on greenstone belts in proximity to granites.

This announcement is authorised for ASX lodgement by the Board of Directors of James Bay Minerals Ltd.

ENDS

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Forward-looking statements

This announcement may contain certain forward-looking statements, guidance, forecasts, estimates or projections in relation to future matters (Forward Statements) that involve risks and uncertainties, and which are provided as a general guide only. Forward Statements can generally be identified by the use of forward-looking words such as "anticipate", "estimate", "will", "should", "could", "may", "expects", "plans", "forecast", "target" or similar expressions and include, but are not limited to, indications of, or guidance or outlook on, future earnings or financial position or performance of the Company. The Company can give no assurance that these expectations will prove to be correct. You are cautioned not to place undue reliance on any forward-looking statements. None of the Company, its directors, employees, agents or advisers represent or warrant that such Forward Statements will be achieved or prove to be correct or gives any warranty, express or implied, as to the accuracy, completeness, likelihood of achievement or reasonableness of any Forward Statement contained in this announcement. Actual results may differ materially from those anticipated in these forward-looking statements due to many important factors, risks and uncertainties. The Company does not undertake any obligation to release publicly any revisions to any "forward-looking statement" to reflect events or circumstances after the date of this announcement, except as may be required under applicable laws.

Competent Person Statement

The Exploration Results reported in this announcement are based on, and fairly represent, information and supporting documentation reviewed, and approved by Mr Brodie Box, MAIG. Mr Box is a geologist and has adequate professional experience with the exploration and geology of the style of mineralisation and types of deposits under consideration to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Box consents to the form and context in which the Exploration Results are presented in this announcement.

*The information in this announcement that relates to prior Exploration Results at the La Grande and Troilus Projects is extracted from the Company's Prospectus, dated 19 July 2023, (**Prospectus**) and the ASX announcements, as referenced (**Original Announcements**). The Company confirms that it is not aware of any new information or data that materially affects the information contained in the Prospectus and Original Announcements*

Appendix 1 Joule LiDAR and High-Resolution Aerial Images – LCT Pegmatite Targets

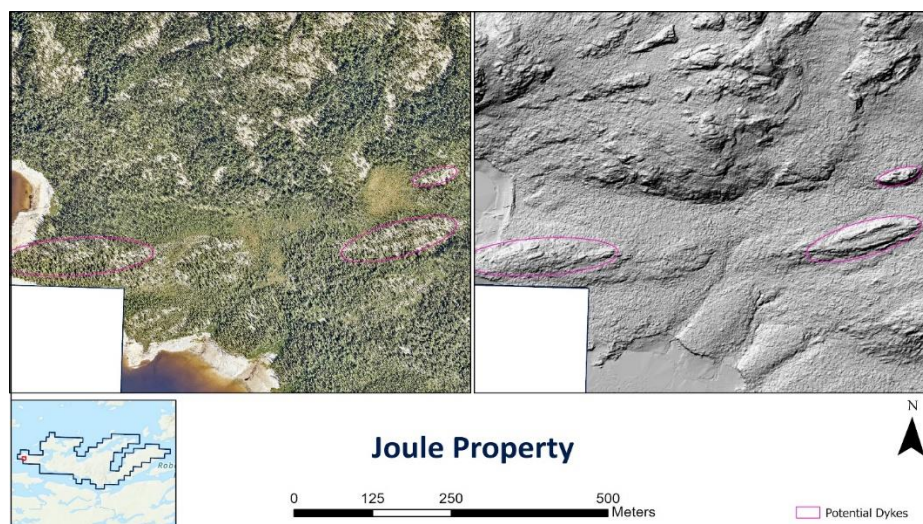


Figure 19 – Joule Property high-priority LCT pegmatite targets within the western section of the Property.

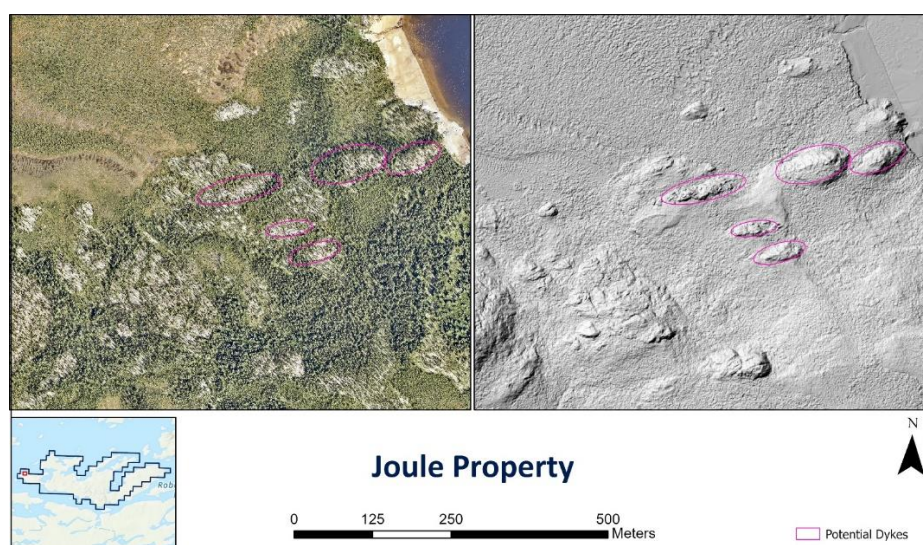


Figure 20 - Joule Property high-priority LCT pegmatite targets within the western section of the Property.

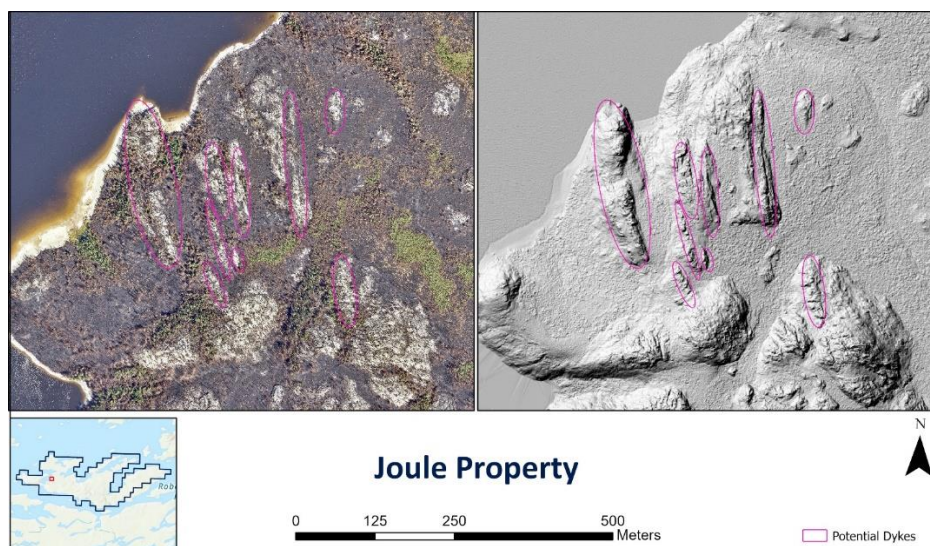


Figure 21 - Joule Property high-priority LCT pegmatite targets within the mid-western section of the Property.

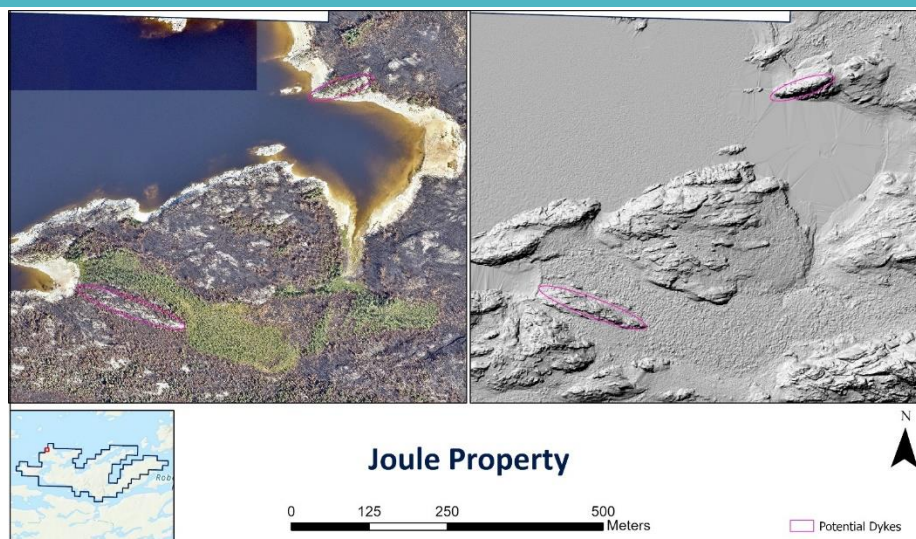


Figure 22 - Joule Property high-priority LCT pegmatite targets within the north-western section of the Property.

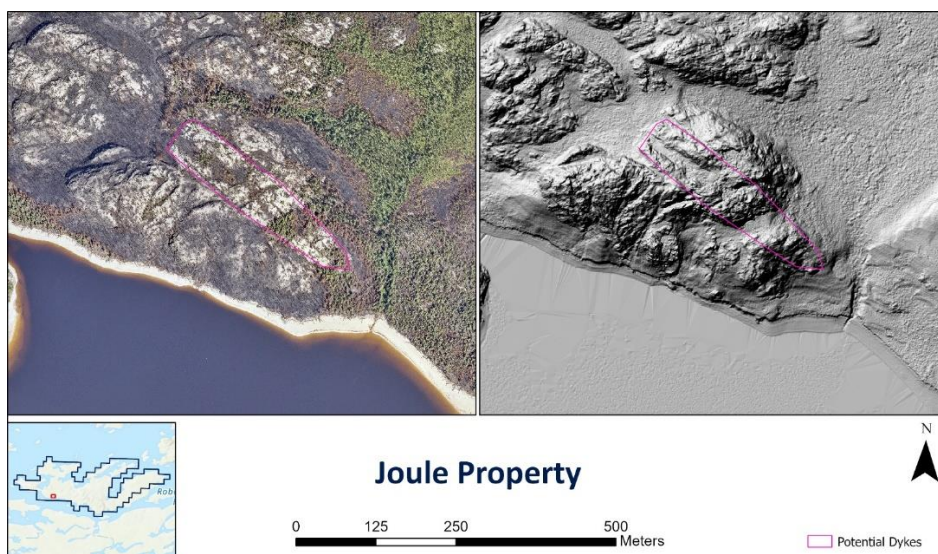


Figure 23 - Joule Property high-priority LCT pegmatite targets within the south-western section of the Property.

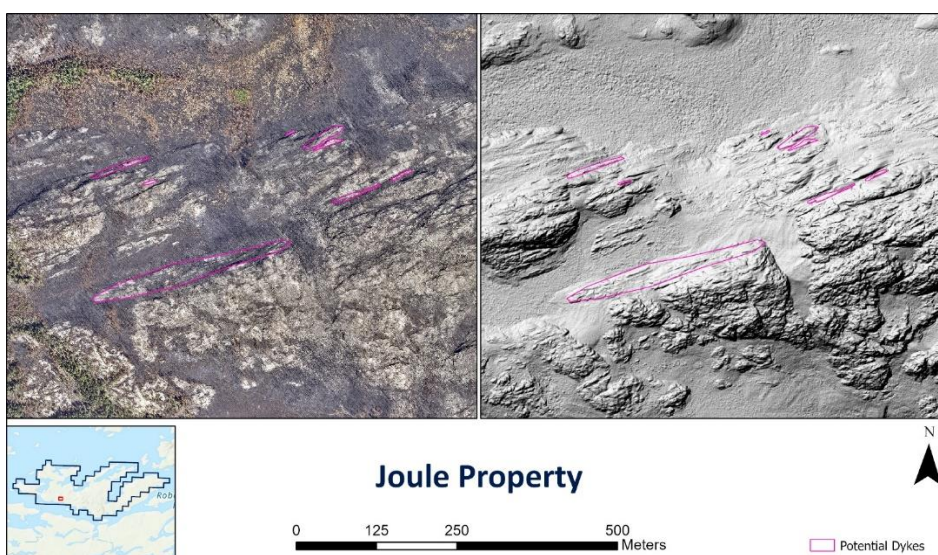


Figure 24 - Joule Property high-priority LCT pegmatite targets within the south-western section of the Property.

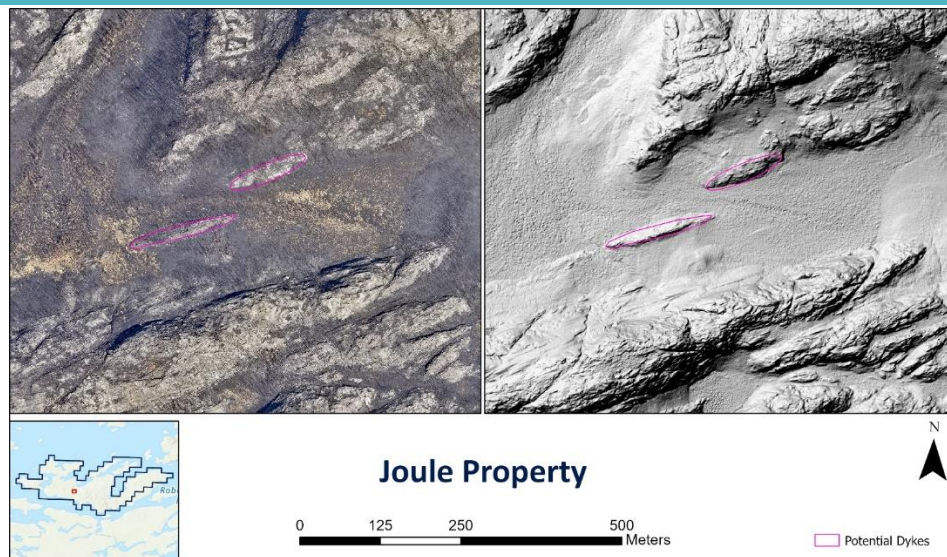


Figure 25 - Joule Property high-priority LCT pegmatite targets within the central section of the Property.

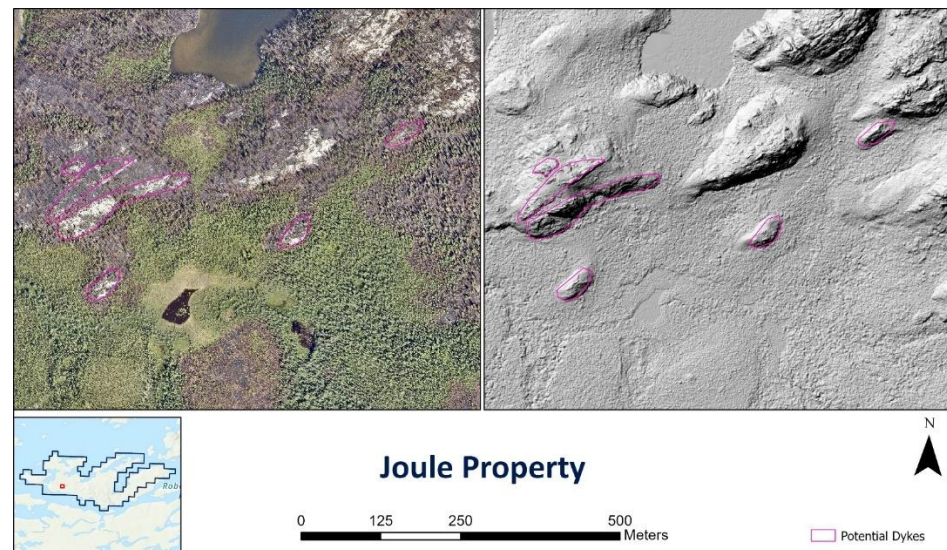


Figure 26 - Joule Property high-priority LCT pegmatite targets within the south-western section of the Property.

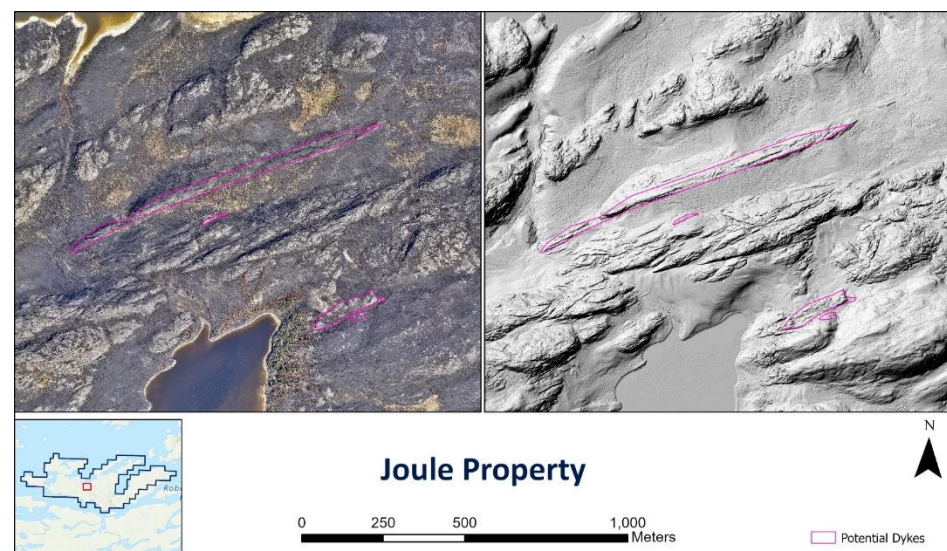


Figure 27 - Joule Property high-priority LCT pegmatite targets within the central section of the Property.

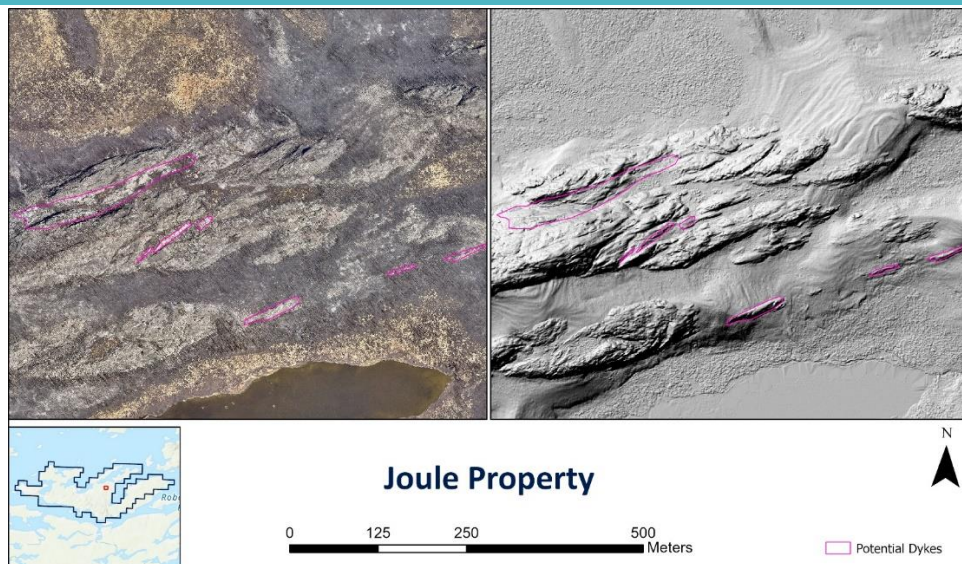


Figure 28 - Joule Property high-priority LCT pegmatite targets within the northern central section of the Property

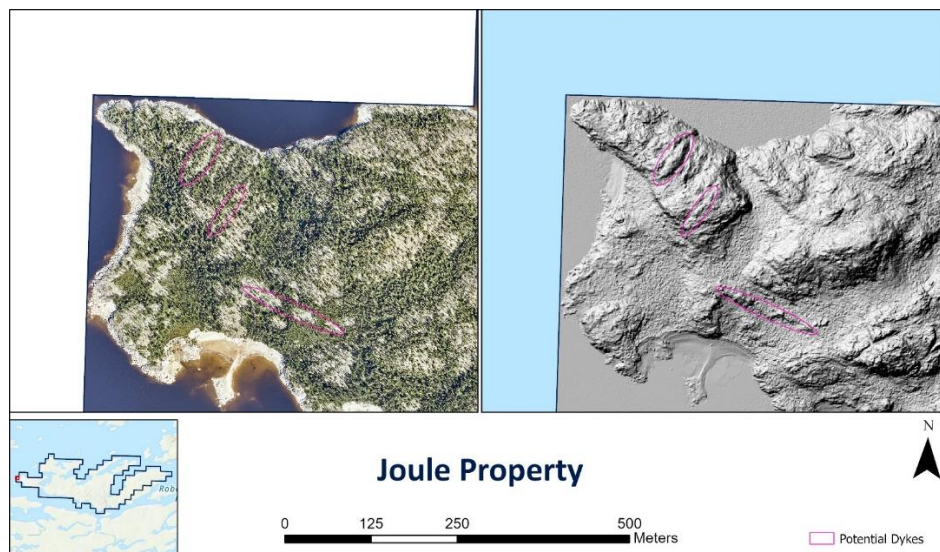


Figure 29 - Joule Property high-priority LCT pegmatite targets within the western section of the Property

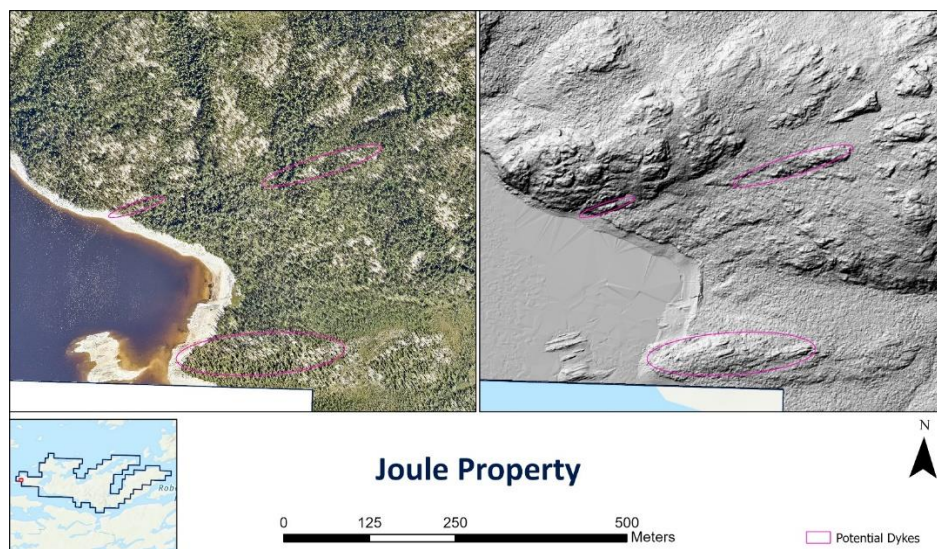


Figure 30 - Joule Property high-priority LCT pegmatite targets within the northern section of the Property.

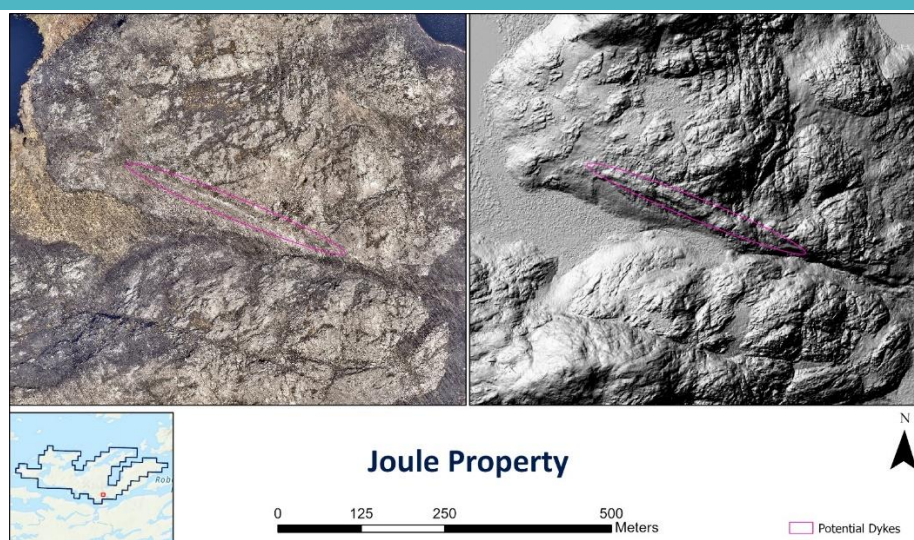


Figure 31 - Joule Property high-priority LCT pegmatite targets within the southern section of the Property.

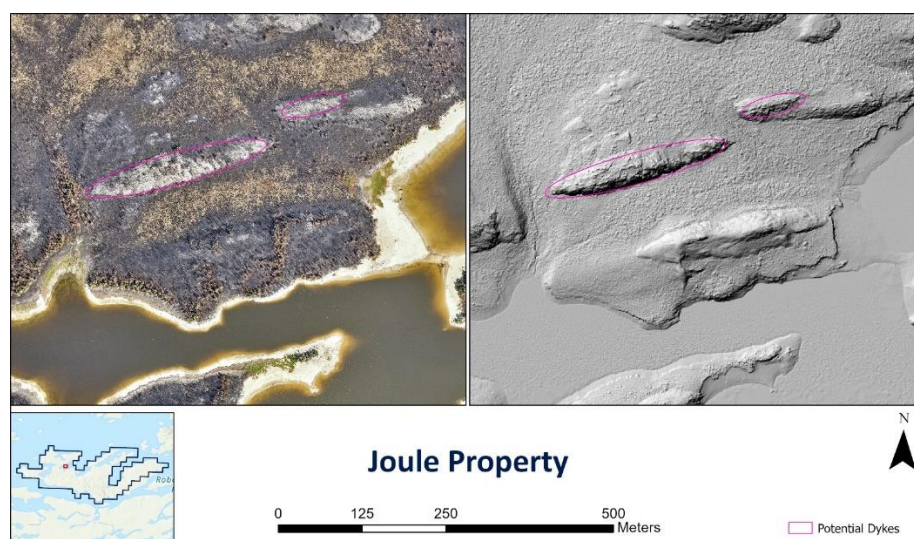


Figure 32 - Joule Property high-priority LCT pegmatite targets within the north-western section of the Property.

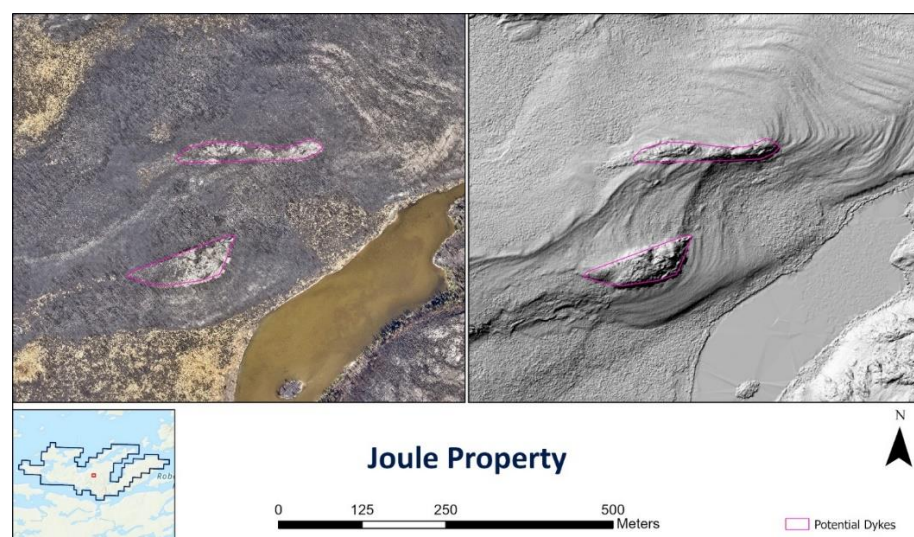


Figure 33 - Joule Property high-priority LCT pegmatite targets within the central section of the Property.

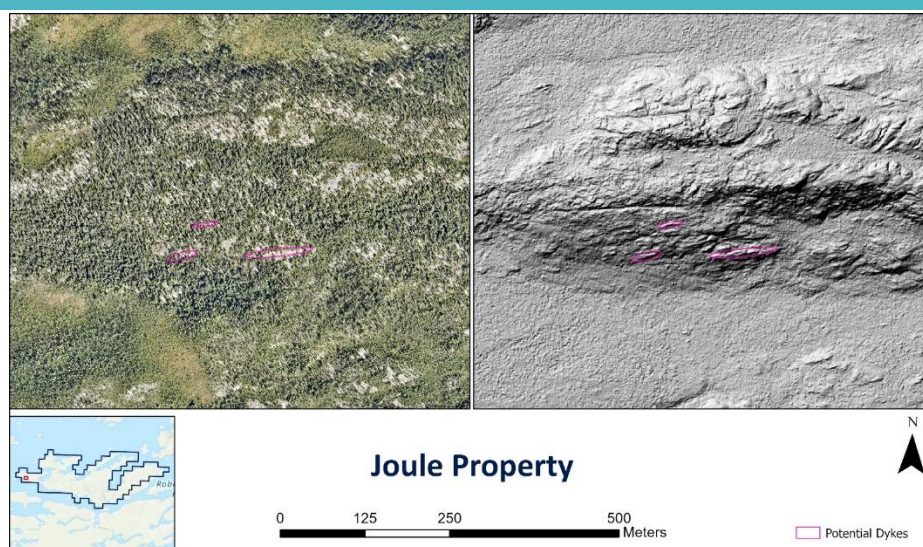


Figure 34 - Joule Property high-priority LCT pegmatite targets within the western section of the Property.

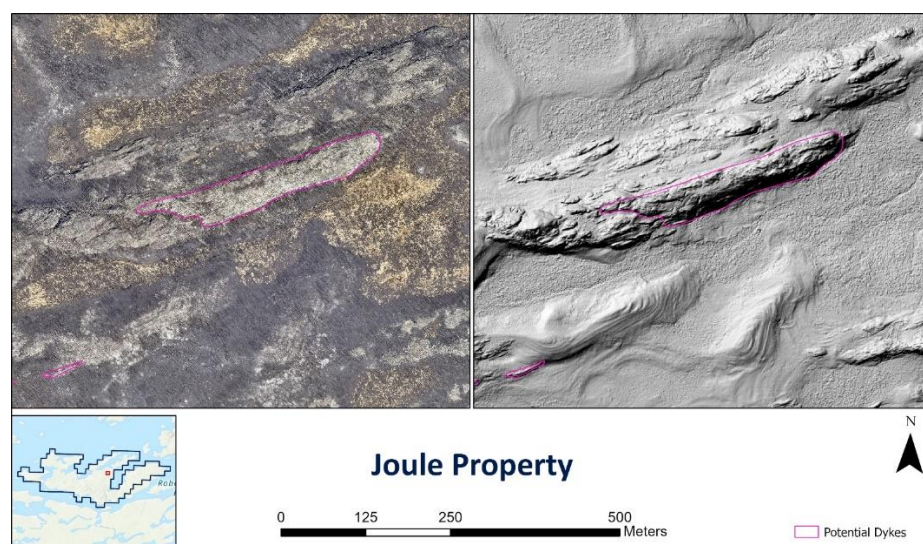


Figure 35 - Joule Property high-priority LCT pegmatite targets within the northern central section of the Property.

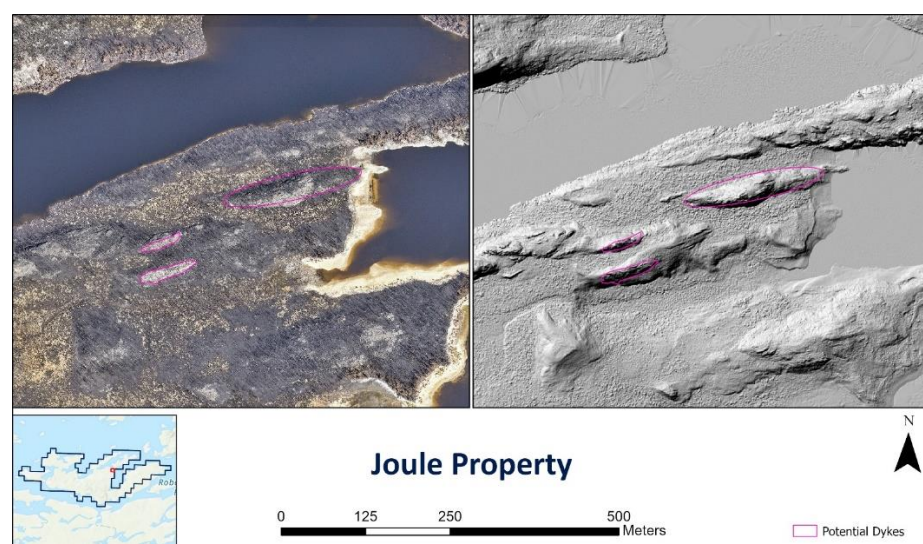


Figure 36 - Joule Property high-priority LCT pegmatite targets within the northern central section of the Property.

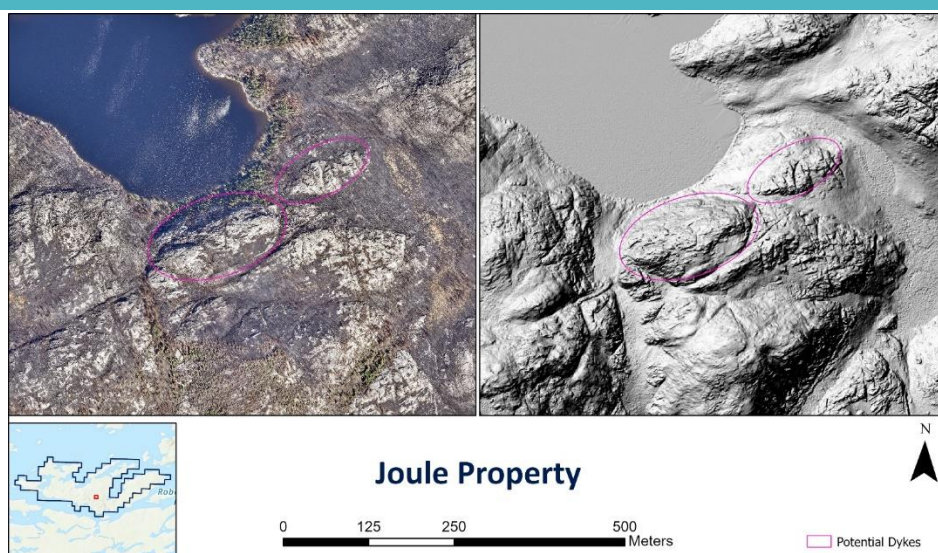


Figure 37 - Joule Property high-priority LCT pegmatite targets within the central section of the Property.

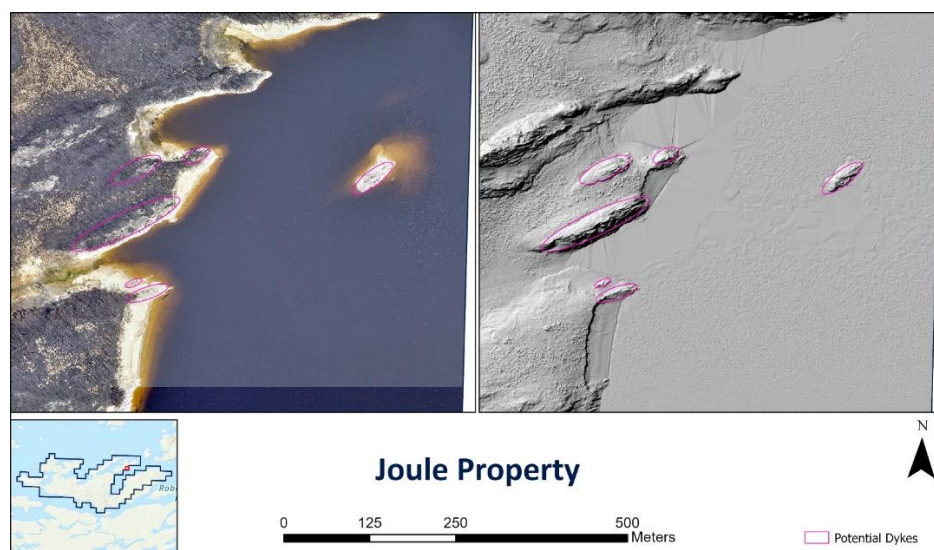


Figure 38 - Joule Property high-priority LCT pegmatite targets within the northern section of the Property

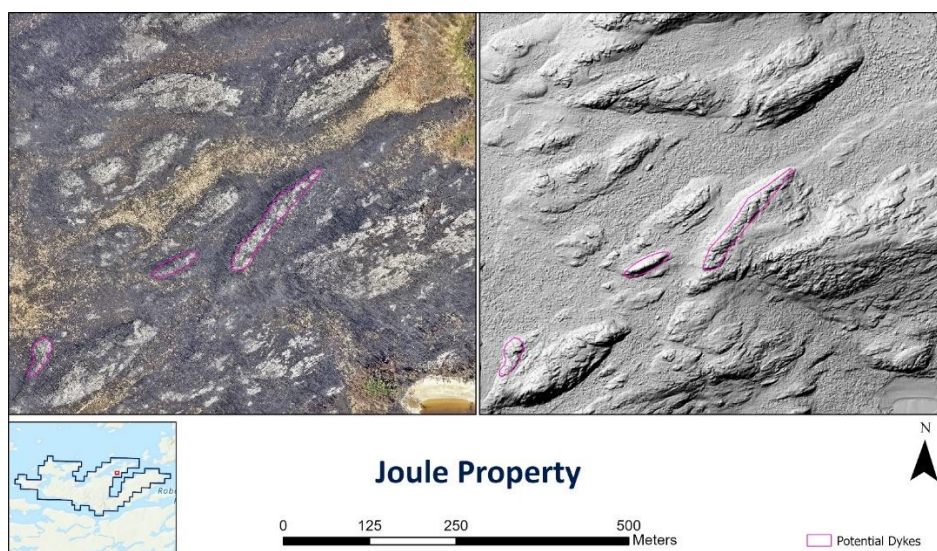


Figure 39 - Joule Property high-priority LCT pegmatite targets within the northern section of the Property.

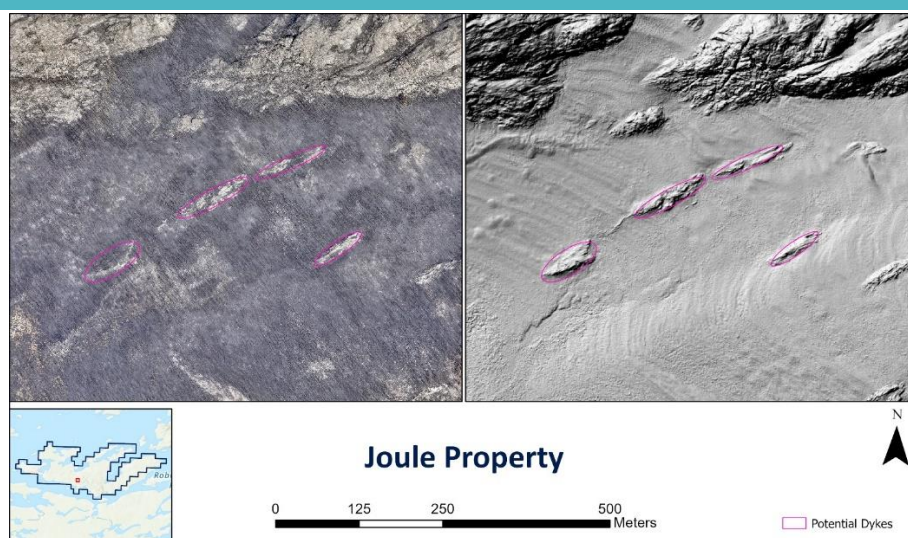


Figure 40 - Joule Property high-priority LCT pegmatite targets within the south-central section of the Property.

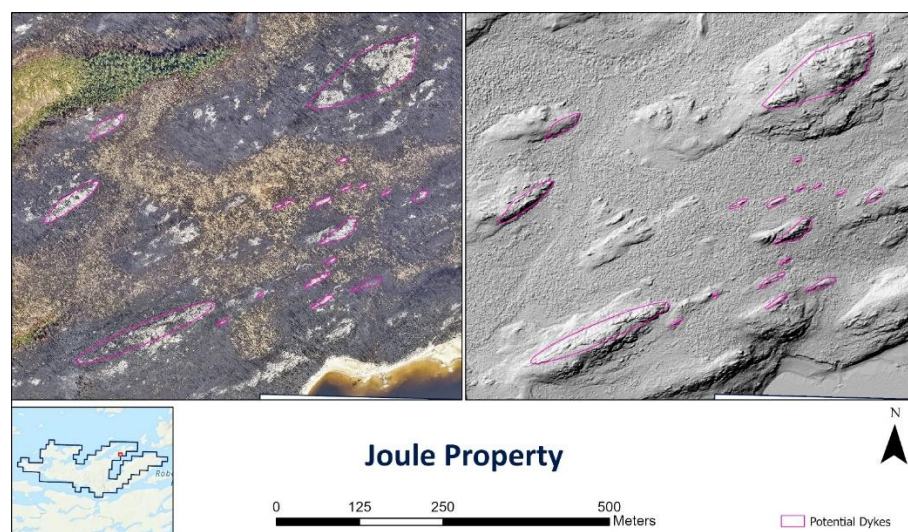


Figure 41 - Joule Property high-priority LCT pegmatite targets within the northern section of the Property

Appendix 2 - Aero Prospecting Samples

Aero handheld Sci-Aps LIBs Z-903 readings

Sample	Easting	Northing	Libs Li %	Derivation	Instrument	Method	Reading Time	Calibration	Standard Checks Every 10 readings
138117	426770	5935143	20.58	± 11.28	SciAps Z-903	Lithium Pegmatite	3 - 5 seconds	Pass	GTA-13, GTA-08, MEG-Li 10.15-P
138118	426769	5935144	17.9	± 6.15	SciAps Z-903	Lithium Pegmatite	3 - 5 seconds	Pass	GTA-13, GTA-08, MEG-Li 10.15-P
138120	426769	5935140	8.02	± 3.92	SciAps Z-903	Lithium Pegmatite	3 - 5 seconds	Pass	GTA-13, GTA-08, MEG-Li 10.15-P
138137	427749	5935116	3.76	± 1.10	SciAps Z-903	Lithium Pegmatite	3 - 5 seconds	Pass	GTA-13, GTA-08, MEG-Li 10.15-P
138120	426769	5935140	2.38	± 1.45	SciAps Z-903	Lithium Pegmatite	3 - 5 seconds	Pass	GTA-13, GTA-08, MEG-Li 10.15-P
138120	426769	5935140	1.5	± 0.45	SciAps Z-903	Lithium Pegmatite	3 - 5 seconds	Pass	GTA-13, GTA-08, MEG-Li 10.15-P
138118	426769	5935144	5.22	± 2.81	SciAps Z-903	Lithium Pegmatite	3 - 5 seconds	Pass	GTA-13, GTA-08, MEG-Li 10.15-P

Aero handheld XRF Potassium, Rubidium and K/RB Ratios

Potassium (K, %)	Rubidium (Rb, ppm)	K/Rb	Easting	Northing	Reading Time
0.02	38	5	428573	5935372	~40 Seconds
0.5	795	6	428546	5935364	~40 Seconds
0.2	246	8	429633	5931517	~40 Seconds
0.1	93	11	428500	5935347	~40 Seconds
0.9	681	13	428988	5931332	~40 Seconds
1.14	836	14	428511	5935350	~40 Seconds
1.59	1144	14	429619	5931469	~40 Seconds
2.08	1468	14	427753	5935117	~40 Seconds
1.56	1057	15	429628	5931517	~40 Seconds
1.78	1079	16	428508	5935346	~40 Seconds
0.7	412	17	428555	5935365	~40 Seconds
1.46	884	17	429592	5931496	~40 Seconds
0.3	157	19	428952	5930322	~40 Seconds
0.3	148	20	428403	5935353	~40 Seconds
2.94	1369	21	427038	5935233	~40 Seconds
1.62	777	21	429595	5931519	~40 Seconds
1.82	864	21	429596	5931521	~40 Seconds
1.28	617	21	429588	5931507	~40 Seconds
0.7	314	22	429595	5931512	~40 Seconds
1.26	579	22	428957	5930333	~40 Seconds
0.2	90	22	429129	5930311	~40 Seconds
1.55	666	23	428532	5935362	~40 Seconds
0.4	175	23	429027	5931392	~40 Seconds
0.7	302	23	429129	5930311	~40 Seconds
1.31	543	24	428456	5935335	~40 Seconds
0.8	338	24	428969	5931331	~40 Seconds
1.34	562	24	428954	5930346	~40 Seconds
5.24	2166	24	427753	5935117	~40 Seconds
1.58	640	25	428480	5935327	~40 Seconds
0.7	282	25	428537	5935363	~40 Seconds
2.68	1049	26	426046	5935101	~40 Seconds
1.8	688	26	428525	5935356	~40 Seconds
0.9	349	26	428541	5935362	~40 Seconds
0.5	187	27	426956	5935044	~40 Seconds
1.2	447	27	431407	5935793	~40 Seconds
2.37	841	28	428512	5935352	~40 Seconds
1.62	581	28	428990	5931330	~40 Seconds
1	331	30	428581	5935376	~40 Seconds
0.6	197	30	429129	5930311	~40 Seconds
0.1	31	32	429161	5930334	~40 Seconds
1.26	382	33	428979	5931347	~40 Seconds
3.71	1111	33	428951	5930322	~40 Seconds
0.5	153	33	429186	5930332	~40 Seconds
3.29	982	34	428960	5930334	~40 Seconds
2.7	799	34	428970	5930336	~40 Seconds
0.4	115	35	428519	5935352	~40 Seconds
4.43	1233	36	426950	5935039	~40 Seconds
3.53	994	36	428953	5930326	~40 Seconds
2.76	744	37	428461	5935332	~40 Seconds
2.87	754	38	428489	5935331	~40 Seconds
0.9	232	39	429023	5931389	~40 Seconds
2.72	697	39	428957	5930313	~40 Seconds
1.85	465	40	428555	5935367	~40 Seconds
0.7	174	40	428986	5931326	~40 Seconds
2.54	636	40	429029	5930385	~40 Seconds
7.95	1954	41	427387	5935264	~40 Seconds
4.87	1184	41	429144	5931486	~40 Seconds
2.96	719	41	428979	5931324	~40 Seconds
0.7	171	41	428972	5931339	~40 Seconds

Potassium (K, %)	Rubidium (Rb, ppm)	K/Rb	Easting	Northing	Reading Time
0.8	195	41	429129	5930311	~40 Seconds
1.46	344	42	427552	5935296	~40 Seconds
2.64	628	42	428985	5931330	~40 Seconds
2.56	612	42	428951	5930333	~40 Seconds
1.08	255	42	429128	5930288	~40 Seconds
1.27	295	43	426385	5935166	~40 Seconds
2.31	532	43	428471	5935332	~40 Seconds
3.01	698	43	428477	5935336	~40 Seconds
7.45	1730	43	427812	5935114	~40 Seconds
0.8	181	44	431479	5935831	~40 Seconds
2.03	457	44	429066	5931412	~40 Seconds
2.7	610	44	429039	5930390	~40 Seconds
0.5	114	44	429161	5930334	~40 Seconds
3.18	713	45	428979	5931320	~40 Seconds
2.7	596	45	428955	5930317	~40 Seconds
0.4	87	46	428496	5935347	~40 Seconds
2.44	529	46	428524	5935358	~40 Seconds
2.32	502	46	429069	5931415	~40 Seconds
13.71	2911	47	427747	5935117	~40 Seconds
10.85	2295	47	427747	5935125	~40 Seconds
4.12	854	48	425605	5935125	~40 Seconds
2.37	490	48	428551	5935364	~40 Seconds
0.1	21	48	429019	5931389	~40 Seconds
9.67	1974	49	430640	5936152	~40 Seconds
0.8	159	50	430650	5936182	~40 Seconds
9.47	1902	50	427708	5935101	~40 Seconds
9.86	1954	50	427675	5935101	~40 Seconds
3.8	741	51	426996	5935239	~40 Seconds
0.6	117	51	429117	5930294	~40 Seconds
0.8	155	52	431419	5935870	~40 Seconds
5.64	1076	52	426822	5935165	~40 Seconds
6.12	1171	52	430681	5936203	~40 Seconds
1.77	342	52	429104	5930284	~40 Seconds
9.29	1768	53	427406	5935268	~40 Seconds
2.61	494	53	429039	5931385	~40 Seconds
4.43	838	53	428951	5930341	~40 Seconds
9.31	1742	53	427812	5935117	~40 Seconds
2.97	555	54	428952	5930342	~40 Seconds
1	185	54	430585	5936140	~40 Seconds
2.53	457	55	428565	5935367	~40 Seconds
2.62	478	55	429032	5931394	~40 Seconds
11.87	2155	55	427808	5935114	~40 Seconds
8.41	1540	55	427745	5935100	~40 Seconds
6.08	1092	56	425490	5935117	~40 Seconds
9.18	1599	57	427631	5935298	~40 Seconds
2.76	488	57	428952	5930360	~40 Seconds
9.8	1714	57	427704	5935100	~40 Seconds
3.8	654	58	431415	5935874	~40 Seconds
3.73	643	58	427005	5935211	~40 Seconds
5.29	913	58	430492	5936277	~40 Seconds
3.34	564	59	428921	5931246	~40 Seconds
9.92	1667	60	427744	5935123	~40 Seconds
6.11	997	61	426229	5935115	~40 Seconds
5.43	890	61	426587	5935203	~40 Seconds
0.7	114	61	429123	5930314	~40 Seconds
2.04	326	63	430649	5936151	~40 Seconds
9.78	1556	63	427742	5935116	~40 Seconds
5.37	838	64	426949	5935250	~40 Seconds
8.55	1340	64	427496	5935283	~40 Seconds
5.07	790	64	429038	5930386	~40 Seconds
8.93	1381	65	427054	5935231	~40 Seconds

Potassium (K, %)	Rubidium (Rb, ppm)	K/Rb	Easting	Northing	Reading Time
8.3	1284	65	430441	5936244	~40 Seconds
6.15	951	65	427876	5935188	~40 Seconds
11.39	1763	65	427812	5935114	~40 Seconds
3.21	486	66	426396	5935169	~40 Seconds
6.17	939	66	426573	5935198	~40 Seconds
1.9	290	66	429118	5930316	~40 Seconds
9.5	1435	66	430666	5936162	~40 Seconds
4.07	615	66	427680	5935101	~40 Seconds
3.38	508	67	431441	5935833	~40 Seconds
6.25	936	67	426635	5935200	~40 Seconds
7.76	1163	67	425582	5935120	~40 Seconds
2.38	357	67	427763	5935120	~40 Seconds
7.63	1112	69	427014	5935237	~40 Seconds
3.4	496	69	427135	5935213	~40 Seconds
3.94	563	70	431417	5935792	~40 Seconds
8.39	1207	70	427679	5935092	~40 Seconds
1.29	181	71	426199	5935117	~40 Seconds
11.17	1582	71	430464	5935893	~40 Seconds
4.69	659	71	425606	5935125	~40 Seconds
7.03	997	71	427981	5935212	~40 Seconds
5.58	774	72	426619	5935202	~40 Seconds
10.9	1507	72	426710	5935196	~40 Seconds
10	1393	72	427634	5935299	~40 Seconds
9.96	1373	73	427035	5935232	~40 Seconds
5.57	767	73	427388	5935265	~40 Seconds
9.45	1284	74	427382	5935269	~40 Seconds
6.53	887	74	425561	5935132	~40 Seconds
4.03	541	74	427144	5935151	~40 Seconds
8.83	1194	74	427819	5935119	~40 Seconds
7.74	1031	75	431411	5935870	~40 Seconds
4.69	628	75	426754	5935151	~40 Seconds
2.68	353	76	431488	5935850	~40 Seconds
7.39	970	76	425530	5935115	~40 Seconds
8.27	1088	76	425483	5935121	~40 Seconds
5.44	704	77	431480	5935847	~40 Seconds
6.97	909	77	431030	5935832	~40 Seconds
9.47	1237	77	427536	5935291	~40 Seconds
12.32	1608	77	425508	5935112	~40 Seconds
5.51	717	77	427878	5935190	~40 Seconds
6.09	779	78	426584	5935203	~40 Seconds
5.39	692	78	426781	5935187	~40 Seconds
2.54	325	78	430785	5935884	~40 Seconds
9.8	1237	79	427011	5935235	~40 Seconds
6.49	825	79	426568	5935200	~40 Seconds
10.38	1318	79	426717	5935197	~40 Seconds
12.35	1573	79	430286	5935863	~40 Seconds
10.8	1362	79	426389	5935210	~40 Seconds
4.38	547	80	427008	5935208	~40 Seconds
9.12	1134	80	427490	5935284	~40 Seconds
9.92	1246	80	427573	5935296	~40 Seconds
12.01	1498	80	430303	5935861	~40 Seconds
3.29	410	80	426630	5935143	~40 Seconds
6.41	804	80	429566	5931485	~40 Seconds
7.62	937	81	430495	5935891	~40 Seconds
2.89	356	81	429477	5931483	~40 Seconds
3.58	440	81	429113	5930313	~40 Seconds
10.27	1266	81	427951	5935212	~40 Seconds
4.36	529	82	431103	5935814	~40 Seconds
11.86	1454	82	427398	5935269	~40 Seconds
4.77	580	82	425572	5935119	~40 Seconds
4.07	499	82	429113	5930305	~40 Seconds

Potassium (K, %)	Rubidium (Rb, ppm)	K/Rb	Easting	Northing	Reading Time
8.1	980	83	426817	5935164	~40 Seconds
11.12	1336	83	427545	5935293	~40 Seconds
8.09	972	83	430435	5935889	~40 Seconds
10.03	1190	84	427054	5935231	~40 Seconds
10.82	1287	84	427573	5935296	~40 Seconds
7.93	943	84	430443	5935891	~40 Seconds
8	955	84	425464	5935122	~40 Seconds
1.49	178	84	429102	5930319	~40 Seconds
8.8	1042	84	430673	5936170	~40 Seconds
9.64	1145	84	427686	5935103	~40 Seconds
4.57	540	85	426579	5935202	~40 Seconds
7.97	933	85	430395	5936236	~40 Seconds
1.9	224	85	430485	5936275	~40 Seconds
10.76	1273	85	430474	5936277	~40 Seconds
6.78	796	85	427700	5935100	~40 Seconds
9	1044	86	426930	5935037	~40 Seconds
6.83	793	86	426597	5935203	~40 Seconds
7.54	881	86	426606	5935197	~40 Seconds
9.35	1082	86	426628	5935203	~40 Seconds
1.32	153	86	430521	5935900	~40 Seconds
11.49	1319	87	430476	5936270	~40 Seconds
7.66	884	87	425558	5935131	~40 Seconds
7.01	809	87	426365	5935205	~40 Seconds
4.66	527	88	426334	5935154	~40 Seconds
10.9	1238	88	426967	5935246	~40 Seconds
1.73	196	88	426575	5935201	~40 Seconds
6.51	736	88	426592	5935204	~40 Seconds
9.73	1107	88	426812	5935171	~40 Seconds
3.57	405	88	427364	5935267	~40 Seconds
8.58	978	88	430491	5935889	~40 Seconds
8.13	927	88	427899	5935196	~40 Seconds
10.54	1186	89	427002	5935236	~40 Seconds
12.85	1450	89	427363	5935258	~40 Seconds
6.66	751	89	426386	5935211	~40 Seconds
8.95	1009	89	430648	5936184	~40 Seconds
6.46	719	90	426166	5935108	~40 Seconds
9.56	1062	90	426988	5935240	~40 Seconds
7.67	856	90	430502	5935889	~40 Seconds
11.43	1270	90	425489	5935120	~40 Seconds
9.34	1041	90	426377	5935205	~40 Seconds
11	1222	90	430657	5936176	~40 Seconds
6.43	708	91	426080	5935107	~40 Seconds
9.26	1017	91	425601	5935125	~40 Seconds
1.87	205	91	428392	5935355	~40 Seconds
5.75	631	91	426972	5935179	~40 Seconds
5.05	558	91	430660	5936167	~40 Seconds
5.53	608	91	427829	5935122	~40 Seconds
2.26	246	92	426153	5935107	~40 Seconds
5.7	617	92	431441	5935833	~40 Seconds
5.24	567	92	431484	5935837	~40 Seconds
8.55	933	92	426943	5935253	~40 Seconds
4.75	515	92	427038	5935233	~40 Seconds
11.16	1214	92	427377	5935267	~40 Seconds
11.93	1293	92	427562	5935297	~40 Seconds
8.35	912	92	430490	5936273	~40 Seconds
1.5	163	92	431388	5935791	~40 Seconds
11.97	1299	92	426739	5935151	~40 Seconds
6.63	720	92	426828	5935155	~40 Seconds
7.89	856	92	430644	5936150	~40 Seconds
7.25	783	93	431422	5935869	~40 Seconds
10.85	1166	93	426992	5935237	~40 Seconds

Potassium (K, %)	Rubidium (Rb, ppm)	K/Rb	Easting	Northing	Reading Time
10.67	1147	93	427020	5935236	~40 Seconds
6.28	674	93	426762	5935188	~40 Seconds
9.72	1049	93	427400	5935269	~40 Seconds
6.95	749	93	430475	5935889	~40 Seconds
3.17	342	93	425617	5935125	~40 Seconds
5.02	541	93	428929	5931251	~40 Seconds
6.01	649	93	428151	5935272	~40 Seconds
2.63	281	94	426275	5935133	~40 Seconds
10.72	1146	94	427030	5935233	~40 Seconds
9.79	1044	94	427631	5935298	~40 Seconds
7.19	768	94	425581	5935118	~40 Seconds
8.7	924	94	425551	5935128	~40 Seconds
10.82	1150	94	430673	5936170	~40 Seconds
8.96	955	94	430666	5936162	~40 Seconds
9.23	978	94	430650	5936151	~40 Seconds
6.05	634	95	427000	5935215	~40 Seconds
10.85	1138	95	427573	5935296	~40 Seconds
2.26	237	95	430431	5935894	~40 Seconds
10.8	1142	95	427512	5935122	~40 Seconds
11.28	1170	96	425586	5935121	~40 Seconds
9.62	1007	96	425578	5935118	~40 Seconds
10.78	1121	96	425500	5935113	~40 Seconds
4.83	504	96	427296	5935144	~40 Seconds
7.9	826	96	427778	5935158	~40 Seconds
5.36	553	97	426932	5935035	~40 Seconds
10.65	1093	97	426646	5935204	~40 Seconds
10.59	1095	97	427400	5935269	~40 Seconds
8.39	865	97	425572	5935119	~40 Seconds
10.93	1129	97	425494	5935119	~40 Seconds
8	823	97	427714	5935175	~40 Seconds
5.42	561	97	426371	5935207	~40 Seconds
10.91	1121	97	427847	5935180	~40 Seconds
6.61	680	97	428143	5935272	~40 Seconds
5.81	591	98	426778	5935189	~40 Seconds
7.07	723	98	430799	5935878	~40 Seconds
4.42	450	98	427108	5935204	~40 Seconds
1.63	166	98	429140	5931483	~40 Seconds
10.06	1031	98	429155	5931510	~40 Seconds
10.7	1090	98	430645	5936160	~40 Seconds
10.64	1078	99	426953	5935248	~40 Seconds
11.37	1146	99	427020	5935236	~40 Seconds
5.05	508	99	426736	5935190	~40 Seconds
10.75	1084	99	427388	5935265	~40 Seconds
12.14	1222	99	427483	5935282	~40 Seconds
8.09	818	99	427577	5935267	~40 Seconds
11.7	1184	99	425517	5935108	~40 Seconds
11.7	1184	99	425512	5935113	~40 Seconds
12.07	1222	99	425504	5935112	~40 Seconds
11.48	1163	99	425487	5935115	~40 Seconds
8.95	900	99	431352	5935805	~40 Seconds
6.1	619	99	430685	5936172	~40 Seconds
10.12	1022	99	430670	5936157	~40 Seconds
10	1014	99	427657	5935087	~40 Seconds
4.57	458	100	426069	5935105	~40 Seconds
6.66	664	100	430254	5935907	~40 Seconds
9.71	968	100	427483	5935282	~40 Seconds
0.9	90	100	430395	5936236	~40 Seconds
11.56	1160	100	425586	5935121	~40 Seconds
11.89	1189	100	425496	5935118	~40 Seconds
2.77	278	100	427046	5935182	~40 Seconds
0.3	30	100	429102	5930319	~40 Seconds

Potassium (K, %)	Rubidium (Rb, ppm)	K/Rb	Easting	Northing	Reading Time
6.57	657	100	430652	5936177	~40 Seconds
8.76	878	100	430585	5936140	~40 Seconds
9.79	979	100	427545	5935124	~40 Seconds
10.71	1068	100	427526	5935118	~40 Seconds
8.71	865	101	427638	5935299	~40 Seconds
10.18	1004	101	430296	5935861	~40 Seconds
10.97	1084	101	425520	5935114	~40 Seconds
6.96	691	101	426308	5934987	~40 Seconds
11.17	1109	101	430645	5936182	~40 Seconds
4.82	471	102	426060	5935106	~40 Seconds
11.72	1148	102	426998	5935217	~40 Seconds
10.41	1025	102	426660	5935177	~40 Seconds
5.8	566	102	427532	5935290	~40 Seconds
11.38	1117	102	425489	5935121	~40 Seconds
4.93	482	102	430772	5935893	~40 Seconds
6	589	102	428221	5935280	~40 Seconds
9.62	933	103	430620	5935943	~40 Seconds
0.9	87	103	431455	5935841	~40 Seconds
11.53	1124	103	425588	5935123	~40 Seconds
11.29	1097	103	425510	5935110	~40 Seconds
11.34	1090	104	430683	5935937	~40 Seconds
9.19	886	104	431030	5935827	~40 Seconds
9.83	946	104	426933	5935251	~40 Seconds
9	867	104	426993	5935218	~40 Seconds
11.15	1067	104	427044	5935208	~40 Seconds
6.92	668	104	426638	5935201	~40 Seconds
10.8	1040	104	426812	5935171	~40 Seconds
7.36	707	104	429129	5931491	~40 Seconds
11.76	1118	105	430726	5935924	~40 Seconds
4.86	465	105	426597	5935203	~40 Seconds
5.98	572	105	427361	5935259	~40 Seconds
9.27	879	105	427534	5935290	~40 Seconds
8.66	826	105	427554	5935268	~40 Seconds
10.81	1031	105	425559	5935132	~40 Seconds
9.99	949	105	425472	5935121	~40 Seconds
7.72	736	105	430693	5936214	~40 Seconds
8.43	802	105	426546	5935153	~40 Seconds
12.07	1146	105	430671	5936159	~40 Seconds
11.46	1088	105	427840	5935177	~40 Seconds
9.01	854	106	426964	5935248	~40 Seconds
6.93	653	106	426978	5935239	~40 Seconds
8.86	839	106	426786	5935184	~40 Seconds
10.21	962	106	427388	5935267	~40 Seconds
7.16	677	106	427642	5935300	~40 Seconds
7.91	745	106	430536	5935905	~40 Seconds
11.02	1044	106	426622	5935020	~40 Seconds
7.47	705	106	427976	5935213	~40 Seconds
10.89	1022	107	426325	5935126	~40 Seconds
10.66	999	107	426762	5935188	~40 Seconds
3.09	288	107	426789	5935182	~40 Seconds
9.2	863	107	427596	5935270	~40 Seconds
10.51	983	107	425597	5935123	~40 Seconds
10.06	944	107	427711	5935172	~40 Seconds
11.51	1080	107	426818	5935156	~40 Seconds
10.46	976	107	427812	5935164	~40 Seconds
7.15	663	108	426644	5935199	~40 Seconds
5.93	551	108	430515	5935897	~40 Seconds
10.98	1014	108	426807	5935152	~40 Seconds
6.23	579	108	427196	5935154	~40 Seconds
9.98	925	108	429152	5931447	~40 Seconds
9.32	857	109	430707	5935930	~40 Seconds

Potassium (K, %)	Rubidium (Rb, ppm)	K/Rb	Easting	Northing	Reading Time
10.39	955	109	426978	5935239	~40 Seconds
9.45	867	109	426665	5935176	~40 Seconds
7.34	675	109	427558	5935295	~40 Seconds
6.77	619	109	430454	5935896	~40 Seconds
11.42	1052	109	425466	5935119	~40 Seconds
10.9	1000	109	427697	5935169	~40 Seconds
8.72	799	109	426992	5935180	~40 Seconds
10.82	992	109	430720	5936192	~40 Seconds
8.74	804	109	426628	5935019	~40 Seconds
5.99	544	110	431079	5935840	~40 Seconds
10	913	110	427011	5935189	~40 Seconds
9.34	849	110	429153	5931469	~40 Seconds
9.21	840	110	430657	5936179	~40 Seconds
0.3	27	111	431462	5935841	~40 Seconds
11.23	1011	111	426953	5935248	~40 Seconds
9.07	815	111	426975	5935239	~40 Seconds
0.5	45	111	425631	5935130	~40 Seconds
9.9	889	111	425475	5935122	~40 Seconds
10.73	969	111	425469	5935120	~40 Seconds
8.65	782	111	426377	5935205	~40 Seconds
8.4	756	111	427767	5935156	~40 Seconds
8.4	756	111	427769	5935159	~40 Seconds
6.65	598	111	428198	5935272	~40 Seconds
1.46	130	112	426105	5935109	~40 Seconds
11.23	1000	112	426925	5935258	~40 Seconds
5.54	494	112	431360	5935795	~40 Seconds
9.7	863	112	429139	5931477	~40 Seconds
8.7	780	112	427840	5935176	~40 Seconds
10.42	924	113	430641	5935943	~40 Seconds
5.22	460	113	426130	5935104	~40 Seconds
10.11	897	113	427013	5935207	~40 Seconds
5.04	448	113	426623	5935202	~40 Seconds
12.49	1103	113	427368	5935266	~40 Seconds
10.97	975	113	427584	5935267	~40 Seconds
10.25	907	113	425590	5935121	~40 Seconds
7.34	650	113	429146	5931480	~40 Seconds
11.52	1017	113	429141	5931478	~40 Seconds
10.39	916	113	427904	5935198	~40 Seconds
7.89	701	113	427955	5935210	~40 Seconds
10.98	963	114	427483	5935282	~40 Seconds
10.73	943	114	426967	5935179	~40 Seconds
6.43	563	114	427057	5935181	~40 Seconds
2.1	184	114	429101	5931303	~40 Seconds
11.72	1029	114	427797	5935164	~40 Seconds
12.61	1105	114	427859	5935185	~40 Seconds
11.52	1007	114	427734	5935103	~40 Seconds
5.71	500	114	427526	5935118	~40 Seconds
7.23	629	115	426056	5935101	~40 Seconds
10.78	937	115	430234	5935877	~40 Seconds
11.19	969	115	427541	5935293	~40 Seconds
2.44	212	115	426945	5935172	~40 Seconds
2.38	207	115	426367	5935207	~40 Seconds
8.26	719	115	430624	5936150	~40 Seconds
10.24	888	115	427874	5935188	~40 Seconds
2.69	233	115	427662	5935089	~40 Seconds
3.15	272	116	426373	5935165	~40 Seconds
9.96	857	116	426921	5935261	~40 Seconds
10.31	890	116	427005	5935235	~40 Seconds
11.47	988	116	427027	5935211	~40 Seconds
6.08	524	116	430253	5935909	~40 Seconds
9.96	859	116	425520	5935109	~40 Seconds

Potassium (K, %)	Rubidium (Rb, ppm)	K/Rb	Easting	Northing	Reading Time
7.72	665	116	431377	5935793	~40 Seconds
4.39	377	116	431366	5935795	~40 Seconds
13.12	1127	116	430720	5936201	~40 Seconds
6.96	600	116	428075	5935244	~40 Seconds
5.85	505	116	427557	5935127	~40 Seconds
12.28	1049	117	430661	5935944	~40 Seconds
8.61	739	117	426935	5935251	~40 Seconds
10.03	854	117	427549	5935295	~40 Seconds
10.87	930	117	425555	5935130	~40 Seconds
3.63	311	117	431380	5935790	~40 Seconds
8.24	705	117	426427	5935052	~40 Seconds
5.29	451	117	429152	5931464	~40 Seconds
3.18	271	117	429135	5931488	~40 Seconds
8.6	733	117	430636	5936151	~40 Seconds
11.85	1013	117	426613	5935007	~40 Seconds
9.23	790	117	427808	5935166	~40 Seconds
8.22	701	117	427864	5935184	~40 Seconds
1.13	96	118	431415	5935874	~40 Seconds
1.13	96	118	431415	5935874	~40 Seconds
4.88	412	118	426597	5935203	~40 Seconds
7.16	607	118	426668	5935202	~40 Seconds
7	591	118	431331	5935811	~40 Seconds
6.87	583	118	426822	5935157	~40 Seconds
10.02	852	118	428941	5931260	~40 Seconds
6.11	519	118	428086	5935247	~40 Seconds
11.12	931	119	430705	5935932	~40 Seconds
11.67	982	119	427016	5935205	~40 Seconds
9.14	765	119	427029	5935215	~40 Seconds
6.79	570	119	427542	5935268	~40 Seconds
6.41	540	119	427129	5935214	~40 Seconds
6.55	552	119	426346	5935202	~40 Seconds
11.16	934	119	429094	5931299	~40 Seconds
10.61	892	119	427827	5935169	~40 Seconds
9.12	766	119	427852	5935180	~40 Seconds
7.28	610	119	427852	5935180	~40 Seconds
9.43	788	120	430641	5935943	~40 Seconds
8.8	736	120	426084	5935108	~40 Seconds
9.24	767	120	430266	5935913	~40 Seconds
7.96	661	120	431353	5935803	~40 Seconds
1.94	162	120	426355	5935205	~40 Seconds
7.36	614	120	429091	5931298	~40 Seconds
9.64	802	120	427891	5935194	~40 Seconds
8.43	703	120	428079	5935248	~40 Seconds
8.62	719	120	427871	5935139	~40 Seconds
3.39	281	121	427041	5935028	~40 Seconds
6.64	549	121	427542	5935268	~40 Seconds
10.93	905	121	427706	5935170	~40 Seconds
9.06	749	121	429136	5931450	~40 Seconds
9	743	121	427793	5935163	~40 Seconds
6.21	513	121	428110	5935252	~40 Seconds
4.46	369	121	428117	5935258	~40 Seconds
9.21	761	121	428148	5935270	~40 Seconds
6.1	506	121	427552	5935130	~40 Seconds
5.54	454	122	431099	5935815	~40 Seconds
7.62	626	122	427561	5935267	~40 Seconds
7.71	632	122	425570	5935118	~40 Seconds
0.9	74	122	428796	5931119	~40 Seconds
12.7	1044	122	429150	5931473	~40 Seconds
4.44	363	122	430689	5936177	~40 Seconds
7.4	605	122	430618	5936141	~40 Seconds
8.78	719	122	427756	5935152	~40 Seconds

Potassium (K, %)	Rubidium (Rb, ppm)	K/Rb	Easting	Northing	Reading Time
9.23	753	123	430186	5935857	~40 Seconds
6.79	551	123	426700	5935195	~40 Seconds
10.46	847	123	425525	5935117	~40 Seconds
7.99	649	123	431346	5935806	~40 Seconds
4.81	390	123	426840	5935161	~40 Seconds
9.89	798	124	430191	5935860	~40 Seconds
11.76	945	124	427565	5935268	~40 Seconds
4.3	348	124	426706	5935152	~40 Seconds
10.23	825	124	428946	5931268	~40 Seconds
7.92	637	124	426586	5934985	~40 Seconds
11.68	941	124	427797	5935164	~40 Seconds
10.1	815	124	427885	5935190	~40 Seconds
2.81	225	125	427170	5934953	~40 Seconds
9.06	725	125	427590	5935269	~40 Seconds
10.35	827	125	426973	5935180	~40 Seconds
2.86	229	125	426975	5935132	~40 Seconds
9.89	793	125	426429	5935053	~40 Seconds
10.18	814	125	426420	5935044	~40 Seconds
12.88	1027	125	429149	5931504	~40 Seconds
6.39	512	125	430677	5936172	~40 Seconds
10	801	125	427770	5935155	~40 Seconds
9.35	740	126	430235	5935896	~40 Seconds
9.67	765	126	426717	5935197	~40 Seconds
10.52	838	126	427581	5935267	~40 Seconds
7.89	625	126	430515	5935897	~40 Seconds
8.54	677	126	430491	5935889	~40 Seconds
4.94	391	126	426647	5935151	~40 Seconds
11.37	902	126	430716	5936183	~40 Seconds
7.76	616	126	428133	5935262	~40 Seconds
9.41	742	127	430226	5935877	~40 Seconds
10.25	804	127	430675	5936164	~40 Seconds
5.54	437	127	430623	5936146	~40 Seconds
8.9	699	127	427827	5935173	~40 Seconds
10.06	795	127	428138	5935265	~40 Seconds
8.15	635	128	426182	5935110	~40 Seconds
10.27	805	128	426677	5935200	~40 Seconds
14.58	1143	128	425598	5935123	~40 Seconds
9.06	707	128	426834	5935161	~40 Seconds
7.65	598	128	426989	5935183	~40 Seconds
7.2	562	128	427035	5935180	~40 Seconds
13.13	1029	128	430720	5936201	~40 Seconds
9.81	769	128	430684	5936174	~40 Seconds
9.83	770	128	427833	5935176	~40 Seconds
4.48	346	129	427006	5935032	~40 Seconds
6.39	494	129	426378	5935165	~40 Seconds
8.67	670	129	431069	5935853	~40 Seconds
8.61	666	129	431054	5935848	~40 Seconds
8.41	650	129	426963	5935178	~40 Seconds
9.81	763	129	427060	5935182	~40 Seconds
10.97	851	129	426629	5935023	~40 Seconds
6.88	528	130	430669	5935941	~40 Seconds
4.12	317	130	426631	5935202	~40 Seconds
6.87	529	130	430714	5936219	~40 Seconds
7.38	567	130	426846	5935162	~40 Seconds
8.61	663	130	430687	5936176	~40 Seconds
9.35	720	130	427464	5935102	~40 Seconds
2.52	193	131	430629	5935938	~40 Seconds
11.48	878	131	430620	5935943	~40 Seconds
7.17	546	131	426143	5935107	~40 Seconds
4.56	348	131	426937	5935256	~40 Seconds
10.08	768	131	430266	5935913	~40 Seconds

Potassium (K, %)	Rubidium (Rb, ppm)	K/Rb	Easting	Northing	Reading Time
10.53	802	131	427542	5935268	~40 Seconds
11.02	840	131	427596	5935270	~40 Seconds
11.02	840	131	427596	5935270	~40 Seconds
11.02	840	131	427605	5935268	~40 Seconds
9.82	749	131	427755	5935182	~40 Seconds
9.61	736	131	426610	5935006	~40 Seconds
8.08	615	131	427958	5935208	~40 Seconds
10.62	813	131	427958	5935212	~40 Seconds
9.56	726	132	426138	5935104	~40 Seconds
8.92	676	132	427050	5935209	~40 Seconds
8.3	629	132	427064	5935210	~40 Seconds
8.81	668	132	430254	5935851	~40 Seconds
7.22	547	132	426757	5935190	~40 Seconds
0.7	53	132	430492	5936271	~40 Seconds
7.43	562	132	427680	5935287	~40 Seconds
8	605	132	427755	5935182	~40 Seconds
7.68	584	132	427764	5935153	~40 Seconds
8.98	681	132	427923	5935198	~40 Seconds
10.33	774	133	431067	5935851	~40 Seconds
8.28	624	133	426657	5935177	~40 Seconds
11.11	835	133	427685	5935287	~40 Seconds
8.59	648	133	427727	5935174	~40 Seconds
5.94	448	133	431357	5935802	~40 Seconds
3.33	250	133	431331	5935811	~40 Seconds
9.36	704	133	427145	5935210	~40 Seconds
6.57	493	133	427751	5935151	~40 Seconds
6.75	507	133	427972	5935212	~40 Seconds
10.73	799	134	430237	5935878	~40 Seconds
3.79	282	134	426685	5935199	~40 Seconds
12.86	959	134	426828	5935163	~40 Seconds
10.68	796	134	427718	5935175	~40 Seconds
8.59	639	134	427723	5935175	~40 Seconds
7.72	578	134	426671	5935146	~40 Seconds
7.7	574	134	427033	5935183	~40 Seconds
9.32	693	134	427135	5935213	~40 Seconds
9.54	713	134	430674	5936162	~40 Seconds
12.1	904	134	430636	5936145	~40 Seconds
4.78	357	134	428221	5935279	~40 Seconds
4.61	343	134	427520	5935117	~40 Seconds
3.91	290	135	430690	5935935	~40 Seconds
5.4	401	135	430755	5935850	~40 Seconds
6.29	465	135	426742	5935150	~40 Seconds
12.04	891	135	427022	5935189	~40 Seconds
6.74	501	135	427741	5935150	~40 Seconds
9.54	709	135	427984	5935214	~40 Seconds
8.44	626	135	427487	5935108	~40 Seconds
7.99	586	136	426098	5935106	~40 Seconds
7.15	526	136	431056	5935835	~40 Seconds
0.3	22	136	430483	5936270	~40 Seconds
11.42	841	136	425476	5935119	~40 Seconds
11.67	859	136	426686	5935145	~40 Seconds
11	810	136	426807	5935152	~40 Seconds
10.93	803	136	426400	5935034	~40 Seconds
8.54	627	136	428103	5935249	~40 Seconds
6.45	472	137	426176	5935111	~40 Seconds
11.66	851	137	430294	5935898	~40 Seconds
3.61	264	137	426660	5935200	~40 Seconds
11.14	815	137	430293	5935859	~40 Seconds
9.72	712	137	427592	5935269	~40 Seconds
3.87	282	137	430545	5935908	~40 Seconds
6.75	492	137	430806	5935876	~40 Seconds

Potassium (K, %)	Rubidium (Rb, ppm)	K/Rb	Easting	Northing	Reading Time
8.48	618	137	428790	5931231	~40 Seconds
7.71	560	138	430661	5935944	~40 Seconds
4.97	361	138	431035	5935837	~40 Seconds
8.57	620	138	430211	5935873	~40 Seconds
6.03	438	138	430191	5935875	~40 Seconds
10.19	738	138	427731	5935178	~40 Seconds
7.33	533	138	431415	5935791	~40 Seconds
4.34	312	139	427055	5935209	~40 Seconds
6.06	436	139	426783	5935186	~40 Seconds
9.7	697	139	427363	5935258	~40 Seconds
11.49	826	139	427559	5935269	~40 Seconds
11.34	814	139	427640	5935277	~40 Seconds
5.7	411	139	431402	5935795	~40 Seconds
10.8	776	139	426803	5935153	~40 Seconds
11.23	807	139	426205	5934962	~40 Seconds
7.44	537	139	428190	5935284	~40 Seconds
9.1	652	140	426328	5935151	~40 Seconds
10.32	739	140	426213	5935115	~40 Seconds
4.56	326	140	431487	5935809	~40 Seconds
9.48	677	140	431074	5935853	~40 Seconds
10.75	766	140	430207	5935869	~40 Seconds
7.79	557	140	430125	5935853	~40 Seconds
7.75	555	140	426706	5935194	~40 Seconds
0.7	50	140	430470	5935891	~40 Seconds
6.54	466	140	431335	5935808	~40 Seconds
9.44	672	140	426843	5935163	~40 Seconds
9.76	699	140	426922	5935176	~40 Seconds
11.12	796	140	427008	5935187	~40 Seconds
5.09	363	140	427542	5935122	~40 Seconds
9.76	691	141	428937	5931256	~40 Seconds
3.46	246	141	430678	5936202	~40 Seconds
6.66	468	142	431087	5935841	~40 Seconds
8.33	588	142	426669	5935178	~40 Seconds
7.06	497	142	431372	5935793	~40 Seconds
12.56	882	142	426253	5935001	~40 Seconds
8.25	579	142	430614	5936140	~40 Seconds
12.51	883	142	426582	5934985	~40 Seconds
10.7	752	142	427562	5935130	~40 Seconds
8.26	576	143	430740	5935929	~40 Seconds
7.78	545	143	426077	5935108	~40 Seconds
3.1	217	143	431454	5935814	~40 Seconds
9.61	672	143	427354	5935259	~40 Seconds
7.44	522	143	427050	5935180	~40 Seconds
8.91	625	143	427932	5935201	~40 Seconds
5.95	415	143	428130	5935263	~40 Seconds
8.47	590	144	427005	5935031	~40 Seconds
8.79	610	144	426339	5935154	~40 Seconds
5.31	369	144	427085	5935214	~40 Seconds
7.62	528	144	427676	5935284	~40 Seconds
6.61	458	144	427736	5935179	~40 Seconds
8.31	577	144	427735	5935147	~40 Seconds
3.52	245	144	427688	5935106	~40 Seconds
12.57	868	145	426228	5935119	~40 Seconds
3.13	216	145	431095	5935842	~40 Seconds
5.8	400	145	427074	5935187	~40 Seconds
11.59	799	145	428947	5931273	~40 Seconds
10.65	732	145	426616	5935013	~40 Seconds
11.01	757	145	427779	5935157	~40 Seconds
10.98	759	145	427927	5935202	~40 Seconds
4.82	330	146	431082	5935840	~40 Seconds
8.34	571	146	431033	5935828	~40 Seconds

Potassium (K, %)	Rubidium (Rb, ppm)	K/Rb	Easting	Northing	Reading Time
11.52	791	146	430245	5935912	~40 Seconds
10.18	696	146	427000	5935184	~40 Seconds
7.6	519	146	427154	5935146	~40 Seconds
9.97	682	146	426293	5935078	~40 Seconds
6.68	457	146	428230	5935291	~40 Seconds
10.7	728	147	427069	5935211	~40 Seconds
5.45	372	147	431321	5935813	~40 Seconds
9.88	672	147	426783	5935147	~40 Seconds
9.65	657	147	427089	5935191	~40 Seconds
9.21	623	148	426111	5935107	~40 Seconds
1.48	100	148	431431	5935867	~40 Seconds
9.49	641	148	427055	5935209	~40 Seconds
9.51	644	148	430218	5935874	~40 Seconds
3.41	230	148	426805	5935175	~40 Seconds
10.3	697	148	430515	5935897	~40 Seconds
12.09	815	148	428211	5935278	~40 Seconds
8.32	557	149	427036	5935219	~40 Seconds
6.97	467	149	426646	5935204	~40 Seconds
8.7	582	149	426729	5935191	~40 Seconds
11.48	769	149	426733	5935189	~40 Seconds
5.71	384	149	425532	5935114	~40 Seconds
10.37	698	149	426639	5935144	~40 Seconds
8.25	553	149	426750	5935150	~40 Seconds
12.14	817	149	426396	5935034	~40 Seconds
6.11	409	149	430689	5936179	~40 Seconds
1.71	115	149	427967	5935214	~40 Seconds
5.58	372	150	431045	5935844	~40 Seconds
11.08	739	150	427037	5935209	~40 Seconds
11	734	150	430257	5935852	~40 Seconds
8.47	564	150	431423	5935792	~40 Seconds
5.91	393	150	431382	5935792	~40 Seconds
10.04	669	150	426762	5935149	~40 Seconds
11.69	779	150	428951	5931277	~40 Seconds
5.23	348	150	427515	5935114	~40 Seconds
8.28	547	151	426051	5935101	~40 Seconds
10.25	679	151	426031	5935099	~40 Seconds
0.8	53	151	431423	5935792	~40 Seconds
8.69	575	151	427073	5935140	~40 Seconds
11.36	752	151	427870	5935186	~40 Seconds
7.99	527	152	426677	5935200	~40 Seconds
8.84	583	152	427120	5935210	~40 Seconds
8.85	584	152	427151	5935149	~40 Seconds
7.19	471	153	427018	5935035	~40 Seconds
6.04	394	153	426223	5935116	~40 Seconds
9.55	624	153	426090	5935108	~40 Seconds
10.64	695	153	426041	5935099	~40 Seconds
9.31	609	153	426749	5935193	~40 Seconds
10.66	699	153	427349	5935258	~40 Seconds
9.76	637	153	427749	5935182	~40 Seconds
10.15	663	153	426795	5935146	~40 Seconds
8.95	581	154	430245	5935912	~40 Seconds
3.26	212	154	426736	5935190	~40 Seconds
2.1	136	154	430528	5935903	~40 Seconds
3.74	243	154	427689	5935166	~40 Seconds
1.74	113	154	427694	5935168	~40 Seconds
9.28	603	154	426655	5935145	~40 Seconds
6.9	447	154	427017	5935189	~40 Seconds
8.25	534	154	427057	5935138	~40 Seconds
6.15	400	154	427193	5935150	~40 Seconds
9.3	603	154	426417	5935043	~40 Seconds
9.74	633	154	426253	5935001	~40 Seconds

Potassium (K, %)	Rubidium (Rb, ppm)	K/Rb	Easting	Northing	Reading Time
12.12	783	155	430232	5935904	~40 Seconds
9.71	625	155	427596	5935270	~40 Seconds
9.39	607	155	430774	5935891	~40 Seconds
9.12	587	155	427208	5935153	~40 Seconds
7.64	493	155	426422	5935046	~40 Seconds
11.58	748	155	429153	5931476	~40 Seconds
7.55	483	156	426072	5935105	~40 Seconds
10.75	690	156	427031	5935216	~40 Seconds
9.84	632	156	426668	5935202	~40 Seconds
9.26	595	156	427174	5935147	~40 Seconds
8.22	525	157	431061	5935850	~40 Seconds
8.92	567	157	431409	5935792	~40 Seconds
7.87	500	157	426283	5935057	~40 Seconds
9.83	626	157	426392	5935029	~40 Seconds
12.35	789	157	426221	5934962	~40 Seconds
5.09	324	157	428165	5935277	~40 Seconds
0.6	38	158	425631	5935130	~40 Seconds
9.1	575	158	426767	5935149	~40 Seconds
10.01	635	158	426974	5935182	~40 Seconds
7.82	491	159	430721	5935928	~40 Seconds
12.05	758	159	427349	5935258	~40 Seconds
9.15	576	159	431393	5935793	~40 Seconds
12.39	778	159	426860	5935163	~40 Seconds
3.55	223	159	427322	5935149	~40 Seconds
11.41	718	159	426404	5935036	~40 Seconds
10.77	679	159	426196	5934964	~40 Seconds
2.34	147	159	429102	5930319	~40 Seconds
7.88	497	159	426598	5935000	~40 Seconds
12.93	806	160	430249	5935911	~40 Seconds
6.09	381	160	426770	5935184	~40 Seconds
5.64	353	160	426537	5935155	~40 Seconds
9.27	581	160	426858	5935156	~40 Seconds
8.93	557	160	427536	5935121	~40 Seconds
6.87	426	161	427015	5935034	~40 Seconds
10.99	684	161	426147	5935108	~40 Seconds
11.62	723	161	426704	5935193	~40 Seconds
10.88	674	161	426979	5935182	~40 Seconds
6.36	396	161	427100	5935202	~40 Seconds
10.11	629	161	426355	5935025	~40 Seconds
9.3	577	161	427782	5935160	~40 Seconds
7.77	483	161	427932	5935201	~40 Seconds
8.08	502	161	427668	5935089	~40 Seconds
7.63	472	162	430240	5935905	~40 Seconds
8.64	533	162	426597	5935203	~40 Seconds
10.87	671	162	430757	5935847	~40 Seconds
12.34	762	162	426779	5935151	~40 Seconds
11.79	726	162	426360	5935026	~40 Seconds
9.43	578	163	426364	5935160	~40 Seconds
8.15	501	163	430239	5935881	~40 Seconds
11.9	728	163	430198	5935869	~40 Seconds
10.57	648	163	427238	5935152	~40 Seconds
11.05	679	163	426202	5934963	~40 Seconds
8.86	545	163	427746	5935151	~40 Seconds
9.2	560	164	426114	5935103	~40 Seconds
9.45	577	164	431046	5935844	~40 Seconds
7.41	452	164	431038	5935841	~40 Seconds
9.59	586	164	427074	5935214	~40 Seconds
9.44	577	164	427987	5935214	~40 Seconds
2.18	133	164	428242	5935309	~40 Seconds
8.07	488	165	427643	5935277	~40 Seconds
8.07	488	165	427650	5935275	~40 Seconds

Potassium (K, %)	Rubidium (Rb, ppm)	K/Rb	Easting	Northing	Reading Time
7.32	444	165	426624	5935149	~40 Seconds
11.12	675	165	427215	5935155	~40 Seconds
7.08	428	165	427913	5935190	~40 Seconds
9.42	567	166	426319	5935126	~40 Seconds
10.17	611	166	430240	5935905	~40 Seconds
10.98	662	166	430232	5935904	~40 Seconds
12.07	727	166	426826	5935156	~40 Seconds
6.35	382	166	428212	5935279	~40 Seconds
6	362	166	428234	5935292	~40 Seconds
5.7	342	167	426625	5935148	~40 Seconds
10.31	614	168	427083	5935140	~40 Seconds
10.8	642	168	426224	5934967	~40 Seconds
3.52	209	168	426605	5935004	~40 Seconds
7.33	434	169	426134	5935104	~40 Seconds
8.12	481	169	426036	5935097	~40 Seconds
4.03	239	169	427370	5934989	~40 Seconds
10.03	593	169	426660	5935144	~40 Seconds
4.24	251	169	427154	5935146	~40 Seconds
9.27	549	169	427311	5935149	~40 Seconds
10.79	637	169	426411	5935039	~40 Seconds
5.82	345	169	426253	5935001	~40 Seconds
5.52	325	170	426333	5935124	~40 Seconds
11.19	657	170	426163	5935109	~40 Seconds
10.58	623	170	431399	5935793	~40 Seconds
9.49	556	171	427029	5935211	~40 Seconds
9.1	531	171	427652	5935275	~40 Seconds
2.39	140	171	426699	5935148	~40 Seconds
7.61	444	171	427069	5935141	~40 Seconds
8.95	524	171	427189	5935148	~40 Seconds
6.53	381	171	427296	5935144	~40 Seconds
9.2	534	172	426924	5935258	~40 Seconds
4.01	233	172	430195	5935870	~40 Seconds
11.41	665	172	427028	5935186	~40 Seconds
3.34	194	172	427532	5935118	~40 Seconds
8.66	502	173	426196	5935114	~40 Seconds
9.34	539	173	430207	5935869	~40 Seconds
7.47	432	173	431407	5935793	~40 Seconds
10.58	611	173	426721	5935150	~40 Seconds
11.47	664	173	427241	5935155	~40 Seconds
11.79	682	173	427894	5935192	~40 Seconds
3.07	176	174	427562	5935297	~40 Seconds
1.77	102	174	427626	5935270	~40 Seconds
0.8	46	174	431321	5935813	~40 Seconds
4	229	175	431095	5935842	~40 Seconds
7.18	410	175	427078	5935217	~40 Seconds
10.49	598	175	426749	5935193	~40 Seconds
10.33	590	175	427254	5935151	~40 Seconds
10.62	606	175	427291	5935144	~40 Seconds
11.56	657	176	426346	5935155	~40 Seconds
8.1	459	176	426208	5935115	~40 Seconds
8.27	470	176	427099	5935149	~40 Seconds
7.57	429	176	426346	5935021	~40 Seconds
3.94	223	177	431087	5935846	~40 Seconds
7.71	433	178	427013	5935034	~40 Seconds
7.37	414	178	426792	5935148	~40 Seconds
10.49	588	178	427063	5935139	~40 Seconds
12.66	711	178	426216	5934960	~40 Seconds
8.3	464	179	430168	5935854	~40 Seconds
5.92	330	179	427111	5935208	~40 Seconds
7.39	410	180	430769	5935866	~40 Seconds
9.64	536	180	426773	5935150	~40 Seconds

Potassium (K, %)	Rubidium (Rb, ppm)	K/Rb	Easting	Northing	Reading Time
10.69	593	180	426276	5935056	~40 Seconds
5.39	298	181	427100	5935211	~40 Seconds
12.73	702	181	427643	5935277	~40 Seconds
6.96	384	181	426911	5935173	~40 Seconds
11.88	653	182	426663	5935144	~40 Seconds
10.12	555	182	427091	5935146	~40 Seconds
8.37	459	182	428775	5931223	~40 Seconds
5.89	323	182	427491	5935109	~40 Seconds
8.01	437	183	427034	5935032	~40 Seconds
6.04	330	183	426093	5935106	~40 Seconds
3	164	183	431441	5935833	~40 Seconds
10.33	566	183	426724	5935153	~40 Seconds
12.2	665	183	426931	5935178	~40 Seconds
8.68	474	183	426938	5935171	~40 Seconds
10.37	567	183	427280	5935148	~40 Seconds
9.31	506	184	426125	5935104	~40 Seconds
10.2	555	184	426682	5935145	~40 Seconds
7.59	413	184	426851	5935164	~40 Seconds
7.84	425	184	427280	5935148	~40 Seconds
8.92	483	185	426935	5935179	~40 Seconds
9.89	535	185	427069	5935185	~40 Seconds
7.76	419	185	427122	5935148	~40 Seconds
11.9	642	185	426384	5935030	~40 Seconds
11.51	621	185	428158	5935274	~40 Seconds
13.1	704	186	426959	5935177	~40 Seconds
8.98	482	186	427048	5935141	~40 Seconds
10.76	578	186	428210	5935277	~40 Seconds
7.34	392	187	427044	5935027	~40 Seconds
11.44	613	187	426227	5934970	~40 Seconds
0.6	32	188	430464	5935893	~40 Seconds
12.55	666	188	426905	5935169	~40 Seconds
6.29	334	188	426955	5935135	~40 Seconds
9.21	491	188	426295	5935078	~40 Seconds
9.98	532	188	426347	5935002	~40 Seconds
4.49	237	189	426925	5935258	~40 Seconds
10.53	557	189	430776	5935886	~40 Seconds
7.25	383	189	430768	5935861	~40 Seconds
11.65	615	189	426642	5935151	~40 Seconds
5.66	299	189	427066	5935180	~40 Seconds
10.8	571	189	427254	5935151	~40 Seconds
9.55	505	189	428183	5935284	~40 Seconds
4.9	258	190	427052	5935026	~40 Seconds
8.19	432	190	426310	5935129	~40 Seconds
8.33	439	190	431095	5935832	~40 Seconds
0.8	42	190	430395	5936236	~40 Seconds
11.66	614	190	426694	5935146	~40 Seconds
11.08	584	190	427241	5935155	~40 Seconds
11.24	593	190	426328	5935015	~40 Seconds
3.84	202	190	430711	5936186	~40 Seconds
7.49	393	191	430699	5935934	~40 Seconds
7.72	405	191	430301	5935893	~40 Seconds
7.3	382	191	426941	5935136	~40 Seconds
7.59	397	191	426952	5935130	~40 Seconds
11.84	621	191	428782	5931227	~40 Seconds
7.04	366	192	426952	5935039	~40 Seconds
10.4	543	192	426939	5935172	~40 Seconds
9.93	517	192	426910	5935120	~40 Seconds
9.93	517	192	426910	5935120	~40 Seconds
10.63	553	192	427215	5935155	~40 Seconds
11.05	577	192	427263	5935150	~40 Seconds
8.18	425	192	427322	5935149	~40 Seconds

Potassium (K, %)	Rubidium (Rb, ppm)	K/Rb	Easting	Northing	Reading Time
12.41	642	193	426231	5934973	~40 Seconds
9.68	498	194	426869	5935155	~40 Seconds
8.02	414	194	427077	5935138	~40 Seconds
10.9	561	194	426362	5935028	~40 Seconds
11.9	612	194	426336	5935016	~40 Seconds
11.24	580	194	427725	5935096	~40 Seconds
7.27	372	195	430221	5935876	~40 Seconds
1.09	56	195	427702	5935171	~40 Seconds
11.38	583	195	426788	5935147	~40 Seconds
12.77	655	195	427116	5935208	~40 Seconds
13.2	677	195	426618	5935016	~40 Seconds
2.24	115	195	427487	5935108	~40 Seconds
7.01	358	196	430788	5935884	~40 Seconds
2.47	126	196	431402	5935795	~40 Seconds
9.23	471	196	426621	5935149	~40 Seconds
3.37	171	197	426027	5935096	~40 Seconds
3.37	171	197	427096	5935149	~40 Seconds
7.92	400	198	430810	5935876	~40 Seconds
9.72	490	198	426900	5935115	~40 Seconds
6.48	327	198	427106	5935149	~40 Seconds
10.9	547	199	430771	5935902	~40 Seconds
10.51	527	199	427183	5935148	~40 Seconds
10.35	520	199	427204	5935152	~40 Seconds
11.58	581	199	426308	5934987	~40 Seconds
11.81	591	200	426330	5935154	~40 Seconds
9.13	457	200	430775	5935871	~40 Seconds

Aero Rock Samples

Sample No.	Easting	Northing	Cs ppm	Li ppm	Rb ppm	Ta ppm
129907	427017	5935189	158	196	244	1.2
129908	427222	5935138	67.9	78	257	36.3
129814	426445	5935067	1.8	56	134	1.2
161633	431037	5935826	6.7	45	130	2.9
129987	428122	5935018	21.1	43	149	4.3
161640	430796	5935899	9.2	39	168	9
129809	426306	5934986	9.2	32	151	5.4
161648	429589	5931507	17.2	29	304	5
161591	430686	5936177	11	28	216	9.4
161642	430780	5935883	3.6	26	81.1	3.9
129719	430405	5936236	18.8	26	77.2	15.4
161595	430644	5936147	10.6	25	137	2.5
129807	426229	5934972	11.5	25	118	2.2
161641	430779	5935894	7.3	21	198	2
147938	425504	5935111	32.1	21	162	41.8
129812	426393	5935030	15.7	20	261	3.5
161593	430674	5936167	13.6	19	265	2.8
129701	431069	5935824	6.5	19	62.4	6.3
129810	426346	5934995	7.7	18	180	4.2
161645	430640	5936194	2.3	18	70.3	3.4
161631	430992	5935820	3.3	18	56.2	2.9
129686	427097	5935156	61.4	17	167	3.4
129978	426151	5935110	10	17	122	3.9
129808	426242	5934985	14	16	92.5	1.2
147754	427810	5935114	127	15	1860	14
129855	427674	5935094	72	15	1200	20.1
129853	427710	5935099	58.6	15	939	36.3
129817	425483	5935120	108	15	901	8
129816	425472	5935121	89.5	15	896	2.6
129821	425561	5935124	106	15	845	7.9
129815	425464	5935125	119	15	782	4.8
129820	425511	5935122	99	15	778	7

Sample No.	Easting	Northing	Cs ppm	Li ppm	Rb ppm	Ta ppm
129967	427880	5935195	63.8	15	756	2.2
147769	426653	5935201	85.1	15	720	106
129822	425572	5935120	113	15	702	8.9
129959	427731	5935177	48.2	15	675	4.1
161592	430681	5936175	19.1	15	674	0.8
129845	427542	5935290	27.7	15	648	3.4
129700	427459	5935114	14.9	15	643	1.9
129663	426805	5935152	147	15	642	4.8
129836	427745	5935121	38	15	638	96.5
129835	427761	5935116	39	15	619	68.2
147937	425579	5935129	84.7	15	611	36.6
129976	426110	5935100	45.4	15	609	3.2
129672	426994	5935181	114	15	607	4.1
130000	428104	5935248	28.8	15	606	6.7
161615	430299	5935861	24.3	15	588	14.7
129827	426349	5935202	80.6	15	584	15.2
129819	425500	5935122	72.3	15	575	15.5
129854	427687	5935098	33.5	15	561	47.6
129971	427987	5935215	28.6	15	560	12.4
129706	431411	5935865	28.8	15	548	4.1
129850	427604	5935267	36	15	536	2.2
129830	430206	5935869	13.5	15	527	3.2
161594	430667	5936154	38.6	15	522	3.4
129841	427380	5935264	22.5	15	522	23.5
161620	430659	5935939	50.1	15	507	10.9

Aero Channel Samples

Sample No.	Easting	Northing	Cs ppm	Li ppm	Rb ppm	Ta ppm
138121	427706	5935105	137	225	453	8.2
138133	427750	5935123	180	128	576	31.1
138130	427749	5935124	175	112	492	33.3
138136	427748	5935117	108	105	749	42.1
138132	427751	5935122	109	71	615	77.5
138210	427813	5935117	107	64	682	34.3
138281	430767	5935855	7.2	63	130	26.8
138126	427737	5935100	80.5	52	649	41.1
138211	427814	5935115	68.3	48	580	58.8
138271	430763	5935855	9.4	45	164	4.9
138209	427811	5935118	114	44	707	38.2
138263	430753	5935850	19.2	44	264	9.4
138237	431068	5935868	26.6	42	341	5.6
138238	431068	5935865	23	42	286	13.2
138254	431065	5935852	11.4	42	160	7.2
138224	431032	5935839	11.8	41	179	2.6
138226	431032	5935838	7.2	41	82.8	4.4
138280	430767	5935855	4.3	40	154	13.7
138228	431073	5935875	20.7	36	393	9.6
138259	431065	5935848	7.7	36	155	5.7
138236	431068	5935869	16.3	35	168	8.1
138270	430761	5935852	6.6	34	171	4.6
138225	431031	5935838	11.9	34	112	3.2
138260	431064	5935846	20.8	33	365	5.2
138223	431033	5935839	17.6	33	252	3.4
138296	430781	5935880	10	33	227	3.6
138286	430774	5935856	7.4	32	227	2.6
138261	430752	5935851	7.1	32	153	3
138231	431071	5935875	31.5	31	424	8.7
138255	431066	5935854	12.3	31	211	5
138205	427812	5935122	77.8	30	757	54.9

Sample No.	Easting	Northing	Cs ppm	Li ppm	Rb ppm	Ta ppm
138294	430780	5935876	9.2	30	230	6.3
138229	431070	5935876	16.4	29	260	7.7
138258	431066	5935850	9.3	29	136	6.1
138241	431069	5935866	14.5	28	318	5.8
138272	430763	5935855	7.5	28	214	2.5
138227	431073	5935874	21.6	27	470	5.5
138256	431065	5935848	13.4	26	246	6.1
138253	431063	5935853	8.1	26	130	6.5
138242	431067	5935862	22.5	25	446	5.1
138230	431071	5935874	22.8	25	348	7.2
138234	431069	5935869	27.3	25	277	9.8
138206	427813	5935120	49.7	24	618	29.4
138252	431065	5935855	10.5	24	163	3.7
138285	430771	5935856	5.7	24	148	2
138262	430752	5935853	4.8	24	114	3
138240	431067	5935866	21	23	385	6.6
138292	430776	5935878	8.2	23	267	2.4
138244	431068	5935866	10	23	242	5.4
138257	431064	5935851	18.1	22	244	4
138283	430768	5935856	6.5	22	176	2.2
138050	426644	5935151	6.4	22	31.8	2.3
138207	427812	5935118	65.7	21	954	150
138249	431066	5935858	18.2	21	254	29.7
138245	431067	5935863	8.4	21	205	7.7
138131	427750	5935124	67.7	19	870	40.5
138295	430780	5935877	8.8	19	205	3
138311	430779	5935911	6.1	19	202	4.2
138165	427776	5935157	33.8	19	199	13.5
138289	430774	5935881	3.1	19	104	2.1
138333	430800	5935913	2.8	19	84.9	2.5
138010	426710	5935189	28.8	18	331	22.4
138232	431071	5935873	22.6	18	315	5.1
138198	427954	5935212	46.9	18	265	18.6
138342	430815	5935941	5.4	18	173	2.6
138312	430779	5935914	3.2	18	113	2.1
138127	427739	5935098	61.7	17	555	37
138243	431067	5935861	17.7	17	395	4.7
138124	427725	5935098	22.9	17	253	7
138221	430989	5935828	20.8	16	335	13.5
138288	430776	5935856	10.6	16	208	5.8
138135	427750	5935119	88.4	15	1670	43
138208	427810	5935121	96.6	15	1560	80.6
138134	427751	5935120	76.2	15	1400	39.3
138137	427750	5935116	92.6	15	1200	83.2
138128	427739	5935098	80.9	15	1170	23.4
138138	427750	5935115	88.1	15	1170	108
138123	427706	5935105	60.6	15	856	60
138181	427901	5935197	35.5	15	705	2.5
138102	426819	5935150	173	15	648	3.3
138213	427827	5935123	42	15	629	36.9
138167	427843	5935181	44.5	15	619	14
138201	427956	5935211	98.6	15	595	6.7
138212	427827	5935124	29.2	15	562	20.4
138202	427954	5935211	65.2	15	544	12.5
138214	427827	5935122	28.1	15	542	7.8
138266	430756	5935851	38.7	15	528	0.9
138103	426830	5935165	57.7	15	518	27.8
138023	426816	5935167	41.8	15	515	6.8

All coordinates listed in NAD 1983 UTM Zone 18N

JORC Code, 2012 – Table 1

Section 1 Sampling Techniques and Data – La Grande Project, Aero Property

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	- Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling. - Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. - Aspects of the determination of mineralisation that are Material to the Public Report. - In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases, more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.	- Rock Chip samples were taken utilizing a hammer and metal chisel to break away fresh rock from outcrops. Sampling was random across pegmatite structure. All samples collected were sent to Actlabs located in Ancaster, Ontario. Select grab samples were analysed utilizing portable XRF and SciAps LiBS handheld device. Handheld devices were used to target specific areas / minerals of samples. - The field tools (LIBs and portable XRF) are calibrated daily and checked against supplied standards. LIBS results are indicative of grades but do not represent quantitative assay results like those received from the laboratory and alongside XRF results are continually being assessed for accuracy and calibration to the local environment. They are being used as exploration tools to guide field sampling and interpretations. - Channel samples were undertaken in 25metre intervals across the widths of the outcropping pegmatites identified across the property. Channels would typically have a width of 1-2inches and run for the entire width of the outcrop sampled. A petrol-powered rock saw was utilized for channel sampling. Channels were then removed utilizing a hammer and metal chiseled, placed in tagged sample bags for each one-meter interval. All samples were submitted to Actlabs for analysis.
Drilling techniques	Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).	In connection to this announcement no drilling has been conducted and no drill assays are being reported.

Criteria	JORC Code explanation	Commentary
Drill sample recovery	- Method of recording and assessing core and chip sample recoveries and results assessed. - Measures taken to maximise sample recovery and ensure representative nature of the samples. Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.	In connection to this announcement no drilling has been conducted and no drill assays are being reported.
Logging	- Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies. - Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography. - The total length and percentage of the relevant intersections logged.	- All rock grab samples have been logged with data stored digitally within QField where data was imported from QGIS and ArcGIS. - All channel samples have been logged in 1m intervals with all data stored digitally within QField where data was imported from QGIS and ArcGIS.
Subsampling techniques and sample preparation	- If core, whether cut or sawn and whether quarter, half or all core taken. - If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry. - For all sample types, the nature, quality and appropriateness of the sample preparation technique. - Quality control procedures adopted for all subsampling stages to maximise representivity of samples. - Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/second-half sampling. - Whether sample sizes are appropriate to the grain size of the material being sampled.	- In connection with this announcement no drilling has been conducted and no drill assays are being reported. - Grab sample sizes are approximately 2-5kg, being an appropriate size for field prospecting rock sampling of pegmatites. - All grab samples were random and opportunistic across pegmatite outcrops. - Channel Samples across 1m intervals averaged 5kg which are applicable and aim to produce a more representative sample by cross-cutting the structure width. - Heliborne magnetic and spectrometric surveys were flown utilising a EC120 Eurocopter Helicopter utilising the following instrumentation: Airborne Magnetometers - Geometrics G-822A Real-Time Differential GPS – Omnistar DGPS Airborne Navigation and Data Acquisition System – Pico-Envirotec AGIS-XP system Magnetic Base Station –GEM GSM-19 Alimeters – Free Flight Radar Alimeter

Criteria	JORC Code explanation	Commentary
		- Prospectair Digital Barometric Pressure Sensor • LiDAR was completed via flying a light aircraft Piper Aztec, registered C-GHM across the properties with an airborne laser system attached (Optech AITM Galaxy T2000). • Flight Parameter: - Pulse repetition rate: 500 000 Hz - Scanning frequency: 71 Hz - Scanning Angle: 50 degrees - Flight Height: 1400m above the ground - Lateral overlap: 20% - Flight speed: 69 m/s - Swatch width: 1306m - Spacing between flight lines: 145m - Ground laser footprint: 22.4cm - Theoretical density: 4 pts/sq m • Lidar, an acronym of “light detection and ranging” or “laser imaging, detection and ranging” is a method for determining ranges by targeting an object or a surface with a laser and measuring the time for the reflected light to return to the receiver.
Quality of assay data and laboratory tests	• The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. • For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc. • Nature of quality control procedures adopted (e.g., standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e., lack of bias) and precision have been established.	• All field samples were sent to Actlabs located in Ancaster, Ontario for QOP Sodium Peroxide (Sodium Peroxide Fusion ICPOES +ICPMS). The laboratory utilizes its own in-house quality control checks. • At this stage of exploration, no field blanks, standards or duplicates have been inserted into the sample stream. • The portable XRF unit is an Olympus Delta Premium DP-4000. The device was set to Geochem mode and calibrated at startup utilising reference puck, with recalibration in the field after approximately 30 readings. Reading times were approximately 40 seconds. • The LIBs device is a SciAps Z-903 with readings times of 3 to 5 seconds. The device is calibrated to a lithium profile supplied by SciAps.

Criteria	JORC Code explanation	Commentary
		In connection to this announcement no drilling has been conducted and no drill assays are being reported.
Verification of sampling and assaying	- The verification of significant intersections by either independent or alternative company personnel. - The use of twinned holes. - Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. - Discuss any adjustment to assay data.	- LiDAR has utilised an accuracy of +/- 10cm for LiDAR and +/- 20cm for photos. All data is incorporated into Teledyne Optech LMS for Adjustments and TerraScan (TerraSolid) for classifications. - No verification of sampling and assaying have been completed to date. - Field data stored digitally in files and on instruments has been downloaded and stored on a central database. - No adjustments have been made to assay data.
Location of data points	- Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation. - Specification of the grid system used. - Quality and adequacy of topographic control.	- LiDAR has utilised Universal Transverse Mercator, which is a map projection system for assigning coordinates to locations on the surface of the Earth. - Magnetic surveys utilised real -time differential GPS known as Omnistar DGPS. - No drilling or resource estimation has been undertaken. All surface sample coordinate positions (ie Figures 6-10) and Appendix 2 have been located utilising a handheld GPS. - The grid datum is NAD 1983 UTM Zone 18N - In connection to this announcement no drilling has been conducted and no location or data points of drill holes reported.

Criteria	JORC Code explanation	Commentary
Data spacing and distribution	- Data spacing for reporting of Exploration Results. - Whether the data spacing, and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied. - Whether sample compositing has been applied.	- LiDAR surveys produce a high-resolution topographical image of the surface, allowing detailed desktop exploration of outcropping pegmatites and prospective geological features. The survey delivered a digital elevation model (DEM) on a 1x1m grid scale with an overlying image of 16cm pixel resolution. - Magnetic survey traverse and tie lines were over a 300m distance and a minimum traverse or tie-line being 3km. Distance between samples along survey lines data spacing was 3.3m. - Rock grab sample spacing has been determined solely by geological mapping and no grade continuity has been applied. - Where access and water was available channel samples have been undertaken in 25m spacings along the pegmatites. - In connection to this announcement no drilling has been conducted and no sample compositing has occurred.
Orientation of data in relation to geological structure	- Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type. - If the relationship between the drilling orientation and the orientation of key mineralized structures is considered to have introduced a sampling bias, this should be assessed and reported if material.	In connection with this announcement no systematic sampling of structures or drilling has been conducted, therefore no orientation data is generated in relation to geological structures.
Sample security	The measures taken to ensure sample security.	- All survey data is held by the company within its access restricted exploration folders. - At all times samples were in custody and control of the Company's exploration representative until delivered to laboratory where samples are held in a secure enclosure pending processing.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	No audits or review have been undertaken.

Section 2 Reporting of Exploration Results – La Grande Project, Aqua Property

(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	- Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings. - The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.	- The La Grande Project consists of 593 continuous claims covering an area of 30,168 hectares - The Joule, Aero and Aqua Properties which forms part of La Grande Project is 100% owned by James Bay Minerals Ltd. - The Joule Property consists of 320 continuous claims covering an area of 16,385 hectares. The Project is located in the La Grande, Greenstone belt. - The Aero Property consists of 101 continuous claims covering an area of 4,980 hectares. The Project is located in the La Grande, Greenstone belt. - The Aqua Property consists of 172 continuous claims covering an area of 8,803 hectares. The Project is located in the La Grande, Greenstone belt. - All claims are in good standing and have been legally validated by a Quebec lawyer specialising in the field.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	- The La Grande Project is a greenfield project with limited historical exploration. - All data obtained on the properties has been generated by Quebec Government Stratigraphic surveys.
Geology	Deposit type, geological setting and style of mineralisation.	- The geology of the Project is relatively unexplored. The primary type of mineralization suggested by the data and mineralization on the adjacent properties is lithium-bearing spodumene which occurs in granite pegmatite and aplite dykes. - The property sits within three key geological ingredients which make it prospective to large LCT pegmatites. These are: - Right Archean Rock Age - Large deformation zones - Proximity to Greenstone Belts

Criteria	JORC Code explanation	Commentary
Drill hole Information	- A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: - o easting and northing of the drill hole collar - o elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar - o dip and azimuth of the hole - o down hole length and interception depth o hole length. - If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case	No drilling activities have been undertaken or reported to date.
Data aggregation methods	- In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g., cutting of high grades) and cut-off grades are usually Material and should be stated. - Where aggregate intercepts incorporate short lengths of high-grade results and longer lengths of low-grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail. - The assumptions used for any reporting of metal equivalent values should be clearly stated	- Low-cut of 15ppm Li has been applied to Appendix 2 and Figures 30 to 34. - No drilling activities have been undertaken or reported to date.
Relationship between mineralisation widths and intercept lengths	- These relationships are particularly important in the reporting of Exploration Results. - If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. - If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g., 'down hole length, true width not known').	No drilling activities have been undertaken or reported to date.
Diagrams	Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.	Appropriate maps and figures have been included in this announcement.
Balanced reporting	Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results	- Results greater than Li 15ppm, and where Rb is greater than 500ppm, have been reported. - Portable XRF produces a multi-element data set but only select elements relevant to lithium exploration have been included. - The laboratory assayed Al, As, B, Ba, Be, Bi, Ca, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, Ga, Gd, Ge, Ho, Hf, In, K, La, Li, Mg, Mn, Mo,

Criteria	JORC Code explanation	Commentary
		Nb, Nd, Ni, Pb, Pr, Rb, S, Sb, Se, Si, Sm, Sn, Sr, Ta, Tb, Te, Th, Ti, Tl, Tm, U, V, W, Y, Yb, Zn, Au. The four elements that have been reported are seen as appropriate for JBY's exploration targets.
Other substantive exploration data	Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances	- LiDAR has been utilised to measure and map out the variations in slope, aspect and elevation to study landforms. The Company's exploration team has examined all the variations in slope and elevation to identify and confirm high-priority areas which sit proud of other structures, as these are some of the key geological features expected of Lithium-Caesium-Tantalum (LCT) pegmatites in the region. - Preliminary geophysical survey results have been received but final results and interpretations are still pending. - All relevant and material exploration data for the target areas discussed, have been reported or referenced.
Further work	- The nature and scale of planned further work (e.g., tests for lateral extensions or depth extensions or large-scale step-out drilling). - Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	Further work will include but not limited to systematic geological mapping, rock chip sampling, soil sampling, pXRF measurements, structural interpretation and drilling to identify suitable host rock geology and structural architecture for late state evolved and fertile LCT Pegmatites.