

26 September 2023

ASX ANNOUNCEMENT

Exceptional Lithium grades up to 7.43% Li₂O in Rockchips at Cadillac

Highlights

- New rockchip sampling program underway, with spodumene visually identified in a number of pegmatite outcrops across the Wells-Lacourcière pegmatite swarm at the Cadillac Project
- Rockchip samples have returned exceptional lithium grades up to 7.43% Li₂O, including:

<u>7.43% Li₂O</u> (X448163)	<u>5.81% Li₂O</u> (X448164)
<u>6.29% Li₂O</u> (X448161)	<u>2.81% Li₂O</u> (X448159)
<u>6.24% Li₂O</u> (X448158)	<u>2.37% Li₂O</u> (X448165)

- Sample results also confirm a strong relationship between elevated lithium and potassium/rubidium ratios (K/Rb<30) within the Wells-Lacourcière pegmatite
- Multiple pegmatites throughout the Cadillac Project area exhibit K/Rb<30 and hence are highly prospective for significant lithium mineralisation
- Olympio's field crew has doubled in size to ensure efficient sampling of pegmatites in underexplored regions of the Cadillac Project whilst also generating new drill targets
- The Cadillac Lithium Project is strategically located within Sayona Mining's (ASX:SYA) Abitibi Hub, less than 100km from Canada's only operating lithium mine

Olympio Metals Limited (ASX:OLY) (Olympio or the Company) is pleased to report on successful rockchip sampling results from the Wells-Lacourcière Prospect at the Cadillac Lithium Project. Visual spodumene was identified in a number of pegmatite outcrops and rockchips have returned exceptionally high surface lithium grades up to 7.43% Li₂O. The full suite of geochemical results also demonstrated that elevated lithium mineralisation within the Wells-Lacourcière pegmatite is strongly correlated with K/Rb ratios <30, which provides an excellent exploration tool for the numerous other prospective pegmatites observed throughout the Cadillac Project area.

Olympio has two field crews sampling the priority targets, fanning out from the known high-grade lithium areas to test for lithium prospectivity in order to generate new drilling targets. The sampling crews are

using portable analysers (**LIBS** and **XRF**) to significantly speed up the exploration process, through in-field real-time assessment of lithium content and pathfinder elements.

Historical mapping and sampling completed by Vision Lithium in the south of the Cadillac Project further demonstrates the extent of the lithium prospectivity of the Project, with numerous mapped pegmatites demonstrating pegmatite fractionation via the potassium (**K**) over rubidium (**Rb**) ratios (*Figure 1*).

The Cadillac Project is located in the rapidly emerging Cadillac-Pontiac lithium camp, less than 100km from Canada's only operating lithium mine in southwest Québec (*Figure 3*). First pass drilling at the Cadillac Lithium Project completed by Vision Lithium in 2022 intersected spodumene-bearing pegmatites with visible crystals in the drill core which correlated with high grades up to 3.14% Li₂O, confirming the presence of significant lithium¹.

Olympio's Managing Director, Sean Delaney, commented:

"We are in a great position with the Cadillac Lithium Project in Quebec. We have high-grade lithium at the surface, and are currently exploring 190 square kilometres of underexplored tenure, just a short drive from the town of Val-d'Or. We now have two field crews working simultaneously on the sampling of pegmatites, using LIBS and XRF for real time data to ensure that the best rock samples are selected for lab assays.

We are sampling priority targets, fanning out from the high-grade Wells-Lacourcière Prospect in this current program, however historical sampling results also demonstrate the potential of the southwest region of the project. Our plan is to generate as much data as possible in the current field season, with the aim of generating priority drill targets for the Quebec winter."

Table 1 Significant Li values with K/Rb ratio, Wells-Lacourcière Prospect

Sample	E	N	Projection	Lithology	Dyke	Li ₂ O %	K/Rb
X448144	687321	5329465	NUTM17	Pegmatite	A	1.55	38
X448158	687294	5329715	NUTM17	Pegmatite	B	6.24	35
X448159	687281	5329709	NUTM17	Pegmatite	B	2.81	38
X448160	687439	5329666	NUTM17	Pegmatite	B	1.44	32
X448161	687475	5329649	NUTM17	Pegmatite	B	6.29	24
X448163	687479	5329639	NUTM17	Pegmatite	B	7.43	16
X448164	687517	5329612	NUTM17	Pegmatite	B	5.81	29
X448165	687532	5329602	NUTM17	Pegmatite	B	2.37	37

¹ ASX Announcement 1st August 2023 – Olympio Acquires Advanced Lithium Project in Quebec

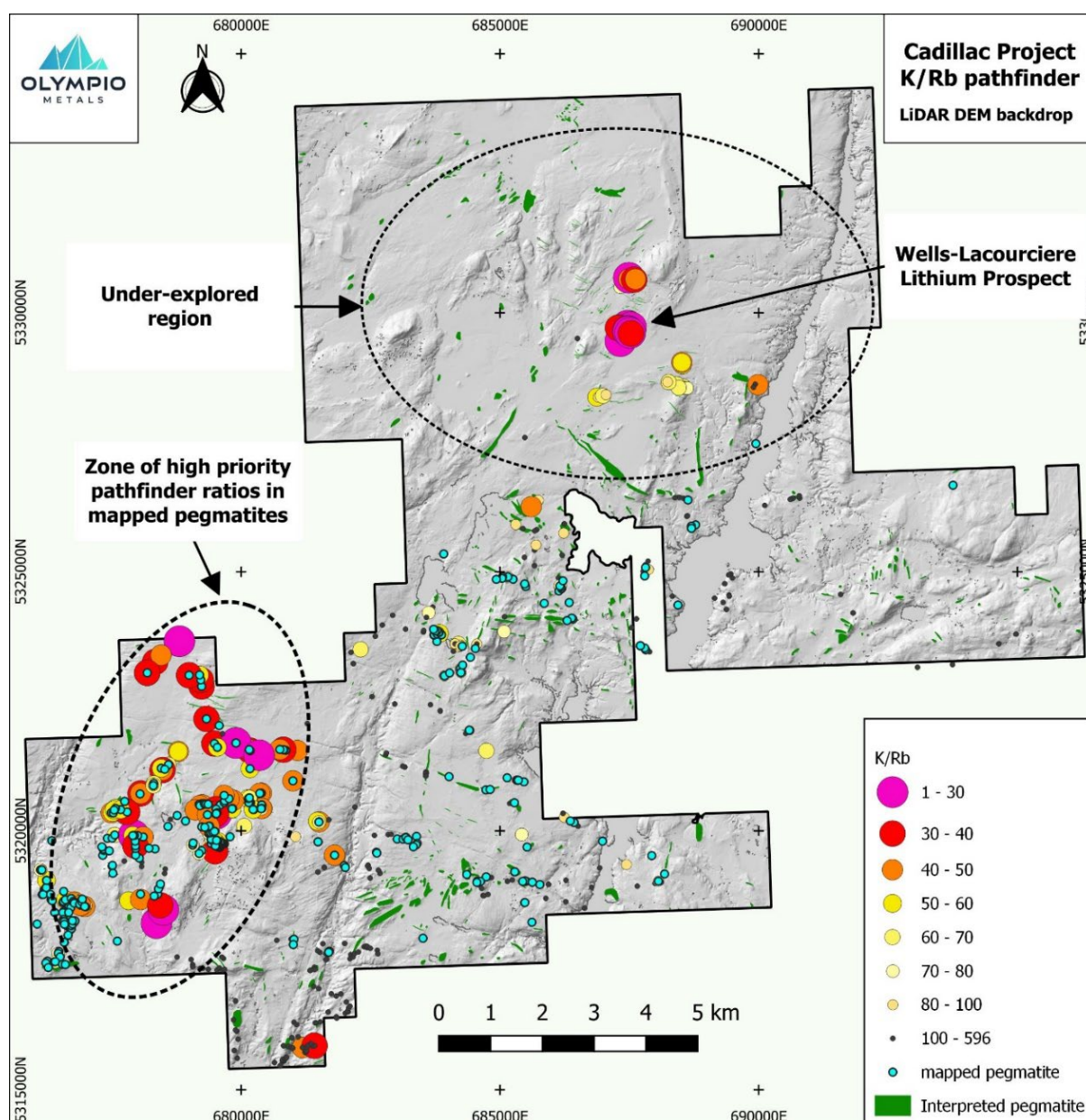


Figure 1: K/Rb ratio of rock-chip samples across Cadillac Project, revealing prospective zones with low ratio values

Technical Discussion

In August 2023, 59 rock chip samples were collected in the Wells-Lacourcière Prospect area by exploration consultants from Technominex. The samples were analysed at ALS Rouyn-Noranda for the elements Li (Li-OG63), Ba, Ce, Cr, Cs, Dy, Er, Eu, Ga, Gd, Hf, Ho, La, Lu, Nb, Nd, Pr, Rb, Sm, Sn, Sr, Ta, Tb, Th, Tm, U, V, W, Y, Yb, Zr, Be (ME-MS85) and K (ME-ICP61). Assays are presented in Table 2 below.

The known dykes at Wells-Lacourcière were also sampled, together with newly discovered dykes in the region. The best results were recovered from a spodumene bearing pegmatite in Dyke B at

Wells-Lacourcière, recording 6 samples over 1% Li₂O up to **7.43% Li₂O** (supporting historical channel sampling grades of 4.8% Li₂O).

K/Rb Pathfinder Analysis

It has long been recognised that K/Rb is one of the key discriminators of fractionated pegmatite systems, which have a greater likelihood of being lithium mineralised². Empirical research has identified pegmatites hosting K/Rb ratios less than 30 (K/Rb<30) as being highly fractionated and lithium fertile. Despite many historical assays of Wells-Lacourcière pegmatites samples, none have previously been assayed for potassium.

The resulting K/Rb geochemical assays are presented in *Table 1*, revealing that all samples with lithium above detection have K/Rb<40, and the majority <30. The data is also represented spatially in *Figure 1*. The association between elevated Li and K/Rb<30 has been strongly supported by this limited sampling exercise, and will be used as an exploration tool for the many pegmatites that remain unsampled within the project area (refer to previous ASX announcement 8th August 2023, which details the interpretation of over 400 pegmatite bodies across the Cadillac Project).

Southwestern Fractionated Target Zones

Historical rock chip sampling in the southern half of the project (2021 Vision Lithium) has produced numerous pegmatite samples with low K/Rb ratios in the southwestern portion of the project, including many sites with K/Rb<30 (see *Figure 1*). This is suggestive of numerous highly fractionated target zones, with implied lithium fertility. Further field sampling and analysis should establish clearer zonation patterns, which will allow prospective areas to be intensively explored.

Field Exploration Underway

Olympio has engaged Technominex and Explo-Logik as consultants to fully exploit the newly-recognised pathfinder association in the field. Field exploration is currently underway, utilising portable LIBS and XRF analysis to directly measure Li, K, Rb and numerous other pathfinder elements. This strategy will ensure a high rate of geochemical analyses, permitting in-field interpretation and flexibility to exploit anomalous trends as they emerge.

There are large swathes of the Cadillac Project that remain completely or largely unexplored for pegmatites and/or lithium (*Figure 1*), particularly around Wells-Lacourcière. Olympio is very optimistic that the accelerated exploration methodology, combined with the newly validated pathfinder vector (K/Rb), will generate new priority drilling targets for 2024.

² Selway, J.B., Breaks, F.W., and Tindle, A.G., 2005, A review of rare-element (Li-Cs-Ta) pegmatite exploration techniques for the Superior Province, Canada, and large worldwide tantalum deposits: *Exploration and Mining Geology*, v. 14, no. 1–4, p. 1–30.

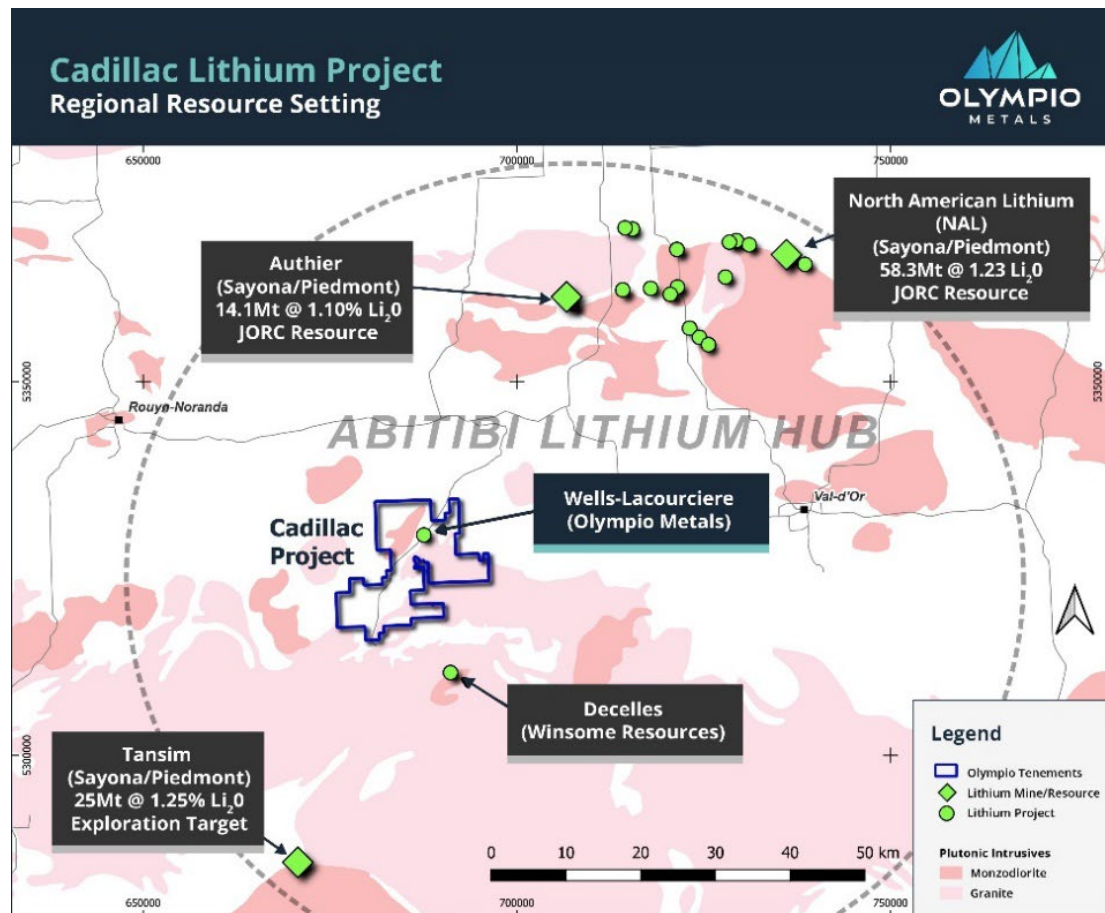


Figure 2: Location of Cadillac Project relative to intrusive bodies and lithium mineralisation

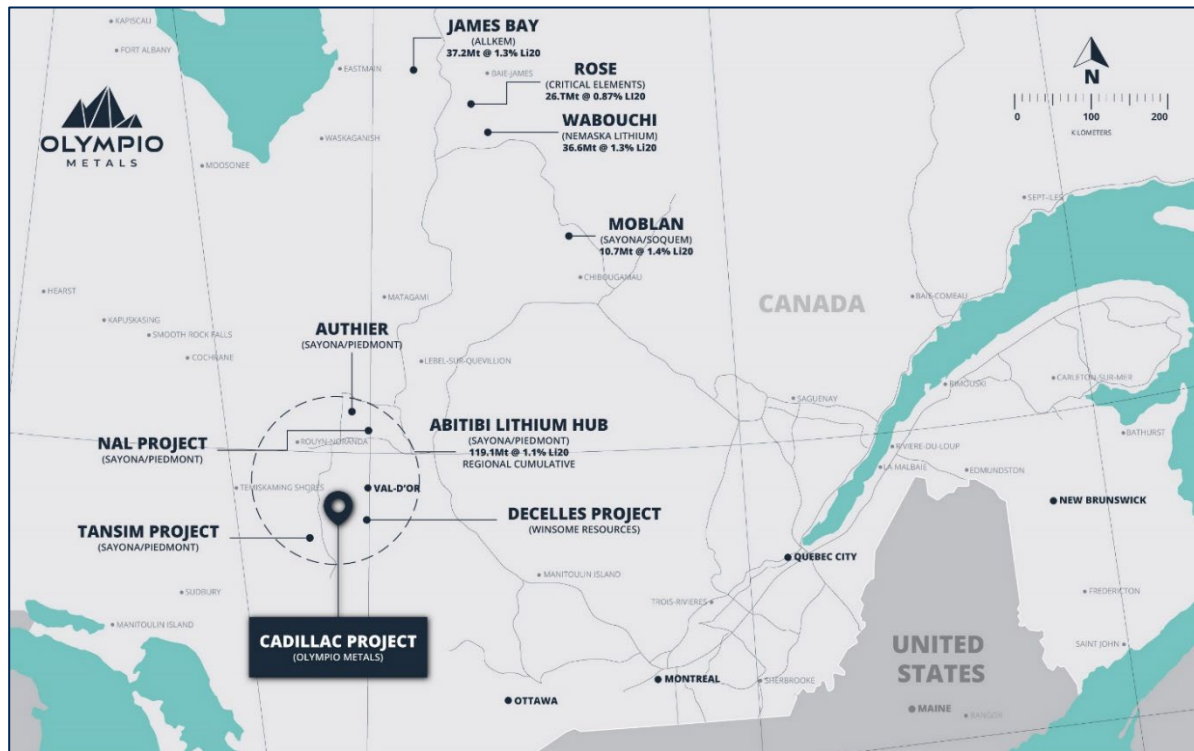


Figure 3: Cadillac Lithium Project Location

This announcement is approved by the Board of Olympio Metals Limited.

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Competent Person's Statement

The information in this announcement that relates to exploration results is based on information compiled by Mr. Neal Leggo, a Competent Person who is a Member of the Australian Institute of Geoscientists and a consultant to Olympio Metals Limited. Mr. Leggo has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Leggo consents to the inclusion in this announcement of the matters based on this information in the form and context in which it appears.

Cautionary Note

Throughout this document, Olympio refers to "spodumene" or "pegmatite". While the Company is very encouraged by the geological observations and assessment by advisors, no quantitative assessment of mineralisation is possible at this stage. The presence of pegmatite does not equate to lithium mineralisation. Further, no forecast is made of whether further drilling will deliver ore grade intersections. The observed presence of spodumene within pegmatite does not necessarily equate to economic grades of lithium mineralisation until confirmed by chemical analysis. It is not possible to accurately estimate the concentration of lithium in mineralisation by visual estimates and this will be determined by chemical analysis.

Forward Looking Statements

This announcement may contain certain "forward looking statements" which may not have been based solely on historical facts, but rather may be based on the Company's current expectations about future events and results. Where the Company expresses or implies an expectation or belief as to future events or results, such expectation or belief is expressed in good faith and believed to have a reasonable basis.

However, forward looking statements are subject to risks, uncertainties, assumptions, and other factors which could cause actual results to differ materially from future results expressed, projected or implied by such forward looking statements. Such risks include, but are not limited to exploration risk, Mineral Resource risk, metal price volatility, currency fluctuations, increased production costs and variances in ore grade or recovery rates from those assumed in mining plans, as well as political and operational risks in the countries and states in which we sell our product to, and government regulation and judicial outcomes.

Readers should not place undue reliance on forward looking information. 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, or to reflect the occurrence of unanticipated events, except as may be required under applicable securities laws.

ISSUED CAPITAL

Ordinary Shares: 66.4M

BOARD OF DIRECTORS

Sean Delaney, Managing Director

Simon Andrew, Chairman

Aidan Platel, Non-Executive Director

COMPANY SECRETARY

Peter Gray

REGISTERED OFFICE:

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West Perth 6005

Table 2 Rock Chip Assays

							Li-OG63	ME-MS85	ME-ICP61	ME-MS85	ME-MS85	ME-MS85	ME-MS85			
Sample	E	N	Projection	Lithology	Dyke	Li2O %	Li %	Hf ppm	K %	Nb ppm	Rb ppm	Ta ppm	Zr ppm	K/Rb	Nb/Ta	Zr/Hf
X448101	688512	5328991	NUTM17	Pegmatite	BB	-0.011	-0.005	0.7	5.66	5.38	622	1	10	91.00	5.38	14.29
X448102	688516	5328993	NUTM17	Pegmatite	BB	-0.011	-0.005	1.22	0.68	9.42	77.6	3.1	14	87.63	3.04	11.48
X448103	688523	5328993	NUTM17	Pegmatite	BB	-0.011	-0.005	2.05	1.35	53	226	17.2	22	59.73	3.08	10.73
X448104	688521	5329003	NUTM17	Pegmatite	BB	-0.011	-0.005	1.22	6.53	14.85	620	4.3	14	105.32	3.45	11.48
X448105	688518	5329003	NUTM17	Pegmatite	BB	-0.011	-0.005	1.87	1.14	25.9	156	9	26	73.08	2.88	13.90
X448106	688507	5329005	NUTM17	Pegmatite	BB	-0.011	-0.005	0.41	0.65	2.46	65.6	1	5	99.09	2.46	12.20
X448107	688514	5329002	NUTM17	Pegmatite	BB	-0.011	-0.005	0.12	1.6	11.7	158	1.8	1	101.27	6.50	8.33
X448108	688504	5329045	NUTM17	Pegmatite	CC	-0.011	-0.005	0.1	5.85	0.7	742	0.3	1	78.84	2.33	10.00
X448109	688500	5329041	NUTM17	Pegmatite	CC	-0.011	-0.005	0.77	0.88	25.8	129.5	6.1	9	67.95	4.23	11.69
X448110	688514	5329043	NUTM17	Pegmatite	CC	-0.011	-0.005	0.52	1.09	47.3	263	14.4	6	41.44	3.28	11.54
X448111	688514	5329043	NUTM17	Pegmatite	CC	-0.011	-0.005	-0.05	4.97	0.78	855	0.3	-1	58.13	2.60	N/A
X448112	688545	5328575	NUTM17	Pegmatite	M	-0.011	-0.005	-0.05	5.28	1.07	837	0.6	1	63.08	1.78	N/A
X448113	688545	5328575	NUTM17	Pegmatite	M	-0.011	-0.005	0.12	6.06	0.6	461	0.7	2	131.45	0.86	16.67
X448114	688561	5328580	NUTM17	Pegmatite	M	-0.011	-0.005	0.17	4.92	1.17	570	0.6	2	86.32	1.95	11.76
X448115	688563	5328575	NUTM17	Pegmatite	M	-0.011	-0.005	-0.05	5.09	0.25	567	0.1	-1	89.77	2.50	N/A
X448117	688559	5328572	NUTM17	Pegmatite	M	-0.011	-0.005	-0.05	5.08	0.13	588	0.1	-1	86.39	1.30	N/A
X448118	688576	5328574	NUTM17	Pegmatite	M	-0.011	-0.005	-0.05	5.46	0.18	617	-0.1	-1	88.49	N/A	N/A
X448119	688589	5328566	NUTM17	Pegmatite	M	-0.011	-0.005	0.13	5.22	0.16	574	0.1	3	90.94	1.60	23.08
X448120	688592	5328566	NUTM17	Pegmatite	M	-0.011	-0.005	0.11	6.07	0.32	622	0.2	2	97.59	1.60	18.18
X448121	688617	5328547	NUTM17	Pegmatite	M	-0.011	-0.005	-0.05	4.9	0.15	626	-0.1	-1	78.27	N/A	N/A
X448122	688255	5328658	NUTM17	Pegmatite	K	-0.011	-0.005	-0.05	4.88	0.12	602	-0.1	-1	81.06	N/A	N/A
X448123	688418	5328620	NUTM17	Pegmatite	L	-0.011	-0.005	1.36	5.24	12.2	418	3.7	19	125.36	3.30	13.97
X448124	688418	5328620	NUTM17	Pegmatite	L	-0.011	-0.005	0.07	5.48	1.45	502	0.3	1	109.16	4.83	14.29
X448125	688414	5328619	NUTM17	Pegmatite	L	-0.011	-0.005	0.97	0.92	24.9	133	11.1	8	69.17	2.24	8.25

							Li-OG63	ME-MS85	ME-ICP61	ME-MS85	ME-MS85	ME-MS85	ME-MS85			
Sample	E	N	Projection	Lithology	Dyke	Li2O %	Li %	Hf ppm	K %	Nb ppm	Rb ppm	Ta ppm	Zr ppm	K/Rb	Nb/Ta	Zr/Hf
X448126	688454	5328555	NUTM17	Pegmatite	Y	-0.011	-0.005	0.08	0.41	8.72	64.5	1.7	1	63.57	5.13	12.50
X448127	688263	5328653	NUTM17	Pegmatite	K	-0.011	-0.005	-0.05	0.02	0.19	1.1	-0.1	-1	181.82	N/A	N/A
X448128	688258	5328655	NUTM17	Pegmatite	K	-0.011	-0.005	-0.05	0.09	0.5	7.2	0.1	-1	125.00	5.00	N/A
X448129	688260	5328663	NUTM17	Pegmatite	K	-0.011	-0.005	0.1	5.46	4.22	826	1.6	1	66.10	2.64	10.00
X448130	688238	5328667	NUTM17	Pegmatite	K	-0.011	-0.005	1.3	6.26	9.8	670	2.8	16	93.43	3.50	12.31
X448131	687491	5330676	NUTM17	Pegmatite	G	-0.011	-0.005	0.19	1.73	90.7	658	27.2	1	26.29	3.33	5.26
X448132	687492	5330653	NUTM17	Pegmatite	F	-0.011	-0.005	1.18	4.83	1.14	1185	0.3	10	40.76	3.80	8.47
X448133	687493	5330659	NUTM17	Pegmatite	F	-0.011	-0.005	0.19	1.6	55.4	223	37.2	3	71.75	1.49	15.79
X448134	687496	5330654	NUTM17	Pegmatite	F	-0.011	-0.005	1.69	6.16	21.2	1015	3.7	20	60.69	5.73	11.83
X448135	687510	5330657	NUTM17	Pegmatite	F	-0.011	-0.005	0.17	6.41	34.9	947	7.3	2	67.69	4.78	11.76
X448137	687533	5330653	NUTM17	Pegmatite	F	-0.011	-0.005	-0.05	0.08	0.35	9.9	0.2	-1	80.81	1.75	N/A
X448138	687542	5330646	NUTM17	Pegmatite	F	-0.011	-0.005	0.08	6.85	1.83	1170	1.1	1	58.55	1.66	12.50
X448139	687551	5330650	NUTM17	Pegmatite	F	-0.011	-0.005	4.59	6.43	4.26	1115	2.1	54	57.67	2.03	11.76
X448140	687577	5330646	NUTM17	Pegmatite	F	-0.011	-0.005	0.32	0.28	11.4	59	5.4	4	47.46	2.11	12.50
X448141	687593	5330640	NUTM17	Pegmatite	F	-0.011	-0.005	0.11	4.75	4.61	1310	1.2	1	36.26	3.84	9.09
X448143	687618	5330651	NUTM17	Pegmatite	F	-0.011	-0.005	0.2	5.18	3.16	1190	1.2	2	43.53	2.63	10.00
X448144	687321	5329465	NUTM17	Pegmatite	A	1.548	0.719	2.33	2.39	119.5	631	69.7	15	37.88	1.71	6.44
X448145	687328	5329453	NUTM17	Pegmatite	A	0.011	0.005	0.12	5.1	0.58	1775	0.4	2	28.73	1.45	16.67
X448146	687514	5329844	NUTM17	Pegmatite	D	-0.011	-0.005	0.07	5.56	0.29	1310	0.2	-1	42.44	1.45	N/A
X448147	687411	5329764	NUTM17	Pegmatite	C	-0.011	-0.005	0.37	0.25	2.03	61.7	0.5	2	40.52	4.06	5.41
X448148	687412	5329762	NUTM17	Pegmatite	C	0.039	0.018	6.36	1.14	23	310	4.3	68	36.77	5.35	10.69
X448149	687452	5329761	NUTM17	Pegmatite	C	0.017	0.008	-0.05	5.61	0.51	1585	0.2	-1	35.39	2.55	N/A
X448150	687459	5329748	NUTM17	Pegmatite	C	0.024	0.011	-0.05	5.78	1.42	3230	0.5	-1	17.89	2.84	N/A
X448151	686871	5328371	NUTM17	Pegmatite	H	-0.011	-0.005	-0.05	4.92	0.54	981	0.2	-1	50.15	2.70	N/A
X448152	686901	5328372	NUTM17	Pegmatite	H	-0.011	-0.005	0.79	5.62	2.87	664	1	10	84.64	2.87	12.66
X448153	686958	5328374	NUTM17	Pegmatite	H	-0.011	-0.005	2.49	2.92	4.83	252	1	32	115.87	4.83	12.85

							Li-OG63	ME-MS85	ME-ICP61	ME-MS85	ME-MS85	ME-MS85	ME-MS85			
Sample	E	N	Projection	Lithology	Dyke	Li2O %	Li %	Hf ppm	K %	Nb ppm	Rb ppm	Ta ppm	Zr ppm	K/Rb	Nb/Ta	Zr/Hf
X448154	686992	5328397	NUTM17	Pegmatite	H	-0.011	-0.005	0.12	5.65	0.84	845	0.1	18	66.86	8.40	150.00
X448155	687050	5328418	NUTM17	Pegmatite	H	-0.011	-0.005	0.1	4.97	0.72	596	0.3	20	83.39	2.40	200.00
X448157	687533	5329720	NUTM17	Pegmatite	C	0.198	0.092	-0.05	0.06	0.76	99.4	0.2	24	6.04	3.80	N/A
X448158	687294	5329715	NUTM17	Pegmatite	B	6.243	2.9	5.55	0.32	57.7	92.6	806	17	34.56	0.07	3.06
X448159	687281	5329709	NUTM17	Pegmatite	B	2.809	1.305	0.78	0.1	80.7	26.5	114.5	5	37.74	0.70	6.41
X448160	687439	5329666	NUTM17	Pegmatite	B	1.438	0.668	1.63	0.8	18.15	251	16.3	11	31.87	1.11	6.75
X448161	687475	5329649	NUTM17	Pegmatite	B	6.286	2.92	0.26	0.07	3.13	29.4	3.5	3	23.81	0.89	11.54
X448163	687479	5329639	NUTM17	Pegmatite	B	7.427	3.45	0.49	0.01	0.25	6.3	0.4	-1	15.87	0.63	N/A
X448164	687517	5329612	NUTM17	Pegmatite	B	5.812	2.7	0.55	0.05	2.24	17.4	3.8	1	28.74	0.59	1.82
X448165	687532	5329602	NUTM17	Pegmatite	B	2.368	1.1	0.38	2.98	62.4	798	19.7	2	37.34	3.17	5.26

JORC Code - Table 1

Section 1 Sampling Techniques and Data

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

Criteria	Explanation	Comment
Sampling techniques	<i>Nature and quality of sampling.</i>	The rock chip sampling program described was carried out on surface pegmatite outcrops using hammers and chisels to extract samples. Samples were not representative of outcrop widths, and comprise selectively extracted mineralised rock. Samples were collected by or under the supervision of professional geologists. Samples ranged from 0.75 – 2kg No standards, blanks or duplicate analyses were undertaken.
	<i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i>	
	<i>Aspects of the determination of mineralisation that are Material to the Public Report.</i>	
Drilling techniques	<i>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).</i>	N/A
Drill sample recovery	<i>Method of recording and assessing core and chip sample recoveries and results assessed.</i>	N/A
	<i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i>	
	<i>Whether a relationship exists between sample recovery and grade ...</i>	
Logging	<i>Whether core and chip samples have been logged</i>	Detailed descriptions of each sample analysed were recorded. They are not presented in this report due to space limitations.
	<i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</i>	
	<i>The total length and percentage of the relevant intersections logged.</i>	
Sub-sampling techniques and sample preparation	<i>If core, whether cut or sawn and whether quarter, half or all core taken.</i>	The rock chip samples were bagged, sealed and transported to the facility of ALS Chemex in Rouyn-Noranda, where each sample was dried, crushed and pulped (Prep-31). The samples were crushed to 70 per cent less than two millimetres (CRU-31), riffle split, pulverise split to better than 85 per cent passing 75 microns (PUL-31). The sample preparation of the samples followed industry best practice, involving oven drying, pulverising, to produce a homogenous sub sample for analysis. Along with submitted samples, standards and blanks were inserted on a regular basis where the pre-numbered calico bag ended with the numbers.
	<i>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i>	
	<i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i>	The sampling program and the quality control program were planned and supervised by Nathalie Landry of Technominex. ALS applied standard QAQC, involving analysis of sterile, duplicate and standardised samples, accredited by ALS Canada Ltd.
	<i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i>	
	<i>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.</i>	

	<i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i>	
Quality of assay data and laboratory tests	<i>The nature, quality and appropriateness of the assaying and laboratory procedures used</i>	Rock chip samples were assayed for Lithium plus 33 elements by ICP-AES (MEMS85) and by 4 Acid digestion for ore grade lithium samples (Li-OG63), plus K (ME-ICP61). The suite of elements analysed was:
	<i>For geophysical tools, spectrometers, handheld XRF instruments, etc,</i>	Li (Li-OG63), Ba, Ce, Cr, Cs, Dy, Er, Eu, Ga, Gd, Hf, Ho, La, Lu, Nb, Nd, Pr, Rb, Sm, Sn, Sr, Ta, Tb, Th, Tm, U, V, W, Y, Yb, Zr, Be (ME-MS85) and K (ME-ICP61). The assaying techniques used are considered total and appropriate to the style of mineralisation and geology.
	<i>Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.</i>	No geophysical tools, spectrometers, or handheld XRF instrument results are reported on. However, portable LIBS and XRF analysis tools were utilised in the field to directly measure Li, K, Rb and numerous other pathfinder elements. This strategy enabled a high rate of geochemical assessment of outcrops, permitting in-field interpretation and focusing rockchip sampling on more prospective outcrops.
Verification of sampling and assaying	<i>The verification of significant intersections by independent or alternative company personnel.</i>	NA
	<i>The use of twinned holes.</i>	NA
	<i>Documentation of primary data, data entry procedures, data verification, data storage protocols.</i>	Capture of field logging was electronic into Excel spreadsheets with multiple worksheets for each sample
	<i>Discuss any adjustment to assay data.</i>	No adjustments to the assay data are recorded.
Location of data points	<i>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.</i>	Handheld GPS (+/- 10m accuracy)
	<i>Specification of the grid system used.</i>	Grid System – NAD83/NUTM17
	<i>Quality and adequacy of topographic control.</i>	N/A
Data spacing and distribution	<i>Data spacing for reporting of Exploration Results.</i>	Data spacing is appropriate for reporting of exploration results.
	<i>Whether appropriate for the Mineral Resource ... estimation procedure(s) ...</i>	No Mineral Resources have been estimated.
	<i>Whether sample compositing has been applied.</i>	No compositing was undertaken.
Orientation of data in relation to geological structure	<i>Whether the orientation of sampling achieves unbiased sampling</i>	Rock chip samples are point samples, not representative, sample orientation is therefore not relevant.
	<i>relationship between the drilling orientation and structures is considered to have introduced a sampling bias.</i>	N/A.
Sample security	<i>The measures taken to ensure sample security.</i>	Samples were transported from the Cadillac Lithium project to a secure facility in Rouyn-Noranda, Quebec where samples were prepared. The samples were bagged, sealed and transported to the facility of ALS Chemex in Rouyn-Noranda, Quebec.
Audits or reviews	<i>The results of any audits or reviews of sampling techniques and data.</i>	N/A

Section 2 Reporting of Exploration Results

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

Criteria	Explanation	Comment
Mineral tenement and land tenure status	<i>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</i>	The Cadillac Project is a mineral property which consists of 331 claims and 3 claim applications (registered with the Quebec provincial government) covering 19,036 hectares (190 km ²). The Property is located 20km south of the historic mining town of Cadillac and approximately halfway between the major mining centres of Rouyn-Noranda and Val-d'Or, in the province of Quebec, Canada. The property consists of a contiguous package of wholly owned tenements held under title by Vision Lithium and under option for purchase by

	<i>national park and environmental settings.</i> <i>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.</i>	Olympio. The tenements are current and in good standing with the Quebec Provincial government. There are existing 2% net smelter royalty agreements on 214 of the mining claims with four independent parties. Olympio are not aware of any known impediments to obtaining a licence to operate in the area.
Exploration done by other parties	<i>Acknowledgment and appraisal of exploration by other parties.</i>	Significant exploration has recently been undertaken by Vision Lithium in 2022. Earlier exploration by previous explorers is limited and Vision reported having found no record or sign of earlier drilling on the property. Vision undertook the following work in 2022: • Acquired permits for access trails prep, outcrop clearing, sampling and drilling. • Sampled and assayed 24 separate short channels across the main outcropping B dyke over a strike length of 300 metres. • Completed a high-resolution airborne MAG survey over more than half the property. Combining the results of the survey with an existing adjacent HiRes survey. • Acquisition of recent government LIDAR data for the entire property and completed a re-interpretation of the data at higher resolutions in order to define and refine potential pegmatite targets for future exploration. The LIDAR report identified over 400 potential pegmatite targets for ground proofing. • Brush cleaning and stripping of outcropping pegmatite dykes in the main cluster; • Completed diamond core drilling of 36 holes totalling 4,597 metres. • Completion of a “first pass” field exploration of property to ground proof pegmatite targets identified by Mag and LiDAR survey interpretations. This work was undertaken by consultants Geologica, and involved the mapping of 979 outcrops and collection of 634 samples, predominantly in the south of the project area. The samples were analysed for a wide range of elements including Li (Li-OG63), K (ME-ICP61) and Rb (ME-MS85). The Li, K, and Rb samples are presented in this release.
Geology	<i>Deposit type, geological setting and style of mineralisation.</i>	The Cadillac Project is located in the Val-d'Or-Malartic mining camp in the Southern Volcanic Zone in the southeastern part of the Archean Abitibi Greenstone Belt. The Property hosts a cluster of East-West trending pegmatite dykes, possibly 8 or more, which are spaced approximately 100 metres apart North-South over close to one kilometre and traced for at least 300 metres along strike. Lithium mineralisation has been observed in these dykes, with large lithium crystals visible in some areas of the B dyke.
Drill hole Information	<i>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:</i>	No new drilling for this announcement. The drill hole intercepts mentioned in this release have been discussed in greater detail in previous ASX release Olympio Metals 1st August 2023 “OLYMPIO ACQUIRES ADVANCED LITHIUM PROJECT IN QUEBEC”
Data aggregation methods	<i>... weighting averaging techniques, maximum and/or minimum grade truncations should be stated.</i> <i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i>	Individual sample assays are presented. No metal equivalent values or formulas used.
Relationship between mineralisation widths and intercept lengths	<i>These relationships are particularly important in the reporting of Exploration Results.</i> <i>If the geometry of mineralisation with respect to the drill hole angle</i>	Intercepts reported are point samples.
Diagrams	<i>Appropriate maps and sections (with scales) and tabulations of intercepts should be included ...</i>	Summary diagrams are included in the accompanying announcement.
Balanced reporting	<i>Where comprehensive reporting of all Exploration Results is not practicable</i>	Selected significant individual assays are highlighted in the announcement, with all sample assays provided in a Table. The location of interpreted pegmatite targets is shown in a map. No historical drilling is known to exist.
Other substantive exploration data	<i>Other exploration data, if meaningful and material, should be reported.</i>	All relevant data has been discussed within this report.

Further Work	<i>The nature and scale of planned further work.</i>	Further field mapping and rock chip sampling is currently underway. Much of the tenement remains unexplored for pegmatites.
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