Critical Consolidates Mavis Lake Lithium Project With Strategic Acquisitions

- Critical Resources executes binding agreement to acquire adjacent lithium prospects consolidating the Mavis Lake Lithium Project land holding enhancing its strategic position.
- The Mavis Lake Lithium Project is surrounded by world class transport and utilities infrastructure making it a **strategically important resource for North America's lithium supply chain.**
- **Exploration Target announced 22 May 2024** focuses the opportunity to expand the Mavis Lake Maiden JORC Mineral Resource Estimate - 8Mt @ 1.07% Li_2O excluding additional prospects.
- Recent completed drill programs at Mavis Lake demonstrates the scale and potential for significant resource growth, with **exceptional intersections outside the resource envelope including**:
  - **74.4 m @ 1.18% Li_2O** from 176.1 m incl. **32.9m @ 1.81%Li_2O** from 215.6m (MF23-207)
  - **20.7m @ 1.21% Li_2O** from 212m (MF23-209)
  - **41.3 m @ 1.25% Li_2O** from 208.3 m (MF23-210)
  - **41.0 m @ 1.18% Li_2O** from 206.6 m (MF23-211)
  - **50.2 m @ 1.28% Li_2O** from 203.6 m (MF23-213)
  - **55.0 m @ 0.95% Li_2O** from 194 m incl. **25.85m @ 1.39% Li_2O** from 214m (MF23-214)
  - **36.7 m @ 0.92% Li_2O** from 215 m incl **28.0m @ 1.01 %Li_2O** from 223m (MF23-217)
  - **16.8m @ 1.18% Li_2O** from 177.0m, **12.9m @ 1.39% Li_2O** from 208m and **14.9m @ 1.25% Li_2O** (MF23-228)
  - **34.9 m @ 1.02% Li_2O** from 131 m incl. **27.4m @ 1.24% Li_2O** from 131m (MF24-248)
  - **21.2 m @ 1.14% Li_2O** from 284 m (MF24-261)
- The consolidation of the adjacent claims represents a **low-cost, high-impact growth option for the Mavis Lake Lithium Project**, creating a dominant land holding, unlocking a district scale growth opportunity with an **expanded pipeline of priority drill-ready targets.**
- Critical has **lodged an application for Ontario Junior Exploration Program (OJEP) for up to C$200,000,** to support future exploration programs across the priority targets at Mavis Lake.

Critical Resources Limited ('**Critical Resources**' or the '**Company**', **ASX**:**CRR**) is pleased to announce to shareholders the acquisition of several highly prospective lithium claims from Bounty Gold Corporation (Bounty Gold) and Last Resort Resources Limited (Last Resort), directly adjacent to the Company's Mavis Lake Lithium Project (**Mavis Lake**) in Northwestern Ontario, Canada.

Critical Resources' Chief Executive Officer, Mr. Tim Wither, commented *'The consolidation of these lithium-rich claims marks another important step in the strengthening of our land position in the Ontario region. The*

identification of highly fractionated pegmatites supports the strong potential for further resource growth. These additional claims expand our pipeline of drill ready targets, enhancing the Exploration Target announced in May 2024, which gives shareholders an understanding of the potential upside at the Mavis Lake Lithium Project.

'We are starting to see encouraging signals from small supply imbalances within the lithium markets. Lithium demand growth remains robust, and in less mature markets, even small supply-demand imbalances can trigger rapid price movements. It is encouraging to continue to observe large market participants maintaining investment momentum in the sector to secure long-term lithium supply. In preparation we continue with low-cost value-adding workstreams, building a strong foundation for long-term growth at Mavis Lake.

'For Shareholders, the Mavis Lake Project stands as one of Ontario's significant lithium assets, with scale potential, grade, and access to world-class transport and power utility infrastructure, setting Mavis Lake to play a key role in North America's lithium supply chain.'

LAND CONSOLIDATION EXPANDS GROWTH POTENTIAL AT MAVIS LAKE

The acquired claims (**Figure 1**) expand the Mavis Lake Project Area by approximately 6,300 hectares (63km^2), consolidating a dominant land position along a highly prospective regional trend and enhancing the Company's exploration potential in the region. To further consolidate the Mavis Lake landholding position and to capitalise on regional exploration opportunities, the Company staked 1,000 hectares (10km^2) securing the prospective multicommodity Centrefire Creek prospect to the north.

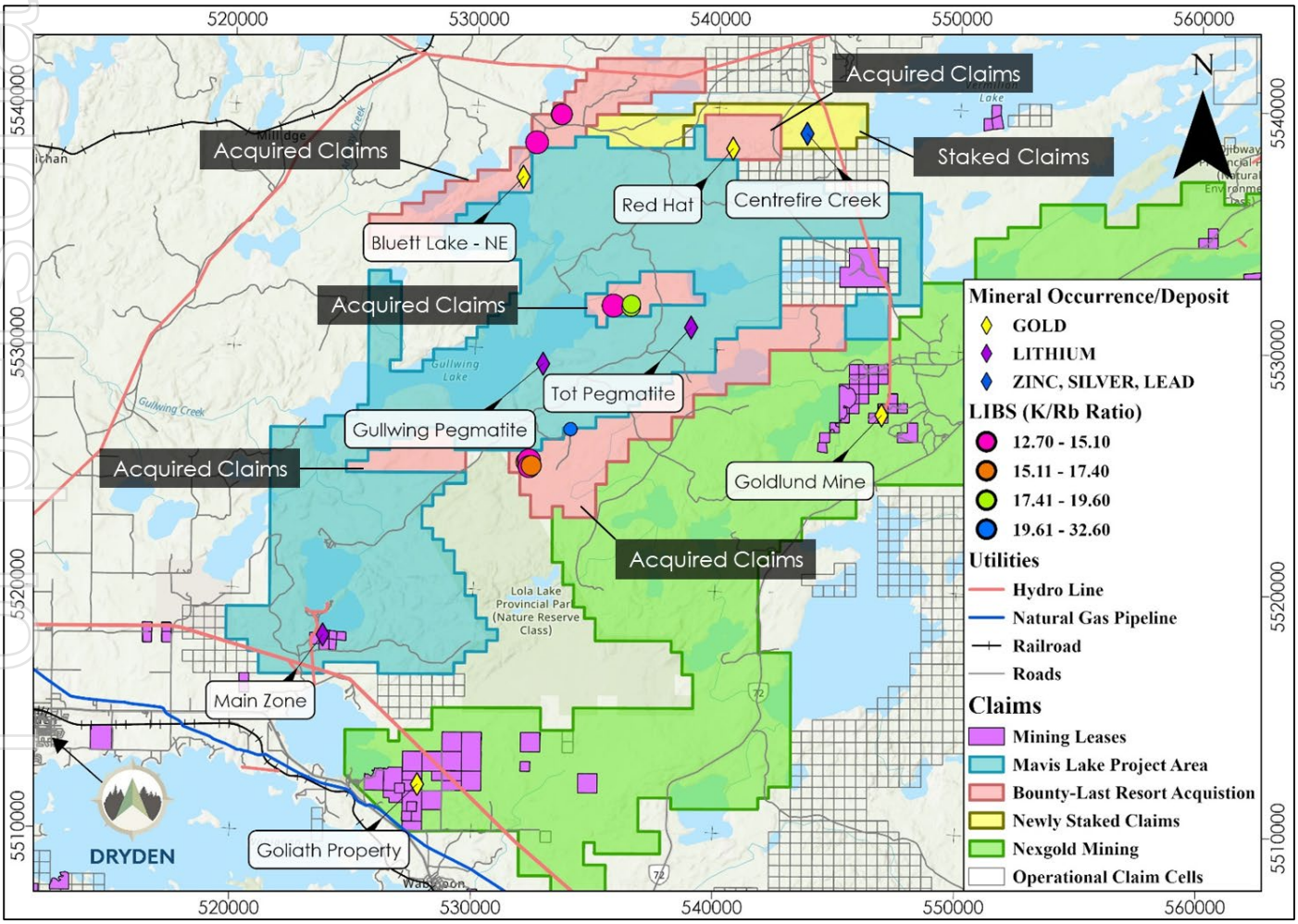

Figure 1 *– Mavis Lake Project Area Map showcasing newly staked claim cells and the recently acquired claim groups from Bounty Gold and Last Resort Resources.*

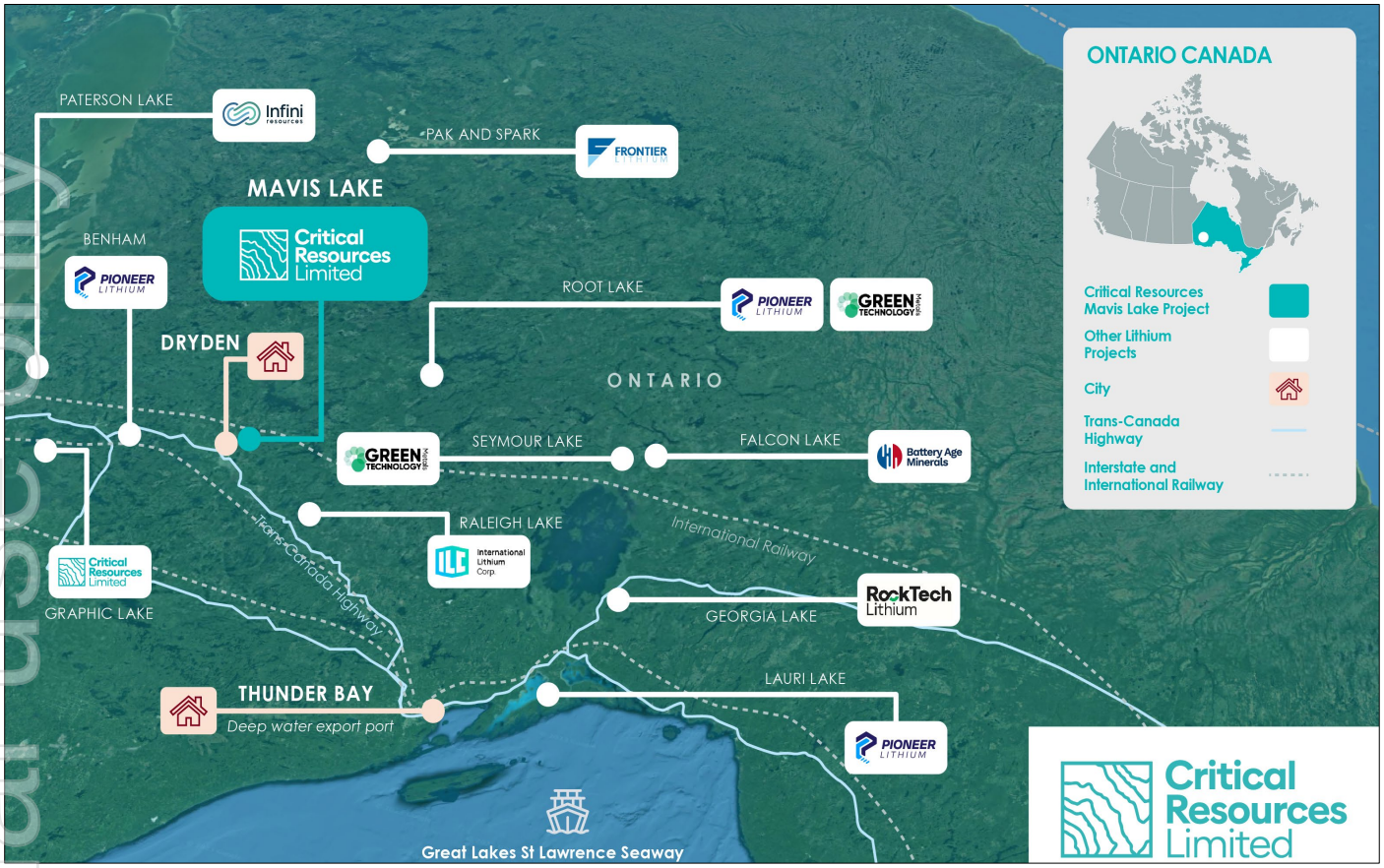

Figure 2 *– Location of Critical Resources Mavis Lake project with surrounding lithium prospects.*

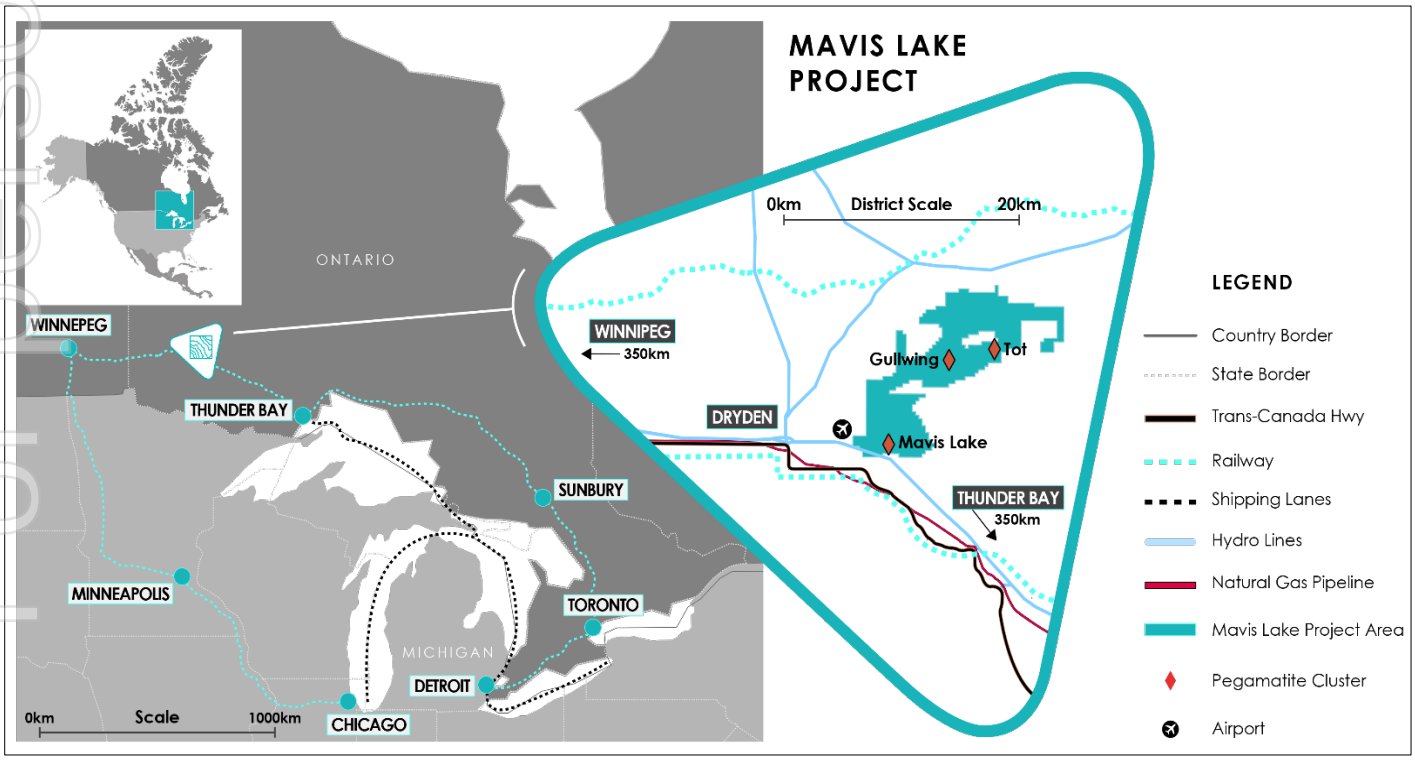

Figure 3 *– Location of Critical Resources Mavis Lake project with surrounding transport and utilities infrastructure.*

The secured properties host numerous pegmatite occurrences with confirmed high levels of fractionation, as identified by LIBS (Laser-Induced Breakdown Spectroscopy) testing. Multiple pegmatites on the properties returned low K/Rb ratios (<20), supporting the presence of highly evolved pegmatite systems and reinforcing the potential for lithium-bearing spodumene mineralisation within proven geological corridors.

PROGRESS AT MAVIS LAKE

Since acquiring the Mavis Lake Lithium Project in 2022, Critical Resources has undertaken numerous high-impact work programs that has **transformed the Project into one of Ontario's most advanced and well-positioned lithium development opportunities**. In just three years, the Company has delivered a series of significant technical and operational milestones that have laid a strong foundation for long-term growth.

In May 2023, the Company announced a maiden **JORC Inferred Mineral Resource Estimate (MRE) of 8Mt @ 1.07% Li_2O** (ASX:CRR announcement 5 May 2023) establishing the initial scale and grade of the Mavis Lake Main Zone.

In May 2024, the Company announced a JORC-compliant **Exploration Target of 18–29Mt @ 0.8–1.2% Li_2O, in addition to the current MRE**, underscoring the significant potential across the Mavis Lake Project Area (ASX:CRR announcement 22 May 2024). Following the maiden MRE, the Company has continued to test expansion of the Mavis Lake resource and surrounding prospects, completing over 58,000 metres of drilling.

Cautionary statement - The potential quantity and grade of the Exploration Target is conceptual in nature. There has been insufficient exploration to estimate a Mineral Resource, and it is uncertain if further exploration will result in the estimation of a Mineral Resource. Please refer to Exploration Target Cautionary Statement for further information.

Results from these recently completed drill programs, confirm the Mavis Lake spodumene-bearing pegmatites extend well beyond the current resource model, with consistent widths and strong grades observed both along strike and at depth.

Notable results outside the resource envelope at Mavis Lake include*:

- **74.4 m @ 1.18% Li_2O** from 176.1 m incl. **32.9m @ 1.81% Li_2O** from 215.6m (MF23-207)
- **20.7m @ 1.21%Li_2O** from 212m (MF23-209)
- **41.3 m @ 1.25% Li_2O** from 208.3 m (MF23-210)
- **41.0 m @ 1.18% Li_2O** from 206.6 m (MF23-211)
- **50.2 m @ 1.28% Li_2O** from 203.6 m (MF23-213)
- **55.0 m @ 0.95% Li_2O** from 194 m incl. **25.85m @ 1.39% Li_2O** from 214m (MF23-214)
- **36.7 m @ 0.92% Li_2O** from 215 m incl **28.0m @ 1.01 % Li_2O** from 223m (MF23-217)
- **36.8 m @ 1.12% Li_2O** from 208 m incl. **33.5m @ 1.21% Li_2O** from 209.8m and **7.7m @ 1.3% Li_2O** from 347.2m (MF23-225)
- **9.95m @ 1.24% Li_2O** from 145.7m and **31.6 m @ 1.06% Li_2O** from 205.6 m and **20.7m @1.44% Li_2O** from 339.3m (MF23-226)
- **16.8m @ 1.18%Li_2O** from 177.0m and **12.9m @ 1.39% Li_2O** from 208m and **14.9m @ 1.25% Li_2O** (MF23-228)
- **18.4 m @ 1.46% Li_2O** from 160.65 m and **8.05m @ 1.21% Li_2O** from 325.3m (MF23-230)
- **34.9 m @ 1.02% Li_2O** from 131 m incl. **27.4m @ 1.24% Li_2O** from 131m (MF24-248)
- **21.2 m @ 1.14% Li_2O** from 284 m (MF24-261)

Exploration success has not been limited to the Main Zone. At the nearby Tot Pegmatite, the Company has completed over 7,000 metres of drilling, identifying an expansive spodumene system that remains entirely outside the existing resource base.

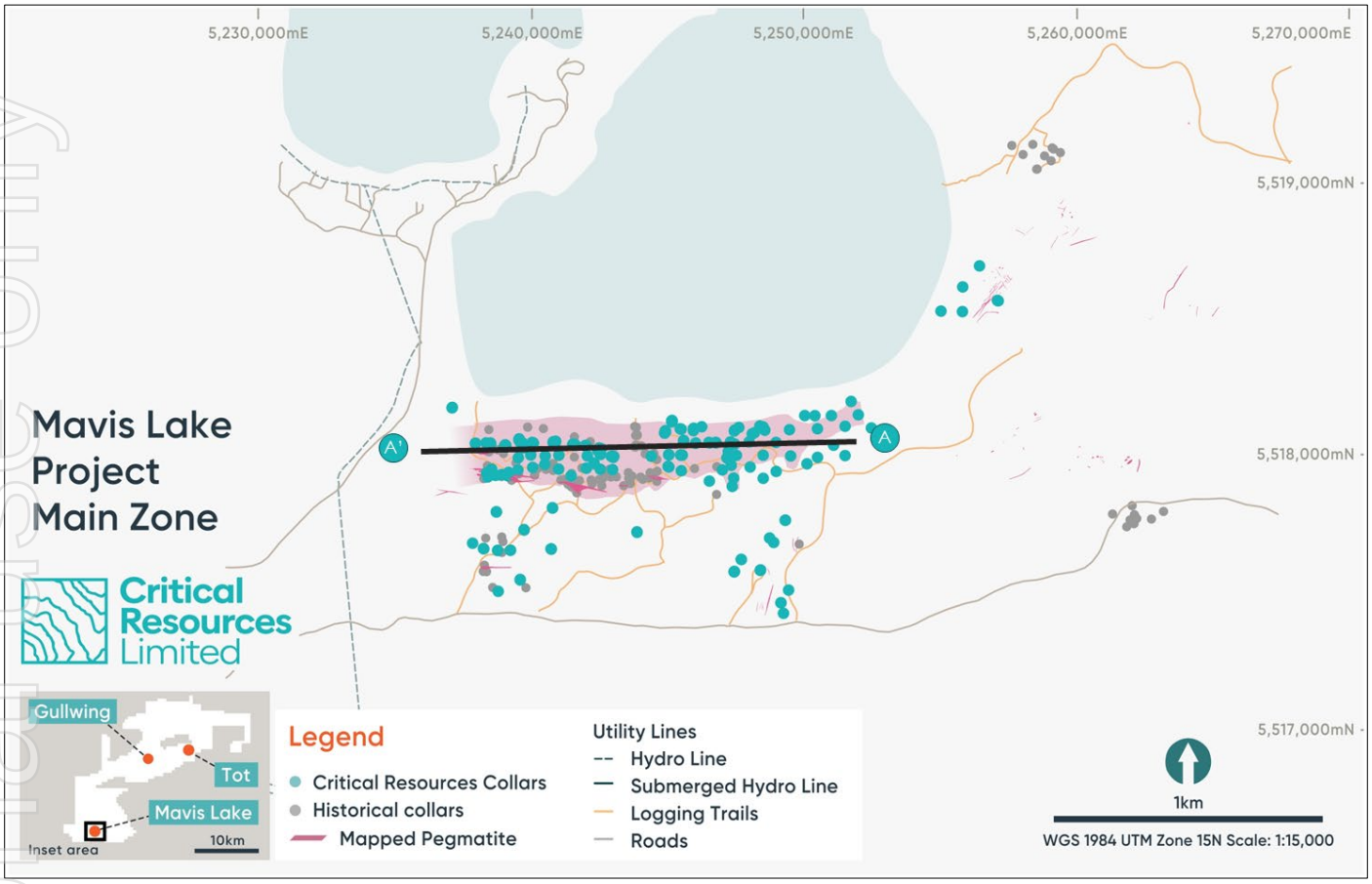

Figure 4 *– Mavis Lake Project – Main Zone with long-section A-A'*

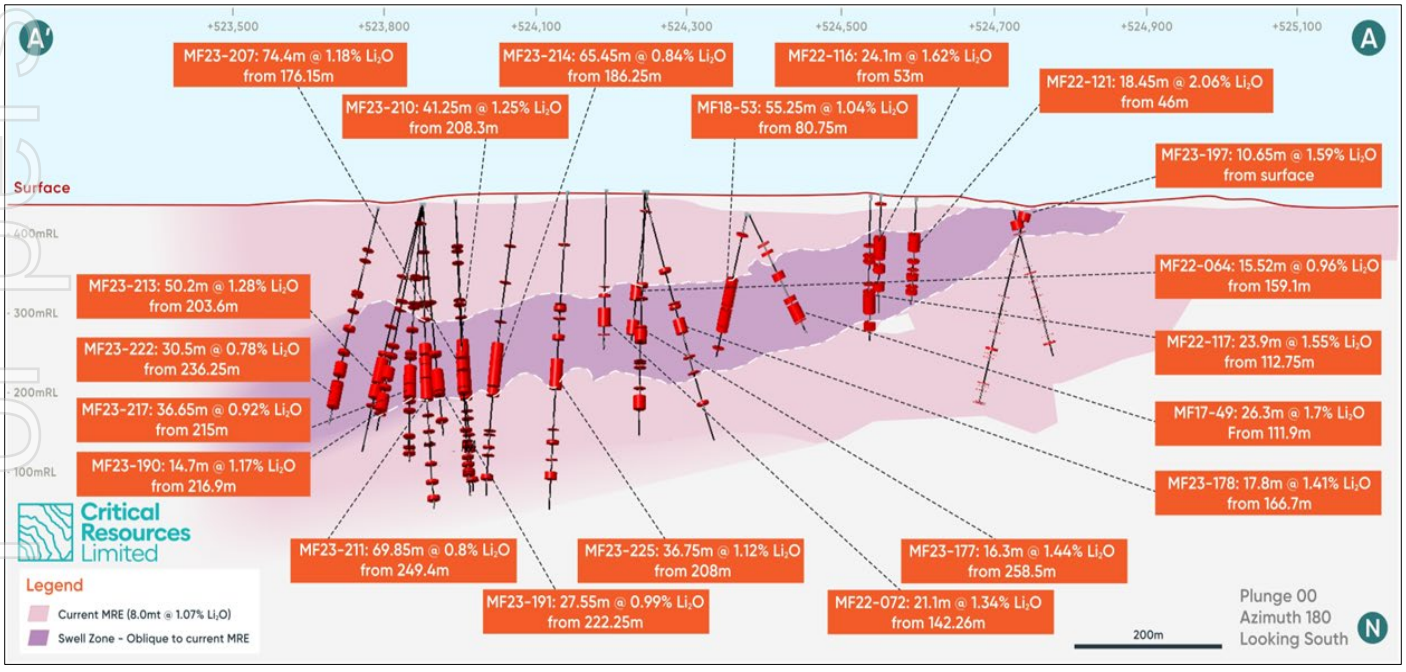

Figure 5 *– Mavis Lake main zone cross section A-A'*

Importantly, large areas of the property remain underexplored that have never been systematically drill tested. The Company believes that substantial discovery potential exists beyond the currently defined zones and continues to plan for future exploration programs. These targeted programs are aimed to unlock the

potential at the Mavis Lake Project, through targeted drilling, geophysics, and geochemical surveys designed to identify and prioritise new spodumene-bearing pegmatites. The fully permitted Tot and Gullwing Prospects are priority targets with mapped spodumene mineralisation at surface and represents just two of the high priority drill-ready targets.

In parallel Critical Resources has continued to progress metallurgical, environmental baseline studies, permitting work, and proactive engagement with local communities and First Nations, ensuring alignment with regulatory frameworks and ESG best practices.

Through this combination of extensive drilling, resource growth potential, new target generation, and strong stakeholder engagement, Critical Resources has positioned Mavis Lake to move rapidly toward resource expansion and development when market conditions improve. Critical Resources Mavis Lake Project now stands as one of Ontario's significant lithium assets, with the scale, grade, and readiness to play a key role in North America's emerging lithium supply chain.

Multi-Commodity Upside with Gold-Silver-Copper Showings Along Regional Trend

In addition to lithium prospectivity, the newly secured claims host historical gold, silver, and base metal prospects, including, **Bluett Lake, Centrefire Creek, and Red Hat (Figure 6)**. These gold prospects aligned to an extensive ~14 km east–west trending felsic to intermediate volcanic unit, which remains largely underexplored. The Company has initiated desktop evaluations of these precious and base metal prospects to assess their potential for follow-up exploration.

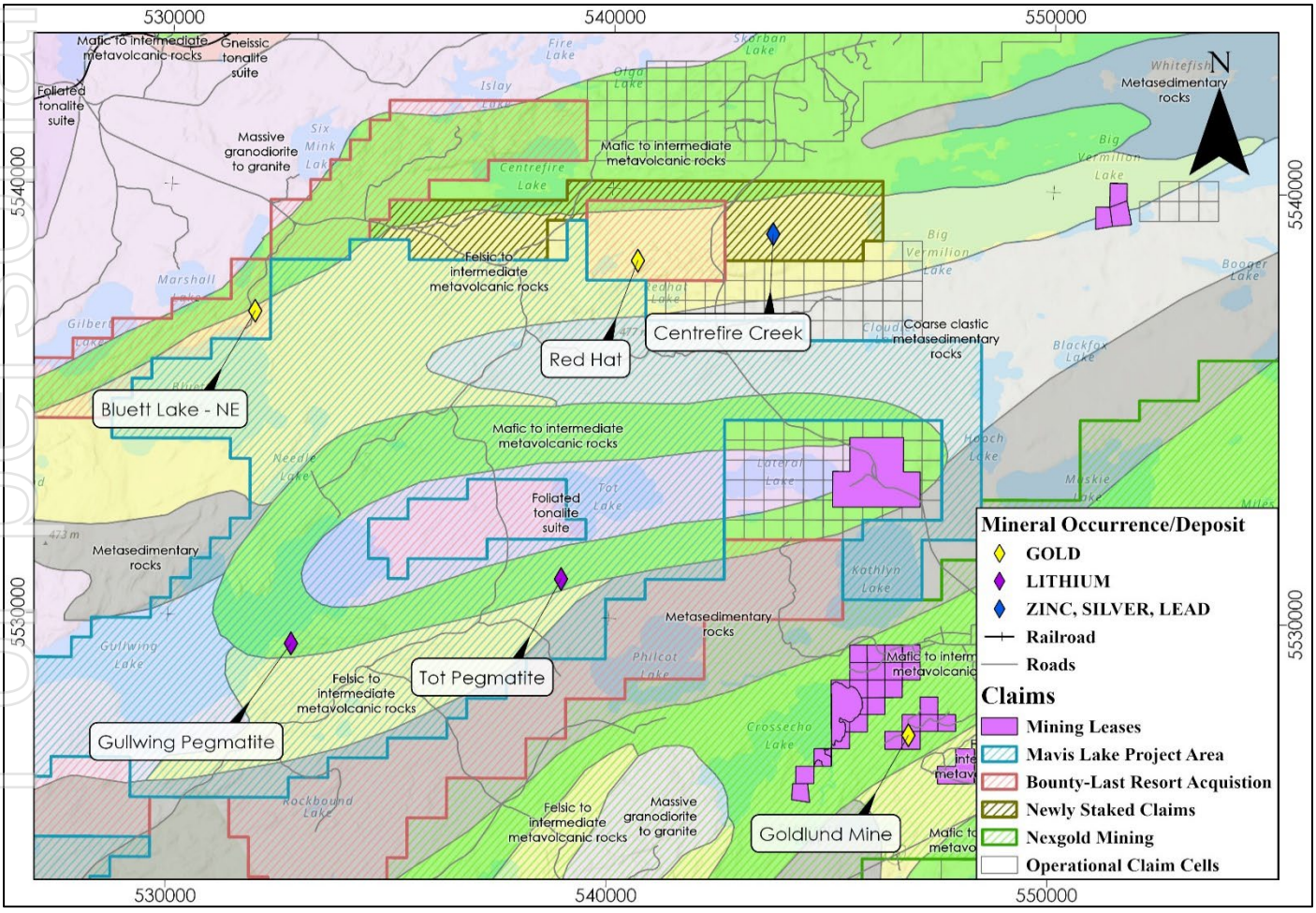

Figure 6 *– Plan map highlighting the potential 14km polymetallic trend within the regionally mapped felsic volcanic unit with great road access.*

The Mavis Lake Project is situated within the Eagle–Wabigoon–Manitou greenstone belt, which hosts NexGold Mining Corporation's (TSXV:NEXG) 3.8 Moz Au Goliath Gold Complex (located ~30 km SSE of Mavis Lake, NI 43-101 2.14 Moz Measured & Indicated at 0.98 g/t and 0.78 Moz Inferred at 0.75 g/t) (TSXV:NEXG announcement 27 March 2023 - NI 43-101 Technical Report, Pre-Feasibility Study for the Goliath Gold Complex). The NexGold Goliath Gold Complex is one of the largest undeveloped gold assets in northwestern Ontario and demonstrates the gold prospectivity of the Eagle–Wabigoon–Manitou greenstone belt.

In 2009 Abitibi Mining Corp completed a trenching program on the Centrefire and Red Hat properties. A single trench on Red Hat uncovered an 18m wide interval averaging 1.1 g/t Au within weakly bedded and brecciated massive Pyrite. These historical channel exploration results have been reported by a former owner (Abitibi Mining Corp (TSX-V: ABB) on 16 March 2011, and Copper Lake Resource Ltd (TSX-V: CPL)) on 7 March 2017, rather than the Company.

The Company has commented on the reliability of the results with reference to the information requirements of JORC Table 1, Sections 1 and 2 as an appendix to this announcement, and is not aware of any reasons why the Exploration Results could not be relied on for informing the general location of follow up exploration activities, subject to confirmatory field work occurring. The results were based on a trenching program (as further particularised in the paragraph above). Follow-up field work, which is expected to occur in the Canadian summer fieldwork season is required to determine the precise location and to confirm the reported gold mineralisation. Other than as disclosed in this announcement, the Company is not aware of any further exploration results at the Centrefire and Red Hat Prospects. These exploration results were originally reported under Canadian reporting standards and may not conform to the requirements in the JORC Code 2012. The reports and available information referenced here: Tims, A. (2022). 2022 Red Hat Property Outcrop Mapping, McIlraith Twp., Kenora District, Ontario. Ontario Geological Survey Assessment File AFRI 20000020617, 33 pp, submitted to the Ministry of Energy and Mines, Ontario, have been assessed by Exploration Geologist Mr Troy Gallik and the results in this announcement are considered as genuine and fair reporting of the historic exploration available to the Company at the date of this announcement, noting however, that the Company is currently in the process of seeking to locate the further referenced underlying Abitibi Mining Corp report.

Cautionary Statement: The Red Hat channel sample exploration results have not been reported in accordance with the JORC Code 2012. A Competent Person has not done sufficient work to disclose the exploration results in accordance with the JORC Code 2012 and it is possible that following further evaluation and/or exploration work that the confidence in the prior reported exploration results may be reduced when reported under the JORC Code 2012. Nothing has come to the attention of the Company that causes it to question the accuracy or reliability of the exploration results; however, the Company has not independently validated the exploration results and therefore is not to be regarded as reporting, adopting or endorsing those results.

OJEP Funding Application

Critical Resources has applied for the maximum CAD$200,000 in funding under the Ontario Junior Exploration Program (OJEP). If approved, the funding will support further exploration activities across the Mavis Lake Project. The OJEP application underscores the Company's commitment to systematic exploration programs across the expanding pipeline of high-priority targets.

Transaction Summary

The Company's wholly owned Canadian subsidiary, Canada Critical Resources Corporation, has entered into a binding purchase agreement to acquire 100% legal and beneficial ownership of the Dryden East claims (**Appendix B - Table 1**).

Under the terms of the agreement with Bounty Gold Corporation (Bounty Gold) and Last Resort Resources Limited (Last Resort) (**Vendors**), CRR (via Canada Critical Resources) will acquire 100% legal and beneficial interest in Dryden East claims (Appendix B - Table 1) in consideration for a one off payment of CAD$25,000 and granting the Vendors a 2.0% Net Smelter Royalty (NSR) (1.0% NSR for each Vendor) on future production

from acquired tenements, under industry standard conditions (Royalty). Critical Resources holds the right to repurchase 1% of the NSR for $1,000,000 CAD at any time.

Completion of the acquisition of the Dryden East Claims is subject to CRR completing due diligence on the permits within 30 business days, the parties obtaining relevant ministerial approvals and the parties obtaining all necessary third-party consents and approvals.

The Company confirms that Bounty Gold Corporation and Last Resort Resources Limited are not a related party of Critical Resources.

This announcement has been approved for release by the Board of Directors of Critical Resources.

For further information, please visit www.criticalresources.com or contact:

E: info@criticalresources.com.au
P: +61 (8) 9465 1024

ABOUT CRITICAL RESOURCES LIMITED

Critical Resources is an Australian mining company focused on the exploration and development of metals needed for a sustainable future. The Company holds the Mavis Lake Lithium Project, located in Ontario, Canada, with drilling exceeding 45,000 meters. This has defined a maiden inferred resource of 8 million tonnes at 1.07% Li_2O, with significant potential to expand this resource and identify new discoveries within the surrounding area.

The Company's Hall Peak Base Metals Project is located ~87km south-east of Armidale, New South Wales, Australia. The Company has defined a maiden Inferred Mineral Resource of 884,000t @ 3.7% Zn, 1.5% Pb, 0.4% Cu, 30g/t Ag and 0.1g/t Au. The Hall Peak ~950 km^2 exploration tenure includes two advanced antinomy-gold prospects – Mayview and Amoco.

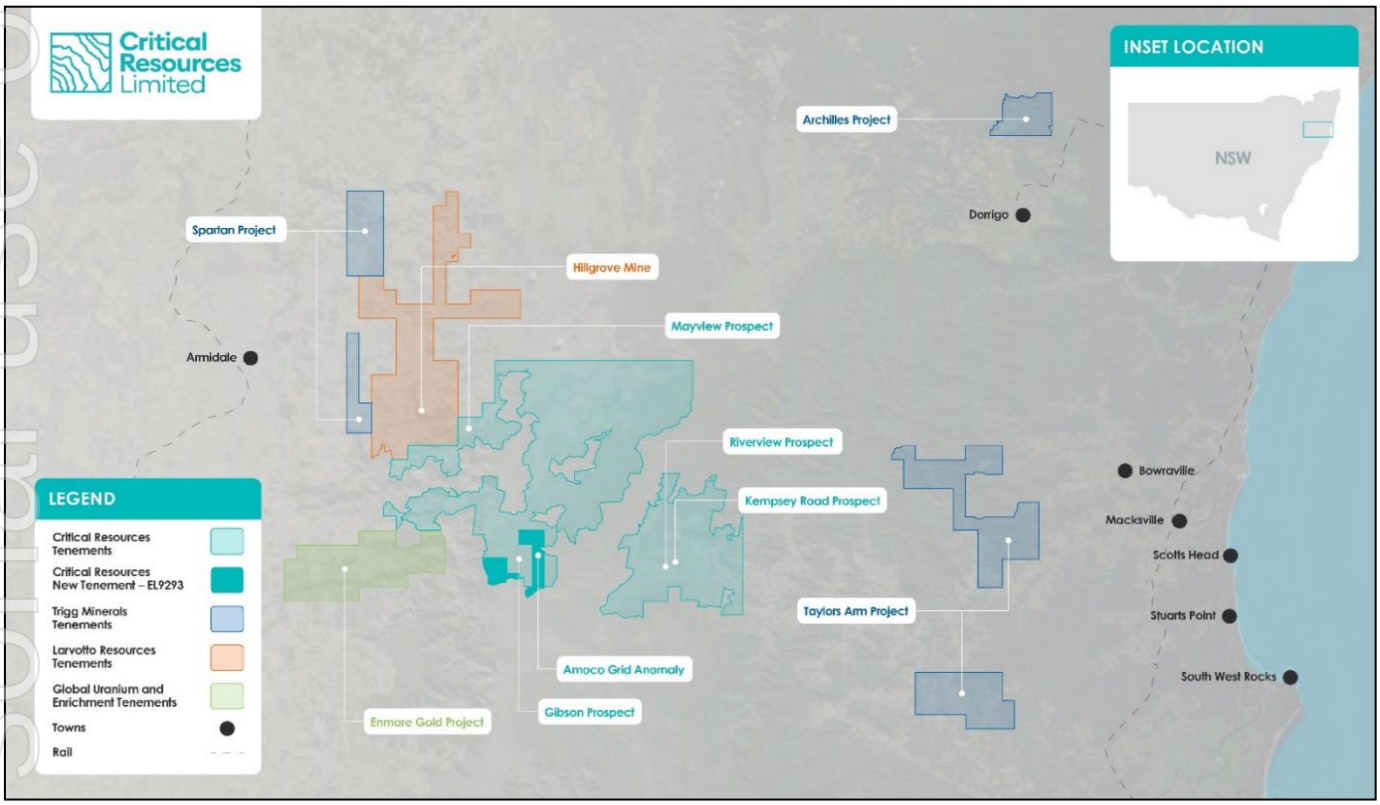

Figure 7 - *Project Location map showing Halls Peak project area proximity to significant Antimony-Gold projects in the Armidale region, NSW, Australia.*

Halls Peak – Gibson Base Metals Project - Mineral Resource Estimate

Halls Peak Project JORC Classification	Zn Cut-Off grade (%)	Tonnage (Mt)	Zn (%)	Pb (%)	Cu (%)	Ag ppm (g/t)	Au ppm (g/t)
Indicated	-	-	-	-	-	-	-
Inferred	2.0	0.84	3.7	1.5	0.44	30	0.1
Total*	**-**	**0.84**	**3.7**	**1.5**	**0.44**	**30**	**0.1**

*Reported at a cut-off grade of 2% Zn for an open pit mining scenario. Estimation for the model is from the generation of a rotated block model, with blocks dipping 55>330°. Classification is according to JORC Code Mineral Resource categories. Refer to the ASX:CRR announcement 30 June 2023.

Mavis Lake Lithium Project - Mineral Resource Estimate

Mavis Lake -Lithium Project JORC Classification	Li_2O Cut-Off grade (%)	Tonnage (Mt)	Li_2O (%)
Inferred	0.3	8.0	1.07
Total*		**8.0**	**1.07**

*Reported at a cut-off grade of 0.30% Li2O for an open pit mining scenario. Estimation for the model is by inverse distance weighting. Classification is according to JORC Code Mineral Resource categories. Refer to ASX:CRR announcement 5 May 2023.

COMPETENT PERSON STATEMENT

The information in this ASX Announcement that relates to Exploration Results and the Exploration Target is based on, and fairly represents, information compiled by Mr. Troy Gallik, P.Geo., who is a Competent Person and a member of the Association of Professional Geoscientists of Ontario. Mr. Gallik is a full-time employee of Critical Resources Ltd. Mr Gallik has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration, and to the activity being undertaken, 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 (JORC Code). Mr. Gallik has reviewed the available historical data referenced in this Announcement and considers it to be reliable in the context in which it is reported. Mr. Gallik consents to the inclusion in this Announcement of the matters based on his information in the form and context in which it appears.

PREVIOUSLY REPORTED INFORMATION

This announcement contains information on the Mavis Lake Project extracted from ASX market announcements dated 25 October 2021, 16 June 2022, 21 July 2022, 13 September 2022, 25 October 2022, 31 October 2022, 20 December 2022, 23 January 2023, 9 February 2023, 27 March 2023, 3 April 2023, 16 June 2023, 27 June 2023, 17 July 2023, 24 July 2023, 21 August 2023, 13 September 2023, 19 September 2023, 19 October 2023, 24 October 2023, 2 November 2023, 15 November 2023, 13 February 2024, 18 March 2024, 17 April 2024, 2 May 2024, 22 May 2024, 29 May 2024, 2 July 2024, 8 July 2024, 24 July 2024, 22 August 2024, 28 October 2024, 30 October 2024, 2 December 2024 and 27 June 2025 reported in accordance with the 2012 JORC Code and available for viewing at www.criticalresources.com.au. The Company confirms that it is not aware of any new information or data that materially affects the information included in any original ASX market announcement.

This document contains information relating to the Mineral Resource estimate for the Mavis Lake Lithium Project is extracted from the Company's ASX announcement dated 5 May 2023 and reported in accordance with the 2012 JORC Code and available for viewing at criticalresources.com.au. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original announcement and that all material assumptions and technical parameters underpinning the Mineral Resource estimate continue to apply and have not materially changed.

This information in this ASX Announcement that relates to the Halls Peak Mineral Resource Estimate is extracted from ASX market announcement dated 30 June 2023 and reported in accordance with the 2012 JORC Code and available for viewing at criticalresources.com.au. The Company confirms that it is not aware of any new information or data that materially affects the information included in any original announcement and that all material assumptions and technical parameters underpinning the estimates in the original market announcement continue to apply and have not materially changed.

FORWARD LOOKING STATEMENTS

This announcement may contain certain forward-looking statements and projections. Such forward-looking statements/projections are estimates for discussion purposes only and should not be relied upon. Forward-looking statements/projections are inherently uncertain and may therefore differ materially from results ultimately achieved. Critical Resources Limited does not make any representations and provides no warranties concerning the accuracy of the projections and disclaims any obligation to update or revise any forward-looking statements/projections based on new information, future events or otherwise, except to the extent required by applicable laws. While the information contained in this report has been prepared in good faith, neither Critical Resources Limited or any of its directors, officers, agents, employees or advisors give any representation or warranty, express or implied, as to the fairness, accuracy, completeness or correctness of the information, opinions and conclusions contained in this announcement.

*Exploration Target Cautionary Statement

Exploration Target Cautionary Statement, refer to ASX announcement dated 22 May 2024. Table 1 (below) provides a summary of the Exploration Target including tonnage and grade ranges of each key Prospect ready to be drill tested.

Summary of Project Exploration Target

Prospect	Tonnes Range (Mt)		Li_2O Range (%)	
	Minimum	Maximum	Minimum	Maximum
Main Zone Extension Exploration Target	8	14	1	1.2
Gullwing Exploration Target	7	10	0.3	1.2
Tot Exploration Target	3	5	0.8	1.2
Project Exploration Target	18	29	0.8	1.2

Table 1 *– Summary of Project Exploration Target*

The Exploration Target is derived from exploration potential at the Mavis Lake Main Zone (where the current MRE is located) while also introducing the exploration potential of the Northern Prospects, centered on the Gullwing and Tot pegmatites. The Exploration Target is based on interpretation of exploration completed to date (see summary of ASX releases below) and includes:

- 287 diamond drill holes throughout the entirety of the Mavis Lake Project Area, including:
  - 44,179m of drill data generated by Critical Resources;
  - 6,829m of drilling data generated by other parties; and
  - 9,454m of drill core samples.
- 2,032 samples taken at surface, from bedrock throughout the Mavis Lake Project Area;
- 1,346 Mobile Metal Ion (MMI) Soil samples;
- Regional and detailed geological mapping;
- Airborne magnetics, radiometrics, very-low frequency (VLF) surveys;
- Wireframing of inferred resource shapes at the Main Zone; and
- Internal 3D geological modeling and wireframing for projection purposes.

The Exploration Target includes the entirety of the Mavis Lake Project Area, but its primary focus is on known pegmatites that have proven significant lithium mineralisation from spodumene. Geological modelling and wireframing of the pegmatites included in the exploration model derived from inferred resource shapes, outcropping pegmatites including structural measurements and detailed geological interpretations. Tonnage was estimated by calculating the volume of the wireframes and multiplying by a density of 2.7 tonnes/m^3. The weighted average grade was calculated from lithium assays from previous drilling and geochemical samples from the outcropping pegmatites at surface. Northern Prospects sample 159082, 157856, 347562 refer to ASX announcement dated 20 December 2022. Tot Pegmatite channel samples refer to ASX announcement dated 22 August 2024

Appendix A

Table 1 – All of the previous bedrock grabs samples conducted by Bounty Gold and Last Resort Resources in 2023

Sample ID	Property Name	Easting	Northing	Lithology	Li_2O	Ta_2O_5	Li	Cs	K/Rb
271579	Gullwing-Tot	536433.26	5531865.1	PEG	0	3	7.3	109	22
271580	Gullwing-Tot	536442.33	5531659.2	PEG	0.01	10	26.3	26.4	30
271581	Gullwing-Tot	535204.36	5531456	PEG	0.01	26	33.7	10.98	40
271582	Gullwing-Tot	534828.26	5531606.8	PEG	0.01	23	26.9	50.38	24
271583	Gullwing-Tot	534682.12	5531666.6	PEG	0	20	6.7	46.14	30
271584	Gullwing-Tot	535682.21	5531744.3	PEG	0.01	35	32.3	85.51	18
E00105616	Gullwing-Tot	536650.05	5532145	PEG	0	38	14.1	3.39	53
E00105617	Gullwing-Tot	536441.01	5531864	PEG	0.01	30	32.4	20.12	22
E00105618	Gullwing-Tot	534736.02	5531542	PEG	0	3	9.8	9.16	62
E00105619	Gullwing-Tot	535676.05	5531725.1	PEG	0.01	21	24.4	21.52	16
E00105780	Gullwing-Tot	535690	5531709	PEG	0.01	16	34.8	36.22	18
E00105526	Laval	542176.71	5519255	GRA	0	3	19.2	8.46	86
E00105527	Laval	542039.99	5519096.6	GRA	0	6	20.6	4.35	82
E00105528	Laval	542698.69	5521551.2	PEG	0	16	11.3	5.43	53
E00105529	Laval	542711.97	5521568.2	PEG	0	34	13.4	11.48	37
E00105530	Laval	542716.14	5521148	PEG	0	4	22.4	4.54	115
E00105531	Laval	542722.92	5521147	PEG	0	3	23	4.39	132
E00105532	Laval	542731.9	5521148	PEG	0.01	15	51	15.48	54
E00105533	Laval	542740.11	5521098.5	PEG	0.01	3	63.1	6.63	85
E00105534	Laval	542670.24	5521078.2	PEG	0.01	5	46.8	8.53	90
E00105535	Laval	541918.51	5520145.1	PEG	0.01	2	50.9	6.63	125
E00105536	Laval	541946.04	5520218	PEG	0.01	4	69.3	12.74	110
E00105782	Laval	543142	5521777	PEG	0	16	9.3	5.52	68
E00105783	Laval	543142	5521776	MSED	0.03	1	125	17.28	41
E00105784	Laval	543194	5521670	PEG	0.01	5	23.8	3.01	77
E00105785	Laval	543480	5522058	PEG	0.01	16	34.2	6.25	69
E00105801	Laval	543443	5521966	PEG	0.01	3	35.8	3.75	104
272501	Satellite	533476.11	5539655.1	PEG	0.01	17	45	20.63	24
272502	Satellite	533459.9	5539654.2	PEG	0.01	19	54	29.55	19
E00105522	Satellite	532994.87	5539303.5	GRA	0	14	8.4	7.12	37
E00105523	Satellite	532862.87	5539141.3	PEG	0	24	16.5	13.88	41
E00105524	Satellite	532700.75	5538649.8	PEG	0	22	22.1	15.23	35
E00105525	Satellite	532644.63	5538635.3	PEG	0.01	46	37.1	34.42	23
E00105615	Satellite	532453.01	5538494	PEG	0.01	38	31.1	34.69	18
E00105518	Webb East	531465.96	5525504.2	PEG	0	29	11.4	25.95	26
E00105519	Webb East	531630.81	5525497	PEG	0	48	10	20.54	34
E00105521	Webb East	531630.81	5525497	MSED	0.01	25	27.3	18.05	69
E00105781	Webb East	545030	5531659	MVOL	0	0	15.1	1.87	246
E00105786	Webb East	545224	5531800	MVOL	0	0	13.3	0.39	432
E00105932	Webb East	532029.46	5525111.5	MSED	0.01	0	28	4.01	307
E00105933	Webb East	532269.2	5525078.5	PEG	0	91	5.9	89.91	16
E00105934	Webb East	532257.03	5525039.7	MSED	0.01	1	69	4.79	178

E00105935	Webb East	532256.89	5525339.2	PEG	0	32	5.2	28.82	23
E00105936	Webb East	532139.73	5525277.7	PEG	0	114	10	60.22	59
E00105937	Webb East	533838.37	5526371.4	PEG	0	137	6	43.1	31
E00105938	Webb East	533935.15	5526518.6	PEG	0	208	5.9	58.14	29
E00105939	Webb East	534091.08	5526712.7	PEG	0	91	1.5	13.68	103
E00105941	Webb East	534107.05	5526715.1	PEG	0	21	3.7	14.53	54
E00105942	Webb East	534116.61	5526717.4	MSED	0.03	1	132	48.61	180
E00109997	Webb East	533918	5526503	Peg	0	239	6.5	65.63	35
E00109998	Webb East	533918	5526504	MSED	0.02	3	76.5	20.71	77
E00105776	Webb West	526546	5525301	GRA	0	6	16.1	12.82	97
E00105777	Webb West	526316	5525080	PEG	0	1	13	12.96	211
E00105778	Webb West	526315	5525083	MSED	0.02	1	82.6	24.82	73
E00105779	Webb West	526701	5525204	PEG	0.01	2	33.5	17.65	222

Table 2 – 2023 LIBS muscovite samples taken on newly acquired claim blocks taken by Bounty Gold and Last Resort

Sample ID	Property Name	UTM Zone	Easting	Northing	Li (ppm)	Cs (ppm)	Ta (ppm)	K/Rb
LIBS23MUSC00524	Gullwing-Tot	15	535675	5531723	1331.2	1284	125.6	17
LIBS23MUSC00519	Gullwing-Tot	15	535683	5531745	1088.4	1671.4	46.6	16.7
LIBS23MUSC00518	Gullwing-Tot	15	535684	5531732	1214.4	846.6	23.4	18.6
LIBS23MUSC00523	Gullwing-Tot	15	535688	5531776	1307.2	1220	25.9	18.6
LIBS23MUSC00517	Gullwing-Tot	15	535689	5531770	1510.6	1626.2	110.5	14.5
LIBS23MUSC00520	Gullwing-Tot	15	536422	5531729	1711.5	494	24.2	19.5
LIBS23MUSC00521	Gullwing-Tot	15	536423	5531724	1683.9	497	50.3	18.7
LIBS23MUSC00522	Gullwing-Tot	15	536431	5531847	1158.7	1099	26.5	19.6
LIBS23MUSC00025	Laval	15	542732	5521148	560.9	72.2	142.2	32.6
LIBS23MUSC00026	Laval	15	543191	5521676	425.3	91.8	156.4	31.2
LIBS23MUSC00516	Satellite	15	532457	5538494	381.2	337.3	8	12.7
LIBS24MUSC0161	Satellite	15	533458	5539656	665.4	179.4	19.3	14.6
LIBS24MUSC0160	Satellite	15	533475	5539662	542.6	263.3	0	15.1
LIBS23MUSC00452	Webb East	15	532140	5525279	258.7	1543.2	0	16.5
LIBS23MUSC00449	Webb East	15	532256	5525338	259.1	835.1	0	14.5
LIBS23MUSC00451	Webb East	15	532269	5525079	243.2	1330.6	0	15.1
LIBS23MUSC00450	Webb East	15	532354	5525117	235.4	1196.1	0	17.4
LIBS23MUSC00453	Webb East	15	533957	5526642	243.6	458.4	0	31.5

Table 3 – 2023 and historic available grab samples within newly acquired Red Hat Claim Group

Sample Number	Easting	Northing	Au (ppb)	Au (ppm)
RED-22-JA-001	541530	5538482	2094	2.094
RED-22-JA-002	542099	5538240	5	0.005
RED-22-JA-003	542342	5539379	17	0.017
RED-22-JA-004	539846	5538656	17	0.017
18951	540896	5538394	108	0.108
18952	540630	5538231	33	0.033
18953	540604	5538368	475	0.475
18954	540568	5538363	1930	1.93

18955	540491	5538233	83	0.083
18956	540026	5538708	990	0.99

Table 4 – Previous drill hole collar table of drilling. Note: No notable results were obtained for any element.

Hole ID	Easting	Northing	Azimuth	Dip	Elevation	Length
RH11-01	540344	5538235	160	-55	414	195.2
RH11-02	540545	5538419	160	-55	384	198.4
RH11-04	540587	5538304	340	-55	396	161.6
30-4-01	543015.61	5538723.6	180	-50	N/A	124.09

Appendix B

Table 5 – *Tenement table of newly acquired claims from Bounty Gold and Last Resort Resources*

Claim Number	Previous Holder	Claim Number	Previous Holder
885263	(100) BOUNTY GOLD CORP.	949580	(100) BOUNTY GOLD CORP.
885239	(100) BOUNTY GOLD CORP.	896429	(100) LAST RESORT RESOURCES LTD.
885245	(100) BOUNTY GOLD CORP.	896423	(100) LAST RESORT RESOURCES LTD.
885248	(100) BOUNTY GOLD CORP.	896414	(100) LAST RESORT RESOURCES LTD.
885259	(100) BOUNTY GOLD CORP.	896433	(100) LAST RESORT RESOURCES LTD.
885249	(100) BOUNTY GOLD CORP.	885275	(100) BOUNTY GOLD CORP.
949530	(100) BOUNTY GOLD CORP.	885252	(100) BOUNTY GOLD CORP.
949568	(100) BOUNTY GOLD CORP.	885233	(100) BOUNTY GOLD CORP.
949548	(100) BOUNTY GOLD CORP.	885247	(100) BOUNTY GOLD CORP.
896427	(100) LAST RESORT RESOURCES LTD.	885234	(100) BOUNTY GOLD CORP.
896420	(100) LAST RESORT RESOURCES LTD.	885242	(100) BOUNTY GOLD CORP.
926936	(100) LAST RESORT RESOURCES LTD.	885255	(100) BOUNTY GOLD CORP.
896424	(100) LAST RESORT RESOURCES LTD.	885235	(100) BOUNTY GOLD CORP.
896426	(100) LAST RESORT RESOURCES LTD.	885244	(100) BOUNTY GOLD CORP.
885272	(100) BOUNTY GOLD CORP.	949529	(100) BOUNTY GOLD CORP.
885237	(100) BOUNTY GOLD CORP.	949536	(100) BOUNTY GOLD CORP.
885236	(100) BOUNTY GOLD CORP.	949542	(100) BOUNTY GOLD CORP.
885264	(100) BOUNTY GOLD CORP.	949544	(100) BOUNTY GOLD CORP.
885253	(100) BOUNTY GOLD CORP.	949537	(100) BOUNTY GOLD CORP.
885277	(100) BOUNTY GOLD CORP.	949549	(100) BOUNTY GOLD CORP.
949552	(100) BOUNTY GOLD CORP.	949555	(100) BOUNTY GOLD CORP.
949531	(100) BOUNTY GOLD CORP.	949541	(100) BOUNTY GOLD CORP.
949545	(100) BOUNTY GOLD CORP.	949585	(100) BOUNTY GOLD CORP.
949554	(100) BOUNTY GOLD CORP.	896413	(100) LAST RESORT RESOURCES LTD.
949564	(100) BOUNTY GOLD CORP.	896431	(100) LAST RESORT RESOURCES LTD.
949547	(100) BOUNTY GOLD CORP.	896432	(100) LAST RESORT RESOURCES LTD.
949575	(100) BOUNTY GOLD CORP.	885238	(100) BOUNTY GOLD CORP.
949577	(100) BOUNTY GOLD CORP.	885231	(100) BOUNTY GOLD CORP.
949587	(100) BOUNTY GOLD CORP.	885274	(100) BOUNTY GOLD CORP.
949590	(100) BOUNTY GOLD CORP.	885269	(100) BOUNTY GOLD CORP.
896421	(100) LAST RESORT RESOURCES LTD.	885271	(100) BOUNTY GOLD CORP.
896422	(100) LAST RESORT RESOURCES LTD.	949567	(100) BOUNTY GOLD CORP.

926935	(100) LAST RESORT RESOURCES LTD.	949562	(100) BOUNTY GOLD CORP.
885258	(100) BOUNTY GOLD CORP.	949546	(100) BOUNTY GOLD CORP.
885241	(100) BOUNTY GOLD CORP.	949574	(100) BOUNTY GOLD CORP.
885276	(100) BOUNTY GOLD CORP.	949551	(100) BOUNTY GOLD CORP.
885267	(100) BOUNTY GOLD CORP.	949576	(100) BOUNTY GOLD CORP.
885243	(100) BOUNTY GOLD CORP.	949586	(100) BOUNTY GOLD CORP.
885262	(100) BOUNTY GOLD CORP.	926938	(100) LAST RESORT RESOURCES LTD.
885257	(100) BOUNTY GOLD CORP.	896428	(100) LAST RESORT RESOURCES LTD.
949571	(100) BOUNTY GOLD CORP.	926937	(100) LAST RESORT RESOURCES LTD.
949533	(100) BOUNTY GOLD CORP.	896425	(100) LAST RESORT RESOURCES LTD.
949569	(100) BOUNTY GOLD CORP.	896419	(100) LAST RESORT RESOURCES LTD.
949538	(100) BOUNTY GOLD CORP.	885265	(100) BOUNTY GOLD CORP.
949561	(100) BOUNTY GOLD CORP.	885240	(100) BOUNTY GOLD CORP.
949566	(100) BOUNTY GOLD CORP.	885232	(100) BOUNTY GOLD CORP.
949534	(100) BOUNTY GOLD CORP.	885260	(100) BOUNTY GOLD CORP.
949583	(100) BOUNTY GOLD CORP.	949557	(100) BOUNTY GOLD CORP.
949589	(100) BOUNTY GOLD CORP.	949532	(100) BOUNTY GOLD CORP.
926939	(100) LAST RESORT RESOURCES LTD.	949559	(100) BOUNTY GOLD CORP.
885273	(100) BOUNTY GOLD CORP.	949570	(100) BOUNTY GOLD CORP.
885230	(100) BOUNTY GOLD CORP.	949560	(100) BOUNTY GOLD CORP.
885251	(100) BOUNTY GOLD CORP.	949556	(100) BOUNTY GOLD CORP.
885279	(100) BOUNTY GOLD CORP.	949578	(100) BOUNTY GOLD CORP.
885266	(100) BOUNTY GOLD CORP.	949588	(100) BOUNTY GOLD CORP.
885256	(100) BOUNTY GOLD CORP.	949584	(100) BOUNTY GOLD CORP.
885270	(100) BOUNTY GOLD CORP.	949582	(100) BOUNTY GOLD CORP.
949543	(100) BOUNTY GOLD CORP.	949540	(100) BOUNTY GOLD CORP.
949572	(100) BOUNTY GOLD CORP.	896416	(100) LAST RESORT RESOURCES LTD.
949563	(100) BOUNTY GOLD CORP.	896412	(100) LAST RESORT RESOURCES LTD.
949558	(100) BOUNTY GOLD CORP.	896417	(100) LAST RESORT RESOURCES LTD.
949573	(100) BOUNTY GOLD CORP.	896418	(100) LAST RESORT RESOURCES LTD.
949539	(100) BOUNTY GOLD CORP.	896415	(100) LAST RESORT RESOURCES LTD.
949565	(100) BOUNTY GOLD CORP.	810550	(50) BOUNTY GOLD CORP., (50) LAST RESORT RESOURCES LTD.
949581	(100) BOUNTY GOLD CORP.	810549	(50) BOUNTY GOLD CORP., (50) LAST RESORT RESOURCES LTD.
949579	(100) BOUNTY GOLD CORP.	810555	(50) BOUNTY GOLD CORP., (50) LAST RESORT RESOURCES LTD.
926934	(100) LAST RESORT RESOURCES LTD.	810554	(50) BOUNTY GOLD CORP., (50) LAST RESORT RESOURCES LTD.
896430	(100) LAST RESORT RESOURCES LTD.	810558	(50) BOUNTY GOLD CORP., (50) LAST RESORT RESOURCES LTD.
885246	(100) BOUNTY GOLD CORP.	810560	(50) BOUNTY GOLD CORP., (50) LAST RESORT RESOURCES LTD.
885268	(100) BOUNTY GOLD CORP.	810553	(50) BOUNTY GOLD CORP., (50) LAST RESORT RESOURCES LTD.
885250	(100) BOUNTY GOLD CORP.	810552	(50) BOUNTY GOLD CORP., (50) LAST RESORT RESOURCES LTD.
885278	(100) BOUNTY GOLD CORP.	810557	(50) BOUNTY GOLD CORP., (50) LAST RESORT RESOURCES LTD.
949535	(100) BOUNTY GOLD CORP.	810559	(50) BOUNTY GOLD CORP., (50) LAST RESORT RESOURCES LTD.
949553	(100) BOUNTY GOLD CORP.	810551	(50) BOUNTY GOLD CORP., (50) LAST RESORT RESOURCES LTD.
949550	(100) BOUNTY GOLD CORP.	810556	(50) BOUNTY GOLD CORP., (50) LAST RESORT RESOURCES LTD.

Table 6 – Recently staked claims by Critical Resources Limited

Claim Number	Holder	Claim Number	Holder
950107	(100) Canada Critical Resources Corp.	950139	(100) Canada Critical Resources Corp.
950125	(100) Canada Critical Resources Corp.	950136	(100) Canada Critical Resources Corp.
950111	(100) Canada Critical Resources Corp.	950098	(100) Canada Critical Resources Corp.
950131	(100) Canada Critical Resources Corp.	950091	(100) Canada Critical Resources Corp.
950096	(100) Canada Critical Resources Corp.	950100	(100) Canada Critical Resources Corp.
950133	(100) Canada Critical Resources Corp.	950110	(100) Canada Critical Resources Corp.
950144	(100) Canada Critical Resources Corp.	950101	(100) Canada Critical Resources Corp.
950108	(100) Canada Critical Resources Corp.	950104	(100) Canada Critical Resources Corp.
950094	(100) Canada Critical Resources Corp.	950145	(100) Canada Critical Resources Corp.
950121	(100) Canada Critical Resources Corp.	950106	(100) Canada Critical Resources Corp.
950115	(100) Canada Critical Resources Corp.	950109	(100) Canada Critical Resources Corp.
950117	(100) Canada Critical Resources Corp.	950132	(100) Canada Critical Resources Corp.
950122	(100) Canada Critical Resources Corp.	950089	(100) Canada Critical Resources Corp.
950142	(100) Canada Critical Resources Corp.	950116	(100) Canada Critical Resources Corp.
950123	(100) Canada Critical Resources Corp.	950090	(100) Canada Critical Resources Corp.
950087	(100) Canada Critical Resources Corp.	950118	(100) Canada Critical Resources Corp.
950112	(100) Canada Critical Resources Corp.	950119	(100) Canada Critical Resources Corp.
950113	(100) Canada Critical Resources Corp.	950092	(100) Canada Critical Resources Corp.
950085	(100) Canada Critical Resources Corp.	950099	(100) Canada Critical Resources Corp.
950086	(100) Canada Critical Resources Corp.	950088	(100) Canada Critical Resources Corp.
950105	(100) Canada Critical Resources Corp.	950103	(100) Canada Critical Resources Corp.
950137	(100) Canada Critical Resources Corp.	950138	(100) Canada Critical Resources Corp.
950134	(100) Canada Critical Resources Corp.	950143	(100) Canada Critical Resources Corp.
950140	(100) Canada Critical Resources Corp.	950120	(100) Canada Critical Resources Corp.
950147	(100) Canada Critical Resources Corp.	950130	(100) Canada Critical Resources Corp.
950124	(100) Canada Critical Resources Corp.	950084	(100) Canada Critical Resources Corp.
950093	(100) Canada Critical Resources Corp.	950127	(100) Canada Critical Resources Corp.
950102	(100) Canada Critical Resources Corp.	950095	(100) Canada Critical Resources Corp.
950126	(100) Canada Critical Resources Corp.	950114	(100) Canada Critical Resources Corp.
950129	(100) Canada Critical Resources Corp.	950128	(100) Canada Critical Resources Corp.
950141	(100) Canada Critical Resources Corp.	950097	(100) Canada Critical Resources Corp.
950148	(100) Canada Critical Resources Corp.	950146	(100) Canada Critical Resources Corp.
950135	(100) Canada Critical Resources Corp.		

JORC Code, 2012 Edition – Table 1

Section 1 Sampling Techniques and Data

(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.*	• Historical drilling from 1970s–1980s includes core samples assayed for gold, silver, and copper. • Channel sampling reported at the Red Hat showing. Proper publicly available data requires further investigation by the CRR team. • Previous drilling in 2011 returned near nil results on the claim group. Drill hole collar locations are stated in Table 4. • Recent LIBS (Laser-Induced Breakdown Spectroscopy) scanning used to measure potassium (K) and rubidium (Rb) ratios from surface pegmatite samples. • Bedrock grab samples have been taken historically up until 2022.
Drilling techniques	• *Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. 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.).*	• Historical diamond drilling by Selco (1979), Rio Tinto Canadian Exploration (1979), and unknown operator for DDH 70-3. • Abitibi Mining completed 3-hole, 455 meter BQTW diamond drill program testing for the mineralization at depth and other VTEM conductors. • Hole types and diameters not documented in detail. • Channel sampling program was stated however the actual report was not made public.
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.*	• Not reported in historical records. • Sample recovery and nature of samples are unknown. Further investigation by Critical Resources is required to make the previous drilling creditable in nature.
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.*	• 100% of the relevant intersections were logged. Historical drill holes were logged by prior operators; logging quality and methodology unknown.
Sub-sampling techniques	• *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*	• Sub-sampling techniques for historical core and channel samples not disclosed. • LIBS analysis conducted on small surface samples of muscovite mineral.

Criteria	JORC Code explanation	Commentary
and sample preparation	*sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling 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.*	
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 include instrument make and model, reading times, calibration 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.*	• Historical gold assays reported in g/t, and silver in oz/t. Analytical laboratories and QA/QC procedures from the 1970s are not documented. • 2011 channel sample report was not made publicly and only stated by future assessment reports stating the final results. • LIBS analysis is semi-quantitative and used for geochemical vectoring, not resource definition.
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, and data storage (physical and electronic) protocols.* • *Discuss any adjustments to assay data.*	• Historical data is being compiled and verified from assessment reports and archived logs. Unless stated otherwise. • No independent resampling or twin holes reported at this stage.
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.*	• Historical drill collar locations derived from maps and georeferenced to current basemaps where possible. • LIBS sample sites recorded via handheld GPS with ~5 m accuracy. • Note: The Red Hat channel sample location has an approximate georeferenced location of 540609E 5538342N, as the sample coordinates were not recorded in lodged exploration records. Follow up field work is required to determine accurate location.
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.*	• Historical drill holes were exploration-focused and not on a resource grid. • LIBS samples taken from multiple pegmatites for initial prospectivity assessment.
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 mineralised structures is considered to*	• Historical drilling orientation varies, generally perpendicular to foliation or mineralized structures. • Channel samples at Red Hat were taken across mineralized zones.

Criteria	JORC Code explanation	Commentary
	have introduced a sampling bias, this should be assessed and reported if material.	
Sample security	• *The measures taken to ensure sample security.*	• Historical data predates modern chain-of-custody protocols. • Current LIBS sampling was conducted under supervision of Critical Resources geologists.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• No external audits of historical data; company geologists are compiling and reviewing datasets for validation.

Section 2 Reporting of Exploration Results

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

Criteria	JORC Code explanation2	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.*	• CRR holds five granted Exploration Licences (EL4474, EL7679, EL9428, EL9429 • The Mavis Lake Lithium Project consists of 1097 unpatented Single Cell Mining Claims and six separate surface leases which secure the surface rights of the land required for the Project footprint. • All claims and leases are active and in good standing. The leases have a term of 21 years and are not set to expire until 2032, at which time they can be renewed for an additional 21 years if required. • Claims acquired from Bounty Gold and Last Resort Resources, now 100% held by Critical Resources. Claims are in good standing and contiguous with Mavis Lake Project.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	**All historical exploration records are publicly available via the Geological Survey of Ontario Website** • Previous exploration has been conducted by a number of parties including Lun-Echo Gold Mines Limited (1956), Selco Mining Corporation (1979-1980), Tantalum Mining Corporation of Canada Limited (1981-1982), Emerald Field Resources (2002), International Lithium Corp (2006-2021) and Pioneer Resources Limited/Essential Metals Limited (2018-2021). • New claims: - Selco, Rio Tinto Canadian Exploration, and other groups conducted drilling and sampling in the 1970s. - Assessment reports form the basis of historical data.
Geology	• *Deposit type, geological setting and style of mineralisation.*	• The Fairservice and Mavis Lake Prospects host zoned pegmatites that are prospective for lithium and tantalum. • - Area consists of metavolcanic and metasedimentary rocks intruded by pegmatites. - Lithium pegmatites are hosted in brittle structures and display strong fractionation. - Gold-silver-copper mineralization hosted in altered felsic-intermediate volcanic units.
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 *downhole 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*	• Mavis Lake Drill Hole Information reported in Appendix A – Table 2. • Tot Pegmatite Drill Hole information reported in Appendix A – Table 4. • All drill collars are re-surveyed at a later date upon completion of drill hole for accurate collar coordinates. • Historic Holes/Channels of newly acquired claims: • Bluett Lake - NE: 4.11 g/t Au over 1.22 m (1979 DDH, unnamed) • Red Hat: 1.1 g/t Au over 18 m (channel sample); 0.16% Cu over 79 m (DDH 70-3) • Centrefire Creek: 0.15 oz/t Ag in DDH 30-4-1

Criteria	JORC Code explanation2	Commentary
	Competent Person should clearly explain why this is the case.	
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.*	• Weighting of averaging techniques has been utilized. • No aggregations are reported. • No metal equivalents were used or calculated. • Historical assays reported as intervals. No top-cuts applied. • LIBS data reported as K/Rb ratios; no compositing performed.
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').*	• True width is calculated from logging geologists' structural measurements from upper and lower contacts of pegmatite dyke and the host rock. Both apparent downhole lengths and true widths are provided. • The precise geometry is not currently known but is being tested by the planned drilling, with diamond drill hole azimuths designed to drill normal to the interpreted mineralised structure. • Down-hole length reported, true width not known.
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.*	• Pertinent maps for this stage of Project are included in the release. • Coordinates in WGS84 • The drilling is aimed at clarifying the structure of the mineralisation. • A regional map and historical drill collar locations will accompany this release.
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.*	• Representative reporting of all relevant grades is provided in tables to avoid misleading reporting of Exploration Results. • All relevant historical results from known showings are disclosed.
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.*	• Overview of exploration data leading to selection of drill targets provided. • LIBS analysis confirms highly fractionated pegmatites, indicative of LCT-type mineralization. • Ongoing review of assessment files, geochemistry, and airborne data to support targeting.
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.*	• Review of exploration data for future drill testing • Maintaining the Mavis Lake Project Area in good standing for future lithium upswing • Plan and Budget future exploration programs. • Geological mapping and detailed prospecting of pegmatites and gold/base metal showings. • Soil and rock geochemistry, trenching, and potential confirmation drilling. • Desktop evaluations to prioritize multi-commodity targets.