ASX ANNOUNCEMENT

EVEREST METALS CORPORATION

4 July 2024

ASX: EMC

Directors

Mark Caruso
Robert Downey
David Argyle
Kim Wainwright

Capital Structure

163.3 million shares
5.0 million unlisted options
3.6 million performance rights

Projects

Revere (WA)
Mt Edon (WA)
Rover (WA)
Mt Dimer (WA)

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MT EDON DRILLING DELIVERS WORLD CLASS RUBIDIUM GRADES OF UP TO 0.54%

Highlights

- **JORC Resource RC Drilling Program of 1,266 metres completed in May 2024**
- **Drilling Program delivers high-grade Rubidium results up to 0.54% Rb_2O and Li_2O up to 1%**
- **Mineralisation remains open over strike length of 550m within 1.2km pegmatite corridor**
- **Significant results include:**
    - **MD 45 – 90m at 0.32% Rb_2O from 36m, including 28m at 0.45% Rb_2O from 60m**
    - **MD 35 – 103m at 0.22% Rb_2O from 23m to EOH at 126m remained open, including 10m at 0.40% Rb_2O from 41m**
    - **MD 48 – 36m at 0.28% Rb_2O from 66m**
    - **MD 24 – 40m at 0.22% Rb_2O from 8m**
    - **MD 40 – 33m at 0.22% Rb_2O from 21m, including 14m at 0.30% Rb_2O from 35m**
- **Mt Edon maiden JORC mineral resource preparation underway**
- **Lithium credits further enhance potential economics of the project, with the best intercept of:**
    - **MD 49 – 8m at 1% Li_2O from 57m**

CEO & Executive Chairman Mark Caruso commented:

"The resource drilling results solidifies EMC's Mt Edon project as one of, if not the highest-grade Rubidium projects in the world. The project is further enhanced by its location at Paynes Find directly adjacent to the Great Northern Highway, on a granted mining lease. We are excited to deliver an initial JORC resource in the coming weeks with an exploration target of 3.2-4.5 million tonnes grading at 0.23-0.35% Rb_2O[1]."

Cautionary Statement:

The potential quantity and grade of the Exploration Target is conceptual

[1] ASX: EMC announcement Mt Edon Exploration Target defined - Drilling to Recommence, dated 14 December 2023

in nature and as such there has been insufficient exploration drilling conducted to estimate a Mineral Resource. There is a low level of geological confidence associated with the Exploration Target due to the nuggety nature of the resource. There is currently no certainty that further bulk sampling and exploration will result in the determination of an inferred mineral. The Exploration Target has been prepared in accordance with the JORC Code (2012)

Everest Metals Corporation Ltd (ASX: EMC) (**"EMC"** or **"the Company"**) is pleased to announce drilling results of its Phase 1 Resource Drilling at the Mt Edon Critical Mineral Project (M59/714) located 5km southwest of Paynes Find, in the Mid-West region of Western Australia, approximately 420km northeast of Perth.

PHASE 1 RESOURCE DRILLING PROGRAMME

The Phase 1 Resource Drilling Program commenced early May 2024[2] and the drilling pattern was designed to complete a spacing of ~40m along strike, with the outcome being to define a mineralised wireframe and generate a maiden JORC 2012 Mineral Resource Estimate ("**MRE**"). Furthermore, to test the lateral extension of high-grade zones defined in the northeast corner of the Mt Edon tenement. The drilling program confirmed the existence of the main targets identified from the Deep Ground Penetration Radar ("**DGPR**") program[3] and their northeast-southwest structural trends in the northeast corner of the mining lease.

The drilling included 14 x Reverse Circulation ("**RC**") holes with an average depth of 90m. Drill collar information is outlined in Appendix 1. Samples collected during the recent drilling campaign were one-metre splits with 715 samples being sent to the ALS laboratory in Perth as well as Certified Registered Material ("**CRM**") and duplicate samples. Samples were assayed for a standard multi-element LCT pegmatite suite using the process of a 4-acid digest followed by Lithium Borate Fusion ICP-MS for detection.

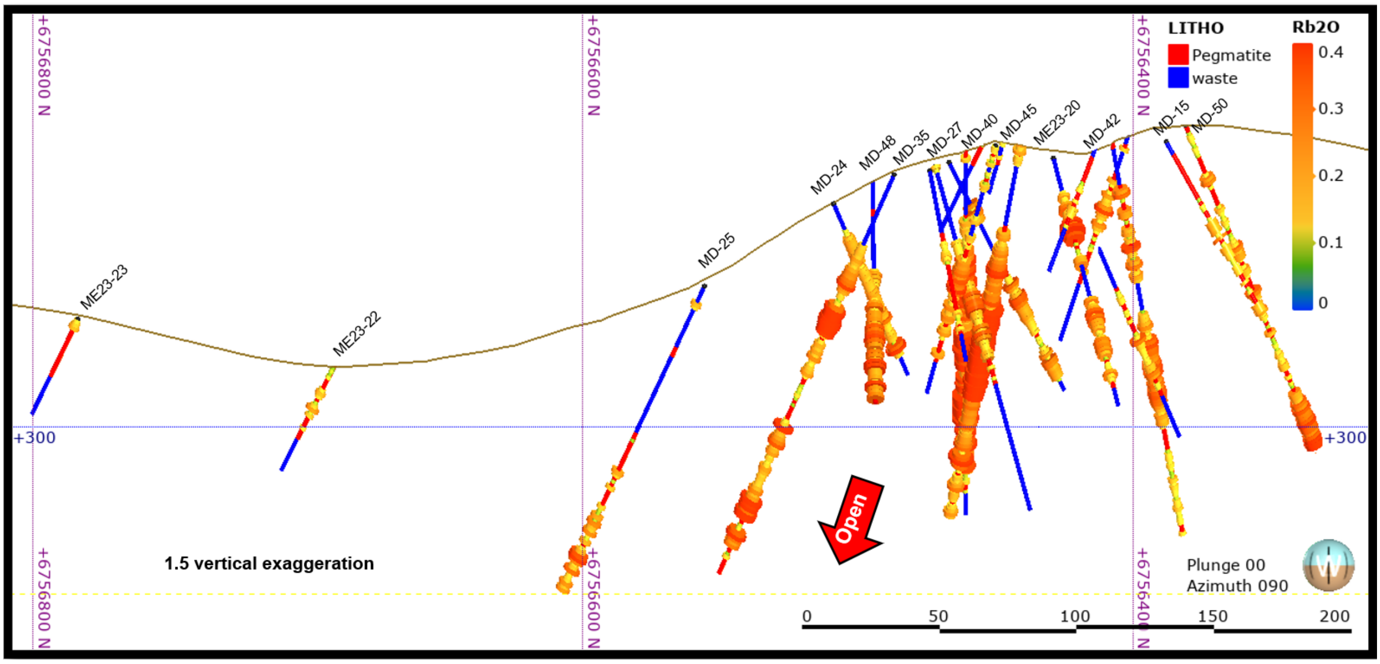

Figure 1: A Cross section looking southeast shows significant mineralised intersections over a 500m strike

[2] ASX: EMC announcement: Resource Drilling Commences At Mt Edon Critical Mineral Project, dated 10 May 2024
[3] ASX: EMC announcement: Deep Ground Penetration Radar (DGPR) Geophysical Survey Successfully Identifies Previously Undiscovered Pegmatite Targets at Mt Edon Project, dated 1 May 2023

between holes MD-50 and MD-25 in the northwest area of the Mt Edon Mining Lease

The Phase 1 Resource Drilling Program was very successful, and pegmatites were intersected in most of the drill holes, covering about 56% of samples (715m pegmatite vs 1,266m total drilled metres). Included in this program is a very thick pegmatite intersection of 125m from the surface in one drill hole (MD-50). Some of the thickest and highest grade intersections with grades above 0.15% Rb are outlined below:

- Hole MD-45) intersected **10 meters @ 0.18% Rb_2O and 0.22% Li_2O** from 5m and **90 meters @ 0.32% Rb_2O and 0.10% Li_2O** from 37m to end of hole at 126m-open, including **28 meters @ 0.45% Rb_2O** from 60m
- Hole MD-35) intersected **103 meters @ 0.20% Rb_2O and 0.12% Li_2O** from 22m, including **10 meters @ 0.40% Rb_2O** from 41m
- Hole MD-50) intersected **125 meters @ 0.17% Rb_2O and 0.10% Li_2O** from surface, including **32 meters @ 0.32% Rb_2O** from 84m
- Hole MD-42) intersected **23 meters @ 0.22% Rb_2O and 0.10% Li_2O** from 11 m and **28 meters @ 0.21% Rb_2O and 0.11% Li_2O** from 44 m
- Hole MD-48) intersected **36 meters @ 0.28% Rb_2O and 0.12% Li_2O** from 66 m
- Hole MD-49) intersected **23 meters @ 0.20% Rb_2O and 0.43% Li_2O** from 55 m, including **8 meters @ 1.00% Li_2O** from 57m
- Hole MD-25) intersected **30 meters @ 0.20% Rb_2O and 0.13% Li_2O** from 35 m
- Hole MD-27) intersected **6 meters @ 0.28% Rb_2O** from 13 m and **36 meters @ 0.21% Rb_2O** from 38 m
- Hole MD-40) intersected **33 meters @ 0.22% Rb_2O and 0.11% Li_2O** from 21m
- Hole MD-24) intersected **40 meters @ 0.22% Rb_2O and 0.13% Li_2O** from 8m

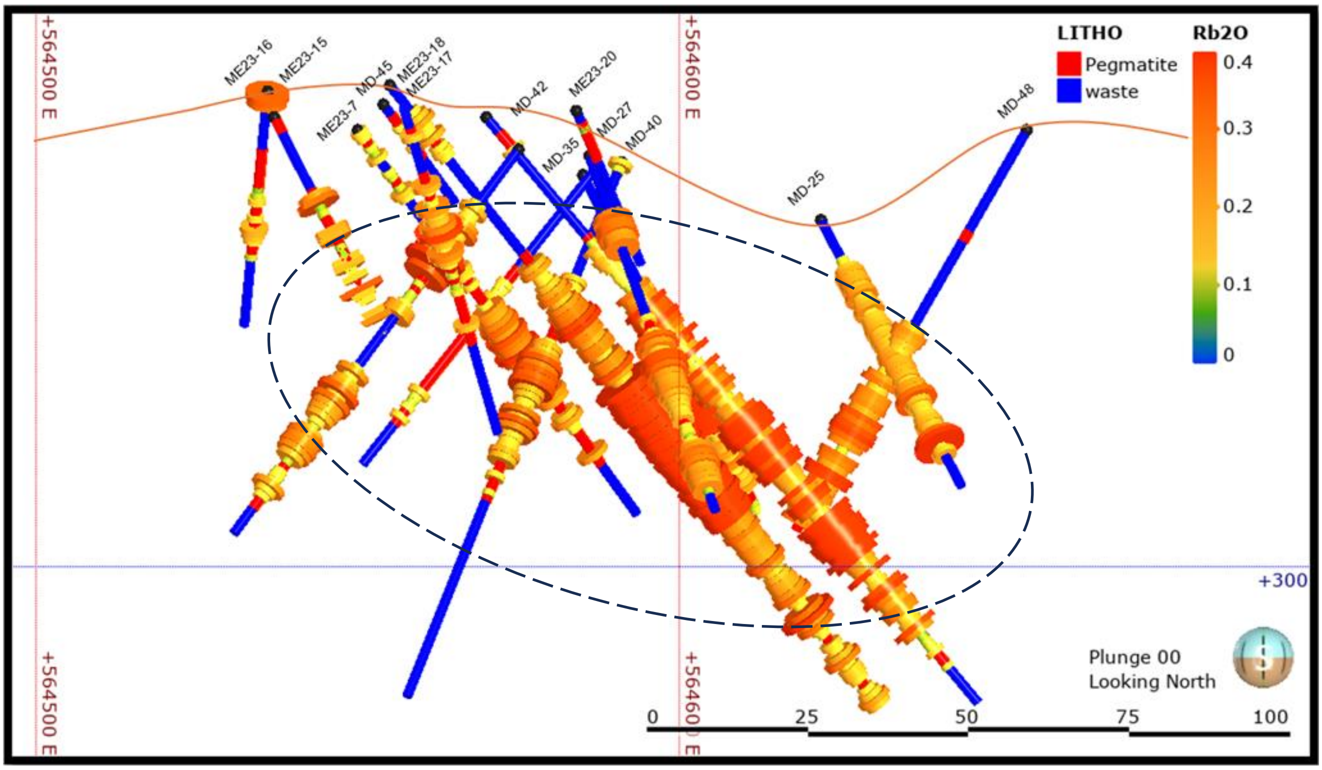

Figure 2: Cross section looking north shows significant near surface mineralised intersections between holes ME23-16 and MD-48

Geology and Mineralisation Interpretation

The Mt Edon mining lease area has proven LCT pegmatites zones, as well as historical mining for tantalum, beryl and microcline feldspar. The zonal nature of this pegmatite field has previously been defined with microcline feldspar (including amazonite) and more complex albite rich zones containing niobium and lithium. Muscovite-Lepidolite-Zinnwaldite (lithium mica) rich pegmatites have been previously identified. Most of the pegmatite's trend to the northeast but several cleavelandite-bearing pegmatites mapped the trend to the northwest. Pegmatites have variable compositions with K feldspar being dominant along the eastern side of the belt, with many being aplitic pegmatites. The pegmatites of Mt Edon are generally medium grained albite-quartz-muscovite mica zones with segregations of microcline-quartz-muscovite and small pods of lepidolite.

The drilling results shows significant anomalous LCT pegmatite elements that occur in association with rubidium with a maximum value **0.54% Rb_2O**, include maximum values in individual drilling assay **Li_2O at 3.1%, Cs at 544 ppm, Nb at 1775ppm and Ta at 618ppm** (Appendix 2). The most significant rubidium interval was intersected in hole MD-45, **90m at 0.32% Rb_2O and 0.10% Li_2O** from 37m to the end of the hole at 126m-open (dip 50 degrees), including **28m at 0.45% Rb_2O** from 60m. Additionally, hole MD-35 intersected **103m at 0.20% Rb_2O and 0.12% Li_2O** from 22m, including **10m at 0.40% Rb_2O** from 41m, located 50 meters south of MD-45 is another example of high grade rubidium mineralisation in a thick interval at Mt Edon pegmatites. Approximately 70m southwest of MD-35, hole MD-50 encountered **125m at 0.17% Rb_2O and 0.10% Li_2O** from the surface, including **32m at 0.32% Rb_2O** from 84m (Figure 3). Furthermore, the drilling results boasts Mt Edon as one of the highest grades of rubidium mineralisation systems and highlighted consistent near surface mineralisation over a strike of more than 550m from southwest to northeast. (Figure1).

Moreover, as mentioned above, lithium enhances the mineralisation system, with the best interval intercept in hole MD 49 intersected **8m at 1.00% Li_2O** from 57m. Significant well-developed muscovite-rich zones were observed while logging RC chip samples, and lepidolite mineralisation was detected in certain intervals. The alteration zone indicates a high Rb/Li ratio and is interpreted to have a component of rubidium mica. Also, the highest rubidium grades were in mica rich pegmatites. The Potassium / Rubidium (K/Rb) ratio in the entire pegmatite intersected in the holes reflects the degree of substitution of Rb for K in the mica's crystal structure (Appendix 2).

The Recent mineralogical studies indicated that muscovite (White Mica) is the mineral with the highest average rubidium contents in the samples, averaging 7,600ppm Rb (0.67% Rb)[4]. Additionally, over 160 samples from the Phase 1 Resource Drilling Program were submitted to the ALS laboratory quantitative determination of mineral abundance using Fourier-Transform Infra-Red ("**FTIR**") spectroscopy, results are pending. The Company is continuing geometallurgical testing and mineralogical studies to characterise the mineral assemblage of rubidium-bearing minerals at the Mt Edon pegmatite, alongside extraction metallurgical testing at ECU's Mineral Recovery Research Centre (MRRC) via Direct Rubidium Extraction method.

With the Phase 1 resource definition program completed, the Company expects to release the Mt Edon maiden JORC Mineral Resource in early August 2024. The Company has now commenced planning an infill and step out Resource Definition drilling program (Phase 2) designed to infill the existing targeted resource areas and step out the resource from the 550m extent of the known mineralised pegmatites (Figure 3). Phase 2 drilling is planned to commence in late September 2024 quarter.

A summary of important assessment and reporting criteria used for this Exploration Results announcement is provided in Appendix 3 – JORC Table 1 in accordance with the checklist in the Australian Code for the Reporting of Exploration Results, Mineral Resources, and Ore Reserves (The

[4] ASX: EMC announcement; Mt Edon World Class Rubidium Critical Mineral Project - Update, dated 1 July 2024

JORC Code, 2012 Edition). Criteria in each section apply to all preceding and succeeding sections.

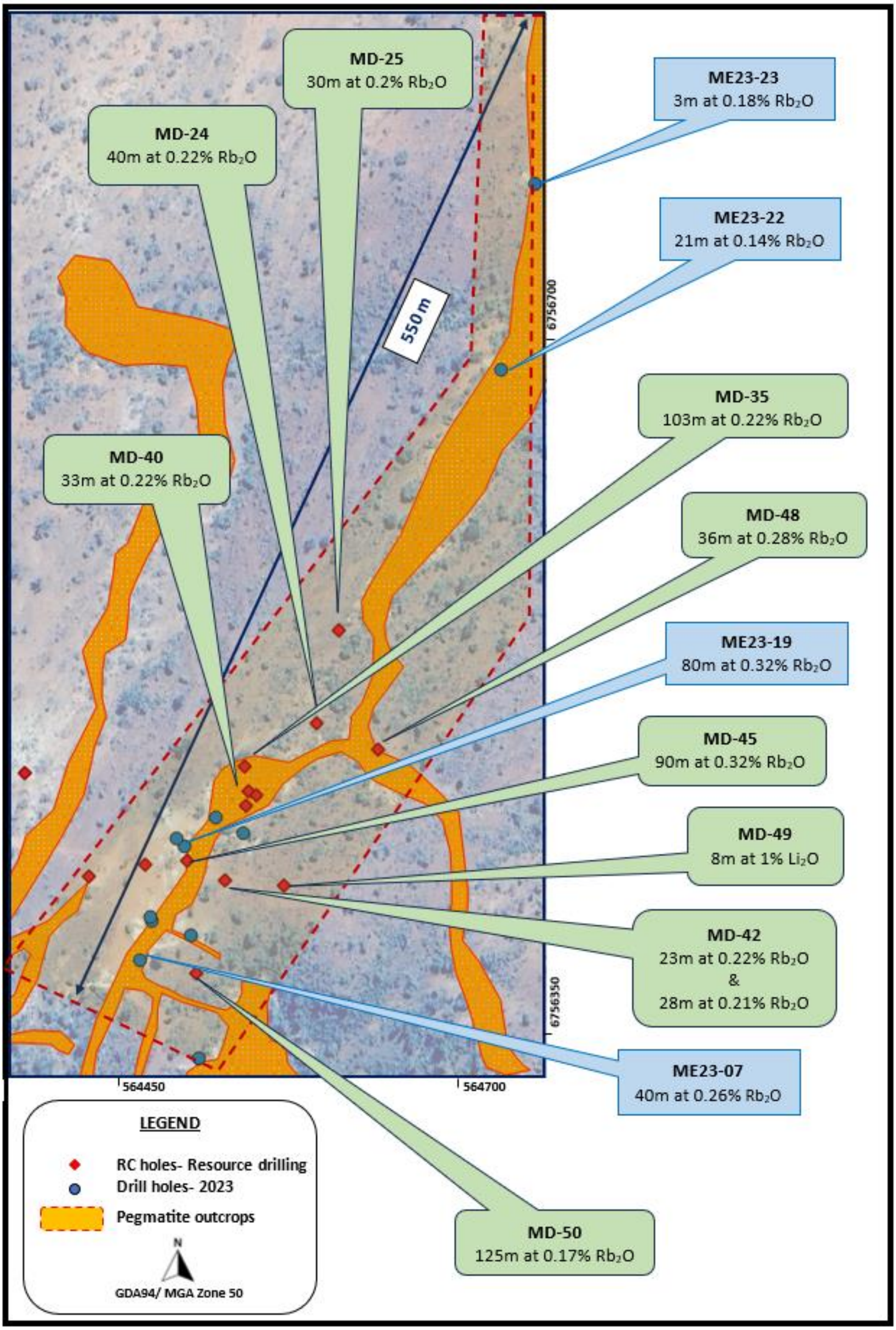

Figure 3: Location of RC drill holes located in the northeast portion of the Mt Edon mining lease (M59/714)

BACKGROUND

Mt Edon Pegmatite Project sits on mining lease M59/714 and covers the southern portion of the Paynes Find greenstone belt in the southern Murchison which hosts an extensive pegmatite field (Figure 4). There are several large irregular shaped felsic pegmatites which have intruded into the Paynes Find Greenstone Belt, a northeast trending sequence of mafic, ultramafic, and sedimentary rocks, with east-west structures cutting these metasediments. Pegmatites appear to be folded sills dipping in variable directions and angles and are connected at depth representing both sill and dyke structures. These prospective pegmatites have a northeast-southwest strike of up to 650m and occur along a 1.2km interval of the LCT Pegmatite corridor. Larger pegmatitic bodies appear less influenced by the underlying structural trends and fabrics, with many of these bodies cutting both structural fabrics. The larger pegmatitic bodies are interpreted as blowouts related to structural intersections.

Figure 4: Mt Edon mining lease location map

Two stages of RC drilling were completed at the Mt Edon mining lease in late May and early August 2023. During Stage-1 drilling in late May 2023, drill hole ME23-07 intersected a mixed zone of altered mafic host rock and 62m of pegmatite up to a depth of 111m and remained open. Geological logging of the chip samples highlighted well-developed muscovite-rich zones. Hole ME23-007 intersected over **40m at 0.26% Rb_2O** from 49m, including **19m at 0.33% Rb_2O** (0.43% Rb_2O + Li_2O)[5]. The entire mineralised intersection within ME23-007 indicates the highly fractionated and fertility of the pegmatite in the northeast corner of Mt Edon. The pegmatite body in this hole remained open at a depth of 111m (dip 60 degrees) and shows there is high potential for lateral extensions particularly toward the northeast.

Stage-2 drilling was designed to unlock the potential of a 600m pegmatite sitting along a northeast-southwest strike. This zone is interpreted to be a mineralised alteration zone located between the intrusive pegmatites and the mafic country rock. 10 x RC holes were drilled along this trend and all intercepted significant rubidium-lithium results. Hole ME23-019 intersected over **80m at 0.32% Rb_2O** from 25m, including **9m at 0.47% Rb_2O** from 87m and hole ME23-018 intersected **31m at 0.21% Rb_2O**

[5] ASX: EMC announcement; Mt Edon Drilling Results Confirms High Grade Rubidium, dated 13 July 2023

from 35m, including **7m at 0.34% Rb_2O** from 39m[6]. Additionally, findings from both the Stage-1 and Stage-2 drilling programs suggest that Mt Edon has the potential to be classified as a Rubidium-Lithium project[7].

In December 2023, the maiden Exploration Target was reported and was based on the results of exploration activities undertaken to date and supported by the drill hole database containing over 600m of reverse circulation drilling in the northeast corner of the Mt Edon mining lease, geological mapping, and estimation in accordance with the JORC Code (2012)[8]. The reported Exploration Target is exclusively defined by wide spaced drilling which is insufficient to support either indicated or inferred resource classification (Figure 5). Importantly, the Exploration Target does not include any untested targets along strike or at depth extensions which have yet to be drill tested as the absence of any material geological information is considered insufficient to estimate an Exploration Target at this time, however these areas provide excellent exploration potential given the Pegmatite zones, being the principal control on mineralisation, have been mapped over the entire Mt Edon project and will be drill tested in the next phases of the planned exploration program.

Initial Exploration Target comprises only the north-eastern corner of the Mt Edon mining lease, the surrounding mineralised area measuring approximately 450m x 100m. The estimate was limited to a vertical depth of about 100m below surface and highlights that Mt Edon may have the scale, grade, and other attributes to justify its continuing evaluation as a possible producer of a Rubidium concentrate that could then be processed for application in high technology manufacturing industries. The current Exploration Target (JORC 2012) ranges from **3.2 to 4.5 million tonnes with a grade of 0.23 to 0.35% Rb_2O and 0.08 to 0.12% Li_2O** (Table 1 and Figure 5).

Table 1- Mt Edon Exploration Target estimate summary

Category	Lower Limit (Mt)	Upper Limit (Mt)	Grade Range Rb_2O (%)	Grade Range Li_2O (%)
Exploration Target	3.2	4.5	0.23 - 0.35	0.08 - 0.12

- All tabulated data have been rounded
- The potential quantity and grade of mineralisation is conceptual in nature
- The Exploration Target is reported as a range of grade and tonnages for the project based on drillhole data statistical confidence limits and various assumptions of continuity

Cautionary Statement:

The Exploration Target has been prepared and reported in accordance with the 2012 edition of the JORC Code. The potential quantity and grade of the Exploration Target is conceptual in nature. There has been insufficient exploration to estimate a Mineral Resource. It is uncertain if further exploration will result in the estimation of a Mineral Resource.

[6] ASX: EMC announcement Mt Edon Drilling Program Continues to Deliver, 80m High Grade Rubidium Intersection with Associated Lithium, dated 21 September 2023

[7] The high grade intersected Rubidium is in line with world class Rubidium occurrences including the Karibib pegmatite deposit in Namibia (8.9 Mt at 0.23%Rb) and Guobaoshan deposit in China (234 Mt at 0.12%Rb).

[8] ASX: EMC announcement Mt Edon Exploration Target defined, supporting resource drilling commencement, Continued high grade rubidium-lithium assays from surface, dated 14 December 2023

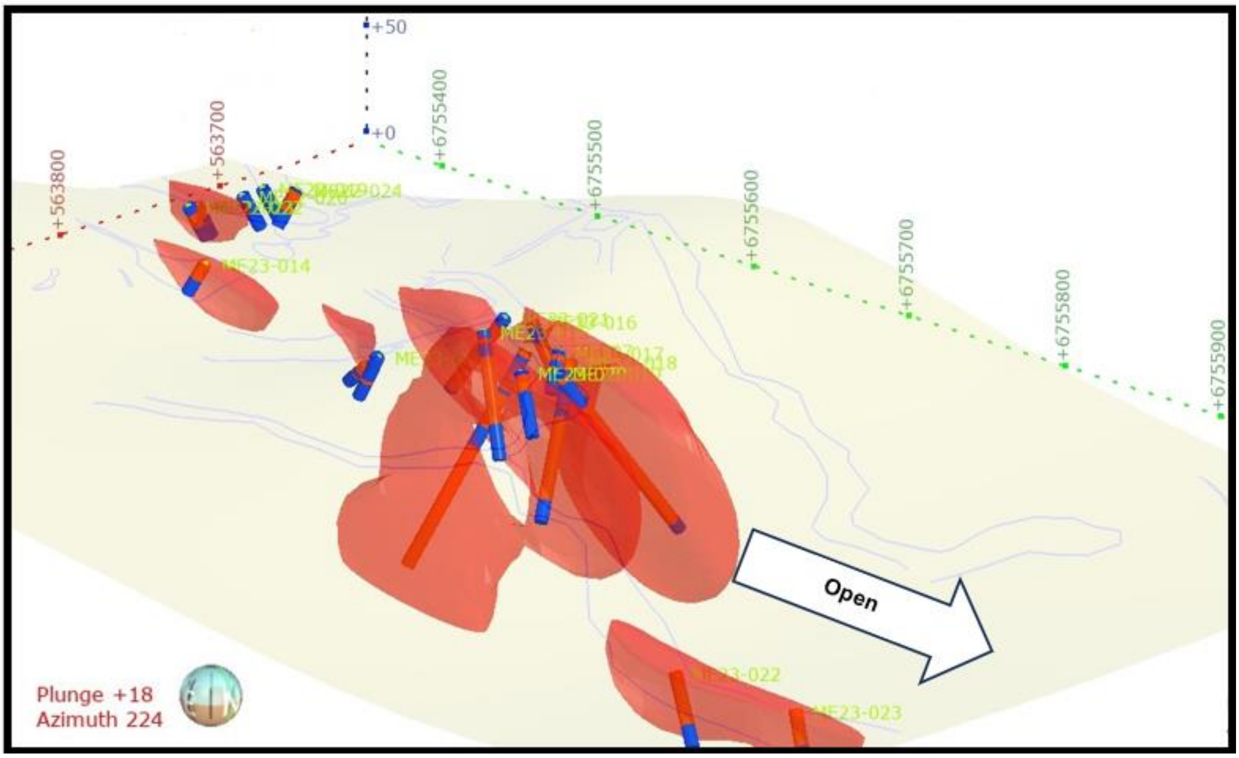

Figure 5: Wireframe encompassing the mineralised holes at the Mt Edon tenement

RESEARCH AGREEMENT

On 26 February 2024 Edith Cowan University ("ECU") and EMC executed a Research Agreement ("Agreement") for studies in relation to the Extraction of Rubidium and Mica from Mt Edon ore[9]. The research activities will be undertaken at ECU's Mineral Recovery Research Centre ("MRRC") for a period of 12 months. The Direct Rubidium Extraction test work and studies will utilise advanced processes such as ion exchange. This project focuses on extracting the Rubidium and Mica from ore by using a Direct Rubidium Extraction technology. Due to the increasing need for sustainable and environmentally friendly extraction processes, these studies aim to develop a state-of-the-art extraction technique that maximise the recovery of Rubidium and Mica. By selecting suitable Cations and optimising operating conditions, the project aims to achieve maximum Rubidium and Mica extraction by utilising a cost effective and environmentally friendly method. This approach will leverage cutting-edge technologies, innovative methodologies, and industry best practices to ensure a sustainable and profitable extraction process. The process encompasses purification and refining, ultimately leading to the conversion into a final product such as Rubidium salt, and metal, and Mica. Under the Research agreement any intellectual property rights deriving from the project will be owned by EMC. As part of this study, critical assessment of the feasibility and potential enhancements of the Direct Rubidium Extraction method will be done. This will allow EMC and ECU to jointly apply for the Cooperative Research Centres Projects ("CRC-P") Grants to scale up the process technology. The Company expenditure for this project will be eligible for Federal Government Research and Development ("R&D") Tax Incentive thereby having a nil cash impost to EMC.

[9] ASX: EMC;EMC To Advance Mt Edon Critical Mineral Project Through Rubidium And Industrial Mica Product Development, dated 27 February 2024

NEXT STEPS

- **Maiden Mineral Resource Estimate at Mt Edon in early August 2024**
- **Rubidium Extraction Test work results in Mid Q3-2024**
- **Phase 2 Resource Drilling in late Q3-2024**

The Board of Everest Metals Corporation Ltd authorised the release of this announcement to the ASX.

For further information please contact:

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Competent Person Statement

The information in this report related to Exploration results is based on information compiled and approved for release by Mr Bahman Rashidi, who is a member of the Australasian Institute of Mining and Metallurgy (AusIMM) and a Registered Professional Geoscientist (RPGeo) in the field of Mineral Exploration and Industrial Minerals with the Australian Institute of Geoscientists (AIG). Mr Rashidi is chief geologist and a full-time employee of the Company. He is also a shareholder of Everest Metals Corporation. He has sufficient experience which is relevant to the style of mineralisation and types of deposit under consideration and to the activity, he is undertaking to qualify as a Competent Person in accordance with the JORC Code (2012). The information from Mr Rashidi was prepared under the JORC Code (2012). Mr Rashidi consents to the inclusion in this ASX release in the form and context in which it appears.

Forward Looking and Cautionary Statement

This report may contain forward-looking statements. Any forward-looking statements reflect management's current beliefs based on information currently available to management and are based on what management believes to be reasonable assumptions. It should be noted that a number of factors could cause actual results, or expectations to differ materially from the results expressed or implied in the forward-looking statements.

The interpretations and conclusions reached in this report are based on current geological theory and the best evidence available to the authors at the time of writing. It is the nature of all scientific conclusions that they are founded on an assessment of probabilities and, however high these probabilities might be, they make no claim for complete certainty. Any economic decisions that might be taken based on interpretations or conclusions contained in this report will therefore carry an element of risk. This report contains forward-looking statements that involve several risks and uncertainties. These forward-looking statements are expressed in good faith and believed to have a reasonable basis. These statements reflect current expectations, intentions or strategies regarding the future and assumptions based on currently available information.

Should one or more of the risks or uncertainties materialise, or should underlying assumptions prove incorrect, actual results may vary from the expectations, intentions and strategies described in this report. No obligation is assumed to update forward-looking statements if these beliefs, opinions, and estimates should change or to reflect other future developments.

About Everest Metals Corporation

Everest Metals Corporation Ltd (EMC) is an ASX listed Western Australian resource company focused on discoveries of Gold, Silver, Base Metals and Critical Minerals in Tier-1 jurisdictions. The Company has high quality Precious Metal, Battery Metal, Critical Mineral Projects in Australia and the experienced management team with strong track record of success are dedicated to the mineral discoveries and advancement of these company's highly rated projects.

REVERE GOLD PROJECT: is located in a proven prolific gold producing region of Western Australia along an inferred extension of the Andy Well Greenstone Shear System with known gold occurrences and strong Coper/Gold potential at depth. (JV – EMC at 51% earning up to 100%[10])

MT EDON PROJECT: is located in the Southern portion of the Paynes Find Greenstone Belt – area known to host swarms of Pegmatites and highly prospective for Critical Metals. The project sits on granted Mining Lease.
(JV – EMC at 51% earning up to 100%)

ROVER PROJECT: is located in a Base Metals and Gold rich area of Western Australia' Goldfields, associated with Archean Greenstone belts.

MT DIMER GOLD PROJECT: is located around 125km north-east of Southern Cross, the Mt Dimer Gold & Silver Project comprises a mining lease, with historic production and known mineralisation, and adjacent exploration license.

[10] ASX:EMC announcement EMC to Acquire up to 100% of Revere Gold Project, dated 11 January 2023

Appendix 1- Details of RC Resource drilling completed – Phase 1

Hole_ID	Easting MGA94	Northing MGA94	Height (m)	Depth (m)	Dip (degrees)	Azimuth (degrees)
MD-36	564472	6756484	361	96	-50	120
MD-37	564474	6756483	361	48	-60	42
MD-50	564560	6756381	373	131	-50	137
MD-46	564505	6756431	372	97	-50	140
MD-49	564605	6756426	351	114	-50	250
MD-42	564575	6756429	365	78	-50	242
MD-45	564555	6756439	375	126	-50	70
MD-39	564587	6756474	362	60	-50	250
MD-40	564591	6756472	363	96	-60	224
MD-27	564586	6756467	364	72	-50	155
MD-35	564585	6756487	361	126	-50	38
MD-24	564622	6756509	354	54	-50	141
MD-48	564654	6756495	368	72	-60	268
MD-25	564634	6756556	334	96	-50	33

- Grid is GDA94 - Zone 50

Appendix 2- Results of RC Resource drilling at Mt Edon

Hole ID	Start From	End To	Sample No.	K2O %	Cs ppm	Nb ppm	Sn ppm	Ta ppm	Li_2O %	Rb_2O %	$Rb_2O + Li_2O$ %
MD-46	50	51	4139	1.16	66	22	8	6.7	0.071	0.073	0.144
MD-46	51	52	4140	1.92	30.8	31	12	8.8	0.052	0.101	0.153
MD-46	52	53	4141	2.2	26.9	34	14	9.7	0.050	0.113	0.163
MD-46	53	54	4142	2.99	32.5	34	14	9.2	0.052	0.154	0.205
MD-46	54	55	4143	2.24	52.7	72	15	23.5	0.093	0.146	0.239
MD-46	55	56	4144	1.08	29.8	67	9	34.7	0.050	0.059	0.109
MD-46	56	57	4145	1.4	30.3	65	7	33.5	0.054	0.071	0.124
MD-46	57	58	4146	2.31	42.8	75	5	50.9	0.043	0.113	0.156
MD-46	58	59	4147	2.57	42.9	44	<5	33.6	0.041	0.120	0.161
MD-46	59	60	4148	1.41	29.9	42	6	21.3	0.050	0.073	0.123
MD-46	60	61	4149	3.18	37.9	12	<5	7.3	0.054	0.135	0.188
MD-46	61	62	4150	1.11	40.4	24	6	16	0.078	0.056	0.133
MD-46	62	63	4151	1.29	25.9	23	5	10	0.069	0.059	0.128
MD-46	63	64	4152	1.38	34.4	33	7	14.4	0.090	0.071	0.161
MD-46	64	65	4153	1.8	43	36	8	17.4	0.082	0.094	0.176
MD-46	65	66	4154	2.92	58.1	38	7	19.2	0.069	0.139	0.208
MD-46	66	67	4155	6.41	87.4	28	<5	17.6	0.052	0.337	0.389
MD-46	67	68	4156	4.04	59.1	57	7	26.6	0.082	0.188	0.270
MD-46	68	69	4157	4.13	58.4	61	10	25.8	0.103	0.196	0.300
MD-46	69	70	4158	2.99	42.9	93	10	55	0.097	0.147	0.244
MD-46	70	71	4159	2.89	45.2	83	7	47.3	0.084	0.140	0.224
MD-46	71	72	4160	2.68	37.4	66	7	31.6	0.075	0.123	0.198
MD-46	72	73	4161	2.62	54	121	8	60.7	0.084	0.126	0.210
MD-46	73	74	4162	2.94	67.1	126	12	69.2	0.108	0.158	0.266
MD-46	74	75	4163	3.68	98.7	102	16	61.3	0.127	0.229	0.356
MD-46	75	76	4164	4.25	87.6	81	11	55	0.090	0.232	0.322
MD-46	76	77	4165	5.95	125	94	14	70.4	0.136	0.334	0.469
MD-46	77	78	4166	5.9	142.5	72	18	36.5	0.161	0.290	0.451
MD-46	78	79	4167	1.48	25	47	10	18.4	0.084	0.075	0.158
MD-46	79	80	4168	1.44	21.9	49	8	18.2	0.082	0.065	0.146
MD-46	80	81	4169	2.99	28.7	45	9	11.6	0.058	0.118	0.176
MD-46	81	82	4170	2.89	27.9	43	5	14.5	0.043	0.110	0.153
MD-46	82	83	4171	2.04	20.9	33	<5	9.6	0.032	0.077	0.109
MD-46	83	84	4172	1.05	15.9	44	<5	11.4	0.041	0.041	0.082
MD-50	0	1	4185	0.99	15.8	79	6	23.2	0.047	0.045	0.092
MD-50	1	2	4186	1.51	18.4	61	6	19.5	0.041	0.060	0.101
MD-50	2	3	4187	2.5	25.6	80	<5	23.7	0.032	0.093	0.125
MD-50	3	4	4188	3.27	37.4	76	5	20.3	0.041	0.132	0.173
MD-50	4	5	4189	3.32	39.6	75	6	21.5	0.045	0.135	0.180
MD-50	5	6	4190	2.52	32.4	78	6	27	0.045	0.102	0.147
MD-50	6	7	4191	2.11	25.1	79	7	17.3	0.071	0.087	0.158
MD-50	7	8	4192	2.61	27.1	125	15	21	0.146	0.125	0.272
MD-50	8	9	4193	2.45	33	126	12	24.9	0.121	0.111	0.232
MD-50	9	10	4194	2.19	37.9	107	11	27.5	0.090	0.095	0.185
MD-50	10	11	4195	1.63	30.7	116	7	24.3	0.062	0.066	0.129
MD-50	11	12	4196	1.3	22.7	77	5	20.4	0.058	0.053	0.111
MD-50	12	13	4197	0.83	51.1	34	6	7.7	0.078	0.035	0.112
MD-50	13	14	4198	0.77	40.7	47	5	11.4	0.071	0.036	0.107
MD-50	14	15	4199	0.88	42.4	55	7	12.6	0.075	0.042	0.117

Hole ID	Start From	End To	Sample No.	K2O %	Cs ppm	Nb ppm	Sn ppm	Ta ppm	Li_2O %	Rb_2O %	$Rb_2O + Li_2O$ %
MD-50	15	16	4200	2.32	42.6	55	12	11.7	0.114	0.127	0.241
MD-50	16	17	4201	3.98	83.3	69	32	16.2	0.230	0.277	0.507
MD-50	17	18	4202	3.41	134.5	84	35	71.8	0.282	0.313	0.595
MD-50	18	19	4203	0.82	86.5	32	5	8.6	0.101	0.042	0.143
MD-50	19	20	4204	2.6	42.3	66	11	12.2	0.095	0.112	0.207
MD-50	20	21	4205	1.12	53.9	44	8	14.8	0.080	0.057	0.137
MD-50	21	22	4206	0.65	23.3	37	6	17.4	0.056	0.033	0.089
MD-50	22	23	4207	0.81	49.4	29	7	9.8	0.069	0.040	0.109
MD-50	23	24	4208	0.99	43.5	39	7	18	0.075	0.050	0.126
MD-50	24	25	4209	1.54	52.9	31	9	14	0.071	0.076	0.147
MD-50	25	26	4210	1.64	112.5	36	9	22.9	0.103	0.101	0.204
MD-50	26	27	4211	2.36	281	36	8	21.6	0.205	0.210	0.414
MD-50	27	28	4212	1.68	180	30	6	16.1	0.155	0.142	0.297
MD-50	28	29	4213	1.28	131	73	5	30.8	0.108	0.101	0.209
MD-50	29	30	4214	2.12	41.1	63	9	20.2	0.110	0.110	0.220
MD-50	30	31	4215	3.01	53.1	80	15	33.8	0.172	0.171	0.343
MD-50	31	32	4216	2.31	47	80	13	38.3	0.133	0.121	0.254
MD-50	32	33	4217	1.53	54.1	89	12	41.4	0.131	0.085	0.216
MD-50	33	34	4218	0.75	40.5	69	8	29.5	0.078	0.043	0.120
MD-50	34	35	4219	1.65	55.3	61	6	32.4	0.065	0.087	0.151
MD-50	35	36	4220	2.05	55.5	73	6	41.3	0.058	0.103	0.162
MD-50	36	37	4221	2.52	69.7	46	6	57	0.058	0.133	0.192
MD-50	37	38	4222	3.26	76.3	89	7	117	0.065	0.176	0.241
MD-50	38	39	4223	6.01	103	41	8	28.6	0.069	0.325	0.394
MD-50	39	40	4224	4.6	84.8	37	7	16.6	0.065	0.248	0.313
MD-50	40	41	4225	5.32	101	41	8	26.5	0.067	0.280	0.347
MD-50	41	42	4226	5.18	99.8	49	8	28.2	0.069	0.274	0.342
MD-50	42	43	4227	1.92	41.4	65	11	23.1	0.097	0.107	0.204
MD-50	43	44	4228	1.28	26.6	56	7	23.9	0.071	0.067	0.139
MD-50	44	45	4229	2.65	45.7	54	6	19.4	0.069	0.121	0.190
MD-50	45	46	4230	5.13	107.5	23	<5	8.8	0.056	0.235	0.291
MD-50	46	47	4231	4.84	109.5	23	5	8.1	0.071	0.223	0.294
MD-50	47	48	4232	2.34	54.8	33	8	11.1	0.086	0.121	0.208
MD-50	48	49	4233	1.02	79.6	50	12	24.2	0.116	0.067	0.183
MD-50	49	50	4234	1.05	53.6	54	9	25.2	0.093	0.061	0.154
MD-50	50	51	4235	0.96	38.9	60	7	32.2	0.080	0.052	0.132
MD-50	51	52	4236	0.84	30.9	65	6	28.7	0.067	0.051	0.118
MD-50	52	53	4237	6	140	62	13	33.9	0.108	0.331	0.439
MD-50	53	54	4238	4.65	106.5	65	13	30.5	0.112	0.260	0.372
MD-50	54	55	4239	4.49	54.9	43	5	24.2	0.037	0.214	0.251
MD-50	55	56	4240	1.25	18.5	53	7	23.8	0.043	0.064	0.107
MD-50	56	57	4241	0.76	8.8	70	<5	33.9	0.026	0.036	0.061
MD-50	57	58	4242	1.38	19.5	60	8	26.8	0.047	0.074	0.121
MD-50	58	59	4243	3.78	142.5	75	23	23.5	0.146	0.277	0.423
MD-50	59	60	4244	2.3	70.3	96	10	33	0.080	0.126	0.206
MD-50	60	61	4245	2.5	148	7	7	0.9	0.269	0.173	0.443
MD-50	61	62	4246	1.15	84.1	42	9	22.9	0.142	0.099	0.242
MD-50	63	64	4248	0.99	90.6	31	13	24.9	0.125	0.092	0.217
MD-50	64	65	4249	1.37	24.3	74	<5	92.9	0.047	0.061	0.108
MD-50	65	66	4250	2.73	478	96	26	39.7	0.334	0.231	0.565
MD-50	66	67	4251	1.52	25	103	<5	32.7	0.047	0.063	0.110
MD-50	67	68	4252	1.91	34.1	88	5	35.3	0.058	0.088	0.146
MD-50	68	69	4253	1.75	28.7	94	10	44.4	0.093	0.088	0.180
MD-50	69	70	4254	1.87	55.9	104	17	40.8	0.146	0.122	0.268

Hole ID	Start From	End To	Sample No.	K2O %	Cs ppm	Nb ppm	Sn ppm	Ta ppm	Li_2O %	Rb_2O %	$Rb_2O + Li_2O$ %
MD-50	70	71	4255	1.52	39.2	117	12	20.3	0.114	0.093	0.207
MD-50	71	72	4256	2.2	33.1	86	15	55.4	0.125	0.129	0.254
MD-50	72	73	4257	3.07	112.5	90	21	48.9	0.136	0.186	0.322
MD-50	73	74	4258	1.88	80.9	63	16	87.4	0.099	0.118	0.217
MD-50	74	75	4259	2.34	92.6	102	20	69.2	0.127	0.144	0.271
MD-50	75	76	4260	3.31	190.5	92	29	62.6	0.185	0.212	0.397
MD-50	76	77	4261	3.17	181.5	105	27	61.4	0.164	0.208	0.371
MD-50	77	78	4262	1.49	34.5	99	7	45.6	0.041	0.067	0.108
MD-50	78	79	4263	1.05	22.1	79	7	48.5	0.052	0.052	0.104
MD-50	79	80	4264	2.1	71.4	100	17	37.6	0.159	0.145	0.304
MD-50	80	81	4265	1.33	22	35	6	29.9	0.045	0.067	0.112
MD-50	81	82	4266	2.05	34.6	38	9	20.9	0.069	0.107	0.176
MD-50	82	83	4267	1.79	23.7	31	6	17.1	0.041	0.083	0.124
MD-50	83	84	4268	0.83	11.9	34	5	16.4	0.032	0.041	0.073
MD-50	84	85	4269	6.13	53.7	37	6	27.6	0.043	0.266	0.309
MD-50	85	86	4270	5.79	51.9	59	7	16.2	0.045	0.257	0.302
MD-50	86	87	4271	5.2	41.3	47	7	29.9	0.067	0.230	0.296
MD-50	87	88	4272	7.63	61.8	36	5	17	0.052	0.342	0.394
MD-50	88	89	4273	6.66	55.6	54	7	15.8	0.065	0.310	0.374
MD-50	89	90	4274	8.04	62.1	36	6	30.7	0.065	0.372	0.437
MD-50	90	91	4275	7.25	54.6	62	5	9.5	0.047	0.329	0.377
MD-50	91	92	4276	7.43	50.8	21	5	7.3	0.028	0.335	0.363
MD-50	92	93	4277	8.24	55	10	<5	10.1	0.024	0.362	0.386
MD-50	93	94	4278	8.42	64.5	30	6	13.7	0.043	0.395	0.438
MD-50	94	95	4279	7.76	64.1	31	5	10.7	0.043	0.362	0.405
MD-50	95	96	4280	7.46	70	28	5	18.8	0.047	0.359	0.406
MD-50	96	97	4281	6.77	65.3	27	5	6.1	0.030	0.317	0.347
MD-50	97	98	4282	7.84	60.3	17	<5	12.6	0.019	0.364	0.384
MD-50	98	99	4283	8.52	83	23	<5	21.6	0.030	0.401	0.432
MD-50	99	100	4284	8.69	97.5	28	7	34	0.043	0.421	0.464
MD-50	100	101	4285	8.35	107	40	8	38.9	0.060	0.407	0.467
MD-50	101	102	4286	5.31	72.2	51	10	49.1	0.065	0.261	0.326
MD-50	102	103	4287	6.69	80.7	65	12	39.9	0.075	0.328	0.404
MD-50	103	104	4288	6.01	73.9	53	7	27.5	0.039	0.283	0.322
MD-50	104	105	4289	6.62	81.5	52	9	57.4	0.047	0.311	0.358
MD-50	105	106	4290	5.28	65.9	65	6	25.1	0.037	0.238	0.275
MD-50	106	107	4291	8.27	106.5	37	10	27.5	0.062	0.406	0.468
MD-50	107	108	4292	8.36	107	47	11	24.6	0.084	0.408	0.492
MD-50	108	109	4293	7.41	102	37	8	19.8	0.062	0.362	0.425
MD-50	109	110	4294	6.32	84.1	31	6	20.5	0.056	0.301	0.357
MD-50	110	111	4295	5.55	72.9	45	8	24.4	0.065	0.279	0.344
MD-50	111	112	4296	6.57	95.1	42	11	41.7	0.075	0.337	0.412
MD-50	112	113	4297	3.47	56.3	72	14	42.2	0.101	0.195	0.296
MD-50	113	114	4298	3.86	59.2	85	16	21.2	0.114	0.212	0.326
MD-50	114	115	4299	6.47	90.3	53	14	22	0.084	0.328	0.412
MD-50	115	116	4300	3.05	50.5	72	18	16.3	0.121	0.197	0.317
MD-50	116	117	4301	3.56	52.8	50	12	18.5	0.078	0.183	0.261
MD-50	117	118	4302	3.96	62.4	59	13	31.7	0.084	0.210	0.293
MD-50	118	119	4303	3.42	59	84	18	25.7	0.114	0.206	0.320
MD-50	119	120	4304	4.05	60.4	75	14	19.5	0.090	0.207	0.297
MD-50	120	121	4305	2.98	90.9	100	21	53.6	0.177	0.191	0.367
MD-50	121	122	4306	2.23	35.5	138	17	38.5	0.073	0.136	0.209
MD-50	122	123	4307	1.84	27.4	96	13	41	0.060	0.098	0.159
MD-50	123	124	4308	0.79	11.8	81	6	36.1	0.032	0.032	0.064

Hole ID	Start	End	Sample No.	K2O	Cs	Nb	Sn	Ta	Li_2O	Rb_2O	$Rb_2O + Li_2O$
	From	To		%	ppm	ppm	ppm	ppm	%	%	%
MD-50	124	125	4309	0.61	19.4	71	<5	19.2	0.052	0.025	0.076
MD-50	125	126	4310	0.73	30.7	43	<5		0.080	0.029	0.109
MD-49	30	31	4347	2.94	53.2	59	9	17.1	0.080	0.149	0.228
MD-49	31	32	4348	4.51	48.9	63	7	16.5	0.069	0.188	0.257
MD-49	32	33	4349	2.84	19.6	59	5	16.9	0.045	0.105	0.150
MD-49	33	34	4350	0.61	18.9	66	<5	23.9	0.043	0.026	0.069
MD-49	34	35	4351	0.72	36.2	71	<5	26.5	0.039	0.037	0.076
MD-49	35	36	4352	0.77	150.5	16	<5	7.1	0.129	0.056	0.185
MD-49	55	56	4372	3.08	335	35	15	13.2	0.385	0.280	0.665
MD-49	56	57	4373	3.29	237	37	33	13.4	0.340	0.287	0.627
MD-49	57	58	4374	0.42	175	15	10	9.7	1.117	0.062	1.180
MD-49	58	59	4375	0.34	94.9	6	7	4.9	0.515	0.043	0.557
MD-49	59	60	4376	0.1	12.5	<5	<5	2.1	0.056	0.004	0.060
MD-49	60	61	4377	0.76	302	21	18	76.9	2.093	0.192	2.285
MD-49	61	62	4378	0.49	215	38	15	24.3	3.143	0.157	3.300
MD-49	62	63	4379	1.86	304	79	26	23.5	0.388	0.255	0.642
MD-49	63	64	4380	4.84	279	131	17	28.8	0.271	0.283	0.555
MD-49	64	65	4381	3.83	387	88	24	33.7	0.396	0.271	0.667
MD-49	65	66	4382	5.16	116.5	47	7	23.7	0.108	0.301	0.409
MD-49	66	67	4383	6.72	94.4	18	<5	10.1	0.069	0.321	0.389
MD-49	67	68	4384	5.2	77	67	15	30.3	0.187	0.276	0.463
MD-49	68	69	4385	4.32	62	47	7	20.4	0.088	0.208	0.296
MD-49	69	70	4386	2.66	62	44	13	23.4	0.129	0.149	0.279
MD-49	70	71	4387	3.37	63.6	55	10	26	0.114	0.172	0.286
MD-49	71	72	4388	6.2	124	60	9	40.2	0.108	0.315	0.423
MD-49	72	73	4389	6.02	130	55	8	55.1	0.097	0.314	0.411
MD-49	73	74	4390	2.29	55	64	6	49.3	0.067	0.119	0.186
MD-49	74	75	4391	4.87	82.7	56	7	35	0.090	0.255	0.345
MD-49	75	76	4392	2.48	33.5	45	5	16.9	0.065	0.110	0.175
MD-49	76	77	4393	3.55	66.2	66	9	17.3	0.093	0.155	0.248
MD-49	77	78	4394	1.02	41.2	62	5	33.3	0.082	0.040	0.122
MD-42	11	12	4442	1.68	108	68	18	37.7	0.164	0.150	0.314
MD-42	12	13	4443	5.89	58	52	8	17.4	0.067	0.246	0.313
MD-42	13	14	4444	2.99	33.4	59	12	12.3	0.099	0.150	0.249
MD-42	14	15	4445	4.24	39.7	54	10	12.9	0.080	0.173	0.253
MD-42	15	16	4446	7.4	50.9	50	8	9.8	0.060	0.282	0.343
MD-42	16	17	4447	7.13	51	57	11	18.8	0.082	0.337	0.419
MD-42	17	18	4448	4.34	24.5	76	8	13.8	0.078	0.181	0.259
MD-42	18	19	4449	6.02	41.5	61	12	10.4	0.084	0.230	0.314
MD-42	19	20	4450	5.2	39.9	86	8	14.5	0.067	0.190	0.257
MD-42	20	21	4451	7.26	95.3	30	6	7.7	0.054	0.347	0.401
MD-42	21	22	4452	8.91	123	30	5	25.4	0.037	0.453	0.490
MD-42	22	23	4453	6.12	135.5	42	10	21.5	0.088	0.346	0.434
MD-42	23	24	4454	8.02	248	27	11	12.1	0.069	0.499	0.568
MD-42	24	25	4455	1.56	46.4	132	9	247	0.065	0.093	0.158
MD-42	25	26	4456	6.96	108.5	33	<5	22.8	0.034	0.380	0.414
MD-42	26	27	4457	1.17	41.5	66	8	34	0.090	0.071	0.161
MD-42	27	28	4458	1.42	52	103	13	30.3	0.110	0.096	0.206
MD-42	28	29	4459	0.88	39.2	88	10	59.1	0.078	0.058	0.136
MD-42	29	30	4460	1.26	56	47	15	13	0.133	0.092	0.225
MD-42	30	31	4461	1.13	97.5	66	16	43.7	0.155	0.091	0.246
MD-42	31	32	4462	2.26	58.9	37	15	13.4	0.129	0.133	0.262

Hole ID	Start	End	Sample No.	K2O	Cs	Nb	Sn	Ta	Li_2O	Rb_2O	$Rb_2O + Li_2O$
	From	To		%	ppm	ppm	ppm	ppm	%	%	%
MD-42	32	33	4463	2.82	158.5	62	20	21.9	0.306	0.261	0.567
MD-42	33	34	4464	2.46	247	77	20	18.5	0.273	0.270	0.544
MD-42	44	45	4475	1.36	165	28	10	10.4	0.170	0.109	0.279
MD-42	45	46	4476	2.76	216	64	37	28.8	0.202	0.286	0.488
MD-42	46	47	4477	3.28	59.6	45	9	9.9	0.090	0.141	0.231
MD-42	47	48	4478	6.16	70	49	10	13.1	0.090	0.242	0.332
MD-42	48	49	4479	7.01	55.2	41	6	10.8	0.062	0.286	0.348
MD-42	49	50	4480	8.76	78.2	29	7	5.2	0.078	0.366	0.444
MD-42	50	51	4481	4.69	41.8	27	<5	8.9	0.054	0.189	0.243
MD-42	51	52	4482	8.65	122.5	19	6	14.1	0.052	0.351	0.403
MD-42	52	53	4483	6.05	128	40	13	12	0.140	0.286	0.425
MD-42	53	54	4484	6.04	126.5	46	12	14.4	0.125	0.276	0.401
MD-42	54	55	4485	5.14	77.9	67	12	14.9	0.133	0.252	0.385
MD-42	55	56	4486	1.88	132.5	78	17	18.8	0.226	0.141	0.367
MD-42	56	57	4487	1.47	96.3	63	13	31.6	0.222	0.094	0.316
MD-42	57	58	4488	4.67	85.6	55	12	21.7	0.112	0.238	0.350
MD-42	58	59	4489	6.65	131	50	12	20.1	0.129	0.328	0.457
MD-42	59	60	4490	6.64	105	29	6	29	0.056	0.313	0.369
MD-42	60	61	4491	7.02	108	34	8	20.7	0.078	0.328	0.406
MD-42	61	62	4492	6.89	99.3	19	5	10.7	0.056	0.305	0.361
MD-42	62	63	4493	5.11	91.5	30	6	18.4	0.073	0.238	0.312
MD-42	63	64	4494	1.8	46.3	43	6	19	0.090	0.088	0.179
MD-42	64	65	4495	0.87	24.3	34	5	20.8	0.071	0.038	0.109
MD-42	65	66	4496	3.18	27.8	19	5	9	0.054	0.120	0.174
MD-42	66	67	4497	2.99	29.9	33	7	8.2	0.075	0.132	0.208
MD-42	67	68	4498	2.55	27.1	71	10	15.4	0.088	0.115	0.204
MD-42	68	69	4499	4.4	150	64	24	36.3	0.355	0.287	0.642
MD-42	69	70	4500	4.51	53.1	63	7	15.4	0.069	0.182	0.251
MD-42	70	71	4551	3.35	31.5	47	5	13.9	0.039	0.131	0.170
MD-42	71	72	4552	0.81	58.4	44	<5	35.4	0.105	0.045	0.150
MD-45	5	6	4564	2.14	198	21	12	4.9	0.202	0.158	0.360
MD-45	6	7	4565	2.18	375	291	43	135	0.385	0.233	0.618
MD-45	7	8	4566	3.52	373	296	43	69.5	0.482	0.288	0.770
MD-45	8	9	4567	2.43	111.5	117	19	23.8	0.213	0.172	0.385
MD-45	9	10	4568	2.41	37.4	83	18	12.7	0.140	0.151	0.291
MD-45	10	11	4569	3.9	91.5	149	22	35	0.151	0.261	0.412
MD-45	11	12	4570	1.35	29.1	78	7	17.3	0.084	0.069	0.153
MD-45	12	13	4571	3.31	42	95	16	35.4	0.129	0.162	0.291
MD-45	13	14	4572	2.4	182.5	78	11	49.6	0.205	0.183	0.387
MD-45	14	15	4573	1.95	370	27	6	31.6	0.207	0.144	0.351
MD-45	36	37	4595	5.05	87.1	54	19	15.8	0.170	0.254	0.424
MD-45	37	38	4596	6.74	102.5	35	12	24.2	0.129	0.284	0.414
MD-45	38	39	4597	3.46	63	66	8	15	0.101	0.152	0.253
MD-45	39	40	4598	3.5	60	68	10	16.6	0.114	0.161	0.275
MD-45	40	41	4599	4.84	62	84	9	57.1	0.093	0.216	0.309
MD-45	41	42	4600	6.73	82.5	46	10	24.1	0.086	0.278	0.364
MD-45	42	43	4601	7.84	119	23	6	8	0.058	0.315	0.373
MD-45	43	44	4602	5.87	54.5	22	<5	8.4	0.045	0.225	0.271
MD-45	44	45	4603	7.46	54.9	25	6	8.7	0.056	0.300	0.356
MD-45	45	46	4604	7.97	68.5	28	8	8.3	0.073	0.327	0.400
MD-45	46	47	4605	7.42	65.7	42	11	10.4	0.097	0.335	0.432
MD-45	47	48	4606	9.23	84.5	25	7	9.4	0.065	0.391	0.455
MD-45	48	49	4607	9.11	119	35	10	10.6	0.090	0.424	0.515

Hole ID	Start	End	Sample No.	K2O	Cs	Nb	Sn	Ta	Li_2O	Rb_2O	$Rb_2O + Li_2O$
	From	To		%	ppm	ppm	ppm	ppm	%	%	%
MD-45	49	50	4608	5.52	74.6	78	26	17.5	0.213	0.312	0.525
MD-45	50	51	4609	5.85	87.4	57	15	16.2	0.136	0.313	0.449
MD-45	51	52	4610	4.74	90.5	63	15	20.7	0.140	0.267	0.407
MD-45	52	53	4611	6.39	75.5	61	15	18.8	0.146	0.316	0.463
MD-45	53	54	4612	6.59	94.5	47	13	16	0.146	0.318	0.465
MD-45	54	55	4613	3.32	48.8	34	10	8.1	0.105	0.179	0.285
MD-45	55	56	4614	5.8	72.5	55	18	13	0.166	0.315	0.481
MD-45	56	57	4615	5.83	78.6	53	16	15.4	0.142	0.313	0.455
MD-45	57	58	4616	7.27	115	37	9	40.6	0.082	0.380	0.461
MD-45	58	59	4617	5.45	119	28	9	15.2	0.108	0.291	0.399
MD-45	59	60	4618	3.76	87.1	19	6	12.6	0.090	0.199	0.289
MD-45	60	61	4619	11.05	146.5	8	<5	5.5	0.047	0.547	0.594
MD-45	61	62	4620	8.7	125.5	30	11	10.8	0.121	0.451	0.571
MD-45	62	63	4621	9.06	118	36	12	13.6	0.125	0.469	0.594
MD-45	63	64	4622	10.1	95	8	<5	4.8	0.047	0.487	0.534
MD-45	64	65	4623	10.2	105.5	13	<5	7.9	0.047	0.502	0.550
MD-45	65	66	4624	9.57	121.5	10	6	7	0.073	0.484	0.557
MD-45	66	67	4625	8.12	79.4	31	7	31.5	0.088	0.401	0.490
MD-45	67	68	4626	9.54	114	16	8	6.9	0.125	0.451	0.576
MD-45	68	69	4627	8.16	127	41	16	14.2	0.172	0.433	0.605
MD-45	69	70	4628	9.27	126.5	13	6	11.2	0.073	0.461	0.534
MD-45	70	71	4629	9.71	108	9	5	5.4	0.062	0.473	0.535
MD-45	71	72	4630	9.42	94.1	12	5	6.5	0.073	0.454	0.527
MD-45	72	73	4631	9.5	97.3	16	5	8.2	0.067	0.479	0.546
MD-45	73	74	4632	9.14	84.8	5	<5	3.3	0.047	0.450	0.497
MD-45	74	75	4633	9.76	96.7	5	<5	3.3	0.050	0.478	0.528
MD-45	75	76	4634	8.86	103	17	5	11.3	0.071	0.450	0.521
MD-45	76	77	4635	8.84	94.7	11	5	9.3	0.054	0.443	0.497
MD-45	77	78	4636	9.01	96.4	12	5	13.2	0.056	0.455	0.511
MD-45	78	79	4637	8.44	104.5	9	7	6.9	0.058	0.427	0.485
MD-45	79	80	4638	7.62	111	14	8	8.3	0.062	0.395	0.457
MD-45	80	81	4639	8.9	128	41	9	28	0.095	0.468	0.563
MD-45	81	82	4640	8.82	112	24	7	18	0.084	0.441	0.525
MD-45	82	83	4641	8.03	112	20	7	17.5	0.073	0.428	0.501
MD-45	83	84	4642	9.02	127	35	9	31.2	0.086	0.480	0.566
MD-45	84	85	4643	7.11	100	48	14	27.9	0.090	0.409	0.500
MD-45	85	86	4644	7.46	102.5	49	14	27.8	0.095	0.409	0.504
MD-45	86	87	4645	7.37	117.5	46	12	38.4	0.084	0.429	0.513
MD-45	87	88	4646	6.75	121.5	41	13	21.8	0.099	0.414	0.513
MD-45	88	89	4647	5.08	81.4	61	15	30.7	0.110	0.301	0.411
MD-45	89	90	4648	5.29	70	55	14	19.4	0.103	0.300	0.403
MD-45	90	91	4649	6.74	71.1	17	6	7.4	0.041	0.337	0.378
MD-45	91	92	4650	5.56	73	67	8	24.9	0.065	0.291	0.356
MD-45	92	93	4651	5.01	66.4	56	12	42.9	0.101	0.281	0.382
MD-45	93	94	4652	5.11	67.9	85	15	27.2	0.118	0.299	0.417
MD-45	94	95	4653	4.91	68.1	53	16	29.1	0.108	0.282	0.390
MD-45	95	96	4654	4.89	74.4	49	14	21.2	0.123	0.275	0.397
MD-45	96	97	4655	6.78	97.9	37	13	11.3	0.116	0.357	0.473
MD-45	97	98	4656	5.1	86.3	52	15	21.6	0.136	0.291	0.427
MD-45	98	99	4657	3.53	68.3	98	10	40.7	0.103	0.198	0.301
MD-45	99	100	4658	4.16	81.3	90	10	86.2	0.088	0.233	0.321
MD-45	100	101	4659	5.03	82.5	71	8	71.8	0.065	0.268	0.333
MD-45	101	102	4660	5.17	78.2	31	7	21.2	0.045	0.272	0.318
MD-45	102	103	4661	4.99	119.5	37	11	22.2	0.095	0.303	0.398

Hole ID	Start	End	Sample No.	K2O	Cs	Nb	Sn	Ta	Li_2O	Rb_2O	$Rb_2O + Li_2O$
	From	To		%	ppm	ppm	ppm	ppm	%	%	%
MD-45	103	104	4662	6.02	131	34	10	25.1	0.075	0.342	0.418
MD-45	104	105	4663	3.55	69.6	31	6	26.4	0.069	0.188	0.257
MD-45	105	106	4664	2.17	41.6	71	8	34.5	0.084	0.127	0.211
MD-45	106	107	4665	5.55	147.5	63	12	41.2	0.095	0.352	0.447
MD-45	107	108	4666	7.87	213	48	10	64.8	0.080	0.480	0.560
MD-45	108	109	4667	4.44	139.5	83	15	23.7	0.136	0.293	0.429
MD-45	109	110	4668	5.34	168.5	66	11	23.4	0.097	0.340	0.437
MD-45	110	111	4669	2.89	88.2	61	8	34.3	0.075	0.169	0.244
MD-45	111	112	4670	2	61.1	70	5	43	0.065	0.115	0.179
MD-45	112	113	4671	1.04	36.6	68	7	39.9	0.086	0.067	0.154
MD-45	113	114	4672	2.29	86.5	78	23	35.4	0.177	0.192	0.369
MD-45	114	115	4673	2.36	70	53	10	36.4	0.105	0.149	0.255
MD-45	115	116	4674	4.12	147.5	50	15	25.7	0.129	0.254	0.383
MD-45	116	117	4675	5.14	182.5	54	23	17	0.226	0.328	0.554
MD-45	117	118	4676	2.24	84.7	65	10	27.5	0.112	0.146	0.258
MD-45	118	119	4677	3.5	133	49	12	17.5	0.114	0.208	0.323
MD-45	119	120	4678	3.37	131	37	11	18	0.103	0.208	0.312
MD-45	120	121	4679	2.58	80.6	75	16	23.3	0.153	0.170	0.323
MD-45	121	122	4680	1.07	53.6	79	9	32.4	0.090	0.068	0.159
MD-45	122	123	4681	1.71	178	85	20	75.6	0.172	0.152	0.324
MD-45	123	124	4682	3.55	163	20	11	2.7	0.146	0.206	0.353
MD-45	124	125	4683	5.06	188.5	16	9	2.3	0.136	0.278	0.414
MD-45	125	126	4684	3.84	166.5	8	7	1.1	0.123	0.216	0.339
MD-39	23	24	4708	2.31	71.6	40	16	13.4	0.149	0.146	0.295
MD-39	24	25	4709	3.6	74	20	8	3.8	0.112	0.127	0.239
MD-39	25	26	4710	3.01	93.4	33	9	7.4	0.103	0.110	0.214
MD-39	26	27	4711	4.52	122.5	376	10	126.5	0.125	0.184	0.309
MD-39	27	28	4712	5.14	158	23	8	16.4	0.090	0.215	0.305
MD-39	28	29	4713	3.5	226	33	9	9.9	0.172	0.159	0.331
MD-39	29	30	4714	1.56	315	57	10	37.8	0.215	0.092	0.307
MD-39	30	31	4715	0.78	37.8	54	8	20.7	0.108	0.038	0.145
MD-39	31	32	4716	0.58	19.8	36	<5	9.2	0.075	0.021	0.096
MD-39	32	33	4717	0.83	29.5	37	6	9.4	0.108	0.041	0.149
MD-39	33	34	4718	0.71	29.3	34	8	18.4	0.112	0.038	0.150
MD-39	34	35	4719	0.83	45.8	44	8	34.4	0.118	0.044	0.162
MD-39	35	36	4720	0.89	45.9	51	9	37.5	0.129	0.049	0.178
MD-39	36	37	4721	0.51	31.2	40	6	16.2	0.073	0.033	0.107
MD-39	37	38	4722	0.54	28	39	5	15.5	0.067	0.029	0.096
MD-39	38	39	4723	0.61	35.4	32	7	16.9	0.078	0.034	0.112
MD-39	39	40	4724	0.59	25.1	26	8	11.8	0.078	0.034	0.112
MD-39	40	41	4725	0.55	20.8	42	<5	22.3	0.050	0.019	0.068
MD-39	41	42	4726	0.75	23.3	38	5	30.3	0.050	0.036	0.085
MD-39	42	43	4727	0.69	12.7	22	<5	12.2	0.041	0.026	0.067
MD-39	43	44	4728	0.45	16.9	55	<5	26.1	0.024	0.010	0.034
MD-39	44	45	4729	0.61	11.6	69	5	37.5	0.039	0.027	0.066
MD-39	45	46	4730	2.35	151.5	144	9	101.5	0.297	0.192	0.489
MD-39	46	47	4731	1.4	90.8	11	9	6.9	0.183	0.103	0.286
MD-39	47	48	4732	1.3	81.9	8	9	3	0.159	0.094	0.253
MD-39	48	49	4733	1.5	103	14	10	5.3	0.177	0.119	0.296
MD-39	49	50	4734	0.19	13.4	155	5	106	0.032	0.007	0.039
MD-39	50	51	4735	1.74	123	62	29	29.3	0.161	0.170	0.331
MD-39	51	52	4736	1.2	87.6	37	5	14.3	0.144	0.073	0.218
MD-39	52	53	4737	0.75	54.7	18	6	6.4	0.116	0.043	0.159

Hole ID	Start From	End To	Sample No.	K2O %	Cs ppm	Nb ppm	Sn ppm	Ta ppm	Li_2O %	Rb_2O %	$Rb_2O + Li_2O$ %
MD-40	0	1	4748	2.96	66.3	66	22	24.3	0.164	0.195	0.359
MD-40	1	2	4749	1.28	136	40	13	17.3	0.138	0.104	0.242
MD-40	21	22	4769	2.49	315	17	12	5.9	0.282	0.217	0.499
MD-40	22	23	4770	3.05	187	27	12	14	0.209	0.171	0.380
MD-40	23	24	4771	3.98	143.5	35	11	10.8	0.164	0.177	0.341
MD-40	24	25	4772	3.42	59.7	62	13	22.2	0.123	0.174	0.297
MD-40	25	26	4773	1.95	29	74	16	13.4	0.133	0.107	0.241
MD-40	26	27	4774	2.24	38.2	67	14	13.8	0.146	0.124	0.270
MD-40	27	28	4775	2.58	30.5	41	10	10.1	0.093	0.113	0.206
MD-40	28	29	4776	3.46	53.9	163	12	209	0.103	0.158	0.261
MD-40	29	30	4777	1.29	34.5	101	10	118.5	0.086	0.070	0.157
MD-40	30	31	4778	1.26	58.4	156	8	148.5	0.086	0.079	0.165
MD-40	31	32	4779	0.9	18.2	45	7	50.5	0.054	0.048	0.102
MD-40	32	33	4780	2.34	36.2	224	8	237	0.075	0.108	0.183
MD-40	33	34	4781	5.66	73.7	34	9	23	0.088	0.254	0.342
MD-40	34	35	4782	5.02	72.2	33	8	23.4	0.073	0.234	0.307
MD-40	35	36	4783	6.32	76.3	46	12	18.2	0.099	0.301	0.400
MD-40	36	37	4784	8.5	99.6	15	<5	9.1	0.043	0.377	0.420
MD-40	37	38	4785	7.73	89.8	39	9	31.1	0.058	0.334	0.392
MD-40	38	39	4786	8.64	102	19	8	13.8	0.056	0.375	0.431
MD-40	39	40	4787	8.4	91.2	16	5	13.4	0.056	0.364	0.420
MD-40	40	41	4788	8.35	105	27	6	34	0.060	0.383	0.443
MD-40	41	42	4789	5.28	76.3	41	12	19	0.131	0.254	0.385
MD-40	42	43	4790	4.54	124	46	12	26.9	0.127	0.226	0.353
MD-40	43	44	4791	3.32	109.5	52	11	47.2	0.121	0.167	0.287
MD-40	44	45	4792	3.52	93	52	6	19.2	0.088	0.166	0.255
MD-40	45	46	4793	7.76	134	16	<5	5	0.054	0.342	0.396
MD-40	46	47	4794	4.79	125	28	6	7.1	0.088	0.232	0.320
MD-40	47	48	4795	4.43	166.5	85	82	78.4	0.383	0.381	0.764
MD-40	48	49	4796	6.13	138	43	14	14.5	0.192	0.321	0.512
MD-40	49	50	4797	3.83	106.5	65	9	21.8	0.112	0.195	0.307
MD-40	50	51	4798	3.72	76.9	57	6	16.6	0.088	0.174	0.263
MD-40	51	52	4799	4.04	90.1	49	8	10.4	0.116	0.189	0.305
MD-40	52	53	4800	4.96	136.5	42	13	11	0.183	0.260	0.443
MD-40	53	54	4801	4.38	141.5	47	16	10.8	0.189	0.235	0.425
MD-40	54	55	4802	1.34	31	73	7	21.9	0.093	0.064	0.156
MD-40	55	56	4803	0.49	11.9	53	<5	17.2	0.050	0.019	0.069
MD-40	56	57	4804	3.09	79.4	86	12	22.9	0.144	0.158	0.302
MD-40	57	58	4805	1.28	47.3	87	11	31.1	0.131	0.072	0.203
MD-40	58	59	4806	0.97	16.8	95	6	26.2	0.075	0.043	0.119
MD-40	59	60	4807	2.35	50.5	85	8	19.6	0.105	0.100	0.205
MD-40	60	61	4808	0.62	41.2	56	<5	19.4	0.116	0.023	0.139
MD-27	7	8	4951	3.53	6	18	5	1.1	0.011	0.014	0.025
MD-27	8	9	4952	3.52	6.2	18	5	1.1	0.011	0.014	0.025
MD-27	9	10	4953	3.54	6.3	17	5	1.1	0.011	0.014	0.025
MD-27	10	11	4954	3.52	6.1	20	5	1.3	0.011	0.015	0.025
MD-27	11	12	4955	3.5	5.9	19	5	1.3	0.011	0.015	0.025
MD-27	12	13	4956	3.56	6.3	20	5	1.3	0.011	0.014	0.025
MD-27	13	14	4957	5.51	128	57	11	48	0.095	0.324	0.419
MD-27	14	15	4958	1.68	102.5	230	11	448	0.101	0.107	0.208
MD-27	15	16	4959	6.06	130.5	324	13	618	0.127	0.335	0.462
MD-27	16	17	4960	8.15	103	26	7	20.5	0.073	0.337	0.410

Hole ID	Start	End	Sample No.	K2O	Cs	Nb	Sn	Ta	Li_2O	Rb_2O	$Rb_2O + Li_2O$
	From	To		%	ppm	ppm	ppm	ppm	%	%	%
MD-27	17	18	4961	6.7	94.3	22	8	7.5	0.082	0.278	0.360
MD-27	18	19	4962	7.6	66.3	42	5	11.7	0.058	0.289	0.347
MD-27	33	34	4977	1.6	187.5	36	9	47.9	0.196	0.136	0.332
MD-27	34	35	4978	0.46	38.7	27	<5	23.2	0.069	0.032	0.101
MD-27	35	36	4979	0.74	30.7	32	7	12.7	0.078	0.045	0.123
MD-27	36	37	4980	3.34	43.2	57	8	44.3	0.084	0.147	0.231
MD-27	37	38	4981	3.24	65.3	27	8	12.7	0.105	0.159	0.264
MD-27	38	39	4982	7.93	121.5	23	6	13.5	0.056	0.354	0.410
MD-27	39	40	4983	6.73	123	48	6	20.1	0.080	0.293	0.373
MD-27	40	41	4984	4.39	84	43	6	14.5	0.078	0.198	0.276
MD-27	41	42	4985	5.37	158.5	56	10	50.4	0.144	0.246	0.390
MD-27	42	43	4986	8.38	201	44	18	17.2	0.194	0.374	0.568
MD-27	43	44	4987	9.02	217	27	11	15.5	0.123	0.376	0.499
MD-27	44	45	4988	8.94	149.5	30	7	10.9	0.088	0.345	0.433
MD-27	45	46	4989	7	131	52	12	12.5	0.138	0.276	0.413
MD-27	46	47	4990	6.77	113.5	37	8	9.4	0.114	0.263	0.377
MD-27	47	48	4991	7.13	94.2	32	8	8.6	0.086	0.270	0.356
MD-27	48	49	4992	7.48	68.1	41	10	9.2	0.095	0.282	0.377
MD-27	49	50	4993	6.29	66.9	60	7	48	0.065	0.243	0.307
MD-27	50	51	4994	4.54	44.4	76	16	16.6	0.125	0.201	0.326
MD-27	51	52	4995	4.99	41.2	76	6	38.9	0.067	0.190	0.257
MD-27	52	53	4996	4.19	35.7	47	7	12.6	0.071	0.164	0.235
MD-27	53	54	4997	4.82	43.4	61	7	18.3	0.080	0.186	0.266
MD-27	54	55	4998	1.4	16.2	45	9	8.2	0.082	0.072	0.154
MD-27	55	56	4999	2.21	24	67	12	11.7	0.097	0.109	0.206
MD-27	56	57	5000	2.73	21.9	64	8	12.2	0.084	0.121	0.205
MD-27	57	58	4901	1.73	17.6	73	7	18.6	0.084	0.083	0.167
MD-27	58	59	4902	3.19	25.8	82	10	14.7	0.112	0.146	0.257
MD-27	59	60	4903	4.67	43.4	62	12	11.4	0.127	0.211	0.338
MD-27	60	61	4904	5.11	120	57	9	69.5	0.090	0.299	0.389
MD-27	61	62	4905	1.7	95.4	121	10	195	0.105	0.104	0.210
MD-27	62	63	4906	6.13	139.5	117	9	214	0.105	0.336	0.441
MD-27	63	64	4907	7.95	97.6	28	7	31.6	0.071	0.321	0.392
MD-27	64	65	4908	6.3	83.9	24	6	10.9	0.071	0.260	0.331
MD-27	65	66	4909	7.24	63.8	25	5	9.5	0.056	0.280	0.336
MD-27	66	67	4910	7.23	43.1	47	<5	10.6	0.058	0.269	0.327
MD-27	67	68	4911	6.81	44.6	30	6	6.5	0.067	0.257	0.324
MD-27	68	69	4912	2.39	32.7	50	<5	25.9	0.052	0.090	0.142
MD-35	22	23	4938	3.37	174.5	22	10	8.8	0.185	0.185	0.370
MD-35	23	24	4939	4.44	124.5	34	8	11.6	0.149	0.196	0.344
MD-35	24	25	4940	4.41	55.2	80	12	14.2	0.133	0.211	0.344
MD-35	25	26	4941	4.83	50	66	9	10.5	0.097	0.188	0.285
MD-35	26	27	4942	7.48	64.5	35	7	6.1	0.067	0.268	0.335
MD-35	27	28	4943	5.35	47	114	16	18.9	0.144	0.222	0.366
MD-35	28	29	4944	3.73	36.4	87	14	18.3	0.118	0.174	0.293
MD-35	29	30	4945	5.99	49.3	47	8	9.6	0.088	0.253	0.341
MD-35	30	31	4946	7.62	58.6	25	<5	10.8	0.043	0.298	0.341
MD-35	31	32	4947	7	59	47	8	16.2	0.088	0.289	0.377
MD-35	32	33	4948	7.79	64.8	49	11	28.3	0.099	0.327	0.426
MD-35	33	34	4949	8.04	71.6	25	8	7.9	0.069	0.341	0.410
MD-35	34	35	4950	8.99	79.5	7	<5	4.7	0.034	0.393	0.427
MD-35	35	36	5051	6.6	64	30	5	19.1	0.052	0.289	0.340
MD-35	36	37	5052	5.89	56.7	29	<5	18.2	0.041	0.256	0.297
MD-35	37	38	5053	3.25	38.7	58	8	32.6	0.069	0.155	0.224

Hole ID	Start	End	Sample No.	K2O	Cs	Nb	Sn	Ta	Li_2O	Rb_2O	$Rb_2O + Li_2O$
	From	To		%	ppm	ppm	ppm	ppm	%	%	%
MD-35	38	39	5054	3.08	61.6	74	15	30.1	0.140	0.168	0.308
MD-35	39	40	5055	1.51	71.3	71	15	31.2	0.118	0.093	0.212
MD-35	40	41	5056	2.89	46.5	46	7	27.1	0.078	0.139	0.217
MD-35	41	42	5057	6.95	69.6	31	5	16.6	0.060	0.333	0.393
MD-35	42	43	5058	9.84	82.7	7	<5	3.8	0.037	0.456	0.493
MD-35	43	44	5059	8.81	74.4	11	<5	4.8	0.039	0.405	0.444
MD-35	44	45	5060	8.85	81.2	17	5	13.2	0.071	0.406	0.477
MD-35	45	46	5061	9.87	87.8	17	<5	20.8	0.054	0.463	0.517
MD-35	46	47	5062	10.4	90.7	15	<5	12.2	0.043	0.482	0.526
MD-35	47	48	5063	9.35	87	12	<5	8.9	0.047	0.435	0.483
MD-35	48	49	5064	8.71	81.4	16	<5	14.9	0.058	0.403	0.461
MD-35	49	50	5065	7.89	81.8	41	12	20.1	0.114	0.395	0.509
MD-35	50	51	5066	4.02	52.2	42	8	21.8	0.075	0.205	0.280
MD-35	51	52	5067	1.07	57.2	84	8	60.5	0.075	0.063	0.139
MD-35	52	53	5068	2.51	63.3	100	11	77	0.103	0.147	0.250
MD-35	53	54	5069	4.38	81	100	10	71.1	0.101	0.244	0.345
MD-35	54	55	5070	3.32	59.7	76	16	43.8	0.121	0.205	0.325
MD-35	55	56	5071	4.95	67.6	63	8	38.8	0.071	0.263	0.334
MD-35	56	57	5072	4	45.8	69	<5	45.1	0.037	0.191	0.228
MD-35	57	58	5073	5.75	67.5	49	11	22.4	0.093	0.300	0.392
MD-35	58	59	5074	3.19	43.3	59	11	30.2	0.095	0.170	0.265
MD-35	59	60	5075	2.36	31.7	60	8	28.4	0.075	0.126	0.201
MD-35	60	61	5076	3.38	51.4	95	13	67.7	0.108	0.192	0.300
MD-35	61	62	5077	4.37	54.3	69	7	39.8	0.067	0.218	0.284
MD-35	62	63	5078	5.53	57.4	71	<5	42.7	0.060	0.269	0.329
MD-35	63	64	5079	2.87	35.4	74	5	39.1	0.065	0.141	0.205
MD-35	64	65	5080	1.04	17.2	76	7	43.3	0.071	0.055	0.126
MD-35	65	66	5081	1.12	22.1	70	6	35.5	0.075	0.053	0.129
MD-35	66	67	5082	1.26	47.3	104	14	48.4	0.161	0.093	0.254
MD-35	67	68	5083	1.44	50.4	93	15	36.3	0.183	0.105	0.288
MD-35	68	69	5084	1.08	70.9	78	13	24.4	1.010	0.097	1.107
MD-35	69	70	5085	1.02	173	34	20	24.7	1.165	0.138	1.303
MD-35	70	71	5086	0.72	132	54	14	34.8	0.351	0.089	0.440
MD-35	71	72	5087	0.35	40.3	72	6	43.6	0.084	0.029	0.113
MD-35	72	73	5088	1.42	51.1	56	6	32.6	0.078	0.082	0.160
MD-35	73	74	5089	1.05	55.9	42	12	10.5	0.157	0.078	0.235
MD-35	74	75	5090	0.57	33.9	46	6	20.7	0.097	0.035	0.132
MD-35	75	76	5091	0.69	40.5	31	9	21.4	0.146	0.051	0.197
MD-35	76	77	5092	1.4	39.6	31	7	8.8	0.103	0.076	0.180
MD-35	77	78	5093	1.7	73.5	34	16	17.2	0.196	0.126	0.322
MD-35	78	79	5094	2.85	74.2	97	17	75.7	0.172	0.170	0.342
MD-35	79	80	5095	6.91	172.5	124	34	67.4	0.323	0.416	0.739
MD-35	80	81	5096	3.9	136	81	19	57.2	0.196	0.237	0.433
MD-35	81	82	5097	3.6	226	52	15	43.4	0.237	0.218	0.455
MD-35	82	83	5098	4.97	116	49	10	26.5	0.140	0.266	0.406
MD-35	83	84	5099	5.7	153	78	19	44.8	0.183	0.315	0.498
MD-35	84	85	5100	5.85	224	74	23	23.7	0.366	0.370	0.736
MD-35	85	86	5001	3.14	105	82	16	35.8	0.258	0.196	0.454
MD-35	86	87	5002	4.12	78.8	88	12	52.3	0.110	0.238	0.348
MD-35	87	88	5003	4.77	78.9	84	11	35.9	0.097	0.278	0.375
MD-35	88	89	5004	2.45	50.9	80	11	39.5	0.093	0.143	0.236
MD-35	89	90	5005	3.28	71.4	62	6	34.6	0.067	0.183	0.250
MD-35	90	91	5006	2.11	44.8	65	7	41.4	0.071	0.115	0.186
MD-35	91	92	5007	2.7	63	79	6	49.2	0.060	0.152	0.212

Hole ID	Start	End	Sample No.	K2O	Cs	Nb	Sn	Ta	Li_2O	Rb_2O	$Rb_2O + Li_2O$
	From	To		%	ppm	ppm	ppm	ppm	%	%	%
MD-35	92	93	5008	4.18	104.5	78	14	39.4	0.125	0.267	0.392
MD-35	93	94	5009	4.24	94.9	47	8	33.8	0.086	0.236	0.322
MD-35	94	95	5010	3.07	70.9	72	10	52.4	0.088	0.177	0.266
MD-35	95	96	5011	3.13	65.2	76	16	32.3	0.127	0.202	0.329
MD-35	96	97	5012	3.11	54.4	50	11	20.6	0.090	0.176	0.267
MD-35	97	98	5013	2.71	54.7	51	13	20	0.101	0.168	0.270
MD-35	98	99	5014	3.83	79.8	51	11	36.2	0.093	0.225	0.318
MD-35	99	100	5015	5.17	120.5	71	13	53.2	0.110	0.307	0.417
MD-35	100	101	5016	3.81	86.6	70	12	68.5	0.088	0.229	0.317
MD-35	101	102	5017	4.77	111.5	61	11	51.6	0.103	0.282	0.386
MD-35	102	103	5018	7.53	154.5	37	10	28.4	0.088	0.463	0.551
MD-35	103	104	5019	4.8	139	78	32	31.4	0.233	0.394	0.626
MD-35	104	105	5020	5.92	149.5	68	22	44	0.168	0.418	0.586
MD-35	105	106	5021	5.14	121	57	20	31.2	0.136	0.339	0.475
MD-35	106	107	5022	6.88	156	49	19	27.7	0.121	0.457	0.578
MD-35	107	108	5023	6.99	151	45	15	31.2	0.121	0.431	0.552
MD-35	108	109	5024	0.87	18.7	80	5	47.3	0.047	0.046	0.093
MD-35	109	110	5025	1.15	30.7	126	7	46.5	0.069	0.071	0.140
MD-35	110	111	5026	1.68	42.5	125	6	42.6	0.080	0.100	0.180
MD-35	111	112	5027	1.62	45.2	79	10	28.6	0.121	0.109	0.230
MD-35	112	113	5028	6.52	168	39	5	12.8	0.062	0.356	0.418
MD-35	113	114	5029	7.91	215	28	5	12.5	0.050	0.419	0.469
MD-35	114	115	5030	6.05	152.5	44	6	13.1	0.058	0.334	0.392
MD-35	115	116	5031	5.11	155	54	6	18.6	0.067	0.280	0.347
MD-35	116	117	5032	5.65	150.5	58	13	18.9	0.116	0.328	0.444
MD-35	117	118	5033	1.03	35.1	98	8	22.7	0.108	0.069	0.177
MD-35	118	119	5034	1.16	23.5	90	5	38	0.058	0.065	0.123
MD-35	119	120	5035	1.28	47.5	109	10	38.1	0.123	0.083	0.206
MD-35	120	121	5036	2.69	81.5	77	7	25.5	0.095	0.152	0.246
MD-35	121	122	5037	1.34	45	126	8	42	0.088	0.077	0.165
MD-35	122	123	5038	0.66	18.5	98	<5	38.9	0.028	0.019	0.047
MD-35	123	124	5039	0.74	19.2	119	<5	50.6	0.030	0.028	0.058
MD-35	124	125	5040	0.57	14.7	116	<5	49.3	0.024	0.021	0.044
MD-35	125	126	5041	0.63	26.1	119	<5	56.4	0.032	0.024	0.057
MD-24	8	9	5050	1.44	119	23	9	8.3	0.131	0.104	0.236
MD-24	9	10	5101	2.32	68.7	33	8	8.5	0.101	0.112	0.213
MD-24	10	11	5102	4.82	111.5	47	10	9.8	0.125	0.218	0.343
MD-24	11	12	5103	5.29	99.8	46	13	11	0.127	0.258	0.385
MD-24	12	13	5104	5.69	86.6	67	13	16.4	0.127	0.251	0.378
MD-24	13	14	5105	6.36	95.4	43	10	9.3	0.095	0.259	0.354
MD-24	14	15	5106	5.38	77.5	55	11	10.7	0.125	0.228	0.352
MD-24	15	16	5107	6.17	136.5	67	16	15	0.181	0.275	0.455
MD-24	16	17	5108	4.24	49.7	68	12	17	0.110	0.186	0.296
MD-24	17	18	5109	5.24	51.7	77	11	14.4	0.110	0.218	0.328
MD-24	18	19	5110	6.77	56	51	6	11.6	0.060	0.254	0.314
MD-24	19	20	5111	3.25	33.3	83	13	14.6	0.118	0.145	0.263
MD-24	20	21	5112	5.16	44.4	87	11	14.8	0.095	0.211	0.306
MD-24	21	22	5113	5.67	62.6	84	10	15.1	0.093	0.224	0.317
MD-24	22	23	5114	6.37	71.5	43	6	7.9	0.071	0.242	0.313
MD-24	23	24	5115	5.07	73.3	68	14	10.4	0.174	0.212	0.386
MD-24	24	25	5116	5.78	101.5	51	12	10.2	0.185	0.234	0.419
MD-24	25	26	5117	6.17	84.8	49	10	11.6	0.114	0.224	0.338
MD-24	26	27	5118	6.16	86.9	35	9	9.1	0.123	0.217	0.340

Hole ID	Start	End	Sample No.	K2O	Cs	Nb	Sn	Ta	Li_2O	Rb_2O	$Rb_2O + Li_2O$
	From	To		%	ppm	ppm	ppm	ppm	%	%	%
MD-24	27	28	5119	7.07	84.5	41	10	8	0.112	0.257	0.369
MD-24	28	29	5120	7.28	104	27	9	9	0.090	0.274	0.364
MD-24	29	30	5121	6	107	51	14	31.5	0.142	0.251	0.393
MD-24	30	31	5122	8.32	50.2	16	6	3.2	0.058	0.257	0.315
MD-24	31	32	5123	7.87	48.8	13	5	5.7	0.041	0.249	0.290
MD-24	32	33	5124	7.65	53.9	32	8	14.2	0.073	0.242	0.315
MD-24	33	34	5125	5.64	87.1	34	14	11	0.168	0.198	0.366
MD-24	34	35	5126	8.66	46.9	27	5	7.3	0.041	0.274	0.314
MD-24	35	36	5127	7.54	56.7	25	8	12.2	0.062	0.256	0.318
MD-24	36	37	5128	4.16	83.7	72	52	17.7	0.271	0.346	0.617
MD-24	37	38	5129	2.14	79.6	97	39	48.3	0.189	0.221	0.410
MD-24	38	39	5130	2.7	80.4	96	19	76	0.112	0.183	0.295
MD-24	39	40	5131	2.92	46.2	76	16	30.7	0.103	0.175	0.278
MD-24	40	41	5132	2.01	122.5	49	48	104.5	0.306	0.205	0.510
MD-24	41	42	5133	2.63	110.5	133	37	95.4	0.202	0.236	0.439
MD-24	42	43	5134	5.27	34.3	43	11	11	0.080	0.213	0.292
MD-24	43	44	5135	1.7	23.1	38	13	9.4	0.093	0.094	0.187
MD-24	44	45	5136	4.09	138.5	85	52	32.7	0.366	0.358	0.724
MD-24	45	46	5137	7.46	111	21	21	9.1	0.187	0.423	0.611
MD-24	46	47	5138	2.56	11	37	10	5.6	0.078	0.112	0.189
MD-24	47	48	5139	4.12	30.7	44	14	12.4	0.086	0.200	0.286
MD-48	18	19	5164	1.13	96	37	<5	22.4	0.116	0.055	0.172
MD-48	19	20	5165	0.85	91.6	40	5	28.5	0.121	0.045	0.165
MD-48	35	36	5181	4.05	182	10	10	2.7	0.189	0.219	0.408
MD-48	36	37	5182	5.38	123.5	99	24	58.2	0.217	0.300	0.517
MD-48	37	38	5183	6.83	72.6	34	10	16.7	0.078	0.279	0.356
MD-48	38	39	5184	7.16	56.4	29	7	7.6	0.062	0.236	0.299
MD-48	39	40	5185	5.79	74	54	7	11.1	0.067	0.202	0.269
MD-48	40	41	5186	3.46	37.7	36	6	12.4	0.062	0.125	0.187
MD-48	41	42	5187	3.4	87.6	52	9	21	0.110	0.156	0.266
MD-48	42	43	5188	1.83	42.6	66	5	38.6	0.054	0.079	0.133
MD-48	43	44	5189	2.77	41.1	102	17	34.9	0.133	0.148	0.282
MD-48	44	45	5190	6.12	69.4	66	20	12.5	0.136	0.290	0.426
MD-48	45	46	5191	7.49	116.5	19	6	6.6	0.183	0.340	0.523
MD-48	46	47	5192	3.53	90.4	25	13	11.8	1.029	0.194	1.223
MD-48	47	48	5193	6.57	98.3	39	12	11.9	0.127	0.304	0.431
MD-48	48	49	5194	5.46	100.5	105	30	23.3	0.217	0.302	0.519
MD-48	49	50	5195	6.22	117.5	66	20	19	0.185	0.316	0.501
MD-48	50	51	5196	4.57	101	83	24	31.6	0.205	0.267	0.471
MD-48	51	52	5197	7.29	168.5	32	11	26.8	0.065	0.376	0.441
MD-48	52	53	5198	7.55	112.5	26	7	12.1	0.065	0.348	0.412
MD-48	53	54	5199	8.01	102	30	9	11	0.080	0.381	0.460
MD-48	54	55	5200	8.06	97.2	31	5	15	0.050	0.395	0.444
MD-48	55	56	5201	6.94	102.5	55	9	19.7	0.086	0.359	0.445
MD-48	56	57	5202	5.2	108.5	37	12	15	0.101	0.304	0.405
MD-48	57	58	5203	2.04	54.8	56	6	32.4	0.056	0.101	0.157
MD-48	58	59	5204	7.11	82.1	35	8	11.8	0.069	0.344	0.412
MD-48	59	60	5205	6.6	82.4	28	7	18.6	0.065	0.323	0.387
MD-48	60	61	5206	5.6	61.1	25	<5	11.6	0.043	0.270	0.313
MD-48	61	62	5207	9.02	76.1	20	<5	10.1	0.050	0.426	0.475
MD-48	62	63	5208	7.71	82.1	34	7	30.9	0.067	0.396	0.463
MD-48	63	64	5209	5.31	62.7	47	6	33.7	0.050	0.269	0.319
MD-48	64	65	5210	5.25	65.3	45	<5	22.5	0.054	0.266	0.320

Hole ID	Start	End	Sample No.	K2O	Cs	Nb	Sn	Ta	Li_2O	Rb_2O	$Rb_2O + Li_2O$
	From	To		%	ppm	ppm	ppm	ppm	%	%	%
MD-48	65	66	5211	5.43	80.8	47	6	20.1	0.065	0.286	0.350
MD-48	66	67	5212	3.52	49.8	47	10	17.9	0.090	0.189	0.279
MD-48	67	68	5213	8.18	88.5	39	11	10.4	0.095	0.406	0.501
MD-48	68	69	5214	5.85	89.4	49	16	27.6	0.127	0.309	0.436
MD-48	69	70	5215	5.83	92.6	37	9	15.4	0.095	0.292	0.387
MD-48	70	71	5216	6.58	80	45	9	17.3	0.093	0.327	0.420
MD-25	5	6	5222	3.05	405	8	9	1.3	0.228	0.220	0.448
MD-25	6	7	5223	2.07	250	12	11	2.6	0.166	0.160	0.326
MD-25	20	21	5237	1.34	92.3	23	5	12.8	0.129	0.076	0.205
MD-25	21	22	5238	1.23	69.2	29	5	20	0.164	0.071	0.235
MD-25	48	49	5265	1.02	128.5	55	6	49.5	0.136	0.083	0.219
MD-25	49	50	5266	0.22	52.3	23	<5	22	0.045	0.013	0.058
MD-25	50	51	5267	0.16	9.2	8	<5	6.2	0.019	0.003	0.022
MD-25	51	52	5268	1	116.5	46	<5	72	0.114	0.065	0.179
MD-25	58	59	5275	3.05	263	42	18	43.8	0.194	0.259	0.453
MD-25	59	60	5276	3.25	146	60	10	103.5	0.103	0.187	0.290
MD-25	60	61	5277	1.32	23.3	51	10	25.7	0.058	0.073	0.131
MD-25	61	62	5278	1.68	66	75	18	78.8	0.069	0.095	0.164
MD-25	62	63	5279	0.66	17	84	5	53.2	0.022	0.025	0.047
MD-25	63	64	5280	2.17	544	37	9	35.5	0.146	0.193	0.339
MD-25	66	67	5283	0.71	45.8	26	7	25.7	0.047	0.036	0.084
MD-25	67	68	5284	0.63	14.6	56	5	35.8	0.056	0.026	0.082
MD-25	68	69	5285	0.82	19.3	54	8	38.6	0.069	0.043	0.112
MD-25	69	70	5286	3.25	67	49	12	31	0.112	0.183	0.295
MD-25	70	71	5287	1.46	44.8	94	13	53.8	0.108	0.096	0.204
MD-25	71	72	5288	1.6	43.9	75	9	51.8	0.086	0.091	0.177
MD-25	72	73	5289	4.47	129.5	79	8	105	0.082	0.259	0.341
MD-25	73	74	5290	1.44	60.9	45	12	41	0.101	0.095	0.196
MD-25	74	75	5291	5.18	174.5	62	13	79.5	0.127	0.307	0.434
MD-25	75	76	5292	3.87	115	83	12	87.1	0.116	0.228	0.344
MD-25	76	77	5293	3.66	100.5	56	8	54.7	0.075	0.205	0.280
MD-25	77	78	5294	4.89	138	74	19	51.8	0.161	0.303	0.465
MD-25	78	79	5295	1.64	89.3	54	40	110.5	0.622	0.121	0.743
MD-25	79	80	5296	1.42	62.5	97	27	50.7	0.164	0.102	0.266
MD-25	80	81	5297	3.55	143	70	26	59.8	0.168	0.238	0.406
MD-25	81	82	5298	1.12	59.4	57	14	42.8	0.118	0.078	0.196
MD-25	82	83	5299	1.95	84.9	68	14	51.7	0.133	0.131	0.264
MD-25	83	84	5300	3.71	138.5	46	17	47.9	0.142	0.229	0.371
MD-25	84	85	5301	6.9	151	24	6	20.4	0.056	0.371	0.427
MD-25	85	86	5302	7.31	161.5	24	9	21.5	0.082	0.395	0.477
MD-25	86	87	5303	4.64	144.5	62	25	17.8	0.213	0.314	0.527
MD-25	87	88	5304	2.36	85.8	54	14	45.8	0.112	0.149	0.261
MD-25	88	89	5305	3.23	89.8	56	11	31.9	0.090	0.197	0.287
MD-25	89	90	5306	5.34	165	66	19	28.2	0.198	0.341	0.539
MD-25	90	91	5307	1.8	75	79	20	40.9	0.142	0.143	0.285
MD-25	91	92	5308	1.86	78.9	53	18	35.9	0.127	0.147	0.274
MD-25	92	93	5309	2.56	74.2	55	9	58.4	0.078	0.170	0.247
MD-25	93	94	5310	4.54	105.5	43	10	25.4	0.069	0.292	0.361
MD-25	94	95	5311	3.15	98.4	64	15	32.6	0.114	0.212	0.326
MD-25	95	96	5312	4.15	139	54	22	24.3	0.153	0.284	0.437

- Assay using the process of a 4- acid digest followed by Lithium Borate Fusion ICP-MS

Appendix 3: JORC (2012) Table 1 Report

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 (eg 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 (eg '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 (eg submarine nodules) may warrant disclosure of detailed information.*	• Sampled exclusively by Reverse Circulation (RC) drilling, drill chips. • A mixture of small, crushed pieces of rock (RC Chips) and pulverised material are systematically collected by drill mounted cyclone and samples splitter. • One-meter samples were collected from the drill cyclone and splitter into prenumbered calico bags at a weight of about 2kg each. • The cyclone and sample splitter are cleaned after each drill hole.
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).*	• Reverse Circulation (RC) drilling was used with 127mm diameter (5 inch). • RC drilling is an industry standard drilling practice.
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.*	• No sample loss or cavitation were experienced. • Sample recovery was good and excess of 90%.
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.*	• RC chips are being systematically logged and all geological information available recorded by the logging geologist. • RC Chips logging is more qualitative in nature as the rock has been crushed during the drilling process and some geological information destroyed during this process. • 100% of the intervals are logged and special attention was given to pegmatite intersected. • In relation to the disclosure of visual inspection of chip samples from RC drilling observation, the Company cautions that visual estimates of mineral abundance should never be considered a proxy or substitute for laboratory

Criteria	JORC Code explanation	Commentary
		analysis. Laboratory assay results are required to determine the widths and grade of the visible mineralisation (if reported) in preliminary geological logging. The Company will update the market when laboratory analytical results become available.
Sub-sampling 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 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.*	• All RC samples were submitted to external certified analytical laboratory, ALS – Perth laboratory. • Sample preparation by ALS involved pulverisation of the entire sample (total prep) to a grind size of 85% passing 75 µm and split into smaller subsample/s for analysis (with sub sample size of up to 30g depending on the technique). • Duplicate samples of each sample were taken during drilling. • The ~2kg sample were considered appropriate sample size for the analysis of RC samples.
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 (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.*	• RC drilling samples were analysed for a suite of elements by ALS using lithium suite peroxide fusion method (ICP- MS), MS91-PKG. • Sample preparation checks were carried out by the laboratory as part of its internal procedures. • No geophysical tools or handheld instruments were used to determine any element concentrations in this report. • ALS Limited laboratory includes in each sample batch assayed certified reference materials, blanks and up to 10% replicates. • Inter laboratory cross-checks analysis programmes have not been conducted at this stage. • 15 standard reference material ("CRM"), blank samples and duplicates have been inserted. • The duplicate, CRM and blank sample results are within accepted limits.
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.*	• Drillholes locations are captured digitally on GPS system and then uploaded into EMC's sample database system (which is backed up daily). • Assay data is provided as .csv/xls files from ALS and into the EMC sample database. Spot checks are made against the laboratory certificates. • No twinned hole was completed.
Location of data points	• *Accuracy and quality of surveys used to locate drill holes (collar and*	• Grid system used is Australian Geodetic MGA Zone 50 - GDA94.

Criteria	JORC Code explanation	Commentary
	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.*	• The locations of all drillholes were recorded using a Garmin handheld GPS and averaging for 90 seconds. Expected accuracy is ±3m for easting and northing. • A more accurate survey pickup will be completed at the end of the program, to ensure data is appropriate for geological modelling and Resource Estimation.
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.*	• Drill holes were spaced next to outcrop of pegmatite to intersect at depth. Most drilling is targeting verification and extension of known mineralisation. • It is expected that the data will be utilised in preparation of a Mineral Resource statement. • No sample composting has been applied.
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 have introduced a sampling bias, this should be assessed and reported if material.*	• In general, the aim was to drill perpendicular to the mineralised structures, to gain an estimate of the true thickness of the mineralised structures to make a 3D model and mineral resource. • At several locations, a series (fan) of holes was drilled to help confirm the orientation of the mineralised structures and to keep land disturbance to a minimum.
Sample security	• *The measures taken to ensure sample security.*	• All samples were assigned a unique sample number in the field. Samples were placed in calico sample bags clearly marked with the assigned sample number and transported by company transport to the ALS sample preparation facility in Malaga, Perth, Western Australia. Duplicate samples of each sample were taken during drilling. • Each sample was given a barcode at the laboratory and the laboratory reconciled the received sample list with physical samples. Barcode readers were used at the different stages of the analytical process. • The laboratory uses a LIMS system that further ensures the integrity of results.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• No audit or review outside the QAQC samples have been done. Logging have been reviewed by external consultant to EMC and internally as part of normal validation processes by EMC.

Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section apply to this sections)

Criteria	Statement	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 area is located within Mining Lease M59/714, about 6km southwest of Paynes Find in central Western Australia, covering 192.4 hectares. • The tenement M59/714 held by Everest Metals Corporation (51%). EMC have a farm-in agreement to acquire up to 100% of the rights. M59/714 is valid until 26 October 2030. • The tenement is in good standing and no known impediments exist.
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• Historical tantalum production has been recorded. • Pancontinental Mining -1980's. • Haddington Resources/Australian Tantalum -2002-2003. • MRC Exploration: 2019-2021.
Geology	• *Deposit type, geological setting and style of mineralisation.*	• Numerous pegmatites are found located within the southern portion of the Paynes Find greenstone belt, South Murchison. • Regional geology consists of partly foliated to strongly deformed and recrystallised granitoids intruding Archean ultramafic and felsic to mafic extrusive. Isolated belts of metamorphosed sediments are present with regional metamorphism attaining greenschist and amphibolite facies. • Late pegmatite dykes/ sills intrude the mafic and felsic volcanics in a contrasted position to regional orientation. • The mining lease area has proven Lithium rich zones associated with the pegmatites, as well as historical mining for Tantalum (manganotantalite and alluvial deposits: 1969-1974 Mt Edon by Alfredo Pieri), beryl and microcline feldspar (Goodingnow pits, 1975-1978, Mark Calderwood). • The zonal nature of this pegmatite field has previously been defined with microcline feldspar (including amazonite) in the east (historically mined) and more complex albite rich zones containing Niobium and Lithium in the west (the current Mining Lease area). Lepidolite-Zinnawaldite (Lithium mica) rich pegmatites have been previously identified. • Recent studies highlighted present of economic Rubidium grade in well-developed mica rich zones of Mt Edon pegmatites.

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:*
	  ○ *easting and northing of the drill hole collar*
	  ○ *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar*
	  ○ *dip and azimuth of the hole*
		• A summary of the 14 RC holes (1266m) is reflected in this release.
		• Total number of drillholes – 14 RC
		• The minimum hole length is 48m, maximum 131m and average depth of drilling is 90 metres.
		• East collar ranges – 564472mE to 564654mE.
		• North collar ranges – 6756140mN to 6756556mN.
		• Collar elevation ranges – 334mRL to 370mRL.

Criteria	Statement	Commentary
	○ *down hole length and interception depth* ○ *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.*	• Azimuth ranges – drill sections are orientated in different angle to hit the mineralised zones, ranges from 33° to 268. • Dip ranges – drilled between 50° and 60.
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.*	• No drilling results reported. • As all samples are 1 metre in length, calculated weighted average intervals are continuous intervals of a mineralized zone and do not include unsampled intervals or unmineralized intervals. • No metal equivalent values are reported. • Conversion of elemental analysis (ppm) to stoichiometric oxide (%) was undertaken by EMC geological staff using standard conversion factors related to each element.
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').*	• In general, drilling is designed to intersect the mineralized zone at a normal angle, but this is not always possible. For the reported intervals, true widths are reported where pegmatites observed. • The orientation / geometry of mineralisation is unknown.
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.*	• Maps, sections, and plan view are provided in this report.
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.*	• All significant anomaly results are provided in this report. Intersection with grades above 0.15% Rb has been reported in this release. • The report is considered balanced and provided in context.
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.*	• In 2023, the Company completed two stages of drilling as well as DGPR geophysical survey. • Result of specific gravity tests of 65 samples indicated average 2.64 g/cm^3 for ore body (Pegmatite). • Substantial mineralogical studies (XRD, FTIR, EPMA and LA ICP-MS) undertaken to better understand of mineralogy of high grade Rb and its distribution.

Criteria	Statement	Commentary
		• No other data is material to this report, further details will be reported in future releases when data is available.
Further work	• *The nature and scale of planned further work (eg 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.*	• 3D modelling of the results to build a maiden resource model. • Further resource drilling is planned for the September quarter 2024. • Supplementary mineralogical studies (XRD and FTIR) are ongoing. • Metallurgical work for extraction of rubidium is continuing at ECU's Mineral Recovery Research Centre (MRRC).