

# ASX RELEASE 28 OCTOBER 2022 ASX I GT1

# THICK HIGH GRADE SPODUMENE FROM SURFACE AT ROOT LITHIUM PROJECT

#### **HIGHLIGHTS**

- Inaugural Phase 1 diamond drilling at McCombe (Root Project) has intersected thick and continuous high grade spodumene pegmatites from surface
- Assays have been received for the first 9 holes from the Phase 1 diamond drilling including:
  - o RL-22-001 for 12.4m @ 1.77% Li<sub>2</sub>0 from 11.8m
  - RL-22-002 for 15.3m @ 1.20% Li₂0 from 42.2m (incl. 10.8 @ 1.65% Li₂0)
  - o RL-22-003 for 11.5m @ 2.03% Li<sub>2</sub>0 from 72.0m
  - o RL-22-006 for 9.5m @ 1.54% Li<sub>2</sub>0 from 21.7m
  - o RL-22-007 for 9.8m @ 1.51% Li<sub>2</sub>0 from 64.9m (incl. 8.0m @ 1.81% Li<sub>2</sub>0)
  - o RL-22-008 for 8.8m @ 1.80% Li<sub>2</sub>0 from 71.5m (incl. 8.0m @ 1.94% Li<sub>2</sub>0)
- 19 holes have been drilled to date, all intersecting spodumene bearing pegmatites
- Two diamond drill rigs are now operating 24/7 and due to drill success, the initial program will be expanded along strike and down dip
- All-weather 20-person camp now fully operational with plans to expand
- Mapping at Root has identified new untested spodumene pegmatites along strike
- Stage 1 Archaeology Assessment, desktop and physical inspection in progress at Root

Green Technology Metals Limited (**ASX: GT1**) (**GT1** or the **Company**) is pleased to announce inaugural assay results from its **100%-owned** Root Project (McCombe Deposit), located approximately 200 km west of GT1's flagship Seymour Project. Drilling is initially focussed on the McCombe LCT pegmatite system to delineate a maiden Mineral Resource.

"Because Root hasn't been properly explored since 1950, substantial opportunity exists to undertake systematic and modern exploration of this tenure. These initial assay results and intercept thicknesses from McCombe are outstanding, and together with mapping of new untested pegmatites, clearly justify the ramping up of our drilling and broader activities at Root over the coming months."

GT1 Chief Executive Officer, Luke Cox











Figure 1: McCombe, Morrison and Root Bay spodumene pegmatites at surface

## McCombe (Root Project)

The McCombe LCT (Lithium-Caesium-Tantalum) pegmatite is currently the most advanced prospect at the Root Project. Historical drilling completed by previous owners in 2016 saw six holes drilled, which intersected numerous pegmatites, generally dipping to the south and striking east-west. This drilling confirmed 1950 historical drill results and demonstrated the down dip continuity of the lithium mineralisation, including a key extensional intercept of **67m @ 1.75% Li<sub>2</sub>0** (see GT1 ASX release dated 8 November 2021, *Prospectus*).

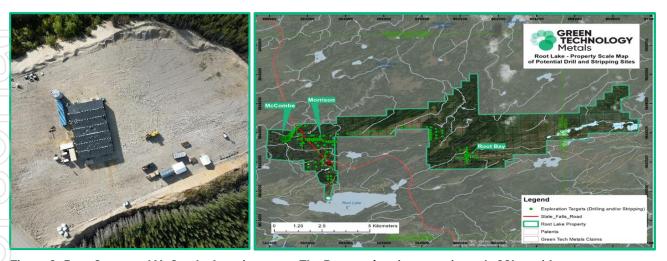


Figure 2: Root Camp and McCombe location map – The Root project is approximately 20km wide, east to west

## Maiden GT1 drilling at McCombe

Diamond drilling commenced in September 2022 initially with just one drill rig operating 24/7 on the Phase 1 drilling program. Drilling was temporarily suspended for 2 weeks in October to allow First Nation traditional hunting activities to proceed without any interference. The consideration of stakeholder's traditional activities is a key part of GTI's Early Exploration Agreement commitment to the local indigenous groups and safety commitment to the GT1 team. Drilling has now resumed with two diamond drill rigs operating on a 24/7 basis nearing completion of this 22-hole, 2,500m Phase 1 program.

- Of nineteen holes drilled to date, all holes have intersected spodumene bearing pegmatite and nine holes have assay results returned (see Figures 3 and 4, and Table 1).
- Initial interpretation of just two drill fence lines show the pegmatite dipping shallowly to the south and striking east-west.
- The pegmatite has considerable thickness from surface and continuous high grade, correlating well with historical drilling.



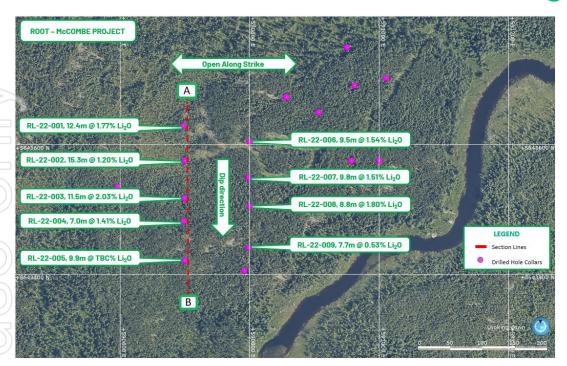


Figure 3: Plan map of McCombe Phase 1 drilling and cross section line (A-B)

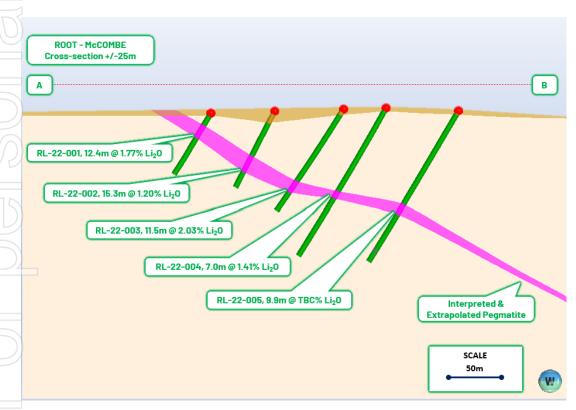


Figure 4: Section map A-B Looking East (Hole RL-22-005 assays being re-checked with laboratory)

Table 1: Drill hole



HOLEID	Easting	Northing	Elevation	Dip	Azimuth	From	То	Thickness	Grade %
RL-22-001	590698	5643629	397	- 59	358	11.8	24.2	12.4	1.77
RL-22-002	590700	5643575	397	- 62	360	42.2	57.5	15.3	1.20
RL-22-003	590699	5643517	397	- 58	358	72.0	83.5	11.5	2.03
RL-22-004	590698	5643482	397	- 61	357	80.5	87.4	7.0	1.41
RL-22-005	590699	5643421	395	- 60	357	90.8	100.7	9.9	TBC
RL-22-006	590800	5643604	398	- 59	360	21.7	31.2	9.5	1.54
RL-22-007	590799	5643549	393	- 61	359	64.9	74.7	9.8	1.51
RL-22-008	590801	5643505	392	- 61	359	71.5	80.3	8.8	1.80
RL-22-009	590799	5643441	395	- 61	2	91.7	99.4	7.7	0.53



Figure 5: RL-22-001 – Whole NQ Core diamond core showing high density spodumene crystal laths, 12.38m @ 1.85% Li₂0

## Substantial further targets at Morrison and Root Bay

The **Morrison** LCT spodumene pegmatites, located approximately 1km east of McCombe, were explored by Consolidated Morrison Explorations Ltd in the mid to late 1950's. The pegmatites strike east west and dip about 30 degrees towards the south. Outcrop of the pegmatite is about 200m long and tested by trenching, but historical drilling has also proved the strike of the pegmatite to be at least 1.6km.

#### The Morrison pegmatites are open along-strike and down-dip.

The **Root Bay** LCT spodumene pegmatite has no historical drilling, however a channel sample returned 14m @ 1.67% Li<sub>2</sub>O including 3m at 2.24% Li<sub>2</sub>O (see GT1 ASX release dated 8 November 2021, *Prospectus*). Field exploration mapping completed in September and October 2022 by GT1 has located additional spodumene occurrences 300m west along a magnetic and topographic ridge running east-west. The initial geological model (hypothesis) has the pegmatites crosscutting the magnetic high, north-south in a potential stacked system.

Exploration drilling programs are planned to progressively test these two target areas over the next 12 months, building upon the recent success at McCombe.



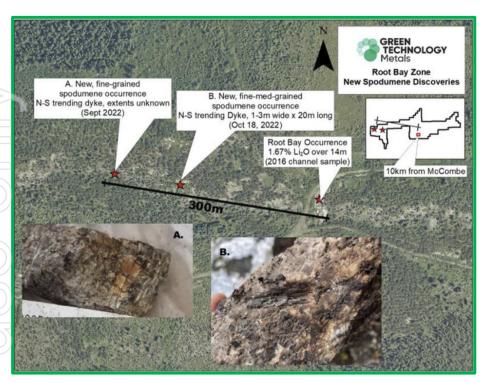


Figure 6: New spodumene discoveries located at Root Bay (location easting 600500 northing 5642000)

#### The Western Hub

The **100% owned** Root Project forms part of GT1's Western Hub being the combination of all GT1's tenements west of Seymour which comprise its targeted second phase mine developments following development of the flagship Seymour Project, also 100% owned (Eastern Hub). The Root Project is the first area planned to be developed within the Western Hub as part of GT1's long-term lithium supply chain strategy in Ontario.



Figure 7: Western Hub location map



To expedite the development process, GT1 has commenced Stage 1 Archaeology desktop and physical inspection at Root. Dr Dave Norris, Senior Archaeologist of Woodland Heritage North has been engaged to complete the Stage 1 archaeological assessment, which involves both a background study and physical inspection of the Root Project property.

Background studies involve a review of documents pertaining to the region where the proposed development will take place, including historic maps, aerial photographs, and local histories. The results of the desktop study, in consultation with Ontario's Ministry of Tourism and Culture, confirm **there are no listed or known archaeological sites at Root**.

As a matter of due diligence and our commitment to ongoing community engagement, Woodland Heritage North have proceeded with the physical inspection of the noted properties with participation from Lac Seul First Nation. The final report will be received in the coming months.

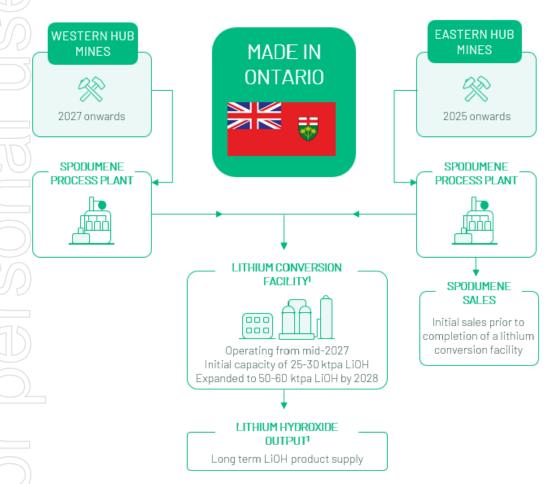


Figure 8: Made in Ontario GT1 Strategy\*

\*Potential lithium chemical conversion facility capacities presented are to be evaluated by the Company as part of its downstream and integrated feasibility study work, which is targeted for completion in H1 CY24. The numbers are not projections of future production and investors are cautioned not to rely on the potential plant capacities as being indicative of forecast production volumes.

This ASX release has been approved for release by the Board.



#### **KEY CONTACTS**

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## Green Technology Metals (ASX:GT1)

GT1 is a North American focussed lithium exploration and development business. The Company's Ontario Lithium Projects comprise high-grade, hard rock spodumene assets (Seymour, Root and Wisa) and lithium exploration claims (Allison and Solstice) located on highly prospective Archean Greenstone tenure in north-west Ontario, Canada.

All sites are proximate to excellent existing infrastructure (including hydro power generation and transmission facilities), readily accessible by road, and with nearby rail delivering transport optionality.

Seymour has an existing Mineral Resource estimate of 9.9 Mt @ 1.04% Li<sub>2</sub>0 (comprised of 5.2 Mt at 1.29% Li<sub>2</sub>0 Indicated and 4.7 Mt at 0.76% Li<sub>2</sub>0 Inferred). Accelerated, targeted exploration across all three projects delivers outstanding potential to grow resources rapidly and substantially.



<sup>1</sup> For full details of the Seymour Mineral Resource estimate, see GT1 ASX release dated 23 June 2022, *Interim Seymour Mineral Resource Doubles to 9.9Mt*. The Company confirms that it is not aware of any new information or data that materially affects the information in that release and that the material assumptions and technical parameters underpinning this estimate continue to apply and have not materially changed.



#### **APPENDIX A: IMPORTANT NOTICES**

## **Competent Person's Statements**

Information in this report relating to Exploration Results is based on information reviewed by Mr Luke Cox (Fellow AusIMM). Mr Cox has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined by the 2012 Edition of the Australasian Code for reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Cox consents to the inclusion of the data in the form and context in which it appears in this release. Mr Cox is the Chief Executive Officer of the Company and holds securities in the Company.

Information in this report relating to Mineral Resource Estimation is based on information reviewed by Mr John Winterbottom (Member AIG). Mr Winterbottom has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined by the 2012 Edition of the Australasian Code for reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Winterbottom consents to the inclusion of the data in the form and context in which it appears in this release. Mr Winterbottom is the General Manager of Technical Service for the Company and holds securities in the Company.

## **Forward Looking Statements**

Certain information in this document refers to the intentions of Green Technology Metals Limited (ASX: GT1), however these are not intended to be forecasts, forward looking statements or statements about the future matters for the purposes of the Corporations Act or any other applicable law. Statements regarding plans with respect to GT1's projects are forward looking statements and can generally be identified by the use of words such as 'project', 'foresee', 'plan', 'expect', 'aim', 'intend', 'anticipate', 'believe', 'estimate', 'may', 'should', 'will' or similar expressions. There can be no assurance that the GT1's plans for its projects will proceed as expected and there can be no assurance of future events which are subject to risk, uncertainties and other actions that may cause GT1's actual results, performance or achievements to differ from those referred to in this document. While the information contained in this document has been prepared in good faith, there can be given no assurance or guarantee that the occurrence of these events referred to in the document will occur as contemplated. Accordingly, to the maximum extent permitted by law, GT1 and any of its affiliates and their directors, officers, employees, agents and advisors disclaim any liability whether direct or indirect, express or limited, contractual, tortuous, statutory or otherwise, in respect of, the accuracy, reliability or completeness of the information in this document, or likelihood of fulfilment of any forward-looking statement or any event or results expressed or implied in any forward-looking statement; and do not make any representation or warranty, express or implied, as to the accuracy, reliability or completeness of the information in this document, or likelihood of fulfilment of any forward-looking statement or any event or results expressed or implied in any forward-looking statement; and disclaim all responsibility and liability for these forward-looking statements (including, without limitation, liability for negligence).



# APPENDIX B: JORC CODE, 2012 EDITION - Table 1 Report

# **Section 1 Sampling Techniques and Data**

Criteri	JORC Code	Commentary
	explanation	
Sampli technic		The McCombe deposit at the Root project is a new discovery and, as such, has not been historically sampled.  An excavator has exposed and enlarged the outcrop area to make it amenable to mapping and sampling. GT1 commenced a diamond drilling on September 3, 2022 at the McCombe prospect with 19 holes completed to date and more planned.  Diamond Drilling  Diamond Drilling  Diamond Drilling  Diamond Brilling was used to obtain nominally 1m downhole samples of core.  No core samples were ½ cored using a diamond saw with ½ the core placed in numbered sample bags for assaying and the other half retained in sequence in the core tray.  ½ core samples were approximately 3.0kg in weight with a minimum weight of 500grams.  Core was cut down the apex of the core and the same downhole side of the core selected for assaying to reduce potential sampling bias.  Channel Samples  Preparation prior to obtaining the channel samples including grid and geo-references and marking of the pegmatite structures.  Samples were cut across the pegmatite with a diamond saw perpendicular to strike.  Average I metre samples are obtained, logged, removed and bagged and secured in accordance with AOQ Procedures.  Samples were then transported directly to the laboratory for analysis accompanied with the log and instruction forms.  Bagging of the samples was supervised by a geologist to ensure there are no numbering mixups.  One tag from a triple tag book was inserted in the sample bag.



	Criteria JORC Code		Commentary		
	Gilleria	explanation	Confinentary		
		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.			
	Drilling	Drill type (eg core,	Tri-cone drilling was undertaken through the thin overburden prior to NQ2 diamond drilling through		
	techniques	reverse	the primary rock using a standard tube.		
		circulation, open-			
		hole hammer,			
		rotary air blast,			
$\leq$		auger, Bangka,			
		sonic, etc) and			
		details (eg core			
		diameter, triple or			
1		standard tube,			
刂		depth of diamond tails, face-			
		sampling bit or			
		other type,			
		whether core is			
		oriented and if so,			
$\mathcal{I}$		by what method,			
		etc).			
	Drill sample	Method of	No core was recovered through the overburden tri-coned section of the hole (top 5m of the hole)		
	recovery	recording and	Core recovery through the primary rock and mineralised pegmatite zones was variable. Country rock,		
		assessing core	mainly meta basalts showed high,>98% recoveries.		
		and chip sample	The core has not been assayed yet so no correlation between grade and recovery can be made at this		
5)		recoveries and	time. Recovery was determined by measuring the recovered metres in the core trays against the		
긔		results assessed.	drillers core block depths for each run.		
		Measures taken to			
		maximise sample			
- 4		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.			
		material.			

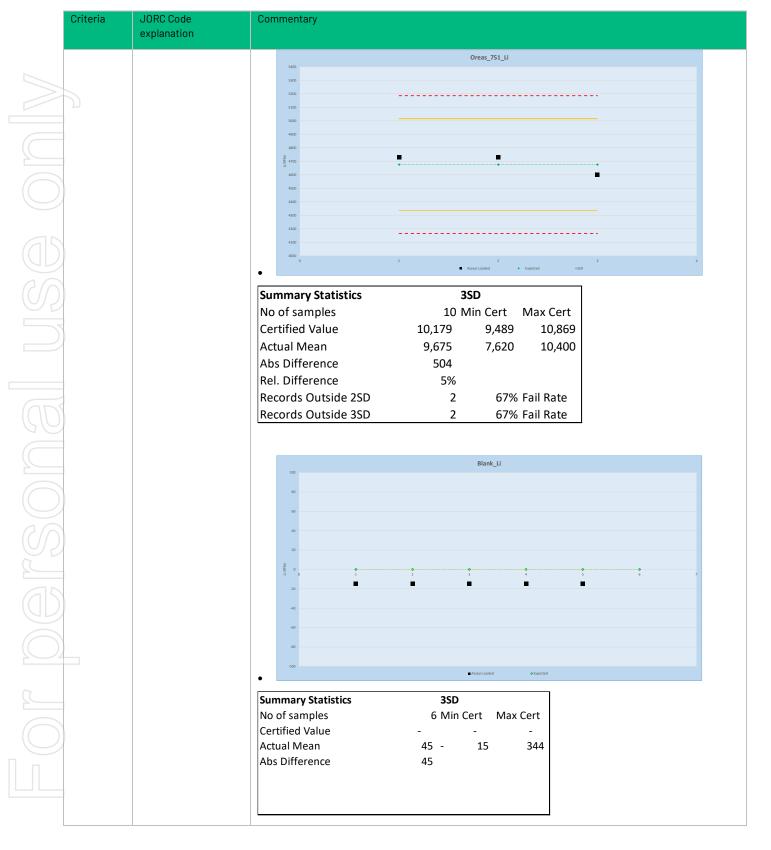


Criteria	JORC Code explanation	Commentary
Sub- sampling techniques and sample preparation	<ul> <li>Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <li>Measures taken to ensure that the sampling is representative of the in situ material</li> </ul>	<ul> <li>Each sample was logged for lithology, minerals, grainsize and texture as well as alteration, sulphide content, and any structures.</li> <li>Logging is qualitative in nature.</li> <li>Samples are representative of an interval or length.</li> <li>Sampling will be undertaken for the entire cross strike length of the intersected pegmatite unit at nominal Im intervals with breaks at geological contacts. Sampling extended into the country mafic rock.</li> <li>Each ½ core sample was dried, crushed to entirety to 90% -10 mesh, riffle split (up to 5 kg) and then pulverized with hardened steel (250 g sample to 95% -150 mesh) (includes cleaner sand).</li> <li>Blanks and Certified Reference samples will be inserted in each batch submitted to the laboratory at a rate of approximately 1:20.</li> <li>The sample preparation process is considered representative of the whole core sample.</li> </ul>



	Criteria	JORC Code explanation	Commentary
	Quality of	including for instance results for field duplicate/second- half sampling.  Whether sample sizes are appropriate to the grain size of the material being sampled.  The nature, quality	
75	assay data and	and appropriateness	<ul> <li>Actlabs inserted internal standards, blanks and pulp duplicates within each sample batch as part of their own internal monitoring of quality control.</li> </ul>
	laboratory	of the assaying	GT1 inserted certified lithium standards and blanks into each batch submitted to Actlabs to monitor
20	tests	and laboratory procedures used	precision and bias performance at a rate of 1:20.  • The major element oxides and trace elements including Rb, Cs, Nb, Ta and Be were analysed by FUS-
$\cup$		and whether the	ICP and FUS-MS (4Litho-Pegmatite Special) analytical codes which uses a lithium metaborate
		technique is	tetraborate fusion with analysis by ICP and ICPMS.
		considered partial or total.	<ul> <li>QAQC results to date do not indicate any significant issues with the assay</li> <li>.</li> </ul>
		<ul> <li>For geophysical</li> </ul>	Oreas_751_Li
		tools,	\$400 \$300
OF		spectrometers, handheld XRF	5200
<u>UU</u>		instruments, etc,	5000
		the parameters	4900
		used in determining the	4800 S & # # # # # # # # # # # # # # # # # #
		analysis including	4500
$(\bigcirc)$		instrument make	4500
		and model, reading times,	4100
((((())))		calibrations	4700
		factors applied	4000
		and their derivation, etc.	0 1 2 3 4  ■ Assays Loaded + Expected +350
(1)		<ul> <li>Nature of quality</li> </ul>	Summary Statistics 3SD
UU		control	No of samples 3 Min Cert Max Cert
		procedures	Certified Value 4,675 4,165 5,185
		adopted (eg standards, blanks,	Actual Mean 4,687 4,600 4,730
		duplicates,	Abs Difference 11
		external	Rel. Difference 0% Records Outside 2SD 0 0% Fail Rate
		laboratory checks) and whether	Pacarde Outside 3SD 0 0% Fail Pate
		acceptable levels	• Records Outside 33D 0 0/01 all Nate
		of accuracy (ie	
		lack of bias) and precision have	
		been established.	







Criteria	JORC Code explanation	Commentary
		LabChecks_Li   1000
Verification of sampling and assaying	<ul> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> <li>Discuss any</li> </ul>	<ul> <li>Most of the holes in the McCombe program to date are drilled close to existing historic drilling from the 1950's. Whilst the historic drilling suggests some spatial issues with the holes collar locations, the current drilling largely supports the existence of significant pegmatite and Li<sub>2</sub>0 intersections at McCombe.</li> <li>Historic drilling data could not be verified and QAQC was likely not included in the testing regime at the time.</li> <li>The laboratory assay results have been sourced directly from the laboratory and the laboratory file directly imported directly into GTI's SQL database.</li> <li>All north seeking gyroscope surveys are uploaded directly from the survey tool output file and visually validated.</li> <li>Geological logs and supporting data are uploaded directly to the database using custom built importers to ensure no chance of typographical errors.</li> <li>No adjustment to laboratory assay data was made other than conversion of Li ppm to Li<sub>2</sub>0 using a factor of 2.153</li> </ul>



Criteria	JORC Code explanation	Commentary
	adjustment to assay data.	
Location of data points	Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.     Specification of the grid system used.     Quality and adequacy of topographic control.	A GPS reading was taken for each sample location using UTM NAD83 Zone15 (for Seymour); waypoin averaging or dGPS was performed when possible.  GT1 undertook a Lidar survey of the Root area in 2022 (+/- 0.15m) which underpins the local topographic surface.  GT1 has used continuous measurement north seeking gyroscope tools with readings retained every 5m downhole.
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	NA – insufficient drilling has been undertaken to estimate the degree of geological and grade continuity to support a Mineral Resource or Ore Reserve.
Orientation	<ul><li>been applied.</li><li>Whether the</li></ul>	The current drilling program is drilled to achieve as close to a representative intersection of the
of data in relation to	orientation of sampling achieves unbiased sampling	pegmatites as possible which dip moderately to the south. Holes are orientated approximately nort and 60 degrees inclination.



Criteria	JORC Code explanation	Commentary
geological	of possible	Grab and trench samples were taken where outcrop was available. All attempts were made to ensure
structure	structures and the	trench samples represented traverses across strike of the pegmatite.
Structure	extent to which	trenon samples represented traverses across strike or the peginatite.
l D	this is known,	
	considering the	
	deposit type.	
	If the relationship	
	between the	
	drilling orientation	
	and the	
1	orientation of key	
	mineralised	
	structures is	
	considered to	
l	have introduced a	
	sampling bias, this	
1	should be	
1	assessed and	
	reported if	
	material.	
Sample	The measures	All core and samples were supervised and secured in a locked vehicle, warehouse, or container until
security	taken to ensure	delivered to Actlabs in Thunder Bay for cutting, preparation and analysis.
Security	sample security.	delivered to Actiabs in Munder day for cutting, preparation and analysis.
Audits or		- NA
4	The results of any	• NA
reviews	audits or reviews	
1	of sampling	
	techniques and	
	data.	

# Section 2 Reporting of Exploration Results

J.			-
$\Box$	Criteria	JORC Code explanation	Commentary
	Mineral tenement and land tenure status	<ul> <li>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.</li> <li>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.</li> </ul>	<ul> <li>Green Technology Metals (ASX:GT1) formerly owned 80% and Ardiden Ltd (ASX:ADV) 20%. On 24 October 2022, GT1 announced that it has executed a binding agreement (Binding Agreement) with Ardiden Limited (ASX:ADV) (Ardiden) to purchase the residual 20% free-carried interest in the Ontario Lithium Projects (Seymour, Root and Wisa JV tenure) held by Ardiden.</li> <li>GT1 also announced 24 October that it has formally executed a deed with Landore Resources Canada Inc. to purchase and extinguish 50% (1.5%) of the 3% net smelter royalty (NSR) interest over the Root Project. The consideration for the purchase was comprised of C\$2 million cash payment to extinguish 1.5% of the Root Project NSR. GT1 retains the right to buy back the remaining 50% (1.5%) of the NSR for C\$1m.</li> <li>Root Lithium Asset consist of 249 single</li> </ul>



Criteria	JORC Code explanation	Commentary
		and boundary cell claims (Exploration Licences), 33 patent claims and 3 mining licence of occupation claims (total 285 claims) with a total claim area of approximately 5,376ha.  All Cell Claims are in good standing An Active Exploration Permit for 3 years exist over the Root Lithium Assets, including the McCombe Deposit, Morrison Prospect and Root Bay Prospect.  There is an Early Exploration Agreement with Slate Falls Nation and Lac Seul First Nation, who are supportive of GT1 exploration activities.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	<ul> <li>Regional exploration for lithium deposits commenced in the 1950's.</li> <li>In 1955-1956 Capital Lithium Mines Ltd. geologically mapped and sampled dikes near the McCombe Deposit with the highest recorded channel sample of 1.52m at 3.06% Li<sub>2</sub>0. 7 drill holes (1,042.26m total) within the McCombe Deposit and Root Lake Prospect yielding low lithium assays. According to Mulligan (1965), Capital Lithium Mines Ltd. reported to Mulligan that they drilled at least 55 holes totalling 10469.88m in 1956. They delineated 4 pegmatite zones and announced a non-compliant NI 41-101 reserve calculation of 2.297 million tons at 1.3% Li<sub>2</sub>0. However, none of that information is available on the government database.</li> <li>In 1956, Consolidated Morrison Explorations Ltd drilled 16 holes (1890m total) at the Morrison prospect recording 3.96m at 2.63% Li<sub>2</sub>0.</li> <li>In 1956, Three Brothers Mining Exploration southwest of the McCombe Deposit that did not intersect pegmatite</li> <li>In 1957, Geo-Technical Development Company Limited on behalf of Continental Mining Exploration conducted a magnetometer survey and an electromagnetic check survey on the eastern claims of the Root Lithium Project to locate pyrrhotite mineralization</li> <li>In 1977, Northwest Geophysics Limited on behalf of Noranda Exploration Company Ltd. conducted an electromagnetic and magnetometer survey for sulphide</li> </ul>



conductors on a small package of claims east of the Morrison Prospect. Noranda also conducted a mapping and sampling program over the same area, mapped a new pegmatite dike and sampled a graphitic schist sassaying 0.03% Cu and 0.15% Zn.  In 1988, Harold A. Watts prospected, trenched and sampled spodumene-bearing pegmatites with the Morrison Prospect assaying up to 5.19% Ligo. In 2002 stripped and blasted Z more spodumene-bearing pegmatites near the Morrison prospect.  In 2005, Landore Resources Canadi In 2005, Landore Resources Canadi In 2005, Landore Resources Canadi In 2006, Landore Resources Canadi In 2008, Rockex Ltd. on behalf of Robert Alian Ross stripped and trenched 40 trenches for iron, gold and base metals associated with oxide iron formation. All Fe assays were above 25% (up to 47.5% Fe), 3 golf abones were discovered with assays up to 4.0914 Au in 20ne A (Root Bay Bold Prospect), 1.3% yd, Au over 0.5m in Trench 9, 0.19% Cu 2n over 8m and up to 0.14%, Li-0 in 20ne B. Best assays of samples collected north-east area of Root Bay had up to 394pm Zn, 389ppm Cu, 185ppm Ni, 102ppm Co and 57.0ppm Mo.  In 2009, Golden Dory Resources
along with Harold A. Watts conducted a due diligence sampling program to validate historic data from the Morrison Prospect. Highest grab sample was 5.10% Li <sub>2</sub> O and a channel sample of 5m at 4.44% Li <sub>2</sub> O. In 2011, Geo Data Solutions GDS Inc. on behalf of Rockex Ltd. flew a high-resolution helicopter borne



Criteria	JORC Code explanation	Commentary
		Prospect to look for magnetic contrasts between pegmatites and metasedimentary units. They also conducted a prospecting (lithium) and soil sampling (gold) program at the Rook Lake Prospect and east of the Morrison Prospect. Highest Li assays within GM1 claims was 0.0037% Li <sub>2</sub> 0 and a gold soil assay of 52ppb Au.  In 2016, Ardiden Ltd. conducted a drilled 7 diamond drill holes (469m total) within the McCombe deposit. Highest assay was 1m at 3.8% Li <sub>2</sub> 0. A hole drilled down dip intersected 70m at 1.7% Li <sub>2</sub> 0. An outcrop sampling within the Morrison and Root Bay Prospects yielded 0.04% Li <sub>2</sub> 0. Channel sample within the Morrison Prospect had 5m at 2.09% Li <sub>2</sub> 0 and within the Root Bay Prospect, 14m at 1.67% Li <sub>2</sub> 0.  In 2021, KBM Resources Group on behalf of Kenorland Minerals North America Ltd. conducted an 800km² aerial LIDAR acquisition survey over their South Uchi Property which intersects a very small portion of the patented claims held by GM1, just west of the McCombe Deposit.
Geology	Deposit type, geological setting and style of mineralisation.	Regional Geology: The Root Lithium     Asset is located within the Uchi Domain, predominately metavolcanic units interwoven with granitoid batholiths and English River Terrane, a highly metamorphosed to migmatized, clastic and chemical metasedimentary rock with abundant granitoid batholiths. They are part of the Superior craton, interpreted to be the amalgamation of Archean aged microcontinents and accretionary events. The boundary between the Uchi Domain and the English River Terrane is defined by the Sydney Lake – Lake St. Joseph fault, an east west trending, steeply dipping brittle ductile shear zone over 450km along strike and 1 – 3m wide.  Several S-Type, peraluminous granitic plutons host rare-element mineralization near the Uchi Domain and English River subprovince boundary. These pegmatites include the Root Lake Pegmatite Group, Jubilee Lake Pegmatite Group, Sandy Creek Pegmatite and East Pashkokogan Lake Lithium Pegmatite.  Local Geology: The Root Lithium Asset contains most of the pegmatites within the Root Lake Pegmatite Group including



Criteria	JORC Code explanation	Commentary
		the McCombe Pegmatite, Morrison Prospect, Root Lake Prospect and Root Bay Prospect. The McCombe Pegmatite and Morrison Prospect are hosted in predominately mafic metavolcanic rock of the Uchi Domain. The Root Lake and Root Bay Prospects are hosted in predominately metasedimentary rocks of the English River Terrane. On the eastern end of the Root Lithium Asset there is a gold showing (Root Bay Gold Prospect) hosted in or proximal to silicate, carbonate, sulphide, and oxide iron formations of the English River Terrane.  Ore Geology: The McCombe Pegmatite is internally zoned. These zones are classified by the tourmaline discontinuous zone along the pegmatite contact, white feldspar-rich wall zone, tourmaline-bearing, equigranular to porphyritic potassium feldspar sodic apalite zone, tourmaline-being, porphyritic potassium feldspar spodumene pegmatite zone and lepidolite-rich pods and seams (Breaks et al., 2003). Both the McCombe and Morrison pegmatites have been classified as complex-type, spodumene-subtype (Černý 1991a classification) based on the abundance of spodumene, highly evolved potassium feldspar chemistry and presence of petalite, mircolite, lepidolite and lithium-calcium liddicoatite (Breaks et al., 2003).
Drill hole Information	<ul> <li>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:         <ul> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> <li>hole length.</li> </ul> </li> <li>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.</li> </ul>	McCombe lies within the western edge of the Root project and hosts a non-JORC compliant Mineral Resource based on 1950's drilling.      The deposit is being re-drilled to modern industry standards sampling NQ diamond core. Collar locations are noted below and all coordinates are in North American Datum 1983 (NAD83) Zone 15:    North American



Criteria	JORC Code explanation	Commentary
		intervals of the McCombe pegmatites are approximate to true widths.
		HOLEID         Thickness         Grade %           RL-22-001         12.38         1.77           RL-22-002         15.32         1.20           RL-22-003         11.47         2.03           RL-22-004         6.97         1.41           RL-22-005         9.93         TBC           RL-22-006         9.50         1.54           RL-22-007         9.77         1.51           RL-22-008         8.75         1.80           RL-22-009         7.68         0.53
Data aggregation methods	<ul> <li>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.</li> <li>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.</li> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>	<ul> <li>Length weighted Li<sub>2</sub>Oaverages are used across the downhole length of intersected pegmatites</li> <li>Grade cut-offs have not been incorporated.</li> <li>No metal equivalent values are quoted.</li> </ul>
Relationship between mineralisation widths and intercept lengths	<ul> <li>These relationships are particularly important in the reporting of Exploration Results.</li> <li>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').</li> </ul>	Holes drilled by GT1 attempt to pierce the mineralised pegmatite approximately perpendicular to strike, and therefore, the downhole intercepts reported are approximately equivalent to the true width of the mineralisation.     Trenches are representative widths of the exposed pegmatite outcrop. Some exposure may not be a complete representation of the total pegmatite width due to recent glacial deposit cover limiting the available material to be sampled.
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.	The appropriate maps are included in the announcement.
Balanced reporting	Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of	Pegmatite downhole interval summary with associated assay results are listed in Appendix C



Criteria	JORC Code explanation	Commentary
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.	GT1 completed a high resolution Heliborn Magnetic geophysical survey over the property in July 2022. The survey was undertaken by Propsectair using their Robinson R-44 and EC120B helicopters.     Survey details, 1,201 line-km, 50m line spacing, direction 179 degrees to crosscupegmatite strike, 50m altitude. Control lines were flown perpendicular to these lines at 500m spacing.     Images have been received Total Magnetics.  Interpretation is currently being completed by Southern Geoscience
Further work	<ul> <li>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>	Further extensional drilling is currently being carried out at McCombe testing strike extents over 500m in length and downdip extensions up to 300m from the current outcrop.

#### References

Breaks, F.W., Selway, J.B. and Tindle, A.G., (2003) Fertile peraluminous granites and related rare element mineralization in pegmatites, Superior province, northwest and northeast Ontario:

Operation Treasure Hunt. Ontario Geological Survey, Open File Report 6099, 179 p.

Černý, P. (1991a) Rare-element granitic pegmatites, part I. Anatomy and internal evolution of pegmatite deposits; Geoscience Canada, v.18, p.49-67.



# **Appendix C Downhole Interval Summary**

	HOLEID	FROM	то	INTERVAL	Li2O_ppm	Ta2O5_ppm	LITH
	RL-22-001	0.00	2.20	2.20			Overburden
	RL-22-001	2.20	2.28	0.08			Overburden
	RL-22-001	2.28	6.00	3.72			Sediment
	RL-22-001	6.00	9.00	3.00			Sediment
	RL-22-001	9.00	10.85	1.85			Sediment
	RL-22-001	10.85	11.84	0.99	7,836	5	Sediment
	RL-22-001	11.84	12.00	0.16	10,204	98	Pegmatite
<i>a</i>	RL-22-001	12.00	12.84	0.84	10,204	98	Pegmatite
	RL-22-001	12.84	13.84	1.00	23,464	94	Pegmatite
26	RL-22-001	13.84	14.84	1.00	19,740	100	Pegmatite
(U/2)	RL-22-001	14.84	15.00	0.16	27,124	48	Pegmatite
	RL-22-001	15.00	15.84	0.84	27,124	48	Pegmatite
	RL-22-001	15.84	16.84	1.00	18,900	53	Pegmatite
	RL-22-001	16.84	17.84	1.00	14,853	33	Pegmatite
	RL-22-001	17.84	18.00	0.16	22,172	43	Pegmatite
	RL-22-001	18.00	18.84	0.84	22,172	43	Pegmatite
	RL-22-001	18.84	19.82	0.98	19,718	72	Pegmatite
	RL-22-001	19.82	20.82	1.00	20,127	53	Pegmatite
	RL-22-001	20.82	21.00	0.18	18,534	62	Pegmatite
	RL-22-001	21.00	21.82	0.82	18,534	62	Pegmatite
	RL-22-001	21.82	22.82	1.00	16,963	89	Pegmatite
26	RL-22-001	22.82	23.58	0.76	8,998	102	Pegmatite
(U/2)	RL-22-001	23.58	24.00	0.42	1,119	89	Pegmatite
	RL-22-001	24.00	24.22	0.22	1,119	89	Pegmatite
	RL-22-001	24.22	24.23	0.01	1,119	89	Sediment
	RL-22-001	24.23	25.25	1.02	3,724	2	Sediment
	RL-22-001	25.25	27.00	1.75			Sediment
	RL-22-001	27.00	30.00	3.00			Sediment
	RL-22-001	30.00	33.00	3.00			Sediment
(7	RL-22-001	33.00	36.00	3.00			Sediment
	RL-22-001	36.00	39.00	3.00			Sediment
	RL-22-001	39.00	42.00	3.00			Sediment
	RL-22-001	42.00	45.00	3.00			Sediment
Пп	RL-22-001	45.00	48.00	3.00			Sediment
	RL-22-001	48.00	51.00	3.00			Sediment
	RL-22-001	51.00	54.00	3.00			Sediment
	RL-22-001	54.00	57.00	3.00			Sediment
	RL-22-001	57.00	60.00	3.00			Sediment
	RL-22-002	0.00	11.30	11.30			Overburden
	RL-22-002	11.30	12.00	0.70			Sediment



RL-22-002	12.00	15.00	3.00			Sediment
RL-22-002	15.00	18.00	3.00			Sediment
RL-22-002	18.00	21.00	3.00			Sediment
RL-22-002	21.00	24.00	3.00			Sediment
RL-22-002	24.00	27.00	3.00			Sediment
RL-22-002	27.00	30.00	3.00			Sediment
RL-22-002	30.00	33.00	3.00			Sediment
RL-22-002	33.00	36.00	3.00			Sediment
RL-22-002	36.00	39.00	3.00			Sediment
RL-22-002	39.00	41.20	2.20			Sediment
RL-22-002	41.20	42.00	0.80	3,423	13	Sediment
RL-22-002	42.00	42.20	0.20	3,423	13	Sediment
RL-22-002	42.20	43.20	1.00	816	100	Pegmatite
RL-22-002	43.20	44.20	1.00	786	134	Pegmatite
RL-22-002	44.20	45.00	0.80	878	125	Pegmatite
RL-22-002	45.00	45.20	0.20	878	125	Pegmatite
RL-22-002	45.20	46.20	1.00	13,497	99	Pegmatite
RL-22-002	46.20	47.20	1.00	28,846	117	Pegmatite
RL-22-002	47.20	48.00	0.80	16,834	126	Pegmatite
RL-22-002	48.00	48.20	0.20	16,834	126	Pegmatite
RL-22-002	48.20	49.20	1.00	8,352	83	Pegmatite
RL-22-002	49.20	50.20	1.00	8,438	79	Pegmatite
RL-22-002	50.20	51.00	0.80	17,480	72	Pegmatite
RL-22-002	51.00	51.20	0.20	17,480	72	Pegmatite
RL-22-002	51.20	52.20	1.00	18,621	57	Pegmatite
RL-22-002	52.20	53.20	1.00	16,468	105	Pegmatite
RL-22-002	53.20	54.00	0.80	16,705	122	Pegmatite
RL-22-002	54.00	54.20	0.20	16,705	122	Pegmatite
RL-22-002	54.20	55.00	0.80	19,869	111	Pegmatite
RL-22-002	55.00	56.00	1.00	16,511	91	Pegmatite
RL-22-002	56.00	56.85	0.85	2,734	122	Pegmatite
RL-22-002	56.85	57.00	0.15	2,583	137	Pegmatite
RL-22-002	57.00	57.52	0.52	2,583	137	Pegmatite
RL-22-002	57.52	57.60	0.08	2,583	137	Sediment
RL-22-002	57.60	58.20	0.60	695	1	Sediment
RL-22-002	58.20	58.60	0.40	695	1	Sediment
RL-22-002	58.60	58.88	0.28			Sediment
RL-22-002	58.88	60.00	1.12			Sediment
RL-22-002	60.00	63.00	3.00			Sediment
RL-22-002	63.00	66.00	3.00			Sediment
RL-22-002	66.00	69.00	3.00			Sediment
RL-22-002	69.00	72.00	3.00			Sediment
RL-22-003	0.00	5.70	5.70			Overburden



RL-22-003	5.70	6.00	0.20			Sediment
		6.00	0.30			
RL-22-003	6.00	9.00	3.00			Sediment
RL-22-003	9.00	12.00	3.00			Sediment
RL-22-003	12.00	15.00	3.00			Sediment
RL-22-003	15.00	18.00	3.00			Sediment
RL-22-003	18.00	21.00	3.00			Sediment
RL-22-003	21.00	24.00	3.00			Sediment
RL-22-003	24.00	27.00	3.00			Sediment
RL-22-003	27.00	30.00	3.00			Sediment
RL-22-003	30.00	33.00	3.00			Sediment
RL-22-003	33.00	36.00	3.00			Sediment
RL-22-003	36.00	39.00	3.00			Sediment
RL-22-003	39.00	42.00	3.00			Sediment
RL-22-003	42.00	45.00	3.00			Sediment
RL-22-003	45.00	48.00	3.00			Sediment
RL-22-003	48.00	51.00	3.00			Sediment
RL-22-003	51.00	54.00	3.00			Sediment
RL-22-003	54.00	57.00	3.00			Sediment
RL-22-003	57.00	60.00	3.00			Sediment
RL-22-003	60.00	63.00	3.00			Sediment
RL-22-003	63.00	66.00	3.00			Sediment
RL-22-003	66.00	69.00	3.00			Sediment
RL-22-003	69.00	71.00	2.00			Sediment
RL-22-003	71.00	72.00	1.00	2,712	4	Sediment
RL-22-003	72.00	73.00	1.00	12,830	119	Pegmatite
RL-22-003	73.00	74.00	1.00	36,165	98	Pegmatite
RL-22-003	74.00	75.00	1.00	32,075	116	Pegmatite
RL-22-003	75.00	76.00	1.00	27,339	82	Pegmatite
RL-22-003	76.00	77.00	1.00	34,012	107	Pegmatite
RL-22-003	77.00	78.00	1.00	15,607	74	Pegmatite
RL-22-003	78.00	79.00	1.00	17,652	142	Pegmatite
RL-22-003	79.00	80.00	1.00	16,037	106	Pegmatite
RL-22-003	80.00	81.00	1.00	12,485	129	Pegmatite
RL-22-003	81.00	82.00	1.00	8,137	155	Pegmatite
RL-22-003	82.00	82.81	0.81	16,511	122	Pegmatite
RL-22-003	82.81	83.47	0.66	11,667	100	Pegmatite
RL-22-003	83.47	84.00	0.53	276	5	Sediment
RL-22-003	84.00	84.49	0.49	276	5	Sediment
RL-22-003	84.49	85.47	0.98	213	60	Sediment
RL-22-003	85.47	85.49	0.02	213	60	Sediment
RL-22-003	85.49	86.00	0.51			Sediment
RL-22-003	86.00	87.00	1.00			Sediment
RL-22-003	87.00	90.00	3.00			Sediment
L			l			



RL-22-003	90.00	93.00	3.00			Sediment
RL-22-003	93.00	96.00	3.00			Sediment
RL-22-003	96.00	99.00	3.00			Sediment
RL-22-003	99.00	102.00	3.00			Sediment
RL-22-004	0.00	3.00	3.00			Overburden
RL-22-004	3.00	6.00	3.00			Sediment
RL-22-004	6.00	9.00	3.00			Sediment
RL-22-004	9.00	12.00	3.00			Sediment
RL-22-004	12.00	12.28	0.28			Sediment
RL-22-004	12.28	15.00	2.72			Mafic
RL-22-004	15.00	17.75	2.75			Mafic
RL-22-004	17.75	18.00	0.25			Sediment
RL-22-004	18.00	21.00	3.00			Sediment
RL-22-004	21.00	24.00	3.00			Sediment
RL-22-004	24.00	27.00	3.00			Sediment
RL-22-004	27.00	30.00	3.00			Sediment
RL-22-004	30.00	33.00	3.00			Sediment
RL-22-004	33.00	36.00	3.00			Sediment
RL-22-004	36.00	39.00	3.00			Sediment
RL-22-004	39.00	42.00	3.00			Sediment
RL-22-004	42.00	45.00	3.00			Sediment
RL-22-004	45.00	48.00	3.00			Sediment
RL-22-004	48.00	51.00	3.00			Sediment
RL-22-004	51.00	54.00	3.00			Sediment
RL-22-004	54.00	57.00	3.00			Sediment
RL-22-004	57.00	60.00	3.00			Sediment
RL-22-004	60.00	63.00	3.00			Sediment
RL-22-004	63.00	66.00	3.00			Sediment
RL-22-004	66.00	69.00	3.00			Sediment
RL-22-004	69.00	72.00	3.00			Sediment
RL-22-004	72.00	75.00	3.00			Sediment
RL-22-004	75.00	78.00	3.00			Sediment
RL-22-004		79.47	1.47			Sediment
RL-22-004		80.27	0.80	3,444	1	Sediment
RL-22-004	80.27	80.47	0.20	3,444	1	Mafic
RL-22-004		81.00	0.53	7,728	82	Pegmatite
RL-22-004		81.47	0.47	7,728	82	Pegmatite
RL-22-004		82.47	1.00	4,090	72	Pegmatite
RL-22-004		83.47	1.00	7,254	76	Pegmatite
RL-22-004		84.00	0.53	20,859	87	Pegmatite
RL-22-004		84.47	0.47	20,859	87	Pegmatite
RL-22-004		85.44	0.97	25,832	49	Pegmatite
RL-22-004	85.44	86.44	1.00	24,110	72	Pegmatite



İ	RL-22-004	86.44	87.00	0.56	9,450	116	Pegmatite
	RL-22-004	87.00	87.44	0.44	9,450	116	Pegmatite
	RL-22-004	87.44	88.47	1.03	1,139	1	Sediment
	RL-22-004	88.47	90.00	1.53			Sediment
	RL-22-004	90.00	93.00	3.00			Sediment
	RL-22-004	93.00	96.00	3.00			Sediment
	RL-22-004	96.00	99.00	3.00			Sediment
	RL-22-004	99.00	102.00	3.00			Sediment
	RL-22-004	102.00	105.00	3.00			Sediment
	RL-22-004	105.00	108.00	3.00			Sediment
	RL-22-004	108.00	108.20	0.20			Sediment
75	RL-22-004	108.20	108.40	0.20			Sediment
	RL-22-004	108.40	111.00	2.60			Sediment
20	RL-22-004	111.00	114.00	3.00			Sediment
W 2	RL-22-004	114.00	117.00	3.00			Sediment
	RL-22-004	117.00	120.00	3.00			Sediment
	RL-22-004	120.00	123.00	3.00			Sediment
	RL-22-004	123.00	126.00	3.00			Sediment
	RL-22-004	126.00	129.00	3.00			Sediment
	RL-22-004	129.00	132.00	3.00			Sediment
60	RL-22-004	132.00	135.00	3.00			Sediment
	RL-22-004	135.00	138.00	3.00			Sediment
	RL-22-004	138.00	141.00	3.00			Sediment
	RL-22-004	141.00	144.00	3.00			Sediment
	RL-22-005	0.00	1.60	1.60			Overburden
$C \cap$	RL-22-005	1.60	3.50	1.90			Overburden
	RL-22-005	3.50	6.00	2.50			Sediment
	RL-22-005	6.00	9.00	3.00			Sediment
75	RL-22-005	9.00	12.00	3.00			Sediment
	RL-22-005	12.00	15.00	3.00			Sediment
	RL-22-005	15.00	18.00	3.00			Sediment
	RL-22-005	18.00	21.00	3.00			Sediment
	RL-22-005	21.00	24.00	3.00			Sediment
2	RL-22-005	24.00	27.00	3.00			Sediment
	RL-22-005	27.00	30.00	3.00			Sediment
	RL-22-005	30.00	33.00	3.00			Sediment
Пп	RL-22-005	33.00	36.00	3.00			Sediment
	RL-22-005	36.00	39.00	3.00			Sediment
	RL-22-005	39.00	42.00 45.00	3.00			Sediment Sediment
	RL-22-005 RL-22-005	42.00 45.00	48.00	3.00			Sediment
	RL-22-005	48.00	49.45	1.45			Sediment
	RL-22-005	49.45	51.00	1.45			Sediment
	NL-22-003	43.43	31.00	1.33			Jeuiment



	RL-22-005	51.00	54.00	3.00			Sediment
	RL-22-005	54.00	57.00	3.00			Sediment
	RL-22-005	57.00	60.00	3.00			Sediment
	RL-22-005	60.00	63.00	3.00			Sediment
	RL-22-005	63.00	66.00	3.00			Sediment
	RL-22-005	66.00	69.00	3.00			Sediment
	RL-22-005	69.00	72.00	3.00			Sediment
	RL-22-005	72.00	75.00	3.00			Sediment
1	RL-22-005	75.00	78.00	3.00			Sediment
	RL-22-005	78.00	81.00	3.00			Sediment
	RL-22-005	81.00	84.00	3.00			Sediment
1	RL-22-005	84.00	87.00	3.00			Sediment
	RL-22-005	87.00	88.79	1.79			Sediment
1	RL-22-005	88.79	89.79	1.00			Sediment
	RL-22-005	89.79	90.00	0.21	To be o	confirmed	Sediment
7	RL-22-005	90.00	90.79	0.79			Sediment
	RL-22-005	90.79	91.79	1.00			Pegmatite
	RL-22-005	91.79	92.50	0.71			Pegmatite
	RL-22-005	92.50	93.00	0.50			Pegmatite
1	RL-22-005	93.00	93.10	0.10			Pegmatite
	RL-22-005	93.10	93.70	0.60			Pegmatite
	RL-22-005	93.70	94.70	1.00			Pegmatite
	RL-22-005	94.70	95.70	1.00			Pegmatite
	RL-22-005	95.70	96.00	0.30			Pegmatite
	RL-22-005	96.00	96.35	0.35			Pegmatite
	RL-22-005	96.35	97.37	1.02			Pegmatite
	RL-22-005	97.37	98.37	1.00			Pegmatite
	RL-22-005	98.37	99.00	0.63			Pegmatite
	RL-22-005	99.00	99.37	0.37			Pegmatite
	RL-22-005	99.37	100.07	0.70			Pegmatite
\	RL-22-005	100.07	100.72	0.65			Pegmatite
	RL-22-005	100.72	101.72	1.00			Sediment
	RL-22-005	101.72	102.00	0.28			Sediment
	RL-22-005	102.00	102.72	0.72		_	Sediment
	RL-22-005	102.72	105.00	2.28			Sediment
	RL-22-005	105.00	106.45	1.45			Sediment
1	RL-22-005	106.45	108.00	1.55			Mafic
	RL-22-005	108.00	111.00	3.00			Mafic
	RL-22-005	111.00	114.00	3.00			Mafic
	RL-22-005	114.00	117.00	3.00			Mafic
	RL-22-005	117.00	120.00	3.00			Mafic
	RL-22-005	120.00	123.00	3.00			Mafic
	RL-22-005	123.00	126.00	3.00			Mafic
ı							



	RL-22-005	126.00	129.00	3.00			Mafic
	RL-22-005	129.00	132.00	3.00			Mafic
	RL-22-005	132.00	133.85	1.85			Mafic
	RL-22-005	133.85	134.85	1.00	67	0	Mafic
	RL-22-005	134.85	135.00	0.15	164	0	Mafic
	RL-22-005	135.00	135.81	0.13	164	0	Mafic
	RL-22-005	135.81	135.85	0.04	164	0	Pegmatite
	RL-22-005	135.85	136.70	0.85	284	48	Pegmatite
	RL-22-005	136.70	136.75	0.05	284	48	Mafic
	RL-22-005	136.75	137.75	1.00	69	7	Mafic
	RL-22-005	137.75	138.00	0.25	80	0	Mafic
	RL-22-005	137.73	138.75	0.23	80	0	Mafic
	RL-22-005	138.75	141.00		80	0	Mafic
				2.25			
	RL-22-005	141.00	144.00	3.00			Mafic
	RL-22-005	144.00	5.00	3.00			Mafic
	RL-22-006	0.00		5.00			Overburden
	RL-22-006	5.00	7.50	2.50			Sediment
	RL-22-006	7.50	9.00	1.50			Sediment
	RL-22-006	9.00	12.00	3.00			Sediment
	RL-22-006	12.00	15.00	3.00			Sediment
90	RL-22-006	15.00	18.00	3.00			Sediment
	RL-22-006	18.00	19.70	1.70	1 101		Sediment
	RL-22-006	19.70	20.70	1.00	1,421	1	Sediment
	RL-22-006	20.70	21.00	0.30	6,996	13	Sediment
	RL-22-006	21.00	21.70	0.70	6,996	13	Sediment
	RL-22-006	21.70	22.70	1.00	2,519	115	Pegmatite
	RL-22-006	22.70	23.70	1.00	19,589	131	Pegmatite
	RL-22-006	23.70	24.00	0.30	21,957	104	Pegmatite
75	RL-22-006	24.00	24.70	0.70	21,957	104	Pegmatite
	RL-22-006	24.70	25.70	1.00	17,049	125	Pegmatite
	RL-22-006	25.70	26.70	1.00	13,088	77	Pegmatite
	RL-22-006	26.70	27.00	0.30	16,123	120	Pegmatite
	RL-22-006	27.00	27.70	0.70	16,123	120	Pegmatite
	RL-22-006	27.70	28.70	1.00	21,376	93	Pegmatite
	RL-22-006	28.70	29.70	1.00	18,922	101	Pegmatite
	RL-22-006	29.70	30.00	0.30	16,016	103	Pegmatite
	RL-22-006	30.00	30.50	0.50	16,016	103	Pegmatite
	RL-22-006	30.50	31.20	0.70	3,552	98	Pegmatite
	RL-22-006	31.20	32.20	1.00	6,114	10	Sediment
	RL-22-006	32.20	33.00	0.80	2,519	6	Sediment
	RL-22-006	33.00	33.20	0.20	2,519	6	Sediment
	RL-22-006	33.20	36.00	2.80			Sediment
	RL-22-006	36.00	39.00	3.00			Sediment



	RL-22-006	39.00	42.00	3.00			Sediment
	RL-22-006	42.00	45.00	3.00			Sediment
	RL-22-006	45.00	48.00	3.00			Sediment
	RL-22-006	48.00	51.00	3.00			Sediment
-	RL-22-006	51.00	54.00	3.00			Sediment
T	RL-22-006	54.00	57.00	3.00			Sediment
r	RL-22-006	57.00	60.00	3.00			Sediment
	RL-22-006	60.00	63.00	3.00			Sediment
1	RL-22-006	63.00	66.00	3.00			Sediment
r	RL-22-006	66.00	69.00	3.00			Sediment
	RL-22-006	69.00	70.75	1.75			Sediment
	RL-22-006	70.75	71.75	1.00	805	0	Sediment
r	RL-22-006	71.75	72.00	0.25	1,414	2	Sediment
T	RL-22-006	72.00	72.75	0.75	1,414	2	Sediment
	RL-22-006	72.75	73.75	1.00	577	80	Pegmatite
1	RL-22-006	73.75	74.75	1.00	3,444	142	Pegmatite
	RL-22-006	74.75	75.00	0.25	286	91	Pegmatite
	RL-22-006	75.00	75.49	0.49	286	91	Pegmatite
	RL-22-006	75.49	77.00	1.51	2,144	1	Sediment
₹	RL-22-006	77.00	78.00	1.00	956	0	Sediment
	RL-22-006	78.00	81.00	3.00			Sediment
Ī	RL-22-006	81.00	84.00	3.00			Sediment
	RL-22-006	84.00	87.00	3.00			Sediment
	RL-22-006	87.00	90.00	3.00			Sediment
I	RL-22-006	90.00	93.00	3.00			Sediment
1	RL-22-006	93.00	96.00	3.00			Sediment
I	RL-22-006	96.00	99.00	3.00			Sediment
	RL-22-006	99.00	102.00	3.00			Sediment
	RL-22-006	102.00	105.00	3.00			Sediment
Г	RL-22-006	105.00	108.00	3.00			Sediment
L	RL-22-006	108.00	111.00	3.00			Sediment
Į	RL-22-006	111.00	114.00	3.00			Sediment
L	RL-22-006	114.00	117.00	3.00			Sediment
Ĺ	RL-22-006	117.00	120.00	3.00			Sediment
L	RL-22-007	0.00	5.00	5.00			Overburden
	RL-22-007	5.00	7.50	2.50			Sediment
L	RL-22-007	7.50	9.00	1.50			Sediment
L	RL-22-007	9.00	12.00	3.00			Sediment
L	RL-22-007	12.00	15.00	3.00			Sediment
L	RL-22-007	15.00	18.00	3.00			Sediment
Ĺ	RL-22-007	18.00	21.00	3.00			Sediment
	RL-22-007	21.00	24.00	3.00			Sediment
L	RL-22-007	24.00	27.00	3.00			Sediment



RL-22-007	27.00	30.00	3.00			Sediment
RL-22-007	30.00	33.00	3.00			Sediment
RL-22-007	33.00	36.00	3.00			Sediment
RL-22-007	36.00	39.00	3.00			Sediment
RL-22-007	39.00	42.00	3.00			Sediment
RL-22-007	42.00	45.00	3.00			Sediment
RL-22-007	45.00	48.00	3.00			Sediment
RL-22-007	48.00	51.00	3.00			Sediment
RL-22-007	51.00	54.00	3.00			Sediment
RL-22-007	54.00	57.00	3.00			Sediment
RL-22-007	57.00	60.00	3.00			Sediment
RL-22-007	60.00	62.90	2.90			Sediment
RL-22-007	62.90	63.00	0.10	282	1	Sediment
RL-22-007	63.00	63.90	0.90	282	1	Sediment
RL-22-007	63.90	64.90	1.00	3,358	3	Sediment
RL-22-007	64.90	65.90	1.00	2,282	138	Pegmatite
RL-22-007	65.90	66.00	0.10	16,489	94	Pegmatite
RL-22-007	66.00	66.90	0.90	16,489	94	Pegmatite
RL-22-007	66.90	67.90	1.00	12,916	53	Pegmatite
RL-22-007	67.90	68.90	1.00	15,887	92	Pegmatite
RL-22-007	68.90	69.00	0.10	18,707	89	Pegmatite
RL-22-007	69.00	69.90	0.90	18,707	89	Pegmatite
RL-22-007	69.90	70.90	1.00	18,793	79	Pegmatite
RL-22-007	70.90	71.90	1.00	27,554	48	Pegmatite
RL-22-007	71.90	72.00	0.10	16,425	128	Pegmatite
RL-22-007	72.00	72.90	0.90	16,425	128	Pegmatite
RL-22-007	72.90	73.90	1.00	18,233	73	Pegmatite
RL-22-007	73.90	74.67	0.77	596	78	Pegmatite
RL-22-007	74.67	75.00	0.33	1,554	54	Sediment
RL-22-007	75.00	75.67	0.67	1,554	54	Sediment
RL-22-007	75.67	76.67	1.00	1,487	43	Sediment
RL-22-007	76.67	78.00	1.33			Sediment
RL-22-007	78.00	81.00	3.00			Sediment
RL-22-007	81.00	84.00	3.00			Sediment
RL-22-007	84.00	87.00	3.00			Sediment
RL-22-007	87.00	90.00	3.00			Sediment
RL-22-007	90.00	93.00	3.00			Sediment
RL-22-007	93.00	96.00	3.00			Sediment
RL-22-007	96.00	99.00	3.00			Sediment
RL-22-007	99.00	102.00	3.00			Sediment
RL-22-007	102.00	105.00	3.00			Sediment
RL-22-007	105.00	108.00	3.00			Sediment
RL-22-007	108.00	111.00	3.00			Sediment



Γ	RL-22-007	111.00	114.00	3.00			Sediment
ľ	RL-22-007	114.00	117.00	3.00			Sediment
ľ	RL-22-008	0.00	15.20	15.20			Overburden
ľ	RL-22-008	15.20	15.80	0.60			Overburden
F	RL-22-008	15.80	18.00	2.20			Sediment
Ī	RL-22-008	18.00	21.00	3.00			Sediment
ľ	RL-22-008	21.00	24.00	3.00			Sediment
1	RL-22-008	24.00	27.00	3.00			Sediment
1	RL-22-008	27.00	30.00	3.00			Sediment
1	RL-22-008	30.00	33.00	3.00			Sediment
F	RL-22-008	33.00	36.00	3.00			Sediment
1	RL-22-008	36.00	39.00	3.00			Sediment
ľ	RL-22-008	39.00	42.00	3.00			Sediment
1	RL-22-008	42.00	45.00	3.00			Sediment
Ī	RL-22-008	45.00	48.00	3.00			Sediment
1	RL-22-008	48.00	50.10	2.10			Sediment
J	RL-22-008	50.10	51.00	0.90			Sediment
	RL-22-008	51.00	54.00	3.00			Sediment
Ī	RL-22-008	54.00	57.00	3.00			Sediment
1	RL-22-008	57.00	60.00	3.00			Sediment
	RL-22-008	60.00	63.00	3.00			Sediment
Ī	RL-22-008	63.00	66.00	3.00			Sediment
	RL-22-008	66.00	69.00	3.00			Sediment
١	RL-22-008	69.00	69.50	0.50			Sediment
Į	RL-22-008	69.50	70.50	1.00	2,648	30	Sediment
1	RL-22-008	70.50	71.50	1.00	3,358	6	Sediment
	RL-22-008	71.50	72.00	0.50	15,241	107	Pegmatite
Ī	RL-22-008	72.00	72.50	0.50	15,241	107	Pegmatite
1	RL-22-008	72.50	73.50	1.00	18,513	132	Pegmatite
	RL-22-008	73.50	74.50	1.00	15,090	86	Pegmatite
	RL-22-008	74.50	75.00	0.50	26,693	126	Pegmatite
1	RL-22-008	75.00	75.50	0.50	26,693	126	Pegmatite
	RL-22-008	75.50	76.50	1.00	21,204	92	Pegmatite
Ĺ	RL-22-008	76.50	77.50	1.00	24,325	96	Pegmatite
L	RL-22-008	77.50	78.00	0.50	14,767	106	Pegmatite
	RL-22-008	78.00	78.50	0.50	14,767	106	Pegmatite
1	RL-22-008	78.50	79.50	1.00	19,697	129	Pegmatite
Ĺ	RL-22-008	79.50	80.25	0.75	3,207	110	Pegmatite
	RL-22-008	80.25	81.00	0.75	1,836	4	Sediment
	RL-22-008	81.00	81.25	0.25	1,836	4	Sediment
L	RL-22-008	81.25	82.25	1.00	314	1	Sediment
L	RL-22-008	82.25	84.00	1.75			Sediment
L	RL-22-008	84.00	87.00	3.00			Sediment



Γ	RL-22-008	87.00	87.28	0.28			Sediment
F	RL-22-008	87.28	87.33	0.05			Pegmatite
ŀ	RL-22-008	87.33	89.28	1.95			Sediment
ŀ	RL-22-008	89.28	90.00	0.72	1,210	10	Sediment
7	RL-22-008	90.00	90.28	0.28	1,210	10	Sediment
ł	RL-22-008	90.28	91.28	1.00	327	6	Sediment
+	RL-22-008	91.28	91.55	0.27	2,368	73	Pegmatite
f	RL-22-008	91.55	91.83	0.28	4,219	35	Pegmatite
1	RL-22-008	91.83	92.13	0.30	1,027	133	Pegmatite
<i>\\</i>	RL-22-008	92.13	93.00	0.87	310	5	Sediment
ľ	RL-22-008	93.00	93.13	0.13	310	5	Sediment
1	RL-22-008	93.13	94.13	1.00	286	1	Sediment
ᆘ	RL-22-008	94.13	96.00	1.87			Sediment
1	RL-22-008	96.00	99.00	3.00			Sediment
7	RL-22-008	99.00	102.00	3.00			Sediment
4	RL-22-008	102.00	105.00	3.00			Sediment
7	RL-22-008	105.00	108.00	3.00			Sediment
Ī	RL-22-008	108.00	111.00	3.00			Sediment
Ī	RL-22-008	111.00	114.00	3.00			Sediment
1	RL-22-008	114.00	117.00	3.00			Sediment
IJ	RL-22-008	117.00	120.00	3.00			Sediment
1	RL-22-008	120.00	123.00	3.00			Sediment
Ī	RL-22-008	123.00	126.00	3.00			Sediment
1	RL-22-008	126.00	129.00	3.00			Sediment
7	RL-22-008	129.00	132.00	3.00			Sediment
1	RL-22-008	132.00	135.00	3.00			Sediment
7	RL-22-008	135.00	138.00	3.00			Sediment
	RL-22-008	138.00	141.00	3.00			Sediment
	RL-22-008	141.00	144.00	3.00			Sediment
	RL-22-008	144.00	147.00	3.00			Sediment
	RL-22-008	147.00	150.00	3.00			Sediment
4	RL-22-008	150.00	153.00	3.00			Sediment
	RL-22-008	153.00	156.00	3.00			Sediment
ļ	RL-22-008	156.00	159.00	3.00			Sediment
	RL-22-008	159.00	162.00	3.00			Sediment
	RL-22-009	0.00	1.15	1.15			Overburden
1	RL-22-009	1.15	3.00	1.85			Sediment
ļ	RL-22-009	3.00	6.00	3.00			Sediment
1	RL-22-009	6.00	9.00	3.00			Sediment
	RL-22-009	9.00	12.00	3.00			Sediment
	RL-22-009	12.00	15.00	3.00			Sediment
L	RL-22-009	15.00	18.00	3.00			Sediment
L	RL-22-009	18.00	21.00	3.00			Sediment
L	RL-22-009	21.00	24.00	3.00			Sediment



	RL-22-009	24.00	27.00	3.00			Sediment
	RL-22-009	27.00	30.00	3.00			Sediment
	RL-22-009	30.00	33.00	3.00			Sediment
	RL-22-009	33.00	36.00	3.00			Mafic
	RL-22-009	36.00	39.00	3.00			Mafic
	RL-22-009	39.00	42.00	3.00			Mafic
	RL-22-009	42.00	45.00	3.00			Mafic
	RL-22-009	45.00	48.00	3.00			Mafic
	RL-22-009	48.00	51.00	3.00			Mafic
	RL-22-009	51.00	54.00	3.00			Mafic
	RL-22-009	54.00	57.00	3.00			Mafic
75	RL-22-009	57.00	60.00	3.00			Mafic
	RL-22-009	60.00	63.00	3.00			Mafic
20	RL-22-009	63.00	66.00	3.00			Mafic
W 2	RL-22-009	66.00	69.00	3.00			Mafic
	RL-22-009	69.00	72.00	3.00			Mafic
	RL-22-009	72.00	75.00	3.00			Mafic
	RL-22-009	75.00	78.00	3.00			Mafic
	RL-22-009	78.00	81.00	3.00			Mafic
	RL-22-009	81.00	84.00	3.00			Mafic
60	RL-22-009	84.00	84.40	0.40			Mafic
	RL-22-009	84.40	87.00	2.60			Sediment
	RL-22-009	87.00	89.74	2.74			Sediment
	RL-22-009	89.74	90.00	0.26	484	1	Sediment
	RL-22-009	90.00	90.74	0.74	484	1	Sediment
20	RL-22-009	90.74	91.74	1.00	8,137	22	Sediment
00	RL-22-009	91.74	92.66	0.92	15,521	105	Pegmatite
	RL-22-009	92.66	93.00	0.34	16,080	89	Pegmatite
75	RL-22-009	93.00	93.65	0.65	16,080	89	Pegmatite
	RL-22-009	93.65	94.65	1.00	553	200	Pegmatite
	RL-22-009	94.65	95.65	1.00	407	326	Pegmatite
	RL-22-009	95.65	96.00	0.35	3,918	119	Pegmatite
	RL-22-009	96.00	96.06	0.06	3,918	119	Pegmatite
2	RL-22-009	96.06	97.10	1.04	334	302	Pegmatite
	RL-22-009	97.10	98.00	0.90	2,095	102	Pegmatite
	RL-22-009	98.00	99.00	1.00	5,705	78	Pegmatite
	RL-22-009	99.00	99.42	0.42	842	154	Pegmatite
	RL-22-009	99.42	100.42	1.00	4,478	1	Sediment
	RL-22-009	100.42	101.42	1.00	245	0	Sediment
	RL-22-009	101.42	102.00	0.58			Sediment
	RL-22-009	102.00	105.00	3.00			Sediment
	RL-22-009	105.00	108.00	3.00			Sediment
	RL-22-009	108.00	111.00	3.00			Sediment



RL-22-009	111.00	114.00	3.00	Sediment	
RL-22-009	114.00	117.00	3.00	Sediment	
RL-22-009	117.00	120.00	3.00	Sediment	
RL-22-009	120.00	123.00	3.00	Sediment	
RL-22-009	123.00	126.00	3.00	Mafic	
RL-22-009	126.00	129.00	3.00	Mafic	
RL-22-009	129.00	130.47	1.47	Mafic	
RL-22-009	130.47	132.00	1.53	Sediment	
RL-22-009	132.00	135.00	3.00	Sediment	
RL-22-009	135.00	138.00	3.00	Sediment	
RL-22-009	138.00	141.00	3.00	Sediment	
RL-22-009	141.00	144.00	3.00	Sediment	
RL-22-009	144.00	147.00	3.00	Sediment	
RL-22-009	147.00	150.00	3.00	Sediment	
RL-22-009	150.00	153.00	3.00	Sediment	
RL-22-009	153.00	156.00	3.00	Sediment	
RL-22-009	156.00	159.00	3.00	Sediment	
RL-22-009	159.00	162.00	3.00	Sediment	
RL-22-009	162.00	165.00	3.00	Sediment	
RL-22-009	165.00	168.00	3.00	Sediment	
RL-22-009	168.00	171.00	3.00	Sediment	
RL-22-009	171.00	174.00	3.00	Sediment	
RL-22-009	174.00	177.00	3.00	Sediment	
RL-22-009	177.00	180.00	3.00	Sediment	
RL-22-009	180.00	183.00	3.00	Sediment	
RL-22-009	183.00	186.00	3.00	Sediment	