REDSTONE RESOURCES

ASX ANNOUNCEMENT
4 July 2023

PHASE 1 EXPLORATION COMPLETED AT REDSTONE'S ATTWOOD LAKE LITHIUM PROJECT

HIGHLIGHTS

- **Redstone has completed a Phase 1 reconnaissance exploration program for lithium (Li) and rare-earth elements (REE) at its recently acquired Attwood Lake Lithium Project.**

- **The Phase 1 program consisted of a helicopter-supported geological mapping and sampling program for Li and REE bearing pegmatites (Figure 1).**

- **Numerous pegmatite outcrops were identified and a total of 209 rock grab samples were collected from various pegmatitic bodies* (Figure 2).**

- **The samples have been sent to the lab for geochemical assay.**

- **The Attwood Lake Lithium Project is located in northern Ontario and consists of 17 contiguous claims totalling 7,416 hectares.**

- **The Project is located in proximity to several advanced lithium projects. Numerous deposits that host significant lithium oxide (Li_2O) have already been delineated in the region (Figure 3), including:**
  - **Seymour Lake Lithium Deposit and Root Lake-McCombe Lithium Deposit owned by Green Technology Metals (ASX: GT1)**
  - **Deposits owned by Rock Tech Lithium and Infinite Ore in the Georgia Lake pegmatite field**
  - **Separation Rapids Lithium deposit owned by Avalon Advanced Materials Inc.**
  - **Frontier Lithium with the PAK and Sparks deposits**

*The Company wishes to inform investors, as per ASX Listing Rule 3.1 and the Compliance Update 04/23, that the presence of pegmatite rock does not necessarily indicate the presence of lithium or rare earth element mineralisation. Laboratory chemical assays are required to determine the presence and grade of mineralisation. The Company will update the market when laboratory assays become available.

Redstone Resources Ltd (ASX: RDS) ("**Redstone**" or the "**Company**") is pleased to announce it has completed its Phase 1 reconnaissance exploration program (**Phase 1 Program**) on its recently acquired Attwood Lake Lithium Project ("**Attwood Lake**" or the "**Project**"). The Company engaged APEX Geoscience to carry out a helicopter-supported geological mapping and sampling program for lithium (Li) and rare-earth element (REE) bearing pegmatites.

The Phase 1 Program consisted of a team of four geologists who undertook mapping and sampling at Attwood Lake (**Figure 1**). Numerous pegmatite showings were discovered on the Project with a total of 209 rock grab samples collected from various pegmatitic bodies.

***Figure 1**: Attwood Lake Phase 1 Exploration and APEX Geoscience Crew.*

Mapped geology for the Project consists of muscovite-bearing granites, metasediments, migmatized supercrustal rocks, and mafic to intermediate meta-volcanics, and foliated tonalite. Lithologies sampled during exploration included quartz dolerite (4 rocks), amphibolites (5 rocks), metasediments (8 rocks), medium- to coarse-grained granites (107 rocks), pegmatitic-grained granites to pegmatites (83 rocks) and other (2 rocks) (**Figure 2 and Appendix 1**). The outcrops vary in size from a few meters and up to 10s of meters wide by 50m long. Outcrops can occur in clusters or as a single body.

Two broad categories of medium-to coarse-grained granitic rocks were sampled: dominantly quartz and potassium-feldspar, with accessory minerals of biotite and more rarely garnet and apatite; and dominantly muscovite quartz and white-feldspar. The pegmatites had similar mineralogy with some instances of tourmaline, light, blue-coloured apatite, and rarely large grains of biotite of up to 30 cm.

The 209 samples have been sent to the laboratory for geochemical analysis.

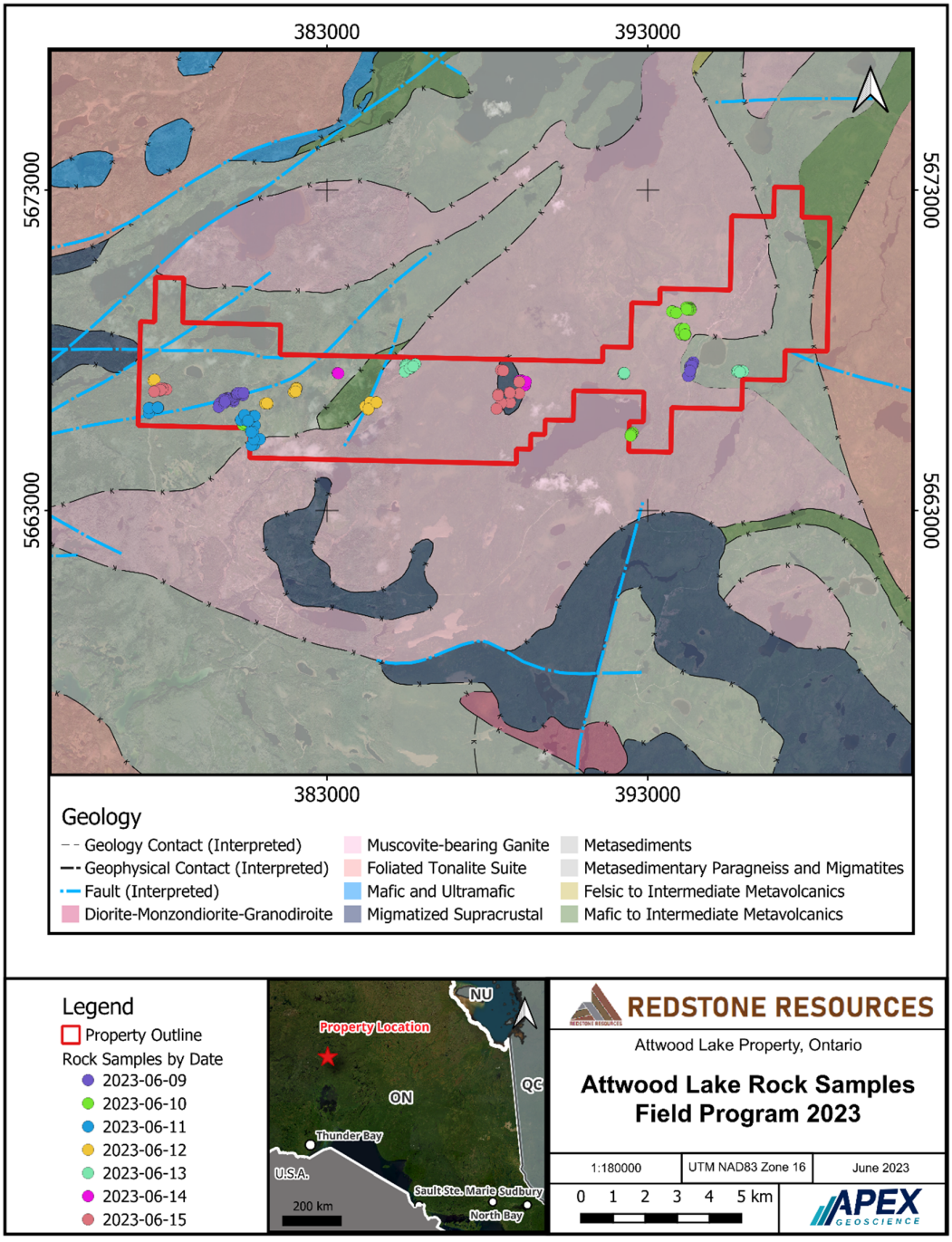

***Figure 2**: Location and geology of Attwood Lake Phase 1 Program rock samples.*

The Attwood Lake Lithium Project is located in northern Ontario and consists of 17 contiguous claims totalling 7,416 hectares. The Project is underlain by a folded sequence of metasediments and muscovite-bearing granites of the Archean English River subprovince (**Figure 3**). The Project lies in close proximity to and partially overlaps the boundary between the Uchi and English River Terranes. Notably, all major lithium deposits found in this region are located in close proximity (<20 km) to a Terrane boundary. The Archean Terrane boundaries, as well as the associated faults and folds, likely acted as conduits and pathways for fertile parental melts and late-stage pegmatite-forming fluids.

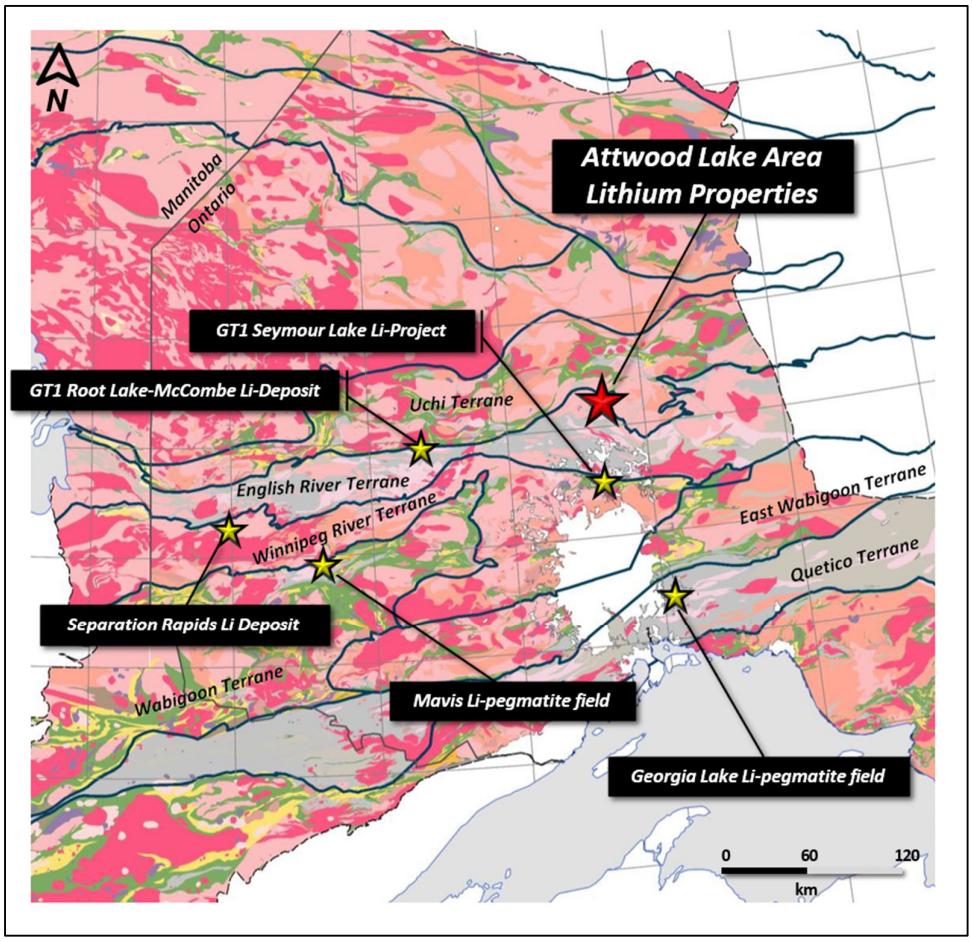

Figure 3: *Location of the Attwood Lake Lithium Properties and proximity to other northwestern Ontario Li-Deposits/Projects, including GT1's Seymour Lake Li-Deposit and GT1's Root-Lake McCombe Lithium Deposit. The Attwood Properties are located within 5km north of the Uchi-English River terrane boundary.*

This Announcement has been approved for release by the Board of Redstone Resources Limited.

For further information please contact:

Richard Homsany	Miranda Conti
Chairman	Company Secretary
Redstone Resources Limited	Redstone Resources Limited
+61 8 9328 2552	+61 8 9328 2552
contact@redstone.com.au	contact@redstone.com.au

Cautionary Note

The Company cautions that as per ASX Listing Rule 3.1 and the Compliance Update 04/23, the presence of pegmatite rock does not necessarily indicate the presence of lithium or rare earth element mineralisation. Laboratory chemical assays are required to determine the presence and grade of mineralisation. The Company will update the market when laboratory assays become available.

Forward-Looking Statements

This document may include forward-looking statements. Forward-looking statements include, but are not limited to statements concerning Redstone Resources Limited's (**Redstone**) planned exploration program and other statements that are not historical facts. When used in this document, the words such as "could", "plan", "estimate", "expect", "intend", "may", "potential", "should", and similar expressions are forward-looking statements. Although Redstone believes that its expectations reflected in these forward-looking statements are reasonable, such statements involve risks and uncertainties and no assurance can be given that actual results will be consistent with these forward-looking statements.

REDSTONE RESOURCES

Redstone Resources Limited (**ASX: RDS**) is a base and precious metals company exploring its 100% owned prospective West Musgrave Project, which includes the Tollu Copper deposit, in Western Australia. The West Musgrave Project is located between BHP's Nebo Babel Deposit and Nico Resources' Wingellina Ni-Co project. Redstone continues to evaluate the HanTails Gold Project at Kalgoorlie, Western Australia for potential development in the future. Redstone has recently entered into an option agreement to acquire the Attwood Lake Lithium Project located in northwestern Ontario, Canada over which it is has completed a Phase 1 exploration programme.

Competent Person Statement

The information in this document that relates to exploration results for the Attwood Lake Lithium Project was authorised by Michael Dufresne, M.Sc., P.Geol, P.Geo., who is employed as a Consultant to the Company through APEX Geoscience. Mr. Dufresne is a Member of the Alberta, British Columbia, Northwest Territories – Nunavut and New Brunswick Engineering and Geoscientist Professional Associations and has sufficient experience of relevance to the style of mineralisation and type of deposit under consideration and to the tasks with which he was employed to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr. Dufresne consents to the inclusion in the report of matters based on information in the form and context in which it appears.

APPENDIX 1: ROCK SAMPLE LOCATIONS

Sample ID	Sample Type	Easting	Northing	Coordinate System
F0031001	Grab	394387	5667548	UTM NAD83 Zone 16
F0031002	Grab	394365	5667506	UTM NAD83 Zone 16
F0031003	Grab	380073	5666509	UTM NAD83 Zone 16
F0031004	Grab	380027	5666515	UTM NAD83 Zone 16
F0031005	Grab	379908	5666516	UTM NAD83 Zone 16
F0031006	Grab	379878	5666499	UTM NAD83 Zone 16
F0031007	Grab	379789	5666474	UTM NAD83 Zone 16
F0031008	Grab	379675	5666368	UTM NAD83 Zone 16
F0031009	Grab	379639	5666314	UTM NAD83 Zone 16
F0031010	Grab	379624	5666232	UTM NAD83 Zone 16
F0031011	Grab	379795	5666354	UTM NAD83 Zone 16
F0031012	Grab	394295	5669344	UTM NAD83 Zone 16
F0031013	Grab	394199	5669335	UTM NAD83 Zone 16
F0031014	Grab	394302	5669273	UTM NAD83 Zone 16
F0031015	Grab	393874	5669173	UTM NAD83 Zone 16
F0031016	Grab	394024	5668632	UTM NAD83 Zone 16
F0031017	Grab	394062	5668650	UTM NAD83 Zone 16
F0031018	Grab	394053	5668504	UTM NAD83 Zone 16
F0031019	Grab	394166	5668481	UTM NAD83 Zone 16
F0031020	Grab	380500	5665646	UTM NAD83 Zone 16
F0031021	Grab	380637	5665678	UTM NAD83 Zone 16
F0031022	Grab	380711	5665661	UTM NAD83 Zone 16
F0031023	Grab	380841	5665209	UTM NAD83 Zone 16
F0031024	Grab	380731	5665054	UTM NAD83 Zone 16
F0031025	Grab	380731	5665238	UTM NAD83 Zone 16
F0031026	Grab	380633	5665487	UTM NAD83 Zone 16
F0031027	Grab	377740	5666207	UTM NAD83 Zone 16
F0031028	Grab	377450	5666041	UTM NAD83 Zone 16
F0031029	Grab	381992	5666728	UTM NAD83 Zone 16
F0031030	Grab	382047	5666832	UTM NAD83 Zone 16
F0031031	Grab	384538	5666384	UTM NAD83 Zone 16
F0031032	Grab	384538	5666367	UTM NAD83 Zone 16
F0031033	Grab	381151	5666331	UTM NAD83 Zone 16
F0031034	Grab	377586	5667057	UTM NAD83 Zone 16
F0031035	Grab	395782	5667344	UTM NAD83 Zone 16
F0031036	Grab	395945	5667355	UTM NAD83 Zone 16
F0031037	Grab	392250	5667288	UTM NAD83 Zone 16
F0031038	Grab	392264	5667292	UTM NAD83 Zone 16
F0031039	Grab	385655	5667476	UTM NAD83 Zone 16
F0031040	Grab	385700	5667530	UTM NAD83 Zone 16
F0031041	Grab	385753	5667571	UTM NAD83 Zone 16
F0031042	Grab	389173	5666907	UTM NAD83 Zone 16
F0031043	Grab	388446	5667384	UTM NAD83 Zone 16
F0031044	Grab	389068	5667057	UTM NAD83 Zone 16
F0031045	Grab	388447	5667389	UTM NAD83 Zone 16
F0031046	Grab	388498	5667370	UTM NAD83 Zone 16
F0031047	Composite	388996	5667014	UTM NAD83 Zone 16
F0031048	Grab	377791	5666760	UTM NAD83 Zone 16
F0031049	Grab	377796	5666751	UTM NAD83 Zone 16
F0031050	Grab	377926	5666803	UTM NAD83 Zone 16
F0031101	Grab	394398	5667556	UTM NAD83 Zone 16
F0031102	Grab	394325	5667505	UTM NAD83 Zone 16
F0031103	Grab	394296	5667214	UTM NAD83 Zone 16
F0031104	Grab	394261	5667193	UTM NAD83 Zone 16
F0031105	Grab	380092	5666457	UTM NAD83 Zone 16
F0031106	Grab	379997	5666488	UTM NAD83 Zone 16
F0031107	Grab	379916	5666488	UTM NAD83 Zone 16
F0031108	Grab	379866	5666454	UTM NAD83 Zone 16
F0031109	Grab	379841	5666453	UTM NAD83 Zone 16
F0031110	Grab	379822	5666404	UTM NAD83 Zone 16
F0031111	Grab	380270	5666665	UTM NAD83 Zone 16

F0031112	Grab	380334	5666661	UTM NAD83 Zone 16
F0031113	Grab	380381	5666599	UTM NAD83 Zone 16
F0031114	Grab	394328	5669308	UTM NAD83 Zone 16
F0031115	Grab	394328	5669300	UTM NAD83 Zone 16
F0031116	Grab	394316	5669288	UTM NAD83 Zone 16
F0031117	Grab	394340	5669271	UTM NAD83 Zone 16
F0031118	Grab	393776	5669214	UTM NAD83 Zone 16
F0031119	Grab	393768	5669220	UTM NAD83 Zone 16
F0031120	Grab	392530	5665429	UTM NAD83 Zone 16
F0031121	Grab	394010	5668637	UTM NAD83 Zone 16
F0031122	Grab	394031	5668667	UTM NAD83 Zone 16
F0031123	Grab	394176	5668505	UTM NAD83 Zone 16
F0031124	Grab	394167	5668514	UTM NAD83 Zone 16
F0031125	Grab	380502	5665710	UTM NAD83 Zone 16
F0031126	Grab	380382	5665677	UTM NAD83 Zone 16
F0031127	Grab	380378	5665788	UTM NAD83 Zone 16
F0031128	Grab	380747	5665660	UTM NAD83 Zone 16
F0031129	Grab	380697	5665461	UTM NAD83 Zone 16
F0031130	Grab	380908	5665228	UTM NAD83 Zone 16
F0031131	Grab	380649	5665032	UTM NAD83 Zone 16
F0031132	Grab	380717	5665225	UTM NAD83 Zone 16
F0031133	Grab	380642	5665441	UTM NAD83 Zone 16
F0031134	Grab	377730	5666199	UTM NAD83 Zone 16
F0031135	Grab	377464	5666200	UTM NAD83 Zone 16
F0031136	Grab	377444	5666196	UTM NAD83 Zone 16
F0031137	Grab	382016	5666726	UTM NAD83 Zone 16
F0031138	Grab	381962	5666699	UTM NAD83 Zone 16
F0031139	Grab	384279	5666154	UTM NAD83 Zone 16
F0031140	Grab	384196	5666246	UTM NAD83 Zone 16
F0031141	Grab	381122	5666333	UTM NAD83 Zone 16
F0031142	Grab	381075	5666344	UTM NAD83 Zone 16
F0031143	Grab	395791	5667343	UTM NAD83 Zone 16
F0031144	Grab	395907	5667328	UTM NAD83 Zone 16
F0031145	Grab	392248	5667276	UTM NAD83 Zone 16
F0031146	Grab	392251	5667267	UTM NAD83 Zone 16
F0031147	Grab	385607	5667449	UTM NAD83 Zone 16
F0031148	Grab	385573	5667433	UTM NAD83 Zone 16
F0031149	Grab	385486	5667539	UTM NAD83 Zone 16
F0031150	Grab	385443	5667543	UTM NAD83 Zone 16
F0031151	Grab	385481	5667550	UTM NAD83 Zone 16
F0031152	Grab	388997	5667049	UTM NAD83 Zone 16
F0031153	Grab	389197	5667024	UTM NAD83 Zone 16
F0031154	Grab	388437	5667382	UTM NAD83 Zone 16
F0031155	Grab	388428	5667382	UTM NAD83 Zone 16
F0031156	Grab	388498	5667366	UTM NAD83 Zone 16
F0031157	Grab	377798	5666744	UTM NAD83 Zone 16
F0031158	Grab	377783	5666794	UTM NAD83 Zone 16
F0031159	Composite	377996	5666781	UTM NAD83 Zone 16
F0031160	Grab	377873	5666808	UTM NAD83 Zone 16
F0031161	Grab	377863	5666786	UTM NAD83 Zone 16
F0031201	Grab	394419	5667627	UTM NAD83 Zone 16
F0031202	Grab	394395	5667564	UTM NAD83 Zone 16
F0031203	Grab	394371	5667524	UTM NAD83 Zone 16
F0031204	Grab	394316	5667359	UTM NAD83 Zone 16
F0031205	Grab	380122	5666558	UTM NAD83 Zone 16
F0031206	Grab	380163	5666583	UTM NAD83 Zone 16
F0031207	Grab	380179	5666635	UTM NAD83 Zone 16
F0031208	Grab	380195	5666628	UTM NAD83 Zone 16
F0031209	Grab	380202	5666645	UTM NAD83 Zone 16
F0031210	Grab	380235	5666676	UTM NAD83 Zone 16
F0031211	Grab	380303	5666670	UTM NAD83 Zone 16
F0031212	Grab	380297	5666669	UTM NAD83 Zone 16

F0031213	Grab	380397	5666674	UTM NAD83 Zone 16
F0031214	Grab	394260	5669279	UTM NAD83 Zone 16
F0031215	Grab	394246	5669267	UTM NAD83 Zone 16
F0031216	Grab	394209	5669281	UTM NAD83 Zone 16
F0031217	Grab	393889	5669172	UTM NAD83 Zone 16
F0031218	Grab	392516	5665404	UTM NAD83 Zone 16
F0031219	Grab	392500	5665399	UTM NAD83 Zone 16
F0031220	Grab	392477	5665379	UTM NAD83 Zone 16
F0031221	Grab	392478	5665346	UTM NAD83 Zone 16
F0031222	Grab	392470	5665343	UTM NAD83 Zone 16
F0031223	Grab	392465	5665333	UTM NAD83 Zone 16
F0031224	Grab	394001	5668632	UTM NAD83 Zone 16
F0031225	Grab	394031	5668654	UTM NAD83 Zone 16
F0031226	Grab	394139	5668670	UTM NAD83 Zone 16
F0031227	Grab	394164	5668497	UTM NAD83 Zone 16
F0031228	Grab	380463	5665714	UTM NAD83 Zone 16
F0031229	Grab	380633	5665897	UTM NAD83 Zone 16
F0031230	Grab	380678	5665938	UTM NAD83 Zone 16
F0031231	Grab	380696	5665935	UTM NAD83 Zone 16
F0031232	Grab	380744	5665949	UTM NAD83 Zone 16
F0031233	Grab	377726	5666220	UTM NAD83 Zone 16
F0031234	Grab	382050	5666808	UTM NAD83 Zone 16
F0031235	Grab	382045	5666801	UTM NAD83 Zone 16
F0031236	Grab	384346	5666386	UTM NAD83 Zone 16
F0031237	Grab	384295	5666172	UTM NAD83 Zone 16
F0031238	Grab	381149	5666340	UTM NAD83 Zone 16
F0031239	Grab	377625	5667086	UTM NAD83 Zone 16
F0031240	Grab	395813	5667358	UTM NAD83 Zone 16
F0031241	Grab	395872	5667321	UTM NAD83 Zone 16
F0031242	Grab	392260	5667297	UTM NAD83 Zone 16
F0031243	Grab	392268	5667292	UTM NAD83 Zone 16

F0031244	Grab	385600	5667441	UTM NAD83 Zone 16
F0031245	Grab	385593	5667442	UTM NAD83 Zone 16
F0031246	Grab	385585	5667438	UTM NAD83 Zone 16
F0031247	Grab	385684	5667503	UTM NAD83 Zone 16
F0031248	Grab	383331	5667295	UTM NAD83 Zone 16
F0031249	Grab	388995	5667050	UTM NAD83 Zone 16
F0031250	Grab	388995	5666654	UTM NAD83 Zone 16
F0031251	Grab	388440	5666349	UTM NAD83 Zone 16
F0031252	Grab	388312	5666185	UTM NAD83 Zone 16
F0031253	Grab	388339	5666621	UTM NAD83 Zone 16
F0031254	Grab	388693	5666688	UTM NAD83 Zone 16
F0031255	Grab	377808	5666787	UTM NAD83 Zone 16
F0031256	Grab	377796	5666810	UTM NAD83 Zone 16
F0031301	Grab	394395	5667560	UTM NAD83 Zone 16
F0031302	Grab	394330	5667363	UTM NAD83 Zone 16
F0031303	Grab	380064	5666425	UTM NAD83 Zone 16
F0031304	Grab	380043	5666430	UTM NAD83 Zone 16
F0031305	Grab	380088	5666408	UTM NAD83 Zone 16
F0031306	Grab	380222	5666667	UTM NAD83 Zone 16
F0031307	Grab	394335	5669261	UTM NAD83 Zone 16
F0031308	Grab	394290	5669264	UTM NAD83 Zone 16
F0031309	Grab	393760	5669211	UTM NAD83 Zone 16
F0031310	Grab	393754	5669212	UTM NAD83 Zone 16
F0031311	Grab	392480	5665385	UTM NAD83 Zone 16
F0031312	Grab	394054	5668675	UTM NAD83 Zone 16
F0031313	Grab	394010	5668636	UTM NAD83 Zone 16
F0031314	Grab	380559	5665683	UTM NAD83 Zone 16
F0031315	Grab	380549	5665652	UTM NAD83 Zone 16
F0031316	Grab	380427	5665889	UTM NAD83 Zone 16
F0031317	Grab	380312	5665827	UTM NAD83 Zone 16
F0031318	Grab	380493	5665809	UTM NAD83 Zone 16

F0031319	Grab	380426	5665981	UTM NAD83 Zone 16
F0031320	Grab	380540	5665804	UTM NAD83 Zone 16
F0031321	Grab	377723	5666209	UTM NAD83 Zone 16
F0031322	Grab	382020	5666716	UTM NAD83 Zone 16
F0031323	Grab	384548	5666376	UTM NAD83 Zone 16
F0031324	Grab	381127	5666352	UTM NAD83 Zone 16
F0031325	Grab	395854	5667361	UTM NAD83 Zone 16
F0031326	Grab	395974	5667346	UTM NAD83 Zone 16
F0031327	Grab	392242	5667271	UTM NAD83 Zone 16
F0031328	Grab	392268	5667273	UTM NAD83 Zone 16
F0031329	Grab	385627	5667450	UTM NAD83 Zone 16
F0031330	Grab	385475	5667504	UTM NAD83 Zone 16
F0031331	Grab	385427	5667333	UTM NAD83 Zone 16
F0031332	Grab	383357	5667281	UTM NAD83 Zone 16
F0031333	Grab	389166	5666909	UTM NAD83 Zone 16
F0031334	Grab	389068	5667059	UTM NAD83 Zone 16
F0031335	Grab	388711	5666368	UTM NAD83 Zone 16
F0031336	Grab	388438	5666351	UTM NAD83 Zone 16
F0031337	Grab	388287	5666175	UTM NAD83 Zone 16
F0031338	Grab	388334	5666595	UTM NAD83 Zone 16
F0031339	Grab	388705	5666676	UTM NAD83 Zone 16
F0031340	Grab	377810	5666760	UTM NAD83 Zone 16
F0031341	Grab	377811	5666759	UTM NAD83 Zone 16
F0031342	Grab	377612	5666714	UTM NAD83 Zone 16

APPENDIX 2: JORC CODE, 2012 EDITION - TABLE 1

JORC Code, 2012 Edition – Table 1 report template

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 mineralization 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 mineralization types (eg submarine nodules) may warrant disclosure of detailed information.*	• Reconnaissance style rock grab samples were taken opportunistically from outcrop. Sampling was selected based on host rock potential within the indicative target mineralogy. Samples averaged 0.5 to 1 kg in weight. • Lithologies sampled during exploration included quartz dolerite (4 rocks), amphibolites (5 rocks), metasediments (8 rocks), medium- to coarse-grained granites (107 rocks), pegmatitic-grained granites to pegmatites (83 rocks) and other (2 rocks). • All sample information, including lithological descriptions and GPS coordinates were recorded at each sample location. • Rock samples were sent to ALS Global in Thunder Bay, Ontario, Canada, for analysis.
Drilling techniques	• *Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diametre, 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).*	• Not applicable.
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.* • *Measures taken to maximise sample recovery and ensure representative nature of the samples.* • *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	• Not applicable.
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.*	• Not applicable due to the reconnaissance nature of the sampling.

Criteria	JORC Code explanation	Commentary
	• *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* • *The total length and percentage of the relevant intersections logged.*	
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.*	• Rock grab samples were dispatched to ALS Global in Thunder Bay, Ontario, Canada, for analysis via four acid digestion with ICP-MS finish (laboratory code ME-MS61 with rare earth element add on). • The laboratory utilizes certified reference materials and blanks as part of the analyses for QA-QC. • The samples were opportunistic in nature with most samples collected from in situ outcrop and subcrop. • Samples were approximately 0.5 to 1 kg in weight and were considered generally representative of the outcrop being sampled.
Quality of assay data and laboratory tests	• *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* • *For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis 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.*	• Rock grab samples were dispatched to ALS Global in Thunder Bay, Ontario, Canada, for analysis via four acid digestion with ICP-MS finish (laboratory code ME-MS61). • The analytical methods and procedures are appropriate for this style of mineralisation. • ALS inserts its own quality control standards and blanks at set frequencies and monitors the precision of the analyses. ALS performs repeat analyses at random intervals to test lab accuracy. • Laboratory procedures are within industry standards and are appropriate for the commodity of interest. • No standards or blanks were submitted by the Company.
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.*	• Not applicable.
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.*	• Sample points were determined using a handheld GPS which is considered appropriate for the reconnaissance nature of the sampling. • All coordinates are recorded in UTM NAD 83 Zone 16.
Data spacing	• *Data spacing for reporting of Exploration Results.* • *Whether the data spacing and distribution is sufficient to establish*	• Not applicable due to the reconnaissance nature of the sampling.

Criteria	JORC Code explanation	Commentary
and distribution	*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.*	
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.*	• Not applicable.
Sample security	• *The measures taken to ensure sample security.*	• The chain of custody for samples from collection to delivery at the laboratory is handled by APEX Geoscience personnel. • The sample submission was submitted by email to the laboratory, where the sample counts and numbers will be checked by laboratory staff.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• No formal audits or reviews have been performed on the project, to date.