ASX Announcement

23 March 2023

LITHIUM SOIL ANOMALY IDENTIFIED AT DUNDAS SOUTH PROJECT

Lightning Minerals (L1M or the Company) is pleased to report further lithium soil anomalism at its 100% owned Dundas project in Western Australia. The inaugural soil sampling campaign has now been completed, and results received for E63/2000, E63/1993 and E15/1748, finalising the results for the Dundas South project area. Soil results are positive with a broad ~8km^2 zone of lithium-in-soil geochemical anomalism within tenement E63/2000 with a notable peak lithium result of 218ppm.

HIGHLIGHTS

- **Elevated lithium-in-soil anomaly over a broad ~8km^2 area, including a peak result of 218ppm lithium.**
- **Soil geochemistry within E63/2000 provide priority targets for follow up exploration.**
- **Project scale soil sampling field programs now complete across Dundas tenure**

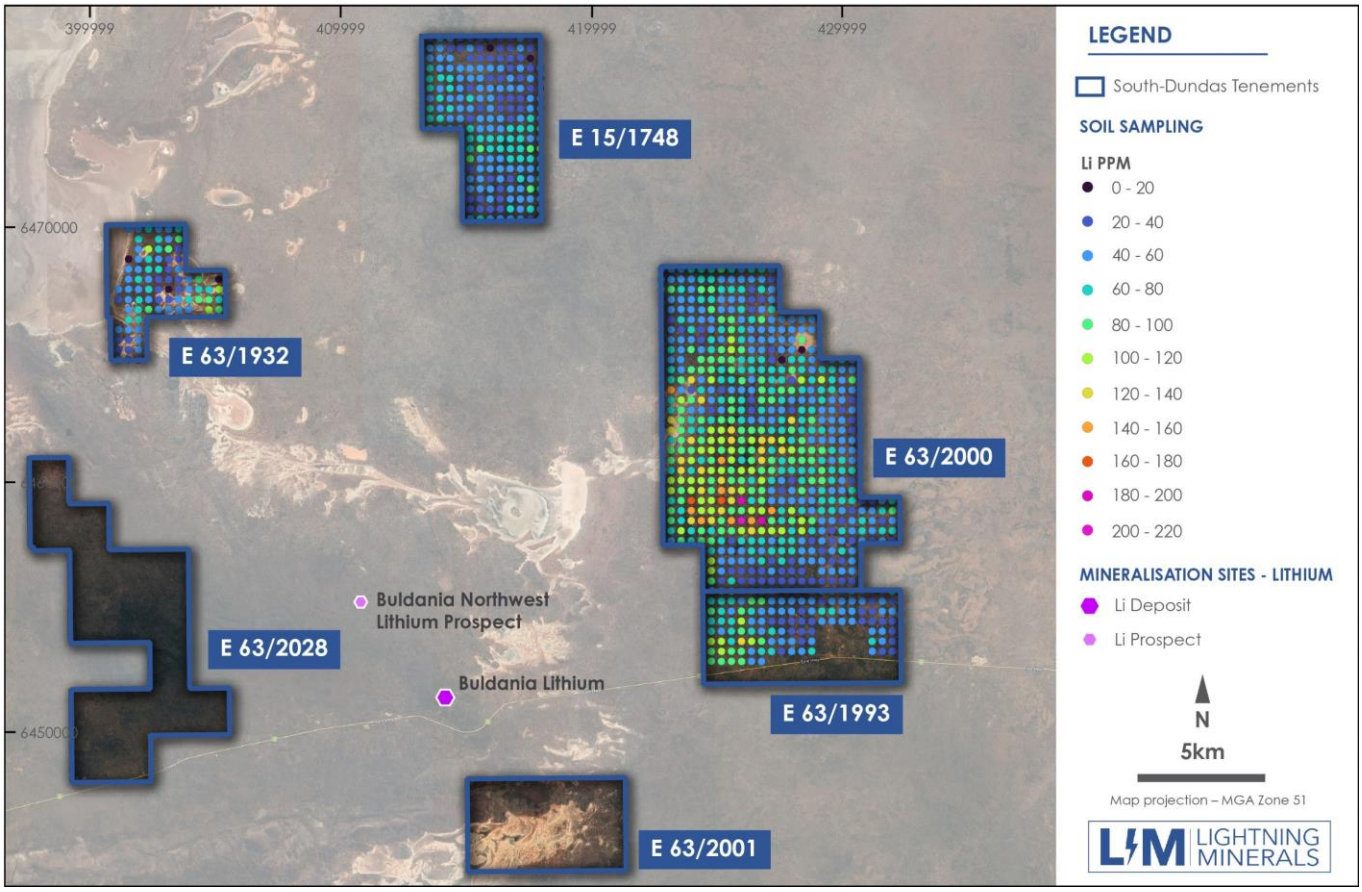
Lightning Minerals Chief Executive Officer Alex Biggs said, “Further positive lithium in soil anomalism being identified at our Dundas project again supports our exploration strategy and belief in the region as an emerging lithium and critical minerals district. Completion of all soil sampling across both our Dundas North and Dundas South tenements is a great step forward in the Company’s exploration strategy with our focus now turning to the start of our inaugural drill program on tenement E63/2001.”

DUNDAS SOUTH LITHIUM SOIL RESULTS

Results for a further 972 samples have been received for tenements E63/2000, E63/1993, E63/1932 and E15/1748 of the Dundas South project, thus completing the laboratory analytical work for the Dundas South soil sampling works. The reconnaissance exploration campaign samples were collected on a nominal 400m x 400m grid across the tenement, with analysis completed by LabWest Minerals Analysis (LabWest). Analysis utilised the Ultrafine + (UFF+) method with chemical analysis for a suite of 62 elements including lithium and associated pathfinders for lithium-caesium-tantalum (LCT) mineralisation.

Project scale sample site locations and returned lithium values are shown in Figure 1.

Figure 1 : Dundas South tenure showing returned UFF+ lithium soil geochemistry results.



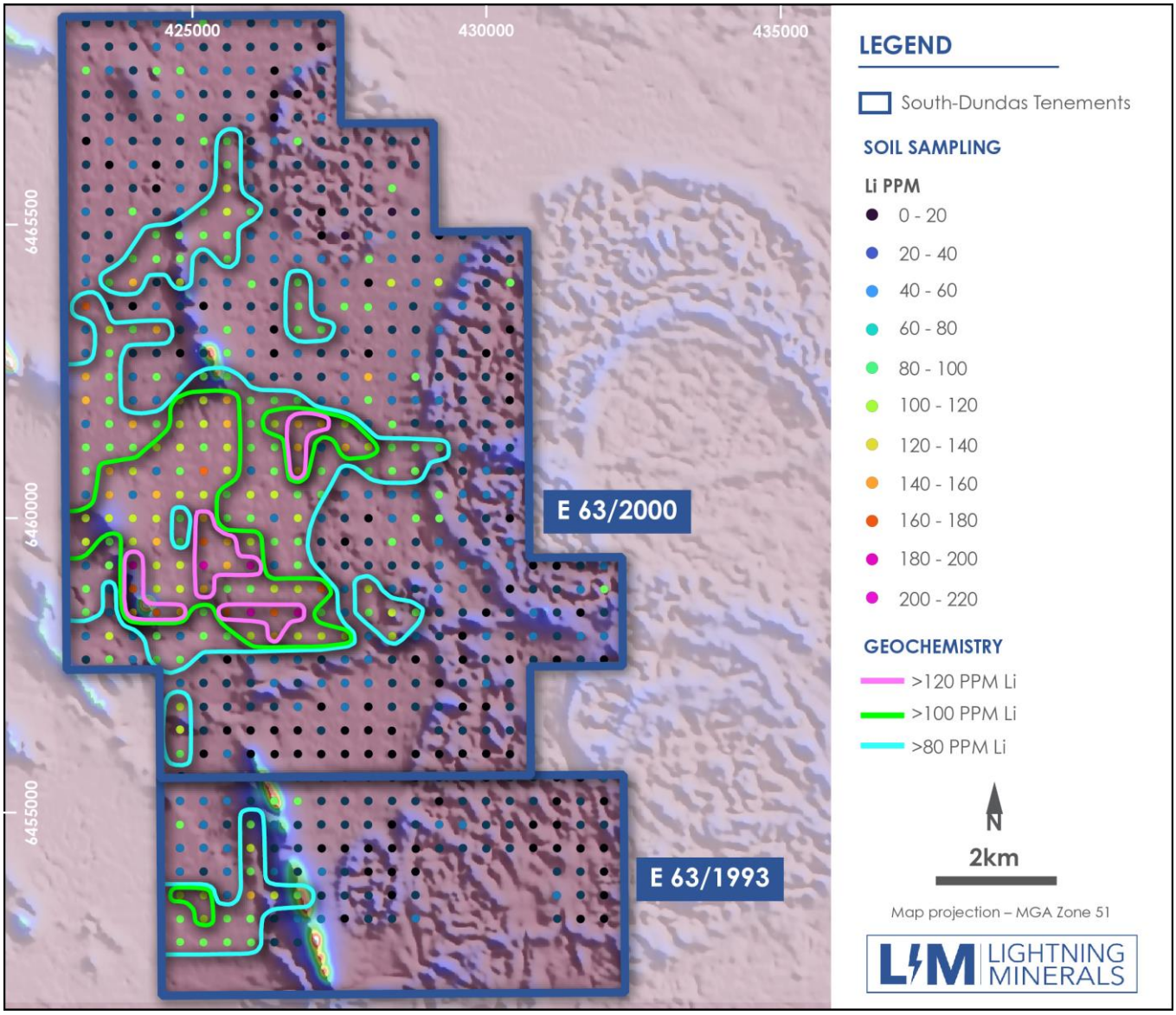
The primary target for further exploration has been identified within E63/2000, where a broad, moderate to high tenor lithium-in-soil geochemical anomaly has been discovered over an approximate 3.5km x 2.4km area (Figure 2) with assays up to 218ppm lithium.

The broad and consistent tenor of the anomalism is considered a positive indicator given the resolution of the sampling grid at 400m centres, as sub cropping LCT pegmatites are expected to occur at a scale less than the soil sample spacing of 400m. Within the greater anomalous zone five samples have returned lithium values of over 150ppm lithium, with the peak of these results reaching 218ppm lithium. These sites occur within a clustered zone near the centre of the anomaly, providing the company with a target area for further exploration such as initial infill soil sampling.

The underlying bedrock geology consists of ultramafic/mafic volcanics hosted within a felsic granitic pluton as recorded in state interpreted geological datasets. Locally there appear to be multiple phases or 'pulses' of granitic intrusive events as evidenced by the unique geophysical signature of each 'pulse' (Figure 2). Dependant on the timing and geochemistry these various pulses may have experienced the right conditions to emplace LCT pegmatites in the surrounding host rocks.

Planning of follow up exploration is underway including infill soil and auger sampling programs at a tighter grid spacing. This will add further confidence to an initial drill program targeting the identified area. Field works will be undertaken as soon as practicably possible.

Figure 2 : Lithium in soil geochemical results within E63/2000 and E63/1993, shown on Analytic Signal Total Magnetic Intensity geophysical image.

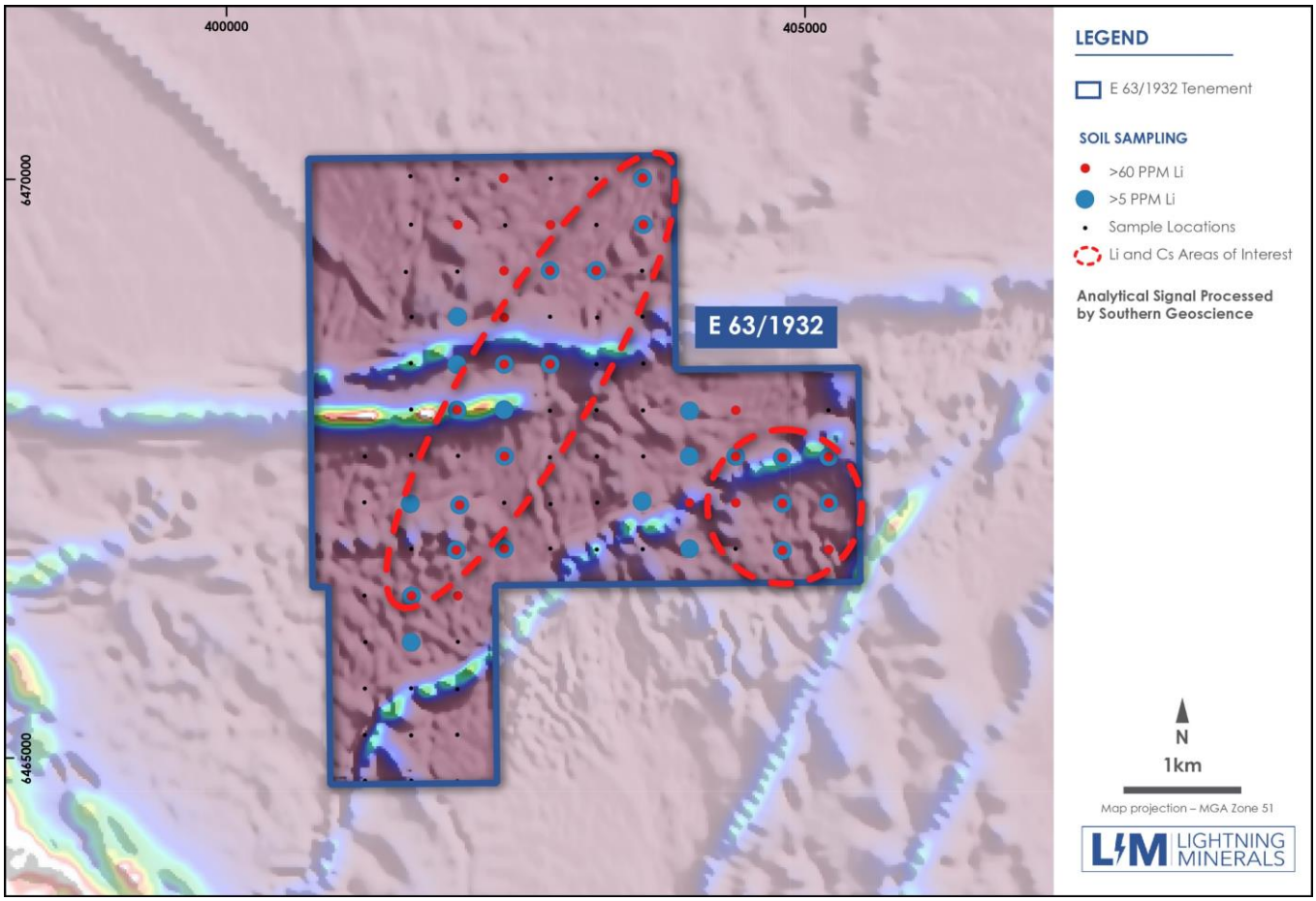


An additional two target areas occur within tenement E63/1932 where lithium anomalism is of a lower tenor, suspected to be as a result of thicker alluvial cover and differing basement lithologies. An association between elevated lithium and caesium above 5ppm with the lithium values is shown in Figure 3. The geochemical anomalism within E63/1932 is similar to the values previously reported [1] [2] for the Dundas South Project. These areas have a similar interpreted bedrock geology of metasediments of the Black Flag group, which are known to host LCT pegmatites approximately 12km to the southeast of tenement E63/1932.

A subset list of geochemical results >80ppm lithium is attached in Appendix 2.

[1]ASX Announcement 23 January 2023, [2]ASX Announcement 2 March 2023

Figure 3 : Lithium in soil geochemical results within E63/1932, shown on Analytic Signal Total Magnetic Intensity geophysical image. Red ellipses show areas with elevated lithium and caesium for follow up investigation.



DUNDAS SOUTH ROCK CHIP RESULTS

Six rock chip samples were collected during the Dundas South field campaign. These samples targeted outcropping granites to begin collecting data regarding the geochemistry of the possible parental granite suites within the project area. Review of the results will be completed upon receipt of all rock chip laboratory results. Results are included in Appendix 3.

DUNDAS PROJECT ONGOING WORK PROGRAMS

The Dundas soil sampling program field works are now complete across all project tenure. The program collected 2,676 samples, 1,368 from the Dundas South project for which results have now been returned, and 1,308 samples at the Dundas North project for which analytical work is underway.

Sampling was completed on a 400m x 400m grid spacing. Upon review of the results closer spaced sampling programs may be undertaken where geological prospectivity has been identified.

As previously announced on 2nd March 2023, Reverse Circulation and Aircore drilling activities have been proposed and approved for the E63/2001 tenement. Approvals and drill contractor procurement is underway.

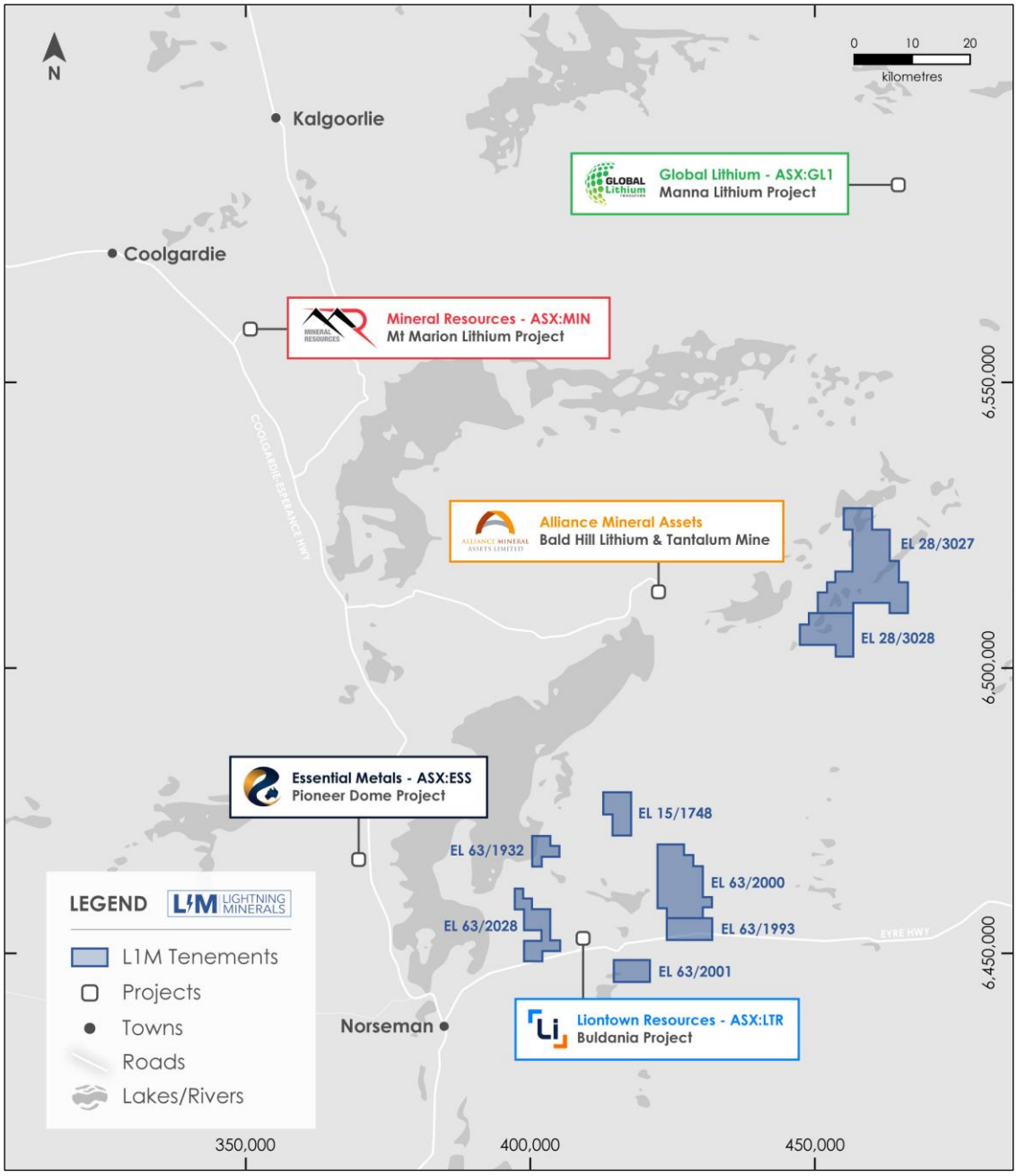
DUNDAS PROJECT (LIGHTNING MINERALS 100%)

The Dundas Project area is located near Norseman in Western Australia and comprises eight tenements totalling approximately 454km^2. Norseman has a strong history of mining dating back to 1892 and is located 190km south of Kalgoorlie. Historically, Norseman and the Dundas area has experienced mining in gold and nickel although over recent years the region has become an emerging lithium and critical minerals province with multiple discoveries and significant exploration activity.

There are two project areas at Dundas:

a) South/western tenements surrounding Liontown Resources' Buldania/Anna lithium project, and,
b) North/eastern tenements approximately 30km to the east of Alliance Mineral Assets' Bald Hill lithium-tantalum mine.

Figure 4 : Location of Lightning Minerals' Dundas Projects



This announcement has been approved for release by the Board of Directors.
-end

ABOUT LIGHTNING MINERALS

Lightning Minerals is a mineral exploration company, listed on the Australian Stock Exchange (ASX:L1M) and focused on the exploration of critical minerals and lithium at its tenements across Western Australia. The Company's flagship Dundas project is located in the prolific Dundas region of Western Australia. The Company also has other projects in Western Australia, Mt Jewell, Mt Bartle and Mailman Hill prospective for base metals and critical minerals.

FORWARD LOOKING STATEMENTS

Information included in this release constitutes forward-looking statements. Often, but not always, forward looking statements can generally be identified by the use of forward-looking words such as "may", "will", "expect", "intend", "plan", "estimate", "anticipate", "continue", and "guidance", or other similar words and may include, without limitation, statements regarding plans, strategies and objectives of management, anticipated production or construction commencement dates and expected costs or production outputs.

Forward looking statements inherently involve known and unknown risks, uncertainties and other factors that may cause the Company's actual results, performance and achievements to differ materially from any future results, performance or achievements. Relevant factors may include, but are not limited to, changes in commodity prices, foreign exchange fluctuations and general economic conditions, increased costs and demand for production inputs, the speculative nature of exploration and project development, including the risks of obtaining necessary licences and permits and diminishing quantities or grades of reserves, political and social risks, changes to the regulatory framework within which the Company operates or may in the future operate, environmental conditions including extreme weather conditions, recruitment and retention of personnel, industrial relations issues and litigation.

Forward looking statements are based on the Company and its management's good faith assumptions relating to the financial, market, regulatory and other relevant environments that will exist and affect the Company's business and operations in the future. The Company does not give any assurance that the assumptions on which forward looking statements are based will prove to be correct, or that the Company's business or operations will not be affected in any material manner by these or other factors not foreseen or foreseeable by the Company or management or beyond the Company's control.

Although the Company attempts and has attempted to identify factors that would cause actual actions, events or results to differ materially from those disclosed in forward looking statements, there may be other factors that could cause actual results, performance, achievements or events not to be as anticipated, estimated or intended, and many events are beyond the reasonable control of the Company. Accordingly, readers are cautioned not to place undue reliance on forward looking statements. Forward looking statements in these materials speak only at the date of issue. Subject to any continuing obligations under applicable law or any relevant stock exchange listing rules, in providing this information the Company does not undertake any obligation to publicly update or revise any of the forward-looking statements or to advise of any change in events, conditions or circumstances on which any such statement is based.

COMPETENT PERSONS STATEMENT

The information contained herein that relates to exploration results is based on information compiled or reviewed by Mr Jarrad Woodland, who is a Competent Person and a member of the Australasian Institute of Mining and Metallurgy. Mr Woodland is a full-time employee of the company. Mr Woodland has sufficient experience which is relevant to the style of mineralisation and types of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Persons as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Woodland consents to the inclusion of his name in the matters based on the information in the form and context in which it appears.

The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements, and that all material assumptions and technical parameters have not materially changed. The Company also confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

APPENDIX 1: DUNDAS – JORC CODE 2012 TABLE 1 CRITERIA

The Table below summarises the assessment and reporting criteria used for exploration results for the Dundas Exploration Project and reflects the guidelines in Table 1 of The Australasian Code for the Reporting of Exploration Results, Mineral Resources and Ore Reserves (The JORC 2012 Code).

SECTION 1 - SAMPLING TECHNIQUES AND DATA

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.*	• The Dundas Project soil samples are collected from below the natural surface at a depth of approximately 20cm. • Soil samples are sieved on site and the ~2mm fraction is retained for geochemical analysis. • Dundas soil sample weights are approximately 200 grams. All sieved material is collected in kraft packets (~200 grams). • The Ultrafine+ soil sampling analysis technique utilised for the Dundas Project is considered acceptable and standard industry practice. • The Dundas Project rock chip samples were collected at the natural surface. • Dundas rock chip sample weights are approximately 1-3kg. • The 'LabWest Minerals Analysis' - MMA-04_MS analytical technique is considered appropriate for rock chips, the target commodities and the stage of exploration works.
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).*	• No drilling results reported
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 drilling results reported
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.*	• Soil sample sites are photographed, described, and journaled noting landform and nature of soil media. • Soil sample descriptions are considered qualitative in nature. • Rock Chip samples are photographed, described, and journaled noting mineralogy, weathering and landform to the best ability of the contracting or company geologist. • Rock chip sample descriptions are adequate given the extent of weathering.
Sub-sampling techniques and sample preparation	*If core, whether cut or sawn and whether quarter, half or all core taken.*	• Sample preparation for the Dundas Project soil and rock chip geochemistry program follows best practice as advised 'LabWest Minerals Analysis' whom is accredited to ISO17025.

	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.*	• Soil sample sizes of approximately 200gm are considered appropriate for the Ultrafine+ analytical technique. • Dundas soil samples were collected on a 400mx400m grid pattern, some minor variations to sample site locations will occur due to field complexities. • Rock Chip sample sizes are approximately 1-3kg and are considered representative and appropriate for the analytical technique. • Dundas rock chip samples were collected on a discretionary basis, due to this sample spacings are irregular and focused over areas with adequate outcrop.
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.*	• The analysis of soil samples by LabWest using the Ultrafine+ method is adequate at this early stage of exploration, this includes the assessment of bedrock under moderate quaternary cover. • The analysis of rock chip samples by LabWest using the MMA-04_MS method is adequate at this early stage of exploration. • LabWest uses internal QAQC process • The remaining bulk of each sample (-2mm) has been retained and the coarse fraction/pulp (if one existed) of each sample has also been preserved.
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.*	• No drilling results reported. • No twinned holes or drilling results are reported. • Primary soil and rock sample locations are collected electronically via a handheld GPS – Garmin GPSMap 62s. • No adjustments have been applied to laboratory assay results.
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.*	• Handheld Garmin GPS instruments were used to locate the sample sites, these instruments are understood to be accurate within a nominal ±5m in the horizontal and vertical planes. • This spatial location accuracy is considered adequate for early grid soil sampling programs. • All samples were collected in the Geocentric Datum of Australia 1994 (GDA94) system. (MGA94, Zone 51)
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.*	• Soil samples were taken on a 400m x 400m grid, these samples spacings may require minor and infrequent variation dependent on field conditions. • Dundas rock chip samples were collected on a discretionary basis by company geologists, due to this sample spacings are irregular and focused over areas with adequate outcrop and perceived geological prospectivity. • The reporting of field observations and are not indicative of mineralisation. Further exploration work including an assessment of the current soil and rock chip sampling results and follow up drilling and sampling are required to confirm the presence of any mineralisation. • There is no known sample representivity to mineralisation at this early stage of exploration sampling. • No compositing undertaken on soil or rock chip samples.

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.*	• The strike of geological units across the Dundas project is variable. • The 400m x 400m sample spacing grid is sufficient to ensure that no specific structures or known trends of mineralisation have received biased targeting. • Rock Chip sampling is based upon the discretion of the field geologist. Sample selection contained within this report are considered representative of the immediate location at which sampling took place. No specific structures or known trends of mineralisation within the pegmatites have received biased targeting.
Sample security	*The measures taken to ensure sample security.*	• Samples were secured in closed HDPE bags and stored at secure premises during the field campaign. • The field supervisor who supervised the soil sample collection delivered the sample packets to the laboratory.
Audits or reviews	*The results of any audits or reviews of sampling techniques and data.*	• No audits or reviews of sampling techniques have been conducted to date.

SECTION 2 - REPORTING OF EXPLORATION RESULTS

Criteria	**JORC Code explanation**	**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 Dundas Projects are located ~600km east of Perth and 20 to 50 km ENE of Norseman in Western Australia. • The Dundas Project area totals ~450km2 and comprises eight granted exploration licences separated into two exploration areas – Dundas North (E28/3027 and E28/3028) and Dundas South (E15/1748, E63/1932, E63/1993, E63/2000, E63/2001, and E63/2028) • The Tenements are covered by the Ngadju Determined Native Title Claim (WCD2014/004). • The Tenements are considered in good standing at the time of this report.
Exploration done by other parties	*Acknowledgment and appraisal of exploration by other parties.*	• The Project area has been explored predominantly for Gold and Nickel by various prior parties. • More recent exploration has included a focus on Lithium via explorers such as Matsa Resources (2008-2018), West Resource Ventures (2018 – 2019), and Liontown Resources (2018-2020). • The result of this work is described in numerous publicly available Geological Society of Western Australia publications. • Review of the considerable historic exploration activities is ongoing; data is being collated into company databases as per industry standard data collection practice.
Geology	*Deposit type, geological setting and style of mineralisation.*	• No known mineral deposits occur within project tenure. • There are publicly reported occurrences of Lithium – Caesium-Tantalum (LCT) pegmatites within acceptable proximity to the Dundas Project exploration tenure. • The Dundas Project is located at the southern-eastern end of the Norseman-Wiluna Belt within the Archaean Yilgarn Craton. The project area sits adjacent to the Jerdacuttup Fault which represents the boundary or the Archaean Yilgarn Craton with the adjacent Proterozoic Albany-Fraser Province.
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*	• No drilling reported

	○ *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* ○ *dip and azimuth of the hole* ○ *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.*	
Data aggregation methods	*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.* *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 levelling of the raw geochemical data was undertaken. • Images have been generated using QGis software. • No metal equivalent values are reported.
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 (eg 'down hole length, true width not known').*	• Any relationship between reported geochemical results and potential mineralisation is unknown at the time of the report.
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.*	• Appropriate two-dimensional plans have been included in the body of this announcement; these plans suitably represent the nature of surface geochemical sampling.
Balanced reporting	*Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	• Representative reporting of soil results is shown in Figure 1, 2, and 3 of the above report. • Assay data for soil samples with greater than 80 ppm lithium is shown in Appendix 2 • A subset of the raw assay data for rock chips is shown in Appendix 3, this includes samples taken within granites and rocks of unknown composition for exploration investigation activities.
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.*	• All meaningful data and relevant information has been included in the body of the report.
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.*	• Field validation of elevated Lithium results is planned by company geologists. • Infill soil and auger sampling campaigns will be considered to infill the 400m x 400m sampling grid to a higher resolution. • Planning of follow up Aircore, Reverse Circulation or Diamond Drilling of Geochemical targets remains under consideration.

APPENDIX 2: DUNDAS SOUTH SOIL DATA FOR RESULTS >80PPM LITHIUM

Project	Sample Type	Sample ID	Easting (MGA94_Z51)	Northing (MGA94_Z51)	Caesium (ppm)	Lithium (ppm)
Dundas South	Soil	DS00106	413601	6474003	5.2	84.8
Dundas South	Soil	DS00117	418001	6473996	4.76	91
Dundas South	Soil	DS00127	415601	6473200	5.54	81.9
Dundas South	Soil	DS00132	417598	6473196	4.76	96.4
Dundas South	Soil	DS00133	417995	6473201	5.12	120
Dundas South	Soil	DS00134	415199	6472798	6.23	84.6
Dundas South	Soil	DS01519	403602	6469600	5.11	89.4
Dundas South	Soil	DS01524	402400	6469201	4.72	113
Dundas South	Soil	DS01526	403195	6469203	5.4	81
Dundas South	Soil	DS01553	404399	6467998	3.68	83.8
Dundas South	Soil	DS01567	405200	6467597	7.29	114
Dundas South	Soil	DS01577	404399	6467200	4.25	89.4
Dundas South	Soil	DS01578	404801	6467195	5.24	85.6
Dundas South	Soil	DS01584	402402	6466805	5.8	94.1
Dundas South	Soil	DS01590	404801	6466789	5.63	105
Dundas South	Soil	DS01591	405201	6466796	4.92	84.2
Dundas South	Soil	DS01627	426398	6455201	6.87	82.5
Dundas South	Soil	DS01628	426797	6455198	7.09	82.3
Dundas South	Soil	DS00164	417602	6471597	5.07	86.3
Dundas South	Soil	DS01642	424796	6454797	8.87	94.3
Dundas South	Soil	DS01645	425998	6454801	8.06	94.5
Dundas South	Soil	DS01664	425995	6454402	6.97	108
Dundas South	Soil	DS01683	425996	6454005	6.53	96.4
Dundas South	Soil	DS01699	424799	6453598	5.39	114
Dundas South	Soil	DS01700	425199	6453597	5.12	106
Dundas South	Soil	DS01702	425999	6453600	7.68	125
Dundas South	Soil	DS01703	426399	6453598	5.65	109
Dundas South	Soil	DS01704	426795	6453601	7.17	95.5
Dundas South	Soil	DS01718	424801	6453194	6.17	91.7
Dundas South	Soil	DS01719	425203	6453199	7.05	105
Dundas South	Soil	DS01720	425598	6453202	6.28	84.5
Dundas South	Soil	DS01721	425993	6453200	7.58	83.8
Dundas South	Soil	DS01737	424800	6452807	4.86	82.4
Dundas South	Soil	DS01738	425196	6452800	5.14	82.7
Dundas South	Soil	DS01739	425600	6452802	5.37	85.8
Dundas South	Soil	DS01740	426005	6452798	6.02	84.8
Dundas South	Soil	DS01800	425191	6468402	12.6	84.5
Dundas South	Soil	DS01819	423201	6467600	4.38	88.1
Dundas South	Soil	DS01822	424401	6467593	8.53	94.6
Dundas South	Soil	DS01823	424801	6467596	8.99	91.3
Dundas South	Soil	DS01845	424802	6466801	6.29	95.3
Dundas South	Soil	DS01857	425202	6466399	7.35	89.2
Dundas South	Soil	DS01858	425596	6466396	6.69	85.7

Dundas South	Soil	DS01861	426798	6466398	5.59	86.4
Dundas South	Soil	DS01873	425598	6465999	6.49	90.4
Dundas South	Soil	DS01888	425594	6465600	6.84	103
Dundas South	Soil	DS01895	428400	6465601	4.02	83.6
Dundas South	Soil	DS01899	423992	6465206	11.4	87.5
Dundas South	Soil	DS01902	425200	6465199	6.09	84.4
Dundas South	Soil	DS01903	425596	6465201	6.43	101
Dundas South	Soil	DS01904	425996	6465200	6.63	94.8
Dundas South	Soil	DS01913	423577	6464810	6.99	95.2
Dundas South	Soil	DS01915	424390	6464813	5.49	93.5
Dundas South	Soil	DS01916	424788	6464803	5.58	82.7
Dundas South	Soil	DS01917	425197	6464801	6.48	88.2
Dundas South	Soil	DS01918	425597	6464801	5.76	83.3
Dundas South	Soil	DS01933	423999	6464404	5.51	84
Dundas South	Soil	DS01934	424396	6464397	5.01	96.9
Dundas South	Soil	DS01935	424799	6464404	5.95	92.9
Dundas South	Soil	DS01937	425601	6464398	6.86	85.4
Dundas South	Soil	DS01943	428009	6464396	6.62	95.2
Dundas South	Soil	DS01951	423595	6464000	6.5	81.3
Dundas South	Soil	DS01952	424001	6464001	5.96	130
Dundas South	Soil	DS01954	424797	6464001	5.47	108
Dundas South	Soil	DS01957	426017	6463972	7.14	80.4
Dundas South	Soil	DS01959	426799	6464000	10.9	95.9
Dundas South	Soil	DS01963	428385	6463995	7.73	112
Dundas South	Soil	DS01965	429187	6464007	5.86	103
Dundas South	Soil	DS01968	430408	6463998	6.71	94.1
Dundas South	Soil	DS01969	423198	6463600	9.97	143
Dundas South	Soil	DS01978	426810	6463598	15.6	97.4
Dundas South	Soil	DS01980	427589	6463592	7.49	96.2
Dundas South	Soil	DS01981	427993	6463584	6.56	95.1
Dundas South	Soil	DS01989	423600	6463201	7.9	120
Dundas South	Soil	DS01990	423999	6463205	6.03	83.4
Dundas South	Soil	DS01991	424401	6463199	6.36	130
Dundas South	Soil	DS01994	425601	6463196	6.5	98.9
Dundas South	Soil	DS01997	426799	6463199	8.65	89.8
Dundas South	Soil	DS01998	427198	6463200	6.94	80.1
Dundas South	Soil	DS02008	423600	6462801	9.21	94.2
Dundas South	Soil	DS02013	425599	6462805	8.03	93.3
Dundas South	Soil	DS02026	423197	6462407	12.9	122
Dundas South	Soil	DS02027	423596	6462399	10.4	90
Dundas South	Soil	DS02029	424400	6462399	6.06	84.9
Dundas South	Soil	DS02031	425200	6462407	6.85	92.8
Dundas South	Soil	DS02032	425598	6462403	6.45	88.9
Dundas South	Soil	DS02038	427995	6462397	7.34	122
Dundas South	Soil	DS02040	428798	6462401	6.02	99.7
Dundas South	Soil	DS02045	423199	6462001	14.4	124

Dundas South	Soil	DS02046	423599	6461998	10.5	95.2
Dundas South	Soil	DS02049	424792	6462000	7.03	117
Dundas South	Soil	DS02050	425195	6462001	6.46	107
Dundas South	Soil	DS02051	425597	6462005	6.74	130
Dundas South	Soil	DS02052	425997	6461998	5.53	86
Dundas South	Soil	DS02053	426400	6461999	6.29	80.5
Dundas South	Soil	DS02054	426793	6461999	6.27	98.1
Dundas South	Soil	DS02057	427995	6462006	6.71	100
Dundas South	Soil	DS02065	423597	6461601	10.8	98.5
Dundas South	Soil	DS02066	423997	6461596	7.4	123
Dundas South	Soil	DS02067	424402	6461600	6.2	81.9
Dundas South	Soil	DS02068	424792	6461595	7.38	120
Dundas South	Soil	DS02069	425199	6461600	6.25	108
Dundas South	Soil	DS02070	425599	6461601	7.16	137
Dundas South	Soil	DS02071	426001	6461602	6.14	99.4
Dundas South	Soil	DS02072	426408	6461601	6.42	109
Dundas South	Soil	DS02073	426808	6461599	6.65	126
Dundas South	Soil	DS02074	427196	6461603	6.4	121
Dundas South	Soil	DS02075	427599	6461602	8.14	120
Dundas South	Soil	DS02077	428405	6461590	8.2	80.7
Dundas South	Soil	DS02083	423199	6461203	7.55	86
Dundas South	Soil	DS02084	423604	6461203	6.88	93.9
Dundas South	Soil	DS02085	424001	6461200	7.07	99.2
Dundas South	Soil	DS02086	424401	6461204	6.21	115
Dundas South	Soil	DS02087	424799	6461201	6.18	114
Dundas South	Soil	DS02088	425202	6461204	5.32	95.1
Dundas South	Soil	DS02089	425601	6461201	6.01	105
Dundas South	Soil	DS02090	426002	6461197	5	87.2
Dundas South	Soil	DS02091	426405	6461206	5.68	89.6
Dundas South	Soil	DS02092	426798	6461203	6.11	121
Dundas South	Soil	DS02094	427609	6461202	12.3	134
Dundas South	Soil	DS02095	427997	6461212	8.08	106
Dundas South	Soil	DS02096	428397	6461202	7.7	90.9
Dundas South	Soil	DS02097	428796	6461203	8.31	80.5
Dundas South	Soil	DS02098	429201	6461200	6.13	86.2
Dundas South	Soil	DS02102	423200	6460800	5.85	92.6
Dundas South	Soil	DS02103	423600	6460798	7.3	124
Dundas South	Soil	DS02104	423999	6460798	7.09	117
Dundas South	Soil	DS02106	424797	6460799	5.68	97
Dundas South	Soil	DS02107	425202	6460800	6.26	143
Dundas South	Soil	DS02108	425599	6460812	5.91	112
Dundas South	Soil	DS02110	426398	6460796	5.97	83.8
Dundas South	Soil	DS02111	426802	6460801	6.95	135
Dundas South	Soil	DS02112	427200	6460800	7.58	89.6
Dundas South	Soil	DS02114	428000	6460801	8.1	80.1
Dundas South	Soil	DS02115	428402	6460801	9.3	92.3

Dundas South	Soil	DS02116	428790	6460798	11.2	83
Dundas South	Soil	DS02122	423597	6460398	7.39	123
Dundas South	Soil	DS02124	424400	6460401	6.97	124
Dundas South	Soil	DS02125	424794	6460397	5.62	111
Dundas South	Soil	DS02126	425200	6460398	5.74	109
Dundas South	Soil	DS02127	425590	6460404	5.32	88.3
Dundas South	Soil	DS02128	425995	6460399	5.7	104
Dundas South	Soil	DS02129	426400	6460400	5.59	105
Dundas South	Soil	DS02130	426796	6460401	6.04	91.7
Dundas South	Soil	DS02131	427198	6460400	5.67	83.6
Dundas South	Soil	DS02136	429196	6460399	9.11	84
Dundas South	Soil	DS02140	423196	6460002	7.11	109
Dundas South	Soil	DS02141	423594	6460003	8.25	120
Dundas South	Soil	DS02142	423996	6459999	7.87	104
Dundas South	Soil	DS02143	424395	6459993	6.16	114
Dundas South	Soil	DS02144	424799	6459997	6.31	97.1
Dundas South	Soil	DS02145	425197	6460002	6.77	126
Dundas South	Soil	DS02146	425597	6460001	5.66	86.6
Dundas South	Soil	DS02147	425998	6460000	6.07	96
Dundas South	Soil	DS02149	426800	6460002	8.88	112
Dundas South	Soil	DS02154	428804	6459997	11.1	98.9
Dundas South	Soil	DS02155	429202	6459997	12.6	99.6
Dundas South	Soil	DS02159	423199	6459597	7.73	110
Dundas South	Soil	DS02160	423601	6459602	6.84	83
Dundas South	Soil	DS02161	423998	6459604	6.87	105
Dundas South	Soil	DS02162	424402	6459601	5.91	140
Dundas South	Soil	DS02163	424798	6459600	5.68	97.3
Dundas South	Soil	DS02164	425198	6459602	6.65	148
Dundas South	Soil	DS02165	425604	6459601	7.13	137
Dundas South	Soil	DS02166	425997	6459599	6.24	115
Dundas South	Soil	DS02167	426402	6459599	5.51	100
Dundas South	Soil	DS02168	426804	6459601	6.79	93.3
Dundas South	Soil	DS02172	428400	6459597	13.3	85.9
Dundas South	Soil	DS02179	423595	6459199	5.71	83.5
Dundas South	Soil	DS02180	423999	6459200	8.48	166
Dundas South	Soil	DS02181	424399	6459197	6.56	110
Dundas South	Soil	DS02182	424800	6459205	5.73	114
Dundas South	Soil	DS02183	425199	6459201	9.02	176
Dundas South	Soil	DS02184	425598	6459199	6.32	138
Dundas South	Soil	DS02185	425998	6459199	8.97	196
Dundas South	Soil	DS02187	426799	6459202	7.04	89.4
Dundas South	Soil	DS02201	423201	6458799	7.43	84.3
Dundas South	Soil	DS02203	423998	6458801	6.62	148
Dundas South	Soil	DS02204	424403	6458801	7.21	119
Dundas South	Soil	DS02205	424798	6458799	5.7	118
Dundas South	Soil	DS02206	425201	6458798	7.65	140

Dundas South	Soil	DS02207	425602	6458800	6.74	96
Dundas South	Soil	DS02208	425996	6458800	5.92	94.5
Dundas South	Soil	DS02209	426399	6458802	9.07	113
Dundas South	Soil	DS02210	426802	6458797	9.98	108
Dundas South	Soil	DS02211	427202	6458801	15.2	141
Dundas South	Soil	DS02213	427996	6458799	13.3	110
Dundas South	Soil	DS02223	432003	6458795	6.96	86.8
Dundas South	Soil	DS02224	423199	6458404	7.08	94.4
Dundas South	Soil	DS02226	423999	6458397	6.89	122
Dundas South	Soil	DS02227	424401	6458399	7.86	142
Dundas South	Soil	DS02228	424802	6458408	7.24	121
Dundas South	Soil	DS02229	425197	6458404	6.19	96
Dundas South	Soil	DS02230	425597	6458403	7.99	142
Dundas South	Soil	DS02231	425999	6458403	15.1	218
Dundas South	Soil	DS02232	426399	6458401	11.4	148
Dundas South	Soil	DS02233	426799	6458399	9.38	188
Dundas South	Soil	DS02234	427199	6458400	5.97	86.8
Dundas South	Soil	DS02236	428002	6458399	7.85	94.9
Dundas South	Soil	DS02237	428398	6458398	13.3	104
Dundas South	Soil	DS02238	428803	6458398	8.05	83.8
Dundas South	Soil	DS02248	423597	6458001	6.04	110
Dundas South	Soil	DS02250	424403	6458002	5.72	88.7
Dundas South	Soil	DS02252	425199	6458002	5.58	91.7
Dundas South	Soil	DS02253	425600	6458000	8.81	91.7
Dundas South	Soil	DS02254	425999	6458004	7.22	112
Dundas South	Soil	DS02255	426401	6457999	11.4	124
Dundas South	Soil	DS02256	426800	6458000	9.47	112
Dundas South	Soil	DS02257	427201	6458000	9.86	110
Dundas South	Soil	DS02258	427602	6457999	11.4	106
Dundas South	Soil	DS02260	428401	6457999	10.3	115
Dundas South	Soil	DS02271	423597	6457603	5.73	83.1
Dundas South	Soil	DS02273	424401	6457601	5.82	95.2
Dundas South	Soil	DS02274	424799	6457599	7.24	97.5
Dundas South	Soil	DS02308	424800	6456799	5.51	109
Dundas South	Soil	DS02323	424799	6456412	6.03	104
Dundas South	Soil	DS02338	424799	6456000	6.7	98.8

APPENDIX 3: DUNDAS SOUTH ROCK CHIP DATA

Project	Sample ID	Easting (MGA94_Z51)	Northing (MGA94_Z51)	Description	Al ppm	Be ppm	Ca ppm	Cs ppm	K ppm	La ppm	Li ppm	Na ppm	Nb ppm	Rb ppm	Se ppm	Sn ppm	Ta ppm	U ppm
Dundas South	DSRK0016	400891	6450011	Outcrop, monzogranite with quartz	54900	1.68	6710	1	18000	9.19	7.8	28300	1.5	52	0.7	0.5	0.09	2.89
Dundas South	DSRK0017	400385	6449608	Outcrop Monzogranite	4700	0.07	1940	0.2	1260	2.37	2	1550	0.8	3.5	2.77	0.8	0.03	0.44
Dundas South	DSRK0018	403356	6452383	Outcrop granite, sheared	73700	0.27	72100	0.4	1280	2.32	5.3	13600	2.1	4.6	1.4	0.3	0.08	0.08
Dundas South	DSRK0019	427135	6467472	Granite outcrop (50mx50m) with minor quartz veining	61500	0.81	1120	0.4	52000	3.38	3	16600	5.7	91.7	0.28	0.4	0.74	4.3
Dundas South	DSRK0020	423282	6465097	Large felsic volcanic/granite outcrop. 50m by 30m wide. Extremely weathered.	72200	2.14	3720	5.8	44200	32.2	49.2	23600	11.3	304	0.49	3.4	1.38	4.72
Dundas South	DSRK0021	423196	6462406	Outcrop – granite, moderate weathering	71100	2.29	2280	7.2	41100	22	46.1	24500	18.5	317	0.23	5.2	2.1	3.53