EXTENSIVE LCT PEGMATITE FIELD DISCOVERED AT YANDAL PROJECT, WA

Over 100 pegmatite occurrences mapped over an area of 1.4km by 600m, coincident with an anomalous lithium-in-soil response, ~40km north-east of the world-class Kathleen Valley Lithium-Tantalum Project

- Detailed mapping has delineated the surface extent of a large LCT pegmatite field on the western side of the Hammer Metals Orelia Target 1 prospect, part of its 100%-owned Yandal Project in WA's Northeastern Goldfields.
- Over 100 pegmatites were mapped with individual pegmatite lengths of up to 600m and 20m in width.
- The pegmatite swarm covers an area approximately 1.4km long by 600m wide. The pegmatites have an easterly strike with moderate dips to the north. To the east the outcrops are hidden by thick regolith development.
- Soil sampling has confirmed prospective target horizons with coherent anomalies delivering maximum lithium-soil anomalies of up to 137ppm Li_2O.
- Sampling indicates that a zonation path (typical of LCT pegmatites) is in operation with increased geochemical levels of lithium noted in Hammer drilling at distances of up to 700m from the granite margin.
- Re-analysis of the last metre of historic gold-related drill samples has defined a lithium geochemical dispersion zone with individual lithium grades of up to 592ppm Li_2O.
- Reverse Circulation (RC) drilling program planned for early 2024 targeting below the outcropping pegmatites and the anomalous bottom-of-hole lithium assays.

Figure 1. *Example of a pegmatite outcrop from Orelia North.*

ASX RELEASE
22 November 2023

DIRECTORS / MANAGEMENT

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Chairman

Daniel Thomas
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Company Secretary

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CAPITAL STRUCTURE

ASX Code: HMX

Share Price (21/11/2023)	$0.05
Shares on Issue	886m
Market Cap	$44.3m
Options Unlisted	17.6m
Performance Rights	8m
Cash (30/09/2023)	$3.4m

Hammer's Managing Director, Daniel Thomas said:

"Recent exploration field work at Yandal Project has confirmed the outstanding lithium prospectivity of the Target 1 prospect at North Orelia. Detailed mapping has outlined a far more extensive pegmatite swarm than was initially envisaged and soil sampling has confirmed the previously noted bottom-of-hole lithium anomalism.

"The source of this anomalism is yet to be explained and, with a nearby LCT-type pegmatite field identified at surface, the Company believes that the widespread lithium anomalism may be the halo of a lithium-bearing pegmatite system. A targeted Reverse Circulation drilling program is being formulated with drilling likely to commence in early 2024."

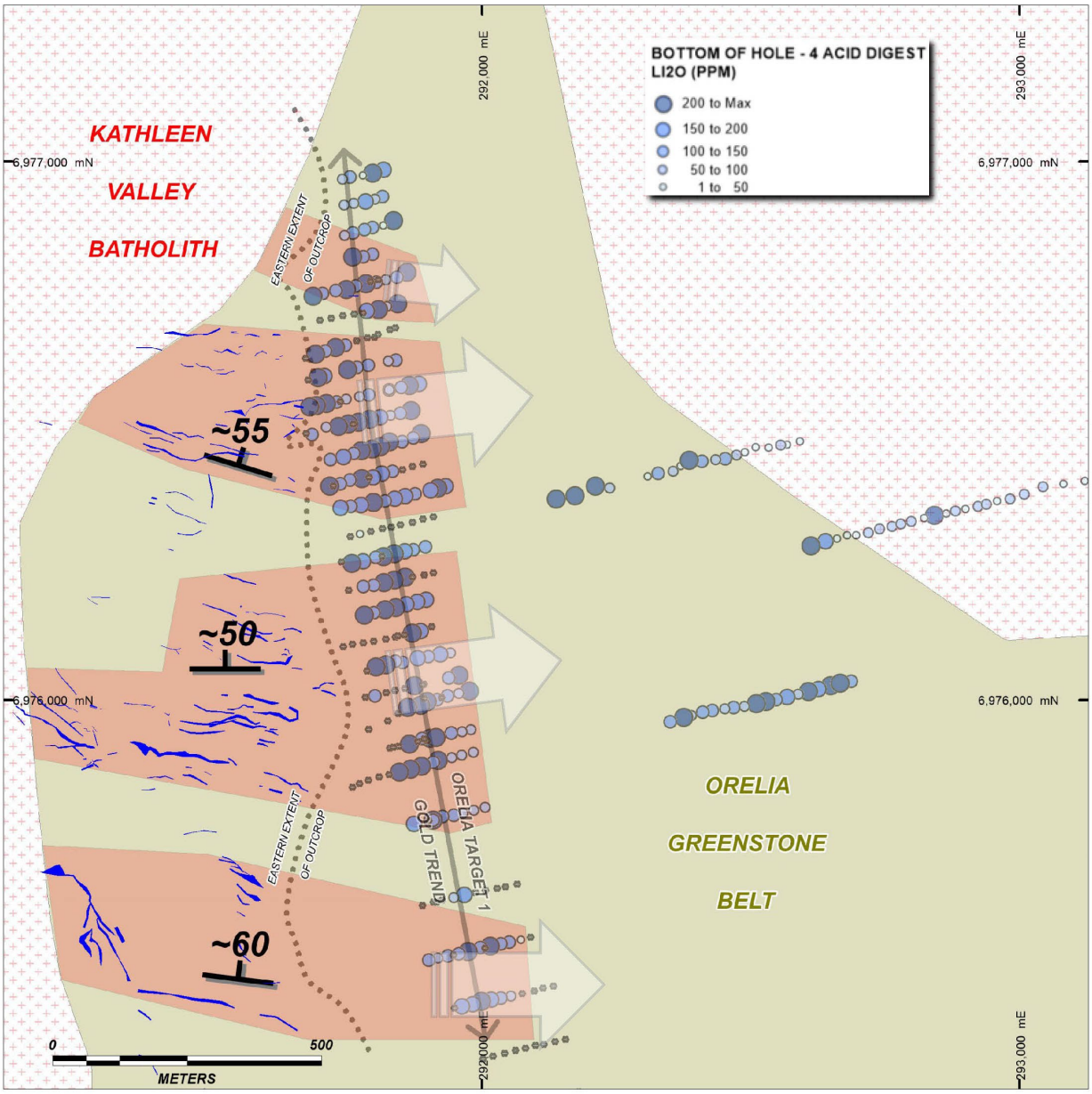

Figure 2. *Mapping of the Orelia North Pegmatite Field, showing pegmatite swarms, bottom-of-hole lithium assays and possible target zones (shown in red) highlighting zonation vectors (arrows). Refer to ASX announcements dated 4 August 2020, 13 October 2020, 23 December 2021 and 6 December 2022. Hole assay and select analytical data is tabulated in Appendix 1.*

Hammer Metals Ltd (ASX: HMX) ("**Hammer**" or the "**Company**") is pleased to report the results of recent lithium-focused geological mapping together with additional soil sampling results from the Orelia North area within its 100%-owned Yandal Project in Western Australia's Northeastern Goldfields.

Pegmatites were initially discovered on the eastern side of the Kathleen Valley Batholith after follow-up of a 35ppm lithium soil response (see ASX announcement, 6 December 2022). Subsequent sampling of the Kathleen Valley Granite to the west of the Orelia pegmatite swarm indicates that it is a fractionated i-type granite. This is an ideal parental magma chemistry to produce LCT pegmatites.

Multi-element analysis of rock chip samples has confirmed that the pegmatites are of the lithium, caesium, tantalum ("LCT") type. Multi-element geochemistry indicates that the pegmatites are anomalous in Be, Cs, Na, Nb, Ta and Rb and depleted in Ca, Ba, Fe, REE, V, Ti and Zr. Indicator ratios of K/Rb <150, Nb/Ta<5 and Zr/Hf<18 confirm the LCT nature of the pegmatites.

While the lithium grade of the pegmatites is low (see ASX announcement dated 6 December 2022), Hammer's geologists interpret that this response is related to the proximity of the pegmatites to the granite and the degree of pegmatite zonation.

Figure 3. *Examples of pegmatites from the Orelia North pegmatite field. Left Sample MW2211_15 and Right Sample MW2211_37. See ASX announcement dated 6 December 2022.*

Extrapolation of the strike of the pegmatite swarm shows that it would trend through the Orelia T1 gold prospect area. Previous drilling conducted by Hammer Metals at this prospect targeted gold mineralisation hosted by north-trending shear zones. However, these historic holes drilled by Hammer would have been oriented sub-parallel to the pegmatite trends, which means that further testing is warranted using a different drilling orientation.

Soil and Bottom-of-Hole Re-assaying

Soil sampling was recently undertaken to identify a potential lateral zonation in the lithium response at greater distances from the Kathleen Valley Batholith. When used in conjunction with bottom-of-hole assays and older soil sampling, it appears that the lithium response is strengthening at greater distances from the granite contact than would be indicated by examining the distribution of the pegmatites in isolation (Figure 4).

North-south oriented soil sampling lines located to the east of Orelia Target 1 are anomalous in lithium, indicating a possible source beneath cover.

Bottom of hole re-assaying was conducted by Hammer Metals on the gold-focused drilling at Target 1 and analyses confirmed that there is a detectable lithium dispersion halo peaking over a plus 1km strike extent with an individual maximum response of 592ppm Li2O. This halo would be expected if a lithium-bearing source was located nearby (Figure 2). Hole location and select analytical data is tabulated in Appendix 1.

Geological Mapping

Over 100 individual pegmatites were mapped with maximum individual pegmatite lengths of up to 600m and widths of up to 20m. The pegmatite zone spans an area extending over 1.4km from north-to-south and 600m from east-to-west. This is comparable to Liontown Resources' Kathleen Valley pegmatite field, located approximately 37km to the south-west.

The pegmatites strike between 80 to 120 degrees, broadly perpendicular to the Kathleen Valley Batholith, which is thought to be the fluid source for the pegmatites. Dips in general are moderate to the north.

Pegmatites are largely hosted within mafic units abutting the granite contact. At a broad scale there is a correlation between magnetic lows and increased pegmatite density, possibly indicating that the pegmatites are associated with large throughgoing structures.

Significance and implications for further work

Pegmatites are zoned late-stage emanations from granites and different granite types produce different pegmatite types. A fractionated i-type granite is a suitable parent chemistry for the production of LCT pegmatites. The zonation path at increasing distances from the granite produces chemical characteristics similar to that seen in Hammer's multi-element pegmatite analyses, and the culmination of the zonation results in the emplacement of a lithium-enriched pegmatite.

In relation to the Orelia prospect, two pegmatite zonation paths are possible:

- The zonation path can occur with increasing distance from the granite contact. This appears to be the case at Orelia, with the zone of elevated lithium noted in bottom of hole re-assays being located at a further distance from the granite contact from the pegmatite swarm outcrops.

- Zonation could also occur at depth relative to the pegmatite outcrops.

A Reverse Circulation drilling program is being formulated to test beneath the outcropping pegmatite units in addition to testing the zones of the highest bottom-of-hole lithium responses.

Drilling is likely to commence in early 2024.

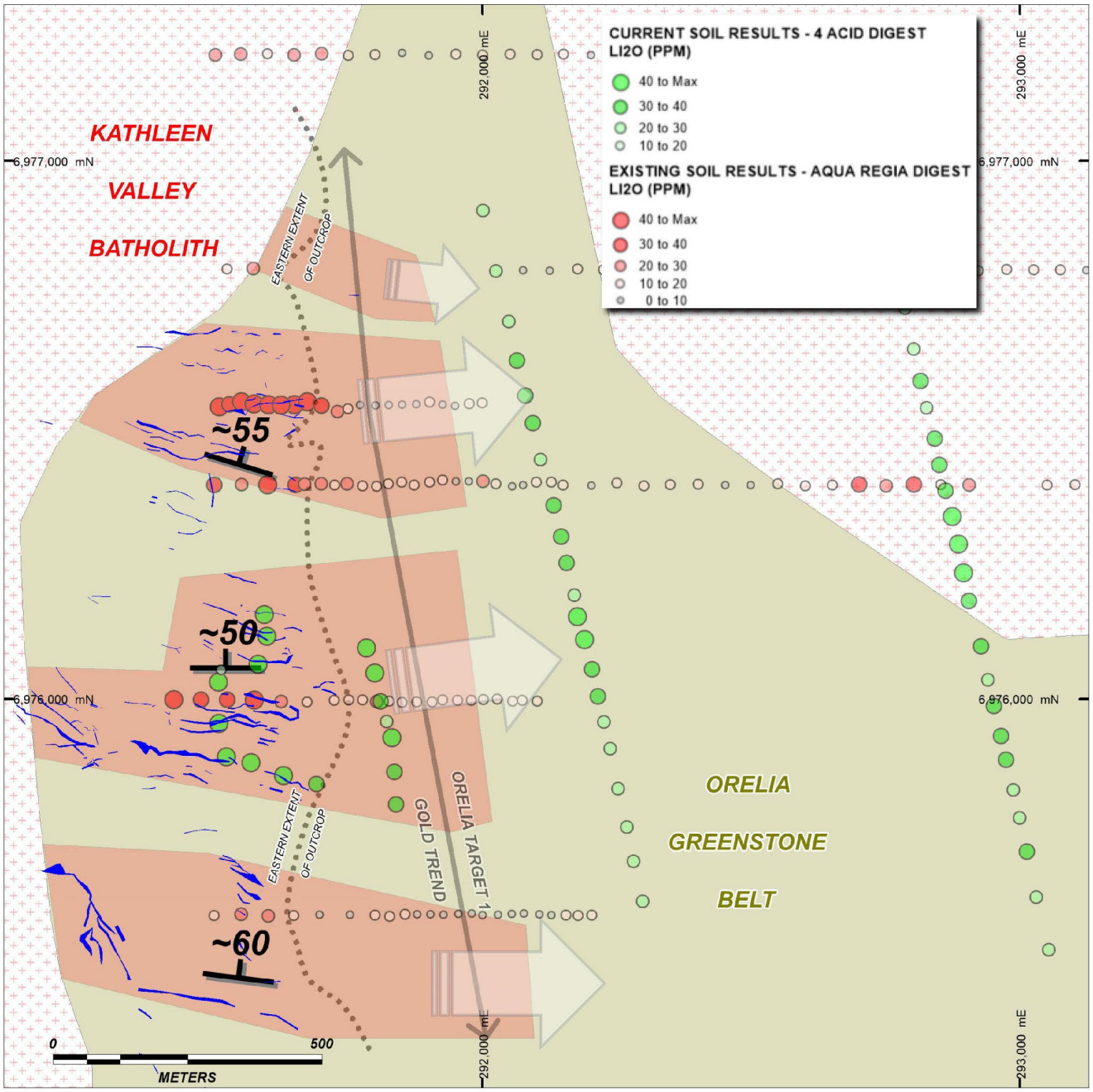

Figure 4. *Orelia North Pegmatite field showing zones of mapped pegmatites, surface soil samples (old and current) and possible target zones (red zones) showing zonation vectors (arrows). Refer also to ASX announcements 13 October 2022 and 6 December 2022.*

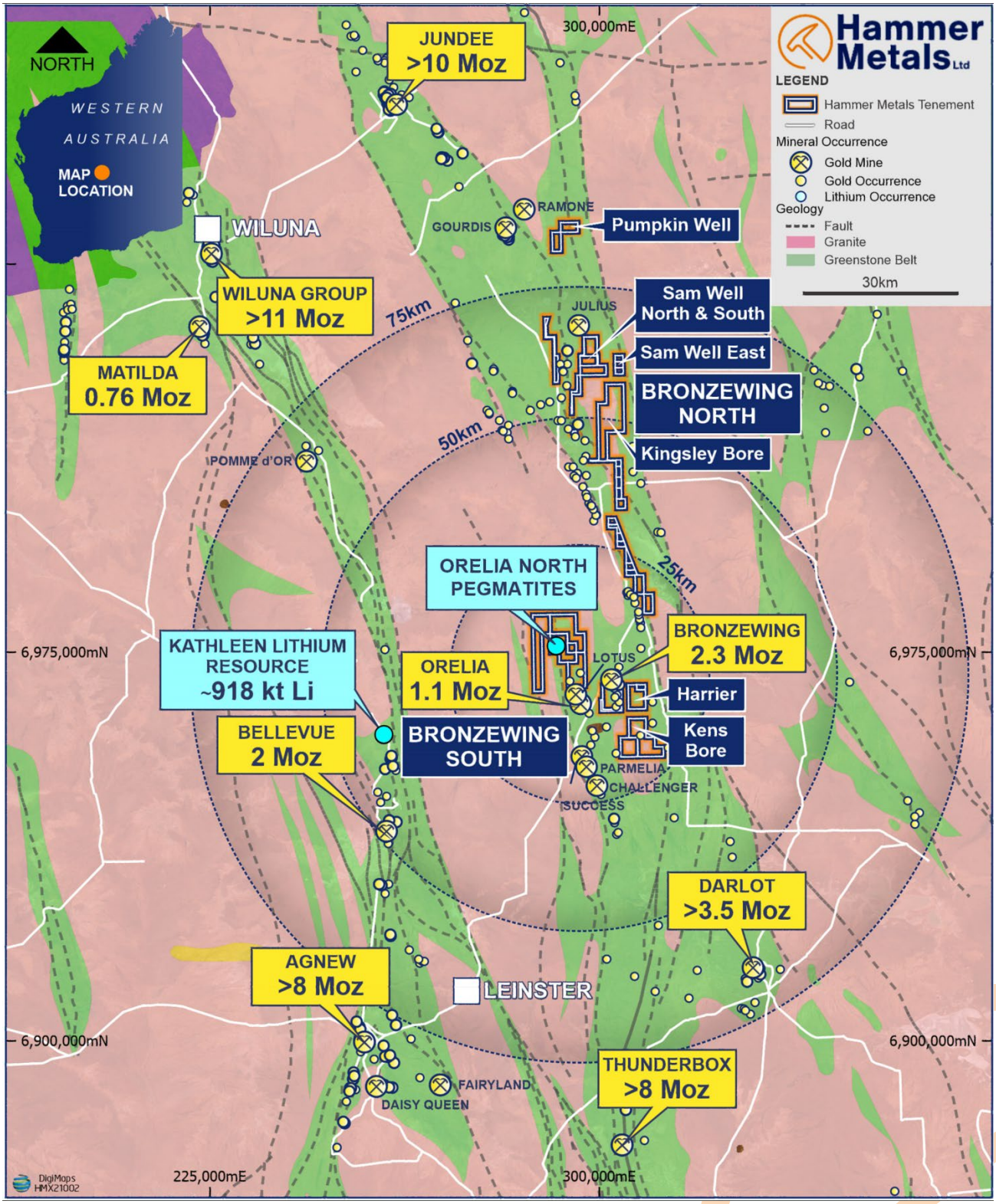

Figure 5. *Overview of the greater Bronzewing Project.*

Expected Newsflow

- **November** – **Drilling Assays** – Tourist Zone, Pommern, Bulonga, Kalman North, South Hope, Mascotte and Mascotte West.
- **November/December**– Mount Isa East Joint Venture Drilling Program.
- **Q1 2024** – Mount Isa Drilling Program – Hardway, South Hope and Mascotte.
- **Q1 2024 –** Yandal Lithium Project – reverse circulation drilling program.

This announcement has been authorised for issue by the Board of Hammer Metals Limited in accordance with ASX Listing Rule 15.5.

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About Hammer Metals

Hammer Metals Limited (ASX: HMX) holds a strategic tenement position covering approximately 2,600km^2 within the Mount Isa mining district, with 100% interests in the Kalman (Cu-Au-Mo-Re) deposit, the Overlander North and Overlander South (Cu-Co) deposits and the Elaine (Cu-Au) deposit. Hammer also has a 51% interest in the Jubilee (Cu-Au) deposit. Hammer is an active mineral explorer, focused on discovering large copper-gold deposits of Ernest Henry style and has a range of prospective targets at various stages of testing.

Hammer holds a 100% interest in the Bronzewing South Gold Project located adjacent to the 2.3 million-ounce Bronzewing gold deposit in the highly endowed Yandal Belt of Western Australia

Competent Person Statements

The information in this report as it relates to exploration results and geology was compiled by Mr. Mark Whittle, who is a Fellow of the AusIMM and an employee of the Company. Mr. Whittle, who is a shareholder and option-holder, has sufficient experience which is relevant to the styles of mineralisation and types of deposit under consideration and to the activities which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr. Whittle consents to the inclusion in the report of the matters based on the information in the form and context in which it appears.

The information in this report that relates to previous exploration results was prepared and first disclosed under a pre-2012 edition of the JORC code. The data has been compiled and validated. It is the opinion of Hammer Metals that the exploration data is reliable. Nothing has come to the attention of Hammer Metals that causes it to question the accuracy or reliability of the historic exploration results. In the case of the pre-2012 JORC Code exploration results, they have not been updated to comply with 2012 JORC Code on the basis that the information has not materially changed since it was last reported.

JORC Table 1 report – Bronzewing Project Exploration Update

- This table is to accompany an ASX release updating the market with geological mapping and soil results conducted over portions of the Hammer Metals Bronzewing project.
- All ancillary information presented in the figures herein has previously been reported to the ASX. Note that drilling reported in this release has previously been reported to the ASX. However information pertaining to drilling is repeated below.
- Historic exploration data noted in this, and previous releases has been compiled and validated. It is the opinion of Hammer Metals that the exploration data are reliable.

Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections in this information release.)

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.*	**Drilling** Please refer to ASX announcements dated 4 August 2020, 13 October 2020, 23 December 2021 and 6 December 2022. Hole assay and select analytical data is tabulated in Appendix 1. What follows in Table 1 is a summary of previous releases. Drill chip samples were taken at dominantly four metre intervals, with a scoop from each drilled metre contributing to a composite sample. The resulting composite sample was between 1 and 2kg in weight. Where mineralisation was anticipated or encountered, the sample length was reduced to 1m with lab submission of the 1m samples. All samples submitted for assay underwent fine crush with 1kg riffled off for pulverising to 75 microns. Samples were submitted to SGS in Kalgoorlie for: Fire Assay with AAS finish for gold. All samples are being analysed via portable XRF (conducted under laboratory conditions). Bottom of hole samples were analysed via ICP MS after a four-acid digest for a large element suite. Reanalyses will be conducted as required to investigate gold assay repeatability.
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).*	**Drilling** Drill method consists of both air core and reverse circulation.
Drill sample recovery	*Method of recording and assessing core and chip sample recoveries and results assessed.*	**Drilling**

Criteria	JORC Code explanation	Commentary
	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.*	Sample recoveries were generally in excess of 80%. Recovery dropped in the shallow portion of holes and in zones of strong water inflow. In zones where recovery was compromised holes were terminated. No sample recovery bias has been noted
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.*	**Drilling** All drill chips were geologically logged by Hammer Metals Limited Geologists. Drill spoil piles were photographed for each hole. Each drillhole was qualitatively logged in its entirety for geology. Selected intervals from each drillhole were quantitatively logged on-site using an Olympus Vanta portable XRF instrument. The aim of these limited analysis was for rock type identification.
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.*	**Drilling** Samples consist of air core and RC drill chips. Samples from the hole were collected by scooping material from the sample return piles. Drill chip samples were taken at dominantly four metre intervals with samples being composited combining scooped material from each one metre sample return pile. Where evidence of mineralisation was encountered or anticipated, the sample length was reduced to 1m. Sample collection methodology and sample size is considered appropriate to the target-style and drill method, and appropriate laboratory analytical methods were employed. Standard reference samples and blanks were each inserted into the laboratory submissions at a rate of 1 per 25 samples. The average sample weight submitted to the lab was 1.05kg. This sample sizes submitted for analysis were appropriate for the style of mineralisation sought. The method of sample collection, use of compositing where appropriate and lab methods are appropriate for this style of mineralisation.

Criteria	JORC Code explanation	Commentary
		Rock Chip Sampling No new rock chip sampling is reported in this release. For details on rock chip sampling see HMX ASX announcement dated 6 December 2022. **Soil Sampling** Soil sampling is reported in this release. The soils were taken from 10cm below surface and consisted of the -1mm fraction. Samples were conveyed to Kalgoorlie by Hammer personnel and submitted to ALS Kalgoorlie for low level gold (Au ST43) and 4 acid multielement ICP MS (ME-ICP61). **Comment** As part of a first pass soil sampling program the methodology and analytical techniques employed are considered sufficient.
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.*	**Drilling** All samples were analysed for gold by flame AAS using a 50gm charge. All samples are also subject to XRF analysis at the laboratory. Select field portable XRF analysis was also conducted. Standard reference samples and blanks were inserted at 25 sample intervals. SGS also maintained a comprehensive QAQC regime, including check samples, duplicates, standard reference samples, blanks and calibration standards. Bottom of hole samples were also analysed by ICP MS after a four-acid digest. This resulted in quantitative determinations for a large suite of elements. **Soil Sampling** Samples were conveyed to Kalgoorlie by Hammer personnel and submitted to ALS Kalgoorlie for low level gold (Au ST43) and 4 acid multielement ICP MS (ME-ICP61). No standard reference or blanks were inserted into the soil sample sequence.
Verification of sampling and assaying	*The verification of significant intersections by either independent or alternative company personnel.* *The use of twinned holes.*	Assay files were received electronically from the laboratory and verified by two company personnel.

Criteria	JORC Code explanation	Commentary
	Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. *Discuss any 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.*	**Drilling** Datum used is GDA 94 Zone 51. RL information was either derived from collar survey or merged from gridded aeromagnetic data. **Soil Samples** GPS was used for location information with elevations derived from grid aeromagnetic data.
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.*	**Drilling** Assays were taken on 1 and 4m sample lengths. 1m length was preferred in areas of potential mineralisation. The average grade has been utilised where multiple repeat analyses have been conducted on a single sample. **Rock Chip Sampling** No rock chip sampling is reported in this release. For details on rock chip sampling see HMX ASX announcement dated 6 December 2022. Grab rock chip sampling is not appropriate to be able to comment on grade over larger areas. **Soil Sampling** 116 Soil samples were taken just off north trending baselines at a sample spacing of 50m. The baseline orientation was ideal to test responses from dominantly east trending pegmatite zones if present at depth.
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.*	**Drilling** Drill holes were oriented as close to perpendicular as possible to the orientation of the targets based on interpretation of previous exploration. Note however that the drilling reported herein was targeting north trending gold mineralisation whereas the pegmatite target zones are predominantly east trending. Therefore, the Au related drilling is only of geochemical value in the search for Li bearing pegmatites. **Rock Chip Sampling** No rock chips are reported herein. **Soil Sampling** 116 Soil samples were taken just-off north trending baselines at a sample spacing of

Criteria	JORC Code explanation	Commentary
		50m. The baseline orientation was ideal to test responses from dominantly east trending pegmatite zones if present at depth.
Sample security	*The measures taken to ensure sample security.*	**Soil Sampling** With lab analyses, pre-numbered bags are used, and samples were transported to ALS by company personnel. Samples are packed within sealed polywoven sacks.
Audits or reviews	*The results of any audits or reviews of sampling techniques and data.*	All assay data has been reviewed by two company personnel. No external audits have been conducted.

Section 2 Reporting of Exploration Results

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

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 Bronzewing Project consists of 37 granted tenements and 1 tenement application. The sampling reported herein was conducted on E36/869 and E36/916. All tenements are held by Carnegie Exploration Pty Ltd, a 100% owned subsidiary of Hammer Metals Limited.
Exploration done by other parties	*Acknowledgment and appraisal of exploration by other parties.*	No pegmatite specific sampling has been conducted over this region previously.
Geology	*Deposit type, geological setting and style of mineralisation.*	The Bronzewing South project is exploring for Bronzewing and/or Mt McClure analogues along strike from each mine. The project is located within the Yandal Greenstone Belt approximately 65km northeast of Leinster. The Yandal Belt is approximately 250km long by 50km wide and hosts the Jundee, Darlot, Thunderbox, Bronzewing and Mt McClure Group of gold deposits. In the Bronzewing area the greenstone succession is dominated by tholeiitic basalts and dolerite units with lesser ultramafic, felsic and sediment sequences. Gold mineralisation at the **Bronzewing** mine occurs in quartz veins (sub-parallel vein arrays) in complex pipe-like lodes that plunge steeply to the south within a 400m wide structural corridor. The north-south corridor is roughly coincident with an antiformal structure and extends to the

Criteria	JORC Code explanation	Commentary
		south through E36/854. Bedrock does not outcrop within E36/854 and drilling indicates that surficial cover ranges between 2m and 40m in thickness. **Orelia North** The Orelia North target is located approximately 11km NNW from the Northern Star Orelia Gold Deposit. The prospect is dominated by Mafic rocks from the Orelia Greenstone belt which host gold mineralisation at the Hammer Metals Orelia Target 1 Prospect. Bordering the greenstone sequence is the Kathleen Valley Batholith striking perpendicular to the batholith-greenstone contact are the Orelia North Pegmatite dykes.
Drill hole Information	*A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:* *easting and northing of the drill hole collar* *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* *dip and azimuth of the hole* *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.*	**Drilling** See appendix 1 for a tabulation of drillhole locations utilised in the release. Drillholes tabulated are those which have been subject to bottom of hole re-analyses. **Rock Chip Sampling** No rock chip sampling is reported in this release.
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.*	**Drilling** Lithium analyses from downhole re-assays (previously reported) are shown thematically as scaled dots. **Soil Sampling** Lithium responses are shown thematically as scaled dots.
Relationship between mineralisation widths and intercept lengths	*These relationships are particularly important in the reporting of Exploration Results.*	**Drilling** The drilling reported herein was targeting north trending gold mineralisation whereas the pegmatite target discussed above is dominantly east trending.

Criteria	JORC Code explanation	Commentary
	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').*	Therefore, the Au related drilling is only of geochemical value in the search for Li bearing pegmatites.
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.*	See attached figures.
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 avoiding misleading reporting of Exploration Results.*	**Drilling** Within the Orelia target area, all drillholes with bottom of hole reanalyses have been tabulated in Appendix 1.
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 relevant information is disclosed in the attached release and/or is set out in this JORC Table 1.
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.*	Hammer Metals will review the results of the mapping to determine whether drilling is warranted to test pegmatites at depth and beneath the regolith to the east.

APPENDIX 1 – DOWNHOLE MULTIELEMENT ANALYSES FROM ORELIA NORTH

Hole	Type	E_GDA94Z51	N_GDA94Z51	RL	Dip	Az	TD	Li2O (ppm)	Key Elements					
									Be (ppm)	Cs (ppm)	Na (%)	Nb (ppm)	Rb (ppm)	Ta (ppm)
BWSAC0001	AC	291816	6976987	547	-60	74	68	178	2.8	22.9	0.29	6.4	80	0.5
BWSAC0002	AC	291796	6976981	547	-60	74	84	222	2.7	18.3	0.75	6.1	102	0.5
BWSAC0003	AC	291778	6976977	547	-60	78	51	15	3.2	11.0	2.32	19.4	340	2.7
BWSAC0004	AC	291754	6976974	547	-60	79	33	110	12.6	2.3	2.66	5.8	52	0.7
BWSAC0005	AC	291740	6976970	547	-60	79	32	96	2.1	13.6	0.51	5.4	104	0.5
BWSAC0006	AC	291815	6976937	547	-60	80	57	101	2.8	9.4	0.65	24.0	351	3.3
BWSAC0007	AC	291801	6976933	547	-60	77	17	74	2.8	19.2	0.29	3.9	46	0.3
BWSAC0008	AC	291783	6976928	547	-60	77	30	173	2.2	37.9	0.32	4.6	112	0.4
BWSAC0009	AC	291761	6976925	547	-60	77	24	61	3.1	17.1	1.31	5.6	44	0.6
BWSAC0010	AC	291743	6976922	547	-60	77	28	99	1.3	14.6	0.56	4.3	33	0.3
BWSAC0011	AC	291835	6976892	547	-60	77	75	228	2.3	14.7	0.11	13.4	188	0.7
BWSAC0012	AC	291816	6976884	547	-60	77	39	47	0.7	7.9	0.12	3.7	101	0.4
BWSAC0013	AC	291796	6976880	547	-60	77	51	107	1.4	12.2	0.22	5.3	139	0.6
BWSAC0014	AC	291781	6976876	547	-60	77	27	112	3.3	21.0	1.62	5.0	82	0.7
BWSAC0015	AC	291760	6976870	547	-60	77	30	103	1.9	19.9	0.15	4.5	48	0.3
BWSAC0016	AC	291744	6976865	547	-60	77	33	94	1.6	18.1	0.17	4.6	89	0.3
BWSAC0017	AC	291882	6976589	540	-60	78	64	156	1.8	23.8	1.10	4.6	67	0.4
BWSAC0018	AC	291864	6976586	541	-60	77	72	265	5.3	22.0	0.77	4.9	172	0.4
BWSAC0019	AC	291846	6976580	541	-60	79	5	73	0.7	3.3	1.79	2.9	21	0.2
BWSAC0019A	RC	291849	6976583	541	-60	79	61	103	0.9	7.5	0.05	3.8	66	0.4
BWSAC0020A	RC	291827	6976578	541	-60	77	64	138	3.0	7.1	0.13	4.1	40	0.4
BWSAC0022	AC	291789	6976569	541	-60	78	10	122	1.9	11.0	0.40	3.9	53	0.2
BWSAC0023	AC	291772	6976566	541	-60	78	27	96	0.6	7.1	0.29	3.0	16	0.2
BWSAC0024	AC	291747	6976561	540	-60	78	18	98	1.1	16.7	0.42	3.5	34	0.2
BWSAC0025	AC	291730	6976556	540	-60	78	15	149	5.7	10.7	0.41	2.8	44	0.1
BWSAC0026	AC	291710	6976553	541	-60	78	30	205	1.0	17.7	0.81	1.4	92	0.1
BWSAC0027	AC	291691	6976549	541	-60	78	38	232	1.2	13.2	0.58	5.2	67	0.3
BWSAC0028	AC	291867	6976539	539	-60	78	72	565	7.8	77.5	0.55	15.7	266	3.2
BWSAC0029A	RC	291848	6976535	540	-60	80	61	109	3.0	10.9	0.13	6.5	212	1.7
BWSAC0030A	RC	291829	6976531	540	-60	75	64	95	0.9	7.9	0.27	4.8	68	0.5
BWSAC0031	AC	291810	6976527	540	-60	78	26	182	8.7	38.6	0.74	8.1	336	2.4
BWSAC0032	AC	291791	6976523	540	-60	77	55	385	6.9	31.9	5.18	54.6	470	38.5
BWSAC0033	AC	291770	6976518	540	-60	77	37	259	3.8	75.3	4.20	34.9	846	20.6
BWSAC0034	AC	291751	6976515	540	-60	77	36	215	3.8	13.2	0.80	4.1	82	0.9
BWSAC0035	AC	291733	6976510	540	-60	79	31	210	0.6	13.0	0.68	3.7	30	0.3
BWSAC0036	AC	291710	6976509	541	-60	79	22	70	0.5	6.2	0.50	3.2	19	0.2
BWSAC0037	AC	291886	6976497	539	-60	74	66	409	2.2	22.2	0.82	3.2	100	0.2
BWSAC0038	AC	291872	6976489	539	-60	73	62	149	2.1	14.6	0.82	7.2	142	1.1
BWSAC0039	RC	291851	6976482	539	-60	72	59	130	1.5	8.3	0.27	4.3	87	0.5
BWSAC0040	AC	291827	6976481	539	-60	73	61	235	2.9	25.4	2.66	7.7	56	1.3
BWSAC0041	AC	291811	6976473	540	-60	74	60	215	1.1	5.8	0.37	3.6	22	0.2
BWSAC0042	AC	291795	6976468	540	-60	74	50	241	1.6	16.8	0.15	4.3	38	0.3
BWSAC0043	AC	291775	6976465	540	-60	74	41	225	5.2	7.1	0.60	3.8	36	0.2
BWSAC0044	AC	291761	6976460	540	-60	74	29	104	1.3	9.9	0.34	4.3	18	0.3
BWSAC0045	AC	291742	6976453	541	-60	74	35	155	3.2	11.9	0.47	23.0	147	6.4
BWSAC0046	AC	291718	6976449	541	-60	74	26	124	4.7	14.3	1.56	6.5	120	0.7
BWSAC0047	AC	291796	6976830	546	-60	76	11	109	3.6	27.8	1.29	4.5	52	0.4
BWSAC0048	AC	291779	6976826	546	-60	77	15	107	3.3	24.1	0.55	5.2	43	0.3
BWSAC0049	AC	291759	6976825	547	-60	77	35	236	1.7	33.6	0.54	4.7	118	0.4
BWSAC0050	AC	291860	6976796	544	-60	77	48	226	2.5	42.7	0.76	21.8	230	3.3
BWSAC0051	AC	291842	6976788	545	-60	77	50	145	3.1	12.7	0.62	25.2	306	3.5
BWSAC0052	AC	291821	6976783	545	-60	77	8	78	5.7	13.3	1.15	4.1	103	1.3
BWSAC0053	AC	291803	6976778	545	-60	77	19	121	2.4	16.8	1.06	4.2	69	0.8
BWSAC0054	AC	291784	6976775	545	-60	76	36	302	2.2	8.3	1.70	3.6	65	0.2
BWSAC0055	AC	291765	6976771	545	-60	76	28	134	3.0	19.6	0.36	4.1	97	0.3
BWSAC0056	AC	291747	6976764	545	-60	75	35	275	2.4	15.5	0.68	5.3	105	0.3
BWSAC0057	AC	291728	6976763	545	-60	75	33	130	6.3	16.9	1.00	12.6	84	9.5
BWSAC0058	AC	291703	6976757	544	-60	75	11	126	3.2	12.2	0.67	1.2	45	0.1
BWSAC0059	AC	291685	6976752	545	-60	75	34	202	3.5	23.4	1.13	8.5	121	1.5
BWSAC0060	AC	291843	6976738	544	-60	77	61	219	3.2	12.5	1.77	11.0	175	2.1
BWSAC0061	AC	291822	6976733	543	-60	77	39	158	4.7	14.4	0.12	26.1	294	15.2
BWSAC0062	AC	291807	6976727	543	-60	76	55	272	2.9	13.2	0.10	4.7	99	0.4
BWSAC0063	AC	291785	6976725	544	-60	76	31	166	1.8	6.5	0.53	3.9	41	0.2
BWSAC0064	AC	291840	6976634	541	-60	76	57	113	2.9	9.4	0.09	22.5	210	4.9
BWSAC0065	AC	291826	6976631	541	-60	80	63	82	1.6	7.7	0.13	4.5	72	0.5
BWSAC0066	AC	291788	6976624	541	-60	79	30	115	0.9	6.2	0.48	3.3	11	0.2
BWSAC0067	AC	291767	6976620	541	-60	77	14	105	0.8	11.7	0.42	3.7	43	0.2
BWSAC0068	AC	291750	6976616	541	-60	74	29	242	0.9	5.9	1.68	3.7	24	0.2
BWSAC0069	AC	291706	6976604	540	-60	79	16	192	6.5	24.5	0.54	5.8	113	1.9

Hole	Type	E_GDA94Z51	N_GDA94Z51	RL			TD	Li2O (ppm)	Key Elements					
									Be (ppm)	Cs (ppm)	Na (%)	Nb (ppm)	Rb (ppm)	Ta (ppm)
BWSAC0070	AC	291833	6976427	539	-60	75	30	134	2.0	5.1	1.45	3.5	23	0.3
BWSAC0071	AC	291813	6976422	540	-60	75	40	200	1.2	12.9	0.34	3.4	35	0.2
BWSAC0072	AC	291797	6976415	540	-60	74	37	162	0.8	9.0	0.53	3.3	32	0.2
BWSAC0073	AC	291776	6976413	541	-60	74	49	439	1.0	13.4	0.68	4.0	48	0.3
BWSAC0074	AC	291754	6976411	541	-60	74	31	116	3.3	14.4	0.66	3.4	51	0.3
BWSAC0075	AC	291932	6976399	538	-60	75	45	188	6.5	13.7	3.09	16.5	140	1.6
BWSAC0076	AC	291917	6976395	539	-60	75	47	254	2.4	23.3	1.28	5.2	166	0.6
BWSAC0077	AC	291904	6976392	539	-60	75	57	174	2.1	16.3	0.26	6.7	211	0.8
BWSAC0078	AC	291875	6976385	539	-60	75	54	118	1.1	10.2	0.61	4.8	85	0.5
BWSAC0079	AC	291857	6976380	539	-60	75	22	191	1.5	5.0	1.10	3.8	30	0.3
BWSAC0080	AC	291837	6976376	539	-60	77	32	196	1.9	12.6	0.52	3.9	49	0.3
BWSAC0081	AC	291819	6976372	540	-60	80	15	139	0.7	14.8	0.67	3.8	28	0.3
BWSAC0082	AC	291798	6976368	540	-60	80	43	266	1.0	24.9	0.46	4.1	58	0.3
BWSAC0083	AC	291774	6976364	541	-60	80	45	177	1.9	12.7	0.47	3.9	51	0.3
BWSAC0084	AC	291756	6976362	541	-60	78	45	143	2.7	11.8	0.82	4.5	36	0.3
BWSAC0085	AC	291737	6976359	541	-60	78	34	199	2.5	18.2	0.81	4.3	44	0.3
BWSAC0086	AC	291895	6976287	540	-60	76	44	133	2.0	14.0	0.23	5.3	137	0.5
BWSAC0087	AC	291872	6976281	540	-60	76	18	125	1.7	13.0	1.17	4.0	29	0.3
BWSAC0088	AC	291856	6976278	540	-60	76	28	189	0.6	8.1	0.88	3.8	35	0.3
BWSAC0089	AC	291836	6976273	541	-60	77	35	352	2.7	30.6	0.22	2.9	200	0.3
BWSAC0090	AC	291816	6976268	541	-60	76	32	251	0.9	18.1	0.68	4.2	38	0.3
BWSAC0091	AC	291802	6976267	541	-60	76	17	126	0.8	18.6	1.33	4.3	32	0.3
BWSAC0092	AC	291778	6976260	542	-60	76	14	169	1.7	29.3	0.51	5.0	80	0.3
BWSAC0093	AC	291758	6976256	542	-60	77	34	524	2.0	24.0	0.31	5.1	78	0.4
BWSAC0094	AC	291857	6976230	541	-60	77	30	222	2.2	8.0	1.37	4.0	37	0.2
BWSAC0095	AC	291837	6976225	541	-60	77	29	592	6.0	17.0	1.07	5.0	176	0.5
BWSAC0096	AC	291817	6976220	541	-60	77	44	318	3.5	25.0	0.78	4.1	116	0.3
BWSAC0097	AC	291798	6976216	541	-60	75	32	121	35.2	19.2	3.63	36.8	356	31.8
BWSAC0098	AC	291779	6976213	541	-60	75	26	120	12.1	10.8	0.59	4.3	62	0.4
BWSAC0099	AC	291895	6976188	540	-60	78	53	174	3.4	20.7	0.48	18.6	316	3.7
BWSAC0100	AC	291879	6976184	540	-60	77	19	182	2.7	7.2	1.32	4.1	98	0.5
BWSAC0101	AC	291859	6976180	540	-60	77	33	181	0.8	7.0	0.91	3.3	36	0.2
BWSAC0102	AC	291839	6976174	540	-60	77	32	202	1.2	14.9	0.76	3.4	58	0.3
BWSAC0103	AC	291819	6976170	540	-60	76	11	288	5.7	26.8	0.68	1.6	82	0.1
BWSAC0104	AC	291799	6976164	540	-60	75	16	113	4.8	29.5	0.25	9.2	96	0.5
BWSAC0105	AC	291781	6976159	540	-60	74	34	300	1.1	10.4	0.24	3.8	64	0.3
BWSAC0106	AC	291941	6976089	537	-60	82	58	100	2.2	20.9	1.69	3.0	113	0.5
BWSAC0107	AC	291922	6976087	538	-60	79	60	182	4.4	19.2	0.27	25.9	299	10.7
BWSAC0108	AC	291900	6976083	538	-60	80	16	146	1.3	9.0	0.76	3.7	45	0.3
BWSAC0109	AC	291880	6976079	538	-60	78	30	198	12.3	6.7	0.84	6.4	33	2.7
BWSAC0110	AC	291852	6976072	538	-60	80	13	135	10.7	19.3	0.64	3.8	122	0.3
BWSAC0111	AC	291839	6976074	538	-60	80	15	116	7.8	8.1	0.40	1.1	20	0.1
BWSAC0112	AC	291821	6976067	538	-60	80	28	235	11.7	29.5	0.60	110.0	1560	51.0
BWSAC0113	AC	291803	6976063	539	-60	70	44	394	8.2	25.7	0.40	49.8	825	27.7
BWSAC0114	AC	291956	6976047	537	-60	77	58	296	2.0	24.6	0.82	8.7	104	1.2
BWSAC0115	AC	291938	6976043	537	-60	77	60	144	3.6	23.1	0.18	20.6	329	20.6
BWSAC0118	AC	291874	6976028	537	-60	77	49	474	3.6	23.4	0.48	7.2	248	1.1
BWSAC0119	AC	291976	6976018	536	-60	76	50	244	0.9	25.9	0.77	5.5	68	0.4
BWSAC0120	AC	291957	6976014	536	-60	75	56	87	1.3	18.9	1.37	2.6	69	0.2
BWSAC0121	AC	291936	6976010	536	-60	74	60	145	1.5	11.3	0.10	5.1	109	0.6
BWSAC0122	AC	291916	6976003	536	-60	74	38	103	11.8	37.4	0.13	1.6	76	0.1
BWSAC0123	AC	291897	6975999	536	-60	79	30	254	1.2	10.7	0.36	3.5	35	0.2
BWSAC0124	AC	291885	6975992	537	-60	80	38	255	5.4	26.6	2.47	38.8	675	11.8
BWSAC0125	AC	291861	6975988	538	-60	81	31	256	3.3	16.9	0.56	3.9	94	0.3
BWSAC0126	AC	291943	6975941	539	-60	78	51	154	3.1	33.2	0.09	11.4	170	1.8
BWSAC0127	AC	291919	6975934	539	-60	80	24	126	1.3	7.5	0.30	4.4	18	0.3
BWSAC0128	AC	293150	6975028	539	-60	77	47	98	1.1	6.6	1.34	4.7	134	0.4
BWSAC0129a	AC	293130	6975024	538	-60	75	47	103	2.2	9.2	1.57	7.9	141	0.7
BWSAC0130	AC	293114	6975020	538	-60	78	48	117	1.6	9.5	0.94	8.8	153	0.8
BWSAC0131	AC	293090	6975014	538	-60	79	13	45	0.7	1.4	1.21	1.9	13	0.2
BWSAC0132	AC	293071	6975012	537	-60	80	13	34	0.6	5.0	1.43	2.8	35	0.2
BWSAC0133	AC	293226	6975046	537	-60	76	22	73	0.5	5.2	2.12	1.3	26	0.1
BWSAC0134	AC	293208	6975042	537	-60	78	20	103	9.3	20.2	1.71	7.0	125	3.6
BWSAC0135	AC	293189	6975038	538	-60	78	43	125	0.3	3.4	1.75	1.1	51	0.1
BWSAC0136	AC	293169	6975033	538	-60	76	42	81	1.0	2.9	2.84	4.3	35	0.4
BWSAC0137	AC	293227	6974995	537	-60	74	23	35	2.1	11.1	1.75	2.2	56	0.2
BWSAC0138	AC	293207	6974991	537	-60	77	30	59	0.8	6.5	1.91	2.7	52	0.2

Hole	Type	E_GDA94Z51	N_GDA94Z51	RL			TD	Li2O (ppm)	Key Elements					
									Be (ppm)	Cs (ppm)	Na (%)	Nb (ppm)	Rb (ppm)	Ta (ppm)
BWSAC0139	AC	293189	6974987	537	-60	79	40	91	1.5	6.4	1.12	5.7	65	0.4
BWSAC0140	AC	293164	6974983	537	-60	78	61	185	2.6	2.9	2.71	5.4	109	0.5
BWSAC0141	AC	293227	6974946	536	-60	75	28	58	4.6	15.6	0.42	3.6	120	0.3
BWSAC0142	AC	293211	6974941	536	-60	75	41	197	1.5	15.2	1.80	5.3	89	0.5
BWSAC0143	AC	293192	6974936	537	-60	75	52	109	12.4	10.0	3.97	7.3	101	0.7
BWSAC0144	AC	293169	6974930	537	-60	75	45	90	2.6	7.9	1.78	4.7	64	0.3
BWSAC0145	AC	293398	6974475	533	-60	75	30	29	3.1	13.9	0.92	2.0	41	0.1
BWSAC0146	AC	293381	6974471	533	-60	74	44	64	1.1	10.3	1.76	3.1	42	0.3
BWSAC0147	AC	293362	6974466	533	-60	75	33	61	3.4	23.9	1.01	2.8	179	0.3
BWSAC0148	AC	293343	6974461	533	-60	75	40	99	1.8	11.3	1.48	3.6	82	0.3
BWSAC0149	AC	293321	6974454	533	-60	75	56	91	1.5	4.2	2.75	8.8	62	0.6
BWSAC0150	AC	293304	6974449	533	-60	76	64	106	4.8	19.1	1.05	7.5	154	2.6
BWSAC0151	AC	293283	6974443	533	-60	77	58	93	1.5	20.8	1.32	8.7	138	0.8
BWSAC0152	AC	293266	6974439	533	-60	79	19	49	2.3	5.9	1.78	2.7	43	0.2
BWSAC0153	AC	293245	6974435	532	-60	77	13	48	0.5	6.8	2.21	3.3	17	0.2
BWSAC0154	AC	293222	6974429	532	-60	77	15	67	1.5	18.7	1.27	1.2	75	0.1
BWSAC0155	AC	293421	6974374	534	-60	79	45	31	1.1	14.3	2.22	2.0	32	0.1
BWSAC0156	AC	293401	6974370	534	-60	76	35	37	0.6	5.3	1.62	3.4	18	0.2
BWSAC0157	AC	293381	6974365	534	-60	76	37	42	0.7	7.8	1.66	1.5	65	0.2
BWSAC0158	AC	293362	6974361	533	-60	77	37	96	2.3	15.1	2.39	7.3	93	0.6
BWSAC0159	AC	293343	6974356	533	-60	77	58	169	1.6	8.8	2.93	7.9	68	0.7
BWSAC0160	AC	293324	6974352	532	-60	72	77	73	1.7	9.5	0.88	8.4	118	0.8
BWSAC0161	AC	293303	6974349	532	-60	77	51	42	2.0	6.1	2.65	8.6	65	0.7
BWSAC0162	AC	293286	6974346	532	-60	81	14	33	3.6	10.0	3.42	4.8	33	0.3
BWSAC0163	AC	293467	6974180	531	-60	78	35	112	3.1	17.9	1.13	2.1	142	0.1
BWSAC0164	AC	293449	6974176	531	-60	78	25	39	20.5	9.4	3.95	4.9	58	0.5
BWSAC0165	AC	293428	6974172	531	-60	78	34	45	0.4	7.3	1.06	2.6	46	0.2
BWSAC0166	AC	293405	6974167	530	-60	78	36	51	1.2	16.0	2.08	3.0	78	0.2
BWSAC0167	AC	293394	6974266	532	-60	76	50	97	1.5	7.5	1.36	8.8	90	0.7
BWSAC0168	AC	293370	6974159	530	-60	75	58	54	1.8	5.9	1.36	9.1	108	0.8
BWSAC0169	AC	293347	6974153	530	-60	78	36	61	0.6	4.9	0.60	2.7	13	0.2
BWSAC0170	AC	293331	6974150	530	-60	79	22	125	1.7	2.1	0.82	1.5	13	0.1
BWSAC0241	AC	291979	6975947	538	-60	77	50	83	1.4	15.5	1.91	2.9	62	0.3
BWSAC0242	AC	291963	6975943	539	-60	80	63	72	1.2	9.3	0.53	3.7	68	0.4
BWSAC0243	AC	291903	6975930	538	-60	73	33	231	3.8	33.1	0.09	4.0	102	0.3
BWSAC0244	AC	291888	6975931	538	-60	70	42	119	4.6	22.1	0.04	5.0	175	0.5
BWSAC0245	AC	291745	6976662	542	-60	70	24	188	9.5	54.6	1.19	17.7	377	7.6
BWSAC0246	AC	291727	6976656	541	-60	71	24	213	1.0	13.0	0.42	3.6	36	0.3
BWSAC0247	AC	291708	6976650	541	-60	71	13	121	4.3	24.7	0.28	1.6	64	0.1
BWSAC0248	AC	291690	6976644	541	-60	71	48	219	0.9	17.6	0.87	4.0	46	0.3
BWSAC0249	AC	291684	6976495	542	-60	71	45	101	0.5	4.5	0.49	3.0	13	0.2
BWSAC0250	AC	291736	6976404	541	-60	71	49	149	0.6	20.9	1.09	3.4	28	0.2
BWSAC0251	AC	291695	6976601	540	-60	71	45	344	0.5	30.0	0.73	4.0	55	0.3
BWSAC0252	AC	291677	6976551	542	-60	77	25	149	1.3	8.7	1.14	3.9	63	0.4
BWSAC0253	AC	291679	6976547	542	-60	74	58	260	0.3	15.9	1.09	1.7	29	0.1
BWSAC0254	AC	291716	6976399	542	-60	74	60	235	0.4	13.7	0.72	1.5	27	0.1
BWSAC0255	AC	292686	6976037	539	-60	75	26	125	2.4	12.9	2.02	11.2	100	0.9
BWSAC0256	AC	292647	6976029	539	-60	74	18	276	2.6	17.3	1.23	5.4	142	0.2
BWSAC0257	AC	292625	6976022	540	-60	74	6	164	0.5	4.1	1.96	4.1	34	0.2
BWSAC0258	AC	292665	6976033	539	-60	72	26	281	2.6	22.8	0.38	8.1	241	0.5
BWSAC0259	AC	292606	6976018	540	-60	73	9	209	0.9	6.7	1.91	3.9	42	0.2
BWSAC0260	AC	292588	6976013	540	-60	75	2	53	0.4	2.2	1.69	2.6	14	0.2
BWSAC0261	AC	292567	6976008	540	-60	77	6	179	0.4	8.1	1.73	2.5	64	0.1
BWSAC0262	AC	292547	6976003	540	-60	77	23	114	0.6	3.8	1.88	3.5	25	0.2
BWSAC0263	AC	292528	6975999	540	-60	77	10	282	1.8	16.7	0.62	3.0	64	0.2
BWSAC0264	AC	292510	6975995	540	-60	79	9	203	1.1	25.9	0.97	2.7	111	0.2
BWSAC0265	AC	292488	6975990	540	-60	81	5	55	0.3	4.1	1.26	2.1	10	0.1
BWSAC0266	AC	292468	6975988	540	-60	82	16	111	1.3	15.5	1.52	4.0	98	1.1
BWSAC0267	AC	292451	6975986	540	-60	82	11	97	0.3	2.0	1.12	2.5	12	0.1
BWSAC0268	AC	292428	6975983	540	-60	80	2	102	2.5	1.9	0.96	3.1	14	0.2
BWSAC0269	AC	292410	6975979	540	-60	75	9	106	4.2	9.3	0.86	3.8	93	0.6
BWSAC0270	AC	292390	6975974	541	-60	74	26	83	3.1	7.2	2.35	3.7	46	0.2
BWSAC0271	AC	292375	6975969	541	-60	74	40	316	4.8	6.7	0.98	3.6	84	0.6
BWSAC0272	AC	292350	6975962	541	-60	71	46	120	6.4	26.0	1.66	17.0	247	2.2
BWSAC0273	AC	291983	6975905	540	-60	75	60	78	1.3	10.0	1.25	3.5	63	0.2
BWSAC0274	AC	291962	6975900	541	-60	75	73	80	0.9	11.2	0.36	6.5	91	0.6
BWSAC0275	AC	291943	6975895	541	-60	75	18	82	3.2	15.0	0.56	5.3	30	0.3

Hole	Type	E_GDA94Z51	N_GDA94Z51	RL			TD	Li2O (ppm)	Key Elements					
									Be (ppm)	Cs (ppm)	Na (%)	Nb (ppm)	Rb (ppm)	Ta (ppm)
BWSAC0276	AC	291918	6975890	540	-60	70	84	213	1.4	21.1	0.37	4.3	77	0.4
BWSAC0277	AC	291909	6975886	540	-60	74	56	149	1.2	7.1	0.98	3.9	17	0.3
BWSAC0278	AC	291887	6975879	539	-60	75	57	271	4.7	48.4	0.37	4.3	155	0.3
BWSAC0279	AC	291866	6975873	538	-60	75	41	337	1.7	21.9	0.34	3.8	93	0.2
BWSAC0280	AC	291845	6975868	539	-60	75	49	320	1.7	15.6	1.29	0.9	67	0.1
BWSAC0281A	AC	292005	6975803	543	-60	75	51	70	0.7	4.9	0.07	6.7	75	0.7
BWSAC0282B	AC	291984	6975797	543	-60	74	54	51	0.7	6.4	0.08	6.4	72	0.5
BWSAC0283	AC	291964	6975791	543	-60	75	75	69	1.2	5.9	0.04	5.1	50	0.6
BWSAC0284	AC	291947	6975788	543	-60	77	84	119	3.0	11.7	0.05	7.0	56	0.6
BWSAC0285	AC	291927	6975786	543	-60	75	60	143	1.3	12.9	0.63	3.5	34	0.3
BWSAC0286	AC	291909	6975779	542	-60	78	67	225	2.4	39.9	0.37	3.7	114	0.3
BWSAC0288	AC	291873	6975772	541	-70	78	48	180	4.1	10.6	0.42	1.7	58	0.2
BWSAC0289	AC	292051	6975552	545	-70	75	60	110	1.6	10.6	0.12	3.5	93	0.4
BWSAC0290	AC	292035	6975549	546	-60	79	60	118	2.4	11.0	0.08	2.8	70	0.2
BWSAC0291	AC	292015	6975544	547	-60	78	54	203	5.7	16.3	0.47	1.3	75	0.1
BWSAC0292	AC	291997	6975542	547	-60	76	69	116	2.3	4.4	0.19	1.3	70	0.1
BWSAC0293	AC	291974	6975534	546	-60	77	60	257	1.2	4.2	0.54	4.3	32	0.3
BWSAC0294	AC	291957	6975531	545	-60	78	44	126	4.9	12.0	0.57	1.4	58	0.1
BWSAC0295	AC	291937	6975527	544	-60	79	59	110	5.7	16.3	1.23	1.3	95	0.1
BWSAC0296	AC	291918	6975522	543	-60	77	63	54	1.3	5.5	0.21	2.3	115	0.4
BWSAC0297A	AC	291901	6975519	543	-60	79	73	145	2.1	5.7	1.64	5.2	113	0.5
BWSAC0298	AC	292321	6974991	535	-60	75	50	64	1.8	10.4	1.77	6.6	49	0.6
BWSAC0299	AC	292306	6974988	535	-60	77	60	152	4.1	21.9	1.59	4.9	84	0.4
BWSAC0300	AC	292285	6974982	536	-60	73	50	93	1.8	24.9	3.05	4.8	55	0.3
BWSAC0301	AC	292265	6974977	536	-60	75	49	153	1.4	22.7	0.80	5.1	75	0.4
BWSAC0302	AC	292245	6974971	537	-60	75	61	132	1.1	20.0	0.56	4.7	53	0.4
BWSAC0303	AC	292228	6974966	537	-60	74	70	64	1.7	6.7	3.07	4.9	31	0.3
BWSAC0304	AC	292212	6974962	538	-60	76	81	171	3.1	32.4	0.64	5.3	53	0.4
BWSAC0305	AC	293143	6974930	537	-60	75	18	53	1.0	4.4	1.20	2.3	38	0.2
BWSAC0306	AC	293125	6974927	537	-60	78	2	36	1.1	3.1	0.81	2.2	12	0.2
BWSAC0307	AC	293108	6974926	536	-60	84	5	48	2.0	9.5	1.34	2.8	52	0.3
BWSAC0308	AC	293087	6974922	536	-60	84	3	43	2.1	9.2	1.58	2.2	49	0.3
BWSAC0309	AC	293071	6974910	536	-60	83	5	55	0.6	11.7	1.62	2.7	39	0.2
BWSAC0310	AC	293046	6974912	536	-60	75	7	68	3.7	8.2	1.20	3.6	109	0.2
BWSAC0311	AC	293029	6974905	536	-60	75	3	60	0.8	3.7	1.61	3.1	32	0.2
BWSAC0312	AC	293012	6974901	536	-60	75	4	45	1.1	2.8	1.39	2.2	26	0.1
BWSAC0313	AC	292995	6974897	536	-60	73	4	36	2.7	5.1	1.61	2.2	29	0.1
BWSAC0314	AC	292972	6974891	537	-60	70	4	31	1.0	5.7	1.57	2.1	31	0.1
BWSAC0315	AC	292953	6974885	537	-60	69	4	47	2.6	4.9	1.24	2.1	17	0.1
BWSAC0316	AC	292932	6974878	537	-60	75	7	39	2.3	3.3	1.12	1.9	18	0.1
BWSAC0317	AC	292914	6974873	538	-60	73	14	50	1.5	6.8	0.96	1.9	37	0.1
BWSAC0318	AC	292894	6974867	537	-60	74	25	37	0.7	1.5	2.15	2.6	14	0.2
BWSAC0319	AC	292875	6974862	537	-60	77	38	70	2.8	9.6	2.61	2.8	53	0.2
BWSAC0320B	AC	292856	6974860	537	-60	75	41	54	2.0	3.1	2.43	2.5	39	0.2
BWSAC0321	AC	292837	6974856	537	-60	74	50	89	1.7	5.8	2.52	2.6	69	0.3
BWSAC0322	AC	292815	6974856	537	-60	80	45	96	2.5	21.1	1.64	6.5	73	0.6
BWSAC0323	AC	293200	6974424	532	-60	75	13	81	0.8	17.7	1.65	4.5	38	0.3
BWSAC0324	AC	293183	6974420	532	-60	76	11	82	0.7	5.1	0.68	1.7	13	0.1
BWSAC0325	AC	293163	6974415	532	-60	78	5	30	0.9	5.0	1.60	3.2	17	0.2
BWSAC0326	AC	293142	6974411	532	-60	72	5	132	0.8	5.5	0.96	1.7	34	0.1
BWSAC0327	AC	293126	6974406	532	-60	71	23	214	0.6	5.6	0.84	1.5	21	0.1
BWSAC0328	AC	293107	6974400	532	-60	76	5	78	1.0	10.9	1.47	2.3	50	0.2
BWSAC0329	AC	293087	6974396	532	-60	76	3	51	3.2	4.9	1.12	2.2	24	0.2
BWSAC0330	AC	293067	6974393	532	-60	78	3	63	2.9	7.0	1.13	2.2	25	0.1
BWSAC0331	AC	293050	6974386	532	-60	75	6	26	1.8	2.2	2.39	2.3	18	0.2
BWSAC0332	AC	293027	6974381	532	-60	77	27	99	4.3	7.8	0.98	1.8	77	0.1
BWSAC0333	AC	293009	6974377	532	-60	78	42	97	3.5	14.8	2.44	3.0	70	0.2
BWSAC0334	AC	292987	6974372	532	-60	77	52	202	1.8	17.5	1.27	1.0	38	0.1
BWSAC0335A	AC	292970	6974369	532	-70	75	44	45	1.6	23.6	2.80	4.8	83	0.3
BWSAC0337A	RC	293240	6974433	532	-60	260	20	136	0.4	6.2	1.88	2.5	10	0.2
BWSAC0338	AC	293177	6973755	527	-60	257	80	69	1.8	8.6	0.90	7.6	35	0.5
BWSAC0339	AC	293197	6973760	528	-70	258	44	121	0.8	2.3	0.83	1.6	13	0.1
BWSAC0340	AC	293216	6973763	529	-60	248	38	32	2.6	3.8	1.66	2.4	25	0.2
BWSAC0341	AC	293232	6973770	530	-60	254	30	50	2.5	2.6	1.52	2.4	16	0.2
BWSAC0342	AC	293257	6973775	529	-60	261	29	41	1.8	7.1	1.98	2.4	34	0.2
BWSAC0344	AC	293294	6973774	528	-60	259	3	47	2.0	7.1	0.32	2.0	22	0.2
BWSAC0345	AC	293314	6973785	527	-60	255	2	32	2.0	4.0	0.77	2.3	29	0.2

Hole	Type	E_GDA94Z51	N_GDA94Z51	RL			TD	Li2O (ppm)	Key Elements					
									Be (ppm)	Cs (ppm)	Na (%)	Nb (ppm)	Rb (ppm)	Ta (ppm)
BWSAC0346	AC	293455	6973205	528	-60	255	51	144	1.1	2.5	0.96	1.5	33	0.2
BWSAC0348	AC	293477	6973207	528	-60	257	60	26	0.4	0.8	1.36	1.7	7	0.2
BWSAC0349	AC	293517	6973217	528	-60	259	55	30	0.8	6.2	1.52	3.1	42	0.3
BWSAC0350	AC	293536	6973221	529	-60	257	36	24	0.7	3.8	2.01	1.9	11	0.1
BWSAC0352	AC	293606	6973239	528	-60	257	20	28	7.0	3.3	1.87	2.8	17	0.2
BWSAC0353	AC	293648	6973250	526	-60	256	49	32	1.0	19.3	1.02	6.3	68	0.6
BWSAC0354	AC	293687	6973259	525	-60	258	47	26	1.0	8.7	2.63	7.0	42	0.5
BWSAC0355	AC	293725	6973267	524	-60	262	42	26	9.1	15.5	2.01	4.6	75	0.4
BWSAC0356	AC	293767	6973276	524	-60	260	60	34	0.8	11.4	3.13	6.7	66	0.5
BWSAC0409	AC	291773	6976310	542	-60	77	40	37	1.4	6.9	0.21	3.8	22	0.4
BWSAC0416	AC	291885	6976130	539	-60	77	43	170	1.4	17.2	0.41	3.5	73	0.3
BWSAC0417	AC	291870	6976126	539	-60	77	40	215	1.9	13.5	0.33	3.9	110	0.3
BWSAC0421	AC	291798	6976111	540	-60	77	40	179	16.3	105.0	0.13	48.7	423	5.8
BWSAC0422	AC	291779	6976109	540	-60	77	47	125	8.2	58.2	1.46	37.7	628	16.5
BWSAC0425	AC	291857	6976024	537	-60	77	36	253	6.9	18.5	2.25	26.5	367	6.5
BWSAC0426	AC	291838	6976020	537	-60	77	40	319	7.5	38.6	2.05	26.4	481	6.9
BWSAC0427	AC	291822	6976016	538	-60	77	37	196	5.4	20.1	2.01	30.8	622	11.0
BWSAC0428	AC	291801	6976010	538	-60	77	39	116	9.9	10.6	0.04	12.0	132	2.2
BWSAC0430	AC	291844	6975977	538	-60	77	43	308	6.4	22.5	0.99	29.0	455	10.1
BWSAC0432	AC	291914	6975932	538	-60	77	33	276	6.7	20.7	0.04	6.9	81	0.6
BWSAC0434	AC	291864	6975920	538	-60	77	47	424	4.7	32.5	0.42	44.4	534	13.3
BWSAC0439	AC	291789	6975853	541	-60	77	75	104	3.5	10.3	0.11	17.8	310	5.0
BWSAC0440	AC	291772	6975847	541	-60	77	78	97	4.5	12.2	0.66	14.3	232	2.8
BWSAC0442	AC	291881	6975926	538	-60	77	39	139	6.4	15.9	1.95	48.1	513	13.9
BWSAC0448	AC	291967	6975640	549	-60	77	63	189	2.1	5.4	0.04	4.9	26	0.3
BWSAC0449	AC	291948	6975635	548	-60	77	64	88	5.1	14.8	0.09	4.9	82	0.3
BWSAC0454	AC	292072	6975557	545	-60	77	95	50	1.4	5.6	0.18	3.9	52	0.4
BWSAC0459	AC	292053	6975452	541	-60	77	101	86	2.4	7.9	0.10	3.4	109	0.5
BWSAC0460	AC	292035	6975448	541	-60	77	100	123	1.8	7.6	0.07	4.6	56	0.6
BWSAC0461	AC	292016	6975445	541	-60	77	47	155	4.4	16.2	0.06	6.0	117	0.5
BWSAC0462	AC	291998	6975442	540	-60	77	114	209	7.6	28.7	0.07	6.1	122	1.3
BWSAC0463	AC	291982	6975437	540	-60	77	77	155	5.2	8.2	0.03	8.0	153	1.3
BWSAC0489	AC	292185	6975074	538	-60	77	83	168	3.4	4.2	0.04	5.7	17	0.6
BWSAC0490	AC	292146	6975064	539	-60	77	57	159	2.0	5.7	0.08	6.1	16	0.5
BWSAC0496	AC	292198	6974958	538	-60	77	66	217	7.5	14.4	0.09	5.6	65	0.4
BWSAC0497	AC	292180	6974953	538	-60	77	77	168	19.1	38.3	0.09	13.1	220	3.4
BWSAC0498	AC	292158	6974948	537	-60	77	41	461	14.0	101.5	0.23	14.4	259	8.3
BWSAC0500	AC	292117	6974940	536	-60	77	46	189	4.7	40.1	0.98	6.7	77	0.4
BWSAC0552	AC	291829	6976691	543	-60	77	47	58	7.4	15.9	1.95	38.8	359	20.7
BWSAC0564	AC	291786	6976056	539	-60	77	44	124	3.3	16.3	1.89	20.1	542	5.2
BWSAC0565	AC	291783	6976008	538	-60	77	43	98	4.0	11.6	1.49	29.1	441	5.6
BWSAC0566	AC	291789	6975948	539	-60	77	54	108	2.4	16.0	0.67	32.4	525	9.1
BWSAC0567	AC	291962	6975433	540	-60	77	80	185	8.4	10.0	0.05	8.2	114	1.2
BWSAC0748	AC	293315	6976456	531	-60	77	54	56	3.8	10.3	2.41	10.1	286	1.5
BWSAC0749	AC	293284	6976444	531	-60	77	57	50	3.0	10.8	1.94	12.0	360	1.8
BWSAC0750	AC	293238	6976445	531	-60	77	63	146	2.1	18.7	0.10	13.0	435	2.6
BWSAC0751	AC	293203	6976430	533	-60	77	64	41	2.0	9.1	1.00	13.3	335	2.5
BWSAC0752	AC	293157	6976421	531	-60	77	57	39	2.4	12.0	1.71	13.3	321	2.2
BWSAC0753	AC	293121	6976409	531	-60	77	40	39	2.8	16.5	1.92	10.1	334	1.6
BWSAC0754	AC	293081	6976404	531	-60	77	39	47	3.6	18.1	1.98	11.3	320	2.2
BWSAC0755	AC	293043	6976398	531	-60	77	32	69	2.3	23.7	1.80	19.0	395	7.3
BWSAC0756	AC	293008	6976384	531	-60	77	16	71	3.1	13.6	2.70	14.8	328	3.1
BWSAC0757	AC	292958	6976372	532	-60	77	7	50	2.0	8.4	2.34	8.7	264	1.3
BWSAC0758	AC	292922	6976362	533	-60	77	7	52	1.6	19.9	1.08	11.8	362	2.0
BWSAC0759	AC	292880	6976353	534	-60	77	6	58	1.7	14.3	1.22	12.6	384	2.9
BWSAC0760	AC	292841	6976345	535	-60	77	6	472	5.4	74.5	2.39	22.3	667	11.9
BWSAC0761	AC	292798	6976334	535	-60	77	6	65	3.7	11.3	2.53	10.2	277	1.6
BWSAC0762	AC	292762	6976325	535	-60	77	4	90	3.0	8.3	2.47	10.1	292	1.6
BWSAC0763	AC	292718	6976313	537	-60	77	2	88	2.8	12.0	1.35	8.0	272	1.6
BWSAC0764	AC	292679	6976308	538	-60	77	2	39	3.2	11.0	2.14	7.4	286	1.5
BWSAC0765	AC	292638	6976297	538	-60	77	2	151	2.6	18.8	1.70	14.4	421	3.5
BWSAC0766	AC	292611	6976288	537	-60	77	11	200	3.6	7.5	1.17	2.1	161	0.3
BWSAC0767	AC	292567	6976477	535	-60	77	3	37	2.5	9.6	1.87	10.5	261	1.6
BWSAC0768	AC	292533	6976471	536	-60	77	4	41	2.7	12.1	2.35	14.2	356	3.2
BWSAC0769	AC	292489	6976463	535	-60	77	4	32	1.1	8.2	1.69	11.9	243	2.5
BWSAC0770	AC	292452	6976450	535	-60	77	16	105	4.0	10.0	3.02	21.0	366	4.5
BWSAC0771	AC	292409	6976446	535	-60	77	8	123	1.0	7.6	1.79	3.3	90	0.3

Hole	Type	E_GDA94Z51	N_GDA94Z51	RL			TD	Li2O (ppm)	Key Elements					
									Be (ppm)	Cs (ppm)	Na (%)	Nb (ppm)	Rb (ppm)	Ta (ppm)
BWSAC0772	AC	292369	6976437	535	-60	77	14	45	3.1	10.1	2.91	21.8	400	8.7
BWSAC0773	AC	292327	6976423	535	-60	77	9	103	4.4	13.5	2.34	21.6	363	3.7
BWSAC0774	AC	292308	6976418	535	-60	77	20	28	4.4	11.0	2.69	24.0	342	4.7
BWSAC0775	AC	292591	6976483	535	-60	77	2	34	2.9	4.3	0.69	9.3	109	4.1
BWSAC0776	AC	292555	6976476	535	-60	77	3	62	2.5	9.7	2.43	8.2	227	1.1
BWSAC0777	AC	292509	6976472	535	-60	77	6	26	2.2	8.7	0.83	10.1	348	1.8
BWSAC0778	AC	292473	6976457	533	-60	77	4	86	0.9	6.5	2.00	3.2	75	0.3
BWSAC0779	AC	292434	6976449	533	-60	77	9	69	0.8	2.9	1.95	3.5	61	0.3
BWSAC0780	AC	292385	6976447	538	-60	77	7	228	1.4	3.6	1.06	2.0	82	0.2
BWSAC0781	AC	292355	6976427	538	-60	77	2	67	0.6	2.6	1.38	3.1	41	0.3
BWSAC0782	AC	292982	6976376	538	-60	77	5	62	3.5	9.8	2.47	10.0	241	1.4
BWSAC0783	AC	292938	6976366	538	-60	77	5	58	2.9	16.5	1.86	11.9	350	1.8
BWSAC0784	AC	292899	6976357	538	-60	77	8	39	1.8	15.8	0.95	12.6	320	2.3
BWSAC0785	AC	292863	6976349	538	-60	77	5	24	2.4	13.5	1.53	11.7	343	6.1
BWSAC0786	AC	292822	6976340	538	-60	77	5	37	3.2	9.8	1.81	14.7	351	10.8
BWSAC0787	AC	292779	6976329	538	-60	77	12	75	3.8	11.7	2.27	9.3	311	1.9
BWSAC0788	AC	292739	6976320	538	-60	77	3	80	2.6	9.9	2.35	11.6	316	2.9
BWSAC0789	AC	292696	6976308	538	-60	77	2	41	2.2	14.5	1.91	12.7	397	3.1
BWSAC0790	AC	292660	6976302	538	-60	77	2	41	3.7	10.7	2.22	12.1	300	3.0
BWSAC0791	AC	292237	6976396	541	-60	77	12	73	4.0	7.4	2.41	7.1	103	0.4
BWSAC0792	AC	292210	6976399	541	-60	77	30	280	5.1	83.1	1.72	12.0	438	3.3
BWSAC0793	AC	292172	6976381	540	-60	77	38	207	1.2	11.0	2.78	5.1	58	0.5
BWSAC0794	AC	292137	6976375	539	-60	77	32	200	1.9	17.8	2.07	4.7	93	0.8
BWSRC019	RC	291760	6976514	540	-60	77	140	289	8.8	20.3	3.48	63.7	983	38.2
BWSRC025	RC	291889	6976031	537	-60	77	118	238	6.0	18.8	0.07	65.3	542	16.5
BWSRC026	RC	291892	6976005	537	-60	77	75	221	6.8	18.4	0.09	45.0	546	11.6
BWSRC027	RC	291892	6975930	538	-60	77	100	254	6.4	43.4	0.08	66.3	541	16.0
BWSRC034	RC	292150	6974951	537	-60	77	120	201	13.5	19.5	0.20	51.2	552	84.9