



savannah resources plc

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AIM: SAV

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RNS – 12 February 2018

PROJECT  
PORTFOLIO

## Savannah Resources Plc

### Grandao Continues to Grow with Further Broad Zones of Lithium Mineralisation Identified at the Mina do Barroso Lithium Project, Portugal

Savannah Resources plc (AIM: SAV and SWB: SAV) ('Savannah' or the 'Company'), the AIM quoted resource development company, is pleased to announce further results from the ongoing reverse circulation ('RC') drill programme at the Mina do Barroso Lithium Project ('Mina do Barroso' or the 'Project') in Portugal (**Figure 1**). The drill programme continues to return significant intersections of lithium mineralisation as Savannah aims to increase the current JORC – 2012 compliant Mineral Resource Estimate of 3.2 million tonnes at 1.0% Li<sub>2</sub>O containing 32,000t of Li<sub>2</sub>O, which was defined at the Reservatorio Deposit, one of three targets currently being evaluated.

#### HIGHLIGHTS:

- Total of 87 holes for 7,081m drilled to date as part of the ongoing RC drill programme across three primary targets
- Broad zones of lithium mineralisation intersected giving further confidence of significant resource potential of Mina do Barroso
- Drill programme is ongoing and has been extended as a result of the positive results received to date
- Grandao Deposit – New Mineral Resource Estimate on track for Q1 2018 to add to current Project resource
- Significant widths of lithium mineralisation identified. Key results include:
  - 59m at 1.13% Li<sub>2</sub>O from 5m, in 17GRARC31
  - 33m at 1.22% Li<sub>2</sub>O from 40m, in 17GRARC41
  - 31m at 1.07% Li<sub>2</sub>O from 40m, including 24 at 1.31% Li<sub>2</sub>O in 17GRARC25
  - 32m at 0.89% Li<sub>2</sub>O from 35m, including 17m at 1.29% Li<sub>2</sub>O in 17GRARC38
- Exploration efforts to be accelerated with a diamond drill rig to mobilise in second half of February, to test depth extensions of Grandao mineralisation and begin collecting samples for the next phase of metallurgical test work
- New high priority targets identified to the north east of Grandao: Romainho, Campo de Futebol and Peigro Negro will be drill tested

MINERAL  
SANDS  
MOZAMBIQUE  
(CONSORTIUM  
AGREEMENT WITH  
RIO TINTO)

COPPER/GOLD  
OMAN

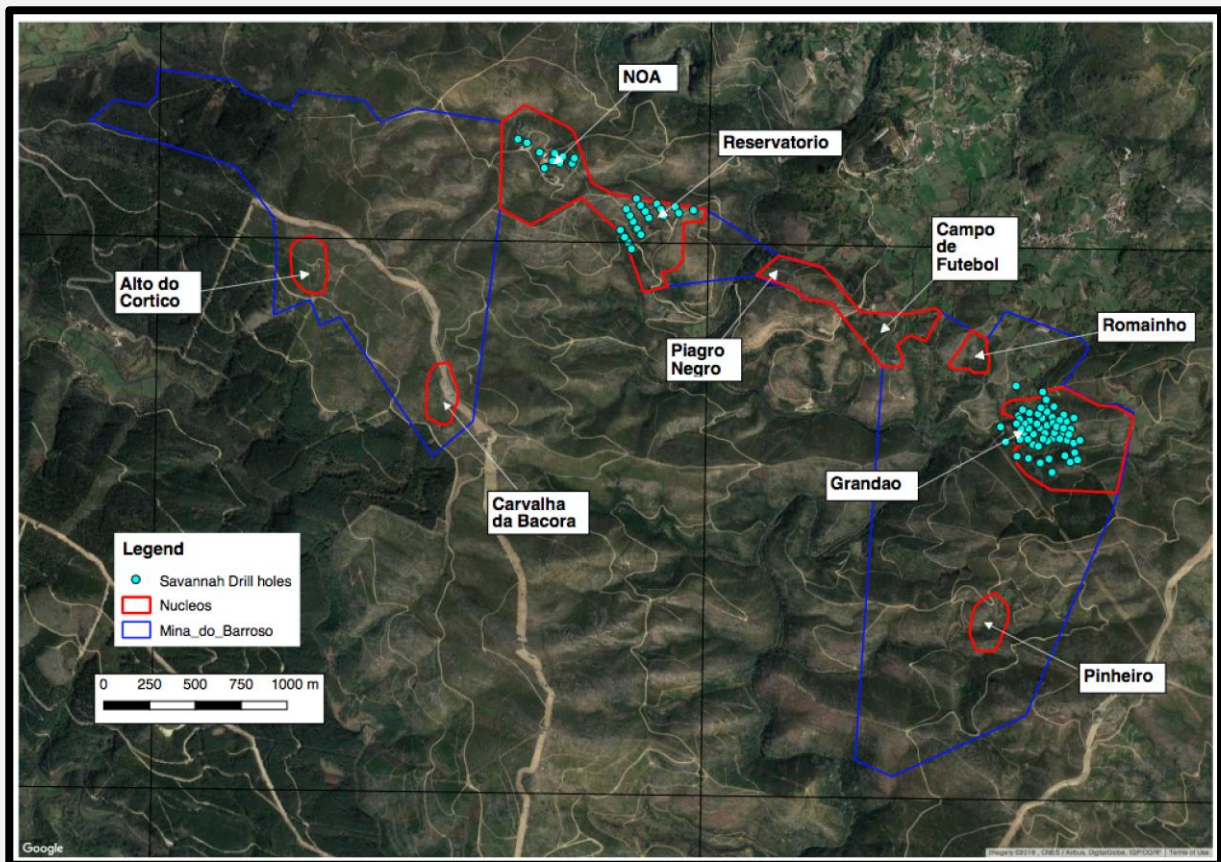
LITHIUM  
PORTUGAL

- **NOA Deposit** – drilling of a further six holes has confirmed the presence of lithium mineralisation over a 200m strike length together with good down dip extensions of at least 50m. Key results include:
  - **15m at 0.83% Li<sub>2</sub>O from 5m, including 9m at 1.27% Li<sub>2</sub>O in 17NOARC06**
  - **14m at 0.73% Li<sub>2</sub>O from 19m, including 7m at 1.26% Li<sub>2</sub>O in 17NOARC10**
- **Phase 2 of the metallurgical test work programme underway** – samples taken from Grandao, Reservatorio and NOA being tested with results expected in Q1 2018

**Savannah’s CEO, David Archer said:** “We are delighted to see the expanding geometry of Grandao with both near surface and deeper mineralisation. The Grandao Deposit is shaping up as a major additional component to the overall global Mineral Resource for the Mina do Barroso Lithium Project.

“The overall tempo of activities continues to accelerate as the Project’s potential becomes more apparent. We are working to an aggressive timetable to deliver on a series of major milestones over coming months, which we believe will highlight the Project’s potential to be a key, up-stream component of the European lithium valued added chain.”

**Figure 1.** Mina do Barroso Project Summary Map showing prospects and drilling completed to date



## Grandao

A total of 57 drill holes for 4,708m (17GRARC01-57) have been completed and results for drill holes 17GRARC24 to 42 have now been received and returned further very encouraging results (**Tables 1-2 and Figure 2**).

Drilling targeted at intersecting the near surface, shallowly west dipping pegmatite body has continued to meet with significant success. Drilling has further expanded the zone of lithium mineralisation, which now extends to over 400m in length, reaching up to 300m in width and with anomalous mineralisation recorded 185m below surface.

Significant drill results targeting the flat lying pegmatite body are summarised in **Table 1**.

**Table 1.** Summary of drill results for Grandao flat lying pegmatite using a 0.2% and 0.5% Li<sub>2</sub>O cut-off

Hole ID	0.2% Li <sub>2</sub> O Cut-Off			0.5% Li <sub>2</sub> O Cut-Off		
	From	Width	Li <sub>2</sub> O	From	Width	Li <sub>2</sub> O
17GRARC25	40	31	1.07	47	24	1.31
17GRARC26	32	17	1	54	1	0.9
17GRARC26	54	2	0.61			
17GRARC27	26	10	1.29	26	9	1.38
17GRARC27	41	15	0.67	41	15	0.67
17GRARC28	NSA					
17GRARC29	NSA					
17GRARC30	0	27	0.82	0	14	1.28
17GRARC32	0	24	0.67			
17GRARC32	61	2	0.74			
17GRARC33	NSA					
17GRARC34	30	1	1.1	30	1	1.1
17GRARC34	44	17	0.39	46	2	0.81
				56	2	1.03
17GRARC35	3	56	0.64	3	1	0.55
				9	16	1.27
				39	4	1.1
				48	3	1.07
17GRARC36	33	7	0.73	36	4	1.04
17GRARC37	34	16	1.11	58	10	1.32
17GRARC37	58	11	1.23			
17GRARC38	8	3	0.71	9	2	0.96
17GRARC38	21	9	1.1	21	9	1.1
17GRARC38	35	32	0.89	35	17	1.29
				55	2	0.81
				61	2	0.56
17GRARC39	11	17	0.76	13	9	0.93
17GRARC39	34	16	0.71	24	3	0.74
				36	8	1.1
17GRARC40	9	11	0.97	10	9	1.11
17GRARC40	28	15	1.04	28	14	1.08

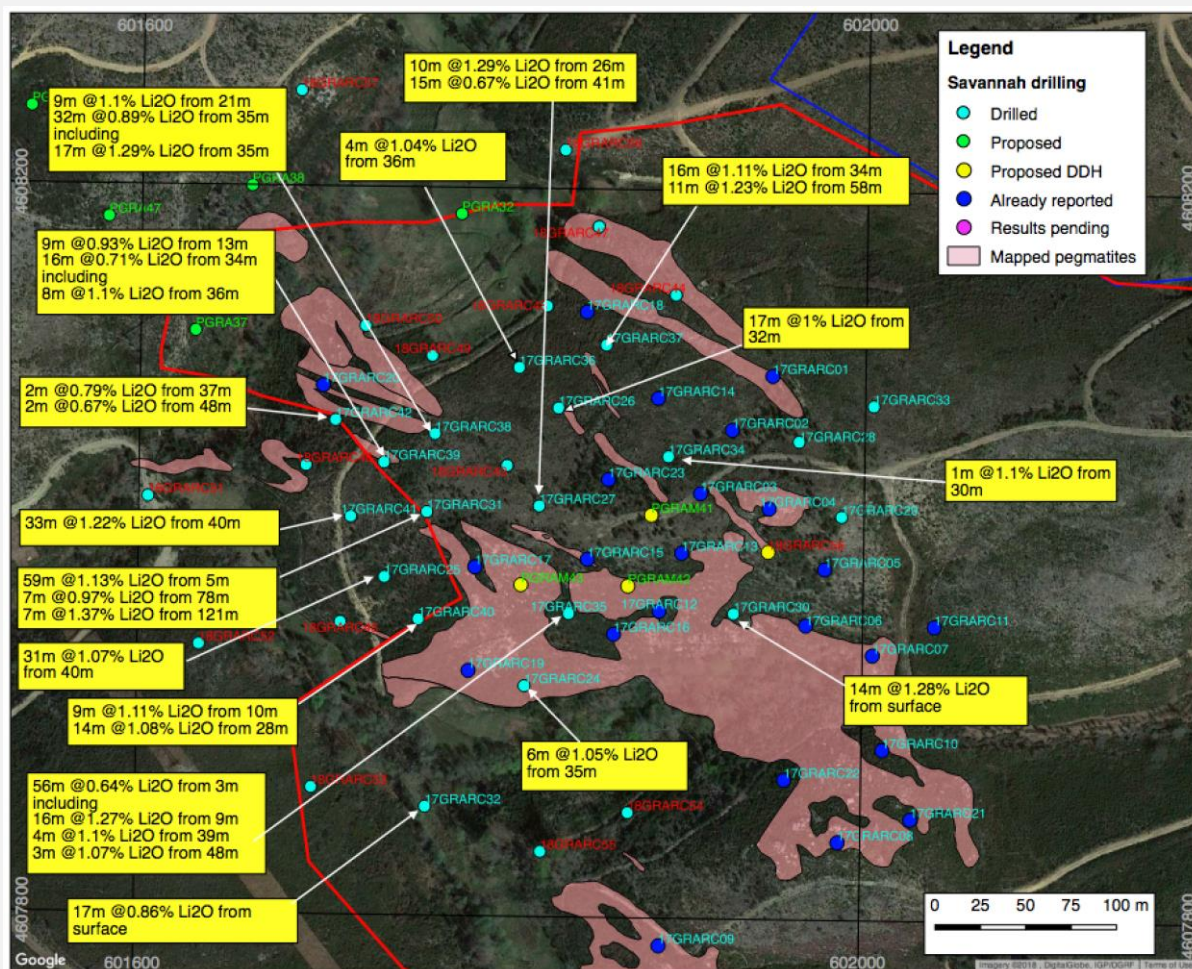
17GRARC41	40	33	1.22	40	33	1.22
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Further drilling of the newly identified sub-vertical body has met with further success with another 59m wide zone of lithium mineralisation identified and this body remains open both along strike and down dip and is a high priority target for further drilling. Recently received results are summarised in **Table 2**.

**Table 2.** Summary of drill results for Grandao new vertical pegmatites using a 0.2% and 0.5% Li<sub>2</sub>O cut-off

Hole ID	0.2% Li <sub>2</sub> O Cut-Off			0.5% Li <sub>2</sub> O Cut-Off		
	From	Width	Li <sub>2</sub> O	From	Width	Li <sub>2</sub> O
17GRARC24	30	12	0.67	31	1	0.68
				35	6	1.05
17GRARC31	5	59	1.13	5	59	1.13
17GRARC31	68	22	0.48	72	2	0.69
17GRARC31	102	4	1.01	78	7	0.97
17GRARC31	121	11	0.95	102	4	1.01
17GRARC31	138	2	0.85	121	7	1.37
				138	1	1.36
17GRARC42	3	1	0.29	37	2	0.79
17GRARC42	13	2	0.21	48	2	0.67
17GRARC42	36	4	0.56	110	1	0.7
17GRARC42	45	5	0.4			
17GRARC42	55	1	0.27			
17GRARC42	97	1	0.2			
17GRARC42	100	1	0.28			
17GRARC42	108	6	0.3			
17GRARC42	126	1	0.21			

**Figure 2.** Summary of drilling at Grandao showing significant assay results and holes with pending assays.



**NOA**

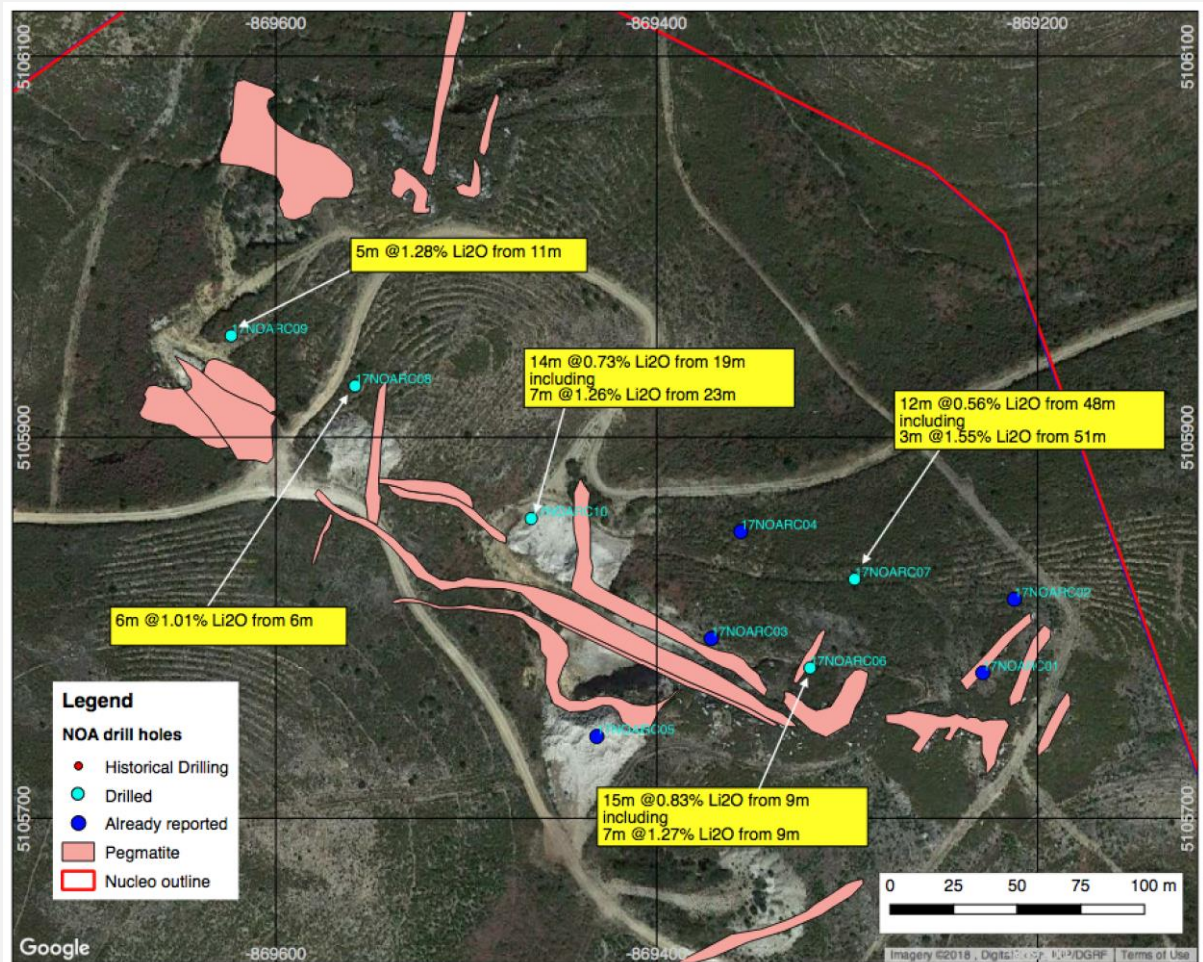
Drilling at the NOA deposit now totals 10 holes for 768m (17NOARC01-10) and results from 5 holes (17NOARC06-10) have been received. Results have been encouraging with 10m-15m wide zones of pegmatite being intersected over a strike length of 200m and a down dip depth of around 50m (Table 4 and Figure 3). Further work is now required to access the full potential of the deposit.

**Table 4.** Summary of drill results for NOA reported at a 0.2% and 0.5% Li<sub>2</sub>O cut-off

Hole ID	0.2% Li <sub>2</sub> O Cut-Off			0.5% Li <sub>2</sub> O Cut-Off		
	From	Width	Li <sub>2</sub> O%	From	Width	Li <sub>2</sub> O%
17NOARC06	9	15	0.83	9	7	1.27
				20	1	1.46
17NOARC07	31	3	0.18	51	3	1.55
17NOARC07	48	12	0.56			
17NOARC08	6	6	1.01	7	4	1.35
17NOARC08	51	6	0.25			
17NOARC09	10	7	1.04	11	5	1.28
17NOARC09	63	1	0.23			

17NOARC09	65	1	0.26			
17NOARC10	2	3	0.56	3	2	0.71
17NOARC10	19	14	0.73	23	7	1.26

**Figure 3.** Summary of recent drilling at NOA, showing drilling completed and significant assays received



### Ongoing Drill Programme

Based on the new results an additional 16 RC drill holes have been added to the programme at Grandao, Romainho, Campo de Futebol and Piero Negro in order to further evaluate the potential of the wider project area.

In addition, to accelerate exploration, a diamond drill rig will be mobilised to site for an initial 1,500m drill programme, which will include sample collection for the phase 3 metallurgical test work programme, stratigraphic/structural holes and the extension of six existing RC holes to depth to target the newly identified broad zone of lithium mineralisation identified at depth below Grandao.

### Metallurgical Test Work

The test work programme to determine the crush size and the density at which a 6% concentrate can be produced and mass yield, together with the three fundamental design parameters for

developing a gravity process flow sheet based on the dense medium (DMS) process, is ongoing. Work is expected to be completed in Q1 2018.

### **Competent Person and Regulatory Information**

The information in this announcement that relates to exploration results is based upon information compiled by Mr Dale Ferguson, Technical Director of Savannah Resources Limited. Mr Ferguson is a Member of the Australian Institute of Mining and Metallurgy (AusIMM) and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the December 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (JORC Code). Mr Ferguson consents to the inclusion in the report of the matters based upon the information in the form and context in which it appears.

This announcement contains inside information for the purposes of Article 7 of Regulation (EU) 596/2014.

**\*\*ENDS\*\***

#### **CONTACT US**

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### **About Savannah**

We are a diversified resources group (AIM: SAV) with a portfolio of energy metals projects - lithium in Portugal and copper in Oman - together with the world-class Mutamba Heavy Mineral Sands Project in Mozambique, which is being developed in a consortium with the global major Rio Tinto. We are committed to serving the interests of our shareholders and to delivering outcomes that will improve the lives of our staff and the communities we work with.

**APPENDIX 1 – JORC 2012 Table 1**

**Section 1 Sampling Techniques and Data**

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

Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul style="list-style-type: none"> <li>• <i>Nature and quality of sampling (e.g. 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.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Reverse circulation (HQ size) samples were taken on either 1 intervals for pegmatite or 4m composites in surrounding schist. RC samples were collected in large plastic bags from an on-board rig splitter and a 4-6kg representative sample taken for analysis.</li> </ul>
	<ul style="list-style-type: none"> <li>• <i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Drilling was conducted on a nominal 80m by 40m spacing based on geological targets using RC drilling technology, an industry standard drilling technique. Drilling rods are 3m long and 1 sample is taken for each rod interval.</li> <li>• Collar surveys are carried using hand held GPS with an accuracy to within 5m, and the z direction was determined by satellite derived elevation data and is accurate to less than a metre.</li> <li>• A downhole survey for each hole was completed</li> </ul>
	<ul style="list-style-type: none"> <li>• <i>Aspects of the determination of mineralisation that are Material to the Public Report.</i></li> <li>• <i>In cases where ‘industry standard’ work has been done this would be relatively simple (e.g. ‘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 (e.g. submarine nodules) may warrant disclosure of detailed information.</i></li> </ul>	<ul style="list-style-type: none"> <li>• The lithium mineralization is predominantly in the form of Spodumene-bearing pegmatites, the pegmatites are unzoned and vary in thickness from 15m-39m.</li> <li>• Down hole sampling is carried out on either a 1 or 4m interval from which 4-6kg of pulverized material (RC) was pulverized to produce a 50g charge for assaying</li> </ul>



Criteria	JORC Code explanation	Commentary
Drilling techniques	<ul style="list-style-type: none"> <li>• <i>Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g. 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).</i></li> </ul>	<ul style="list-style-type: none"> <li>• RC drilling at a diameter of 120mm is a form of reverse circulation drilling requiring annular drill rods. Compressed air is pumped down the outer tube and the sample is collected from the open face drilling bit and blown up the inner tube.</li> </ul>
Drill sample recovery	<ul style="list-style-type: none"> <li>• <i>Method of recording and assessing core and chip sample recoveries and results assessed.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Field assessment of sample volume. A theoretical dried sample mass was estimated to be within the range of 18 kg to 24 Kg, 70% of samples are within the expected range. Lower than average sample recovery is recorded only for the very top of the drill hole due to air and sample losses into the surrounding soil</li> </ul>
	<ul style="list-style-type: none"> <li>• <i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i></li> </ul>	<ul style="list-style-type: none"> <li>• RC drilling sample weights were monitored to ensure samples were maximized. Samples were carefully loaded into a splitter and split in the same manner ensuring that the sample split to be sent to the assay laboratories were in the range of 4-6kg.</li> </ul>
	<ul style="list-style-type: none"> <li>• <i>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.</i></li> </ul>	<ul style="list-style-type: none"> <li>• No obvious relationships</li> </ul>
Logging	<ul style="list-style-type: none"> <li>• <i>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.</i></li> <li>• <i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</i></li> <li>• <i>The total length and percentage of the relevant intersections logged.</i></li> </ul>	<ul style="list-style-type: none"> <li>• RC holes were logged in the field at the time of sampling.</li> <li>• Each 1m sample interval was carefully homogenized and assessed for lithology, colour, grainsize, structure and mineralization.</li> <li>• A representative chip sample produced from RC drilling was washed and taken for each 1m sample and stored in a chip tray which was photographed</li> </ul>
Sub-sampling techniques and sample preparation	<ul style="list-style-type: none"> <li>• <i>If core, whether cut or sawn and whether quarter, half or all core taken.</i></li> <li>• <i>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i></li> </ul>	<ul style="list-style-type: none"> <li>• RC samples were split by the rotary splitter on the drill rig and sampled dry</li> </ul>

Criteria	JORC Code explanation	Commentary
	<ul style="list-style-type: none"> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> </ul>	<ul style="list-style-type: none"> <li>The sampling was conducted using industry standard techniques and were considered appropriate</li> </ul>
	<ul style="list-style-type: none"> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> </ul>	<ul style="list-style-type: none"> <li>The 4m composites were collected using a spear with the spear inserted into the bag at a high angle and pushed across the sample to maximise representivity of the sample</li> </ul>
	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Every effort was made to ensure that the samples were representative and not bias in anyway</li> </ul>
	<ul style="list-style-type: none"> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>	<ul style="list-style-type: none"> <li>All samples were taken once they went through the on-board splitter from the drill rig. Depending on the rock types on average a 4-6kg sample was sent to the lab for analysis and the remaining material averaged 18-24kg and remains stored on site for any further analysis required</li> </ul>
Quality of assay data and laboratory tests	<ul style="list-style-type: none"> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> </ul>	<ul style="list-style-type: none"> <li>Samples were received, sorted, labelled and dried</li> <li>Samples were crushed to 70% less than 2mm, riffle split off 250g, pulverize split to better than 85% passing 75 microns and 5g was split of for assaying</li> <li>The samples were analysed using ALS laboratories ME-MS89L Super Trace method which combines a sodium peroxide fusion with ICP-MS instrumentation utilizing collision/reaction cell technologies to provide the lowest detection limits available.</li> <li>A prepared sample (0.2g) is added to sodium peroxide flux, mixed well and then fused in at 670°C. The resulting melt is cooled and then dissolved in 30% hydrochloric acid. This solution is then analysed by Inductively Coupled Plasma – Mass Spectrometry and the results are corrected for spectral inter-element interferences.</li> <li>The final solution is then analysed by ICP-MS, with results corrected for spectral inter-element interferences.</li> </ul>

Criteria	JORC Code explanation	Commentary
	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Not used</li> </ul>
	<ul style="list-style-type: none"> <li>Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.</li> </ul>	<ul style="list-style-type: none"> <li>Standards/blanks and duplicates we inserted on a 1:20 ratio for both to samples taken</li> <li>Duplicate sample regime is used to monitor sampling methodology and homogeneity.</li> <li>A powder chip tray for the entire hole is completed for both RC and RAB. A sub-sample is sieved from the large RC bags at site into chip trays over the pegmatite interval to assist in geological logging. These are photographed and kept on the central database</li> <li>Routine QA/QC controls for the method ME-MS89L include Blanks, certified reference standards of Lithium and duplicate samples. Samples are assayed within runs or batches up to 40 samples. At the fusion stage that quality control samples are included together with the samples so all samples follow the same procedure until the end. Fused and diluted samples are prepared for ICP-MS analysis. ICP instrument is calibrated through appropriate certified standards solutions and interference corrections to achieve strict calibration fitting parameters. Each 40 samples run is assayed with 2 blanks, 2 certified standards and one duplicate samples and results are evaluated accordingly.</li> <li>A QA/QC review of all information indicated that all assays were inside reasonable tolerance levels.</li> </ul>
Verification of sampling and assaying	<ul style="list-style-type: none"> <li>The verification of significant intersections by either independent or alternative company personnel.</li> </ul>	<ul style="list-style-type: none"> <li>All information was internally audited by company personnel</li> </ul>
	<ul style="list-style-type: none"> <li>The use of twinned holes.</li> </ul>	<ul style="list-style-type: none"> <li>Several historical holes we twinned for comparison purposes with the modern drilling</li> </ul>
	<ul style="list-style-type: none"> <li>Documentation of primary data, data entry procedures,</li> </ul>	<ul style="list-style-type: none"> <li>Savannah's experienced project geologists supervise all processes.</li> </ul>

Criteria	JORC Code explanation	Commentary
	<i>data verification, data storage (physical and electronic) protocols.</i>	<ul style="list-style-type: none"> <li>All field data is entered into a custom log sheet and then into excel spreadsheets (supported by look-up tables) at site and subsequently validated as it is imported into the centralized Access database.</li> <li>Hard copies of logs, survey and sampling data are stored in the local office and electronic data is stored on the main server.</li> </ul>
	<ul style="list-style-type: none"> <li><i>Discuss any adjustment to assay data.</i></li> </ul>	<ul style="list-style-type: none"> <li>Results were reported as Li(ppm) and were converted to a percentage by dividing by 10,000 and then to Li<sub>2</sub>O% by multiplying by 2.153</li> </ul>
Location of data points	<ul style="list-style-type: none"> <li><i>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.</i></li> <li><i>Specification of the grid system used.</i></li> <li><i>Quality and adequacy of topographic control.</i></li> </ul>	<ul style="list-style-type: none"> <li>The coordinate of each drill hole was taken at the time of collecting using a handheld GPS with an accuracy of 5m.</li> <li>The grid system used is WSG84</li> <li>Topographic accuracy was +/- 5m</li> </ul>
Data spacing and distribution	<ul style="list-style-type: none"> <li><i>Data spacing for reporting of Exploration Results.</i></li> <li><i>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.</i></li> <li><i>Whether sample compositing has been applied.</i></li> </ul>	<ul style="list-style-type: none"> <li>Drilling was on a nominal 80m by 40m spacing and based on geological targets</li> <li>Drill data is not currently at sufficient spacing to define a mineral resource.</li> <li>Some samples were composited on a 4m basis based on geological criteria, these areas were all outside the pegmatite bodies where 1m sampling was completed</li> </ul>
Orientation of data in relation to geological structure	<ul style="list-style-type: none"> <li><i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i></li> <li><i>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.</i></li> </ul>	<ul style="list-style-type: none"> <li>Drilling was orientated perpendicular to the known strike of the pegmatites</li> <li>Drill holes were orientated at either -60 degrees or -90 degrees depending on the dip of the pegmatite in an attempt to get drill holes as close to true width as possible</li> </ul>
Sample security	<ul style="list-style-type: none"> <li><i>The measures taken to ensure sample security.</i></li> </ul>	<ul style="list-style-type: none"> <li>Samples were delivered to a courier and chain of custody is managed by Savannah.</li> </ul>

Criteria	JORC Code explanation	Commentary
Audits or reviews	<ul style="list-style-type: none"> <li><i>The results of any audits or reviews of sampling techniques and data.</i></li> </ul>	<ul style="list-style-type: none"> <li>Internal company auditing</li> </ul>

## 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	<ul style="list-style-type: none"> <li><i>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.</i></li> <li><i>The security of the tenure held at the time of reporting along with any known impediments to obtaining a license to operate in the area.</i></li> </ul>	<ul style="list-style-type: none"> <li>All work was completed inside the 75% owned Mina do Barroso project C-100</li> </ul>																					
Exploration done by other parties	<ul style="list-style-type: none"> <li><i>Acknowledgment and appraisal of exploration by other parties.</i></li> </ul>	<ul style="list-style-type: none"> <li>N/A</li> </ul>																					
Geology	<ul style="list-style-type: none"> <li><i>Deposit type, geological setting and style of mineralisation.</i></li> </ul>	<ul style="list-style-type: none"> <li>The lithium mineralization is predominantly in the form of Spodumene-bearing pegmatites which are hosted in meta-pelitic and mica schists, and occasionally carbonate schists of upper Ordovician to lower Devonian age. The pegmatites are unzoned and vary in thickness from 15m-109m. Lithium is present in most aplite compositions.</li> </ul>																					
Drill hole Information	<ul style="list-style-type: none"> <li><i>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:</i> <ul style="list-style-type: none"> <li><i>easting and northing of the drill hole collar</i></li> <li><i>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</i></li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Grid used WGS84</li> <li>No material data has been excluded from the release</li> </ul> <table border="1"> <thead> <tr> <th>Hole ID Actual</th> <th>WGS84_East</th> <th>WGS84_North</th> <th>Elevation</th> <th>Depth (m)</th> <th>Azimuth</th> <th>Dip</th> </tr> </thead> <tbody> <tr> <td>17GRARC24</td> <td>601814</td> <td>4607926</td> <td>540</td> <td>72</td> <td>322</td> <td>-50</td> </tr> <tr> <td>17NOARC06</td> <td>599186</td> <td>4609429</td> <td>692</td> <td>57</td> <td>203</td> <td>-60</td> </tr> </tbody> </table>	Hole ID Actual	WGS84_East	WGS84_North	Elevation	Depth (m)	Azimuth	Dip	17GRARC24	601814	4607926	540	72	322	-50	17NOARC06	599186	4609429	692	57	203	-60
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Criteria	JORC Code explanation	Commentary						
<ul style="list-style-type: none"> <li>○ <i>dip and azimuth of the hole</i></li> <li>○ <i>down hole length and interception depth</i></li> <li>○ <i>hole length.</i></li> <li>● <i>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.</i></li> </ul>		17NOARC07	599203	4609464	682	78	207	-60
		17NOARC08	599006	4609537	690	90	207	-60
		17NOARC09	598957	4609556	688	90	206	-60
		17NOARC10	599076	4609486	684	69	207	-60
		17GRARC25	601736	4607985	536	90	0	-90
		17GRARC26	601831	4608079	558	72	0	-90
		17GRARC27	601821	4608025	568	81	0	-90
		17GRARC28	601964	4608062	582	50	0	-90
		17GRARC29	601988	4608021	588	60	0	-90
		17GRARC30	601929	4607967	576	45	0	-90
		17GRARC31	601759	4608021	552	159	142	-60
		17GRARC32	601760	4607859	525	80	0	-90
		17GRARC33	602005	4608082	592	60	0	-90
		17GRARC34	601892	4608053	582	84	0	-90
		17GRARC35	601838	4607966	566	75	0	-90
		17GRARC36	601812	4608101	549	78	0	-90
		17GRARC37	601857	4608114	553	90	0	-90
		17GRARC38	601763	4608064	543	87	0	-90
		17GRARC39	601735	4608048	538	69	0	-90
		17GRARC40	601755	4607962	535	84	0	-90
		17GRARC41	601717	4608018	534	100	0	-90
17GRARC42	601708	4608071	527	149	12	-60		

Criteria	JORC Code explanation	Commentary
Data aggregation methods	<ul style="list-style-type: none"> <li>• <i>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.</i></li> <li>• <i>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.</i></li> <li>• <i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Low Grade Intercepts are weighted averages using a 0.2% Li<sub>2</sub>O cut off with no more than 3m of internal dilution</li> <li>• High Grade Intercepts are weighted averages using a 0.5% Li<sub>2</sub>O cut off with no more than 2m of internal dilution</li> <li>• Narrow zones of schist (less than 5m) have been included in the significant intercepts where they are mineralised</li> </ul>
Relationship between mineralisation widths and intercept lengths	<ul style="list-style-type: none"> <li>• <i>These relationships are particularly important in the reporting of Exploration Results.</i></li> <li>• <i>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</i></li> <li>• <i>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').</i></li> </ul>	<ul style="list-style-type: none"> <li>• Exploration results are reported as down hole intercepts</li> <li>• No metal equivalent values have been used.</li> <li>• The drill holes are detailed in the table in the main release and the pegmatite at Reservatorio appears to dip at around 40degrees to the north west and at Grandao it is sub horizontal</li> </ul>
Diagrams	<ul style="list-style-type: none"> <li>• <i>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.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Relevant diagrams and maps have been included in the main body of the release.</li> </ul>
Balanced reporting	<ul style="list-style-type: none"> <li>• <i>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.</i></li> </ul>	<ul style="list-style-type: none"> <li>• All relevant results available have been reported.</li> </ul>
Other substantive exploration data	<ul style="list-style-type: none"> <li>• <i>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</i></li> </ul>	<ul style="list-style-type: none"> <li>• The interpretation of the results is consistent with the observations and information obtained from the data collected.</li> </ul>

Criteria	JORC Code explanation	Commentary
	<p><i>density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</i></p>	
Further work	<ul style="list-style-type: none"> <li>• <i>The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).</i></li> <li>• <i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i></li> </ul>	<ul style="list-style-type: none"> <li>• Further rock chip sampling, channel sampling and RC drilling. Once planning has been completed the detail will be provided</li> </ul>