PILBARA MINERALS LIMITED

ACN 112-425-788

**ASX ANNOUNCEMENT** **1st February, 2016**

# PILGANGOORA RESOURCE HITS 80.2MT AS 54% UPGRADE CEMENTS ITS STATUS AS A MAJOR NEW GLOBAL LITHIUM PROJECT

***GLOBAL RESOURCE NOW CONTAINS OVER 1MT OF LITHIUM OXIDE AS INDICATED RESOURCE GROWS TO 469,000T, UNDERPINNING THE CURRENT FEASIBILITY STUDIES***

***HIGHLIGHTS:***

- **Pilbara's 100%-owned Pilgangoora Lithium-Tantalum Project in WA confirmed as one of the biggest new lithium ore (spodumene) deposits in the world** with a further major upgrade in the JORC 2012 Mineral Resource, including:

    - ***A 54% increase in the total Indicated and Inferred Resource to 80.2Mt grading 1.26% $Li_2O$ (spodumene) containing 1,008,000 tonnes of lithium oxide*** with 42.3Mt grading 0.02% $Ta_2O_5$ (Tantalum) containing 18.3 million pounds of $Ta_2O_5$;

    - *Within the total Mineral Resource of 80.2Mt, and at a cut-off of **1% $Li_2O$**, the Inferred and Indicated Lithium Resource amounts to **59.3Mt @ 1.44% $Li_2O$ containing 855,000 tonnes of lithium oxide.***

- **The latest upgrade incorporates the results of successful in-fill drilling** completed from October to December 2015, the main objective of which was to upgrade the Indicated component of the resource to underpin the Pre-Feasibility Study, due in March 2016.

- **In-fill RC and Diamond drilling has successfully converted a further 369,000 tonnes of contained $Li_2O$ to the Indicated category, which now totals 469,000 tonnes of contained $Li_2O$.**

- **Pilbara has also increased its overall Exploration Target[1] for Pilgangoora to 100 - 110Mt @ 1.2-1.5% $Li_2O$** and **175-225ppm $Ta_2O_5$. RC drilling is scheduled to resume in March 2016** with a focus on further extensions and improvement in the resource categories.

- **"This resource upgrade cements Pilgangoora's status as a significant new global lithium project, second only to the world-class Greenbushes spodumene deposit. Its scale, quality and grade – combined with its location, access to infrastructure and close proximity to key Asian markets has propelled it to the forefront of new lithium projects worldwide," – Pilbara Executive Director Neil Biddle**

Australian strategic metals company Pilbara Minerals Ltd (ASX: PLS) is pleased to announce a further significant increase in the Mineral Resource at its flagship 100%-owned **Pilgangoora Lithium-Tantalum Project** in WA's Pilbara region. The updated resource – which includes the results of highly successful in-fill drilling programs completed last quarter – will underpin the Pre-Feasibility Study (PFS) to be delivered in March 2016 and contribute to the concurrent Definitive Feasibility Study works underway. It also paves the way for further resource growth with the Company publishing an updated Exploration Target.

The updated Pilgangoora Mineral Resource adds a **54 per cent increase in contained lithium oxide** and a **16 per cent increase in contained tantalite**, based on all drilling information (including historical) including an additional 94 holes drilled between mid-September and December 2015.

The overall Pilgangoora Mineral Resource now comprises **1,008,000 tonnes of contained lithium oxide and 18.2 million pounds of contained tantalite.**

The next phase of resource extension and in-fill drilling at Pilgangoora will commence in March 2016. Extensional drilling will focus on the northern extension of the central zones, southern domains, Monster and the newly discovered western domain. **Drilling in these zones is expected to result in further significant increases in the overall resource inventory**.

The updated January 2016 resource model will be used as the basis for the Pre-Feasibility Study, with the significant conversion of Inferred material into the Indicated category expected to allow the definition of an Ore Reserve as part of the PFS and the associated financial model due for completion in March 2016. The upgraded resource will also provide the foundation for the Definitive Feasibility Study (DFS), which is due for completion by mid-2016. The DFS is being undertaken on the basis of developing a standalone operation at Pilgangoora with an annualised ore throughput rate of 2Mtpa, producing lithium concentrates targeting the glass and ceramics industry and the rapidly growing global lithium-ion battery market.

**2012 JORC Resource Estimation**

After several drilling campaigns from late 2014 and throughout 2015 Pilbara has clearly demonstrated that Pilgangoora is a **globally significant hard-rock lithium-tantalum deposit.**

The updated 2012 JORC compliant Mineral Resource for the Project incorporates all historical data, as well as all drilling data from Pilbara's 2014 and 2015 programs.

The estimation was carried out by independent resource consultancy, Trepanier Pty Ltd ("Trepanier"), resulting in the estimation of Inferred and Indicated Resources. The reporting of all domains (capturing material above 0.01% $Ta_2O_5$) results in an Indicated and Inferred Mineral Resource estimate (Table 1) totalling:

- **80.2 million tonnes @ 1.26% $Li_2O$ containing 1,008,000 tonnes of $Li_2O$**

Associated with the lithium resource, there is a corresponding tantalite resource of **42.3 million tonnes @ 0.020% $Ta_2O_5$** containing **18.2 million pounds of contained tantalite.**

**Table 1: Pilgangoora Project – Mineral Resource Estimate**

| Category | | Tonnage (million tonnes) | $Ta_2O_5$ (ppm) | $Li_2O$ (%) | $Ta_2O_5$ (tonnes) | $Ta_2O_5$ (Mlbs) | $Li_2O$ (T) |
|---|---|---|---|---|---|---|---|
| **Indicated** | $Ta_2O_5$ | 17.9 | 182 | | 3,255 | 7.2 | |
| | $Li_2O$ | 35.7 | | 1.31 | | | 469,400 |
| **Inferred** | $Ta_2O_5$ | 24.3 | 205 | | 4,995 | 11.0 | |
| | $Li_2O$ | 44.5 | | 1.21 | | | 538,600 |
| **TOTAL** | **$Ta_2O_5$** | **42.3** | **195** | | **8,250** | **18.2** | |
| | **$Li_2O$** | **80.2** | | **1.26** | | | **1,008,000** |

The envelope was wire-framed using both geological logging information (in particular logging of zoning within the pegmatite) and assay data for $Ta_2O_5$ and $Li_2O$. Note that there were insufficient samples analysed to allow $Li_2O$ mineralisation to be populated into one of the 35 domains.

Of the 35 domains, five are significantly lower grade in $Li_2O$ and are excluded from the $Li_2O$ resource and thirteen are significantly lower grade in $Ta_2O_5$ and are excluded from the $Ta_2O_5$ resource – hence the different tonnage reported above for the $Li_2O$ and $Ta_2O_5$ resource.

If a **lower lithium cut-off of >1%** is used in reporting, this results in a reduction in tonnage but provides a significantly higher grade resource (see Figure 1: Grade vs. tonnage curves for the total lithium resource):

- **59.3 million tonnes @ 1.44% $Li_2O$ containing 855,000 tonnes of lithium oxide.**

Details of the data used for the estimation, site inspection information and the quality control checks completed on the data are documented in Appendix 1 and 2 (Tables 1 to 3).

**Summary and Management Comment**

Pilbara Minerals' Executive Director, Neil Biddle, said the Pilgangoora Project was now firmly established as a globally significant hard rock lithium-tantalum resource with the potential to underpin a world-class, long-life mine producing high quality lithium concentrates for global markets.

"This latest resource upgrade has delivered another very significant increment to the overall size of the Pilgangoora resource but, most importantly, it has delivered a substantial increase in the higher confidence Indicated component of the resource," he said.

"This was always the main objective of the drilling, as the Indicated Resources will provide the foundation for our PFS due next month and the Feasibility Study due later in the year. However, the resource is a long way from being closed off, and we have multiple opportunities to drill out extensions which could deliver further significant increases in the overall size of the deposit.

"This has enabled us to increase our overall Exploration Target, and drilling will resume in March to test some of these extensions, while also closing up the drill spacing in certain areas to upgrade part of the resource to Measured Status for inclusion in the DFS.

"Pilgangoora clearly has the potential to transform Pilbara into a significant player in the global lithium market over the next few years, and we are all very focused on achieving our core objective of demonstrating the economic potential of the Pilgangoora resource and bringing the project into production as quickly as we can," he added.

**Updated 2016 Exploration Target**

The next phase of drilling planned for the Pilgangoora Project includes **120 drill holes for approximately 12,500m** and is scheduled to commence March 2016. A large component of this drilling program has been designed to further upgrade resource classifications to Indicated and Measured status as part of the ongoing Feasibility Study.

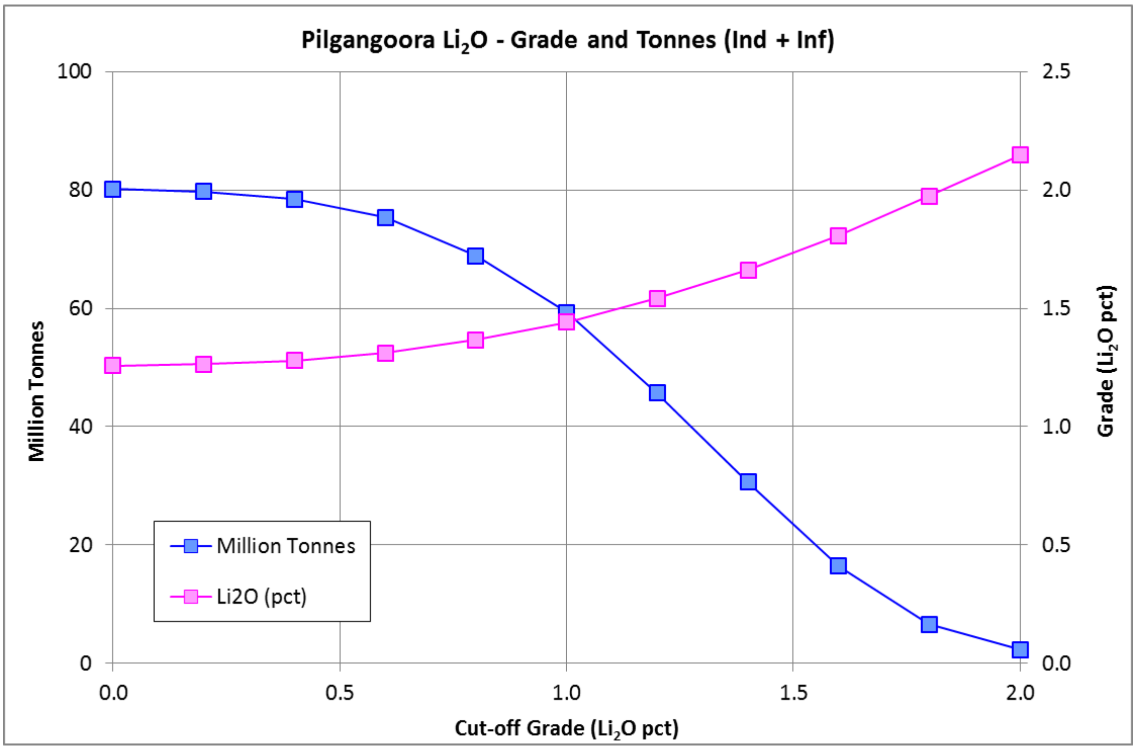


**Figure 1 – Grade vs. Tonnage curves for the total lithium resource.**

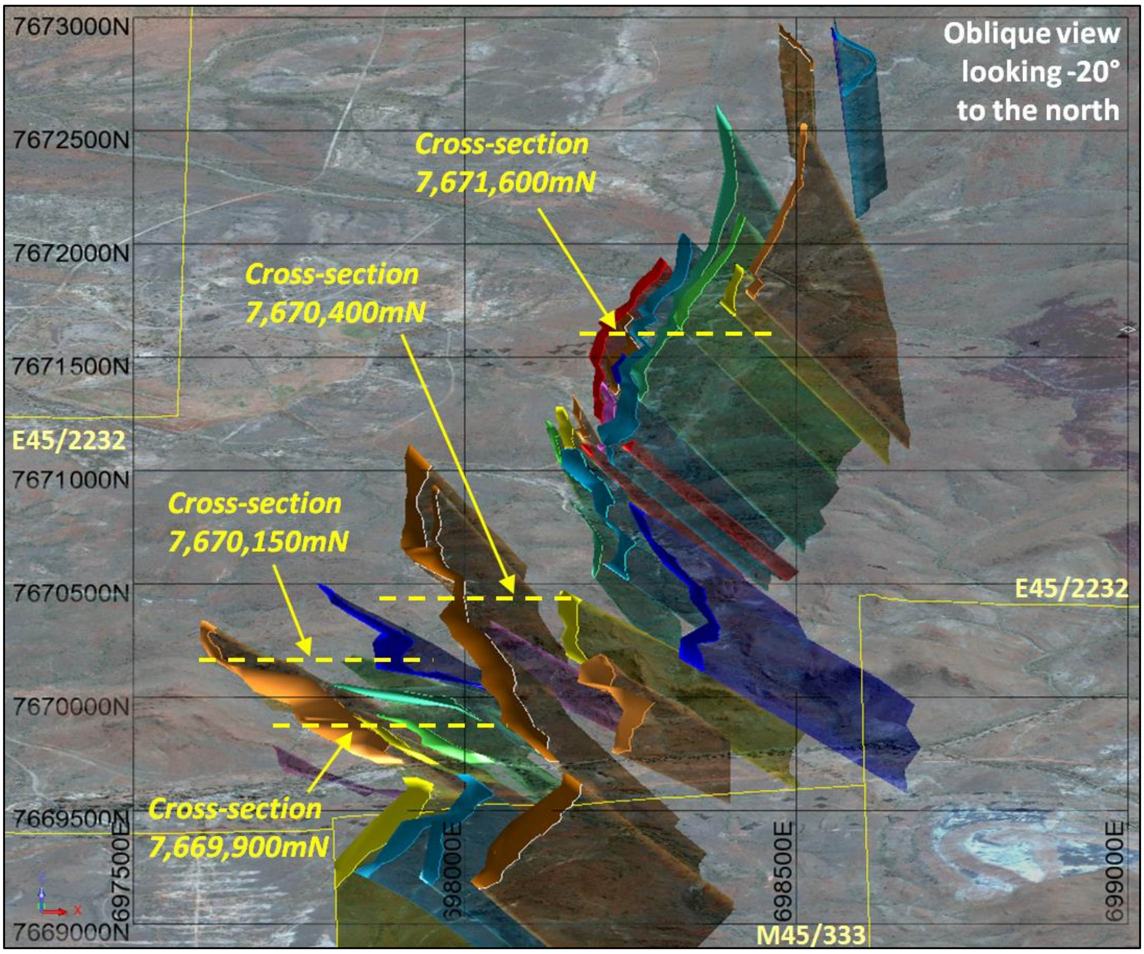


**Figure 2 – Snapshot of resource domains (see Figures 4 to 7 for cross-sections).**

Drilling will be carried out on nominal 25m centres over the central parts of the Eastern, Western and Central zones. In addition, the program will target the north-west extensions of the thick pegmatites at the Central prospect (Figure 3), as well as extensions of the mapped pegmatites at the Southern Prospect (7,667,500mN) to the Monster Prospect (7,674,200mN) in the north.

**The total strike length of the mapped pegmatites within the Pilgangoora Project is now over 6km**.

Due to the current estimation of the Mineral Resource being in excess of 80 million tonnes based on the RC and Diamond drilling completed to date, Pilbara has updated its **Exploration Target[1]** for the Pilgangoora Project to **100-110 million tonnes @ 1.2-1.5% $Li_2O$ and 175-225ppm $Ta_2O_5$** (Table 2)**.**

An Exploration Target is conceptual in nature and there has been insufficient exploration to estimate a Mineral Resource in compliance with the JORC Code and it is uncertain if further exploration will result in the estimation of a Mineral Resource as defined by the JORC Code.

**Table 2 – Pilgangoora Tantalum-Lithium Exploration Target[1] on E45/2232 and M45/333**

| Exploration Target[1] | Tonnes (Mt) | Grade $Li_2O$ % | Grade $Ta_2O_5$ ppm |
|---|---|---|---|
| Northern Area (inc Monster) | 35-40 | 1.2 - 1.5 | 200 - 250 |
| Central & Southern Area | **65-70** | 1.2 - 1.5 | 150 - 200 |
| **TOTAL** | **100-110** | **1.2 - 1.5** | **175 - 225** |

Exploration Target[1]: The potential quantities and grades are conceptual in nature and there has been insufficient exploration to date to define a Mineral Resource. It is not certain that further exploration will result in the determination of a Mineral Resource under the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves, the JORC Code" (JORC 2012). The Exploration Target is not being reported as part of any Mineral Resource or Ore Reserve.

**Table 3 – Comparison of Producers and Emerging Producers of Lithium in Australia**

| **Company -Deposit** | **Measured** | | **Indicated** | | **Inferred** | | **Total** | |
|---|---|---|---|---|---|---|---|---|
| | **Resources (Mt)** | **Grade % $Li_2O$** | **Resources (Mt)** | **Grade % $Li_2O$** | **Resources (Mt)** | **Grade % $Li_2O$** | **Resources (Mt)** | **Grade % $Li_2O$** |
| **Talison-Greenbushes(a)** | **0.6** | **3.20%** | **117.9** | **2.40%** | **2.1** | **2.00%** | **120.6** | **2.40%** |
| **Pilbara Minerals – Pilgangoora** | | | **34** | **1.31%** | **46.2** | **1.22%** | **80.2** | **1.26%** |
| **Altura – Pilgangoora(b)** | | | **19.80** | **1.21%** | **6.3** | **1.20** | **26.1** | **1.20%** |
| **Neometals Mt Marion (c)** | | | **10.05** | **1.45%** | **13.19** | **1.34%** | **23.24** | **1.39** |
| **General Mining – Mt Cattlin (d)** | **2.5** | **1.20** | **9.5** | **1.06** | **4.3** | **1.07** | **16.4** | **1.08** |

Sources

(a) Talison Lithium Limited N143-101 Report 21 December 2012
(b) Altura Mining ASX Release 14 September 2015
(c) Neo Metals ASX Release 21 September 2015
(d) General Mining Corporation ASX Release 4 August 2015

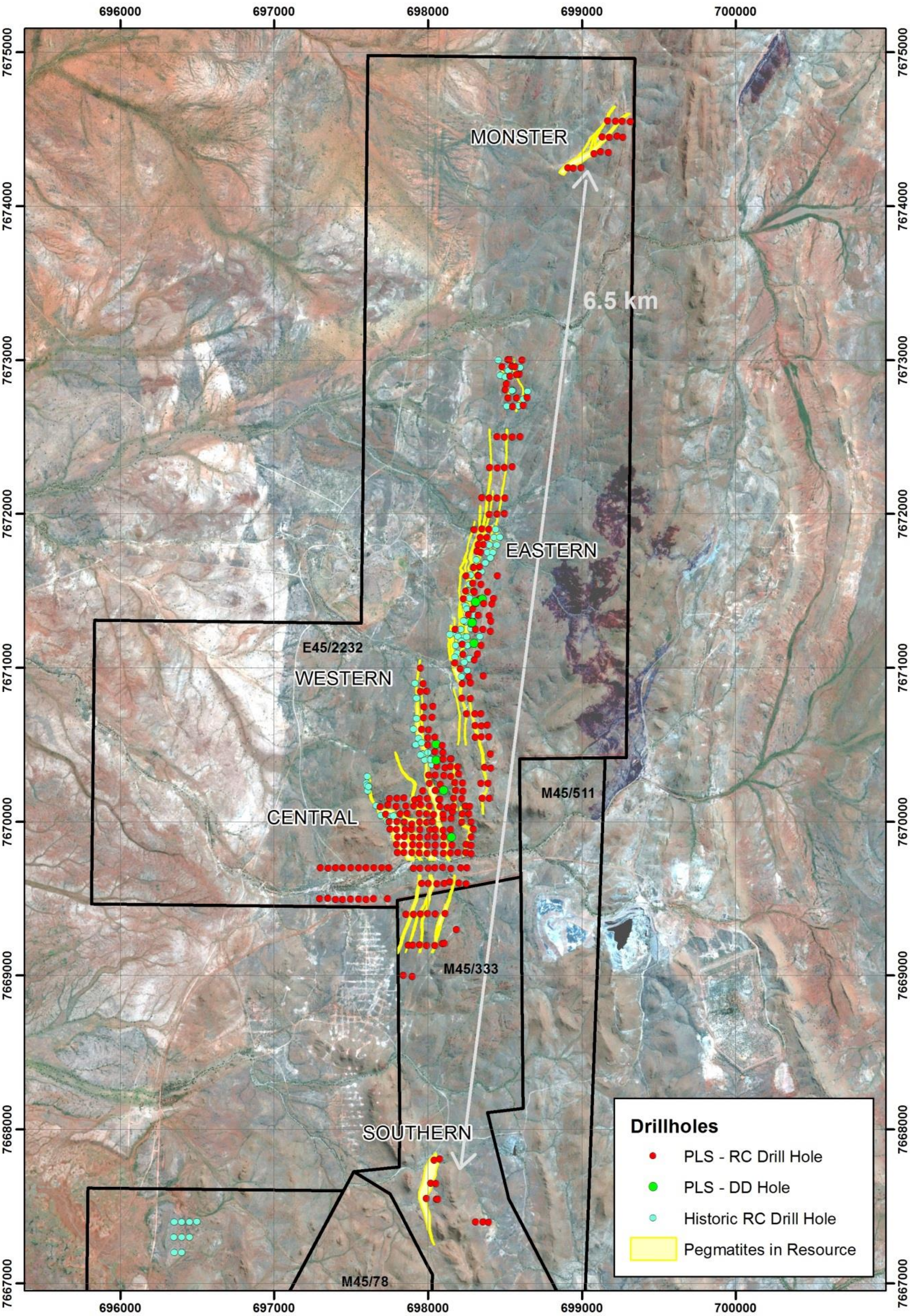


**Figure 3 – Pilgangoora RC collar locations within licences E45/2232 and M45/333.**

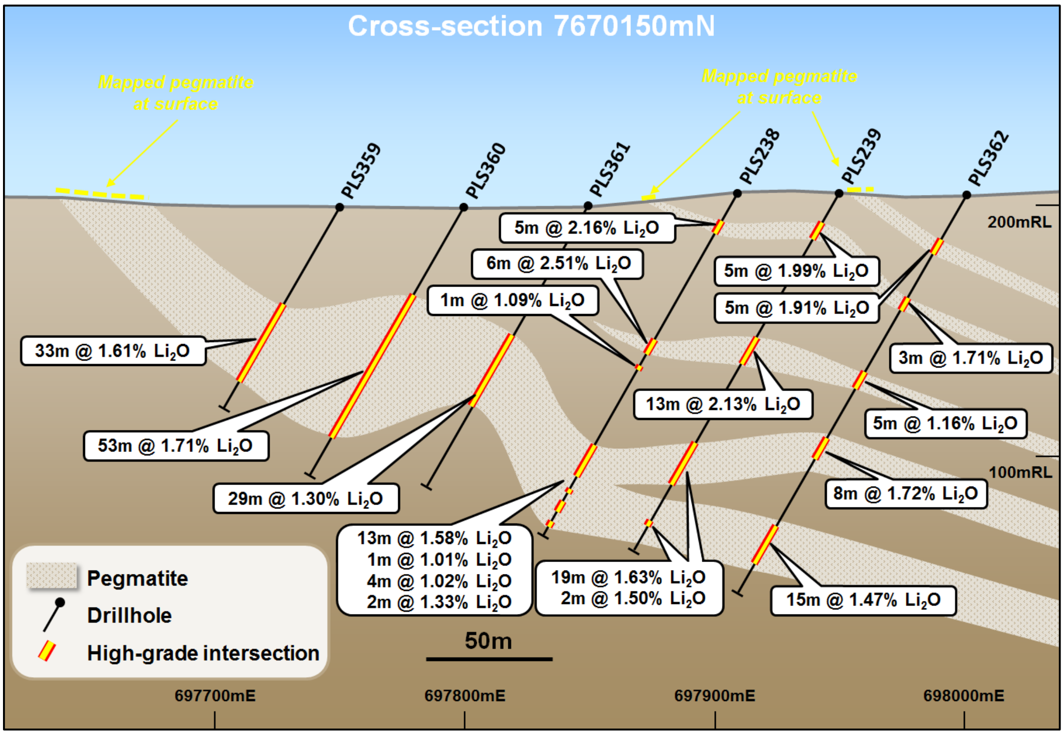


**Figure 4 – Central Geology cross-section 7,670,150mN (Open to the North)**

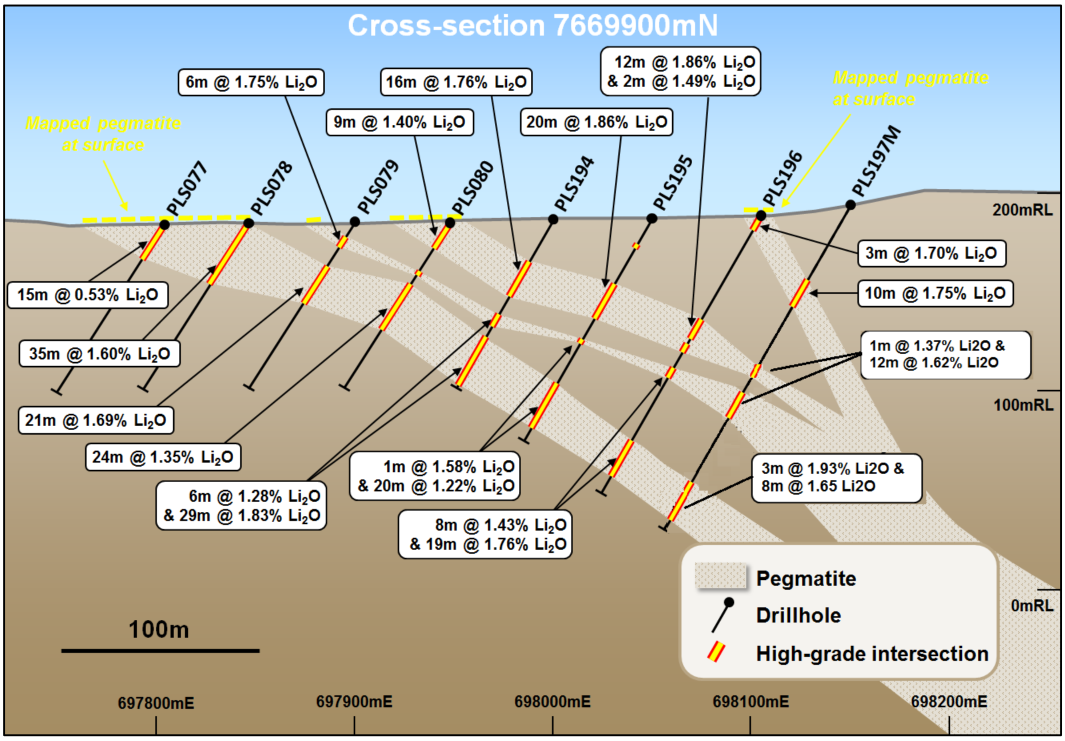


**Figure 5 – Central Geology cross-section 7,669,900mN**

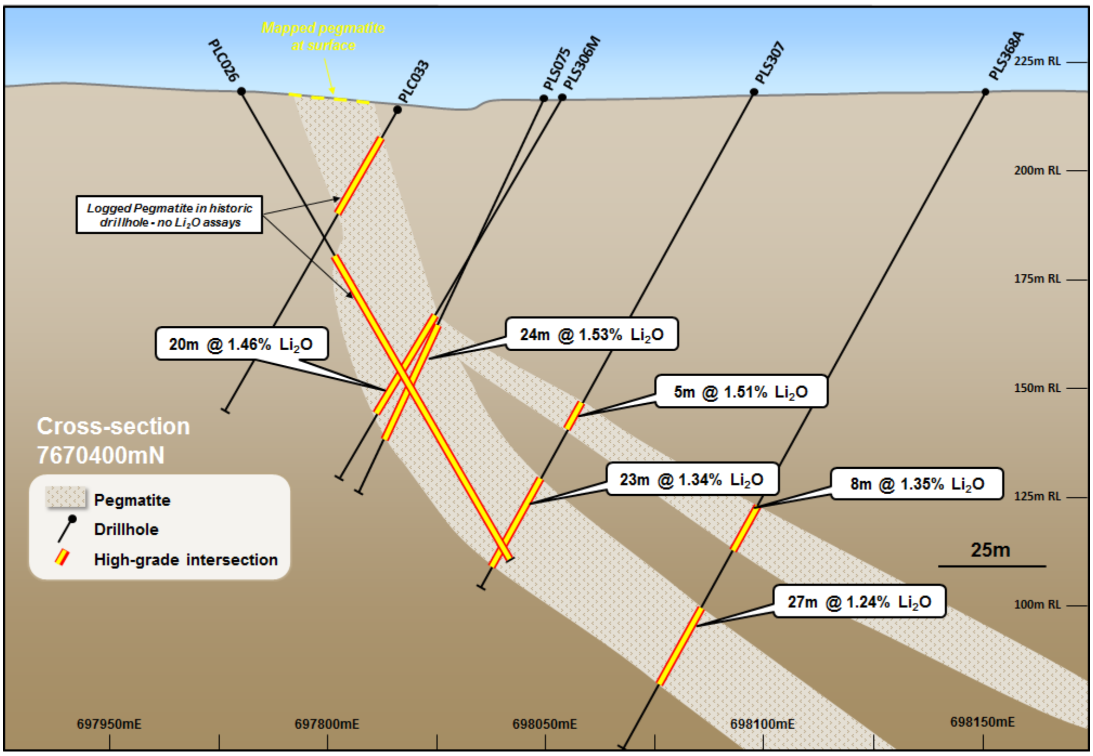


**Figure 6 – Western Pegmatite Geology cross-section 7,670,400mN**

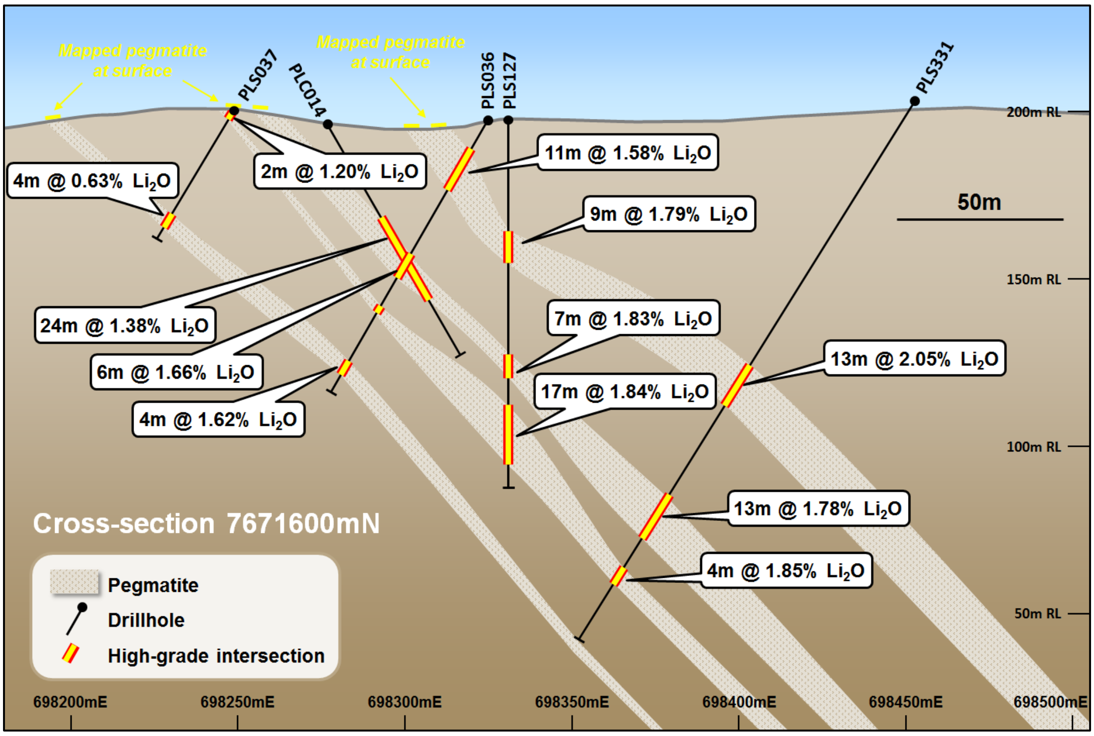


**Figure 7– Eastern Pegmatite Geology cross-section 7,671,600mN**

## $Fe_2O_3$ within resource

In addition to $Ta_2O_5$ and $Li_2O$, Pilbara has also estimated the $Fe_2O_3$ for the resource as it is a potential deleterious element in the production of spodumene concentrates for the glass and ceramics industry.

In May 2015 Pilbara announced (see ASX Release 25 May 2015) that high-quality spodumene concentrate was successfully produced from 100kg bulk sample by German industrial minerals specialists ANZAPLAN, using simple flotation and magnetic separation. Flotation testing of the bulk sample resulted in very high recoveries of spodumene with two flotation tests producing concentrate grading 5.7% $Li_20$ (lithium oxide) and 0.37% $Fe_2O_3$ (iron oxide). Magnetic separation after flotation **reduced the iron oxide content of the spodumene concentrate to 0.11% $Fe_2O_3$. This meets the specifications of typical glass-grade spodumene products**, which require low iron oxide content, typically in the range of **0.06 – 0.17% $Fe_2O_3$.** Therefore $Fe_2O_3$ is not considered to a deleterious element as it can be removed through a standard metallurgical process**.**

During the process of drilling, sampling and assaying, Pilbara identified two key issues that were causing contamination and hence, artificial elevation of the $Fe_2O_3$ assays for the drill samples. Firstly, when the drill samples were pulverised in laboratory in steel containers, the highly abrasive nature of mineralised pegmatite again resulted in further iron contamination of the drill samples. Secondly, the highly abrasive nature of the $Li_2O/Ta_2O_5$ mineralised pegmatite on the RC drilling bits and rods has resulted in iron contamination of the drill samples in the field. These two contamination issues are discussed in more detail below.

As such, Pilbara completed a statistical analysis into the both of the abovementioned issues which then allowed for factoring of the $Fe_2O_3$ assays to account for the contamination. Both the raw and factored $Fe_2O_3$ was estimated and reported in Table 4.

**Table 4: Pilgangoora Project – Mineral Resource Estimate including $Fe_2O_3$ (%)**

| Category | | Tonnage (million tonnes) | $Ta_2O_5$ (ppm) | $Li_2O$ (%) | Raw $Fe_2O_3$ (%) | Factored $Fe_2O_3$ (%) |
|---|---|---|---|---|---|---|
| **Indicated** | $Ta_2O_5$ | 17.9 | 182 | | 0.97 | 0.62 |
| | $Li_2O$ | 35.6 | | 1.31 | 1.01 | 0.63 |
| **Inferred** | $Ta_2O_5$ | 24.3 | 205 | | 1.12 | 0.74 |
| | $Li_2O$ | 44.4 | | 1.22 | 1.13 | 0.73 |
| **TOTAL** | **$Ta_2O_5$** | **42.2** | **195** | | **1.06** | **0.69** |
| | **$Li_2O$** | **80.0** | | **1.26** | **1.07** | **0.69** |

The iron contamination introduced when the drill samples were pulverised in the laboratory was investigated initially by pulverising six duplicate samples of crushed and homogenised core in both steel vs. tungsten carbide containers. This produced a convincing set of results with $Li_2O$ and $Ta_2O_5$ repeating consistently, but with a consistent 0.15% increase in $Fe_2O_3$ in the samples pulverised in the steel container. To allow for a more substantial, statistically viable dataset, a further 50 samples were analysed using the same process. The additional results confirmed the initial test with a very high degree of confidence, with results shown in Figure 8 and Table 5. An initial factor of -0.15% has been applied to all the raw $Fe_2O_3$ assays in the database.

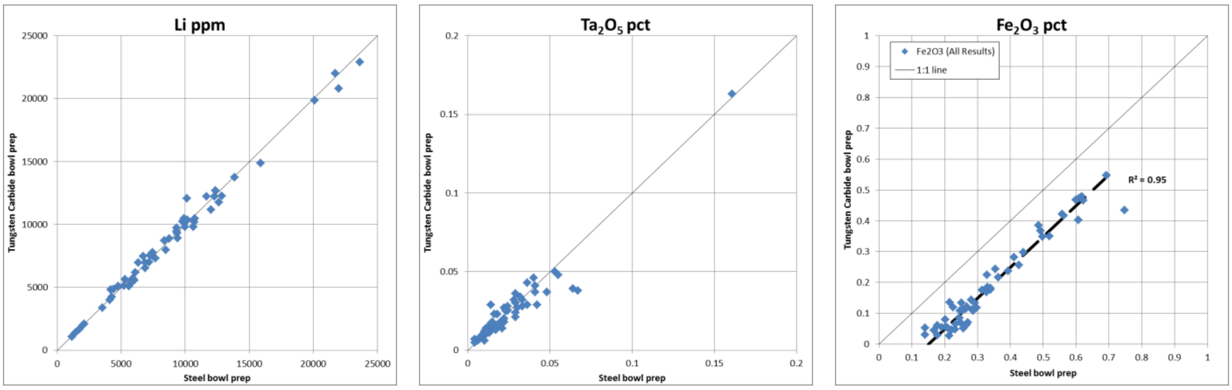


**Figure 8 – Charts showing steel vs. tungsten carbide pulverising comparisons for Li (ppm), $Ta_2O_5$ (%) & $Fe_2O_3$ (%)**

**Table 5: Steel vs. tungsten carbide pulverising difference for Li (ppm), $Ta_2O_5$ (%) & $Fe_2O_3$ (%)**

| Difference | Li (%) | $Ta_2O_5$ (%) | $Fe_2O_3$ (%) |
|---|---|---|---|
| **Average** | 0.00 | 0.00 | 0.15 |
| | | **90% Confidence Average** | 0.15 |
| **Standard Deviation** | 0.05 | 0.01 | 0.04 |

The iron contamination introduced into the RC drill samples by the highly abrasive nature of the mineralised pegmatite on the RC drilling bits and rods was investigated by comparing $Fe_2O_3$ assays from 5 sets of twin diamond core and RC holes. To date, Pilbara has completed 8 diamond core holes at Pilgangoora. Three of the holes were excluded from this study as two do not have twin RC holes and the third intersected pegmatites that bifurcated between the holes and made it difficult to directly compare the $Fe_2O_3$ assays. The twin hole sets were spread over a strike length 1,100m and the separation distance between holes varied between 2m and 15m. Statistical analysis of the spatial co-located data for the Pilbara diamond core, Pilbara RC and historic RC drilling confirmed a consistent significant difference in the $Fe_2O_3$ assays between the Pilbara diamond core and Pilbara RC – and to a lesser extent between the Pilbara diamond core and the historic RC results. This is illustrated by the box and log probability plots in Figure 9. From this, an additional factor of -0.26% has been applied to all the raw $Fe_2O_3$ assays for the Pilbara RC holes and -0.1% for the historic RC holes. No additional factor was applied to the Pilbara diamond core $Fe_2O_3$ assays.

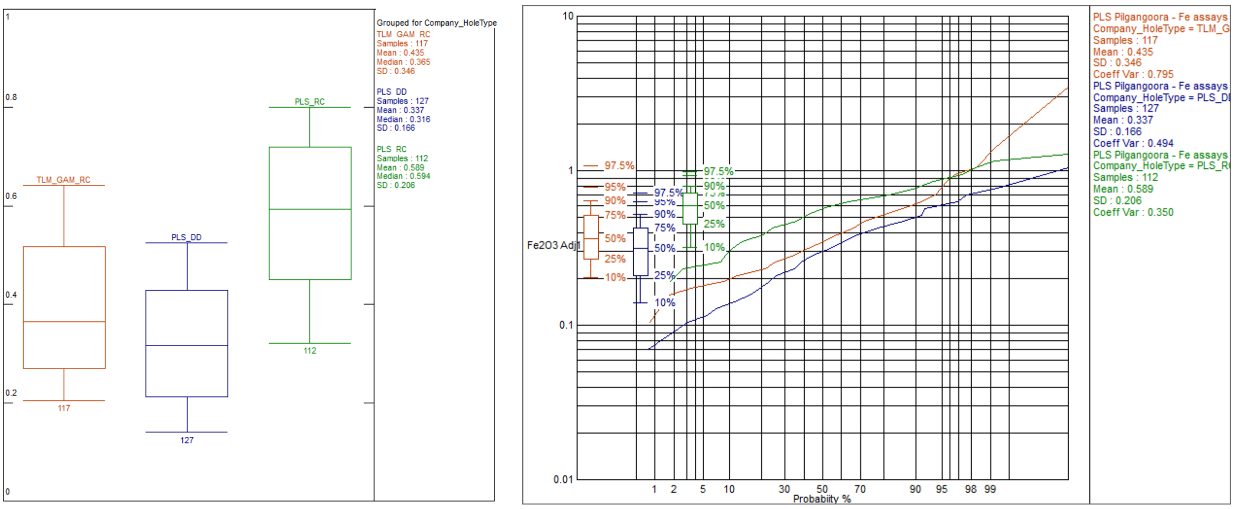


**Figure 9 – Charts showing box plot and log probability plot comparing Pilbara diamond core vs. Pilbara RC vs. historic RC for $Fe_2O_3$ (%) assays**

The two step $Fe_2O_3$ adjustment factors are summarised in Table 6.

**Table 6: $Fe_2O_3$ (%) adjustment factors used at Pilgangoora**

| Drillhole assay sub-set | $Fe_2O_3$ (%) Factor 1 | $Fe_2O_3$ (%) Factor 2 | $Fe_2O_3$ (%) Factor Total |
|---|---|---|---|
| Pilbara Diamond Core Samples | -0.15% | N/A | **-0.15%** |
| Pilbara RC Samples | -0.15% | -0.26% | **-0.41%** |
| Historic RC Samples | -0.15% | -0.10% | **-0.25%** |

Table 7 shows the main pegmatite $Li_2O$ and $Ta_2O_5$ intersections reported from the diamond drillholes with their corresponding raw and factored $Fe_2O_3$ grades. Note that only the sample pulverisation correction factor of -0.15% $Fe_2O_3$ is applied to the diamond core assays. The Factored intersection grades in Table 7 highlight that with the ability to select the geological contacts more accurately using core that the $Fe_2O_3$ content of Pilgangoora pegmatite drilled by the diamond core holes typically ranges as a zone between 0.23% and 0.62% $Fe_2O_3$. This range is lower that the estimated resource grade of 0.83% $Fe_2O_3$ which can be attributed to better geological contact identification and sampling selectivity with core rather than RC, plus less possibility for sample contamination during the drilling process. This illustrates the potential, with some selectivity, to further decrease the $Fe_2O_3$ grade in the run of mine ore.

**Table 7: $Fe_2O_3$ (%) adjustment factors used at Pilgangoora**

| Hole ID | From (m) | To (m) | Interval (m) | $Li_2O$ | $Ta_2O_5$ | Raw | Factored |
|---|---|---|---|---|---|---|---|
| **PLS114M** | 33 | 42.68 | 9.68 | 1.85 | 263 | 0.51 | 0.36 |
| **PLS114M-A** | 30 | 45 | 15 | 1.84 | 297 | 0.46 | 0.31 |
| | 74 | 76 | 2 | 1.21 | 265 | 0.52 | 0.37 |
| | 120 | 132 | 12 | 1.70 | 189 | 0.73 | 0.58 |
| | 159 | 162 | 3 | 2.16 | 673 | 0.48 | 0.33 |
| | 165 | 178 | 13 | 1.74 | 200 | 0.51 | 0.36 |
| **PLS197M** | 75 | 76 | 1 | 1.37 | 110 | 0.62 | 0.47 |
| | 108 | 116 | 9 | 1.78 | 107 | 0.62 | 0.47 |
| | 167 | 170 | 3 | 1.93 | 37 | 0.63 | 0.48 |
| | 173 | 181 | 8 | 1.65 | 71 | 0.63 | 0.48 |
| **PLS269M** | 4 | 6 | 2 | 1.43 | 540 | 0.49 | 0.34 |
| | 58 | 71 | 13 | 1.51 | 332 | 0.47 | 0.32 |
| | 76 | 82 | 6 | 1.59 | 145 | 0.53 | 0.38 |
| | 102 | 105 | 3 | 1.68 | 270 | 0.60 | 0.45 |
| **PLS270M** | 20 | 21 | 1 | 1.92 | 280 | 0.38 | 0.23 |
| | 29 | 43 | 14 | 1.69 | 446 | 0.77 | 0.62 |
| | 47 | 52 | 5 | 2.71 | 388 | 0.49 | 0.34 |
| | 55 | 59 | 4 | 1.26 | 370 | 0.38 | 0.23 |
| **PLS272M** | 26 | 29 | 3 | 1.95 | 197 | 0.50 | 0.35 |
| | 33 | 46 | 13 | 1.65 | 252 | 0.43 | 0.28 |
| | 88 | 94 | 6 | 1.30 | 715 | 0.53 | 0.38 |
| | 103 | 105 | 2 | 2.01 | 345 | 0.57 | 0.42 |
| **PLS303M** | 61 | 87 | 26 | 1.67 | 182 | 0.59 | 0.44 |
| **PLS306M** | 58 | 78 | 20 | 1.46 | 124 | 0.61 | 0.46 |
| **PLS337M** | 65 | 99 | 34 | 1.56 | 119 | 0.60 | 0.45 |

Pilbara will continue to investigate and further improve the understanding of the $Fe_2O_3$ grades of the Pilgangoora pegmatites with additional diamond core drilling to twin RC holes in key parts of the resource, it is expected that run of mine ore will contain $Fe_2O_3$ grades of less than 0.45% $Fe_2O_3$ within the resource. It will also be an important consideration in the metallurgical testwork program as it develops; to date simple magnetic separation has removed most of the iron from floatation concentrates.

**More Information:**

**What is Lithium?**

Lithium (Li) is recovered from the mineral spodumene and lithium-rich brines. It is used in a range of products such as ceramics, glass, batteries and pharmaceuticals. Lithium use has expanded significantly in recent years due to increasing use in rechargeable batteries in portable electronic devices and in batteries and electric motors for hybrid and electric cars.

**What is Tantalum?**

The primary source of tantalum is from minerals such as tantalite, columbite, wodginite and microlite contained in pegmatite ore bodies. The largest deposits are located in Australia, Brazil and Africa. Tantalum's **major use is** in the production of electronic components, **especially for capacitors,** with additional use in components for chemical plants, nuclear power plants, airplanes and missiles. It is also used as a substitute for platinum.

The tantalum market is boutique in size with around 1,300 tonnes required each year. However the market is rapidly growing due to capacitor use in wireless and handheld devices. PLS's Tabba Tabba Project could supply approximately 7% of the annual market consumption over two years. There are two major buyers of tantalum raw product worldwide: HC Starck and Global Advanced Metals.

**Contact:**

Neil Biddle
Director
Ph 0418 915 752

**-- ENDS ---**

**Competent Person's Statement**

*The information in this report that relates to Exploration Results and Exploration Targets is based on and fairly represents information and supporting documentation prepared by Mr John Young (Executive and Chief Geologist of Pilbara Minerals Limited). Mr Young is a shareholder of Pilbara Minerals. Mr Young is a member of the Australasian Institute of Mining and Metallurgy and has sufficient experience of relevance to the styles of mineralisation and types of deposits under consideration, and to the activities undertaken to qualify as Competent Persons as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Specifically, Mr Young consents to the inclusion in this report of the matters based on his information in the form and context in which they appear.*

*The information in this report that relates to Mineral Resources is based on and fairly represents information compiled by Mr Lauritz Barnes, (Consultant with Trepanier Pty Ltd) and Mr John Young (Executive and Chief Geologist of Pilbara Minerals Limited). Mr Young is a shareholder of Pilbara Minerals. Mr Barnes and Mr Young are members of the Australasian Institute of Mining and Metallurgy and have sufficient experience of relevance to the styles of mineralisation and types of deposits under consideration, and to the activities undertaken to qualify as Competent Persons as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Specifically, Mr Young is the Competent Person for the database, geological model and completed the site inspection. Mr Barnes is the Competent Person for the database and the resource estimation. Mr Barnes and Mr Young consent to the inclusion in this report of the matters based on their information in the form and context in which they appear.*

## SUMMARY OF RESOURCE ESTIMATE AND REPORTING CRITERIA

As per ASX Listing Rule 5.8 and the 2012 JORC reporting guidelines, a summary of the material information used to estimate the Mineral Resource is detailed below (for more detail please refer to Table 1, Sections 1 to 3 included below in Appendix 2).

**Geology and geological interpretation**

The Pilgangoora pegmatites are hosted in the East Strelley greenstone belt, which is a series of steeply dipping, mafic meta volcanic rocks and amphibolites. At Pilgangoora, the greenstones have been intruded by a swarm of north-trending, east-dipping pegmatites extending from Mount York in the south northwards for about 11km to McPhees Mining Centre. Many of the pegmatites are very large, reaching over 1000m in length and 200–300m in width. Despite their large size, mineralisation within these zoned pegmatites appears to be restricted to alteration zones, mainly along vein margins containing quartz, albite, muscovite, and spessartine garnet. These mineralised zones contain varying amounts of lepidolite, spodumene, tantalite, cassiterite, and minor microlite, tapiolite, and beryl.

The area of the Pilgangoora pegmatite field within E45/2232 and M45/333 comprises a series of extremely fractionated dykes and veins up to 50m thick within the immediate drilling area. These dykes and veins dip to the east at 20-60°, are parallel to sub-parallel to the main schistose fabric within the greenstones (Figures 2 to 7).

**Drilling techniques and hole spacing**

Talison Minerals Pty Ltd ("Talison") conducted a 54 drill hole RC program in 2008 totalling 3,198m and 29 drill holes for a total of 2,783m in 2010. Talison changed its name to Global Advanced Metals ("GAM") and completed 17 RC holes for 1,776m in 2012. Pilbara Minerals completed 41 RC holes for 3,812m in late 2014. Sections are generally spaced 25m to 50m (Grid North), while holes on section are spaced 5m to 50m apart (see Figures 1 to 4 above). In March 2015 Pilbara Minerals completed 23 RC holes for 2,193m and between May and mid-September a further 135 RC holes (14,064m) and 9 diamond core holes (1,082.7m). From mid-September and December 2015 Pilbara drilled a further 94 holes for 12,285m

**Sampling and sub-sampling techniques**

Sample information used in resource estimation was derived from both RC and diamond core drilling. The drill samples have been geologically logged and sampled for lab analysis. Eight of the nine diamond core holes twinned existing RC holes and when compared, strongly confirmed the RC results.

**Sample analysis method**

The Talison and GAM samples were assayed by GAM's Wodgina Site Laboratory for a 36 element suite using XRF on fused beads. Selected pulps from the 2008 and 2010 drilling plus all pegmatite pulps from the 2012 drilling were collected and sent to SGS Laboratories in Perth for analysis of their lithium content. Lithium analysis was conducted by Atomic Absorption Spectroscopy (AAS). The PLS drillhole samples were analysed by the Nagrom Laboratory in Perth by both fused bead XRF and ICP. No geophysical tools were used to determine any element concentrations used in the resource estimate.

**Cut-off grades**

Grade envelopes have been wireframed to an approximate 100ppm $Ta_2O_5$ cut-off which typically coincides with pegmatite boundaries and which allows for geological continuity of the mineralised zones.

**Estimation Methodology**

Grade estimation was by Ordinary Kriging ("OK") for $Ta_2O_5$, $Li_2O$ and $Fe_2O_3$ (both raw and factored) using GEOVIA Surpac™ software. Note that there were insufficient samples analysed to allow populating of $Li_2O$ into 1 of the 35 domains. The estimate was resolved into 5m (E) x 25m (N) x 5m (RL) parent cells that had been sub-celled at the domain boundaries for accurate domain volume representation. Estimation parameters were based on the variogram models, data geometry and kriging estimation statistics. Top-cuts were decided by completing an outlier analysis using a combination of methods including grade histograms, log probability plots and other statistical tools. Based on this statistical analysis of the data population, top-cuts of between 2.0% and 3.8% for $Li_2O$, 110ppm to 1000ppm for $Ta_2O_5$ and 1.0% and 4.8% for $Fe_2O_3$ were applied. Some domains did not require top-cutting.

**Classification criteria**

The Mineral Resource has been classified on the basis of confidence in the geological model, continuity of mineralized zones, drilling density, confidence in the underlying database and the available bulk density information. The Pilgangoora Mineral Resource in part has been classified as Indicated with the remainder as Inferred according to JORC 2012.

**Mining and metallurgical methods and parameters**

Based on the orientations, thicknesses and depths to which the pegmatite veins have been modelled, plus their estimated grades for $Ta_2O_5$ and $Li_2O$, the potential mining method is considered to be open pit mining.

Historical mining operations and the presence of a tin-tantalum separation plant adjacent to a large tailings dump indicates that the assumption for potential successful processing of Pilgangoora ore is reasonable.

Nagrom Pty Ltd and Anzaplan have both completed scoping metallurgical testwork and have recovered both $Ta_2O_5$ and $Li_2O$ of marketable qualities. ( see ASX release ''Pilbara Testwork Confirms Potential" released 25/05/2015, "Quarterly Activities and Appendix 5B, released 24/04/2015).

# Appendix 1

## Exploration Results – Downhole intercepts (to be read in conjunction with JORC Table 1)

| HoleID | Hole Type | MGA Easting | MGA Northing | RL | Dip | MGA Azimuth | Hole Depth | Domain | Depth From | Interval Length | Ta2O5 ppm | Li2O pct[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PLC001 | RC | 698458 | 7672998 | 191 | -60 | 94 | 45 | *Not within resource zone* | | | | |
| PLC002 | RC | 698471 | 7672900 | 200 | -60 | 78 | 59 | 20 | 44 | 12 | 250 | |
| PLC004 | RC | 698512 | 7672699 | 191 | -60 | 82 | 30 | *Not within resource zone* | | | | |
| PLC005 | RC | 698531 | 7673000 | 188 | -70 | 94 | 35 | *Not within resource zone* | | | | |
| PLC005A | RC | 698540 | 7673000 | 188 | -60 | 96 | 60 | 22 | 44 | 5 | 365 | |
| PLC006 | RC | 698534 | 7672896 | 204 | -60 | 98 | 70 | *Not within resource zone* | | | | |
| PLC006A | RC | 698545 | 7672900 | 204 | -60 | 98 | 50 | *Not within resource zone* | | | | |
| PLC007 | RC | 698551 | 7672800 | 200 | -60 | 95 | 52 | *Not within resource zone* | | | | |
| PLC007A | RC | 698546 | 7672800 | 199 | -60 | 274 | 55 | 20 | 44 | 4 | 334 | |
| PLC008 | RC | 698588 | 7672702 | 197 | -60 | 276 | 45 | 22 | 0 | 19 | 318 | |
| PLC008A | RC | 698587 | 7672701 | 197 | -60 | 94 | 30 | 22 | 0 | 7 | 342 | |
| PLC013 | RC | 698315 | 7671700 | 190 | -60 | 90 | 121 | 12 | 59 | 56 | 203 | |
| PLC013A | RC | 698293 | 7671652 | 192 | -60 | 96 | 76 | 12 | 43 | 24 | 194 | |
| PLC014 | RC | 698277 | 7671600 | 195 | -60 | 96 | 80 | 12 | 37 | 22 | 278 | 1.59[2] |
| PLC014A | RC | 698273 | 7671544 | 195 | -70 | 100 | 64 | 10 | 25 | 19 | 236 | |
| PLC015 | RC | 698254 | 7671500 | 193 | -60 | 90 | 85 | 11 | 15 | 7 | 206 | |
| PLC015 | RC | 698254 | 7671500 | 193 | -60 | 90 | 85 | 10 | 49 | 9 | 324 | |
| PLC016 | RC | 698247 | 7671400 | 193 | -60 | 72 | 60 | 12 | 0 | 2 | 459 | |
| PLC016 | RC | 698247 | 7671400 | 193 | -60 | 72 | 60 | 11 | 16 | 1 | 117 | |
| PLC016 | RC | 698247 | 7671400 | 193 | -60 | 72 | 60 | 10 | 40 | 3 | 134 | |
| PLC016A | RC | 698275 | 7671342 | 199 | -60 | 227 | 80 | 13 | 7 | 4 | 202 | |
| PLC016A | RC | 698275 | 7671342 | 199 | -60 | 227 | 80 | 12 | 11 | 17 | 215 | |
| PLC016A | RC | 698275 | 7671342 | 199 | -60 | 227 | 80 | 9 | 48 | 14 | 395 | |
| PLC016A | RC | 698275 | 7671342 | 199 | -60 | 227 | 80 | 8 | 62 | 8 | 326 | |
| PLC016B | RC | 698254 | 7671381 | 194 | -60 | 109 | 79 | 12 | 0 | 33 | 294 | 0.92 |
| PLC016B | RC | 698254 | 7671381 | 194 | -60 | 109 | 79 | 10 | 66 | 4 | 179 | 0.96 |
| PLC017 | RC | 698240 | 7671300 | 196 | -70 | 88 | 50 | 12 | 0 | 4 | 174 | |
| PLC017A | RC | 698239 | 7671305 | 196 | -60 | 50 | 88 | 9 | 41 | 42 | 319 | 1.50 |
| PLC017B | RC | 698246 | 7671300 | 197 | -60 | 88 | 80 | 12 | 0 | 20 | 227 | |
| PLC018 | RC | 698238 | 7671200 | 196 | -60 | 84 | 50 | 9 | 42 | 4 | 787 | |
| PLC018A | RC | 698231 | 7671169 | 196 | -60 | 140 | 60 | 12 | 0 | 25 | 259 | |
| PLC018A | RC | 698231 | 7671169 | 196 | -60 | 140 | 60 | 9 | 28 | 3 | 451 | |

| HoleID | Hole Type | MGA Easting | MGA Northing | RL | Dip | MGA Azimuth | Hole Depth | Domain | Depth From | Interval Length | Ta2O5 ppm | Li2O pct[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PLC019 | RC | 698236 | 7671095 | 211 | -60 | 90 | 52 | 12 | 24 | 15 | 261 | 0.90 |
| PLC019A | RC | 698190 | 7671093 | 206 | -60 | 266 | 64 | 8 | 3 | 9 | 174 | |
| PLC019A | RC | 698190 | 7671093 | 206 | -60 | 266 | 64 | 6 | 28 | 13 | 205 | |
| PLC019A | RC | 698190 | 7671093 | 206 | -60 | 266 | 64 | 5 | 55 | 5 | 216 | |
| PLC021 | RC | 697916 | 7670899 | 194 | -60 | 96 | 50 | *Not within resource zone* | | | | |
| PLC022 | RC | 697927 | 7670801 | 198 | -88 | 330 | 55 | *Not within resource zone* | | | | |
| PLC023 | RC | 697927 | 7670670 | 203 | -90 | 90 | 60 | 1 | 0 | 6 | 267 | |
| PLC024 | RC | 697906 | 7670600 | 210 | -85 | 84 | 56 | *Not within resource zone* | | | | |
| PLC024A | RC | 697939 | 7670540 | 221 | -60 | 0 | 30 | 1 | 0 | 21 | 191 | |
| PLC025 | RC | 697922 | 7670500 | 219 | -60 | 96 | 60 | *Not within resource zone* | | | | |
| PLC025A | RC | 697961 | 7670512 | 223 | -80 | 20 | 34 | 1 | 0 | 27 | 174 | 1.30 |
| PLC026 | RC | 697980 | 7670401 | 218 | -60 | 96 | 124 | 1 | 46 | 78 | 117 | |
| PLC026A | RC | 697967 | 7670438 | 221 | -60 | 80 | 60 | *Not within resource zone* | | | | |
| PLC027 | RC | 697608 | 7670293 | 205 | -60 | 174 | 38 | *Not within resource zone* | | | | |
| PLC028 | RC | 697601 | 7670250 | 216 | -60 | 99 | 50 | *Not within resource zone* | | | | |
| PLC028A | RC | 697604 | 7670236 | 217 | -90 | 90 | 50 | *Not within resource zone* | | | | |
| PLC029 | RC | 697609 | 7670200 | 212 | -60 | 90 | 50 | *Not within resource zone* | | | | |
| PLC029A | RC | 697615 | 7670228 | 217 | -90 | 90 | 10 | 36 | 2 | 5 | 176 | |
| PLC030 | RC | 697664 | 7670103 | 194 | -60 | 38 | 50 | *Not within resource zone* | | | | |
| PLC030A | RC | 697695 | 7670039 | 195 | -90 | 90 | 20 | 36 | 0 | 14 | 99 | 0.38 |
| PLC030B | RC | 697750 | 7670032 | 191 | -60 | 8 | 46 | 36 | 0 | 41 | 107 | |
| PLC030C | RC | 697750 | 7670031 | 191 | -88 | 50 | 25 | 36 | 0 | 20 | 100 | |
| PLC031 | RC | 697736 | 7670003 | 188 | -80 | 30 | 60 | *Not within resource zone* | | | | |
| PLC031A | RC | 697777 | 7670037 | 190 | -60 | 310 | 60 | 36 | 0 | 45 | 133 | 1.08 |
| PLC032 | RC | 698026 | 7670370 | 211 | -60 | 260 | 70 | 1 | 31 | 30 | 135 | |
| PLC033 | RC | 698016 | 7670403 | 214 | -60 | 268 | 80 | 1 | 19 | 9 | 214 | |
| PLC034 | RC | 698001 | 7670448 | 223 | -60 | 274 | 80 | 1 | 1 | 13 | 135 | |
| PLC035 | RC | 697951 | 7670433 | 222 | -60 | 280 | 60 | | | | | |
| PLC036 | RC | 698179 | 7671223 | 192 | -60 | 281 | 80 | 7 | 1 | 6 | 193 | 0.82 |
| PLC036 | RC | 698179 | 7671223 | 192 | -60 | 281 | 80 | 6 | 24 | 13 | 211 | 1.71 |
| PLC036 | RC | 698179 | 7671223 | 192 | -60 | 281 | 80 | 5 | 60 | 3 | 201 | 0.22 |
| PLC037 | RC | 698143 | 7671215 | 196 | -60 | 110 | 63 | *Not within resource zone* | | | | |
| PLC038 | RC | 698175 | 7671068 | 203 | -60 | 264 | 80 | 3 | 0 | 18 | 178 | |
| PLC038 | RC | 698175 | 7671068 | 203 | -60 | 264 | 80 | 5 | 37 | 4 | 270 | |
| PLC039 | RC | 698179 | 7671145 | 203 | -70 | 280 | 77 | 7 | 0 | 8 | 161 | |

| HoleID | Hole Type | MGA Easting | MGA Northing | RL | Dip | MGA Azimuth | Hole Depth | Domain | Depth From | Interval Length | Ta2O5 ppm | Li2O pct[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PLC039 | RC | 698179 | 7671145 | 203 | -70 | 280 | 77 | 6 | 24 | 13 | 278 | |
| PLC039 | RC | 698179 | 7671145 | 203 | -70 | 280 | 77 | 5 | 58 | 3 | 120 | |
| PLC040 | RC | 698195 | 7671204 | 195 | -59.7 | 265.1 | 87 | 7 | 15 | 3 | 143 | |
| PLC040 | RC | 698195 | 7671204 | 195 | -59.7 | 265.1 | 87 | 6 | 36 | 14 | 303 | |
| PLC040 | RC | 698195 | 7671204 | 195 | -59.7 | 265.1 | 87 | 5 | 67 | 6 | 228 | |
| PLC041 | RC | 698220 | 7671173 | 196 | -60.5 | 277.1 | 93 | 9 | 5 | 3 | 293 | |
| PLC041 | RC | 698220 | 7671173 | 196 | -60.5 | 277.1 | 93 | 7 | 37 | 2 | 126 | |
| PLC041 | RC | 698220 | 7671173 | 196 | -60.5 | 277.1 | 93 | 6 | 60 | 14 | 200 | |
| PLC041 | RC | 698220 | 7671173 | 196 | -60.5 | 277.1 | 93 | 5 | 82 | 4 | 198 | |
| PLC042 | RC | 698214 | 7671249 | 193 | -59.7 | 270.4 | 99 | 8 | 7 | 3 | 540 | 0.48[2] |
| PLC042 | RC | 698214 | 7671249 | 193 | -59.7 | 270.4 | 99 | 7 | 43 | 5 | 159 | |
| PLC042 | RC | 698214 | 7671249 | 193 | -59.7 | 270.4 | 99 | 6 | 62 | 10 | 261 | |
| PLC042 | RC | 698214 | 7671249 | 193 | -59.7 | 270.4 | 99 | 5 | 88 | 5 | 232 | |
| PLC043 | RC | 698373 | 7671681 | 193 | -59.7 | 274.5 | 117 | 14 | 35 | 4 | 226 | |
| PLC043 | RC | 698373 | 7671681 | 193 | -59.7 | 274.5 | 117 | 13 | 43 | 4 | 250 | |
| PLC043 | RC | 698373 | 7671681 | 193 | -59.7 | 274.5 | 117 | 12 | 66 | 8 | 202 | |
| PLC043 | RC | 698373 | 7671681 | 193 | -59.7 | 274.5 | 117 | 10 | 91 | 2 | 152 | |
| PLC043 | RC | 698373 | 7671681 | 193 | -59.7 | 274.5 | 117 | 8 | 102 | 8 | 305 | |
| PLC044 | RC | 698348 | 7671625 | 194 | -59.7 | 264.4 | 105 | 13 | 29 | 10 | 193 | |
| PLC044 | RC | 698348 | 7671625 | 194 | -59.7 | 264.4 | 105 | 12 | 53 | 10 | 265 | |
| PLC044 | RC | 698348 | 7671625 | 194 | -59.7 | 264.4 | 105 | 10 | 77 | 2 | 172 | |
| PLC044 | RC | 698348 | 7671625 | 194 | -59.7 | 264.4 | 105 | 8 | 89 | 11 | 476 | 0.40[2] |
| PLC045 | RC | 698280 | 7671253 | 204 | -60 | 233.4 | 81 | 12 | 21 | 19 | 248 | 1.34 |
| PLC045 | RC | 698280 | 7671253 | 204 | -60 | 233.4 | 81 | 9 | 56 | 6 | 296 | 1.96 |
| PLC045 | RC | 698280 | 7671253 | 204 | -60 | 233.4 | 81 | 8 | 69 | 3 | 276 | 0.08 |
| PLC046 | RC | 698281 | 7671285 | 206 | -60.1 | 276.6 | 87 | 12 | 20 | 17 | 222 | 1.67 |
| PLC046 | RC | 698281 | 7671285 | 206 | -60.1 | 276.6 | 87 | 9 | 54 | 7 | 320 | 1.76 |
| PLC046 | RC | 698281 | 7671285 | 206 | -60.1 | 276.6 | 87 | 8 | 70 | 5 | 230 | 0.79 |
| PLC047 | RC | 698288 | 7671341 | 202 | -59.7 | 268.6 | 93 | 13 | 12 | 10 | 222 | 1.73 |
| PLC047 | RC | 698288 | 7671341 | 202 | -59.7 | 268.6 | 93 | 12 | 22 | 10 | 201 | 0.99 |
| PLC047 | RC | 698288 | 7671341 | 202 | -59.7 | 268.6 | 93 | 9 | 59 | 6 | 558 | 1.20 |
| PLC047 | RC | 698288 | 7671341 | 202 | -59.7 | 268.6 | 93 | 8 | 69 | 9 | 370 | 1.74 |
| PLC048 | RC | 698303 | 7671429 | 205 | -59.1 | 238.7 | 81 | 13 | 27 | 12 | 342 | 1.41 |
| PLC048 | RC | 698303 | 7671429 | 205 | -59.1 | 238.7 | 81 | 12 | 41 | 8 | 174 | 2.12 |
| PLC048 | RC | 698303 | 7671429 | 205 | -59.1 | 238.7 | 81 | 11 | 49 | 6 | 386 | 1.48 |

| HoleID | Hole Type | MGA Easting | MGA Northing | RL | Dip | MGA Azimuth | Hole Depth | Domain | Depth From | Interval Length | Ta2O5 ppm | Li2O pct[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PLC048 | RC | 698303 | 7671429 | 205 | -59.1 | 238.7 | 81 | 10 | 67 | 1 | 95 | 0.91 |
| PLC049 | RC | 698270 | 7671452 | 198 | -70.7 | 263.3 | 87 | 13 | 0 | 8 | 187 | 1.09 |
| PLC049 | RC | 698270 | 7671452 | 198 | -70.7 | 263.3 | 87 | 12 | 18 | 7 | 288 | 0.82 |
| PLC049 | RC | 698270 | 7671452 | 198 | -70.7 | 263.3 | 87 | 11 | 29 | 1 | 81 | 0.38 |
| PLC049 | RC | 698270 | 7671452 | 198 | -70.7 | 263.3 | 87 | 10 | 39 | 3 | 147 | 1.38 |
| PLC049 | RC | 698270 | 7671452 | 198 | -70.7 | 263.3 | 87 | 8 | 62 | 9 | 387 | 1.11 |
| PLC050 | RC | 698256 | 7671143 | 204 | -60.9 | 266.2 | 123 | 12 | 16 | 16 | 416 | 1.91 |
| PLC050 | RC | 698256 | 7671143 | 204 | -60.9 | 266.2 | 123 | 9 | 34 | 1 | 449 | 0.19 |
| PLC050 | RC | 698256 | 7671143 | 204 | -60.9 | 266.2 | 123 | 8 | 51 | 2 | 157 | 0.17 |
| PLC050 | RC | 698256 | 7671143 | 204 | -60.9 | 266.2 | 123 | 7 | 76 | 4 | 225 | 1.05 |
| PLC050 | RC | 698256 | 7671143 | 204 | -60.9 | 266.2 | 123 | 6 | 92 | 14 | 226 | 1.24 |
| PLC051 | RC | 698273 | 7671058 | 219 | -59.5 | 273.4 | 135 | 12 | 40 | 1 | 269 | 2.22 |
| PLC051 | RC | 698273 | 7671058 | 219 | -59.5 | 273.4 | 135 | 8 | 70 | 7 | 156 | 1.17 |
| PLC051 | RC | 698273 | 7671058 | 219 | -59.5 | 273.4 | 135 | 3 | 81 | 16 | 206 | 1.77 |
| PLC051 | RC | 698273 | 7671058 | 219 | -59.5 | 273.4 | 135 | 4 | 102 | 3 | 266 | 1.83 |
| PLC052 | RC | 698237 | 7671036 | 213 | -59.5 | 265.9 | 93 | 12 | 14 | 1 | 207 | 1.50 |
| PLC052 | RC | 698237 | 7671036 | 213 | -59.5 | 265.9 | 93 | 3 | 41 | 35 | 267 | 1.73 |
| PLC052 | RC | 698237 | 7671036 | 213 | -59.5 | 265.9 | 93 | 4 | 81 | 2 | 232 | 1.57 |
| PLC053 | RC | 698256 | 7670982 | 208 | -59.5 | 284.4 | 125 | 3 | 41 | 28 | 231 | 2.06[2] |
| PLC053 | RC | 698256 | 7670982 | 208 | -59.5 | 284.4 | 125 | 4 | 100 | 2 | 170 | |
| PLC054 | RC | 698219 | 7670940 | 199 | -59.3 | 273.1 | 75 | 3 | 5 | 26 | 205 | |
| PLC054 | RC | 698219 | 7670940 | 199 | -59.3 | 273.1 | 75 | 4 | 68 | 1 | 124 | |
| PLC055 | RC | 698339 | 7671202 | 216 | -59.1 | 262 | 141 | 12 | 64 | 21 | 291 | |
| PLC055 | RC | 698339 | 7671202 | 216 | -59.1 | 262 | 141 | 9 | 103 | 2 | 391 | |
| PLC055 | RC | 698339 | 7671202 | 216 | -59.1 | 262 | 141 | 8 | 124 | 2 | 503 | 0.98[2] |
| PLC056 | RC | 698252 | 7671200 | 200 | -59.1 | 269.4 | 129 | 12 | 0 | 12 | 225 | |
| PLC056 | RC | 698252 | 7671200 | 200 | -59.1 | 269.4 | 129 | 9 | 22 | 8 | 266 | |
| PLC056 | RC | 698252 | 7671200 | 200 | -59.1 | 269.4 | 129 | 8 | 44 | 4 | 249 | |
| PLC056 | RC | 698252 | 7671200 | 200 | -59.1 | 269.4 | 129 | 7 | 75 | 4 | 174 | |
| PLC056 | RC | 698252 | 7671200 | 200 | -59.1 | 269.4 | 129 | 6 | 103 | 16 | 214 | |
| PLC058 | RC | 698585 | 7672997 | 192 | -59.8 | 267.2 | 51 | *Not within resource zone* | | | | |
| PLC057 | RC | 698496 | 7672954 | 190 | -59.7 | 273.1 | 69 | 20 | 16 | 26 | 201 | 1.40 |
| PLC059 | RC | 698599 | 7672949 | 199 | -59.7 | 271.9 | 93 | 22 | 68 | 3 | 404 | 1.83 |
| PLC059 | RC | 698599 | 7672949 | 199 | -59.7 | 271.9 | 93 | 21 | 79 | 3 | 448 | 1.19 |
| PLC060 | RC | 698580 | 7672906 | 203 | -59.5 | 264.5 | 57 | 22 | 19 | 2 | 366 | 1.03 |

| HoleID | Hole Type | MGA Easting | MGA Northing | RL | Dip | MGA Azimuth | Hole Depth | Domain | Depth From | Interval Length | Ta2O5 ppm | Li2O pct[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PLC060 | RC | 698580 | 7672906 | 203 | -59.5 | 264.5 | 57 | 21 | 33 | 5 | 515 | 1.49 |
| PLC061 | RC | 698504 | 7672891 | 203 | -60.1 | 269.7 | 45 | 20 | 19 | 7 | 180 | 1.33 |
| PLC062 | RC | 698524 | 7672930 | 198 | -60.5 | 265.1 | 93 | 20 | 76 | 14 | 236 | 1.02 |
| PLC063 | RC | 698648 | 7672795 | 207 | -58.9 | 272.9 | 81 | 22 | 54 | 5 | 497 | 1.75 |
| PLC064 | RC | 698619 | 7672743 | 202 | -59.9 | 277.3 | 57 | 22 | 32 | 5 | 277 | 1.27 |
| PLC065 | RC | 698297 | 7671343 | 202 | -88.8 | 48.5 | 141 | 13 | 25 | 12 | 197 | |
| PLC065 | RC | 698297 | 7671343 | 202 | -88.8 | 48.5 | 141 | 12 | 37 | 17 | 269 | |
| PLC065 | RC | 698297 | 7671343 | 202 | -88.8 | 48.5 | 141 | 9 | 98 | 5 | 638 | 0.68[2] |
| PLC065 | RC | 698297 | 7671343 | 202 | -88.8 | 48.5 | 141 | 8 | 124 | 1 | 178 | |
| PLC066 | RC | 698282 | 7671285 | 203 | -89.3 | 107.7 | 117 | 12 | 24 | 26 | 295 | 0.64[2] |
| PLC066 | RC | 698282 | 7671285 | 203 | -89.3 | 107.7 | 117 | 9 | 92 | 3 | 410 | 0.94 |
| PLC066 | RC | 698282 | 7671285 | 203 | -89.3 | 107.7 | 117 | 8 | 106 | 3 | 176 | |
| PLC067 | RC | 698257 | 7671144 | 205 | -76.7 | 275.9 | 147 | 12 | 15 | 14 | 252 | |
| PLC067 | RC | 698257 | 7671144 | 205 | -76.7 | 275.9 | 147 | 9 | 38 | 7 | 240 | |
| PLC067 | RC | 698257 | 7671144 | 205 | -76.7 | 275.9 | 147 | 8 | 65 | 2 | 380 | |
| PLC067 | RC | 698257 | 7671144 | 205 | -76.7 | 275.9 | 147 | 7 | 95 | 9 | 218 | |
| PLC067 | RC | 698257 | 7671144 | 205 | -76.7 | 275.9 | 147 | 6 | 125 | 17 | 211 | |
| PLC068 | RC | 698232 | 7671303 | 195 | -59.8 | 269.5 | 81 | 9 | 5 | 4 | 169 | 1.30 |
| PLC068 | RC | 698232 | 7671303 | 195 | -59.8 | 269.5 | 81 | 8 | 21 | 4 | 480 | 1.02 |
| PLC068 | RC | 698232 | 7671303 | 195 | -59.8 | 269.5 | 81 | 7 | 65 | 2 | 210 | 1.18 |
| PLC069 | RC | 698387 | 7671748 | 191 | -60 | 270 | 89 | 14 | 29 | 7 | 201 | 0.43 |
| PLC069 | RC | 698387 | 7671748 | 191 | -60 | 270 | 89 | 13 | 45 | 3 | 221 | 0.50 |
| PLC069 | RC | 698387 | 7671748 | 191 | -60 | 270 | 89 | 12 | 70 | 12 | 311 | 1.10 |
| PLC070 | RC | 698422 | 7671748 | 193 | -60 | 270 | 149 | 15 | 13 | 3 | 452 | 0.64 |
| PLC070 | RC | 698422 | 7671748 | 193 | -60 | 270 | 149 | 14 | 63 | 5 | 198 | 1.00 |
| PLC070 | RC | 698422 | 7671748 | 193 | -60 | 270 | 149 | 13 | 68 | 5 | 152 | 0.88 |
| PLC070 | RC | 698422 | 7671748 | 193 | -60 | 270 | 149 | 12 | 98 | 12 | 241 | 0.83 |
| PLC070 | RC | 698422 | 7671748 | 193 | -60 | 270 | 149 | 8 | 137 | 6 | 290 | 0.59 |
| PLC071 | RC | 698400 | 7671796 | 191 | -60 | 270 | 95 | 14 | 30 | 6 | 399 | 0.67 |
| PLC071 | RC | 698400 | 7671796 | 191 | -60 | 270 | 95 | 13 | 44 | 6 | 298 | 0.17 |
| PLC071 | RC | 698400 | 7671796 | 191 | -60 | 270 | 95 | 12 | 77 | 11 | 211 | 0.78 |
| PLC072 | RC | 698446 | 7671797 | 192 | -60 | 270 | 161 | 16 | 7 | 2 | 232 | |
| PLC072 | RC | 698446 | 7671797 | 192 | -60 | 270 | 161 | 15 | 31 | 2 | 554 | 0.05 |
| PLC072 | RC | 698446 | 7671797 | 192 | -60 | 270 | 161 | 14 | 68 | 3 | 266 | |
| PLC072 | RC | 698446 | 7671797 | 192 | -60 | 270 | 161 | 13 | 76 | 6 | 254 | 0.64 |

| HoleID | Hole Type | MGA Easting | MGA Northing | RL | Dip | MGA Azimuth | Hole Depth | Domain | Depth From | Interval Length | Ta2O5 ppm | Li2O pct[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PLC072 | RC | 698446 | 7671797 | 192 | -60 | 270 | 161 | 12 | 108 | 14 | 225 | 0.68 |
| PLC072 | RC | 698446 | 7671797 | 192 | -60 | 270 | 161 | 8 | 141 | 6 | 234 | 0.59 |
| PLC073 | RC | 698429 | 7671845 | 191 | -60 | 270 | 119 | 15 | 15 | 2 | 602 | 0.07 |
| PLC073 | RC | 698429 | 7671845 | 191 | -60 | 270 | 119 | 14 | 49 | 2 | 288 | 1.04 |
| PLC073 | RC | 698429 | 7671845 | 191 | -60 | 270 | 119 | 13 | 60 | 3 | 227 | 0.68 |
| PLC073 | RC | 698429 | 7671845 | 191 | -60 | 270 | 119 | 12 | 86 | 13 | 206 | 0.64 |
| PLC074 | RC | 698467 | 7671847 | 189 | -60 | 270 | 163 | 16 | 11 | 2 | 493 | 0.40 |
| PLC074 | RC | 698467 | 7671847 | 189 | -60 | 270 | 163 | 15 | 45 | 2 | 564 | 0.81 |
| PLC074 | RC | 698467 | 7671847 | 189 | -60 | 270 | 163 | 14 | 73 | 2 | 375 | 0.77 |
| PLC074 | RC | 698467 | 7671847 | 189 | -60 | 270 | 163 | 13 | 89 | 7 | 233 | 0.78 |
| PLC074 | RC | 698467 | 7671847 | 189 | -60 | 270 | 163 | 12 | 111 | 8 | 326 | 0.47 |
| PLC074 | RC | 698467 | 7671847 | 189 | -60 | 270 | 163 | 8 | 151 | 3 | 329 | 0.61 |
| PLC075 | RC | 698440 | 7671899 | 187 | -60 | 270 | 155 | 16 | 2 | 2 | 344 | |
| PLC075 | RC | 698440 | 7671899 | 187 | -60 | 270 | 155 | 15 | 17 | 1 | 1205 | |
| PLC075 | RC | 698440 | 7671899 | 187 | -60 | 270 | 155 | 14 | 49 | 2 | 208 | 0.04 |
| PLC075 | RC | 698440 | 7671899 | 187 | -60 | 270 | 155 | 13 | 55 | 4 | 279 | 0.12 |
| PLC075 | RC | 698440 | 7671899 | 187 | -60 | 270 | 155 | 12 | 84 | 13 | 183 | 0.78 |
| PLC075 | RC | 698440 | 7671899 | 187 | -60 | 270 | 155 | 8 | 122 | 2 | 436 | 0.33 |
| PLC076 | RC | 698407 | 7671714 | 194 | -60 | 270 | 161 | 15 | 0 | 1 | 206 | |
| PLC076 | RC | 698407 | 7671714 | 194 | -60 | 270 | 161 | 14 | 56 | 5 | 239 | 0.94 |
| PLC076 | RC | 698407 | 7671714 | 194 | -60 | 270 | 161 | 13 | 61 | 5 | 170 | 0.92 |
| PLC076 | RC | 698407 | 7671714 | 194 | -60 | 270 | 161 | 12 | 93 | 12 | 226 | 0.80 |
| PLC076 | RC | 698407 | 7671714 | 194 | -60 | 270 | 161 | 8 | 121 | 7 | 299 | 0.61 |
| PLS001 | RC | 698522 | 7673000 | 188 | -59.5 | 256.2 | 70 | *Not within resource zone* | | | | |
| PLS001A | RC | 698532 | 7673000 | 188 | -61.1 | 85.9 | 56 | *Not within resource zone* | | | | |
| PLS002 | RC | 698612 | 7672998 | 195 | -60.7 | 264.9 | 80 | *Not within resource zone* | | | | |
| PLS003 | RC | 698547 | 7672959 | 193 | -60.2 | 270.1 | 70 | *Not within resource zone* | | | | |
| PLS004 | RC | 698483 | 7672956 | 191 | -59.3 | 270.8 | 55 | 20 | 1 | 16 | 111 | 1.03 |
| PLS005 | RC | 698533 | 7672894 | 204 | -60.8 | 266.6 | 86 | 20 | 75 | 6 | 187 | 1.14 |
| PLS006 | RC | 698593 | 7672908 | 203 | -87.9 | 223.8 | 110 | *Not within resource zone* | | | | |
| PLS006A | RC | 698577 | 7672906 | 203 | -61.1 | 282 | 70 | 22 | 18 | 2 | 360 | 1.06 |
| PLS006A | RC | 698577 | 7672906 | 203 | -61.1 | 282 | 70 | 21 | 32 | 3 | 527 | 0.89 |
| PLS007 | RC | 698511 | 7672845 | 209 | -59.7 | 271.3 | 70 | 20 | 5 | 11 | 361 | 1.17 |
| PLS011 | RC | 698503 | 7672806 | 204 | -60.9 | 275 | 51 | *Not within resource zone* | | | | |
| PLS013 | RC | 698577 | 7672753 | 197 | -59.5 | 266.1 | 50 | *Not within resource zone* | | | | |

| HoleID | Hole Type | MGA Easting | MGA Northing | RL | Dip | MGA Azimuth | Hole Depth | Domain | Depth From | Interval Length | Ta2O5 ppm | Li2O pct[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PLS014 | RC | 698521 | 7672751 | 195 | -60.6 | 261.4 | 50 | *Not within resource zone* | | | | |
| PLS015 | RC | 698552 | 7672697 | 192 | -59.4 | 274.6 | 70 | *Not within resource zone* | | | | |
| PLS016 | RC | 698620 | 7672705 | 198 | -60.6 | 269.7 | 70 | 22 | 45 | 7 | 433 | 1.23 |
| PLS017 | RC | 698450 | 7672500 | 186 | -59 | 262 | 66 | 13 | 48 | 3 | 340 | 0.52 |
| PLS018 | RC | 698499 | 7672499 | 187 | -60.9 | 262 | 100 | *Not within resource zone* | | | | |
| PLS019 | RC | 698549 | 7672497 | 191 | -59.5 | 260 | 100 | 16 | 38 | 7 | 407 | 1.83 |
| PLS020 | RC | 698599 | 7672501 | 192 | -60 | 265 | 102 | 16 | 90 | 6 | 413 | 1.82 |
| PLS021 | RC | 698403 | 7672300 | 188 | -60 | 265 | 96 | *Not within resource zone* | | | | |
| PLS022 | RC | 698453 | 7672298 | 189 | -59.4 | 264.4 | 85 | 13 | 41 | 2 | 510 | 0.09 |
| PLS023 | RC | 698498 | 7672301 | 188 | -59.3 | 260.7 | 102 | 13 | 79 | 14 | 212 | 0.94 |
| PLS024 | RC | 698550 | 7672305 | 192 | -59.2 | 254.3 | 63 | 16 | 42 | 2 | 285 | 0.48 |
| PLS025 | RC | 698350 | 7672103 | 189 | -59.7 | 264.7 | 102 | *Not within resource zone* | | | | |
| PLS026 | RC | 698399 | 7672102 | 190 | -59.1 | 261.7 | 100 | 13 | 11 | 7 | 413 | 0.73 |
| PLS027 | RC | 698450 | 7672102 | 192 | -58.6 | 264.2 | 96 | 14 | 28 | 1 | 130 | 0.10 |
| PLS027 | RC | 698450 | 7672102 | 192 | -58.6 | 264.2 | 96 | 13 | 45 | 19 | 195 | 1.23 |
| PLS028 | RC | 698500 | 7672103 | 198 | -58.6 | 268.3 | 102 | 16 | 21 | 3 | 193 | 0.42 |
| PLS028 | RC | 698500 | 7672103 | 198 | -58.6 | 268.3 | 102 | 14 | 76 | 4 | 268 | 0.99 |
| PLS028 | RC | 698500 | 7672103 | 198 | -58.6 | 268.3 | 102 | 13 | 95 | 4 | 195 | 1.22 |
| PLS029 | RC | 698300 | 7671897 | 185 | -59.56 | 271.18 | 60 | 8 | 5 | 2 | 305 | 0.17 |
| PLS030 | RC | 698351 | 7671901 | 186 | -60.14 | 276.75 | 91 | 12 | 14 | 5 | 470 | 0.16 |
| PLS030 | RC | 698351 | 7671901 | 186 | -60.14 | 276.75 | 91 | 8 | 49 | 1 | 220 | 0.34 |
| PLS031 | RC | 698398 | 7671898 | 185 | -60.57 | 268.45 | 120 | 14 | 16 | 4 | 402 | 0.90 |
| PLS031 | RC | 698398 | 7671898 | 185 | -60.57 | 268.45 | 120 | 13 | 31 | 4 | 265 | 1.64 |
| PLS031 | RC | 698398 | 7671898 | 185 | -60.57 | 268.45 | 120 | 12 | 60 | 6 | 202 | 1.29 |
| PLS031 | RC | 698398 | 7671898 | 185 | -60.57 | 268.45 | 120 | 8 | 91 | 2 | 285 | 1.67 |
| PLS032 | RC | 698383 | 7671845 | 190 | -60.55 | 267.79 | 103 | 14 | 17 | 5 | 264 | 1.48 |
| PLS032 | RC | 698383 | 7671845 | 190 | -60.55 | 267.79 | 103 | 13 | 30 | 5 | 198 | 0.90 |
| PLS032 | RC | 698383 | 7671845 | 190 | -60.55 | 267.79 | 103 | 12 | 61 | 5 | 302 | 1.33 |
| PLS032 | RC | 698383 | 7671845 | 190 | -60.55 | 267.79 | 103 | 8 | 91 | 1 | 300 | 1.58 |
| PLS033 | RC | 698361 | 7671800 | 189 | -60.4 | 269.6 | 110 | 14 | 8 | 5 | 240 | 1.86 |
| PLS033 | RC | 698361 | 7671800 | 189 | -60.4 | 269.6 | 110 | 13 | 20 | 4 | 202 | 0.95 |
| PLS033 | RC | 698361 | 7671800 | 189 | -60.4 | 269.6 | 110 | 12 | 52 | 6 | 190 | 1.40 |
| PLS033 | RC | 698361 | 7671800 | 189 | -60.4 | 269.6 | 110 | 8 | 80 | 2 | 160 | 0.54 |
| PLS034 | RC | 698344 | 7671749 | 189 | -59.9 | 284.7 | 110 | 14 | 7 | 5 | 208 | 1.37 |
| PLS034 | RC | 698344 | 7671749 | 189 | -59.9 | 284.7 | 110 | 13 | 16 | 4 | 200 | 0.99 |

| HoleID | Hole Type | MGA Easting | MGA Northing | RL | Dip | MGA Azimuth | Hole Depth | Domain | Depth From | Interval Length | Ta2O5 ppm | Li2O pct[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PLS034 | RC | 698344 | 7671749 | 189 | -59.9 | 284.7 | 110 | 12 | 44 | 6 | 185 | 0.75 |
| PLS034 | RC | 698344 | 7671749 | 189 | -59.9 | 284.7 | 110 | 8 | 73 | 1 | 270 | 0.17 |
| PLS035 | RC | 698336 | 7671656 | 193 | -60.5 | 270.2 | 106 | 14 | 8 | 1 | 100 | 1.40 |
| PLS035 | RC | 698336 | 7671656 | 193 | -60.5 | 270.2 | 106 | 13 | 12 | 9 | 192 | 1.57 |
| PLS035 | RC | 698336 | 7671656 | 193 | -60.5 | 270.2 | 106 | 12 | 46 | 9 | 158 | 1.58 |
| PLS035 | RC | 698336 | 7671656 | 193 | -60.5 | 270.2 | 106 | 10 | 71 | 1 | 180 | 0.16 |
| PLS035 | RC | 698336 | 7671656 | 193 | -60.5 | 270.2 | 106 | 8 | 99 | 4 | 210 | 0.91 |
| PLS036 | RC | 698325 | 7671599 | 197 | -60.1 | 270 | 94 | 13 | 20 | 3 | 227 | 0.80 |
| PLS036 | RC | 698325 | 7671599 | 197 | -60.1 | 270 | 94 | 12 | 46 | 9 | 201 | 1.19 |
| PLS036 | RC | 698325 | 7671599 | 197 | -60.1 | 270 | 94 | 10 | 64 | 3 | 170 | 0.29 |
| PLS036 | RC | 698325 | 7671599 | 197 | -60.1 | 270 | 94 | 8 | 83 | 5 | 408 | 1.48 |
| PLS037 | RC | 698248 | 7671597 | 199 | -59.2 | 266.5 | 43 | 10 | 0 | 2 | 350 | 1.20 |
| PLS037 | RC | 698248 | 7671597 | 199 | -59.2 | 266.5 | 43 | 8 | 35 | 4 | 272 | 0.63 |
| PLS038 | RC | 698347 | 7671542 | 202 | -60.1 | 259.4 | 100 | 13 | 43 | 9 | 204 | 1.72 |
| PLS038 | RC | 698347 | 7671542 | 202 | -60.1 | 259.4 | 100 | 12 | 64 | 8 | 218 | 1.27 |
| PLS038 | RC | 698347 | 7671542 | 202 | -60.1 | 259.4 | 100 | 10 | 82 | 12 | 301 | 1.55 |
| PLS039 | RC | 698293 | 7671549 | 198 | -60.4 | 268.2 | 61 | 13 | 0 | 4 | 405 | 0.83 |
| PLS039 | RC | 698293 | 7671549 | 198 | -60.4 | 268.2 | 61 | 12 | 12 | 2 | 185 | 1.51 |
| PLS039 | RC | 698293 | 7671549 | 198 | -60.4 | 268.2 | 61 | 10 | 26 | 7 | 229 | 0.98 |
| PLS040 | RC | 698298 | 7671498 | 203 | -58.2 | 262.4 | 100 | 13 | 16 | 5 | 174 | 0.95 |
| PLS040 | RC | 698298 | 7671498 | 203 | -58.2 | 262.4 | 100 | 12 | 36 | 6 | 187 | 1.85 |
| PLS040 | RC | 698298 | 7671498 | 203 | -58.2 | 262.4 | 100 | 11 | 42 | 4 | 188 | 0.62 |
| PLS040 | RC | 698298 | 7671498 | 203 | -58.2 | 262.4 | 100 | 10 | 56 | 3 | 77 | 0.82 |
| PLS040 | RC | 698298 | 7671498 | 203 | -58.2 | 262.4 | 100 | 8 | 83 | 11 | 431 | 1.19 |
| PLS041 | RC | 698246 | 7671498 | 193 | -60.5 | 270.3 | 68 | 10 | 14 | 1 | 120 | 1.08 |
| PLS041 | RC | 698246 | 7671498 | 193 | -60.5 | 270.3 | 68 | 8 | 34 | 2 | 295 | 0.15 |
| PLS042 | RC | 698233 | 7671447 | 193 | -60 | 270 | 48 | 11 | 1 | 1 | 160 | 0.14 |
| PLS042 | RC | 698233 | 7671447 | 193 | -60 | 270 | 48 | 10 | 6 | 1 | 160 | 0.07 |
| PLS042 | RC | 698233 | 7671447 | 193 | -60 | 270 | 48 | 8 | 19 | 2 | 255 | 1.04 |
| PLS043 | RC | 698335 | 7671447 | 212 | -60 | 270 | 126 | 13 | 47 | 9 | 174 | 1.39 |
| PLS043 | RC | 698335 | 7671447 | 212 | -60 | 270 | 126 | 12 | 60 | 12 | 263 | 1.91 |
| PLS043 | RC | 698335 | 7671447 | 212 | -60 | 270 | 126 | 11 | 74 | 4 | 362 | 2.11 |
| PLS043 | RC | 698335 | 7671447 | 212 | -60 | 270 | 126 | 10 | 91 | 2 | 230 | 2.10 |
| PLS043 | RC | 698335 | 7671447 | 212 | -60 | 270 | 126 | 8 | 119 | 2 | 220 | 1.52 |
| PLS044 | RC | 698291 | 7671380 | 198 | -60 | 268 | 90 | 13 | 13 | 7 | 217 | 1.13 |

| HoleID | Hole Type | MGA Easting | MGA Northing | RL | Dip | MGA Azimuth | Hole Depth | Domain | Depth From | Interval Length | Ta2O5 ppm | Li2O pct[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PLS044 | RC | 698291 | 7671380 | 198 | -60 | 268 | 90 | 12 | 22 | 17 | 218 | 1.32 |
| PLS044 | RC | 698291 | 7671380 | 198 | -60 | 268 | 90 | 10 | 45 | 3 | 163 | 1.00 |
| PLS044 | RC | 698291 | 7671380 | 198 | -60 | 268 | 90 | 9 | 61 | 3 | 357 | 1.78 |
| PLS044 | RC | 698291 | 7671380 | 198 | -60 | 268 | 90 | 8 | 69 | 3 | 427 | 1.16 |
| PLS045 | RC | 698178 | 7671248 | 191 | -59.9 | 268.6 | 60 | 7 | 7 | 2 | 125 | 2.77 |
| PLS045 | RC | 698178 | 7671248 | 191 | -59.9 | 268.6 | 60 | 6 | 25 | 10 | 214 | 1.23 |
| PLS046A | RC | 698310 | 7671250 | 215 | -60 | 267 | 108 | 12 | 39 | 18 | 181 | 1.82 |
| PLS046A | RC | 698310 | 7671250 | 215 | -60 | 267 | 108 | 9 | 85 | 6 | 275 | 1.39 |
| PLS046A | RC | 698310 | 7671250 | 215 | -60 | 267 | 108 | 8 | 96 | 3 | 247 | 1.20 |
| PLS047 | RC | 698323 | 7671089 | 215 | -59.8 | 275 | 112 | 12 | 67 | 7 | 266 | 1.58 |
| PLS047 | RC | 698323 | 7671089 | 215 | -59.8 | 275 | 112 | 9 | 81 | 1 | 200 | 0.60 |
| PLS047 | RC | 698323 | 7671089 | 215 | -59.8 | 275 | 112 | 8 | 105 | 1 | 170 | 1.09 |
| PLS048 | RC | 698229 | 7671087 | 212 | -60 | 274 | 110 | 12 | 13 | 1 | 190 | 1.68 |
| PLS048 | RC | 698229 | 7671087 | 212 | -60 | 274 | 110 | 9 | 17 | 1 | 310 | 0.25 |
| PLS048 | RC | 698229 | 7671087 | 212 | -60 | 274 | 110 | 8 | 33 | 8 | 181 | 2.09 |
| PLS048 | RC | 698229 | 7671087 | 212 | -60 | 274 | 110 | 6 | 76 | 16 | 311 | 1.25 |
| PLS049 | RC | 698174 | 7671030 | 202 | -89.9 | 342.6 | 60 | 3 | 0 | 22 | 190 | 1.54 |
| PLS049 | RC | 698174 | 7671030 | 202 | -89.9 | 342.6 | 60 | 4 | 36 | 6 | 380 | 1.62 |
| PLS050 | RC | 698211 | 7670992 | 204 | -60 | 270 | 80 | 3 | 16 | 26 | 187 | 1.85 |
| PLS051 | RC | 698268 | 7670941 | 199 | -60 | 260 | 72 | 3 | 47 | 20 | 214 | 1.94 |
| PLS052 | RC | 698223 | 7670896 | 188 | -60 | 270 | 50 | 3 | 0 | 13 | 209 | 1.45 |
| PLS053 | RC | 698278 | 7670901 | 191 | -60 | 270 | 96 | 3 | 64 | 14 | 172 | 1.33 |
| PLS054 | RC | 698221 | 7670800 | 197 | -60 | 270 | 100 | 3 | 9 | 3 | 207 | 0.84 |
| PLS054 | RC | 698221 | 7670800 | 197 | -60 | 270 | 100 | 4 | 34 | 1 | 40 | 0.20 |
| PLS055 | RC | 698278 | 7670799 | 204 | -60 | 270 | 102 | 2 | 10 | 2 | 260 | 1.04 |
| PLS055 | RC | 698278 | 7670799 | 204 | -60 | 270 | 102 | 3 | 55 | 13 | 209 | 1.19 |
| PLS055 | RC | 698278 | 7670799 | 204 | -60 | 270 | 102 | 4 | 86 | 8 | 135 | 0.96 |
| PLS056 | RC | 698251 | 7670700 | 195 | -60 | 263 | 96 | 3 | 0 | 2 | 90 | 0.04 |
| PLS056 | RC | 698251 | 7670700 | 195 | -60 | 263 | 96 | 4 | 39 | 2 | 170 | 1.09 |
| PLS057 | RC | 698304 | 7670699 | 198 | -60 | 265 | 96 | 2 | 19 | 2 | 185 | 1.02 |
| PLS057 | RC | 698304 | 7670699 | 198 | -60 | 265 | 96 | 3 | 39 | 7 | 173 | 0.98 |
| PLS057 | RC | 698304 | 7670699 | 198 | -60 | 265 | 96 | 4 | 85 | 2 | 155 | 0.20 |
| PLS058 | RC | 698347 | 7670701 | 202 | -58.5 | 265 | 100 | 2 | 34 | 1 | 350 | 1.35 |
| PLS058 | RC | 698347 | 7670701 | 202 | -58.5 | 265 | 100 | 3 | 54 | 4 | 250 | 1.42 |
| PLS059 | RC | 698308 | 7670625 | 199 | -63.7 | 270 | 97 | 2 | 0 | 7 | 236 | 1.15 |

| HoleID | Hole Type | MGA Easting | MGA Northing | RL | Dip | MGA Azimuth | Hole Depth | Domain | Depth From | Interval Length | Ta2O5 ppm | Li2O pct[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PLS059 | RC | 698308 | 7670625 | 199 | -63.7 | 270 | 97 | 3 | 49 | 1 | 80 | 0.06 |
| PLS059 | RC | 698308 | 7670625 | 199 | -63.7 | 270 | 97 | 4 | 93 | 2 | 100 | 0.56 |
| PLS060 | RC | 698348 | 7670622 | 199 | -60.7 | 266 | 100 | 2 | 17 | 9 | 201 | 1.41 |
| PLS060 | RC | 698348 | 7670622 | 199 | -60.7 | 266 | 100 | 3 | 82 | 7 | 110 | 1.21 |
| PLS061 | RC | 698385 | 7670626 | 201 | -60 | 260 | 100 | 2 | 46 | 5 | 218 | 1.28 |
| PLS062 | RC | 698308 | 7670547 | 202 | -60 | 264 | 100 | 3 | 42 | 2 | 205 | 0.72 |
| PLS062 | RC | 698308 | 7670547 | 202 | -60 | 264 | 100 | 4 | 91 | 2 | 65 | 0.63 |
| PLS063 | RC | 698348 | 7670550 | 204 | -60 | 262 | 100 | 2 | 11 | 4 | 215 | 0.82 |
| PLS063 | RC | 698348 | 7670550 | 204 | -60 | 262 | 100 | 3 | 67 | 8 | 139 | 1.95 |
| PLS064 | RC | 698396 | 7670551 | 209 | -60 | 260 | 100 | 2 | 37 | 3 | 343 | 0.99 |
| PLS065 | RC | 697952 | 7670998 | 190 | -59.9 | 272.7 | 100 | 1 | 7 | 4 | 235 | 1.16 |
| PLS066 | RC | 697969 | 7670895 | 203 | -59.5 | 262.5 | 100 | 1 | 11 | 8 | 265 | 1.01 |
| PLS067 | RC | 697951 | 7670846 | 200 | -62.4 | 263.9 | 73 | 1 | 21 | 6 | 263 | 1.09 |
| PLS068 | RC | 697994 | 7670848 | 199 | -62.3 | 265.3 | 100 | 1 | 29 | 5 | 306 | 0.65 |
| PLS069 | RC | 697974 | 7670746 | 202 | -59.4 | 269.4 | 100 | 1 | 9 | 12 | 202 | 1.24 |
| PLS070 | RC | 697973 | 7670674 | 211 | -60.7 | 267.7 | 100 | 1 | 17 | 16 | 164 | 0.74 |
| PLS071 | RC | 697959 | 7670597 | 224 | -59.1 | 265.3 | 100 | 1 | 19 | 21 | 210 | 0.31 |
| PLS072 | RC | 698000 | 7670545 | 225 | -58.9 | 271.7 | 79 | 1 | 25 | 29 | 189 | 1.41 |
| PLS073 | RC | 698051 | 7670498 | 225 | -59.9 | 260.7 | 103 | 1 | 59 | 23 | 132 | 1.82 |
| PLS073A | RC | 698000 | 7670496 | 229 | -59.4 | 267.2 | 80 | 1 | 22 | 20 | 192 | 1.39 |
| PLS074 | RC | 698046 | 7670452 | 225 | -59.5 | 258.2 | 73 | 1 | 56 | 12 | 145 | 1.09 |
| PLS075 | RC | 698050 | 7670400 | 216 | -61.5 | 259.8 | 100 | 1 | 58 | 28 | 109 | 1.45 |
| PLS076 | RC | 698059 | 7670358 | 210 | -61.8 | 260.5 | 120 | 1 | 55 | 27 | 86 | 1.01 |
| PLS076 | RC | 698059 | 7670358 | 210 | -61.8 | 260.5 | 120 | 31 | 106 | 2 | 120 | 1.04 |
| PLS077 | RC | 697804 | 7669901 | 184 | -58.2 | 264.9 | 100 | 36 | 0 | 15 | 127 | 0.44 |
| PLS077 | RC | 697804 | 7669901 | 184 | -58.2 | 264.9 | 100 | 38 | 67 | 2 | 55 | 0.55 |
| PLS078 | RC | 697847 | 7669901 | 185 | -57.5 | 268.8 | 100 | 36 | 0 | 37 | 113 | 1.55 |
| PLS078 | RC | 697847 | 7669901 | 185 | -57.5 | 268.8 | 100 | 38 | 93 | 3 | 67 | 0.87 |
| PLS079 | RC | 697900 | 7669898 | 185 | -59.5 | 265.4 | 100 | 35 | 9 | 7 | 183 | 1.63 |
| PLS079 | RC | 697900 | 7669898 | 185 | -59.5 | 265.4 | 100 | 36 | 26 | 25 | 88 | 1.51 |
| PLS080 | RC | 697948 | 7669897 | 185 | -60 | 272.9 | 100 | 34 | 1 | 12 | 82 | 1.17 |
| PLS080 | RC | 697948 | 7669897 | 185 | -60 | 272.9 | 100 | 35 | 29 | 2 | 300 | 1.37 |
| PLS080 | RC | 697948 | 7669897 | 185 | -60 | 272.9 | 100 | 36 | 35 | 28 | 111 | 1.21 |
| PLS081 | RC | 697801 | 7669797 | 185 | -58.36 | 269.83 | 100 | 38 | 44 | 8 | 70 | 1.72 |
| PLS082 | RC | 697844 | 7669797 | 184 | -61.41 | 265.53 | 100 | 36 | 0 | 4 | 48 | 1.07 |

| HoleID | Hole Type | MGA Easting | MGA Northing | RL | Dip | MGA Azimuth | Hole Depth | Domain | Depth From | Interval Length | Ta2O5 ppm | Li2O pct[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PLS082 | RC | 697844 | 7669797 | 184 | -61.41 | 265.53 | 100 | 38 | 53 | 6 | 32 | 0.70 |
| PLS083 | RC | 697896 | 7669798 | 185 | -59.44 | 266.4 | 100 | 36 | 8 | 20 | 66 | 0.95 |
| PLS083 | RC | 697896 | 7669798 | 185 | -59.44 | 266.4 | 100 | 38 | 67 | 2 | 45 | 0.75 |
| PLS084 | RC | 697944 | 7669797 | 185 | -60.64 | 267.25 | 100 | 35 | 11 | 5 | 100 | 1.14 |
| PLS084 | RC | 697944 | 7669797 | 185 | -60.64 | 267.25 | 100 | 36 | 16 | 25 | 48 | 1.63 |
| PLS084 | RC | 697944 | 7669797 | 185 | -60.64 | 267.25 | 100 | 38 | 68 | 1 | 60 | 1.06 |
| PLS085 | RC | 697996 | 7669794 | 185 | -60.2 | 266.45 | 100 | 34 | 0 | 12 | 141 | 1.02 |
| PLS085 | RC | 697996 | 7669794 | 185 | -60.2 | 266.45 | 100 | 35 | 27 | 2 | 35 | 1.09 |
| PLS085 | RC | 697996 | 7669794 | 185 | -60.2 | 266.45 | 100 | 36 | 57 | 10 | 99 | 0.96 |
| PLS086 | RC | 698047 | 7669796 | 185 | -59.69 | 274.74 | 103 | 34 | 9 | 25 | 87 | 1.19 |
| PLS086 | RC | 698047 | 7669796 | 185 | -59.69 | 274.74 | 103 | 36 | 74 | 19 | 68 | 0.86 |
| PLS087 | RC | 698101 | 7669794 | 185 | -59.78 | 271.54 | 100 | 34 | 41 | 18 | 70 | 1.33 |
| PLS088 | RC | 697960 | 7669598 | 187 | -59.98 | 264.6 | 100 | 45 | 4 | 4 | 60 | 1.36 |
| PLS089 | RC | 698002 | 7669598 | 187 | -59.13 | 264.97 | 100 | 45 | 11 | 5 | 66 | 0.66 |
| PLS090 | RC | 698058 | 7669596 | 189 | -60.2 | 262.67 | 100 | 42 | 7 | 13 | 47 | 1.20 |
| PLS090 | RC | 698058 | 7669596 | 189 | -60.2 | 262.67 | 100 | 45 | 62 | 3 | 83 | 0.89 |
| PLS091 | RC | 698106 | 7669598 | 187 | -61.06 | 264.12 | 100 | 42 | 38 | 8 | 55 | 1.19 |
| PLS091 | RC | 698106 | 7669598 | 187 | -61.06 | 264.12 | 100 | 45 | 77 | 10 | 66 | 1.19 |
| PLS092 | RC | 698143 | 7669607 | 185 | -59.81 | 269.45 | 116 | 45 | 97 | 14 | 55 | 1.26 |
| PLS093 | RC | 698200 | 7669599 | 187 | -59.1 | 265.48 | 100 | 40 | 18 | 4 | 52 | 1.16 |
| PLS093A | RC | 698249 | 7669595 | 188 | -59.89 | 271.15 | 127 | 40 | 50 | 4 | 65 | 0.58 |
| PLS093A | RC | 698249 | 7669595 | 188 | -59.89 | 271.15 | 127 | 42 | 111 | 10 | 75 | 1.29 |
| PLS094 | RC | 697498 | 7669495 | 183 | -59.2 | 264.1 | 100 | *Not within resource zone* | | | | |
| PLS095 | RC | 697552 | 7669495 | 183 | -60.02 | 263.09 | 100 | *Not within resource zone* | | | | |
| PLS096 | RC | 697599 | 7669495 | 183 | -60.49 | 263.6 | 100 | *Not within resource zone* | | | | |
| PLS097 | RC | 697647 | 7669497 | 184 | -59.99 | 261.35 | 100 | *Not within resource zone* | | | | |
| PLS097A | RC | 697740 | 7669500 | 184 | -59.36 | 257.25 | 100 | *Not within resource zone* | | | | |
| PLS098 | RC | 697859 | 7669396 | 200 | -61.45 | 271.53 | 100 | *Not within resource zone* | | | | |
| PLS099 | RC | 697905 | 7669398 | 203 | -61 | 270.17 | 100 | 45 | 4 | 9 | 52 | 1.40 |
| PLS100 | RC | 697952 | 7669400 | 211 | -59.77 | 261.56 | 100 | 42 | 7 | 3 | 57 | 1.02 |
| PLS100 | RC | 697952 | 7669400 | 211 | -59.77 | 261.56 | 100 | 45 | 33 | 8 | 42 | 1.65 |
| PLS101 | RC | 697998 | 7669401 | 212 | -60.59 | 267.57 | 100 | 42 | 7 | 8 | 41 | 1.33 |
| PLS101 | RC | 697998 | 7669401 | 212 | -60.59 | 267.57 | 100 | 45 | 55 | 8 | 56 | 1.22 |
| PLS102 | RC | 698048 | 7669400 | 206 | -60.35 | 269.74 | 100 | 42 | 30 | 7 | 53 | 0.84 |
| PLS102 | RC | 698048 | 7669400 | 206 | -60.35 | 269.74 | 100 | 45 | 73 | 13 | 59 | 1.85 |

| HoleID | Hole Type | MGA Easting | MGA Northing | RL | Dip | MGA Azimuth | Hole Depth | Domain | Depth From | Interval Length | Ta2O5 ppm | Li2O pct[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PLS103 | RC | 698112 | 7669401 | 196 | -59.37 | 267.47 | 102 | 40 | 0 | 13 | 61 | 2.00 |
| PLS103 | RC | 698112 | 7669401 | 196 | -59.37 | 267.47 | 102 | 42 | 72 | 3 | 63 | 0.56 |
| PLS104 | RC | 698185 | 7669297 | 195 | -59.93 | 268.23 | 100 | 40 | 69 | 10 | 6 | 1.27 |
| PLS105 | RC | 697873 | 7669197 | 225 | -60.71 | 266.67 | 103 | 45 | 32 | 9 | 68 | 1.06 |
| PLS106 | RC | 697902 | 7669197 | 221 | -60.14 | 266.86 | 100 | 42 | 15 | 1 | 80 | 0.80 |
| PLS106 | RC | 697902 | 7669197 | 221 | -60.14 | 266.86 | 100 | 45 | 43 | 9 | 69 | 1.55 |
| PLS107 | RC | 697947 | 7669198 | 207 | -60.39 | 273.27 | 89 | 42 | 24 | 1 | 140 | 0.46 |
| PLS107 | RC | 697947 | 7669198 | 207 | -60.39 | 273.27 | 89 | 45 | 53 | 13 | 69 | 1.68 |
| PLS108 | RC | 697994 | 7669194 | 205 | -59.51 | 275.83 | 100 | 42 | 20 | 5 | 30 | 0.74 |
| PLS108 | RC | 697994 | 7669194 | 205 | -59.51 | 275.83 | 100 | 45 | 78 | 11 | 61 | 1.45 |
| PLS109 | RC | 698047 | 7669193 | 198 | -59.33 | 265 | 100 | 42 | 48 | 3 | 12 | 0.51 |
| PLS110 | RC | 698095 | 7669206 | 204 | -60.57 | 267.98 | 100 | 40 | 30 | 8 | 50 | 0.72 |
| PLS110 | RC | 698095 | 7669206 | 204 | -60.57 | 267.98 | 100 | 42 | 84 | 3 | 27 | 1.01 |
| PLS110A | RC | 698107 | 7669208 | 205 | -49.65 | 91.58 | 100 | *Not within resource zone* | | | | |
| PLS111 | RC | 697839 | 7669000 | 211 | -60.57 | 269.22 | 103 | 45 | 42 | 16 | 72 | 1.34 |
| PLS112 | RC | 697899 | 7668994 | 205 | -60.45 | 274.72 | 103 | 45 | 66 | 13 | 68 | 1.38 |
| PLS113 | RC | 698223 | 7671152 | 197 | -60 | 262 | 99 | 7 | 27 | 7 | 170 | 1.85 |
| PLS113 | RC | 698223 | 7671152 | 197 | -60 | 262 | 99 | 6 | 59 | 20 | 173 | 1.69 |
| PLS114 | RC | 698298 | 7671154 | 209 | -69.8 | 269 | 102 | *Not included in resource (twin hole)* | | | | |
| PLS114M-A | DDH | 698300 | 7671156 | 210 | -69.9 | 273.6 | 183.5 | 12 | 30 | 16 | 292 | 1.78 |
| PLS114M-A | DDH | 698300 | 7671156 | 210 | -69.9 | 273.6 | 183.5 | 9 | 74 | 2 | 265 | 1.21 |
| PLS114M-A | DDH | 698300 | 7671156 | 210 | -69.9 | 273.6 | 183.5 | 8 | 94 | 1 | 210 | 1.26 |
| PLS114M-A | DDH | 698300 | 7671156 | 210 | -69.9 | 273.6 | 183.5 | 7 | 121 | 11 | 191 | 1.76 |
| PLS114M-A | DDH | 698300 | 7671156 | 210 | -69.9 | 273.6 | 183.5 | 6 | 159 | 19 | 252 | 1.57 |
| PLS115 | RC | 698566 | 7672956 | 192 | -59.9 | 266.3 | 100 | 22 | 7 | 2 | 425 | 0.98 |
| PLS116 | RC | 698646 | 7672755 | 206 | -59.3 | 270.2 | 70 | 22 | 59 | 6 | 513 | 1.16 |
| PLS117 | RC | 698310 | 7671417 | 205 | -90 | 0 | 90 | 13 | 29 | 17 | 395 | 2.12 |
| PLS117 | RC | 698310 | 7671417 | 205 | -90 | 0 | 90 | 12 | 46 | 9 | 236 | 1.13 |
| PLS118 | RC | 698265 | 7671344 | 198 | -60 | 266 | 84 | 12 | 3 | 11 | 217 | 0.59 |
| PLS118 | RC | 698265 | 7671344 | 198 | -60 | 266 | 84 | 9 | 32 | 6 | 488 | 2.55 |
| PLS118 | RC | 698265 | 7671344 | 198 | -60 | 266 | 84 | 8 | 50 | 10 | 260 | 0.82 |
| PLS119 | RC | 698294 | 7671298 | 207 | -90 | 0 | 120 | 12 | 25 | 26 | 200 | 1.95 |
| PLS119 | RC | 698294 | 7671298 | 207 | -90 | 0 | 120 | 9 | 91 | 4 | 325 | 1.85 |
| PLS119 | RC | 698294 | 7671298 | 207 | -90 | 0 | 120 | 8 | 104 | 2 | 275 | 2.27 |
| PLS120 | RC | 697402 | 7669493 | 181 | -60 | 266 | 100 | *Not within resource zone* | | | | |

| HoleID | Hole Type | MGA Easting | MGA Northing | RL | Dip | MGA Azimuth | Hole Depth | Domain | Depth From | Interval Length | Ta2O5 ppm | Li2O pct[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PLS121 | RC | 697445 | 7669494 | 182 | -59.7 | 259.8 | 103 | *Not within resource zone* | | | | |
| PLS122 | RC | 698342 | 7671846 | 189 | -60 | 270 | 80 | 12 | 15 | 6 | 170 | 0.39 |
| PLS122 | RC | 698342 | 7671846 | 189 | -60 | 270 | 80 | 8 | 56 | 1 | 230 | 1.24 |
| PLS123 | RC | 698327 | 7671799 | 187 | -62.3 | 262.8 | 91 | 12 | 25 | 4 | 245 | 1.74 |
| PLS124 | RC | 698321 | 7671756 | 187 | -61.2 | 272 | 80 | 12 | 24 | 6 | 208 | 1.05 |
| PLS124 | RC | 698321 | 7671756 | 187 | -61.2 | 272 | 80 | 8 | 51 | 1 | 180 | 0.11 |
| PLS125 | RC | 698298 | 7671650 | 192 | -59.8 | 266 | 73 | 12 | 21 | 7 | 184 | 0.91 |
| PLS125 | RC | 698298 | 7671650 | 192 | -59.8 | 266 | 73 | 10 | 42 | 1 | 170 | 0.05 |
| PLS125 | RC | 698298 | 7671650 | 192 | -59.8 | 266 | 73 | 8 | 67 | 4 | 302 | 0.99 |
| PLS126 | RC | 698301 | 7671490 | 203 | -87.2 | 289.4 | 100 | 13 | 26 | 10 | 217 | 1.84 |
| PLS126 | RC | 698301 | 7671490 | 203 | -87.2 | 289.4 | 100 | 12 | 48 | 8 | 181 | 1.60 |
| PLS126 | RC | 698301 | 7671490 | 203 | -87.2 | 289.4 | 100 | 10 | 61 | 12 | 277 | 1.69 |
| PLS127 | RC | 698331 | 7671597 | 197 | -88.7 | 331.3 | 110 | 13 | 33 | 10 | 228 | 1.62 |
| PLS127 | RC | 698331 | 7671597 | 197 | -88.7 | 331.3 | 110 | 12 | 70 | 10 | 222 | 1.38 |
| PLS127 | RC | 698331 | 7671597 | 197 | -88.7 | 331.3 | 110 | 10 | 86 | 16 | 271 | 1.88 |
| PLS134 | RC | 698310 | 7667397 | 221 | -60.9 | 268.7 | 100 | *Not within resource zone* | | | | |
| PLS135 | RC | 698357 | 7667399 | 214 | -60 | 267.4 | 100 | *Not within resource zone* | | | | |
| PLS136 | RC | 698395 | 7667396 | 214 | -58.7 | 273.8 | 24 | *Not within resource zone* | | | | |
| PLS141 | RC | 697991 | 7667550 | 212 | -60 | 270 | 100 | 50 | 8 | 21 | 77 | 1.21 |
| PLS142 | RC | 698055 | 7667546 | 212 | -60 | 270 | 90 | 50 | 36 | 27 | 81 | 1.60 |
| PLS142A | RC | 698065 | 7667546 | 213 | -90 | 0 | 97 | 50 | 36 | 39 | 66 | 1.09 |
| PLS145 | RC | 698018 | 7667649 | 203 | -58.3 | 268.9 | 100 | 50 | 0 | 32 | 61 | 0.96 |
| PLS146 | RC | 698052 | 7667646 | 210 | -59 | 266.5 | 96 | 50 | 18 | 33 | 76 | 0.96 |
| PLS149 | RC | 698042 | 7667800 | 202 | -60 | 270 | 96 | 50 | 0 | 16 | 61 | 1.27 |
| PLS150 | RC | 698076 | 7667806 | 209 | -60.4 | 261.5 | 87 | *Not within resource zone* | | | | |
| PLS174 | RC | 697907 | 7669696 | 183 | -60 | 270 | 100 | *Not within resource zone* | | | | |
| PLS175 | RC | 697949 | 7669697 | 183 | -60 | 270 | 100 | *Not within resource zone* | | | | |
| PLS176 | RC | 698002 | 7669698 | 184 | -60 | 270 | 100 | *Not within resource zone* | | | | |
| PLS177 | RC | 698046 | 7669700 | 185 | -60 | 270 | 100 | *Not within resource zone* | | | | |
| PLS178 | RC | 698097 | 7669702 | 185 | -60.44 | 278.8 | 109 | *Not within resource zone* | | | | |
| PLS179 | RC | 698150 | 7669693 | 185 | -60.48 | 270 | 100 | *Not within resource zone* | | | | |
| PLS180 | RC | 698214 | 7669699 | 185 | -59.78 | 262.7 | 100 | *Not within resource zone* | | | | |
| PLS180A | RC | 698254 | 7669698 | 185 | -60.8 | 265 | 103 | *Not within resource zone* | | | | |
| PLS181 | RC | 698148 | 7669797 | 186 | -60 | 270 | 150 | 1 | 20 | 6 | 95 | 0.97 |
| PLS181 | RC | 698148 | 7669797 | 186 | -60 | 270 | 150 | 34 | 76 | 13 | 80 | 0.82 |

| HoleID | Hole Type | MGA Easting | MGA Northing | RL | Dip | MGA Azimuth | Hole Depth | Domain | Depth From | Interval Length | Ta2O5 ppm | Li2O pct[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PLS182 | RC | 698195 | 7669798 | 187 | -60 | 270 | 138 | 1 | 38 | 17 | 138 | 0.85 |
| PLS182 | RC | 698195 | 7669798 | 187 | -60 | 270 | 138 | 34 | 81 | 6 | 58 | 0.85 |
| PLS183 | RC | 698247 | 7669800 | 188 | -61.6 | 280.3 | 120 | 26 | 0 | 5 | 86 | 0.49 |
| PLS183 | RC | 698247 | 7669800 | 188 | -61.6 | 280.3 | 120 | 1 | 91 | 11 | 80 | 1.16 |
| PLS184 | RC | 698282 | 7669790 | 188 | -61.5 | 264.4 | 186 | 26 | 16 | 2 | 70 | 0.60 |
| PLS184 | RC | 698282 | 7669790 | 188 | -61.5 | 264.4 | 186 | 1 | 111 | 15 | 86 | 0.76 |
| PLS185 | RC | 697797 | 7669851 | 185 | -59.9 | 266.5 | 100 | 38 | 53 | 9 | 51 | 0.68 |
| PLS186 | RC | 697845 | 7669848 | 185 | -60.4 | 274.6 | 102 | 36 | 0 | 18 | 84 | 1.41 |
| PLS186 | RC | 697845 | 7669848 | 185 | -60.4 | 274.6 | 102 | 38 | 68 | 9 | 79 | 0.96 |
| PLS187 | RC | 697900 | 7669849 | 186 | -56.2 | 274.9 | 120 | 35 | 0 | 5 | 206 | 1.42 |
| PLS187 | RC | 697900 | 7669849 | 186 | -56.2 | 274.9 | 120 | 36 | 8 | 25 | 124 | 1.38 |
| PLS187 | RC | 697900 | 7669849 | 186 | -56.2 | 274.9 | 120 | 38 | 88 | 2 | 105 | 1.21 |
| PLS188 | RC | 697947 | 7669848 | 186 | -60 | 270 | 123 | 35 | 18 | 5 | 178 | 1.33 |
| PLS188 | RC | 697947 | 7669848 | 186 | -60 | 270 | 123 | 36 | 30 | 23 | 100 | 1.18 |
| PLS189 | RC | 697999 | 7669848 | 188 | -59 | 273.4 | 120 | 34 | 14 | 17 | 94 | 1.31 |
| PLS189 | RC | 697999 | 7669848 | 188 | -59 | 273.4 | 120 | 35 | 48 | 4 | 105 | 1.30 |
| PLS189 | RC | 697999 | 7669848 | 188 | -59 | 273.4 | 120 | 36 | 67 | 17 | 68 | 1.51 |
| PLS190 | RC | 698049 | 7669847 | 188 | -60.1 | 267.2 | 126 | 34 | 24 | 20 | 110 | 1.62 |
| PLS190 | RC | 698049 | 7669847 | 188 | -60.1 | 267.2 | 126 | 35 | 56 | 4 | 68 | 2.07 |
| PLS190 | RC | 698049 | 7669847 | 188 | -60.1 | 267.2 | 126 | 36 | 92 | 16 | 66 | 0.91 |
| PLS191 | RC | 698101 | 7669848 | 187 | -59.2 | 263.7 | 138 | 1 | 0 | 5 | 96 | 0.79 |
| PLS191 | RC | 698101 | 7669848 | 187 | -59.2 | 263.7 | 138 | 34 | 27 | 35 | 89 | 1.26 |
| PLS191 | RC | 698101 | 7669848 | 187 | -59.2 | 263.7 | 138 | 36 | 116 | 15 | 87 | 1.27 |
| PLS191A | RC | 698157 | 7669848 | 191 | -57.2 | 267.3 | 96 | 1 | 24 | 13 | 109 | 1.27 |
| PLS191A | RC | 698157 | 7669848 | 191 | -57.2 | 267.3 | 96 | 34 | 63 | 13 | 130 | 0.54 |
| PLS192 | RC | 698249 | 7669850 | 197 | -60 | 264.7 | 198 | 26 | 2 | 3 | 103 | 0.58 |
| PLS192 | RC | 698249 | 7669850 | 197 | -60 | 264.7 | 198 | 1 | 111 | 7 | 90 | 1.02 |
| PLS192 | RC | 698249 | 7669850 | 197 | -60 | 264.7 | 198 | 36 | 180 | 14 | 86 | 1.72 |
| PLS193 | RC | 698283 | 7669844 | 192 | -60 | 270 | 162 | 26 | 15 | 4 | 80 | 1.66 |
| PLS193 | RC | 698283 | 7669844 | 192 | -60 | 270 | 162 | 1 | 127 | 22 | 85 | 1.09 |
| PLS194 | RC | 698000 | 7669900 | 191 | -59.1 | 267 | 98 | 34 | 26 | 17 | 91 | 1.68 |
| PLS194 | RC | 698000 | 7669900 | 191 | -59.1 | 267 | 98 | 35 | 58 | 3 | 70 | 1.41 |
| PLS194 | RC | 698000 | 7669900 | 191 | -59.1 | 267 | 98 | 36 | 68 | 28 | 112 | 1.85 |
| PLS195 | RC | 698049 | 7669899 | 192 | -58.6 | 268.1 | 130 | 34 | 39 | 19 | 86 | 1.88 |
| PLS195 | RC | 698049 | 7669899 | 192 | -58.6 | 268.1 | 130 | 35 | 71 | 1 | 70 | 1.58 |

| HoleID | Hole Type | MGA Easting | MGA Northing | RL | Dip | MGA Azimuth | Hole Depth | Domain | Depth From | Interval Length | Ta2O5 ppm | Li2O pct[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PLS195 | RC | 698049 | 7669899 | 192 | -58.6 | 268.1 | 130 | 36 | 97 | 25 | 85 | 1.06 |
| PLS196 | RC | 698105 | 7669901 | 190 | -60.3 | 269.9 | 162 | 1 | 0 | 10 | 108 | 0.85 |
| PLS196 | RC | 698105 | 7669901 | 190 | -60.3 | 269.9 | 162 | 34 | 61 | 14 | 77 | 1.58 |
| PLS196 | RC | 698105 | 7669901 | 190 | -60.3 | 269.9 | 162 | 35 | 88 | 6 | 148 | 1.52 |
| PLS196 | RC | 698105 | 7669901 | 190 | -60.3 | 269.9 | 162 | 36 | 130 | 23 | 95 | 1.56 |
| PLS197M | DDH | 698153 | 7669897 | 195 | -59 | 265.6 | 186.5 | 1 | 37 | 10 | 162 | 1.75 |
| PLS197M | DDH | 698153 | 7669897 | 195 | -59 | 265.6 | 186.5 | 33 | 57 | 4 | 52 | 1.56 |
| PLS197M | DDH | 698153 | 7669897 | 195 | -59 | 265.6 | 186.5 | 34 | 107 | 10 | 110 | 1.72 |
| PLS197M | DDH | 698153 | 7669897 | 195 | -59 | 265.6 | 186.5 | 35 | 118 | 1 | 160 | 1.59 |
| PLS197M | DDH | 698153 | 7669897 | 195 | -59 | 265.6 | 186.5 | 36 | 166 | 15 | 69 | 1.42 |
| PLS199 | RC | 698283 | 7669900 | 201 | -60.2 | 269 | 180 | 26 | 7 | 5 | 138 | 1.71 |
| PLS199 | RC | 698283 | 7669900 | 201 | -60.2 | 269 | 180 | 1 | 136 | 25 | 80 | 1.42 |
| PLS200 | RC | 697754 | 7669952 | 187 | -60 | 270 | 100 | *Not within resource zone* | | | | |
| PLS201 | RC | 697798 | 7669947 | 189 | -60 | 270 | 48 | 36 | 0 | 24 | 90 | 1.77 |
| PLS202 | RC | 697852 | 7669947 | 193 | -60 | 270 | 78 | 36 | 9 | 46 | 96 | 1.66 |
| PLS203 | RC | 697893 | 7669948 | 195 | -60 | 270 | 90 | 34 | 11 | 4 | 200 | 1.59 |
| PLS203 | RC | 697893 | 7669948 | 195 | -60 | 270 | 90 | 36 | 26 | 48 | 126 | 1.66 |
| PLS204 | RC | 697948 | 7669949 | 192 | -60 | 270 | 108 | 34 | 25 | 7 | 143 | 1.58 |
| PLS204 | RC | 697948 | 7669949 | 192 | -60 | 270 | 108 | 36 | 48 | 29 | 156 | 1.49 |
| PLS205 | RC | 698012 | 7669945 | 191 | -60 | 270 | 130 | 34 | 39 | 21 | 81 | 1.78 |
| PLS205 | RC | 698012 | 7669945 | 191 | -60 | 270 | 130 | 36 | 88 | 28 | 105 | 1.66 |
| PLS206 | RC | 698048 | 7669949 | 194 | -60 | 270 | 150 | 33 | 22 | 1 | 100 | 0.08 |
| PLS206 | RC | 698048 | 7669949 | 194 | -60 | 270 | 150 | 34 | 52 | 23 | 82 | 1.45 |
| PLS206 | RC | 698048 | 7669949 | 194 | -60 | 270 | 150 | 36 | 110 | 26 | 107 | 1.44 |
| PLS207 | RC | 698099 | 7669942 | 194 | -60 | 270 | 168 | 1 | 3 | 14 | 118 | 0.81 |
| PLS207 | RC | 698099 | 7669942 | 194 | -60 | 270 | 168 | 34 | 73 | 23 | 90 | 1.82 |
| PLS207 | RC | 698099 | 7669942 | 194 | -60 | 270 | 168 | 36 | 137 | 25 | 102 | 0.73 |
| PLS208 | RC | 698147 | 7669949 | 199 | -60.4 | 262.8 | 150 | 1 | 39 | 14 | 94 | 1.66 |
| PLS208 | RC | 698147 | 7669949 | 199 | -60.4 | 262.8 | 150 | 33 | 68 | 12 | 76 | 1.79 |
| PLS208 | RC | 698147 | 7669949 | 199 | -60.4 | 262.8 | 150 | 34 | 129 | 12 | 178 | 1.53 |
| PLS210 | RC | 698294 | 7669951 | 214 | -62 | 269 | 186 | 26 | 8 | 8 | 76 | 1.79 |
| PLS210 | RC | 698294 | 7669951 | 214 | -62 | 269 | 186 | 1 | 155 | 28 | 81 | 1.75 |
| PLS211 | RC | 697749 | 7670000 | 189 | -60.4 | 272.6 | 48 | 36 | 0 | 5 | 66 | 0.49 |
| PLS212 | RC | 697799 | 7670000 | 190 | -58.8 | 271.1 | 87 | 36 | 0 | 37 | 111 | 1.55 |
| PLS213 | RC | 697848 | 7669998 | 199 | -59.3 | 268 | 96 | 36 | 32 | 37 | 126 | 1.27 |

| HoleID | Hole Type | MGA Easting | MGA Northing | RL | Dip | MGA Azimuth | Hole Depth | Domain | Depth From | Interval Length | $Ta_2O_5$ ppm | $Li_2O$ pct[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PLS214 | RC | 697897 | 7669984 | 199 | -60.1 | 267.7 | 100 | 33 | 0 | 3 | 63 | 0.41 |
| PLS214 | RC | 697897 | 7669984 | 199 | -60.1 | 267.7 | 100 | 34 | 24 | 2 | 160 | 1.39 |
| PLS214 | RC | 697897 | 7669984 | 199 | -60.1 | 267.7 | 100 | 36 | 42 | 43 | 122 | 1.54 |
| PLS215 | RC | 697948 | 7669996 | 200 | -59.3 | 274.7 | 120 | 33 | 0 | 10 | 75 | 1.29 |
| PLS215 | RC | 697948 | 7669996 | 200 | -59.3 | 274.7 | 120 | 34 | 38 | 8 | 171 | 2.27 |
| PLS215 | RC | 697948 | 7669996 | 200 | -59.3 | 274.7 | 120 | 36 | 57 | 53 | 118 | 1.67 |
| PLS215 | RC | 697948 | 7669996 | 200 | -59.3 | 274.7 | 120 | 98 | 88 | 4 | 75 | 0.24 |
| PLS216 | RC | 697992 | 7669994 | 191 | -60 | 272 | 130 | 33 | 1 | 9 | 99 | 1.49 |
| PLS216 | RC | 697992 | 7669994 | 191 | -60 | 272 | 130 | 34 | 43 | 21 | 78 | 1.73 |
| PLS216 | RC | 697992 | 7669994 | 191 | -60 | 272 | 130 | 36 | 90 | 30 | 99 | 1.60 |
| PLS216A | RC | 698031 | 7669998 | 194 | -72.3 | 270.5 | 144 | 33 | 19 | 4 | 108 | 1.72 |
| PLS216A | RC | 698031 | 7669998 | 194 | -72.3 | 270.5 | 144 | 34 | 61 | 25 | 100 | 1.60 |
| PLS216A | RC | 698031 | 7669998 | 194 | -72.3 | 270.5 | 144 | 36 | 120 | 21 | 111 | 1.65 |
| PLS217 | RC | 698102 | 7670019 | 209 | -57.6 | 254.6 | 78 | 1 | 23 | 23 | 133 | 0.52 |
| PLS218 | RC | 698153 | 7670019 | 205 | -57.8 | 271.1 | 100 | 1 | 54 | 19 | 91 | 0.47 |
| PLS219 | RC | 698221 | 7669998 | 220 | -60.6 | 269 | 150 | 26 | 5 | 7 | 126 | 1.17 |
| PLS219 | RC | 698221 | 7669998 | 220 | -60.6 | 269 | 150 | 1 | 109 | 25 | 101 | 1.05 |
| PLS220 | RC | 698282 | 7669997 | 225 | -59.4 | 269 | 186 | 26 | 17 | 6 | 127 | 0.95 |
| PLS220 | RC | 698282 | 7669997 | 225 | -59.4 | 269 | 186 | 1 | 155 | 23 | 92 | 1.15 |
| PLS221 | RC | 697727 | 7670048 | 192 | -61.2 | 270.5 | 96 | 36 | 0 | 35 | 82 | 0.33 |
| PLS222 | RC | 697820 | 7670051 | 197 | -59.8 | 266.4 | 78 | 36 | 18 | 51 | 120 | 1.50 |
| PLS223 | RC | 697865 | 7670052 | 208 | -58.5 | 263.9 | 114 | 33 | 19 | 4 | 132 | 0.08 |
| PLS223 | RC | 697865 | 7670052 | 208 | -58.5 | 263.9 | 114 | 36 | 52 | 47 | 132 | 1.67 |
| PLS226 | RC | 698100 | 7670047 | 211 | -59.7 | 267.5 | 72 | 1 | 22 | 22 | 123 | 1.89 |
| PLS227 | RC | 698160 | 7670063 | 219 | -60 | 269.3 | 204 | 1 | 65 | 31 | 119 | 1.37 |
| PLS227 | RC | 698160 | 7670063 | 219 | -60 | 269.3 | 204 | 34 | 139 | 15 | 166 | 0.32 |
| PLS228 | RC | 698225 | 7670050 | 227 | -59.3 | 261.2 | 86 | 26 | 1 | 5 | 124 | 1.27 |
| PLS229 | RC | 698268 | 7670051 | 239 | -60.3 | 269 | 192 | 1 | 166 | 21 | 117 | 0.17 |
| PLS230 | RC | 697690 | 7670095 | 196 | -58.9 | 270.5 | 60 | 36 | 6 | 13 | 301 | 1.19 |
| PLS231 | RC | 697910 | 7670101 | 210 | -61.8 | 266.8 | 132 | 31 | 3 | 3 | 133 | 0.95 |
| PLS231 | RC | 697910 | 7670101 | 210 | -61.8 | 266.8 | 132 | 33 | 44 | 12 | 98 | 1.83 |
| PLS231 | RC | 697910 | 7670101 | 210 | -61.8 | 266.8 | 132 | 36 | 89 | 38 | 96 | 1.03 |
| PLS232 | RC | 697954 | 7670109 | 212 | -61.3 | 267.1 | 146 | 31 | 9 | 3 | 153 | 1.11 |
| PLS232 | RC | 697954 | 7670109 | 212 | -61.3 | 267.1 | 146 | 33 | 49 | 8 | 198 | 1.16 |
| PLS232 | RC | 697954 | 7670109 | 212 | -61.3 | 267.1 | 146 | 36 | 101 | 35 | 113 | 1.54 |

| HoleID | Hole Type | MGA Easting | MGA Northing | RL | Dip | MGA Azimuth | Hole Depth | Domain | Depth From | Interval Length | Ta2O5 ppm | Li2O pct[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PLS233 | RC | 698078 | 7670099 | 211 | -59.4 | 264.4 | 70 | 1 | 6 | 24 | 150 | 1.32 |
| PLS233 | RC | 698078 | 7670099 | 211 | -59.4 | 264.4 | 70 | 31 | 39 | 3 | 117 | 2.30 |
| PLS234 | RC | 698126 | 7670090 | 220 | -58.8 | 256.4 | 100 | 1 | 40 | 26 | 102 | 1.54 |
| PLS235 | RC | 698245 | 7670102 | 244 | -58.3 | 267.4 | 100 | 25 | 46 | 3 | 177 | 1.18 |
| PLS236 | RC | 698271 | 7670097 | 241 | -60 | 269 | 204 | 25 | 54 | 6 | 168 | 0.69 |
| PLS236 | RC | 698271 | 7670097 | 241 | -60 | 269 | 204 | 1 | 178 | 24 | 118 | 1.19 |
| PLS238 | RC | 697914 | 7670140 | 218 | -59.5 | 275.7 | 156 | 31 | 15 | 5 | 150 | 2.16 |
| PLS238 | RC | 697914 | 7670140 | 218 | -59.5 | 275.7 | 156 | 34 | 66 | 10 | 164 | 1.82 |
| PLS238 | RC | 697914 | 7670140 | 218 | -59.5 | 275.7 | 156 | 36 | 115 | 34 | 106 | 0.99 |
| PLS239 | RC | 697947 | 7670149 | 209 | -58.7 | 276.1 | 162 | 31 | 15 | 5 | 168 | 1.99 |
| PLS239 | RC | 697947 | 7670149 | 209 | -58.7 | 276.1 | 162 | 34 | 64 | 12 | 78 | 2.20 |
| PLS239 | RC | 697947 | 7670149 | 209 | -58.7 | 276.1 | 162 | 36 | 112 | 38 | 96 | 0.97 |
| PLS240 | RC | 698072 | 7670144 | 203 | -60.1 | 272.4 | 162 | 1 | 4 | 28 | 165 | 1.38 |
| PLS240 | RC | 698072 | 7670144 | 203 | -60.1 | 272.4 | 162 | 31 | 39 | 3 | 90 | 1.30 |
| PLS240 | RC | 698072 | 7670144 | 203 | -60.1 | 272.4 | 162 | 32 | 58 | 2 | 60 | 2.23 |
| PLS240 | RC | 698072 | 7670144 | 203 | -60.1 | 272.4 | 162 | 33 | 72 | 4 | 95 | 1.59 |
| PLS240 | RC | 698072 | 7670144 | 203 | -60.1 | 272.4 | 162 | 34 | 108 | 25 | 72 | 1.29 |
| PLS241 | RC | 698080 | 7670143 | 203 | -76.5 | 263.2 | 180 | 1 | 8 | 30 | 150 | 1.34 |
| PLS241 | RC | 698080 | 7670143 | 203 | -76.5 | 263.2 | 180 | 32 | 59 | 1 | 70 | 1.67 |
| PLS241 | RC | 698080 | 7670143 | 203 | -76.5 | 263.2 | 180 | 33 | 67 | 8 | 82 | 1.51 |
| PLS241 | RC | 698080 | 7670143 | 203 | -76.5 | 263.2 | 180 | 34 | 109 | 18 | 74 | 1.41 |
| PLS242 | RC | 698167 | 7670152 | 231 | -59.4 | 269 | 124 | 25 | 3 | 2 | 165 | 1.13 |
| PLS242 | RC | 698167 | 7670152 | 231 | -59.4 | 269 | 124 | 1 | 91 | 27 | 85 | 1.70 |
| PLS243 | RC | 698222 | 7670149 | 242 | -60 | 269 | 174 | 25 | 39 | 6 | 173 | 1.73 |
| PLS243 | RC | 698222 | 7670149 | 242 | -60 | 269 | 174 | 1 | 145 | 22 | 106 | 1.33 |
| PLS244 | RC | 698354 | 7670151 | 231 | -60.6 | 269.8 | 108 | 2 | 4 | 4 | 272 | 2.13 |
| PLS244 | RC | 698354 | 7670151 | 231 | -60.6 | 269.8 | 108 | 25 | 100 | 5 | 102 | 1.89 |
| PLS245 | RC | 698399 | 7670151 | 231 | -57.8 | 273.3 | 100 | 2 | 22 | 1 | 180 | 0.13 |
| PLS247 | RC | 698048 | 7670202 | 222 | -59.4 | 270.4 | 90 | 1 | 9 | 33 | 139 | 1.65 |
| PLS247 | RC | 698048 | 7670202 | 222 | -59.4 | 270.4 | 90 | 31 | 68 | 3 | 80 | 1.33 |
| PLS247 | RC | 698048 | 7670202 | 222 | -59.4 | 270.4 | 90 | 32 | 75 | 3 | 80 | 1.67 |
| PLS248 | RC | 698097 | 7670202 | 225 | -60 | 260.4 | 114 | 1 | 43 | 33 | 135 | 1.61 |
| PLS248 | RC | 698097 | 7670202 | 225 | -60 | 260.4 | 114 | 31 | 89 | 2 | 165 | 1.42 |
| PLS248 | RC | 698097 | 7670202 | 225 | -60 | 260.4 | 114 | 32 | 95 | 3 | 107 | 1.84 |
| PLS248 | RC | 698097 | 7670202 | 225 | -60 | 260.4 | 114 | 33 | 104 | 3 | 100 | 1.66 |

| HoleID | Hole Type | MGA Easting | MGA Northing | RL | Dip | MGA Azimuth | Hole Depth | Domain | Depth From | Interval Length | Ta2O5 ppm | Li2O pct[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PLS249 | RC | 698181 | 7670201 | 236 | -60 | 269 | 150 | 1 | 112 | 26 | 114 | 1.17 |
| PLS250 | RC | 698228 | 7670198 | 240 | -60 | 280.6 | 198 | 25 | 43 | 2 | 135 | 0.75 |
| PLS250 | RC | 698228 | 7670198 | 240 | -60 | 280.6 | 198 | 28 | 142 | 1 | 110 | 0.96 |
| PLS250 | RC | 698228 | 7670198 | 240 | -60 | 280.6 | 198 | 1 | 167 | 24 | 111 | 1.38 |
| PLS255 | RC | 698082 | 7670239 | 228 | -61.1 | 259.6 | 166 | 1 | 45 | 32 | 134 | 1.77 |
| PLS255 | RC | 698082 | 7670239 | 228 | -61.1 | 259.6 | 166 | 31 | 91 | 5 | 78 | 1.60 |
| PLS255 | RC | 698082 | 7670239 | 228 | -61.1 | 259.6 | 166 | 32 | 100 | 3 | 80 | 1.64 |
| PLS255 | RC | 698082 | 7670239 | 228 | -61.1 | 259.6 | 166 | 34 | 145 | 16 | 88 | 1.87 |
| PLS256 | RC | 698175 | 7670254 | 236 | -60.7 | 254 | 168 | 25 | 10 | 3 | 143 | 1.22 |
| PLS256 | RC | 698175 | 7670254 | 236 | -60.7 | 254 | 168 | 28 | 120 | 7 | 76 | 1.47 |
| PLS256 | RC | 698175 | 7670254 | 236 | -60.7 | 254 | 168 | 1 | 135 | 16 | 145 | 1.23 |
| PLS257 | RC | 698226 | 7670250 | 235 | -60 | 273.1 | 168 | 25 | 44 | 5 | 166 | 1.10 |
| PLS257 | RC | 698226 | 7670250 | 235 | -60 | 273.1 | 168 | 28 | 143 | 9 | 103 | 1.82 |
| PLS259 | RC | 698006 | 7670301 | 208 | -59.6 | 270.6 | 96 | 1 | 2 | 23 | 124 | 0.87 |
| PLS259 | RC | 698006 | 7670301 | 208 | -59.6 | 270.6 | 96 | 31 | 56 | 3 | 93 | 1.22 |
| PLS260 | RC | 698049 | 7670302 | 215 | -60 | 271.8 | 96 | 1 | 30 | 31 | 126 | 1.44 |
| PLS260 | RC | 698049 | 7670302 | 215 | -60 | 271.8 | 96 | 31 | 86 | 6 | 73 | 1.58 |
| PLS261 | RC | 698368 | 7670351 | 224 | -57.6 | 269.2 | 100 | 2 | 3 | 8 | 236 | 0.97 |
| PLS261 | RC | 698368 | 7670351 | 224 | -57.6 | 269.2 | 100 | 25 | 92 | 6 | 120 | 0.77 |
| PLS262 | RC | 698409 | 7670346 | 224 | -57.7 | 272.4 | 100 | 2 | 28 | 4 | 282 | 1.25 |
| PLS266 | RC | 698405 | 7670439 | 232 | -57 | 272.4 | 96 | 2 | 34 | 8 | 214 | 1.55 |
| PLS269M | DDH | 698353 | 7671443 | 212 | -59.6 | 274.3 | 147.3 | 13 | 58 | 13 | 332 | 1.51 |
| PLS269M | DDH | 698353 | 7671443 | 212 | -59.6 | 274.3 | 147.3 | 12 | 73 | 9 | 156 | 1.25 |
| PLS269M | DDH | 698353 | 7671443 | 212 | -59.6 | 274.3 | 147.3 | 10 | 102 | 3 | 270 | 1.68 |
| PLS269M | DDH | 698353 | 7671443 | 212 | -59.6 | 274.3 | 147.3 | 8 | 135 | 3 | 203 | 1.12 |
| PLS270M | DDH | 698310 | 7671427 | 205 | -89.5 | 208.6 | 90.7 | 13 | 30 | 17 | 422 | 1.50 |
| PLS270M | DDH | 698310 | 7671427 | 205 | -89.5 | 208.6 | 90.7 | 12 | 47 | 12 | 342 | 1.74 |
| PLS271 | RC | 698327 | 7671339 | 209 | -90 | 265.6 | 139 | 13 | 59 | 8 | 262 | 1.77 |
| PLS271 | RC | 698327 | 7671339 | 209 | -90 | 265.6 | 139 | 12 | 78 | 27 | 241 | 1.80 |
| PLS272M | DDH | 698288 | 7671293 | 206 | -89.1 | 304.5 | 121.3 | 12 | 21 | 27 | 245 | 1.19 |
| PLS272M | DDH | 698288 | 7671293 | 206 | -89.1 | 304.5 | 121.3 | 9 | 88 | 6 | 715 | 1.30 |
| PLS272M | DDH | 698288 | 7671293 | 206 | -89.1 | 304.5 | 121.3 | 8 | 103 | 2 | 345 | 2.00 |
| PLS273 | RC | 698398 | 7671996 | 189 | -59.3 | 265.5 | 65 | 13 | 15 | 9 | 210 | 1.35 |
| PLS273 | RC | 698398 | 7671996 | 189 | -59.3 | 265.5 | 65 | 12 | 45 | 4 | 217 | 1.16 |
| PLS274 | RC | 698449 | 7671999 | 189 | -60.1 | 270.9 | 100 | 14 | 42 | 1 | 1090 | 0.19 |

| HoleID | Hole Type | MGA Easting | MGA Northing | RL | Dip | MGA Azimuth | Hole Depth | Domain | Depth From | Interval Length | Ta2O5 ppm | Li2O pct[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PLS274 | RC | 698449 | 7671999 | 189 | -60.1 | 270.9 | 100 | 13 | 50 | 13 | 317 | 0.99 |
| PLS274 | RC | 698449 | 7671999 | 189 | -60.1 | 270.9 | 100 | 12 | 83 | 8 | 251 | 1.85 |
| PLS275 | RC | 698499 | 7672000 | 191 | -58.1 | 273 | 144 | 16 | 31 | 2 | 195 | 1.10 |
| PLS275 | RC | 698499 | 7672000 | 191 | -58.1 | 273 | 144 | 14 | 78 | 2 | 465 | 1.22 |
| PLS275 | RC | 698499 | 7672000 | 191 | -58.1 | 273 | 144 | 13 | 96 | 5 | 232 | 1.63 |
| PLS275 | RC | 698499 | 7672000 | 191 | -58.1 | 273 | 144 | 12 | 114 | 11 | 318 | 1.30 |
| PLS282 | RC | 698908 | 7674249 | 230 | -90 | 0 | 97 | 80 | 4 | 21 | 143 | 1.53 |
| PLS283 | RC | 698946 | 7674247 | 233 | -90 | 0 | 103 | 80 | 21 | 22 | 183 | 1.26 |
| PLS286 | RC | 699079 | 7674340 | 209 | -90 | 0 | 100 | 80 | 6 | 17 | 215 | 1.65 |
| PLS286 | RC | 699079 | 7674340 | 209 | -90 | 0 | 100 | 81 | 44 | 8 | 101 | 1.19 |
| PLS287 | RC | 699124 | 7674352 | 218 | -90 | 0 | 80 | 80 | 38 | 5 | 168 | 1.84 |
| PLS287 | RC | 699124 | 7674352 | 218 | -90 | 0 | 80 | 81 | 66 | 4 | 148 | 1.03 |
| PLS290 | RC | 699132 | 7674449 | 201 | -90 | 0 | 100 | 81 | 40 | 17 | 169 | 1.12 |
| PLS291 | RC | 699179 | 7674446 | 206 | -90 | 0 | 154 | 80 | 6 | 8 | 89 | 1.28 |
| PLS291 | RC | 699179 | 7674446 | 206 | -90 | 0 | 154 | 81 | 88 | 18 | 117 | 1.20 |
| PLS293 | RC | 698428 | 7671448 | 201 | -60 | 270 | 180 | 13 | 98 | 10 | 186 | 0.69 |
| PLS293 | RC | 698428 | 7671448 | 201 | -60 | 270 | 180 | 12 | 139 | 3 | 243 | 1.00 |
| PLS293 | RC | 698428 | 7671448 | 201 | -60 | 270 | 180 | 10 | 149 | 8 | 300 | 1.03 |
| PLS294 | RC | 698364 | 7671415 | 213 | -59.4 | 264.8 | 125 | 13 | 65 | 8 | 234 | 1.72 |
| PLS294 | RC | 698364 | 7671415 | 213 | -59.4 | 264.8 | 125 | 12 | 84 | 14 | 266 | 1.73 |
| PLS294 | RC | 698364 | 7671415 | 213 | -59.4 | 264.8 | 125 | 10 | 112 | 1 | 120 | 3.88 |
| PLS295 | RC | 698418 | 7671413 | 203 | -61.8 | 271.3 | 130 | 13 | 100 | 4 | 260 | 1.17 |
| PLS298 | RC | 698398 | 7671339 | 208 | -61 | 255 | 170 | 13 | 105 | 3 | 250 | 1.24 |
| PLS298 | RC | 698398 | 7671339 | 208 | -61 | 255 | 170 | 12 | 130 | 9 | 320 | 1.32 |
| PLS300 | RC | 698408 | 7671303 | 210 | -65.4 | 264.8 | 190 | 12 | 151 | 10 | 225 | 1.09 |
| PLS300 | RC | 698408 | 7671303 | 210 | -65.4 | 264.8 | 190 | 9 | 173 | 6 | 372 | 1.37 |
| PLS301 | RC | 698359 | 7671249 | 219 | -61.5 | 270.9 | 144 | 12 | 97 | 12 | 263 | 1.80 |
| PLS301 | RC | 698359 | 7671249 | 219 | -61.5 | 270.9 | 144 | 9 | 136 | 1 | 90 | 0.51 |
| PLS302 | RC | 698407 | 7671236 | 214 | -64.1 | 257.8 | 180 | 12 | 140 | 1 | 220 | 1.01 |
| PLS302 | RC | 698407 | 7671236 | 214 | -64.1 | 257.8 | 180 | 9 | 170 | 10 | 242 | 1.21 |
| PLS303M | DDH | 698054 | 7670501 | 224 | -59.9 | 275 | 102.6 | 1 | 61 | 26 | 182 | 1.67 |
| PLS304 | RC | 698094 | 7670495 | 221 | -59.8 | 268.8 | 124 | 1 | 94 | 27 | 123 | 0.78 |
| PLS305 | RC | 698099 | 7670449 | 223 | -60.6 | 262.6 | 138 | 28 | 92 | 1 | 100 | 1.59 |
| PLS305 | RC | 698099 | 7670449 | 223 | -60.6 | 262.6 | 138 | 1 | 97 | 33 | 115 | 1.32 |
| PLS306M | DDH | 698053 | 7670399 | 216 | -60 | 264.4 | 99.5 | 1 | 58 | 24 | 143 | 1.29 |

| HoleID | Hole Type | MGA Easting | MGA Northing | RL | Dip | MGA Azimuth | Hole Depth | Domain | Depth From | Interval Length | Ta2O5 ppm | Li2O pct[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PLS307 | RC | 698098 | 7670405 | 218 | -59.7 | 266.6 | 130 | 28 | 83 | 6 | 78 | 1.33 |
| PLS307 | RC | 698098 | 7670405 | 218 | -59.7 | 266.6 | 130 | 1 | 102 | 23 | 80 | 1.34 |
| PLS308 | RC | 698112 | 7670350 | 217 | -60.8 | 269.4 | 132 | 28 | 82 | 7 | 97 | 1.34 |
| PLS308 | RC | 698112 | 7670350 | 217 | -60.8 | 269.4 | 132 | 1 | 106 | 17 | 107 | 0.90 |
| PLS309 | RC | 698347 | 7670249 | 222 | -61.3 | 274.7 | 100 | 25 | 86 | 6 | 123 | 1.08 |
| PLS310 | RC | 698392 | 7670248 | 223 | -57.9 | 269.4 | 100 | 2 | 4 | 2 | 100 | 0.09 |
| PLS313 | RC | 698005 | 7670595 | 223 | -60.1 | 261.2 | 110 | 1 | 32 | 24 | 199 | 0.79 |
| PLS314 | RC | 698028 | 7670678 | 220 | -57.8 | 261.1 | 110 | 1 | 53 | 25 | 221 | 1.27 |
| PLS315 | RC | 698034 | 7670749 | 215 | -58.8 | 278.2 | 110 | 1 | 59 | 21 | 187 | 1.11 |
| PLS317 | RC | 698362 | 7670947 | 202 | -60.1 | 259.7 | 150 | *Not within resource zone* | | | | |
| PLS321 | RC | 698304 | 7671052 | 215 | -60 | 268.3 | 150 | 12 | 60 | 6 | 175 | 1.69 |
| PLS321 | RC | 698304 | 7671052 | 215 | -60 | 268.3 | 150 | 4 | 124 | 4 | 332 | 0.50 |
| PLS322 | RC | 698345 | 7671144 | 215 | -68.9 | 265 | 198 | 12 | 82 | 1 | 310 | 0.32 |
| PLS322 | RC | 698345 | 7671144 | 215 | -68.9 | 265 | 198 | 9 | 107 | 8 | 235 | 1.98 |
| PLS322 | RC | 698345 | 7671144 | 215 | -68.9 | 265 | 198 | 8 | 126 | 1 | 450 | 0.06 |
| PLS322 | RC | 698345 | 7671144 | 215 | -68.9 | 265 | 198 | 7 | 173 | 11 | 226 | 1.06 |
| PLS328 | RC | 698390 | 7671492 | 208 | -58.9 | 271.9 | 180 | 13 | 78 | 7 | 254 | 1.74 |
| PLS328 | RC | 698390 | 7671492 | 208 | -58.9 | 271.9 | 180 | 12 | 91 | 11 | 392 | 0.79 |
| PLS328 | RC | 698390 | 7671492 | 208 | -58.9 | 271.9 | 180 | 10 | 120 | 3 | 170 | 0.71 |
| PLS328 | RC | 698390 | 7671492 | 208 | -58.9 | 271.9 | 180 | 8 | 156 | 6 | 153 | 1.72 |
| PLS331 | RC | 698452 | 7671596 | 203 | -58.2 | 274.8 | 190 | 13 | 95 | 13 | 322 | 1.98 |
| PLS331 | RC | 698452 | 7671596 | 203 | -58.2 | 274.8 | 190 | 12 | 140 | 14 | 324 | 1.69 |
| PLS331 | RC | 698452 | 7671596 | 203 | -58.2 | 274.8 | 190 | 10 | 165 | 5 | 204 | 1.67 |
| PLS337M | DDH | 698102 | 7670203 | 226 | -89.1 | 0.2 | 108.5 | 1 | 65 | 34 | 119 | 1.56 |
| PLS338 | RC | 698010 | 7670099 | 196 | -60.3 | 269.8 | 168 | 31 | 8 | 4 | 135 | 1.05 |
| PLS338 | RC | 698010 | 7670099 | 196 | -60.3 | 269.8 | 168 | 33 | 37 | 6 | 80 | 1.57 |
| PLS338 | RC | 698010 | 7670099 | 196 | -60.3 | 269.8 | 168 | 34 | 74 | 41 | 83 | 1.58 |
| PLS338 | RC | 698010 | 7670099 | 196 | -60.3 | 269.8 | 168 | 36 | 136 | 28 | 120 | 1.72 |
| PLS339 | RC | 697859 | 7670101 | 199 | -60.3 | 269.1 | 120 | 33 | 32 | 4 | 58 | 0.87 |
| PLS339 | RC | 697859 | 7670101 | 199 | -60.3 | 269.1 | 120 | 36 | 64 | 37 | 104 | 0.26 |
| PLS340 | RC | 697794 | 7670099 | 193 | -60 | 263.2 | 90 | 36 | 23 | 45 | 106 | 0.85 |
| PLS346 | RC | 697298 | 7669499 | 181 | -60 | 270 | 96 | *Not within resource zone* | | | | |
| PLS347 | RC | 697351 | 7669501 | 179 | -60 | 270 | 108 | *Not within resource zone* | | | | |
| PLS357 | RC | 697740 | 7670107 | 208 | -60 | 264.7 | 84 | 36 | 33 | 30 | 108 | 1.25 |
| PLS358 | RC | 698169 | 7670098 | 228 | -58.3 | 269 | 120 | 1 | 83 | 30 | 113 | 1.13 |

| HoleID | Hole Type | MGA Easting | MGA Northing | RL | Dip | MGA Azimuth | Hole Depth | Domain | Depth From | Interval Length | Ta2O5 ppm | Li2O pct[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PLS359 | RC | 697753 | 7670149 | 211 | -60 | 263.6 | 90 | 36 | 44 | 35 | 127 | 1.54 |
| PLS360 | RC | 697799 | 7670151 | 203 | -60 | 260.3 | 120 | 36 | 40 | 63 | 90 | 1.46 |
| PLS361 | RC | 697844 | 7670155 | 195 | -60.3 | 263.4 | 126 | 36 | 58 | 48 | 122 | 0.87 |
| PLS362 | RC | 697998 | 7670150 | 201 | -60 | 265.6 | 180 | 31 | 23 | 5 | 116 | 1.91 |
| PLS362 | RC | 697998 | 7670150 | 201 | -60 | 265.6 | 180 | 32 | 35 | 1 | 140 | 2.59 |
| PLS362 | RC | 697998 | 7670150 | 201 | -60 | 265.6 | 180 | 33 | 50 | 3 | 147 | 1.71 |
| PLS362 | RC | 697998 | 7670150 | 201 | -60 | 265.6 | 180 | 34 | 81 | 16 | 71 | 1.33 |
| PLS362 | RC | 697998 | 7670150 | 201 | -60 | 265.6 | 180 | 36 | 149 | 26 | 91 | 0.97 |
| PLS363 | RC | 698105 | 7670298 | 226 | -60 | 261.4 | 138 | 28 | 70 | 7 | 89 | 1.49 |
| PLS363 | RC | 698105 | 7670298 | 226 | -60 | 261.4 | 138 | 1 | 84 | 18 | 126 | 1.62 |
| PLS363 | RC | 698105 | 7670298 | 226 | -60 | 261.4 | 138 | 31 | 112 | 9 | 114 | 1.67 |
| PLS364 | RC | 698149 | 7670295 | 229 | -60 | 269 | 162 | 28 | 98 | 6 | 112 | 1.36 |
| PLS364 | RC | 698149 | 7670295 | 229 | -60 | 269 | 162 | 1 | 116 | 20 | 115 | 1.14 |
| PLS365 | RC | 698202 | 7670309 | 226 | -60 | 261.6 | 198 | 25 | 19 | 2 | 145 | 1.25 |
| PLS365 | RC | 698202 | 7670309 | 226 | -60 | 261.6 | 198 | 28 | 139 | 8 | 98 | 0.30 |
| PLS365 | RC | 698202 | 7670309 | 226 | -60 | 261.6 | 198 | 1 | 164 | 30 | 106 | 1.07 |
| PLS366 | RC | 698148 | 7670356 | 220 | -60 | 261.3 | 192 | 28 | 105 | 9 | 94 | 1.38 |
| PLS366 | RC | 698148 | 7670356 | 220 | -60 | 261.3 | 192 | 1 | 139 | 12 | 74 | 1.26 |
| PLS366 | RC | 698148 | 7670356 | 220 | -60 | 261.3 | 192 | 31 | 155 | 7 | 59 | 1.03 |
| PLS367 | RC | 698194 | 7670355 | 221 | -59.2 | 265.2 | 200 | 28 | 128 | 11 | 127 | 1.37 |
| PLS367 | RC | 698194 | 7670355 | 221 | -59.2 | 265.2 | 200 | 1 | 172 | 10 | 98 | 0.80 |
| PLS368 | RC | 698149 | 7670407 | 217 | -60 | 270 | 78 | *Not within resource zone* | | | | |
| PLS368A | RC | 698147 | 7670407 | 217 | -60.8 | 265.8 | 186 | 28 | 110 | 8 | 101 | 1.35 |
| PLS368A | RC | 698147 | 7670407 | 217 | -60.8 | 265.8 | 186 | 1 | 150 | 17 | 75 | 1.24 |
| PLS368A | RC | 698147 | 7670407 | 217 | -60.8 | 265.8 | 186 | 31 | 175 | 2 | 85 | 0.39 |
| PLS369 | RC | 698047 | 7670548 | 221 | -62.1 | 281.6 | 100 | 1 | 56 | 23 | 221 | 0.97 |
| PLS384 | RC | 698996 | 7674249 | 222 | -90 | 0 | 80 | 80 | 24 | 23 | 157 | 1.77 |
| PLS385 | RC | 699172 | 7674346 | 215 | -90 | 0 | 80 | 80 | 51 | 10 | 123 | 1.86 |
| PLS386 | RC | 699229 | 7674453 | 216 | -90 | 0 | 184 | 80 | 35 | 12 | 152 | 1.25 |
| PLS386 | RC | 699229 | 7674453 | 216 | -90 | 0 | 184 | 81 | 171 | 13 | 118 | 1.94 |
| PLS387 | RC | 699168 | 7674553 | 210 | -90 | 0 | 88 | 81 | 13 | 15 | 99 | 1.80 |
| PLS388 | RC | 699218 | 7674551 | 213 | -90 | 0 | 141 | 81 | 69 | 28 | 102 | 1.59 |
| PLS389 | RC | 699263 | 7674550 | 215 | -90 | 0 | 178 | 80 | 4 | 12 | 144 | 0.96 |
| PLS389 | RC | 699263 | 7674550 | 215 | -90 | 0 | 178 | 81 | 127 | 22 | 127 | 0.24 |
| PLS390 | RC | 697301 | 7669699 | 183 | -60 | 270 | 96 | *Not within resource zone* | | | | |

| HoleID | Hole Type | MGA Easting | MGA Northing | RL | Dip | MGA Azimuth | Hole Depth | Domain | Depth From | Interval Length | Ta2O5 ppm | Li2O pct[1] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PLS391 | RC | 697351 | 7669697 | 183 | -58.6 | 271.5 | 96 | *Not within resource zone* | | | | |
| PLS392 | RC | 697401 | 7669700 | 183 | -60 | 270 | 96 | *Not within resource zone* | | | | |
| PLS393 | RC | 697551 | 7669699 | 184 | -60 | 270 | 120 | *Not within resource zone* | | | | |
| PLS394 | RC | 697600 | 7669700 | 183 | -60 | 270 | 150 | *Not within resource zone* | | | | |
| PLS395 | RC | 697649 | 7669700 | 182 | -60 | 270 | 125 | *Not within resource zone* | | | | |
| PLS396 | RC | 697700 | 7669700 | 183 | -60 | 270 | 104 | *Not within resource zone* | | | | |
| PLS397 | RC | 697746 | 7669699 | 181 | -60 | 270 | 100 | *Not within resource zone* | | | | |
| PLS398 | RC | 697968 | 7670199 | 209 | -60 | 270 | 96 | 31 | 25 | 6 | 127 | 1.64 |
| PLS398 | RC | 697968 | 7670199 | 209 | -60 | 270 | 96 | 34 | 76 | 8 | 70 | 1.54 |
| PLS399 | RC | 699317 | 7674547 | 216 | -90 | 0 | 184 | 80 | 27 | 10 | 124 | 0.12 |
| PLS399 | RC | 699317 | 7674547 | 216 | -90 | 0 | 184 | 81 | 162 | 7 | 104 | 0.07 |
| PLS400 | RC | 697448 | 7669699 | 184 | -60 | 270 | 96 | *Not within resource zone* | | | | |
| PLS401 | RC | 697499 | 7669698 | 185 | -60 | 270 | 108 | *Not within resource zone* | | | | |
| PLS402 | RC | 699268 | 7674446 | 224 | -90 | 0 | 134 | 80 | 80 | 15 | 203 | 0.60 |

**Notes:**

[1] Where $Li_2O$ field is blank, it is because the interval was not sampled and analysed specifically for $Li_2O$.
[2] When compared to interval reported for $Ta_2O_5$, the interval length sampled and analysed specifically for $Li_2O$ is a subset of the reported interval. This is the case for 7 of the intervals reported in the table above, including:

| HoleID | Domain | $Ta_2O_5$ interval | $Li_2O$ interval |
|---|---|---|---|
| PLC014 | 12 | 22 m | 18 m |
| PLC042 | 8 | 3 m | 1 m |
| PLC044 | 8 | 11 m | 5 m |
| PLC053 | 3 | 28 m | 20 m |
| PLC055 | 8 | 2 m | 1 m |
| PLC065 | 9 | 5 m | 1 m |
| PLC066 | 12 | 26 m | 4 m |

# Appendix 2

# JORC Code, 2012 Edition – Table 1 report

### Section 1 Sampling Techniques and Data

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

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| *Sampling techniques* | • *Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.* | • The deposit has been sampled using a series of reverse circulation (“RC”) holes.<br>• Talison Minerals Pty Ltd (“Talison”) conducted a 54 drill hole RC program in 2008 totalling 3,198m and 29 drill holes for a total of 2,783m in 2010.<br>• Between 2010 and 2012, Talison changed its name to Global Advanced Metals (“GAM”). GAM completed 17 RC holes for 1,776m in 2012.<br>• Since 2014, Pilbara Minerals has completed 293 RC holes for 32,354m.<br>• Between July and September 2015, Pilbara Minerals completed 9 diamond holes for 1,082.7m. |
| | • *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* | • Talison/GAM RC holes were all sampled every metre, with samples split on the rig using a cyclone splitter. The sampling system consisted of a trailer mounted cyclone with cone splitter and dust suppression system. The cyclone splitter was configured to split the cuttings at 85% to waste (to be captured in 600mm x 900mm green plastic mining bags) and 15% to the sample port in pre-numbered, draw-string calico sample bags (12-inch by 18-inch).<br>• Pilbara RC holes were all sampled every metre within pegmatite zones and one metre into footwall & hanging wall country rock. Samples were collected using a cyclone and cone splitter attached to |

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| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | | the rig with a steel brace. The cyclone splitter was configured to split the cuttings at 85% to waste (to be captured in 600mm x 900mm green plastic mining bags) and 15% to the sample port in draw-string calico sample bags (12-inch by 14-inch).<br>• Diamond core was sampled by taking a 15-20mm fillet at 1m intervals. |
| | • *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.* | • Talison/GAM holes are all RC, with samples split at the rig sent to the Wodgina site laboratory and analysed by XRF for a suite of 36 elements.<br>• Selected pulps from the 2008 and 2010 drilling plus all pegmatite pulps from the 2012 drilling were collected and sent to SGS Laboratories in Perth for analysis of their lithium content. Lithium analysis was conducted by Atomic Absorption Spectroscopy (AAS).<br>• Pilbara RC samples were split at the rig and sent to the Nagrom laboratory in Perth and analysed by XRF and ICP.<br>• Diamond core was cut at Nagrom, and then crushed and pulverised in preparation for analysis by XRF and ICP. |
| *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).* | • The drilling rig used in 2008 is not noted in any reports.<br>• The 2010 drilling was completed by Australian Drilling Solutions using an Atlas Copco Explorac 220 RC truck mounted drill rig with a compressor rated to 350psi / 1200cfm and a booster rated to 800psi, with an expected 600psi down-hole. An auxiliary booster/compressor was not required at any point during the drilling.<br>• The 2012 drilling was completed by McKay Drilling using an 8x8 Mercedes Truck-mounted Schramm T685WS rig with a Foremost automated rod-handler system and on-board compressor rated to 1,350cfm/500psi with an auxiliary booster mounted on a further 8x8 |

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| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | | Mercedes truck and rated at 900cfm/350psi. Drilling used a reverse circulation face sampling hammer. The sampling system consisted of a trailer mounted cyclone with cone splitter and dust suppression system.<br>• The Pilbara Minerals 2014 drilling was completed by Quality Drilling Services (QDS Kalgoorlie) using a Track-mounted Schramm T450 RC rig with a 6x6 truck mounted auxiliary booster & compressor. Drilling used a reverse circulation face sampling hammer with nominal 51/4" bit. The system delivered approximately 1800cfm @ 650- 700psi down hole whilst drilling.<br>• The 2015 RC drilling was undertaken by Orbit Drilling (200 holes), Mt Magnet Drilling (44 holes) and Strike Drilling (11 holes). Orbit used two rigs; a Schramm T450RC Rig, and a bigger Hydco 350RC Rig. Mt Magnet also used a Schramm T450RC Rig, and Strike used a SDR04 RC Rig mounted on a VD3000 Marooka track base.<br>• Diamond drilling was also undertaken by Orbit Drilling, using a Hydco 1200H rig, drilling HQ sized core. |
| *Drill sample recovery* | *Method of recording and assessing core and chip sample recoveries and results assessed.* | • Recoveries for the majority of the historical holes are not known, while recoveries for 2012 GAM holes were overwhelmingly logged as "good."<br>• Recoveries for Pilbara RC and diamond holes were virtually all dry and overwhelmingly logged as "good." |
| | • *Measures taken to maximise sample recovery and ensure representative nature of the samples.* | • Whilst drilling through the pegmatite, rods were flushed with air after each metre drilled (GAM and Pilbara holes). In addition, moist or wet ground conditions resulted in the cyclone being washed out between each sample run.<br>• Loss of fines as dust was reduced by injecting water into the sample pipe before it reached the cyclone. This minimises the possibility of a |

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| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | | positive bias whereby fines are lost, and heavier, tantalum bearing material, is retained. |
| | • *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 material bias has been identified. |
| *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.* | • 1m composites were laid out in lines of 20 or 30 samples, with cuttings collected and geologically logged for each interval, and stored in 20 compartment plastic rock-chip trays annotated with hole numbers and depth intervals (one compartment per 1m composite). Geological logging information was recorded directly into an Excel spreadsheet using a toughbook laptop computer.<br>• The GAM rock-chip trays were later stored onsite at Wodgina in one of the exploration department sea containers.<br>• The Pilbara rock-chip trays were transported back to Perth and stored at the company office.<br>• Diamond core was transported to Nagrom laboratories for cutting, sampling, detailed logging and storage. |
| | • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* | • Logging has primarily been quantitative, using RC chips.<br>• Detailed logging has been undertaken on diamond core by a mineralogical consultant. |
| | • *The total length and percentage of the relevant intersections logged.* | • The database contains lithological data for all holes in the database. |
| *Sub-sampling techniques and sample preparation* | • *If core, whether cut or sawn and whether quarter, half or all core taken.*<br>• *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.*<br>*For all sample types, the nature, quality and appropriateness of the sample preparation technique.* | • RC samples collected by Talison/GAM were generally dry and split at the rig using a cyclone splitter.<br>• RC samples collected by Pilbara were virtually all dry and split at the rig using a cone splitter mounted directly beneath the cyclone.<br>• A 15 to 20mm fillet of core was taken every metre from half cut core. |

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| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* | • Talison/GAM/Pilbara samples have field duplicates as well as laboratory splits and repeats.<br>• 110 sample pulps were selected from across the pegmatite zones for umpire checks with ALS Laboratory Perth. |
| | • *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.* | • For the Talison/GAM/Pilbara RC drilling, field duplicates were taken approximately every 20m, and splits were undertaken at the sample prep stage on every other 20m.<br>• Talison/GAM/Pilbara RC samples have field duplicates as well as laboratory splits and repeats.<br>• Pilbara diamond holes have laboratory splits and repeats. |
| | • *Whether sample sizes are appropriate to the grain size of the material being sampled.* | • The Talison/GAM/Pilbara drilling sample sizes are considered to be appropriate to correctly represent the tantalum mineralization at Pilgangoora, based on the style of mineralization (pegmatite), and the thickness and consistency of mineralization. |
| *Quality of assay data & laboratory tests* | • *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* | • The Talison/GAM samples were assayed by the Wodgina Laboratory, for a 36 element suite using XRF on fused beads.<br>• The Pilbara samples were assayed at the Nagrom Perth laboratory, using XRF on fused beads plus ICP to determine $Li_2O$, $ThO_2$ and $U_3O_8$. |
| | • *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.* | • No geophysical tools were used to determine any element concentrations used in this resource estimate. |
| | • *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.* | • GAM Wodgina laboratory splits of the samples were taken at twenty metre intervals with a repeat/duplicate analysis also occurring every 20m and offset to the lab splits by 10 samples. In total one field duplicate series, one splits series and one lab duplicate/repeat series were used for quality control purposes assessing different stages in |

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| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | | the sampling process. This methodology was used for the samples from the 2010 and 2012 drilling programs. Comparison of these splits and duplicates by using a scatter chart to compare results show the expected strong linear relationship reflecting the strong repeatability of the analysis process.<br>• The GAM and Pilbara RC drilling contains QC samples (field duplicates and laboratory pulp splits, GAM internal standard, selected CRM's for Pilbara), and have produced results deemed acceptable.<br>• 110 sample pulps (10% of the June 2015 resource composite samples) were selected from across the pegmatite zones for umpire checks with ALS Laboratory Perth. All closely correlated with the original Nagrom assays. Further samples will be selected for additional checks. |
| *Verification of sampling and assaying* | • *The verification of significant intersections by either independent or alternative company personnel.*<br>• *The use of twinned holes.* | • Infill drilling completed by GAM in 2012 and Pilbara in 2014 and 2015 confirmed the approximate width and grade of previous drilling.<br>• Eight of the diamond holes were drilled as twins to RC holes, and compared to verify assays and lithology. |
| | • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* | • An electronic database containing collars, surveys, assays and geology was provided by GAM.<br>• All GAM assays were sourced directly from Wodgina internal laboratory files.<br>• All Pilbara assays were sourced directly from Nagrom as certified laboratory files. |
| | • *Discuss any adjustment to assay data.* | • Tantalum was reported as $Ta_2O_5$ %, and converted to ppm for the estimation process.<br>• A two-step adjustment has been applied to the $Fe_2O_3$ assays to |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | | account for (i) contamination of pulps by the steel bowl at the grinding stage, and (ii) contamination of RC chips with the drill bit. Step one is to subtract 0.15% from all $Fe_2O_3$ assays, step 2 is to subtract a further 0.26% from all Pilbara Minerals RC samples, and 0.10% from all historic RC samples. No second factor has been applied to the Pilbara diamond core $Fe_2O_3$ assays. |
| *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.* | • Talison/GAM holes were surveyed using a DGPS with sub one metre accuracy by the GAM survey department.<br>• Pilbara drill hole collar locations were surveyed at the end of the program using a dual channel DGPS with +/- 10mm accuracy on northing, easting & RL by Pilbara personnel.<br>• No down hole surveys were completed for PLC001-039 (Talison).<br>• Gyro surveys were completed every 5m down hole for PLC040-068 (Talison).<br>• Eastman Single Shot surveys were completed in a stainless steel starter rod approximately every 30m for PLC069-076 & PLRC001-009 (GAM).<br>• Reflex EZ-shot, electronic single shot camera surveys were completed in a stainless steel starter rod for each hole for the Pilbara November-December 2014 RC drilling. Measurements were recorded from approximately 8m; in the middle; and at the bottom of each hole.<br>• Camteq Proshot, electronic single shot cameras were completed in a stainless steel starter rod for each hole from the Pilbara 2015 RC and diamond drilling campaigns. Measurements were recorded at 10m, 40m, 70m and 100m (or EOH) for each hole. |
| | • *Specification of the grid system used.* | • The grid used was MGA Zone 50, datum GDA94. |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | • *Quality and adequacy of topographic control.* | • The topographic surface used was a 50cm resolution Digital Surface Model (DSM) derived by stereoscopic photogrammetric processes from 5cm resolution imagery.<br>• Surveyed DGPS drillhole collar elevation data was then compared to this surface, and found to have an average difference of -0.7m. |
| *Data spacing and distribution* | • *Data spacing for reporting of Exploration Results.* | • Talison completed 54 RC drillholes in 2008<br>• GAM completed 46 RC drillholes between 2010 and 2012<br>• Pilbara completed 293 RC holes between 2014 and 2015.<br>• Pilbara completed 9 diamond drillholes in 2015.<br>• Drilling spacings vary between 25m to 50m apart |
| | • *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.* | • The continuity of the mineralization can confidently be interpreted from the geology of the pegmatite sheets, which can be mapped on surface as extending over several hundred metres in strike length. |
| | • *Whether sample compositing has been applied.* | • No compositing was necessary, as all samples were taken at 1m intervals. |
| *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.* | • The mineralisation dips between 20 and 60 degrees at a dip direction between 050 and 115 degrees for the majority of the domains. The Monster zone strikes 040 to 045 degrees and dips moderately to the south-east.<br>• The drilling orientation and the intersection angles are deemed appropriate. |
| | • *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.* | • No orientation-based sampling bias has been identified. |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| *Sample security* | • *The measures taken to ensure sample security.* | • Talison sampling security measures are unknown, but assumed to be equal to industry standards since the drilling is as recent as 2008.<br>• Chain of custody for GAM holes were managed by GAM personnel. Samples were delivered to the Wodgina laboratory by GAM personnel where samples were analysed.<br>• Chain of custody for Pilbara holes were managed by Pilbara personnel. Samples for analysis were delivered to the Regal Transport Depot in Port Hedland by Pilbara personnel. Samples were delivered from the Regal Transport Depot in Perth to the Nagrom laboratory in Kelmscott by Regal Transport courier truck. |
| *Audits or reviews* | • *The results of any audits or reviews of sampling techniques and data.* | • The collar and assay data have been reviewed by compiling a new SQL relational database. This allowed some minor sample numbering discrepancies to be identified and amended.<br>• Drilling locations and survey orientations have been checked visually in 3 dimensions and found to be consistent.<br>• All GAM assays were sourced directly from the laboratory (Wodgina laboratory). However it has not been possible to check these original digital assay files. |

**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* | • The Pilgangoora resource lays within E45/2232 and M45/333 which are 100% owned by Pilbara Minerals Limited. The E45/2232 area is now also part of a mining lease application (M45/1256). |
| | • *The security of the tenure held at the time of reporting along with* | • No known impediments. |

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| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | *any known impediments to obtaining a licence to operate in the area.* | |
| *Exploration done by other parties* | • *Acknowledgment and appraisal of exploration by other parties.* | • Talison completed 54 RC holes in 2008<br>• GAM completed 46 RC holes between 2010 and 2012. |
| *Geology* | • *Deposit type, geological setting and style of mineralisation.* | • The Pilgangoora pegmatites are part of the later stages of intrusion of Archaean granitic batholiths into Archaean metagabbros and metavolcanics. Tantalum mineralisation occurs in zoned pegmatites that intruded a sheared Archaean metagabbro. |
| *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, including 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 plus hole length.*<br>• *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.* | • Refer to Appendix 1 in this announcement. |
| *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.*<br>• *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.* | • Length weighed averages used for exploration results are reported in Appendix 1 of this announcement. Cutting of high grades was not applied in the reporting of intercepts.<br>• No metal equivalent values are used. |

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| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | • *The assumptions used for any reporting of metal equivalent values should be clearly stated.* | |
| *Relationship between mineralisation widths and intercept lengths* | • *These relationships are particularly important in the reporting of Exploration Results.*<br>• *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.*<br>• *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').* | • Downhole lengths are reported in Appendix 1 of this announcement.<br>• It is noted in previous sections that not all samples analysed for $Ta_2O_5$ have also been analysed for $Li_2O$. All pegmatite pulps from the 2012 drilling were analysed for $Li_2O$ but only selected pulps from the 2008 and 2010 drilling were. As noted in Appendix 1, there are 7 intervals reported for $Ta_2O_5$ that were only partial analysed for $Li_2O$ – see Note 2 for Appendix 1. |
| *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 Figures 2 to 7 |
| *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.* | • Comprehensive reporting of drilling details has been provided in Appendix 1 in this announcement. |
| *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 & material exploration data has been reported. |
| *Further work* | • *The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).*<br>• *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling* | • Further planned drilling aims to test extensions to the currently modelled pegmatites zones and to infill where required to convert Mineral Resources to high confidence classification (i.e. Inferred to Indicated and Indicated to Measured). |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | *areas, provided this information is not commercially sensitive.* | |

## Section 3 Estimation and Reporting of Mineral Resources

(Criteria listed in section 1, and where relevant in section 2, also apply to this section.)

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| *Database integrity* | • *Measures taken to ensure that data has not been corrupted by, for example, transcription or keying errors, between its initial collection and its use for Mineral Resource estimation purposes.* | • The original database was compiled by GAM and supplied as a Microsoft Access database.<br>• The data have then been imported into a relational SQL Server database using DataShed™ (industry standard drillhole database management software).<br>• The data are constantly audited and any discrepancies checked by Pilbara Minerals personnel before being updated in the database. |
| | • *Data validation procedures used.* | • Normal data validation checks were completed on import to the SQL database.<br>• Data has not been checked back to hard copy results, but has been checked against previous databases supplied by GAM.<br>• All logs are supplied as Excel spreadsheets and any discrepancies checked and corrected by field personnel. |
| *Site visits* | • *Comment on any site visits undertaken by the Competent Person and the outcome of those visits.* | • John Young (Executive and Chief Geologist - Pilbara Minerals and Competent Person) has visited the site numerous times. |
| *Geological interpretation* | • *Confidence in (or conversely, the uncertainty of) the geological interpretation of the mineral deposit.* | • The confidence in the geological interpretation is considered robust. Tantalum is hosted within pegmatite dykes intruded into mafic meta volcanics and amphibolites of the East Strelley greenstone belt. The |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | • *Nature of the data used and of any assumptions made.*<br>• *The effect, if any, of alternative interpretations on Mineral Resource estimation.*<br>• *The use of geology in guiding and controlling Mineral Resource estimation.*<br>• *The factors affecting continuity both of grade and geology.* | area of the Pilgangoora pegmatite field within E45/2232 and M45/333 comprises a series of extremely fractionated dykes and veins up to 15m thick within the immediate drilling area. These dykes and veins dip to the east at 20-60° and are parallel to sub-parallel to the main schistose fabric within the greenstones.<br>• The geological interpretation is supported by drill hole logging and mineralogical studies completed by GAM (previously Talison) and Pilbara Minerals.<br>• No alternative interpretations have been considered at this stage.<br>• Grade wireframes correlate extremely well with the logged pegmatite veins.<br>• The key factor affecting continuity is the presence of pegmatite. |
| *Dimensions* | • *The extent and variability of the Mineral Resource expressed as length (along strike or otherwise), plan width, and depth below surface to the upper and lower limits of the Mineral Resource.* | • The main modelled mineralized domains has a total dimension of 4,100m (north-south), ranging between 50-600m (east-west) in multiple veins and ranging between -50m and 220m RL (AMSL). The Monster and Southern areas each have a modelled strike of approximately 700m. |
| *Estimation and modelling techniques* | • *The nature and appropriateness of the estimation technique(s) applied and key assumptions, including treatment of extreme grade values, domaining, interpolation parameters and maximum distance of extrapolation from data points. If a computer assisted estimation method was chosen include a description of computer software and parameters used.*<br>• *The availability of check estimates, previous estimates and/or mine production records and whether the Mineral Resource estimate takes appropriate account of such data.* | • Grade estimation using Ordinary Kriging (OK) was completed using Geovia Surpac™ software for both $Ta_2O_5$ and $Li_2O$. Note that there were insufficient samples analysed to allow populating of $Li_2O$ into 1 of the 35 domains.<br>• Drill spacing typically ranges from 25m to 50m.<br>• Drillhole samples were flagged with wireframed domain codes. Sample data was composited for $Ta_2O_5$, $Li_2O$ and $Fe_2O_3$ to 1m using a best fit method. Since all holes were sampled on 1m intervals, there were no residuals.<br>• Influences of extreme sample distribution outliers were reduced by top-cutting on a domain basis. Top-cuts were decided by using a |

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| Criteria | JORC Code explanation | Commentary |
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| | • *The assumptions made regarding recovery of by-products.*<br>• *Estimation of deleterious elements or other non-grade variables of economic significance (eg sulphur for acid mine drainage characterisation).*<br>• *In the case of block model interpolation, the block size in relation to the average sample spacing and the search employed.*<br>• *Any assumptions behind modelling of selective mining units.*<br>• *Any assumptions about correlation between variables.*<br>• *Description of how the geological interpretation was used to control the resource estimates.*<br>• *Discussion of basis for using or not using grade cutting or capping.*<br>• *The process of validation, the checking process used, the comparison of model data to drill hole data, and use of reconciliation data if available.* | combination of methods including grade histograms, log probability plots and statistical tools. Based on this statistical analysis of the data population, top-cuts of between 2.0% and 3.8% for $Li_2O$, 110ppm to 1000ppm for $Ta_2O_5$ and 1.0% and 4.8% for $Fe_2O_3$ were applied. Some domains did not require top-cutting.<br>• Directional variograms were modelled by domain using traditional variograms. Nugget values are moderate to low (between 20 and 30%) and structure ranges up to 260m. Domains with more limited samples used variography of geologically similar, adjacent domains.<br>• Block model was constructed with parent blocks of 5m (E) by 25m (N) by 5m (RL) and sub-blocked to 2.5m (E) by 12.5m (N) by 2.5m (RL). All estimation was completed to the parent cell size. Discretisation was set to 5 by 5 by 2 for all domains.<br>• Three estimation passes were used. The first pass had a limit of 75m, the second pass 150m and the third pass searching a large distance to fill the blocks within the wireframed zones. Each pass used a maximum of 12 samples, a minimum of 6 samples and maximum per hole of 4 samples. The exceptions to this were domains with less than 20 samples, which used a maximum of 10 samples, a minimum of 4 samples and maximum per hole of 3 samples for the second pass.<br>• Search ellipse sizes were based primarily on a combination of the variography and the trends of the wireframed mineralized zones. Hard boundaries were applied between all estimation domains.<br>• Validation of the block model included a volumetric comparison of the resource wireframes to the block model volumes. Validation of the grade estimate included comparison of block model grades to the declustered input composite grades plus swath plot comparison |

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| | | by easting, northing and elevation. Visual comparisons of input composite grades vs. block model grades were also completed.<br>• As a potential deleterious element, $Fe_2O_3$ has been estimated for this resource, both as raw and factored $Fe_2O_3$. Identification of contamination during both the sample collection (steel from drill bit and rod wear) and assay phases (wear in the steel pulverisation containers) has resulted in a detailed statistical analysis and co-located data comparison between diamond core and RC twin hole assays. Factors have been applied to the raw $Fe_2O_3$ assays in two steps. Firstly, all $Fe_2O_3$ assays have been reduced by -0.15% to account for additional iron introduced by the steel pulverisation containers in the sample preparation phase. Secondly, Pilbara RC sample $Fe_2O_3$ assays have been reduced by -0.26% to account for additional iron introduced by wear on drill bits and rod in the drilling process, -0.1% to the historic RC for the same reason. No second factor has been applied to the Pilbara diamond core $Fe_2O_3$ assays. |
| *Moisture* | • *Whether the tonnages are estimated on a dry basis or with natural moisture, and the method of determination of the moisture content.* | • Tonnes have been estimated on a dry basis. |
| *Cut-off parameters* | • *The basis of the adopted cut-off grade(s) or quality parameters applied.* | • Grade envelopes have been wireframed to an approximate 100ppm $Ta_2O_5$ and 1% $Li_2O$ cut-off allowing for continuity of the higher-grade zone. Based on visual and statistical analysis of the drilling results and geological logging of the pegmatite zoning, this cut-off tends to be exactly the same or very close to the natural geological contact between the pegmatite and host mafic rocks. |
| *Mining factors or assumptions* | • *Assumptions made regarding possible mining methods, minimum mining dimensions and internal (or, if applicable, external) mining dilution. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider* | • Based on the orientations, thicknesses and depths to which the pegmatite veins have been modelled, plus their estimated grades for $Ta_2O_5$ and $Li_2O$, the potential mining method is considered to be open pit mining. |

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| | *potential mining methods, but the assumptions made regarding mining methods and parameters when estimating Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the mining assumptions made.* | |
| *Metallurgical factors or assumptions* | • *The basis for assumptions or predictions regarding metallurgical amenability. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential metallurgical methods, but the assumptions regarding metallurgical treatment processes and parameters made when reporting Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the metallurgical assumptions made.* | • Historical mining operations and the presence of a tin-tantalum separation plant adjacent to a large tailings dump indicates that the assumption for potential successful processing of Pilgangoora ore is reasonable.<br>• Nagrom Pty Ltd and Anzaplan have both completed scoping metallurgical testwork and have recovered both $Ta_2O_5$ and $Li_2O$ of marketable qualities. ( see ASX release ‘’Pilbara Testwork Confirms Potential” released 25/05/2015, “Quarterly Activities and Appendix 5B, released 24/04/2015). Further testwork is planned for early 2016. |
| *Environmen-tal factors or assumptions* | • *Assumptions made regarding possible waste and process residue disposal options. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider the potential environmental impacts of the mining and processing operation. While at this stage the determination of potential environmental impacts, particularly for a greenfields project, may not always be well advanced, the status of early consideration of these potential environmental impacts should be reported. Where these aspects have not been considered this should be reported with an explanation of the environmental assumptions made.* | • Appropriate environmental studies and sterilisation drilling would be completed prior to determination of the location of any potential waste rock dump (WRD) facility. |
| *Bulk density* | • *Whether assumed or determined. If assumed, the basis for the assumptions. If determined, the method used, whether wet or dry,* | • Previously bulk density has been assigned on the basis of weathering state, based on a specific gravity study carried out in 2006 by the |

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| | *the frequency of the measurements, the nature, size and representativeness of the samples.*<br>• *The bulk density for bulk material must have been measured by methods that adequately account for void spaces (vugs, porosity, etc), moisture and differences between rock and alteration zones within the deposit.*<br>• *Discuss assumptions for bulk density estimates used in the evaluation process of the different materials.* | project holders at the time, Sons of Gwalia. Previous consultants as well as GAM personnel have referred to this study and used these figures for the previous resource estimations which were carried out in-house.<br>• Pilbara Minerals completed specific gravity testwork on nine samples across the deposit using both Hydrostatic Weighing (uncoated) on surface grab samples and Gas Pycnometry on RC chips which produces consistent results. Geological mapping and rockchip / grab sampling has not observed any potential porosity in the pegmatite.<br>• Pilbara Minerals conducted hydrostatic weighing tests on uncoated HQ core samples to determine bulk density factors. A total of 207 core samples were tested. Measurements included both pegmatite ore and waste rock.<br>• The bulk density factors applied to the current resource estimate are 2.53 g/cm$^3$ in the (minimal) oxide, and 2.72 g/cm$^3$ in fresh/transition zone material. |
| *Classification* | • *The basis for the classification of the Mineral Resources into varying confidence categories.*<br>• *Whether appropriate account has been taken of all relevant factors (ie relative confidence in tonnage/grade estimations, reliability of input data, confidence in continuity of geology and metal values, quality, quantity and distribution of the data).*<br>• *Whether the result appropriately reflects the Competent Person's view of the deposit.* | • The Mineral Resource has been classified on the basis of confidence in the geological model, continuity of mineralized zones, drilling density, confidence in the underlying database and the available bulk density information.<br>• All factors considered; the resource estimate has in part been assigned to Indicated resource with the remainder to the Inferred category. |
| *Audits or reviews* | • *The results of any audits or reviews of Mineral Resource estimates.* | • Whilst Mr. Barnes (Competent Person) is considered Independent of PLS, no third party review has been completed. |
| *Discussion of relative* | • *Where appropriate a statement of the relative accuracy and confidence level in the Mineral Resource estimate using an approach* | • The relative accuracy of the Mineral Resource estimate is reflected in the reporting of the Mineral Resource as per the guidelines of the |

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| *accuracy/ confidence* | *or procedure deemed appropriate by the Competent Person. For example, the application of statistical or geostatistical procedures to quantify the relative accuracy of the resource within stated confidence limits, or, if such an approach is not deemed appropriate, a qualitative discussion of the factors that could affect the relative accuracy and confidence of the estimate.*<br>• *The statement should specify whether it relates to global or local estimates, and, if local, state the relevant tonnages, which should be relevant to technical and economic evaluation. Documentation should include assumptions made and the procedures used.*<br>• *These statements of relative accuracy and confidence of the estimate should be compared with production data, where available.* | 2012 JORC Code.<br>• The statement relates to global estimates of tonnes and grade. |