ASX Code: IPT

19th JUNE 2023 **CORPORATE RELEASE**

Maiden Mineral Resource Estimate of 880,000 tonnes of contained Alumina at the Lake Hope High Purity Alumina (HPA) Project, WA

- A maiden mineral resource of 3.5 million tonnes at 25.1% alumina (Al_2O_3) for a contained 880,000 tonnes of alumina has been defined at the Lake Hope HPA Project in WA.
- 88% of the resource, or about 775,000 tonnes of alumina, is in the higher confidence Indicated Resource category.
- Impact aims to bring Lake Hope into production to deliver high-margin end-products into a rapidly expanding global market with current prices for benchmark 4N HPA (99.99% Al_2O_3) and related products of about US$20,000 per tonne.
- The unique geological properties of the Lake Hope deposit will allow for a shallow, very low-cost, free-digging operation only one to two metres deep and with offsite metallurgical processing at an established industrial site.
- Previous bench-scale metallurgical test work has produced HPA from representative lake clays via a disruptive sulphuric acid hydrometallurgical process likely to be cost-competitive with other producers and developers in Australia and globally.
- The proposed operation will have a small environmental footprint and low carbon emissions.
- Impact will continue to focus its immediate activities on completing the Scoping Study, lodgement of a Mining Lease Application in Q3 2023 and the continuation of a Pre-Feasibility Study, which includes more comprehensive metallurgical test work and baseline environmental studies.
- An initial heritage survey with the Ngadju First Nations group will commence in late June-early July.

Impact Minerals Limited (ASX:IPT) is pleased to announce a significant, substantial and high-grade maiden Mineral Resource Estimate (MRE) for its flagship Lake Hope High Purity Alumina (HPA) Project located about 500 km east of Perth in Western Australia. Impact has the right to earn an 80% interest in Playa One Pty Ltd, owner of the Lake Hope Project, via an incorporated joint venture (Figure 1 and ASX Release 21st March 2023).

Impact Minerals' Managing Director, Dr Mike Jones, said, *"This large and high-grade alumina resource will underpin our quest to become one of the world's lowest-cost producers of High Purity Alumina over the next few years. This unique resource could provide multi-decade delivery of a mineral product recently added to Australia's Critical Mineral list.*

The resource allows us to now finish our Scoping Study which will demonstrate the economics of the project and be a catalyst for Impact to lodge a Mining Lease Application in the next Quarter. The Pre-Feasibility Study also continues apace with metallurgical test work, environmental baseline studies in progress, and a heritage survey with the Ngadju First Nations group to be completed in July. We continue our rapid journey to low-cost production in the quickly expanding, high-margin HPA business where current benchmark prices for 99.99% purity alumina or so-called 4N HPA, are currently in the region of US$20,000 per tonne".

The Mineral Resource, 88% of which is in the higher confidence category of Indicated Resources, lies within a unique deposit of high-grade alumina (aluminium oxide, Al_2O_3) hosted by extremely fine-grained evaporite and clay minerals in the top two metres of two small dry salt lakes in the Lake Hope playa system (West Lake and East Lake, Figure 2 and ASX Release 21st March 2023).

The Mineral Resource Estimate is shown in Table 1 and is reported in accordance with the requirements of the JORC Code 2012 by resource consultants H and S Consultants Pty Ltd (H&SC) of Brisbane, Queensland. All drill hole information and assay data are provided in Appendices 1 and 2.

Category	Million tonnes	Alumina %	Al_2O_3 Tonnes
West Lake			
Indicated	2.09	25.5%	534,600
Inferred	0.23	23.2%	52,300
Total	**2.32**	**25.3%**	**586,900**
East Lake			
Indicated	1.10	24.8%	273,400
Inferred	0.08	24.1%	19,400
Total	**1.18**	**24.8%**	**292,800**
Combined			
Indicated	3.19	25.3%	808,000
Inferred	0.31	23.4%	71,700
Total	3.50	25.1%	879,700

Table 1. Lake Hope Alumina Mineral Resources

The alumina block grade distribution for the two Mineral Resources is shown in Figure 2. The grade increases towards the centre of the lakes, and this offers an opportunity for preferential mining of the higher-grade material in the early stages of any future mine development.

Planned Production of High Purity Alumina

Playa One has developed a novel, relatively low-cost hydro-metallurgical process to convert alumina mineralisation of a type as found on Lake Hope into High Purity Alumina (HPA) with the potential to produce a purity exceeding 99.99%, (so-called 4N HPA), generally taken as the industry standard purity for product comparison. (ASX Release 21st March 2023).

Impact's review of this novel process indicates that, together with the unique physical and chemical characteristics of the Lake Hope clays, the entire project may offer a breakthrough in the cost of HPA production and be potentially cheaper than other HPA ores such as kaolin or feldspar.

Initial and unoptimised recoveries from the bench scale test work of the process suggest that a significant proportion of the alumina resource at Lake Hope may be converted to HPA. Optimisation of the process is a key focus of the Pre-Feasibility Study currently in progress (ASX Release 6th April 2023).

Impact will also own a proportional share of the processing technology by earning an interest directly in Playa One Pty Limited via an incorporated joint venture. Further details on the joint venture are provided at the end of the report.

Other advantages of the Lake Hope Project which indicate the potential for low-cost production of HPA include (ASX Release 21st March 2023):

- The naturally occurring and homogeneous micron-sized particles in the clay, which can be mined by free-digging and will require no comminution, grinding, classification, or wet-dry screening.
- The clay can be dug up and trucked to an off-site processing facility, likely to be in either Kalgoorlie or Perth where permitting will more straightforward (Figure 1)
- A simple wash and filtration circuit is all that is required for upfront processing.
- A low-temperature sulphuric acid leach can be used which is a generally readily available and is a cheaper acid than others.
- The sulphuric acid leach also eliminates the front-end energy-intensive calcination required in the kaolin hydrochloric acid leach process, thus significantly reducing energy costs, flow sheet complexity and CO_2 emissions.

Next Steps

In order to accelerate the development timeline for Lake Hope, a Scoping Study and Pre-Feasibility Study (PFS) on Lake Hope are being run in tandem. The Scoping Study, to be completed in the third Quarter of 2023, will comprise high-level assumptions about the economic potential of the project based on the new resource, mining studies, preliminary metallurgical recoveries and likely offtake prices.

The PFS, which will be completed in mid-2024 will be based on more detailed studies which are in progress (ASX Release 6th April 2023). This work includes metallurgical optimisation test work, baseline flora, fauna and groundwater surveys, and geotechnical, logistics and freight studies.

As part of the PFS, an initial cultural and heritage survey with the Ngadju First Nations group will be completed in early July. This is a key part of the process to allow Impact to lodge its first ever Mining Lease Application over Lake Hope in the next Quarter.

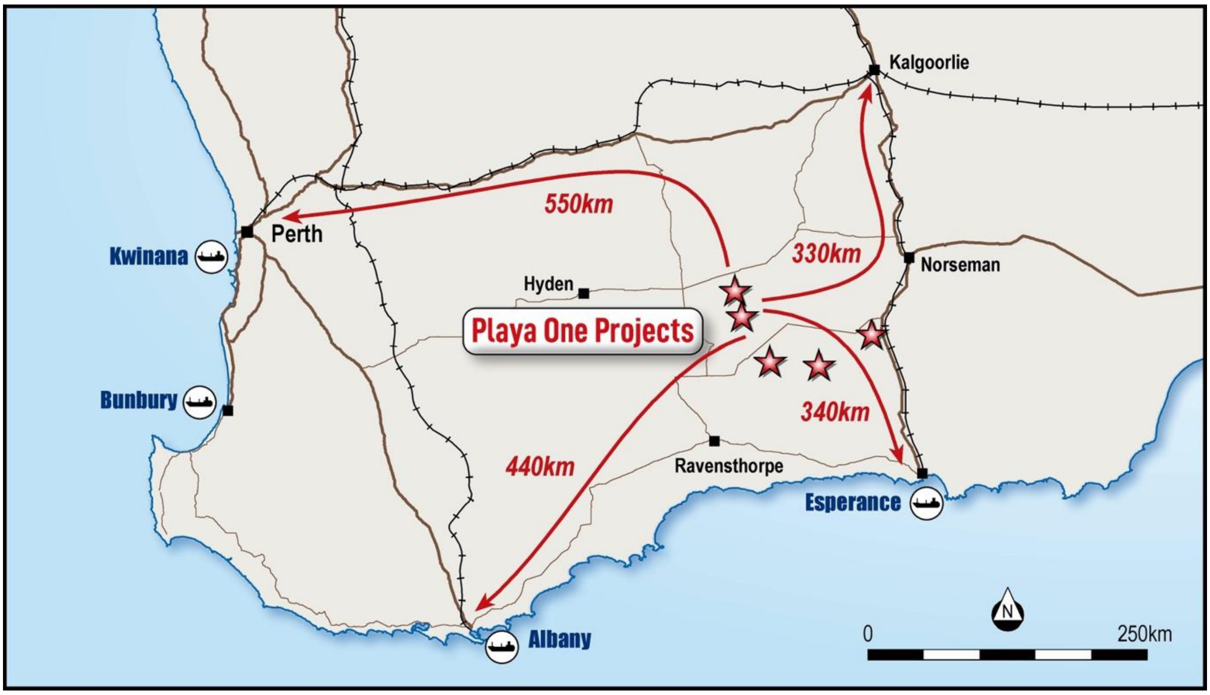

Figure 1. Location of Lake Hope Project E63/2086

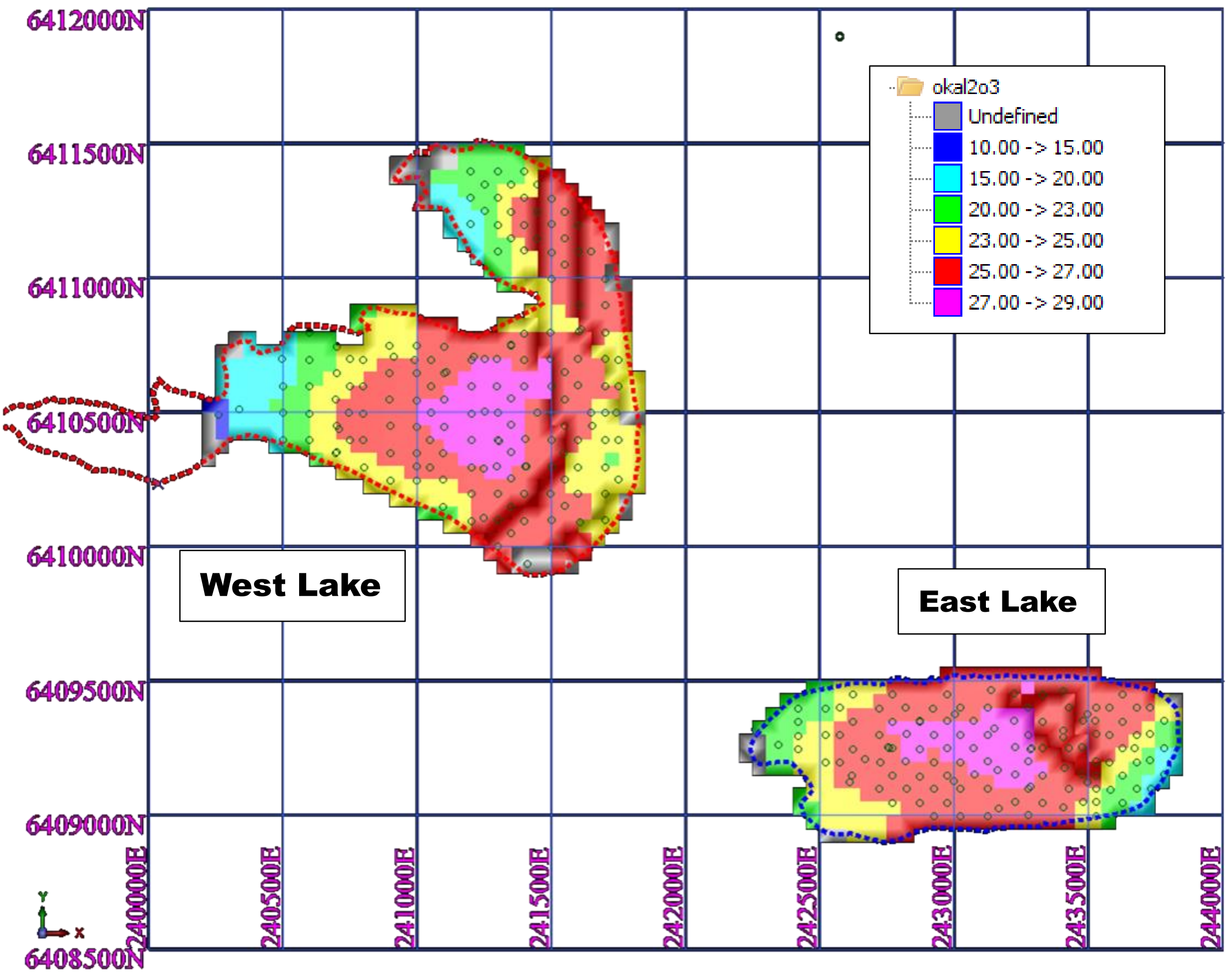

Figure 2. Percentage (%) Alumina Block Grade Distribution for the Lake Hope Mineral Resources (drill hole collars shown as circles).

About the Lake Hope Resource

A summary of the material information used to estimate the resource as required by ASX Listing Rule 5.8.1 is provided below, with further information given in the JORC Table, Sections 1, 2 and 3.

Drilling Techniques

The resource was defined by 254 short, vertical drill holes (for 264.9 metres) drilled on a nominal 100 metre by 100 metre grid. Of these, 174 holes (for 215.67m) were drilled by a 70 mm screw hand auger and 80 holes were drilled using a 50 mm or 65 mm PVC push-tube hammered into the lake clays (Figure 3). Sample recovery was at least 95% and sample quality is considered good to excellent.

Figure 3. Lake Hope showing the push tube sampling method and an example of the lake clay from the push tube.

A further 48 in-fill push tube holes were also completed but the assays were received after the resource was estimated. There is good agreement between these assays and the values in other drill holes in the same resource blocks. These assays have not been included in the resource as they will not add materially to the contained alumina. The results are reported here for completeness (Appendix 1 and 2).

All holes were visually logged at 5-10cm intervals for colour, mineralogy, grain size, moisture content and plasticity.

Sampling and Sub-sampling Techniques

Sampling was on a nominal 0.5m interval or by geological contacts, with the core cut by a knife or simply broken by hand. The samples contained little moisture with a consistency similar to hard plasticine.

The entirety of all samples was sent for analysis at Intertek laboratories in Perth, WA where they were dried and coarse crushed to 1 mm diameter, with a 300g split pulverised to 80% passing 75 microns to ensure sample homogenisation.

Screening was deemed unnecessary as 100% of the sample particles are <100 microns as established by laser particle sizing (ASX Release 21st March 2023). All mineralised clay can be included in the metallurgical process without physical screening.

Field duplicates for the auger drilling involved sampling one side of the screw thread (50% of the sample). For the push tube drilling, selected cores were cut in half (along the long core axis) with a knife to produce a field duplicate sample.

Sample Analysis Method

Samples were assayed for 16 elements using a lithium borate fusion and XRF quantification via the FB1/XRF10 or FB1/XRF30 method. Calculated oxide values included Al_2O_3 (alumina), CaO, Fe_2O_3, K_2O, MnO_2, Na_2O, P_2O_5, SiO_2, SO_3 and TiO_2 together with Loss on Ignition (LOI).

X-Ray Diffraction analysis for mineralogical species was completed at Intertek Mineralogy with a variety of sulphate and clay ore minerals identified with lesser quartz and minor feldspar, mica and opaline silica.

QAQC data was limited to nine standards and 15 field duplicate samples. Laboratory performance for standards was acceptable for most major elements, with Loss On Ignition and silica exceeding the published values slightly. Duplicates showed acceptable deviance for 13 of the 15 duplicates (+/- 10%).

One auger hole from the East Lake was twinned with a push tube hole with acceptable agreement for the alumina grade.

The QAQC programme included the use of sample weights for sample recovery for most auger holes. There is no relationship between alumina grade and sample recovery. Umpire lab checks for the analytical results are in progress.

Database

Data was collated by Impact from hardcopy logging sheets into Excel, prior to validation and import into Impact's DataShed database.

The drilling data was supplied to H&SC as a series of CSV files for further validation in MSAccess and Surpac which included manual checking of logging codes for consistency, plausibility of drill hole trajectories and assay grades.

Geology and Geological Interpretation

The alumina mineralisation occurs within very fine-grained, unconsolidated flat-lying lake sediments that are up to 2 metres thick and directly overlie weathered granite. The mineralisation extends throughout the lake clays and is also flat-lying and up to 2 metres thick. A 3D wireframe model was constructed from the drill hole data with north-south oriented cross sections produced every 50 metres for both the West Lake and East Lake. The mineralisation shows very good geological continuity.

A single mineral zone was defined for each the two deposits using a nominal basal Al_2O_3 cut-off grade of 20% and geological logging in conjunction with assays for SiO_2, K_2O, Fe_2O_3 and SO_3. The boundaries of the mineralisation are well defined by drilling and by the lake edge as defined by satellite imagery.

Dimensions for the two mineral zones are listed below and shown in plan view in Figure 2.

- West Lake: areal extent 1.6 km by 1.6 km with an average thickness from the sampling of 0.95 metres, maximum depth is 1.6m and a surface area of 1.33 million m^2.
- East Lake: areal extent 1.6 km by 0.6 km with an average thickness from the sampling of 0.98 metres, maximum depth is 2.0m and a surface area of 0.76 million m^2.

Estimation Methodology

H&SC used the Ordinary Kriging estimation technique on drillhole composites loaded into a 3D block model. The mineral zone was treated as a hard boundary during the estimation process and composites were generated using the 'best fit' option in Surpac.

A total of 251 and 212 composites, for West Lake and East Lake respectively, of nominal 0.5m length were used to estimate the contained Al_2O_3 for the mineralised lake clays. No top cuts were applied to the data due to an absence of extreme values and low coefficients of variation for the modelled element.

2D variography in the X (E-W) and Y (N-S) directions was performed for all composite data for both deposits. Grade continuity for alumina was reasonable for the West Lake and modest for the East Lake because of a zone of slightly lower grade in the middle of the lake.

Grade interpolation used an expanding 3D search pass strategy with search parameters that accounted for the geometry of the mineralisation, the drill spacing and the Al_2O_3 variography. Modelling consisted of one set of three horizontal search passes. The minimum search used was 180 metres by 180 metres (X & Y) and 0.5m (Z) expanding to 360 metres by 360 metres by 1 metre. The minimum number of composite data points was 8 samples for Passes 1 and 2 decreasing to a minimum of 4 data for Pass 3. The maximum extrapolation of the estimates is 360 metres and the maximum number of composite data points is 20.

Block dimensions are 50 metres by 50 metres in the X and Y directions with 0.75 metres in the Z direction. No sub-blocking was considered necessary with the Mineral Resources reported using a partial percent volume adjustment generated by the mineral wireframes. The X- and Y-axis dimensions were chosen based on the 100m spaced drilling, the Z dimension was a function of the composite data length. Block discretisation was set to 5 x 5 x 2 (X, Y and Z respectively).

Metal grades were estimated in 3D using Ordinary Kriging (GS3M software) with the grades loaded into a Surpac mining software 3D block model for validation and resource reporting.

No assumptions were made regarding the recovery of any by-products. No deleterious elements have been factored in. No production has taken place, so no reconciliation data is available.

Tonnages are estimated on a dry weight basis. Moisture was determined by the laboratory using gravimetric methods to determine weight loss on drying the samples at 105°C for 12 hours.
27 samples weighing between 20g and 80g were collected with an average moisture content of 27.4%.

A default density of $1.85/m^3$ was used for reporting tonnages for the Mineral Resources. Density was derived from 21 core samples and 36 surface pit samples which were dried and then sealed in wax. Density measurement was by the weight in air/weight in water method (Archimedes Principle).

The final block model was validated by H&SC using a variety of histograms, gridded seam models and summary statistics as well as a visual review. They concluded that the block model fairly represents the alumina grades observed in the drill holes.

Classification Criteria

Resource classification is based primarily on the drill hole spacing with consideration of other factors such as grade continuity (the variography), the geological model, density data, sample recoveries, QAQC data and an assumption of open pit mining. The relatively close spaced drilling, the reasonable variography, the low level of QAQC data, sample recoveries and metallurgical test work lead to the estimation results for Passes 1 and 2 being classed as Indicated Resources. Results for Pass 3 are used to allocate Inferred Resources.

Cut-off Grades

The reported Mineral Resources are constrained to the mineral wireframe with a partial percent volume adjustment for the block in contact with the wireframe. No cut-off grade was applied to the Mineral Resources, although the mineral wireframe had been designed to a nominal 20% Al_2O_3 cut-off. The lack of an actual cut-off grade at which the resource is quoted reflects an intended bulk-mining approach of the entire wireframed extent of the mineralisation.

Mining, Metallurgical and Environmental Assumptions

It is envisaged that the deposit, which will be free-digging and require no crushing or screening, will be bulk mined in an open pit using a track mounted scraper or grader removing modest increments of material every 3 to 5 years. Track mounted trucks will be used to remove the mineralisation from mined areas to ROM stockpiles. The model block size (50 m by 50 m) is effectively the minimum mining dimension for this estimate. Any internal dilution has been factored in with the modelling and as such is appropriate to the block size.

The raw lake clay will be transported to an offsite processing facility, likely to be an industrial yard in either Kalgoorlie or Perth. Processing will comprise a simple wash and filter circuit to recover the lake clays which will then be subject to low temperature roasting, crystallisation and purification. It is assumed that there will be no significant problems in generating a HPA product and no penalty elements have been identified thus far.

The area lies within flat terrain with broad watercourses and dry bed lakes. The landscape also comprises sand dunes up to ~10m height, but with low relief. Vegetation comprises eucalyptus marri scrub to 12m height, heath, and scrub, with significant gum trees around the eastern dune areas, typical for that part of Western Australia.

The groundwater in the lake is naturally hypersaline and acidic and the lake clay is a nett acid generating material. The intention is to line the ROM pads with an impermeable membrane such that all run off will be collected and returned to the lake surface. There are large flat areas available adjacent to the lake for ROM pad construction that have limited or no native vegetation. Preliminary desktop studies have not identified any protected or rare species of flora or fauna in the area. Detailed baseline environmental field studies will commence later in 2023.

An initial Heritage Survey is planned for late June-early July 2023.

Reasonable Prospects for Eventual Economic Extraction

Impact considers that work to date indicates that the Mineral Resource at Lake Hope has a reasonable prospect of eventual economic extraction (RPEEE). This includes:

- Alumina of 99.99% purity (HPA) has been produced from the representative material via the proprietary sulphuric acid metallurgical process (ASX Release 21st March 2023).
- The HPA produced meets available chemical purity specifications for a range of end uses and it is assumed that it may eventually be sold.
- No fatal deleterious elements have been identified within the mineralisation, mineral resource or HPA product.
- The proposed mining process is a low-risk, low cost free-dig, open pit truck and shovel operation.
- Initial economic modelling shows the proposed metallurgical processing and mining method could be profitable based on preliminary process modelling and various assumptions applicable to the data available.
- The Mineral Resource is of a sufficient size that the proposed mining rates are capable of being sustained for a sufficient length of time, potentially more than 20 years, to allow economic extraction.
- No impediment is anticipated to extraction exists from cultural, heritage or environmental considerations.

Insufficient technical and economic study work has been completed to define any ore reserves.

About the Lake Hope Project

The Lake Hope Project covers numerous prospective salt lakes between Hyden and Norseman in southern Western Australia, a Tier One jurisdiction (Figure 1). It comprises one granted exploration licence (E63/2086), covering the Lake Hope deposits already discovered, together with five further exploration licence applications (ELA63/2317, 2318 and 2319, and ELA74/673 and 764) which are poorly explored. The tenements cover about 238 km^2 and are all 100% owned by Playa One Pty Limited.

Impact has the right to earn an interest in the company Playa One Pty Limited as follows (ASX Releases 1st and 4th May 2023):

1. Upon completion of a PFS, Impact can enter an incorporated joint venture with the Playa One shareholders (through an entity representing them, Playa Two Pty Ltd). If so, it will acquire an immediate 80% interest in Playa One by issuing, subject to shareholder approval, up to 120 million fully paid ordinary shares capped at a maximum value of $8 million (based on the 5-day VWAP before the election) to the Playa One Shareholders.

2. Upon completion of a Definitive Feasibility Study to be sole-funded by Impact, subject to shareholder approval, Impact will issue up to 100 million fully paid ordinary shares capped at a maximum value of $10 million (based on the 5-day VWAP before the ASX announcement of the completion of the DFS) to the Playa One Shareholders.

3. Playa One shareholders will be free-carried to a Decision to Mine. Impact will maintain all Playa One tenements in good standing during this time.

4. If a Decision to Mine is made, the Playa One Shareholders may contribute to mine development costs or be diluted. If their interest falls below 7.5%, it will convert to a 2% net smelter royalty.

This announcement has been approved for release to the ASX by Dr Michael Jones, the Managing Director of Impact Minerals Limited.

Dr Michael G Jones
Managing Director

The information in this report that relates to Exploration Results and metallurgical test work is based on, and fairly represents, information and supporting documentation prepared by Roland Gotthard, a consultant geologist to Impact Minerals Limited. Mr Gotthard is a Member of the Australasian Institute of Mining and Metallurgy, and he has sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activity which has been undertaken to qualify as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (The JORC Code). Mr Gotthard consents to the inclusion in this release of the matters based on the information in the form and context in which they appear.

The data in this report that relates to Mineral Resource Estimates is based on information evaluated by Mr Simon Tear who is a Member of The Australasian Institute of Mining and Metallurgy (MAusIMM) and who has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the "JORC Code"). Mr Tear is a Director of H&S Consultants Pty Ltd and he consents to the inclusion in the report of the Mineral Resource in the form and context in which they appear.

Forward Looking Statements: This announcement contains 'forward-looking information' that is based on the Company's expectations, estimates and projections as of the date on which the statements were made. This forward-looking information includes, among other things, statements with respect to the Company's business strategy, plans, development, objectives, performance, outlook, growth, cash flow, projections, targets and expectations, mineral reserves and resources, results of exploration and related expenses. Generally, this forward-looking information can be identified by the use of forward-looking terminology such as 'outlook', 'anticipate', 'project', 'target', 'potential', 'likely', 'believe', 'estimate', 'expect', 'intend', 'may', 'would', 'could', 'should', 'scheduled', 'will', 'plan', 'forecast', 'evolve' and similar expressions. Persons reading this announcement are cautioned that such statements are only predictions, and that the Company's actual future results or performance may be materially different. Forward-looking information is subject to known and unknown risks, uncertainties and other factors that may cause the Company's actual results, level of activity, performance or achievements to be materially different from those expressed or implied by such forward-looking information.

Impact Minerals Limited Interactive Investor Hub
Engage with us directly by asking questions, watching video summaries, and seeing what other shareholders have to say about this and past announcements at our Investor Hub https://investors.impactminerals.com.au/welcome

JORC Code, 2012 Edition – Table 1

Section 1 Sampling Techniques and Data

Criteria	JORC Code explanation	Commentary
Sampling techniques	• *Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.* • *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* • *Aspects of the determination of mineralisation that are Material to the Public Report.* • *Description of 'industry standard' work*	• Mineralisation comprises light brown to light grey, dense, plasticine-consistency salt • The salt is a nanometre sized colloidal precipitate of various sulphates, clays and silica • Sampling comprised two methods: hand auger drilling and push-tube drilling • Samples were generally of 0.5m in length (generally 3-4kg in weight) or under geological control, with the whole sample bagged in plastic bags sealed with cable ties. • Sample preparation and analysis was completed at a commercial laboratory (Intertek WA) using industry standard practices. • Mineralisation comprises a flat-lying evaporitic lake sequence and is bound by the margins of the lake by sand dunes
Drilling techniques	• *Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).*	• Auger drilling using a 70mm hand auger with spoon bit within dry clay horizons. 174 holes. • Auger samples recovered by removing cut salt clay from the drill bit • Push tube drilling using 55mm and 65mm PVC tubes hammered into salt. 122 holes. • Samples recovered from push tubes by hammering or cutting the salt interval out of the tube. • Core is unoriented
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.* • *Measures taken to maximise sample recovery and ensure representative nature of the samples.* • *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	• Auger sample quality is considered good based on visual observation of salt consistency, moisture, and recovery. • Auger sample recovery was observed to be good to excellent with limited effects of excess moisture. • Core recovery for Push tube sample is based on measurement of the material in the Perspex tube compared to hole depth. Measured vs recovered length was near 100% in all cases. • The push tube method is considered more appropriate for the type of deposit. • Qualitative auger recovery data precludes observing any relationship between metal grade and recovery for this method
Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* • *The total length and percentage of the relevant intersections logged.*	• 100% of holes logged visually on 5-10cm increments for colour, grain size, moisture and stiffness. • Mineralogy is impossible to determine visually . • Photography of intact core specimens exists for 40 holes. For push tube holes where core was not intact enough to be meaningful, no photos were taken. • Photographs of 168 of 254 holes were taken. • Logging is qualitative in nature as the grain size is too fine to allow visual identification of mineralogy even under hand lens or electron microscope . • X-ray diffraction analysis was undertaken on 100 samples. XRD was used to infer mineralogical composition to a minimal level of confidence and infer mineral percentages for samples via regression of XRF assays.
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.*	• 0.5m sampling intervals were utilised where practicable • Whole core sample intervals were submitted for analysis • Samples were dried, crushed to 1mm and then riffle split to give a 300g sub sample that was then pulverised to 80% passing 75 microns, which homogenised the clay.

Criteria	JORC Code explanation	Commentary
	• *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/second-half sampling.* • *Whether sample sizes are appropriate to the grain size of the material being sampled.*	• Limited pulverising QAQC has been undertaken to ensure laboratory homogenisation of the samples. • No wet samples were encountered. Most samples would be classed as moist clay. • Sample preparation techniques are considered appropriate. • 49 Field duplicates were taken. For auger drilling this involved sampling 50% to each duplicate from the opposite sides of the auger. A video is available to show this process. For the push tube drilling, cores were cut in half with a knife to produce a duplicate of the sample. • Sample sizes are appropriate to grain size of the material being sampled

Criteria	JORC Code explanation	Commentary
Quality of assay data and laboratory tests	• *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* • *For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.* • *Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.*	• Samples were assayed via lithium borate fusion and XRF quantification via FB1/XRF10 or FB1/XRF30. The technique is considered a total digest technique. • The assay method is considered appropriate for the material and elements reported • Samples were assayed by laser sizer, reporting 100% of particles <16 microns. Scanning electron microscope imagery demonstrates particle sizes of 40-300 nanometres. Laser sizing is considered incapable of adequately measuring the natural particle sizes. • Ten pulps were assayed for specific gravity via gas pycnometer • 34 solid clay samples from test pitting were measured for SG via wax immersion, with a minimum SG of 1.83 • Moisture content was measured by LOD/GR1 on 34 solid mud samples obtained by test pitting, and 90 clay sub-samples, showing an average moisture content of 27% • 23 field duplicate samples were assayed (3% of sample population). Duplicates showed acceptable deviance for 23 of the 25 duplicates (+/- 10%). • No CRMs exist which are an exact matrix match for the lake clays. Bauxite and iron ore CRM's were used to check laboratory Al2O3 performance. • Five replicates of Bauxite Certified Reference Material GBAP-16 were inserted blindly in the sample runs. Laboratory performance was within published ranges for all elements except Loss On Ignition and SiO_2. • Four replicates of Iron Ore standard GIOP-128 were assayed, with results within acceptable parameters. • Internal laboratory checks included assaying of internal standards, duplicates, and blanks. • Laboratory assays of GBAP-16 were within range of company supplied GBAP-16 CRMs. • Laboratory performance of blanks were acceptable. • Laboratory duplicates were within acceptable variability.

Criteria	JORC Code explanation	Commentary
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	• Mike Jones MD of Impact made two visits to site to review the drilling and core samples. • No independent verification has been completed. • 2 auger holes were twinned by push tube holes and are comparable in grade for the same sample interval. • Twelve auger holes were twinned by push tube and were similar in grade, with minor variation (~1-2% Al_2O_3) • Discrepancies between assay averages of auger and push tube holes are considered related to drilling method as well as assay methodology. • Drill holes were logged in the field on 5-10cm basis with data recorded into a notebook and transcribed into digital format. • Data is stored in a Datashed relational database and is backed up physically and virtually. • No adjustments to primary assay data haves been made except for MnO% which is below detection limit. • Where an assay is below detection limit a value of ½ of the lower detection limit is used.
Location of data points	• *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.* • *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	• 272 of 307 auger holes and push tube holes surveyed by LJ21 RTK DGPS to 0.03m triaxial accuracy • 35 push tube and auger holes surveyed by handheld GPS to +/-3m accuracy • No downhole surveys were undertaken. Holes are vertical and generally <2m long ie minimum chance of significant deviation. • Datum is MGA 2020 Zone 51 South • Topographic control is based on the DGPS measurements but it should be noted that the mineralisation is a lake deposit and therefore can be considered almost flat. • A centimetre resolution digital terrain model of the entire tenement has been completed
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.* • *Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.* • *Whether sample compositing has been applied.*	• Spacing is a nominal offset 100m x 100m grid • Downhole sampling is generally 0.5m • No sample composites were collected for primary assays. • The observed logging demonstrates excellent continuity of mineralisation between adjacent holes • Continuity is sufficient to support reporting of a Mineral Resource
Orientation of data in relation to geological structure	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* • *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	• *Vertical drilling of flat lake beds results in orthogonal penetration angle* • *Down hole widths are true widths, and therefore no sampling bias has been introduced.*
Sample security	• *The measures taken to ensure sample security.*	• Samples were sealed in individually numbered plastic bags with zip ties • Where necessary plastic bags were packed in polyweave sacks and sealed with a zip tie • Samples were delivered to the laboratory directly by company personnel to ensure complete chain of custody
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• No audits or reviews of sampling techniques and data have been completed.

Section 2 Reporting of Exploration Results

Criteria listed in the preceding section also apply to this section

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	• *Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.* • *The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.*	• E63/2086 Lake Hope • E63/2317 • E63/2318 • E63/2319 • E64/673 • E64/674 • 100% Playa One Pty Ltd • Native Title Agreements are in place with Native Title parties • No known impediment to exploitation is known • No national parks, nature reserves or other licenses interact with E63/2086
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• Nil
Geology	• *Deposit type, geological setting and style of mineralisation.*	• Evaporite salt deposit • Salt lakes within evaporitic basins within the granite terrane of the Yilgarn Craton, Western Australia • Lacustrine evaporite sulphate salts hosted within flat-lying sheet deposits
Drill hole Information	• *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:* • *easting and northing of the drill hole collar* • *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* • *dip and azimuth of the hole* • *down hole length and interception depth and hole length.* • *If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.*	• All drill hole information is included in Appendix 1 • All sample assay information is provided in Appendix 2
Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.* • *Where aggregate intercepts incorporate short lengths of high-grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.* • *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	• Intersections containing multiple samples are weighted by length into a total intersection. • No lower cut-off grade as it is possible all of the material can be mined. • No upper cut-off is used as the material is homogeneous with no extreme values

Section 3 Estimation and Reporting of Mineral Resources

Criteria listed in the preceding section 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.*	• Data collated by Impact from hardcopy logging as a series of Excel spreadsheets.
		• Logging data is validated by Impact's database manager and then imported into the Impact DataShed database.
		• Responsibility for the data resides with Impact.
		• Data supplied to H&SC as a series of CSV files for collars, surveys, alteration, lithology, assays (XRF & XRD) and density.
		• H&SC has compiled an MSAccess database for the Lake Hope deposits that was then linked to the Surpac mining software for further work.
		• Database checks completed by H&SC include:
		  o Data was imported into an MSAccess database with indexed fields, including checks for duplicate entries, unusual assay values and missing data.
		  o Additional error checking using the Surpac database audit option for incorrect hole depth, sample/logging overlaps and missing downhole surveys.
		  o Manual checking of logging codes for consistency, plausibility of drill hole trajectories and assay grades. Modifications made to lithology codes for easier use in interpretation.
		• Assessment of the data confirms that it is suitable for resource estimation.

Site visits	• *Comment on any site visits undertaken by the Competent Person and the outcome of those visits.* • *If no site visits have been undertaken indicate why this is the case.*	• Roland Gotthard, Consultant Geologist & Project Manager for Impact completed numerous site visits, undertook and supervised the logging and sampling, and all geological mapping. • No site visit to the project was completed by H&SC due to time and budgetary constraints.
Geological Interpretation	• *Confidence in (or conversely, the uncertainty of) the geological interpretation of the mineral deposit.* • *Nature of the data used and of any assumptions made.* • *The effect, if any, of alternative interpretations on Mineral Resource estimation.* • *The use of geology in guiding and controlling Mineral Resource estimation.*	• Interpretation of the drillhole database allowed for the generation of 3D mineral constraining solids on 50m spaced N-S sections for both West Lake and East Lake deposits. • Definition of the wireframes was relatively straightforward with snapping of strings to drillholes at the appropriate downhole position allowing for a reasonable level of confidence. • A single mineral zone was defined for each deposit using the lake surface boundary and the geological logging of alunite in conjunction with Al_2O_3, SiO_2, K_2O, Fe_2O_3 and SO_3 grades plus geological sense eg tapering margins. A nominal 20% Al_2O_3 was used to define the base of mineralisation. • A 2D digital plan outline of the two lake deposits was taken from Impact's geological mapping and used to constrain the mineral wireframe. • The drilling has generally reached the base of mineralisation. Some of the earlier holes stopped short of the mineral base. An occasional drillhole has terminated in granitic alunite material. • Where the base of mineralisation was not necessarily intersected in the drilling the interpreted basal surface was horizontally extrapolated from nearby holes which had passed through the mineralisation. • The basic geological model of a flat lying stratiform lake bed deposit appears to be reasonable and appropriate for resource estimation. • Alternative interpretations are possible for the mineral zone definition but are unlikely to significantly affect the estimates. • The style of mineralisation and the orebody type means there is a strong horizontal control to the alunite grade & geological continuity.
Dimensions	• *The extent and variability of the Mineral Resource expressed as length (along strike or otherwise), plan width,*	• Mineralisation is flat lying. • Mineral dimensions are:

Criteria	JORC Code explanation	Commentary
	and depth below surface to the upper and lower limits of the Mineral Resource.	○ West Lake : areal extent 1.6km by 1.6km with an average thickness from the sampling of 0.95m, maximum depth is 1.6m and a surface area of 1.33Mm2. ○ East Lake : areal extent 1.6km by 0.6km with an average thickness from the sampling of 0.98m, maximum depth is 2.0m and a surface area of 0.76Mm2. • Mineralisation is exposed at surface.
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.*	• The estimation technique employed by H&SC for both deposits was a standard 3D block model with Ordinary Kriging of composited assay data. • Surpac mining software was used for the geological interpretation, compositing and the block model validation and reporting. The variography and Ordinary Kriging were completed using H&SC's in-house GS3M software. • A nominal 0.5m composite interval was employed, generated using the mineral wireframe and the 'best fit' option in Surpac (considerably reduces the number of residual samples). The mineral zone was treated as a hard boundary during estimation. • Al_2O_3 was modelled separately for both lake deposits. • H&SC considers the Ordinary Kriging technique to be an appropriate estimation technique for this type of mineralisation based on visual observations of the drilling data and the outcomes from the summary statistics for the composite data. • No top cuts were applied to the data due to an absence of extreme values and low coefficients of variation for the modelled elements. • A total of 251 and 212 composites, for the West Lake and East Lake respectively, of variable length were used to estimate the mineralised lake sediments. • Domaining was limited to the 3D outline of the mineral zone. • No assumptions were made regarding the recovery of any by-products. • 2D variography in the X (E-W) and Y (N-S) directions was performed using the composite data. Grade continuity was reasonable for the West Lake and modest to weak for the East Lake. • Drill holes are spaced on a relatively regular grid with a nominal spacing of 100m by 100m. • Block dimensions are 50m by 50m in the X & Y directions with 0.75m in the Z direction. No sub-blocking was considered necessary with the Mineral Resources reported using a partial percent volume adjustment generated by the mineral wireframes. • The X- and Y-axis dimensions were chosen based on the 100m spaced drilling. Discretisation was set to 5 x 5 x 2 (X, Y & Z respectively). • Grade interpolation used an expanding 3D search pass strategy with the search parameters taking in the geometry of the mineralisation, the drill spacing and the variography. Modelling consisted of one set of 3 search passes. The minimum search used was 150m by 150m (X & Y) and 0.5m (Z)and expanding in 150m increments to 600m by 600m. The minimum number of data was 6 samples for Pass 1 decreasing to a minimum of 1 data for Pass 6. The search orientations were horizontal in keeping with the geometry of the mineralisation. • The maximum extrapolation of the estimates is 360m. • The estimation procedure was reviewed as part of an internal H&SC peer review. • No deleterious elements have been factored in. • The final block model was reviewed visually by H&SC and it was concluded that the block model fairly represents the grades observed in the drill holes. H&SC also validated the block model statistically using a variety of histograms and summary statistics.

Criteria	JORC Code explanation	Commentary
		• Initial resource models using the gridded seam technique were completed for both the West and East Lake deposits. prior to the supply of the 2023 drilling data. The East Lake gridded seam model showed no significant difference with the current model on account of the new drilling being infill drilling. The West Lake gridded seam model indicated a very similar grade to the current model with the larger size of the current model due to a new area to the north being drilled, plus increased depths due to the new infill drilling. • Validation confirmed the modelling strategy as acceptable with no significant issues. • No production has taken place so no reconciliation data is available.
Moisture	• *Whether the tonnages are estimated on a dry basis or with natural moisture, and the method of determination of the moisture content.*	• Tonnages are estimated on a dry weight basis. • Moisture was determined by using the laboratory process LOD105/SG Loss on drying at 105oC for 12 hours. • 27 samples weighing between 20 and 80g were collected with an average moisture content of 27.4%
Cut-off parameters	• *The basis of the adopted cut-off grade(s) or quality parameters applied.*	• The reported Mineral Resources are constrained to the mineral wireframe with a partial percent volume adjustment for the block in contact with the wireframe. • No cut-off grade was applied, although the mineral wireframe had been designed to a nominal 20% Al_2O_3 cut off. • The Mineral Resources are reported to a maximum depth of 1.8m below surface as part of the consideration for “reasonable prospects for eventual of economic extraction”. • The lack of a cut-off grade at which the resource is quoted reflects an intended bulk-mining approach.
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 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.*	• H&SC’s understanding is that the deposits will be mined using a bulk mining open pit scenario. • Mining method, as advised by Impact, is likely to be a track mounted scraper or grader with a low ground bearing capacity, removing modest increments of material (up to 25cm or so) on a 3-5 year campaign strategy. Track mounted trucks will be used to remove the mineralisation from mined area. • The model block size (50m by 50m) is the effective minimum mining dimension for this estimate. • Any internal dilution has been factored in with the modelling and as such is appropriate to the block size. • Groundwater impacts can be managed.
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.*	• XRD mineralogy has identified sulphates and clay minerals as the major minerals present with localised accumulations of silica, generally on the periphery of the deposit. Other minor mineral components include opaline silica, feldspar and mica. • H&SC’s understanding is that the mined material will be subject to a standard processing technique for this type of commodity and deposit. • A simple wash and filtering to recover the ore minerals will be followed by a low temperature roasting, crystallisation and purification. • No screening of quartz is necessary as the grain size of the material is 100% <16 microns for the vast majority of the lake mud. • It is assumed that there will be no significant problems in generating a High Purity Alumina product. • No penalty elements have been identified in the work so far.
Environmental factors or assumptions	• *Assumptions made regarding possible waste and process residue disposal options. It is always necessary as part*	• The landscape comprises sand dunes up to ~10m height, with low relief. • The area lies within flat terrain with broad watercourses

Criteria	JORC Code explanation	Commentary
	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.	and dry bed lakes. • Vegetation comprises eucalyptus marri scrub to 12m height, heath, and scrub, with significant gum trees around the eastern dune areas, typical of that part of Western Australia. • The mud itself is a nett acid generating material so preventative measures will have to be employed to control any acid mine drainage. • The groundwater is naturally hypersaline and acidic and will require appropriate management. • There are large flat areas for tailings and ROM pad development.
Bulk density	• *Whether assumed or determined. If assumed, the basis for the assumptions. If determined, the method used, whether wet or dry, the frequency of the measurements, the nature, size and representativeness of the samples.* • *The bulk density for bulk material must have been measured by methods that adequately account for void spaces (vughs, porosity, etc.), moisture and differences between rock and alteration zones within the deposit.* • *Discuss assumptions for bulk density estimates used in the evaluation process of the different materials.*	• Density data was supplied as a series of selected samples. • Density was measured by three methods, the last two are considered appropriate for the deposit type: • Air pycnometer: indicated higher than expected results attributable to bioturbation effects from insect life. Results discounted. • Individual push tube samples ranging between 30 and 70 cm long. Inside diameter of tube known (volume), weight of sample is known therefore density can be calculated. A total of 21 samples were collected with an average of 1.85t/m3 for the West Lake and 2.01 t/m3 for the East Lake. Overall average is 1.93t/m3. • Small scale surface pitting produced 36 'sample cubes' from the top 20cm of each lake. Density was determined using the weight in air-weight in water method (Archimedes Principle) on waxed sealed samples. Average value for the West Lake was 1.87t/m3 (26 samples) and 1.80t/m3 for the East Lake (10 samples). Overall average 1.85t/m3. • A default density of 1.85/m3 was used for reporting tonnages for the Mineral Resources.
Classification	• *The basis for the classification of the Mineral Resources into varying confidence categories.* • *Whether appropriate account has been taken of all relevant factors (i.e. 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).* • *Whether the result appropriately reflects the Competent Person's view of the deposit.*	• Mineral Resources have been classified on sample spacing, grade continuity, QAQC and geological understanding. • All other relevant factors have been taken into consideration eg drilling methods, density data, topography etc. • Estimation search passes 1 and 2 are classed as Indicated Resources whilst pass 3 is used to allocate Inferred Resources. • The classification appropriately reflects the Competent Person's view of the deposit.
Audits or reviews	• *The results of any audits or reviews of Mineral Resource estimates.*	• No audits completed. • The estimation procedure has been reviewed as part of an internal H&SC peer review including check models.
Discussion of relative accuracy/ confidence	• *Where appropriate a statement of the relative accuracy and confidence level in the Mineral Resource estimate using an approach 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.*	• The relative accuracy and confidence level in the Mineral Resource estimates are considered to be in line with the generally accepted accuracy and confidence of the nominated Mineral Resource categories. This has been determined on a qualitative, rather than quantitative, basis, and is based on the Competent Person's experience with similar deposits. • The geological nature and interpretation of the deposit, the grade interpolation technique, the composite/block grade comparison (block model validation) and the modest coefficients of variation lend themselves to a reasonable level of confidence in the resource estimates. • The Mineral Resource estimates are considered to be reasonably accurate globally, but there is some uncertainty

Criteria	*JORC Code explanation*	*Commentary*
	• *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.* • *These statements of relative accuracy and confidence of the estimate should be compared with production data, where available.*	in the local estimates due to the current drillhole spacing, which may not pick up some small scale clustering of grade and/or localised domains of different grade. • No mining of the deposit has taken place so no production data is available for comparison.

Appendix 1

Drill Hole Information

Hole_ID	Hole_Type	Max_Depth	NAT_East	NAT_North	NAT_RL	Collar_Azimuth	Collar_Dip
LHA001	AUG	1.5	243498	6409123	309	270	-90
LHA002	AUG	1	243672	6409248	309	270	-90
LHA003	AUG	1	243499	6409375	309	270	-90
LHA004	AUG	1	243286.1	6409244.85	308.99	270	-90
LHA005	AUG	1	243005	6409374	309	270	-90
LHA006	AUG	1	242752	6409252	309	270	-90
LHA007	AUG	1	242997	6409125	309	270	-90
LHA008	AUG	1.5	240744.03	6410497.89	309.36	270	-90
LHA009	AUG	1.5	240998.47	6410296.23	309.37	270	-90
LHA010	AUG	1.5	240989.15	6410695.96	309.39	270	-90
LHA011	AUG	1.85	243781.71	6409151	309.15	270	-90
LHA012	AUG	1.7	243781.82	6409248.64	309.06	270	-90
LHA013	AUG	1.7	243782.07	6409349.12	309.04	270	-90
LHA014	AUG	1.7	243628.9	6409447.14	309.06	270	-90
LHA015	AUG	1.7	243629.38	6409346.75	309.06	270	-90
LHA016	AUG	1.65	243629.32	6409247.12	309.04	270	-90
LHA017	AUG	1.7	243629.16	6409146.89	309.05	270	-90
LHA018	AUG	0.7	243629.33	6409045.59	309.05	270	-90
LHA019	AUG	1.65	243581.48	6409092.49	309.04	270	-90
LHA020	AUG	1.7	243580.48	6409194.36	309.02	270	-90
LHA021	AUG	1.7	243578.85	6409297.41	309.02	270	-90
LHA022	AUG	1.7	243578.82	6409398.23	309.04	270	-90
LHA023	AUG	2	243527.63	6409348.79	309.06	270	-90
LHA024	AUG	1.6	240696.45	6410346.92	309.39	270	-90
LHA025	AUG	1.65	243529.53	6409147.71	309.04	270	-90
LHA026	AUG	1.6	243531	6409047.82	309.04	270	-90
LHA027	AUG	1.5	243429.2	6409097.59	309.03	270	-90
LHA028	AUG	1.55	243428.78	6409248.92	309.02	270	-90
LHA029	AUG	1.6	243428.18	6409400.22	309.02	270	-90
LHA030	AUG	1.55	243328.67	6409447.94	309.02	270	-90
LHA031	AUG	1.75	243327.98	6409348.17	309.01	270	-90
LHA032	AUG	1.5	243330.7	6409246.93	308.99	270	-90
LHA033	AUG	1.5	243329.64	6409145.39	309.01	270	-90
LHA034	AUG	1	243328.96	6409045.61	309.01	270	-90
LHA035	AUG	1.7	243276.15	6409399.86	308.99	270	-90
LHA036	AUG	1.75	243275.45	6409298.09	308.99	270	-90
LHA037	AUG	1.6	243275.89	6409199.62	308.98	270	-90
LHA038	AUG	1.75	243275.53	6409097.88	308.98	270	-90
LHA039	AUG	1	243276.05	6408997.54	308.99	270	-90
LHA040	AUG	1	243226.52	6409049.95	308.99	270	-90
LHA041	AUG	1.65	243227.32	6409151.18	309.01	270	-90
LHA042	AUG	1.55	243226.37	6409251.09	308.99	270	-90
LHA043	AUG	1	243225.5	6409453.14	309.01	270	-90
LHA044	AUG	1.5	243225.51	6409349.85	308.99	270	-90
LHA045	AUG	1	243124.76	6409400.46	308.97	270	-90
LHA046	AUG	1.6	243125.67	6409299.26	308.98	270	-90
LHA047	AUG	0.8	243125.36	6408997.06	308.98	270	-90
LHA048	AUG	1	243125.25	6409097.87	308.97	270	-90
LHA049	AUG	1.6	243125.28	6409198.22	308.96	270	-90
LHA050	AUG	1.1	243023.41	6409399.08	308.98	270	-90
LHA051	AUG	1.55	243023.5	6409297.9	308.97	270	-90
LHA052	AUG	1.5	243023.2	6409197.09	308.95	270	-90
LHA053	AUG	0.9	243023.44	6409096.53	308.97	270	-90
LHA054	AUG	0.75	243023.84	6408995.76	308.98	270	-90
LHA055	AUG	0.7	242973.7	6409449.42	308.99	270	-90
LHA056	AUG	0.9	242974.03	6409348.85	308.99	270	-90
LHA057	AUG	1.45	242973.86	6409248.24	308.98	270	-90
LHA058	AUG	1.45	242973.77	6409147.91	308.98	270	-90
LHA059	AUG	0.75	242974.67	6409045.96	308.98	270	-90
LHA060	AUG	0.7	242821.63	6409098.91	308.98	270	-90
LHA061	AUG	0.9	242820.62	6409198.67	308.96	270	-90

Hole_ID	Hole_Type	Max_Depth	NAT_East	NAT_North	NAT_RL	Collar_Azimuth	Collar_Dip
LHA062	AUG	1.3	242821.99	6409300.18	308.97	270	-90
LHA063	AUG	1	242819.69	6409400.83	308.99	270	-90
LHA064	AUG	0.35	242772.13	6409045.25	308.98	270	-90
LHA065	AUG	0.7	242771.01	6409146.44	308.96	270	-90
LHA066	AUG	1.3	242771.86	6409247.08	308.96	270	-90
LHA067	AUG	0.8	242770.35	6409347.9	308.97	270	-90
LHA068	AUG	0.5	242771.09	6409449.09	308.96	270	-90
LHA069	AUG	0.6	242621.27	6409447.81	308.97	270	-90
LHA070	AUG	1.1	242621.2	6409346.9	308.97	270	-90
LHA071	AUG	0.8	242622.15	6409245.54	308.98	270	-90
LHA072	AUG	0.35	242620.45	6409144.33	308.95	270	-90
LHA073	AUG	0.4	242574	6409197.13	308.97	270	-90
LHA074	AUG	0.75	242573.64	6409297.75	308.97	270	-90
LHA075	AUG	1.1	242573.33	6409398.74	308.97	270	-90
LHA076	AUG	0.45	242420.16	6409245.05	308.97	270	-90
LHA077	AUG	1	242418.51	6409294.68	308.98	270	-90
LHA078	AUG	0.75	242420.19	6409345.93	308.99	270	-90
LHA079	AUG	0.45	242419.59	6409396.36	309.01	270	-90
LHA080	AUG	0.4	242344.31	6409260.79	309	270	-90
LHA081	AUG	1.4	241699.36	6410096.37	309.39	270	-90
LHA082	AUG	2.2	241700.17	6410196.42	309.34	270	-90
LHA083	AUG	2.2	241699.93	6410296.15	309.32	270	-90
LHA084	AUG	2.2	241699.37	6410396.88	309.41	270	-90
LHA085	AUG	1.3	241699.12	6410496.49	309.48	270	-90
LHA086	AUG	1.3	241700.36	6410597.09	309.53	270	-90
LHA087	AUG	1.4	241699.91	6410697.41	309.56	270	-90
LHA088	AUG	1.5	241699.07	6410796.38	309.6	270	-90
LHA089	AUG	1.4	241699.76	6410897.2	309.61	270	-90
LHA090	AUG	1.45	241698.81	6410997.82	309.61	270	-90
LHA091	AUG	1.25	241497.3	6410797.27	309.53	270	-90
LHA092	AUG	1.5	241497.05	6410696.5	309.5	270	-90
LHA093	AUG	1.3	241498.19	6410597.4	309.45	270	-90
LHA094	AUG	1.25	241496.8	6410496.76	309.43	270	-90
LHA095	AUG	1.2	241497.92	6410396.27	309.41	270	-90
LHA096	AUG	1.2	241498.16	6410297.12	309.36	270	-90
LHA097	AUG	1.2	241497.2	6410197.3	309.37	270	-90
LHA098	AUG	1.25	241498.82	6410098.3	309.35	270	-90
LHA099	AUG	0.95	241497.8	6409997.29	309.4	270	-90
LHA100	AUG	1.2	241298.23	6409998.46	309.42	270	-90
LHA101	AUG	1.2	241298.43	6410097.78	309.37	270	-90
LHA102	AUG	1.2	241297.61	6410196.76	309.36	270	-90
LHA103	AUG	1.25	241296.5	6410296.62	309.35	270	-90
LHA104	AUG	1.2	241298.51	6410397.86	309.36	270	-90
LHA105	AUG	1.2	241298.99	6410497.42	309.34	270	-90
LHA106	AUG	1.2	241297.4	6410597.04	309.39	270	-90
LHA107	AUG	1.25	241297.17	6410696.55	309.43	270	-90
LHA108	AUG	1.2	241199.85	6410693.38	309.39	270	-90
LHA109	AUG	1.2	241199.71	6410595.02	309.39	270	-90
LHA110	AUG	1.25	241200.17	6410494.43	309.38	270	-90
LHA111	AUG	1.2	241199.66	6410394.72	309.36	270	-90
LHA112	AUG	1.2	241200.12	6410294.99	309.36	270	-90
LHA113	AUG	1.2	241200	6410196.49	309.39	270	-90
LHA114	AUG	1.2	241199.91	6410093.86	309.42	270	-90
LHA115	AUG	1.2	240997.94	6410245.03	309.38	270	-90
LHA116	AUG	1.2	240997.89	6410345.51	309.38	270	-90
LHA117	AUG	1.15	240998.02	6410444.59	309.37	270	-90
LHA118	AUG	1.15	240997.05	6410545.11	309.38	270	-90
LHA119	AUG	1.2	240997.53	6410644.5	309.4	270	-90
LHA120	AUG	1.1	240996.25	6410745.54	309.43	270	-90
LHA121	AUG	0.8	240796.62	6410695.84	309.43	270	-90
LHA122	AUG	1.1	240796.8	6410596.21	309.4	270	-90
LHA123	AUG	1.1	240796.76	6410496.33	309.36	270	-90
LHA124	AUG	1.2	240797.02	6410395.84	309.38	270	-90
LHA125	AUG	0.8	240799.32	6410294.59	309.38	270	-90
LHA126	AUG	0.3	240598.11	6410794.7	309.45	270	-90

Hole_ID	Hole_Type	Max_Depth	NAT_East	NAT_North	NAT_RL	Collar_Azimuth	Collar_Dip
LHA127	AUG	0.75	240598.06	6410694.61	309.41	270	-90
LHA128	AUG	1.15	240597.98	6410594.95	309.4	270	-90
LHA129	AUG	1.25	240598.14	6410495.46	309.4	270	-90
LHA130	AUG	1.15	240597.64	6410394.82	309.4	270	-90
LHA131	AUG	1.4	241647.26	6411098.15	309.61	270	-90
LHA132	AUG	1.2	241599.68	6411197.06	309.57	270	-90
LHA133	AUG	1.2	241548.3	6411050.94	309.56	270	-90
LHA134	AUG	1.25	241547.96	6411147.84	309.53	270	-90
LHA135	AUG	1.25	241547.76	6411244.96	309.56	270	-90
LHA136	AUG	1.15	241499.72	6411296.23	309.54	270	-90
LHA137	AUG	1.2	241499.6	6411200.18	309.54	270	-90
LHA138	AUG	1.2	241499.78	6411096.35	309.51	270	-90
LHA139	AUG	0.8	241500.17	6410997.67	309.51	270	-90
LHA140	AUG	1.2	241446.58	6411146.89	309.49	270	-90
LHA141	AUG	1.15	241446.75	6411246.31	309.53	270	-90
LHA142	AUG	1.15	241447.35	6411347.91	309.54	270	-90
LHA143	AUG	1.1	241399.2	6411395.1	309.53	270	-90
LHA144	AUG	1.15	241398.67	6411298.2	309.49	270	-90
LHA145	AUG	1.15	241398.13	6411198.42	309.51	270	-90
LHA146	AUG	0.6	241397.44	6411101.82	309.52	270	-90
LHA147	AUG	0.6	241346.65	6411148.94	309.51	270	-90
LHA148	AUG	1.15	241347.67	6411247.73	309.53	270	-90
LHA149	AUG	1.1	241348.67	6411347.28	309.52	270	-90
LHA150	AUG	0.7	241297.93	6411395.51	309.53	270	-90
LHA151	AUG	0.9	241298.15	6411297.9	309.51	270	-90
LHA152	AUG	0.6	241298.05	6411196.96	309.51	270	-90
LHA153	AUG	0.2	241298.04	6411098.76	309.52	270	-90
LHA154	AUG	0.5	241250.41	6411248.74	309.54	270	-90
LHA155	AUG	0.7	241248.47	6411349.7	309.58	270	-90
LHA156	AUG	0.45	241198.86	6411397.14	309.57	270	-90
LHA157	AUG	6	241199.05	6411298.12	309.55	270	-90
LHA158	AUG	0.25	241199.2	6411198.99	309.49	270	-90
LHA159	AUG	1.3	241600.06	6410899.23	309.55	270	-90
LHA160	AUG	1.25	241400	6410401	309	270	-90
LHP001	PUSH	0.45	243165.96	6409024.81	308.97	0	-90
LHP002	PUSH	0.6	243162.43	6409164.93	308.97	0	-90
LHP003	PUSH	0.6	243151.82	6409320.99	308.98	0	-90
LHP004	PUSH	0.6	243139.54	6409464.31	309	0	-90
LHP005	PUSH	0.6	243287.11	6409247.56	308.98	0	-90
LHP006	PUSH	0.6	243407.39	6409460.81	309.03	0	-90
LHP007	PUSH	0.6	243407.07	6409312.54	309.01	0	-90
LHP008	PUSH	0.55	243409.75	6409176.71	309	0	-90
LHP009	PUSH	0.6	243406.74	6409028.46	309.01	0	-90
LHP010	PUSH	0.7	241411.25	6409933.27	309.41	0	-90
LHP011	PUSH	0.7	241606.32	6410091.19	309.33	0	-90
LHP012	PUSH	0.7	241645.96	6410497.45	309.45	0	-90
LHP013	PUSH	0.3	241739.4	6410499.6	309.49	0	-90
LHP014	PUSH	0.5	241247	6410105	309	0	-90
LHP015	PUSH	0.5	241246.21	6410290.23	309.38	0	-90
LHP016	PUSH	0.5	241251.37	6410500.5	309.36	0	-90
LHP017	PUSH	0.5	241248.97	6410699.15	309.39	0	-90
LHP018	PUSH	0.5	241445	6410497	309	0	-90
LHP019	PUSH	0.5	241403.8	6410298.23	309.37	0	-90
LHP020	PUSH	0.75	240497.84	6410396.12	309.41	0	-90
LHP021	PUSH	0.8	240497.77	6410497.11	309.39	0	-90
LHP022	PUSH	0.8	240497.71	6410596.06	309.38	0	-90
LHP023	PUSH	0.8	240494.92	6410696.58	309.4	0	-90
LHP024	PUSH	0.6	240700	6410350	309	0	-90
LHP025	PUSH	0.62	240698	6410449.93	309.42	0	-90
LHP026	PUSH	0.62	240696.54	6410546.28	309.42	0	-90
LHP027	PUSH	0.71	240698.36	6410644.78	309.43	0	-90
LHP028	PUSH	0.1	240698.75	6410745.25	309.43	0	-90
LHP029	PUSH	0.6	240898.72	6410246	309.39	0	-90
HP030	PUSH	0.6	240899.11	6410348.14	309.41	0	-90
LHP031	PUSH	0.62	240898.69	6410449.57	309.42	0	-90

Hole_ID	Hole_Type	Max_Depth	NAT_East	NAT_North	NAT_RL	Collar_Azimuth	Collar_Dip
LHP032	PUSH	0.7	240896.98	6410546.48	309.42	0	-90
LHP033	PUSH	0.82	240896.69	6410644.08	309.42	0	-90
LHP034	PUSH	0.72	240896.84	6410746.16	309.43	0	-90
LHP035	PUSH	0.56	241093.98	6410147.01	309.35	0	-90
LHP036	PUSH	0.54	241097.05	6410249.51	309.37	0	-90
LHP037	PUSH	0.58	241096.45	6410345.94	309.36	0	-90
LHP038	PUSH	0.6	241097.69	6410446.47	309.37	0	-90
LHP039	PUSH	0.88	241098.45	6410545.5	309.35	0	-90
LHP040	PUSH	0.85	241099.7	6410643.93	309.36	0	-90
LHP041	PUSH	0.86	241098.62	6410743.36	309.41	0	-90
LHP042	PUSH	0.82	241302.76	6410394.18	309.34	0	-90
LHP043	PUSH	0.58	241398.19	6410093.87	309.39	0	-90
LHP044	PUSH	0.6	241396.12	6410195.31	309.35	0	-90
LHP045	PUSH	0.82	241398.28	6410595.65	309.4	0	-90
LHP046	PUSH	0.96	241395.55	6410695.36	309.44	0	-90
LHP047	AUG	1.02	241397.45	6410794.08	309.49	0	-90
LHP048	PUSH	0.62	241545.49	6409995.86	309.37	0	-90
LHP049	PUSH	0.82	241550	6410650	310	0	-90
LHP050	PUSH	0.72	241599.68	6410196.27	309.33	0	-90
LHP051	PUSH	0.69	241597.1	6410296.16	309.33	0	-90
LHP052	PUSH	0.89	241600	6410800	310	0	-90
LHP053	AUG	1.48	241600	6411000	310	0	-90
LHP054	AUG	0.98	241600	6411100	310	0	-90
LHP055	PUSH	0.81	241596.67	6410395.88	309.4	0	-90
LHP056	PUSH	0.76	241748.16	6410248.33	309.34	0	-90
LHP057	PUSH	0.76	241747.21	6410397.31	309.42	0	-90
LHP058	PUSH	0.94	241748.61	6410595.7	309.58	0	-90
LHP059	PUSH	0.79	241749.38	6410695.24	309.61	0	-90
LHP060	PUSH	0.75	242521.93	6409196.58	308.96	0	-90
LHP061	PUSH	0.79	242521.93	6409298.87	308.98	0	-90
LHP062	AUG	0.98	242519.88	6409396.49	308.99	0	-90
LHP063	PUSH	0.43	242723.08	6409097.25	308.94	0	-90
LHP064	PUSH	0.81	242723.7	6409195.7	308.96	0	-90
LHP065	AUG	1	242719.13	6409298.8	308.97	0	-90
LHP066	PUSH	0.8	242719.69	6409397.08	308.98	0	-90
LHP067	PUSH	0.73	242924.85	6408997.03	308.99	0	-90
LHP068	PUSH	0.81	242927.4	6409097.84	308.97	0	-90
LHP069	PUSH	0.98	242926.33	6409195.94	308.98	0	-90
LHP070	AUG	1	242924.14	6409297.16	308.98	0	-90
LHP071	PUSH	0.81	242922.68	6409396.19	308.99	0	-90
LHP072	PUSH	0.5	243531.41	6408994.75	309.05	0	-90
LHP073	AUG	1.62	243530.85	6409097.69	309.02	0	-90
LHP074	AUG	1.64	243530.04	6409199.7	309.03	0	-90
LHP075	AUG	1.65	243527.99	6409301.14	309.03	0	-90
LHP076	AUG	2	243528.74	6409398.71	309.04	0	-90
LHP077	PUSH	0.77	243733.7	6409099.13	309.03	0	-90
LHP078	AUG	3.95	243730.7	6409202.31	309.06	0	-90
LHP079	AUG	1.7	243729.32	6409303.32	309.01	0	-90
LHP080	AUG	1.8	243731.64	6409401.23	309.06	0	-90
LHP082	PUSH	0.35	242611.05	6409119.73	308.94	0	-90
LHP083	PUSH	0.4	242666	6409208	310	0	-90
LHP084	PUSH	0.25	236660	6408654	310	0	-90
LHP085	PUSH	0.25	234718	6407780	310	0	-90
LHP086	PUSH	0.4	241207.78	6409632.54	309.09	0	-90
LHP087	PUSH	0.4	239792	6409571	310	0	-90
LHP092	PUSH	0.5	240256.3	6410490.47	309.47	0	-90
LHP093	PUSH	0.5	240336.12	6410509.38	309.45	0	-90
LHP094	PUSH	0.4	242192	6410693	310	0	-90
LHP095	PUSH	0.4	242322	6410704	310	0	-90
LHP096	PUSH	0.4	242620	6411413	310	0	-90
LHP097	PUSH	0.4	242573	6411901	310	0	-90
LHP098	PUSH	0.4	243057	6411330	310	0	-90
LHP099	AUG	1.3	241400	6410300	310	0	-90

Newly Reported Drillholes Not Included in MRE

Hole_ID	Hole_Type	Depth	Easting	Northing	NAT_RL	Azimuth	Dip
LHP100	PUSH	0.75	243075.45	6409149.1	308.98	0	-90
LHP101	PUSH	0.97	243073.3	6409249.7	308.98	0	-90
LHP102	PUSH	ABD	243073.18	6409351.3	308.97	0	-90
LHP103	PUSH	0.3	241549.26	6410149.5	309.33	0	-90
LHP104	PUSH	ABD	241546.72	6410248.8	309.34	0	-90
LHP105	PUSH	0.35	241546.56	6410348	309.4	0	-90
LHP106	PUSH	0.92	241547.44	6410449.5	309.44	0	-90
LHP107	PUSH	0.94	243478.94	6409049	309.03	0	-90
LHP108	PUSH	0.16	243477.67	6409150.4	309.03	0	-90
LHP109	PUSH	0.13	243477.13	6409253	309.03	0	-90
LHP110	PUSH	0.86	243479.35	6409352.3	309.03	0	-90
LHP111	PUSH	0.07	243680.75	6409095.7	309.03	0	-90
LHP112	PUSH	1.01	243681.3	6409196.4	309.03	0	-90
LHP113	PUSH	0.07	243680.87	6409297.9	309.04	0	-90
LHP114	PUSH	0.44	243681.41	6409398.1	309.08	0	-90
LHP115	PUSH	0.63	242873.7	6409043.6	308.97	0	-90
LHP116	PUSH	0.68	242873.4	6409143.7	308.97	0	-90
LHP117	PUSH	0.65	242873.65	6409245.2	308.98	0	-90
LHP118	PUSH	0.67	242873.83	6409344.8	308.98	0	-90
LHP119	PUSH	0.3	240706.56	6410438.8	309.41	0	-90
LHP120	PUSH	1	240747.94	6410397.9	309.37	0	-90
LHP121	PUSH	0.56	240748.26	6410598.3	309.39	0	-90
LHP122	PUSH	1	240749.16	6410698	309.41	0	-90
LHP123	PUSH	1.01	243407.57	6409289	309.01	0	-90
LHP124	PUSH	0.57	243286.15	6409106.3	309.01	0	-90
LHP125	PUSH	0.95	242873.33	6409349.3	308.98	0	-90
LHP126	PUSH	0.81	242759	6409249	309	0	-90
LHP127	PUSH	1.01	241046.57	6410295.1	309.39	0	-90
LHP128	PUSH	0.96	241046.47	6410396.2	309.34	0	-90
LHP129	PUSH	0.42	241048.36	6410496.7	309.35	0	-90
LHP130	PUSH	0.97	241049.59	6410595.3	309.37	0	-90
LHP131	PUSH	1	241051.16	6410696.4	309.39	0	-90
LHP132	PUSH	0.88	241209	6410708	309.37	0	-90
LHP133	PUSH	1	241109	6410648	309.37	0	-90
LHP134	PUSH	0.94	240910	6410708	309.37	0	-90
LHP135	PUSH	0.87	241349.53	6410049.5	309.4	0	-90
LHP136	PUSH	1	241347.5	6410147.1	309.37	0	-90
LHP137	PUSH	1	241349.45	6410252.9	309.31	0	-90
LHP138	PUSH	1	241349.07	6410350.7	309.34	0	-90
LHP139	PUSH	0.8	241349.34	6410451.5	309.38	0	-90
LHP140	PUSH	0.99	241348.41	6410549.8	309.39	0	-90
LHP141	PUSH	0.66	241349.24	6410748.1	309.44	0	-90
LHP142	PUSH	0.98	241350	6410750	309.44	0	-90
LHP143	PUSH	0.57	241609	6410809	309.44	0	-90
LHP144	PUSH	0.3	241599	6410699	309.44	0	-90
LHP145	PUSH	1	241599	6410599	309.44	0	-90
LHP146	PUSH	1	241549	6410549	309.44	0	-90
LHP147	PUSH	1.06	241649	6410450	309.44	0	-90

Appendix 2

Assay Data

Sample	Hole	From	To	Al2O3%	CaO%	Fe2O3%	K2O%	MgO%	MnO%	Na2O%	P2O5%	SiO2%	LOI%
PL0001	LHA001	0	0.5	25.88	0.13	3.09	6.49	0.76	BDL	3.64	0.076	21.5	31.66
PL0002	LHA001	0.5	1	26.21	0.05	3.22	6.5	0.71	BDL	3.54	0.081	19.44	32.46
PL0003	LHA001	1	1.5	19.22	0.06	2.92	4.53	0.66	BDL	2.95	0.08	40.65	21.73
PL0004	LHA002	0	0.5	23.96	0.13	2.79	6.06	0.72	BDL	3.44	0.069	25.86	29.68
PL0005	LHA002	0.5	1	26.03	0.06	3.1	6.78	0.7	BDL	3.24	0.082	19.48	32.95
PL0006	LHA003	0	0.5	27.31	0.1	3.12	6.86	0.78	BDL	3.7	0.081	19.03	30
PL0007	LHA003	0.5	1	26.55	0.05	3.16	6.74	0.71	BDL	3.38	0.075	18.34	32.03
PL0008	LHA004	0	0.5	26.6	0.14	3.19	6.62	0.74	BDL	3.63	0.079	18.12	32.91
PL0009	LHA004	0.5	1	26.34	0.05	3.2	6.72	0.67	BDL	3.21	0.079	18.51	32.93
PL0010	LHA005	0	0.5	26.92	0.17	3.2	6.45	0.73	BDL	3.42	0.082	17.94	32.93
PL0011	LHA005	0.5	1	18.92	0.06	2.14	4.87	0.48	BDL	2.46	0.054	42.08	22.92
PL0012	LHA006	0	0.5	26.54	0.1	2.86	6.82	0.69	BDL	3.27	0.069	18.25	33.54
PL0013	LHA006	0.5	1	20	0.05	5.13	5.45	0.45	BDL	2.41	0.062	34.21	25.49
PL0014	LHA007	0	0.5	26.94	0.07	2.93	6.94	0.73	BDL	3.47	0.072	17.1	33.68
PL0016	LHA007	0.5	1	22.78	0.06	2.62	6.09	0.54	BDL	2.73	0.061	29.92	28.33
PL0017	LHA008	0	0.5	25.67	0.05	2.88	5.55	0.74	BDL	3.68	0.051	25.37	30.08
PL0018	LHA008	0.5	1	25.75	0.05	3.02	5.66	0.75	0.01	3.7	0.052	23.58	30.77
PL0019	LHA008	1	1.5	18.58	0.03	1.71	2.48	0.46	BDL	2.6	0.026	54.13	18.32
PL0020	LHA009	0	0.5	26.31	0.05	3.08	5.68	0.72	BDL	3.41	0.052	23.97	30.85
PL0022	LHA009	0.5	1	26.95	0.04	3.16	5.96	0.67	BDL	3.54	0.057	21.95	31.83
PL0023	LHA009	1	1.5	19.1	0.03	2.5	4.25	0.5	BDL	2.74	0.048	44.67	22.28
PL0024	LHA010	0	0.5	26.15	0.05	3.05	5.5	0.75	BDL	3.63	0.057	26.26	30.27
PL0025	LHA010	0.5	1	26.17	0.05	3.12	5.48	0.72	BDL	3.86	0.06	25.28	29.91
PL0026	LHA010	1	1.5	23.51	0.04	2.41	3.11	0.56	BDL	3.13	0.034	42.54	22.79
LP0145	LHA011	0	0.5	12.59	0.37	1.62	3.22	0.42	BDL	2.52	0.043	59.93	15.54
LP0146	LHA011	0.5	1	20.16	0.26	2.79	5.72	0.61	BDL	3.47	0.063	33.98	26.46
LP0147	LHA011	1	1.5	22.5	0.24	3.94	5.82	0.77	BDL	3.31	0.113	29.98	26.86
LP0148	LHA011	1.5	1.85	22.99	0.14	2.31	4.83	0.8	BDL	3.98	0.077	34.74	23.9
LP0149	LHA012	0	0.5	19.75	0.22	2.54	4.92	0.66	BDL	3.24	0.064	39.34	23.62
LP0150	LHA012	0.5	1	25.44	0.07	2.85	6.76	0.77	BDL	3.65	0.078	22.02	31.54
LP0151	LHA012	1	1.7	23.13	0.1	2.72	5.05	0.81	BDL	3.51	0.088	31.83	24.66
LP0152	LHA013	0	0.5	23.86	0.11	2.68	6.02	0.77	BDL	3.56	0.072	27.46	29
LP0153	LHA013	0.5	1	25.29	0.06	2.94	6.66	0.78	BDL	3.44	0.076	22.85	30.86
LP0154	LHA013	1	1.7	23.27	0.11	2.59	4.69	0.83	BDL	3.53	0.082	35.41	24.09
LP0155	LHA014	0	0.5	24.93	0.08	2.88	6.3	0.8	BDL	3.68	0.072	24.6	30.14
LP0156	LHA014	0.5	1	25.5	0.06	3	6.59	0.76	BDL	3.46	0.075	22.98	31.23
LP0157	LHA014	1	1.7	20.64	0.1	2.18	4.44	0.7	BDL	3.29	0.075	41.38	21.9
LP0158	LHA015	0	0.5	25.87	0.06	2.91	6.59	0.84	BDL	3.7	0.073	21.38	31.37
LP0159	LHA015	0.5	1	25.75	0.11	3.04	6.7	0.79	BDL	4.06	0.077	20.51	31.8
LP0161	LHA015	1	1.7	23.03	0.09	2.67	4.9	0.87	BDL	3.59	0.089	34.49	24.24
LP0162	LHA016	0	0.5	25.55	0.08	2.9	6.5	0.8	BDL	3.63	0.076	22.46	28.07
LP0163	LHA016	0.5	1	26.37	0.05	3.22	6.96	0.78	BDL	3.43	0.083	19.23	27.49
LP0164	LHA016	1	1.65	22.34	0.09	2.8	5.06	0.85	BDL	3.53	0.088	34.41	20.32
LP0165	LHA017	0	0.5	25.02	0.07	2.88	6.42	0.8	BDL	3.61	0.074	23.39	24.4
LP0166	LHA017	0.5	1	26.29	0.06	3.24	6.81	0.81	BDL	3.59	0.09	20.02	29.07
LP0167	LHA017	1	1.7	22.04	0.11	2.42	4.65	0.81	BDL	3.67	0.078	36.16	21.14
LP0168	LHA018	0	0.5	22.21	0.09	2.46	5.91	0.7	BDL	3.6	0.06	30.54	23.88
LP0169	LHA018	0.5	0.7	20.91	0.07	2.05	5.9	0.58	BDL	3.16	0.056	32.69	25.21
LP0170	LHA019	0	0.5	24.62	0.08	2.87	6.28	0.77	BDL	3.65	0.073	24.36	24.41
LP0171	LHA019	0.5	1	25.48	0.05	3.15	6.69	0.76	BDL	3.51	0.086	21.33	27.39
LP0172	LHA019	1	1.65	17.91	0.13	2.03	4.15	0.65	BDL	3.38	0.064	46.49	15.62
LP0173	LHA020	0	0.5	25.59	0.09	2.99	6.47	0.8	BDL	3.69	0.078	21.72	26.39
LP0174	LHA020	0.5	1	25.09	0.06	3.16	6.47	0.77	BDL	3.63	0.088	23.57	24.66
LP0176	LHA020	1	1.7	21.47	0.09	2.31	4.51	0.82	BDL	3.68	0.076	39.97	19.03
LP0177	LHA021	0	0.5	26.37	0.08	2.98	6.64	0.83	BDL	3.68	0.079	20.42	31.87
LP0178	LHA021	0.5	1	26	0.07	3.22	6.73	0.78	BDL	3.61	0.083	20.44	22.7
LP0179	LHA021	1	1.7	22.16	0.08	2.27	4.33	0.79	BDL	3.45	0.075	39.03	22.97
LP0181	LHA022	0	0.5	26.23	0.07	2.9	6.51	0.84	BDL	3.7	0.076	21.08	30.72
LP0182	LHA022	0.5	1	25.85	0.06	3.14	6.64	0.8	BDL	3.61	0.081	22.15	30.13
LP0183	LHA022	1	1.7	20.53	0.08	2.31	4.61	0.77	BDL	3.43	0.074	38.59	21.66
LP0184	LHA023	0	0.5	26.93	0.08	3.02	6.83	0.83	BDL	3.58	0.078	18.89	31.27

Sample	Hole	From	To	Al2O3%	CaO%	Fe2O3%	K2O%	MgO%	MnO%	Na2O%	P2O5%	SiO2%	LOI%
LP0185	LHA023	0.5	1	26.39	0.05	3.24	6.79	0.79	BDL	3.28	0.082	20.29	31.16
LP0186	LHA023	1	1.5	20.98	0.08	2.44	4.86	0.81	BDL	3.28	0.075	38.33	22.17
LP0187	LHA023	1.5	2	23.95	0.05	1.31	1.72	0.68	BDL	3.74	0.048	49.17	18.75
LP0188	LHA024	0	0.5	25.57	0.09	2.96	6.38	0.81	BDL	3.76	0.076	21.45	30.29
LP0189	LHA024	0.5	1	26.35	0.07	3.3	6.75	0.76	BDL	3.63	0.086	20.4	30.58
LP0190	LHA024	1	1.6	21.97	0.15	2.37	5.09	0.81	BDL	3.47	0.078	34.54	21.93
LP0191	LHA025	0	0.5	25.96	0.08	3.02	6.55	0.79	BDL	3.62	0.078	21.36	30.88
LP0192	LHA025	0.5	1	26.06	0.07	3.24	6.77	0.79	BDL	3.54	0.091	20.51	30.89
LP0193	LHA025	1	1.65	22.68	0.23	2.32	5	0.79	BDL	3.78	0.095	42.83	22.31
LP0194	LHA026	0	0.5	24.67	0.08	2.89	6.37	0.81	BDL	3.69	0.075	22.51	30.4
LP0195	LHA026	0.5	1	21.98	0.07	2.53	5.77	0.69	BDL	3.41	0.076	31.29	26.55
LP0196	LHA026	1	1.6	11.11	0.27	1.25	2.58	0.4	BDL	2.35	0.032	67.07	11.08
LP0197	LHA027	0	0.5	25.75	0.06	2.99	6.58	0.78	BDL	3.45	0.077	20.44	31.37
LP0198	LHA027	0.5	1	24.22	0.07	2.86	6.34	0.72	BDL	3.32	0.077	24.95	28.98
LP0199	LHA027	1	1.5	15.73	0.12	1.68	3.84	0.54	BDL	2.49	0.048	52.86	17.22
LP0201	LHA028	0	0.5	25.78	0.14	3.03	6.37	0.73	BDL	3.36	0.081	22.55	29.8
LP0202	LHA028	0.5	1	27.94	0.05	3.4	7.38	0.7	BDL	3.03	0.086	15.29	32.5
LP0203	LHA028	1	1.55	20.25	0.08	2.21	4.84	0.69	BDL	3.18	0.073	39.71	21.96
LP0204	LHA029	0	0.5	26.9	0.06	3.08	6.71	0.82	BDL	3.52	0.078	19.11	31.5
LP0205	LHA029	0.5	1	24.63	0.05	2.94	6.3	0.71	BDL	3.11	0.075	25.31	28.97
LP0206	LHA029	1	1.6	16.63	0.09	1.72	3.45	0.68	BDL	3.18	0.06	51.77	16.68
LP0207	LHA030	0	0.5	26.68	0.08	3.05	6.6	0.83	BDL	3.58	0.08	19.56	30.91
LP0208	LHA030	0.5	1	21.67	0.06	2.37	5.74	0.64	BDL	3.01	0.063	33.96	25.47
LP0209	LHA030	1	1.55	11.62	0.25	1.23	2.66	0.48	BDL	2.75	0.036	64.39	11.72
LP0210	LHA031	0	0.5	26.86	0.08	3.18	6.64	0.8	BDL	3.49	0.082	19.13	31.34
LP0211	LHA031	0.5	1	25.04	0.05	2.99	6.6	0.71	BDL	3.11	0.076	25.56	29.45
LP0212	LHA031	1	1.75	18.96	0.07	1.52	2.87	0.68	BDL	3.42	0.056	52.45	17.3
LP0213	LHA032	0	0.5	26.99	0.11	3.17	6.76	0.8	BDL	3.54	0.08	18.59	31.68
LP0214	LHA032	0.5	1	26.17	0.05	3.24	6.96	0.74	BDL	3.23	0.08	19.67	31.21
LP0215	LHA032	1	1.5	18.52	0.07	1.96	4.24	0.73	BDL	3.4	0.067	44.75	19.34
LP0216	LHA033	0	0.5	26.69	0.07	3.13	6.66	0.82	BDL	3.62	0.082	19.47	32.24
LP0217	LHA033	0.5	1	25.43	0.05	3.19	6.7	0.73	BDL	3.19	0.085	21.74	31.2
LP0218	LHA033	1	1.5	17.92	0.06	1.76	4.13	0.66	BDL	3.34	0.06	45.85	19.39
LP0219	LHA034	0	0.5	26.81	0.06	3.03	6.88	0.82	BDL	3.64	0.075	18.21	32.79
LP0220	LHA034	0.5	1	19.38	0.07	2.48	4.73	0.57	BDL	2.5	0.053	41.92	22.32
LP0221	LHA035	0	0.5	27.21	0.12	3.26	6.64	0.81	BDL	3.59	0.084	19.15	32.18
LP0222	LHA035	0.5	1	20.31	0.06	2.34	5.34	0.57	BDL	2.84	0.058	37.74	24.45
LP0223	LHA035	1	1.7	14.9	0.12	1.4	3.25	0.56	BDL	2.97	0.048	56.59	15.6
LP0224	LHA036	0	0.5	27.4	0.12	3.23	6.82	0.8	BDL	3.63	0.082	18.13	32.79
LP0226	LHA036	0.5	1	25.44	0.05	3.03	6.71	0.71	BDL	3.28	0.077	22.68	30.58
LP0227	LHA036	1	1.75	18.61	0.06	1.48	2.92	0.66	BDL	3.29	0.051	50.83	18.2
LP0228	LHA037	0	0.5	27.31	0.09	3.16	6.85	0.81	BDL	3.63	0.082	18.05	33.03
LP0229	LHA037	0.5	1	26.19	0.05	3.13	6.89	0.75	BDL	3.32	0.082	19.39	31.87
LP0230	LHA037	1	1.6	18.99	0.06	1.84	4.27	0.67	BDL	3.11	0.062	44.83	20.76
LP0231	LHA038	0	0.5	27.23	0.08	3.05	7.01	0.81	BDL	3.45	0.076	17.49	33.11
LP0232	LHA038	0.5	1	22.88	0.05	2.78	5.98	0.66	BDL	2.86	0.077	30.69	27.24
LP0233	LHA038	1	1.5	17.03	0.04	0.53	1.11	0.46	BDL	2.44	0.016	63.22	12.4
LP0234	LHA039	0	0.5	25.88	0.08	3.01	6.68	0.82	BDL	3.59	0.075	20.82	31.61
LP0235	LHA039	0.5	1	22.22	0.05	2.14	4.93	0.6	BDL	3.13	0.05	35.83	24.49
LP0236	LHA040	0	0.5	26.76	0.07	3.08	6.83	0.85	BDL	3.63	0.076	18.79	32.28
LP0237	LHA040	0.5	1	23.47	0.05	2.77	6.07	0.69	BDL	3.45	0.062	27.78	28.23
LP0238	LHA041	0	0.5	27.42	0.07	3.09	6.89	0.83	BDL	3.47	0.08	17.9	32.68
LP0239	LHA041	0.5	1	24.78	0.07	3.2	6.42	0.71	BDL	3.15	0.08	24.12	30.3
LP0241	LHA041	1	1.65	19.04	0.06	2.49	4.87	0.61	BDL	2.52	0.074	42.77	22.35
LP0242	LHA042	0	0.5	27.65	0.07	3.22	6.94	0.81	BDL	3.45	0.083	17.49	33.16
LP0243	LHA042	0.5	1	24.59	0.05	2.96	6.48	0.7	BDL	3.22	0.077	24.76	28.9
LP0244	LHA042	1	1.55	19.75	0.07	1.88	4.59	0.72	BDL	3.36	0.065	40.42	21.6
LP0245	LHA043	0	0.5	27.09	0.07	3.17	6.69	0.79	BDL	3.55	0.082	19.21	31.8
LP0246	LHA043	0.5	1	19.11	0.09	2.09	4.83	0.6	BDL	2.86	0.051	42.57	21.73
LP0247	LHA044	0	0.5	27.19	0.2	3.22	6.74	0.82	BDL	3.61	0.083	18	32.41
LP0248	LHA044	0.5	1	22.09	0.07	2.51	5.83	0.62	BDL	2.92	0.065	32.36	27.02
LP0249	LHA044	1	1.5	18.63	0.07	1.9	4.43	0.66	BDL	3.15	0.065	43.81	20.49
LP0250	LHA045	0	0.5	27.22	0.1	3.2	6.71	0.81	BDL	3.5	0.085	19.03	31.69
LP0251	LHA045	0.5	1	19.89	0.09	2.08	5.2	0.58	BDL	2.73	0.057	39.67	24.2
LP0252	LHA046	0	0.5	27.84	0.1	3.16	6.96	0.81	BDL	3.4	0.083	17.08	32.81

Sample	Hole	From	To	Al2O3%	CaO%	Fe2O3%	K2O%	MgO%	MnO%	Na2O%	P2O5%	SiO2%	LOI%
LP0253	LHA046	0.5	1	23.57	0.05	2.76	6.08	0.66	BDL	2.79	0.078	28.67	27.9
LP0254	LHA046	1	1.6	18.44	0.06	1.65	4.46	0.64	BDL	3.14	0.054	44.63	20.68
LP0255	LHA047	0	0.5	26.5	0.07	2.93	6.9	0.8	BDL	3.47	0.072	18.73	32.3
LP0256	LHA047	0.5	0.8	21.91	0.05	2.16	5.72	0.59	BDL	2.76	0.052	33.15	26.78
LP0257	LHA048	0	0.5	27.34	0.09	3.03	7.03	0.8	BDL	3.26	0.075	17.27	33.23
LP0258	LHA048	0.5	1	21.7	0.05	2.69	5.82	0.58	BDL	2.63	0.064	33.36	26.44
LP0259	LHA049	0	0.5	27.16	0.1	3.04	6.97	0.77	BDL	3.06	0.078	18.8	33.2
LP0261	LHA049	0.5	1	25.59	0.05	3.11	6.68	0.69	BDL	2.96	0.08	22.71	30.65
LP0262	LHA049	1	1.6	16.27	0.05	1.37	3.79	0.55	BDL	2.67	0.047	52.89	17.81
LP0263	LHA050	0	0.5	27.4	0.1	3.17	6.8	0.79	BDL	3.13	0.084	18.01	33.07
LP0264	LHA050	0.5	1.1	18.88	0.06	1.87	4.17	0.55	BDL	2.59	0.045	46.49	20.82
LP0265	LHA051	0	0.5	27.59	0.07	3.1	6.89	0.8	BDL	3.26	0.084	18.06	33.45
LP0266	LHA051	0.5	1	23.18	0.06	2.73	5.94	0.61	BDL	2.82	0.076	30.57	27.67
LP0267	LHA051	1	1.55	16.96	0.06	1.68	4.18	0.51	BDL	2.7	0.048	49.22	19.14
LP0268	LHA052	0	0.5	26.66	0.13	2.84	6.85	0.77	BDL	3.52	0.073	18.45	33.03
LP0269	LHA052	0.5	1	23.73	0.05	2.99	6.2	0.63	BDL	2.99	0.08	28.46	28.71
LP0270	LHA052	1	1.5	15.05	0.05	1.39	3.73	0.43	BDL	2.33	0.037	52.75	16.99
LP0271	LHA053	0	0.5	26.9	0.07	2.86	7.05	0.76	BDL	3.45	0.071	17.52	33.39
LP0272	LHA053	0.5	0.9	21.33	0.06	3.9	5.79	0.54	BDL	2.94	0.062	31.62	26.26
LP0273	LHA054	0	0.75	24.1	0.13	2.56	6.42	0.68	BDL	3.48	0.057	25.59	30.49
LP0274	LHA055	0	0.7	24.86	0.17	2.96	6.09	0.64	BDL	2.68	0.075	27.02	28.36
LP0276	LHA056	0	0.5	27.21	0.2	3.07	6.81	0.79	BDL	3.47	0.081	17.68	32.84
LP0277	LHA056	0.5	0.9	22.39	0.05	2.28	6.06	0.58	BDL	2.7	0.061	30.98	27.33
LP0278	LHA057	0	0.5	27.38	0.06	3.02	6.97	0.8	BDL	3.35	0.079	17.69	33.28
LP0279	LHA057	0.5	1	23.53	0.04	2.97	6.22	0.59	BDL	2.6	0.076	29.11	28.37
LP0281	LHA057	1	1.45	16.5	0.05	2.15	4.3	0.51	BDL	2.51	0.049	48.95	18.8
LP0282	LHA058	0	0.5	27.14	0.06	2.83	7.04	0.78	BDL	3.3	0.071	18.16	32.96
LP0283	LHA058	0.5	1	22.71	0.05	3.06	6.05	0.59	BDL	2.75	0.073	30.73	25.98
LP0284	LHA058	1	1.45	8.25	0.03	3.83	1.92	0.27	BDL	1.51	0.023	71.23	10.04
LP0285	LHA059	0	0.75	27.04	0.06	2.97	7.32	0.7	BDL	3.29	0.066	16.7	33.97
LP0286	LHA060	0	0.7	26.4	0.12	3.41	7.47	0.67	BDL	3.27	0.054	16	33.63
LP0287	LHA061	0	0.5	27.17	0.1	3.03	7	0.76	BDL	3.16	0.075	18.4	33.09
LP0288	LHA061	0.5	0.9	23.23	0.08	3.7	6.25	0.56	BDL	2.55	0.067	28.4	28.61
LP0289	LHA062	0	0.5	27.46	0.07	3.18	6.9	0.76	BDL	3.08	0.084	18.56	32.87
LP0290	LHA062	0.5	1	23.9	0.05	3.13	6.37	0.54	BDL	2.29	0.07	27.71	28.83
LP0291	LHA062	1	1.3	13.83	0.05	4.85	3.85	0.34	BDL	1.68	0.043	53.14	17.88
LP0292	LHA063	0	0.5	27.41	0.1	3.21	6.68	0.74	BDL	2.96	0.084	20.13	33.04
LP0293	LHA063	0.5	1	27.08	0.06	4.2	7.72	0.53	BDL	2.25	0.079	16.13	34.15
LP0294	LHA064	0	0.35	23.29	0.07	7.78	6.37	0.68	BDL	3.25	0.056	20.62	30.47
LP0295	LHA065	0	0.7	25.8	0.07	4.48	7.28	0.71	BDL	3.38	0.061	15.96	33.1
LP0296	LHA066	0	0.5	26.57	0.07	3.16	6.97	0.77	BDL	3.34	0.067	18.9	32.86
LP0297	LHA066	0.5	1	22.31	0.05	3.67	6.02	0.58	BDL	2.64	0.059	30.12	27.24
LP0298	LHA066	1	1.3	16.67	0.05	6.99	4.81	0.42	BDL	2.08	0.041	42.06	21.65
LP0299	LHA067	0	0.5	26.94	0.11	3.23	6.77	0.73	BDL	3.11	0.08	20.21	32.11
LP0301	LHA067	0.5	0.8	27.1	0.04	4.19	7.59	0.55	BDL	2.3	0.069	17.11	33.31
LP0302	LHA068	0	0.5	23.22	0.48	3.43	5.38	0.56	BDL	2.21	0.077	31.92	27.78
LP0303	LHA069	0	0.6	22.52	0.25	2.76	5.17	0.57	BDL	2.4	0.072	35.32	25.41
LP0304	LHA070	0	0.5	25.79	0.1	2.68	6.59	0.7	BDL	3	0.071	22.67	31.19
LP0305	LHA070	0.5	1.1	25.68	0.07	3.07	6.74	0.57	BDL	2.6	0.06	22.92	30.64
LP0306	LHA071	0	0.5	25.36	0.06	3.15	6.63	0.71	BDL	3.39	0.067	21.94	31.6
LP0307	LHA071	0.5	0.8	20.12	0.07	4.96	5.85	0.48	BDL	2.5	0.051	33.18	26.48
LP0308	LHA072	0	0.35	26.19	0.06	3.6	7.11	0.68	BDL	3.24	0.062	18.13	33.35
LP0309	LHA073	0	0.4	24.77	0.11	6.64	6.9	0.71	BDL	3.08	0.07	18.69	32.63
LP0310	LHA074	0	0.75	26.34	0.11	2.91	7.11	0.77	BDL	3.68	0.07	18.56	31.36
LP0311	LHA075	0	0.5	25.46	0.21	2.62	6.52	0.83	BDL	3.5	0.071	22.39	30.59
LP0312	LHA075	0.5	1.1	23.6	0.06	2.93	5.75	0.65	BDL	3.1	0.058	29.54	27.75
LP0313	LHA076	0	0.45	23.88	0.17	2.78	5.88	0.7	BDL	2.89	0.073	28.9	28.15
LP0314	LHA077	0	0.5	23.73	0.25	2.65	5.92	0.78	BDL	3.6	0.068	27.89	27.96
LP0315	LHA077	0.5	1	20.91	0.06	2.18	4.12	0.6	BDL	2.97	0.04	42.25	23.1
LP0316	LHA078	0	0.75	22.62	0.11	2.52	5.81	0.66	BDL	3.08	0.062	30.4	26.9
LP0317	LHA079	0	0.45	19.58	0.17	2.21	4.75	0.64	BDL	2.8	0.06	41.26	23.23
LP0318	LHA080	0	0.4	18.79	0.49	2.09	4.25	0.64	BDL	2.83	0.049	43.36	22.06
LP0319	LHA081	0	0.5	22.95	0.09	2.63	5.41	0.65	BDL	2.92	0.055	32.89	26.28
LP0321	LHA081	0.5	1	26.79	0.13	2.96	6.12	0.72	BDL	3.27	0.062	22.91	30.41
LP0322	LHA081	1	1.4	27.32	0.06	3.14	6.22	0.73	BDL	3.32	0.064	22.17	30.47

Sample	Hole	From	To	Al2O3%	CaO%	Fe2O3%	K2O%	MgO%	MnO%	Na2O%	P2O5%	SiO2%	LOI%
LP0323	LHA082	0	0.5	23.85	0.07	2.62	5.4	0.67	BDL	2.99	0.05	32.16	26.85
LP0324	LHA082	0.5	1	24.2	0.08	3	4.79	0.65	BDL	2.91	0.063	34.55	25.59
LP0326	LHA082	1	1.5	25.52	0.06	2.7	5.84	0.7	BDL	2.93	0.054	26.39	29.29
LP0327	LHA082	1.5	2.2	21.4	0.1	2.74	4.52	0.63	BDL	3.17	0.038	39.42	22.57
LP0328	LHA083	0	0.5	19.77	0.12	2.42	3.68	0.57	BDL	2.69	0.049	46.94	20.49
LP0329	LHA083	0.5	1	27.6	0.05	2.99	6.27	0.75	BDL	3.34	0.057	21.21	31.18
LP0330	LHA083	1	1.5	21.2	0.11	2.74	3.92	0.65	BDL	3.03	0.052	42.59	21.24
LP0331	LHA083	1.5	2.2	17.68	0.13	1.86	3.21	0.52	BDL	2.88	0.028	52.02	18.07
LP0332	LHA084	0	0.5	25.84	0.07	3.51	4.91	0.76	BDL	3.26	0.067	30.08	27.52
LP0333	LHA084	0.5	1	26.67	0.06	2.99	5.9	0.74	BDL	3.37	0.061	24.64	29.21
LP0334	LHA084	1	1.5	22.01	0.08	2.34	4.69	0.65	BDL	3.23	0.043	37.76	24.81
LP0335	LHA084	1.5	2.2	16.52	0.17	2.41	3.29	0.51	BDL	3.02	0.025	52.79	17.47
LP0336	LHA085	0	0.5	23.97	0.06	2.75	5.27	0.76	BDL	3.42	0.049	31.52	28.3
LP0337	LHA085	0.5	1	27.79	0.05	3.26	6.12	0.78	BDL	3.32	0.064	21.96	31.25
LP0338	LHA085	1	1.3	23.47	0.08	2.76	4.44	0.72	BDL	3.21	0.056	36.85	24.71
LP0339	LHA086	0	0.5	25.43	0.06	2.96	5.45	0.83	BDL	3.65	0.051	27.96	29.07
LP0341	LHA086	0.5	1	27.57	0.05	3.18	6.05	0.83	BDL	3.76	0.063	21.46	30.97
LP0342	LHA086	1	1.3	23.94	0.08	2.87	4.43	0.74	BDL	3.34	0.055	35.91	24.84
LP0343	LHA087	0	0.5	25.91	0.05	2.92	5.56	0.82	BDL	3.66	0.052	27.03	29.17
LP0344	LHA087	0.5	1	26.93	0.06	3.13	5.89	0.81	BDL	3.79	0.062	23.65	30.29
LP0345	LHA087	1	1.4	22.57	0.07	2.49	3.58	0.71	BDL	3.51	0.05	41.47	22.71
LP0346	LHA088	0	0.5	25.54	0.06	3.05	5.32	0.83	BDL	3.6	0.055	28.41	29.37
LP0347	LHA088	0.5	1	26.64	0.06	3.22	5.65	0.82	BDL	3.78	0.065	25.06	29.88
LP0348	LHA088	1	1.5	20.19	0.2	2.61	3.31	0.63	BDL	3.1	0.045	47.76	19.9
LP0349	LHA089	0	0.5	26.02	0.07	3.18	5.31	0.81	BDL	3.65	0.058	27.98	29.26
LP0350	LHA089	0.5	1	26.84	0.06	3.23	5.62	0.77	BDL	3.61	0.064	25.29	30.05
LP0351	LHA089	1	1.4	19.29	0.17	2.55	2.81	0.62	BDL	3.19	0.048	51.01	18.62
LP0352	LHA090	0	0.5	26.31	0.09	3.32	5.23	0.81	BDL	3.57	0.06	27.65	29.35
LP0353	LHA090	0.5	1	26.55	0.07	3.35	5.38	0.81	BDL	3.68	0.067	25.73	29.72
LP0354	LHA090	1	1.45	23.32	0.12	3.21	3.69	0.72	BDL	3.52	0.051	39.12	23.18
LP0355	LHA091	0	0.5	25.09	0.06	2.81	5.31	0.73	BDL	2.99	0.054	30.43	28.76
LP0356	LHA091	0.5	1.25	26.31	0.09	3.06	5.6	0.85	BDL	4.02	0.06	25.3	29.49
LP0357	LHA092	0	0.5	26.69	0.05	2.97	5.73	0.82	BDL	3.67	0.056	24.9	30.19
LP0358	LHA092	0.5	1	27.93	0.05	3.14	6.2	0.84	BDL	3.92	0.063	20.12	31.26
LP0359	LHA092	1	1.5	22.13	0.05	2.18	3.33	0.63	BDL	2.98	0.04	45.06	22.26
LP0361	LHA093	0	0.5	26.9	0.05	3.03	5.8	0.82	BDL	3.61	0.056	24.53	30.52
LP0362	LHA093	0.5	1	28.02	0.05	3.13	6.23	0.82	BDL	3.76	0.064	18.81	32.65
LP0363	LHA093	1	1.3	23.21	0.06	2.59	3.98	0.72	BDL	3.51	0.061	39.13	23.55
LP0364	LHA094	0	0.5	26.78	0.05	3	5.85	0.8	BDL	3.51	0.055	24.24	30.4
LP0365	LHA094	0.5	1.25	27.57	0.06	3.24	5.95	0.79	BDL	3.6	0.063	22.22	30.73
LP0366	LHA095	0	0.5	26.75	0.06	3.01	5.87	0.78	BDL	3.39	0.056	24.34	30.69
LP0367	LHA095	0.5	1.2	27.81	0.05	3.21	6.13	0.76	BDL	3.39	0.063	21.27	30.81
LP0368	LHA096	0	0.5	26.66	0.06	3.09	5.81	0.75	BDL	3.22	0.058	25.35	30.44
LP0369	LHA096	0.5	1.2	27.38	0.05	3.22	6.04	0.73	BDL	3.33	0.063	22.77	31.17
LP0370	LHA097	0	0.5	26.63	0.06	3.18	5.76	0.77	BDL	3.21	0.058	25.92	30.92
LP0371	LHA097	0.5	1.2	27.69	0.05	3.28	6.05	0.75	BDL	3.17	0.065	23.16	31.13
LP0372	LHA098	0	0.5	26.84	0.06	3.2	5.8	0.74	BDL	3.11	0.062	25.49	30.84
LP0373	LHA098	0.5	1.25	26.18	0.05	3.15	5.45	0.73	BDL	3.09	0.065	27.8	28.73
LP0374	LHA099	0	0.5	26.11	0.06	3.09	5.56	0.72	BDL	3.09	0.058	27.23	29.52
LP0376	LHA099	0.5	0.95	26.74	0.05	3.5	5.64	0.66	BDL	2.7	0.072	27.16	29.24
LP0377	LHA100	0	0.5	24.86	0.06	2.87	5.4	0.79	BDL	3.52	0.055	29.37	28.77
LP0378	LHA100	0.5	1.2	26.7	0.06	2.93	5.94	0.76	BDL	3.43	0.06	24.55	29.56
LP0379	LHA101	0	0.5	26.94	0.06	3.13	5.85	0.75	BDL	3.11	0.062	24.77	30.72
LP0381	LHA101	0.5	1.2	26.86	0.05	3.03	6.08	0.74	BDL	3.47	0.059	22.69	30.85
LP0382	LHA102	0	0.5	27.18	0.06	3.15	5.88	0.77	BDL	3.2	0.061	24.42	30.7
LP0383	LHA102	0.5	1.2	26.93	0.05	3.19	5.95	0.73	BDL	3.28	0.063	23.82	29.91
LP0384	LHA103	0	0.5	27.35	0.05	3.08	6.01	0.77	BDL	3.23	0.059	23.55	31.11
LP0385	LHA103	0.5	1.25	27.14	0.05	3.05	6.18	0.75	BDL	3.19	0.058	22.68	30.44
LP0386	LHA104	0	0.5	27.25	0.05	3.09	5.95	0.8	BDL	3.31	0.06	23.09	30.67
LP0387	LHA104	0.5	1.2	27.92	0.06	3.23	6.11	0.79	BDL	3.25	0.062	20.82	31.85
LP0388	LHA105	0	0.5	27.58	0.05	3.17	5.91	0.83	BDL	3.44	0.06	22.96	31.18
LP0389	LHA105	0.5	1.2	28.07	0.06	3.22	6.1	0.78	BDL	3.48	0.062	21.13	31.28
LP0390	LHA106	0	0.5	27.65	0.05	3.18	5.92	0.82	BDL	3.56	0.059	23.12	30.77
LP0391	LHA106	0.5	1.2	27.83	0.05	3.13	5.85	0.78	BDL	3.78	0.06	22.37	30.26
LP0392	LHA107	0	0.5	27.27	0.05	3.03	5.88	0.83	BDL	3.69	0.058	23.64	31.25

Sample	Hole	From	To	Al2O3%	CaO%	Fe2O3%	K2O%	MgO%	MnO%	Na2O%	P2O5%	SiO2%	LOI%
LP0393	LHA107	0.5	1.25	27.9	0.05	3.15	5.94	0.8	BDL	3.69	0.06	21.54	31.21
LP0394	LHA108	0	0.5	27.29	0.05	3.08	5.85	0.8	BDL	3.53	0.058	23.62	31.22
LP0395	LHA108	0.5	1.2	27.33	0.05	2.91	5.54	0.75	BDL	3.34	0.059	25.65	29.62
LP0396	LHA109	0	0.5	27.49	0.05	3.08	5.96	0.8	BDL	3.39	0.058	23.14	30.92
LP0397	LHA109	0.5	1.2	28.55	0.05	3.17	6.22	0.8	BDL	3.17	0.062	20.7	31.43
LP0398	LHA110	0	0.5	27.37	0.05	3.1	5.91	0.8	BDL	3.38	0.058	23.62	31.04
LP0399	LHA110	0.5	1.25	27.89	0.05	3.14	6.09	0.79	BDL	3.74	0.059	21.34	30.79
LP0401	LHA111	0	0.5	27.24	0.05	3.13	5.9	0.77	BDL	3.47	0.06	23.28	30.72
LP0402	LHA111	0.5	1.2	27.9	0.07	3.1	6.22	0.79	BDL	3.85	0.061	19.61	31.39
LP0403	LHA112	0	0.5	26.82	0.06	3.1	5.83	0.78	BDL	3.49	0.06	24.21	30.27
LP0404	LHA112	0.5	1.2	26.15	0.05	3.16	5.83	0.74	BDL	3.54	0.062	24.75	29.59
LP0405	LHA113	0	0.5	26.5	0.06	3.02	5.82	0.76	BDL	3.3	0.058	25.06	30.01
LP0406	LHA113	0.5	1.2	25.98	0.05	2.98	5.89	0.71	BDL	3.42	0.058	25.28	29.37
LP0407	LHA114	0	0.5	23.93	0.06	2.73	5.24	0.71	BDL	3.35	0.054	31.41	27.73
LP0408	LHA114	0.5	1.2	24.67	0.05	2.82	5.63	0.69	BDL	3.71	0.054	28.25	28.13
LP0409	LHA115	0	0.5	25.41	0.05	2.87	5.66	0.75	BDL	3.33	0.053	27.12	29.44
LP0410	LHA115	0.5	1.2	23.63	0.05	2.58	5.57	0.62	BDL	3.33	0.05	30.19	28.01
LP0411	LHA116	0	0.5	26.71	0.05	2.96	5.92	0.79	BDL	3.3	0.056	24.25	29.51
LP0412	LHA116	0.5	1.2	25.39	0.05	3.19	5.91	0.72	BDL	3.64	0.057	25	29.73
LP0413	LHA117	0	0.5	27.09	0.05	3.07	5.93	0.8	BDL	3.22	0.059	23.63	30.86
LP0414	LHA117	0.5	1.15	26.96	0.04	3.04	5.99	0.73	BDL	3.48	0.055	23.48	30.39
LP0415	LHA118	0	0.5	26.95	0.05	3.1	5.8	0.79	BDL	3.29	0.06	24.23	30.72
LP0416	LHA118	0.5	1.15	25.96	0.05	3.01	5.64	0.72	BDL	3.75	0.053	25.69	29.23
LP0417	LHA119	0	0.5	26.4	0.05	3.03	5.65	0.8	BDL	3.28	0.058	25.51	30.47
LP0418	LHA119	0.5	1.2	25.97	0.05	2.92	5.11	0.73	BDL	3.51	0.053	28.39	28.2
LP0419	LHA120	0	0.5	24.14	0.06	2.84	5.08	0.76	BDL	3.48	0.054	31.36	27.26
LP0421	LHA120	0.5	1.1	24.25	0.05	2.74	4.82	0.73	BDL	3.59	0.049	32.03	26.85
LP0422	LHA121	0	0.5	24.6	0.05	2.8	5.28	0.75	BDL	3.48	0.051	29.58	28.09
LP0423	LHA121	0.5	0.8	23.61	0.06	3	4.95	0.73	BDL	3.47	0.051	32.66	26.72
LP0424	LHA122	0	0.5	25.54	0.05	2.8	5.56	0.78	BDL	3.45	0.051	26.69	29.82
LP0426	LHA122	0.5	1.1	25.25	0.05	3.13	5.32	0.73	BDL	3.69	0.048	27.9	27.63
LP0427	LHA123	0	0.5	26.4	0.05	2.91	5.81	0.79	BDL	3.42	0.052	24.91	29.44
LP0428	LHA123	0.5	1.1	24.92	0.05	2.9	5.63	0.69	BDL	3.36	0.046	27.54	27.51
LP0429	LHA124	0	0.5	26.26	0.05	2.87	5.92	0.76	BDL	3.44	0.052	24.85	29.28
LP0430	LHA124	0.5	1.2	25.65	0.05	2.61	6.3	0.72	BDL	3.67	0.048	24.3	29.22
LP0431	LHA125	0	0.5	21.5	0.05	2.45	5.03	0.67	BDL	3.26	0.041	35.94	24.71
LP0432	LHA125	0.5	0.8	18.15	0.05	2.65	4.78	0.53	BDL	2.88	0.032	42.13	22.37
LP0433	LHA126	0	0.3	6.93	0.94	1.44	0.56	0.3	BDL	1.62	0.009	80.21	5.98
LP0434	LHA127	0	0.75	20.35	0.07	2.79	4.03	0.66	BDL	3.37	0.041	41.99	22
LP0435	LHA128	0	0.5	23.1	0.07	2.61	4.99	0.73	BDL	3.5	0.041	33.19	26.04
LP0436	LHA128	0.5	1.15	24.03	0.05	2.8	4.84	0.64	BDL	3.23	0.042	33.61	25.57
LP0437	LHA129	0	0.5	24.56	0.06	2.65	5.52	0.77	BDL	3.66	0.042	28.33	27.69
LP0438	LHA129	0.5	1.25	22.7	0.05	2.35	5.27	0.72	BDL	3.72	0.037	31.74	25.22
LP0439	LHA130	0	0.5	21.18	0.05	2.15	5.16	0.65	BDL	3.37	0.034	35.67	25.06
LP0441	LHA130	0.5	1.15	21.7	0.05	2.74	6.17	0.65	BDL	3.92	0.03	28.56	27.58
LP0442	LHA131	0	0.5	26.01	0.05	3.19	5.39	0.83	BDL	3.78	0.057	26.6	28.29
LP0443	LHA131	0.5	1	24.99	0.1	3.38	5.16	0.82	BDL	3.75	0.06	29.82	26.53
LP0444	LHA131	1	1.4	22.34	0.12	2.56	3.06	0.74	BDL	3.7	0.055	44.45	20.22
LP0445	LHA132	0	0.5	26.66	0.06	3.49	5.08	0.89	BDL	3.8	0.063	27.06	29.69
LP0446	LHA132	0.5	1.2	25.3	0.07	3.36	4.74	0.86	BDL	4.12	0.061	30.1	26.46
LP0447	LHA133	0	0.5	26.21	0.05	3.29	5.14	0.85	BDL	3.78	0.059	27.4	29.35
LP0448	LHA133	0.5	1.2	26.26	0.09	3.41	5.09	0.86	BDL	4.14	0.063	27.1	28.57
LP0449	LHA134	0	0.5	26.86	0.05	3.37	5.2	0.87	BDL	3.83	0.061	26.2	30.17
LP0450	LHA134	0.5	1.25	25.82	0.06	3.36	4.7	0.86	BDL	4.05	0.059	29.21	27.74
LP0451	LHA135	0	0.5	26.72	0.05	3.49	5.06	0.88	BDL	3.75	0.064	26.59	29.54
LP0452	LHA135	0.5	1.25	24.79	0.1	3.78	4.41	0.87	BDL	3.75	0.06	32.06	25.94
LP0453	LHA136	0	0.5	26.29	0.07	3.5	4.96	0.85	BDL	3.71	0.064	28.3	29.25
LP0454	LHA136	0.5	1.15	25.38	0.09	3.65	4.41	0.85	BDL	3.93	0.06	32.25	25.59
LP0455	LHA137	0	0.5	26.8	0.05	3.48	5.03	0.85	BDL	3.66	0.064	27.01	29.63
LP0456	LHA137	0.5	1.2	25.6	0.07	3.44	4.27	0.89	BDL	4.2	0.058	31.59	26.38
LP0457	LHA138	0	0.5	26.49	0.05	3.35	5.06	0.86	BDL	3.79	0.06	27.27	30.09
LP0458	LHA138	0.5	1.2	26.51	0.06	3.4	5.08	0.87	BDL	4.14	0.061	25.85	28.71
LP0459	LHA139	0	0.5	24.83	0.05	3.06	4.87	0.79	BDL	3.57	0.056	31.07	27.85
LP0461	LHA139	0.5	0.8	20.47	0.09	2.76	3.86	0.68	BDL	3.37	0.054	42.86	22.19
LP0462	LHA140	0	0.5	26.66	0.05	3.38	5.04	0.85	BDL	3.71	0.061	27.46	29.3

Sample	Hole	From	To	Al2O3%	CaO%	Fe2O3%	K2O%	MgO%	MnO%	Na2O%	P2O5%	SiO2%	LOI%
LP0463	LHA140	0.5	1.2	26.06	0.07	3.34	4.61	0.84	BDL	4.02	0.058	29.15	27.78
LP0464	LHA141	0	0.5	26.25	0.06	3.51	4.78	0.8	BDL	3.54	0.064	29.43	27.79
LP0465	LHA141	0.5	1.15	26.01	0.08	5.02	4.27	0.82	BDL	3.34	0.062	31.23	26.08
LP0466	LHA142	0	0.5	25.78	0.06	3.49	4.8	0.83	BDL	3.74	0.061	29.29	27.93
LP0467	LHA142	0.5	1.15	22.92	0.11	3.3	3.75	0.73	BDL	3.56	0.051	39.5	22.59
LP0468	LHA143	0	0.5	21.8	0.09	3.25	3.97	0.77	BDL	3.44	0.054	39.65	22.95
LP0469	LHA143	0.5	1.1	15.32	0.19	3.1	2.58	0.57	BDL	2.94	0.034	56.93	14.89
LP0470	LHA144	0	0.5	25.33	0.1	3.54	4.41	0.75	BDL	3.51	0.062	32.42	26.31
LP0471	LHA144	0.5	1.15	23.73	0.13	3.39	3.88	0.74	BDL	3.61	0.052	37.53	23.14
LP0472	LHA145	0	0.5	26.5	0.05	3.51	4.79	0.83	BDL	3.48	0.063	29.25	27.85
LP0473	LHA145	0.5	1.15	25.92	0.08	3.57	4.56	0.88	BDL	4.08	0.058	30.33	26.1
LP0474	LHA146	0	0.6	23.01	0.07	3	4.2	0.77	BDL	3.46	0.056	37.31	24.55
LP0476	LHA147	0	0.6	23.82	0.07	3.13	4.21	0.78	BDL	3.53	0.057	35.4	24.74
LP0477	LHA148	0	0.5	25.75	0.07	3.46	4.6	0.84	BDL	3.71	0.061	30.5	27.29
LP0478	LHA148	0.5	1.15	24.28	0.11	3.57	4.04	0.86	BDL	4	0.056	34.65	24.42
LP0479	LHA149	0	0.5	24.53	0.07	3.42	4.34	0.84	BDL	3.64	0.058	33.48	25.58
LP0481	LHA149	0.5	1.1	16.9	0.23	2.96	2.89	0.64	BDL	3.18	0.04	53.42	16.41
LP0482	LHA150	0	0.7	18.93	0.15	3.36	3.26	0.72	BDL	3.4	0.045	47.85	18.95
LP0483	LHA151	0	0.5	24.83	0.07	3.58	4.2	0.86	BDL	3.62	0.057	34.21	25.39
LP0484	LHA151	0.5	0.9	19.54	0.18	3.17	3.12	0.77	BDL	3.66	0.048	47.46	18.86
LP0485	LHA152	0	0.6	22.37	0.08	3.1	3.83	0.78	BDL	3.36	0.054	40.08	22.17
LP0486	LHA153	0	0.2	15.16	0.07	2.25	1.76	0.53	BDL	2.12	0.031	62.94	12.89
LP0487	LHA154	0	0.5	24.02	0.09	3.31	3.96	0.86	BDL	3.76	0.054	34.9	24.64
LP0488	LHA155	0	0.7	19.63	0.2	3.15	3.12	0.72	BDL	3.46	0.045	47.58	19.12
LP0489	LHA156	0	0.45	20.69	0.13	3.59	3.24	0.8	BDL	3.4	0.044	45.24	20.29
LP0490	LHA157	0	0.6	20.94	0.14	3.34	3.13	0.73	BDL	3.51	0.047	45.3	20.33
LP0491	LHA158	0	0.25	12.19	0.07	1.71	1.47	0.39	BDL	1.87	0.03	69.32	10.59
LP0492	LHA159	0	0.5	25.09	0.1	3.02	5.1	0.79	BDL	3.61	0.055	29.76	27.38
LP0493	LHA159	0.5	1	24.84	0.06	3.15	5.03	0.77	BDL	3.46	0.061	30.44	26.01
LP0494	LHA159	1	1.3	20.79	0.28	2.27	3.97	0.66	BDL	3.42	0.041	42.65	20.53
LP0495	LHA160	0	0.5	26.88	0.05	2.97	5.9	0.76	BDL	3.17	0.058	23.26	30.55
LP0496	LHA160	0.5	1.25	26.65	0.08	3.16	5.76	0.76	BDL	3.49	0.062	24.13	29.24
LP0030	LHP001	0	0.45	26.51	0.18	2.97	6.91	0.83	BDL	3.49	0.06	18.63	29.36
LP0031	LHP002	0	0.4	26.84	0.27	3.30	6.63	0.88	BDL	3.51	0.05	19.34	29.98
LP0049	LHP002	0.4	0.6	27.29	0.06	3.17	7.44	0.74	BDL	3.35	0.07	15.84	33.4
LP0032	LHP003	0	0.6	27.58	0.14	3.32	7.07	0.82	BDL	3.48	0.08	16.67	30.21
LP0033	LHP004	0	0.6	24.98	0.11	3.16	6.17	0.71	BDL	3.02	0.08	25.71	27.04
LP0034	LHP005	0	0.6	27.53	0.08	3.26	7.1	0.81	BDL	3.46	0.08	17.13	29.25
LP0035	LHP006	0	0.6	26.3	0.11	3.19	6.7	0.87	BDL	3.59	0.08	20.12	28.58
LP0036	LHP007	0	0.6	27.47	0.1	3.12	7.09	0.83	BDL	3.55	0.08	17.09	25.27
LP0037	LHP008	0	0.55	27.23	0.13	3.16	7.03	0.78	BDL	3.47	0.08	17.98	31.15
LP0038	LHP009	0	0.6	26.54	0.09	3.33	6.93	0.87	BDL	3.66	0.08	18.52	27.19
LP0039	LHP010	0	0.7	25.99	0.06	3.02	5.5	0.78	BDL	3.28	0.07	27.6	25.84
LP0040	LHP011	0	0.35	25.65	0.07	3.32	5.66	0.75	BDL	3.13	0.06	28.38	23.06
LP0041	LHP011	0.35	0.7	26.83	0.06	3.12	6	0.77	BDL	3.2	0.05	24.66	25.53
LP0028	LHP012	0	0.3	26.48	0.06	3.29	5.9	0.84	BDL	3.66	0.07	24.68	24.8
LP0029	LHP012	0.3	0.6	25.09	0.11	3.17	5.16	0.82	BDL	3.51	0.05	30.45	24.26
LP0042	LHP013	0	0.3	22.21	0.12	3.29	4.62	0.68	BDL	3.18	0.06	37.94	22.06
LP0043	LHP014	0	0.5	26.23	0.06	3.27	5.63	0.76	BDL	3.31	0.06	26.46	25.04
LP0044	LHP015	0	0.5	27.47	0.06	3.20	5.99	0.8	BDL	3.35	0.06	22.98	26.88
LP0045	LHP016	0	0.5	27.71	0.06	3.32	5.99	0.84	BDL	3.48	0.06	22.38	29.27
LP0046	LHP017	0	0.5	27.48	0.05	3.16	5.87	0.81	BDL	3.49	0.06	23.39	28.37
LP0047	LHP018	0	0.5	26.67	0.06	3.16	5.69	0.79	BDL	3.44	0.06	24.06	29.48
LP0048	LHP019	0	0.5	26.66	0.06	3.02	5.78	0.76	BDL	3.31	0.07	24.18	28.61
LP0050	LHP020	0.5	0.75	12.4	0.04	10.07	5.2	0.37	BDL	2.32	0.052	40.87	21.83
LP0144	LHP020	0	0.5	18.43	0.19	2.16	4.81	0.63	BDL	3.19	0.031	40.71	23.55
LP0051	LHP021	0	0.5	23.1	0.06	2.67	5.37	0.76	BDL	3.83	0.035	30.71	26.64
LP0052	LHP021	0.5	0.7	20.48	0.06	2.54	4.47	0.66	BDL	3.33	0.034	40.15	21.79
LP0053	LHP022	0	0.8	16.72	0.4	2.55	3.47	0.54	BDL	2.85	0.032	50.35	17.7
LP0054	LHP023	0	0.8	19.81	0.14	2.92	3.76	0.64	BDL	3.18	0.04	44.31	20.59
LP0055	LHP024	0	0.6	23.62	0.08	2.7	5.61	0.74	BDL	3.44	0.042	29.75	27.06
LP0056	LHP025	0	0.5	25.45	0.06	2.84	5.75	0.8	BDL	3.71	0.046	26.18	28.46
LP0057	LHP025	0.5	0.62	26.05	0.06	3.18	5.81	0.81	BDL	3.48	0.054	25.23	27.92
LP0058	LHP026	0	0.5	25.63	0.05	2.98	5.59	0.79	BDL	3.44	0.048	27.18	27.02
LP0059	LHP026	0.5	0.62	24.55	0.05	3.14	5.17	0.77	BDL	3.55	0.055	30.49	27.56

Sample	Hole	From	To	Al2O3%	CaO%	Fe2O3%	K2O%	MgO%	MnO%	Na2O%	P2O5%	SiO2%	LOI%
LP0081	LHP027	0	0.5	24.4	0.05	2.78	5.21	0.74	BDL	3.33	0.048	30.98	27.49
LP0129	LHP027	0.5	0.71	24.08	0.06	3.13	4.92	0.7	BDL	2.88	0.053	33.63	25.47
LP0082	LHP028	0	0.1	6.61	0.05	0.9	0.99	0.29	BDL	1.68	0.013	80.95	6.32
LP0060	LHP029	0	0.5	24	0.05	2.51	5.6	0.74	BDL	3.36	0.045	29.21	26.7
LP0061	LHP029	0.5	0.6	17.52	0.05	2.67	4.16	0.52	BDL	2.52	0.041	47.24	20.83
LP0062	LHP030	0	0.5	26.79	0.05	2.87	6.08	0.78	BDL	3.26	0.051	23.4	30.57
LP0063	LHP030	0.5	0.6	24.88	0.05	3.43	5.26	0.75	BDL	3.45	0.063	29.45	27.87
LP0064	LHP031	0	0.45	27.13	0.05	2.98	6.01	0.81	BDL	3.34	0.054	22.99	30.21
LP0065	LHP031	0.45	0.62	27.06	0.05	3.31	5.8	0.79	BDL	3.53	0.063	23.54	29.77
LP0083	LHP032	0	0.7	26.7	0.05	3.09	5.71	0.8	BDL	3.37	0.056	24.68	29.83
LP0084	LHP033	0	0.82	26	0.05	3.03	5.61	0.79	BDL	3.55	0.056	26.59	28.43
LP0085	LHP034	0	0.72	22.71	0.06	2.81	4.75	0.72	BDL	3.34	0.049	35.14	25.37
LP0066	LHP035	0	0.56	19.09	0.05	2.27	4.37	0.55	BDL	2.47	0.04	44.42	22.15
LP0067	LHP036	0	0.54	26.24	0.05	2.99	5.84	0.78	BDL	3.37	0.056	24.85	30.37
LP0068	LHP037	0	0.58	26.64	0.05	3.1	5.81	0.79	BDL	3.35	0.058	24.47	30.55
LP0069	LHP038	0	0.6	27.42	0.05	3.25	5.91	0.79	BDL	3.24	0.058	23.16	30.75
LP0086	LHP039	0	0.88	27.63	0.05	3.14	6.09	0.79	BDL	3.44	0.061	21.54	30.41
LP0087	LHP040	0	0.47	26.73	0.06	3.18	5.75	0.8	BDL	3.54	0.06	24.3	30.43
LP0130	LHP040	0.47	0.85	27.71	0.05	3.24	6.12	0.76	BDL	3.37	0.064	21.63	31.38
LP0088	LHP041	0	0.5	25.4	0.06	2.97	5.45	0.78	BDL	3.55	0.056	27.06	28.44
LP0131	LHP041	0.5	0.86	26.42	0.05	3.18	5.65	0.79	BDL	3.73	0.063	24.66	30.55
LP0092	LHP042	0	0.82	27.48	0.05	3.19	6.03	0.81	BDL	3.49	0.063	21.98	30.62
LP0070	LHP043	0	0.58	26.91	0.06	3.29	5.78	0.77	BDL	3.29	0.062	25.04	29.49
LP0071	LHP044	0	0.6	25.88	0.06	3.22	5.51	0.7	BDL	2.92	0.061	28.32	29.23
LP0089	LHP045	0	0.82	27.66	0.05	3.29	5.9	0.83	BDL	3.56	0.062	22.37	29.55
LP0090	LHP046	0	0.5	26.94	0.05	3	5.81	0.82	BDL	3.72	0.055	23.19	30.57
LP0132	LHP046	0.5	0.96	27.22	0.05	3.18	5.91	0.82	BDL	4.3	0.063	21.28	30.84
LP0091	LHP047	0	1.02	23.93	0.1	2.9	5.08	0.81	BDL	3.83	0.057	30.38	26.3
LP0072	LHP048	0	0.62	26.91	0.06	3.25	5.82	0.77	BDL	3.33	0.063	24.26	30.29
LP0093	LHP049	0	0.5	26.53	0.08	3.06	5.7	0.84	BDL	3.65	0.057	24.67	29.72
LP0133	LHP049	0.5	0.82	27.69	0.05	3.27	5.93	0.83	BDL	3.86	0.066	21.28	30.93
LP0073	LHP050	0	0.72	26.85	0.06	3.12	6.04	0.75	BDL	3.14	0.062	24.19	30.2
LP0074	LHP051	0	0.69	26.43	0.06	3.09	5.87	0.76	BDL	3.22	0.061	25.1	28.87
LP0094	LHP052	0	0.5	24.32	0.21	2.88	5.02	0.8	BDL	3.55	0.053	30.76	25.96
LP0134	LHP052	0.5	0.89	25.84	0.06	3.13	5.54	0.8	BDL	3.89	0.062	26.1	28.14
LP0095	LHP053	0	0.95	25.54	0.12	3.44	4.81	0.79	BDL	3.5	0.063	30.5	27.04
LP0096	LHP053	0.95	1.25	25.31	0.33	2.99	4.77	0.8	BDL	4.16	0.058	30.76	24.81
LP0135	LHP053	1.25	1.48	17.27	2.71	2.1	1.23	0.73	0.02	6.07	0.047	64.23	4.54
LP0080	LHP054	0	0.98	26.58	0.09	3.49	5.14	0.84	BDL	3.54	0.064	27.1	29.25
LP0075	LHP055	0	0.81	26.83	0.06	3.17	5.88	0.77	BDL	3.33	0.063	24.02	29.05
LP0077	LHP056	0	0.55	24.73	0.08	2.79	5.65	0.7	BDL	2.98	0.055	29.37	27.84
LP0076	LHP057	0	0.55	23.37	0.06	2.72	5.19	0.7	BDL	3.07	0.052	32.75	27.01
LP0128	LHP057	0.55	0.76	25.85	0.06	3.37	5.66	0.78	BDL	3.4	0.074	26.35	29.47
LP0078	LHP058	0	0.94	25.55	0.12	3.06	5.44	0.78	BDL	3.6	0.06	27.81	26.81
LP0079	LHP059	0	0.79	22.77	0.08	2.98	4.88	0.56	BDL	2.48	0.048	26.68	27
LP0097	LHP060	0	0.65	23.13	0.13	2.45	6.07	0.69	BDL	3.03	0.058	29.05	27.7
LP0136	LHP060	0.65	0.75	14.28	0.06	6.03	4.06	0.39	BDL	1.91	0.038	49.38	19.43
LP0098	LHP061	0	0.79	24.54	0.17	2.78	6.04	0.67	BDL	2.96	0.066	27.97	28.14
LP0099	LHP062	0	0.98	21.06	0.14	2.52	5.05	0.6	BDL	2.55	0.059	38.44	23.76
LP0100	LHP063	0	0.39	26.73	0.13	3.25	7.05	0.78	BDL	3.34	0.065	17.62	31.82
LP0137	LHP063	0.39	0.43	24.81	0.17	8.15	6.97	0.68	BDL	3.18	0.065	16.28	30.69
LP0101	LHP064	0	0.5	26.96	0.1	2.93	6.95	0.78	BDL	3.15	0.073	18.67	32.74
LP0138	LHP064	0.5	0.81	26.91	0.07	4.86	7.94	0.63	BDL	2.58	0.062	13.24	34.3
LP0115	LHP065	0	0.85	27.34	0.1	3.11	7.03	0.76	BDL	3.23	0.076	17.76	32.4
LP0142	LHP065	0.85	1	13.68	0.08	5.23	3.6	0.41	BDL	1.94	0.05	54.62	16.27
LP0116	LHP066	0	0.8	26.57	0.1	2.95	6.76	0.74	BDL	3.07	0.075	20.56	31.31
LP0102	LHP067	0	0.65	25.85	0.1	2.81	7.11	0.69	BDL	3.28	0.056	19.58	32.21
LP0139	LHP067	0.65	0.73	22.08	0.07	3.16	5.55	0.5	BDL	2.4	0.043	33.44	25.28
LP0103	LHP068	0	0.78	27.02	0.16	3.13	7.16	0.8	BDL	3.37	0.072	17.11	32.7
LP0140	LHP068	0.78	0.81	16.86	0.05	4.65	4.73	0.43	BDL	2.02	0.057	44.17	24.11
LP0104	LHP069	0	0.8	26.45	0.36	3.13	6.99	0.77	BDL	3.27	0.073	17.94	32.16
LP0141	LHP069	0.8	0.98	20.36	0.06	4.42	5.28	0.53	BDL	2.14	0.089	37.6	24.55
LP0117	LHP070	0	1	27.2	0.09	3.2	7.05	0.79	BDL	3.45	0.079	17.98	32.31
LP0118	LHP071	0	0.81	26.77	0.07	3.01	6.81	0.76	BDL	3.05	0.076	20.39	31.39
LP0105	LHP072	0	0.5	21.03	0.56	2.32	5.44	0.68	BDL	2.78	0.06	35.14	25.45

Sample	Hole	From	To	Al2O3%	CaO%	Fe2O3%	K2O%	MgO%	MnO%	Na2O%	P2O5%	SiO2%	LOI%
LP0106	LHP073	0	1	25.97	0.14	3.24	6.76	0.81	BDL	3.55	0.081	20.81	31
LP0107	LHP073	1	1.62	18.23	0.1	2.22	4.23	0.74	BDL	3.37	0.066	45.09	19.84
LP0108	LHP074	0	1.1	26.26	0.16	2.98	6.85	0.82	BDL	3.62	0.073	18.21	32.11
LP0109	LHP074	1.1	1.64	22.17	0.15	2.74	5.29	0.77	BDL	3.33	0.086	33.76	23.24
LP0121	LHP075	0	1	26.96	0.08	3.37	7.03	0.81	BDL	3.45	0.083	18.56	32.07
LP0122	LHP075	1	1.65	21.01	0.19	2.31	4.72	0.81	BDL	3.6	0.075	37.38	21.91
LP0119	LHP076	0	1.2	26.25	0.1	3.09	6.76	0.82	BDL	3.75	0.078	19.9	31.2
LP0120	LHP076	1.2	2	21.72	0.1	1.49	2.8	0.75	BDL	3.75	0.043	46.56	19.27
LP0110	LHP077	0	0.77	16.18	0.4	2.01	4.42	0.55	BDL	2.72	0.048	47.1	20.61
LP0111	LHP078	0	1	23.24	0.28	3.05	5.87	0.73	BDL	3.23	0.084	29.26	27.72
LP0112	LHP078	1	2	21.54	1.37	2.89	4.65	1.24	BDL	3.46	0.08	33.2	22.76
LP0113	LHP078	2	3	21.64	0.08	0.98	0.55	0.48	BDL	2.74	0.018	59.89	12.53
LP0114	LHP078	3	3.95	22	0.09	0.76	0.38	0.4	BDL	2.39	0.02	61.38	11.6
LP0125	LHP079	0	1.1	25.54	0.08	2.85	6.63	0.82	BDL	3.49	0.072	22.69	30.18
LP0126	LHP079	1.1	1.7	23.67	0.1	2.5	4.87	0.9	BDL	3.47	0.089	32.77	23.89
LP0123	LHP080	0	1	25.67	0.1	2.98	6.61	0.82	BDL	3.5	0.074	22.15	31.13
LP0124	LHP080	1	1.8	22.09	0.08	2.89	4.88	0.79	BDL	3.29	0.08	37.71	22.92
LP0007	LHP081	0	0.5	21.28	1.18	5.38	2.11	3.03	0.1	5.26	0.107	45.08	13.63
LP0008	LHP082	0	0.35	23.63	0.18	3.36	6.41	0.73	BDL	3.36	0.054	24.79	29.73
LP0009	LHP083	0	0.4	27.04	0.16	3.02	6.96	0.78	BDL	3.26	0.074	18.69	31.24
LP0010	LHP084	0	0.25	31.39	0.21	4.73	2.23	1.4	0.03	0.64	0.048	47.3	11.37
LP0011	LHP085	0	0.25	32.4	0.05	3.96	0.99	0.52	BDL	1.16	0.029	45.79	13.72
LP0012	LHP086	0	0.4	22.19	0.45	3.56	3.57	0.73	BDL	2.45	0.052	43.83	20.29
LP0013	LHP087	0	0.4	22.85	0.07	2.49	5.65	0.85	BDL	4.04	0.047	29.64	27.6
LP0005	LHP092	0	0.5	8.3	0.3	23.34	4.3	0.35	BDL	2.32	0.112	36.58	19.51
LP0006	LHP093	0	0.5	22.9	0.1	2.72	5.79	0.59	BDL	3.21	0.026	30.08	26.59
LP0014	LHP094	0	0.4	8.97	0.15	1.58	0.93	0.44	BDL	2.15	0.041	76.6	7.04
LP0015	LHP095	0	0.4	16.95	0.72	3.26	1.47	0.72	BDL	3.42	0.092	58.24	12.68
LP0016	LHP096	0	0.4	10.64	0.77	2.2	0.88	0.81	BDL	3.6	0.045	70.3	8.37
LP0017	LHP097	0	0.4	20.95	0.16	4.77	1.23	1.22	BDL	4.88	0.049	53.05	13.07
LP0127	LHP099	0	1.3	27.1	0.06	3.05	6.08	0.75	BDL	3.56	0.061	22.79	30.28

Newly Reported Assay Data From LHP0100 to LHP0147 not included in MRE

Sample	Hole	From	To	Al2O3%	CaO%	Fe2O3%	K2O%	MgO%	MnO%	Na2O%	P2O5%	SiO2%	LOI_%
LP0555	LHP0133	0	0.25	27.15	0.06	3.16	5.73	0.78	BDL	3.33	0.053	23.78	30.88
LP0556	LHP0133	0.25	0.5	26.86	0.05	3.11	5.64	0.79	BDL	3.42	0.066	25.17	30
LP0557	LHP0133	0.5	0.75	27.43	0.05	3.27	5.8	0.78	BDL	3.51	0.064	23.45	30.42
LP0558	LHP0133	0.75	1	28.69	0.05	3	6.4	0.76	BDL	3.51	0.055	18.29	31.92
LP0559	LHP0132	0	0.5	27.38	0.05	3.15	5.71	0.78	BDL	3.4	0.062	23.6	30.92
LP0560	LHP0132	0.5	0.88	28.55	0.05	3.03	6.29	0.73	BDL	3.45	0.059	19.72	31.16
LP0562	LHP0131	0	0.25	26.8	0.05	3.06	5.7	0.81	BDL	3.37	0.052	24.99	30.59
LP0563	LHP0131	0.25	0.5	27.36	0.05	3.15	5.76	0.78	BDL	3.37	0.063	23.73	29.97
LP0564	LHP0131	0.5	0.75	26.62	0.05	3.22	5.69	0.77	BDL	3.55	0.063	24.13	29.98
LP0565	LHP0131	0.75	1	26.13	0.05	2.96	5.62	0.76	BDL	3.5	0.051	25.39	29.82
LP0566	LHP0134	0	0.5	25.81	0.05	2.98	5.44	0.79	BDL	3.41	0.054	27.44	29.23
LP0567	LHP0134	0.5	0.94	25.3	0.05	3.08	5.3	0.76	BDL	3.59	0.055	28.7	28.34
LP0568	LHP0135	0	0.5	26.44	0.06	3.25	5.54	0.74	BDL	3.18	0.061	26.56	29.83
LP0569	LHP0135	0.5	0.87	27.85	0.05	3.21	6.15	0.73	BDL	3.31	0.067	21.36	31.6
LP0570	LHP0136	0	0.5	27.44	0.05	3	6.03	0.74	BDL	3.3	0.059	22.82	31.17
LP0572	LHP0136	0.5	1	28.2	0.05	3.12	6.43	0.73	BDL	3.41	0.062	19.53	31.64
LP0573	LHP0137	0	0.5	27.06	0.05	3.22	5.77	0.76	BDL	3.1	0.061	24.14	30.72
LP0574	LHP0137	0.5	1	28.12	0.05	3.2	6.24	0.75	BDL	3.37	0.064	19.15	32.44
LP0576	LHP0138	0	0.5	27.36	0.06	3.13	5.89	0.77	BDL	3.34	0.059	23.25	30.86
LP0577	LHP0138	0.5	1	28.62	0.05	3.16	6.51	0.74	BDL	3.38	0.062	18.18	32.68
LP0578	LHP0139	0	0.5	27.28	0.05	3.19	5.8	0.8	BDL	3.46	0.059	23.58	30.68
LP0579	LHP0139	0.5	0.8	28.39	0.05	3.16	6.3	0.79	BDL	3.32	0.063	19.93	31.57
LP0580	LHP0140	0	0.5	27.18	0.05	3.1	5.77	0.8	BDL	3.53	0.058	22.77	31
LP0582	LHP0140	0.5	0.99	28.58	0.05	3.15	6.33	0.77	BDL	3.61	0.062	18.89	30.12
LP0583	LHP0141	0	0.66	27.57	0.05	3.11	5.86	0.81	BDL	3.59	0.06	22.37	31.15
LP0584	LHP0142	0	0.5	26.28	0.05	3	5.56	0.81	BDL	3.68	0.058	25.48	29.91
LP0585	LHP0142	0.5	0.98	27.78	0.05	2.96	6.15	0.83	BDL	4	0.059	19.71	31.21
LP0586	LHP0143	0	0.57	24.94	0.09	2.96	5.1	0.78	BDL	3.39	0.054	29.85	28.35
LP0587	LHP0144	0	0.3	26.16	0.09	3.02	5.45	0.81	BDL	3.56	0.051	26.62	29.76
LP0588	LHP0145	0	0.5	26.64	0.05	3.1	5.6	0.82	BDL	3.52	0.056	24.73	30.47
LP0589	LHP0145	0.5	1	28.2	0.05	3.1	6.21	0.81	BDL	3.7	0.062	19.2	31.83

Sample	Hole	From	To	Al2O3%	CaO%	Fe2O3%	K2O%	MgO%	MnO%	Na2O%	P2O5%	SiO2%	LOI_%
LP0590	LHP0146	0	0.5	26.71	0.05	2.94	5.77	0.77	BDL	3.61	0.055	23.76	30.23
LP0592	LHP0146	0.5	1	28.41	0.05	3.14	6.3	0.78	BDL	3.66	0.06	18.86	32.57
LP0593	LHP0123	0	0.5	26.93	0.07	3.17	6.68	0.79	BDL	3.51	0.078	18.88	33.2
LP0594	LHP0123	0.5	1.01	26.41	0.05	3.39	6.82	0.75	BDL	3.29	0.083	20.31	31.92
LP0595	LHP0124	0	0.57	27.1	0.06	3.05	6.95	0.78	BDL	3.35	0.074	18.09	33.42
LP0596	LHP0125	0	0.5	27.62	0.05	3.08	6.96	0.78	BDL	3.3	0.079	17.58	34.16
LP0597	LHP0125	0.5	0.98	17.57	0.05	1.85	4.77	0.45	BDL	2.18	0.049	44.81	21.75
LP0598	LHP0126	0	0.5	26.43	0.05	3.13	6.98	0.71	BDL	3.25	0.07	18.81	33.56
LP0599	LHP0126	0.5	0.81	20.47	0.04	10.43	6.23	0.49	BDL	2.45	0.077	25.12	28.1
LP0600	LHP0115	0	0.63	26.11	0.1	3.67	7.15	0.68	BDL	3.1	0.062	17.99	33.72
LP0602	LHP0116	0	0.68	26.21	0.06	5.27	7.08	0.7	BDL	3.11	0.071	16.95	33.5
LP0603	LHP0117	0	0.65	27.86	0.06	3.06	7.27	0.72	BDL	3.06	0.074	16.24	34.13
LP0604	LHP0118	0	0.67	27.84	0.12	3.1	7.1	0.8	BDL	3.32	0.078	16.7	34.11
LP0605	LHP0147	0	0.5	25.16	0.07	2.92	5.46	0.75	BDL	3.27	0.052	28.64	29
LP0606	LHP0147	0.5	1.06	28.14	0.05	3.03	6.37	0.76	BDL	3.53	0.063	18.74	33
LP0607	LHP0127	0	0.5	26.76	0.05	3.08	5.86	0.76	BDL	3.24	0.057	24.4	31.3
LP0608	LHP0127	0.5	1.01	27.54	0.04	2.88	6.49	0.69	BDL	3.25	0.052	20.34	32.76
LP0609	LHP0128	0	0.5	27.17	0.05	3.15	5.8	0.78	BDL	3.21	0.06	24.09	31.64
LP0610	LHP0128	0.5	0.96	27.63	0.05	2.96	6.36	0.76	BDL	3.65	0.054	19.54	32.27
LP0612	LHP0129	0	0.42	27.35	0.04	3.02	5.89	0.76	BDL	3.16	0.055	23.22	31.59
LP0613	LHP0130	0	0.5	27.25	0.05	3.15	5.75	0.78	BDL	3.26	0.059	23.85	30.96
LP0614	LHP0130	0.5	0.97	27.93	0.04	3	6.22	0.76	BDL	3.45	0.056	20.19	31.89
LP0615	LHP0111	0	0.07	18.66	0.18	2.28	4.53	0.61	BDL	2.8	0.054	43.88	21.75
LP0616	LHP0112	0	0.5	24.32	0.07	2.82	6.25	0.73	BDL	3.3	0.066	26.01	30.01
LP0617	LHP0112	0.5	1.01	26.24	0.05	3.38	6.75	0.77	BDL	3.12	0.095	20.47	31.57
LP0618	LHP0113	0	0.07	24.44	0.08	3.15	5.75	0.82	BDL	3.49	0.081	27.37	29.38
LP0619	LHP0114	0	0.44	25.66	0.12	2.95	6.4	0.83	BDL	3.39	0.077	22.62	31.07
LP0620	LHP0119	0	0.3	25.3	0.07	2.72	5.73	0.78	BDL	3.6	0.049	26.07	29.96
LP0622	LHP0120	0	0.5	25.66	0.05	2.76	5.89	0.76	BDL	3.41	0.047	24.71	30.06
LP0623	LHP0120	0.5	1	26.06	0.05	2.64	6.65	0.68	BDL	3.55	0.043	19.99	31.94
LP0624	LHP0121	0	0.56	24.89	0.05	2.87	5.28	0.75	BDL	3.23	0.048	29.69	28.86
LP0625	LHP0122	0	0.5	24.87	0.05	2.84	5.3	0.74	BDL	3.34	0.05	31.61	28.03
LP0626	LHP0122	0.5	1	14.94	0.05	3.15	3.05	0.5	BDL	2.46	0.032	55.6	16.63
LP0627	LHP0100	0	0.75	27.17	0.08	2.9	7.04	0.75	BDL	3.37	0.071	17.75	33.27
LP0628	LHP0101	0	0.5	25.81	0.04	3.2	6.74	0.68	BDL	2.99	0.078	21.65	30.89
LP0629	LHP0101	0.5	0.97	27.17	0.11	3.12	6.83	0.79	BDL	3.32	0.078	18.04	33.06
LP0630	LHP0103	0	0.48	26.72	0.05	3.24	5.77	0.71	BDL	2.87	0.062	25.05	30.18
LP0632	LHP0105	0	0.35	25.56	0.07	3.05	5.45	0.72	BDL	3.12	0.055	27.38	29.27
LP0633	LHP0106	0	0.5	26.98	0.06	3.09	5.77	0.77	BDL	3.37	0.057	24.56	30.56
LP0634	LHP0106	0.5	0.92	28.47	0.05	3.09	6.39	0.76	BDL	3.58	0.062	18.45	32.37
LP0635	LHP0107	0	0.5	26.2	0.11	2.98	6.64	0.83	BDL	3.65	0.075	20.34	31.93
LP0636	LHP0107	0.5	0.94	21.55	0.06	2.91	5.53	0.62	BDL	2.84	0.076	34.03	26.16
LP0637	LHP0108	0	0.16	25.72	0.1	3.41	6.02	0.82	BDL	3.47	0.085	24.37	30.22
LP0638	LHP0109	0	0.13	25.13	0.08	3.49	5.75	0.83	BDL	3.22	0.087	26.68	29.61
LP0639	LHP0110	0	0.5	26.46	0.11	2.97	6.67	0.78	BDL	3.39	0.072	18.05	31.93
LP0640	LHP0110	0.5	0.86	27.21	0.05	3.07	7.06	0.78	BDL	3.4	0.078	17.28	32.9
LP0641	LHP0110	0.5	0.86	27.45	0.05	3.2	7.02	0.8	BDL	3.39	0.076	17.3	32.44