24 March 2022

Positive field assay results demonstrate further potential for the La Paz Project

Highlights

- In December 2021, the geology team conducted a wide-area geologic mapping and surface geochemical sampling program.
- Geochemical data indicate elevated TREO values in mylonitized dioritic and altered granodioritic gneisses (Pmg) lithologies.
- The encouraging assay results from the recent field geochemical samples continue to support further exploration activities at La Paz.
- Applications have been filed for 36 additional drill sites with Arizona State Lands Department in the La Paz NE resource area.
- ARR geologists are performing further detailed geological mapping and geochemical sampling in conjunction with the current exploration drill program to expand resources in the SW Zone of La Paz.

American Rare Earths (**ASX: ARR, OTCQB: ARRNF, FSE: 1BHA**) (**ARR or 'the Company'**) is pleased to announce that recent field assay results continue to demonstrate potential upside at the Company's flagship project La Paz.

Managing Director, Mr Chris Gibbs, commented:

"The La Paz Project continues to exceed our expectations and is on track to become one of the largest rare earths projects in North America.

"We are currently drilling in the new Southwest Zone of the project where we have an exploration target of approximately 742 - 928 million tonnes to add to the 170.6 million tonne JORC compliant resource.

"We are further excited to report that assay results from field work conducted in December 2021 indicate we should also expand our focus in the Northeast region. As such, we have lodged applications for an additional 36 drill sites with the Arizona State Lands Department.

"The sheer size and scale of this project continues to grow. I'm looking forward to receiving the core assay results back from our current drill program and continuing to expand our exploration efforts in these new areas.

"I wish to pass on my thanks to the Geology team on the ground who have been doing an amazing job as we develop this exciting project. I urge you to watch our recent videos on our website and follow us on social media, where we provide regular updates".

Results of Geologic Mapping and Surface Sampling at La Paz Project Received

In December 2021, ARR conducted a wide-area geologic mapping and surface geochemical sampling program across the full extent of the ARR claims at the La Paz Rare Earths (LPRE) project in La Paz County, Arizona. ARR controls mineral rights over 239 Federal mining claims covering 1,984 hectares (4,902 acres) of Federal mining claims and an Arizona State Exploration License covering 259 hectares (640 acres).

Geologic Mapping

Geologic mapping allowed ARR geologists to better define the extent of REE bearing rock outcrops across the LPRE area. The geologic mapping provided more insight into the deposition and correlation between observed rock units. Specifically, ARR geologists believe that most of the rock belongs to the Swansea Plutonic Suite (SPS) aged (~22-21 Ma) intrusive complex. Four predominant lithologies were identified in the SPS: Pgd – diorite and granodiorite, Pmg – mylonitized dioritic and granodioritic gneiss, Pgg – gabbro, Pgr – granite, Figure 2 and Figure 3. Based on these classifications, ARR geologists updated geologic maps across the LPRE project area. The results were prepared by ARR geologists in a summary report from January 2022 entitled "Summary Report of the La Paz December 2021 Field Work". This report is included as an appendix to this announcement.

Geochemical Surface Sampling

In December, ARR collected 351 rock and soil samples across the LPRE project area. The surface samples were collected to in-fill gaps in previously sampled areas and to collect samples in areas without surface geochemistry samples. ALS labs assayed the samples. ARR geologists compiled the results of the assays to augment our broader geological knowledge of the area to highlight areas of higher REE grades and provide direction for additional exploration. The results were prepared by ARR geologists in a summary report from March 2022 entitled "Updated Surface Sample Analysis Report – La Paz". This report is also available from ARR upon request.

A total of 208 rock samples and 143 soil samples were collected across the LPRE project area (See Figure 1). The Total Rare Earth Oxide (TREO) assays of the 208 rock samples ranged between 33ppm and 823ppm with an average of 280ppm (See Table 1). The spatial distribution of all surface samples revealed several key findings across the LPRE project. First, the rare earth mineralization appears to be best associated with the Pmg – mylonitized gneiss. Second, areas of elevated TREO are clearly observable on geologic maps. These findings provide ARR specific areas for additional detailed exploration.

Table 1: Summary of REE Assay Data from December 2021 Sampling Program

	Claim Extent	SW Resource Area	NE Resource Area
	n=208	*n=125*	*n=83*
TREO Average	280 ppm	278 ppm	283 ppm
TREO Min	33 ppm	47 ppm	33 ppm
TREO Max	823 ppm	823 ppm	709 ppm
MagREO Average	63 ppm	63 ppm	64 ppm
LREO Average	229 ppm	229 ppm	230 ppm
HREO Average	31 ppm	30 ppm	32 ppm

(TREO = total rare earth oxide; MagREO = Nd, Pr, Dy, Tb; LREO = La, Ce, Pr, Nd, Sm; HREO = Y, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu).

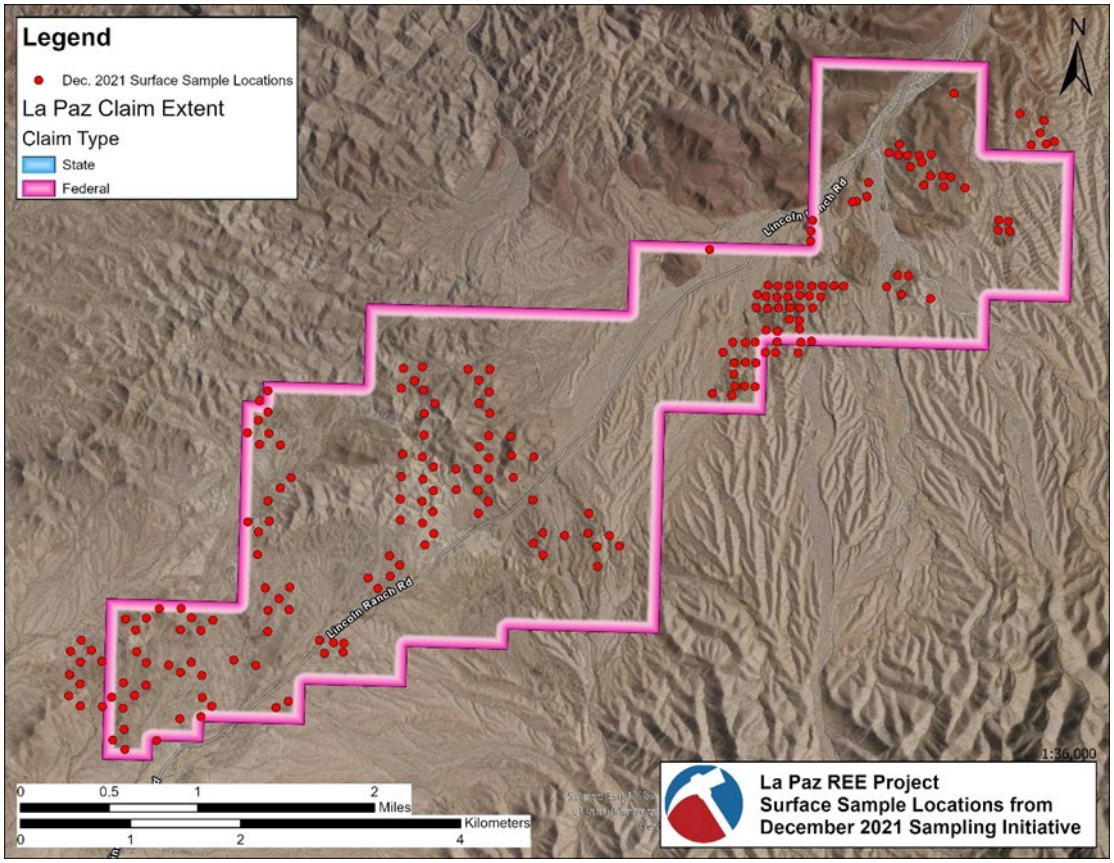


Figure 1: Locations of surface samples collected during December 2021 Mapping

La Paz NE Resource Area

Mapping and geochemical samples in the La Paz NE resource area shows Pmg outcrops with elevated TREO values to the east of the current resource extent (See Figure 2). In late February, ARR received approval from the US Bureau of Land Management (BLM) for two additional drilling sites near these outcrops. ARR will be collecting geotechnical cores from these sites and drilling deeper holes to determine the depth of the water table and installing long-term monitoring wells.

Table 2: Summary of hot spots vs entirety of NE resource area

	NE Resource Area	Blue Hot Spot
	n=2,345	*n=1,189*
TREO Average	381 ppm	409 ppm
TREO Min	24 ppm	91 ppm
TREO Max	809 ppm	651 ppm
MagREO Average	89 ppm	95 ppm
LREO Average	305 ppm	326 ppm
HREO Average	46 ppm	50 ppm

(TREO = total rare earth oxide; MagREO = Nd, Pr, Dy, Tb; LREO = La, Ce, Pr, Nd, Sm; HREO = Y, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu).

La Paz SW Exploration Area

Mapping and geochemical samples in the La Paz SW Exploration area showed elevated TREO grades in two zones associated with Pmg outcrops, Figure 3. The areas highlighted in yellow and green show clusters of statistically elevated TREO grades in these areas.

Table 3: Summary of hot spots vs entirety of SW resource area

	SW Resource Area	Yellow Hot Spot	Green Hot Spot
	n=299	*n=42*	*n=18*
TREO Average	273 ppm	381 ppm	407 ppm
TREO Min	7 ppm	33 ppm	136 ppm
TREO Max	823 ppm	793 ppm	782 ppm
MagREO Average	62 ppm	91 ppm	93 ppm
LREO Average	222 ppm	308 ppm	336 ppm
HREO Average	31 ppm	44 ppm	44 ppm

(TREO = total rare earth oxide; MagREO = Nd, Pr, Dy, Tb; LREO = La, Ce, Pr, Nd, Sm; HREO = Y, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu).

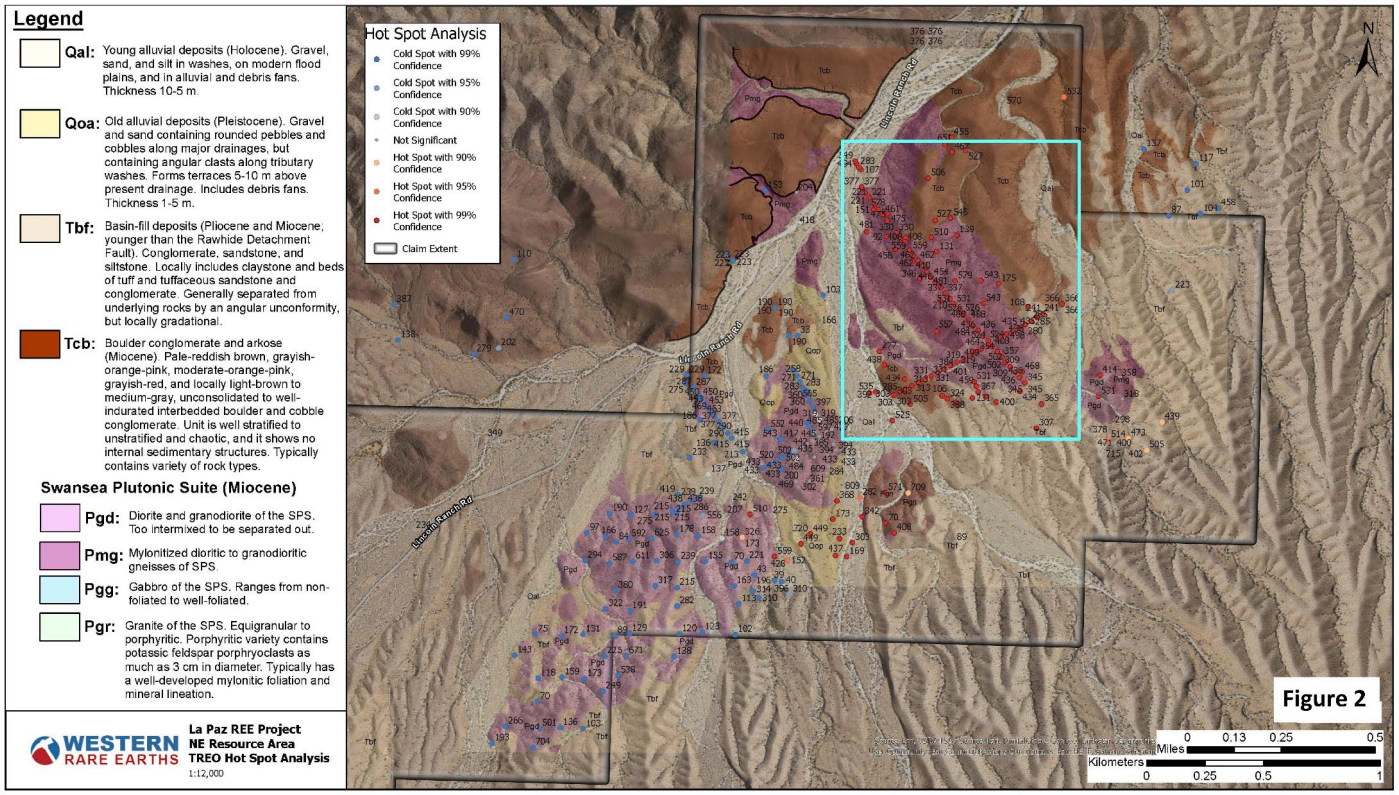
ARR is currently performing exploration drilling in the La Paz Southwest Area with several holes in the "Hot Spots" identified in Figure 3. ARR geologists are also conducting additional geological mapping and sampling in the "Yellow Hot Spot" area.
Geochemical sample results vary greatly outside the elevated zones, or "Hot Spots". ARR plans to systematically review areas near higher grade samples to look for structural or lithological correlations to the "Hot Spot" areas.

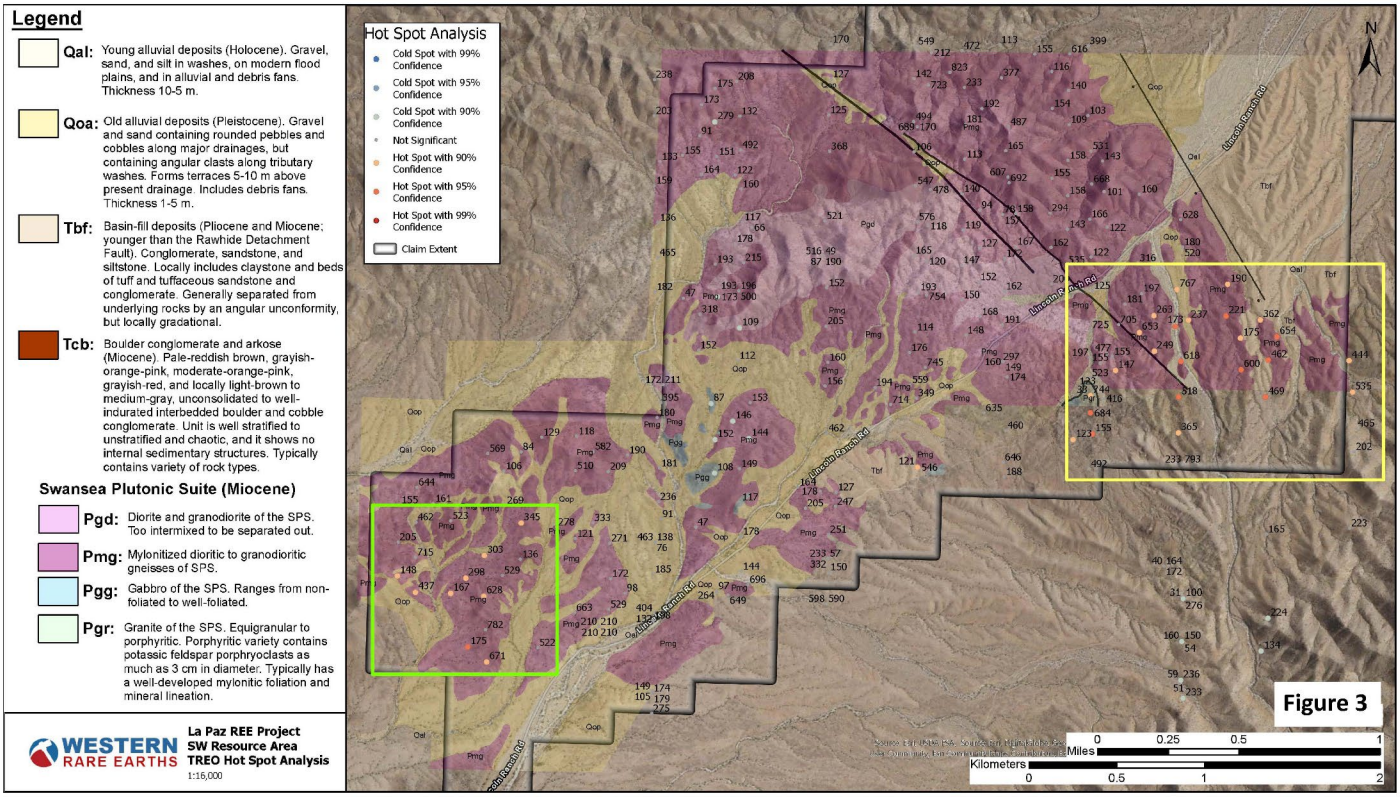
Geologic Field Operations Plan

ARR filed a geologic field operations plan (GFOP) with the Arizona State Lands Department (ASLD) that outlines a plan to drill at approximately 36 drilling sites on the state-owned section La Paz NE resource area. This plan required an extensive environmental and cultural study across 242.8 hectares (600 acres) of the state section. When the GFOP permit is approved, exploration drilling will allow ARR to update resource estimates in the La Paz NE region and collect fundamental data for conceptual mine design.

Conclusions

While being broad in scope, the results of the geologic mapping and geochemical sampling provide ARR with key areas needing additional exploration and development. ARR is very excited about the results of this data and plans to continue exploration activities within the area.





This market announcement has been authorized for release to the market by the Board of American Rare Earths Limited.

Mr Chris Gibbs
CEO & Managing Director

Competent Persons Statement: The information in this Report related to Exploration Results is based on the information compiled by Mr Jim Guilinger. Mr Guilinger is a Member of a Recognised Overseas Professional Organisation included in a list promulgated by the ASX (SME Registered Member of the Society of Mining, Metallurgy and Exploration Inc). Mr Guilinger is Principal of independent consultants World Industrial Minerals LLC. Mr Guilinger has sufficient experience relevant to the style of mineralisation and type of deposit under consideration. The activity they are undertaking as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Guilinger consents the matters in the Report are based on the information in the form and context in which it appears.

About American Rare Earths:

American Rare Earths Limited (ASX: ARR, OTCQB: ARRNF, FSE: 1BHA) is an Australian company listed on the ASX with assets in the growing rare earth metals sector of the United States of America, itself emerging as an alternative international supply chain to China's market dominance of a global rare earth market expected to expand to US$20 billion by the mid-2020s. The Company's mission is to supply Critical Materials for Renewable Energy, Green Tech, Electric Vehicles, National Security, and a Carbon-Reduced Future. Western Rare Earths (WRE) is the wholly owned US subsidiary of the Company. ARR owns 100% of the world-class La Paz rare-earth Project, located 170km northwest of Phoenix, Arizona. As a large tonnage, bulk deposit, La Paz is potentially the largest, rare-earth deposit in the USA and benefits from containing exceptionally low penalty elements such as radioactive thorium and uranium. ARR plans to deliver its first Preliminary Economic Assessment for La Paz by 2022 and is working with leading USA research institutions. La Paz's mineral profile is incorporated into emerging US advanced rare earth processing technologies. In early February 2022, the Company commenced further drilling at the La Paz project to explore lateral and vertical extent in the new southwest area. Approximately 742 - 928 million tonnes of Rare Earths mineralized rocks are identified as an exploration target in the La Paz Rare Earths project's Southwest area with an average TREO Grade of 350 - 400ppm and Scandium Oxide grade of 20 - 24.5ppm. The new exploration Target is additive to the La Paz Rare Earth project recently upgraded 170MT Resource. in the first half of 2021, In June 2021, ARR acquired the USA REE asset, the Halleck Creek Project in Wyoming. With permits in hand, the maiden exploration drilling program commenced in March 2022 and will provide initial mineralization, lithology and fresh rock core material for metallurgical and process testing. Approximately 308 to 385 million tonnes of rare earths mineralized rocks were identified as an exploration target for the Halleck Creek project area with an average Total Rare Earth Oxide (TREO) grade of 2,330 - 2,912 ppm. Initial surface sampling of the Overton Mountain area conducted in 2018 revealed average TREO values of 3,297 ppm, average Heavy Rare Earth Oxide (HREO) values of 244 ppm, and average Magnetic Rare Earth Oxide (MREO) values of 816 ppm

Summary of Geologic Mapping and Surface Sampling from December 2021

March 2022

Compiled by
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1.0 Introduction and Location

This report summaries and presents key findings from the December 2021 field initiative in the La Paz Resource Area led by Sara Stotter with aid from contract Geologist Brianna Crenshaw (Figure 1). This report was compiled from internal memoranda prepared by Sara Stotter. The goals of the program were as follows:

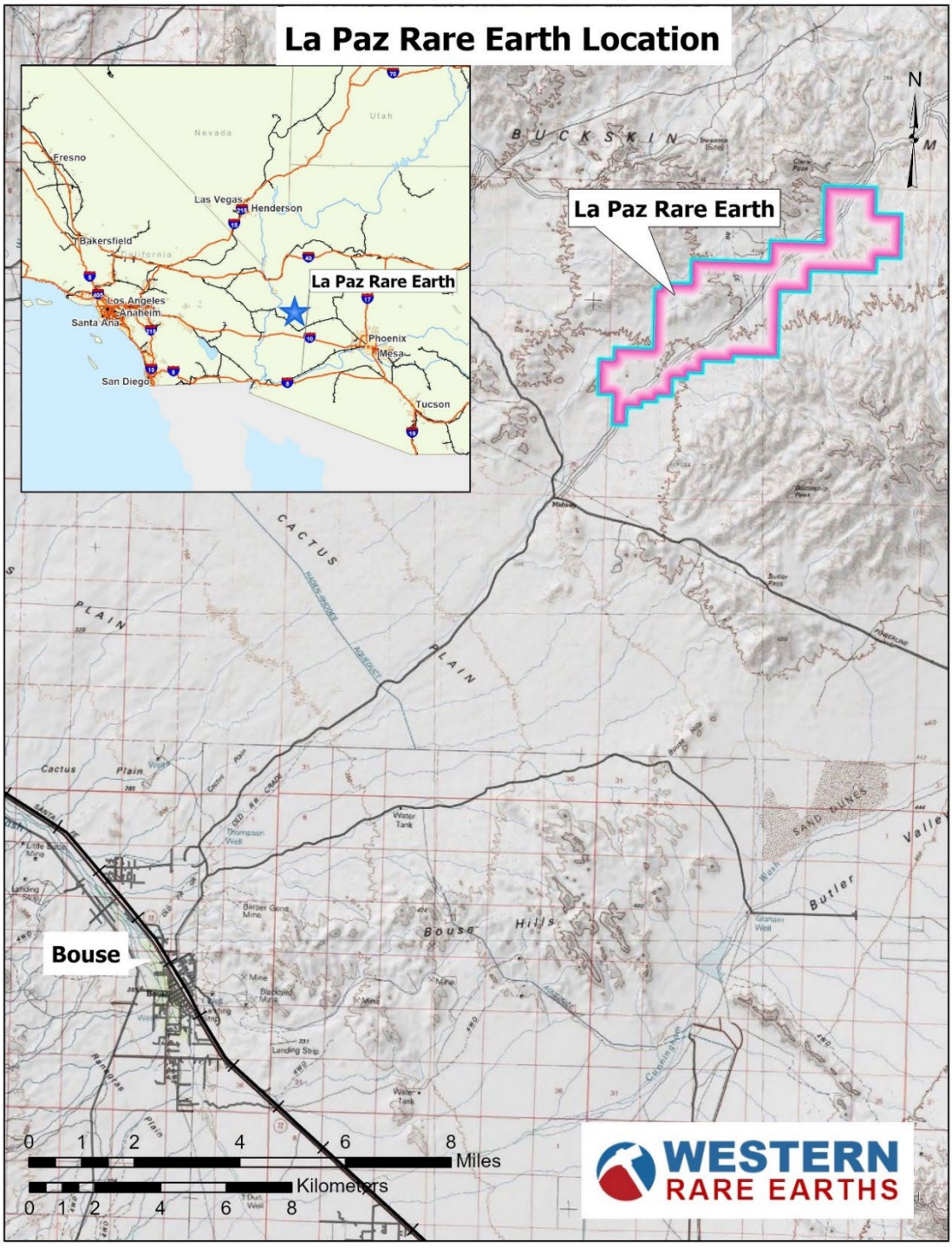
- To better delineate the relationships between mylonitic basement rock, the Swansea Plutonic Suite, and Upper Plate rocks in order to provide a better idea of surface and subsurface framework and extent of mineralization.
- To provide insight into lithology, structures, and other geotechnical issues that may be important for additional, future drill hole exploration and eventually mining.
- To reveal additional information as to where zones of higher-grade material are located, which will be used in the pit design process.
- To show areas where REE mineralization is absent and locations of zones of alteration, further helping to define resource limits.

All goals of the initiative were successfully accomplished, with the exception of missing one small zone of sampling due to time constraints. The key findings and observations are summarized in the following sections. The report will also integrates new data with existing data to provide a more comprehensive understanding of both the NE and SW resrource areas.

A total of 352 surface samples were collected throughout the duration of the field initiative. 181 samples were collected from the north-eastern resource area, and 171 samples were collected from the south-western resource area. The addition of newly acquired samples dramatically improves upon the overall coverage and resolution of surface sampling across critical regions of the resource area. All samples were sent out to ALS Labs in Tucson, Arizona for Rare Earth Element geochemical analysis, and the results will be crucial to

refining resource models and estimations. The results were not received from ALS until late February 2022.

Figure 1 –Project Location



2.0 Geologic Mapping

Geologic Mapping

Rocks related to the Upper Plate were previously grouped and mapped as a single unit, Tsv, which includes both mid-tertiary sedimentary and volcanic rocks as well as variably deformed and metamorphosed Mesozoic and Paleozoic sedimentary and volcanic rocks. Through both field investigation and from literature it can be concluded that within the resource area the upper plate rocks are exclusively composed of red, reddish-brown, and brown sandstone, conglomeratic sandstone, and conglomerates. More specifically, the rocks within the map area have been historically subdivided into a post-detachment, pre-Quaternary unit termed Tbs (Spencer and Reynolds, 1989).

- Further information from Spencer and Reynolds, 1989: "…unconsolidated rubble of cobbles and boulders up to several meters across, and stratified, poorly to moderately sorted cobble conglomerate and sandstone. All of the large clasts and many of the smaller clasts in this unit were derived from the faulted and tilted sandstone, conglomeratic sandstone, and conglomerate described above [found on Clara Peak]. The unconsolidated boulder rubble was deposited on both upper- and lower-plate rocks. So little erosion of the footwall block had occurred before deposition of the rubble that chloritic breccia and microbreccia are locally preserved beneath it. This deceptive geologic relationship was originally and correctly interpreted by Woodward (1981) as a depositional contact." (Spencer and Reynolds, 1989).

- As a result of this information, along with the lack of in situ evidence of faulting, the faults originally mapped around the Tb units in the northeast resource area are most likely purely depositional contacts. As a result, I have removed them from the map for the time being.

Originally, maps of the lower plate in both resource areas were divided into augen gneiss/altered augen gneiss (Pgn/Pagn), and granodioritic rocks of the Swansea Plutonic Suite, which suggests that the Pgn and Pagn units are not part of the suite and instead part of the Cretaceous and Proterozoic layered gneisses.

- The Swansea Suite is an early Miocene aged (~22-21 Ma) intrusive complex that underlies approximately 370 km^2 of lower plate rocks in the Buckskin and Rawhide Mountains (Singleton, 2012). The suite is complex and composed of a variety of rock types, which, according to literature, range from gabbro to granite with a variety of textures ranging from porphyritic to mylonitic. A key feature of the suite that has been historically noted is that most of the rocks which contain any quartz have a mylonitic foliation because of ductile deformation during metamorphism associated with extensional deformation. The only place that the Swansea Suite is relatively undeformed is in the Bouse Hills, which is about 12 miles south-southwest of the project areas.

- The Cretaceous and Proterozoic layered gneiss of the lower plate is described as a heterogeneous unit composed of layers of biotite-quartz-feldspar gneiss, granite gneiss, biotite-hornblende gneiss, amphibolite, and minor amounts of biotite muscovite schist. Foliation is well developed throughout the unit, and mylonitization only tends to present locally in the western Buckskin Mountains. These rocks are also found, in great abundance, in the Planet Peak Antiform to the northwest of the project area and the Ives Peak Antiform to the southeast. Historically, these rocks have not been identified near Clara Peak and therefore near the La Paz resource area.

- When in the field, WRE geologists used textural differences as a primary identifier between previously established rock units. As such, they expected to see a very clear distinction between rocks previously mapped as granodiorite, which by textbook definition are massive, and granitic augen

gneiss. They also found that there were localized regions of relatively undeformed granodioritic material, however, from field observations this region of massive granodiorite is significantly smaller than previously mapped.

- The majority of rocks that encountered while mapping *did* exhibit a mylonitic and/or gneissic texture, which exhibited a large range of variability. Some rocks were coarse-grained and contained well developed augen, while others were fine-grained and exhibited thin gneissic banding with mylonitic quartz layers. The augen gneiss tended to be more granitic in composition, with the finer-grained mylonitic rocks tending to be more granodioritic, occasionally trending towards tonalitic (could have been a result of alteration, though).

- Surprisingly, the rock are heterogeneous and variable, particularly in the southwestern resource area. Geologists expected to see at least some homogeneity within regions mapped as Pgn, Pagn, Pgd, etc., respectively. However, it was very common that the porphyritic granite and fine-grained mylonitic lithologies were extensively intermingled even within a region mapped as Pgn, Pgd, etc. As such, the thought is that the mapping was previously defined on dominance of each texture/lithology within a given area, which will likely be continued.

- After going over new data and comparing to historical literature, we surmise that all of the lower plate rocks within the resource area actually might belong to the Swansea Plutonic Suite. The Pgn is most likely the porphyritic granite of the Swansea Suite that has been deformed from extensional deformation, and is not a separate "augen gneiss" belonging to the Cretaceous and Proterozoic layered gneisses. Furthermore, the "augen gneiss" does not entirely fit the descriptions of any of the units within the layered gneiss. This has yet to be fully proven.

- Geologists also identified possible aplitic dikes within regions mapped as Pgn, which are actually a component of the Swansea Plutonic Suite.

- What has previously been mapped as Pgg, which is definitely a gabbro, could instead be gabbro associated with the Swansea Suite instead of the basement rocks.

- Historically, the layered gneiss has not been mapped in the Clara Peak region at the northern end of the La Paz claims adjacent to the La Paz NE resource Area.

- The majority of field time was focused on collecting samples, significant changes to the mapping/geology will not be made until after the SW La Paz drilling program has concluded and the results analysed.

Geologic Map Updates

While a number of significant findings were outlined in the previous section, WRE geologists chose not to completely overhaul the map for the time being due to lack of complete data. The upcoming drilling campaign will provide insight as to testing these hypotheses, after which changes to geologic maps will occur if deemed necessary. That said, geologists redefined and re-mapped some regions based on the schema upon which it was initially mapped. The updated maps for the northeastern and southwestern resource areas (Figure 2 and Figure 3).

Figure 2 - La Paz NE Geologic Map

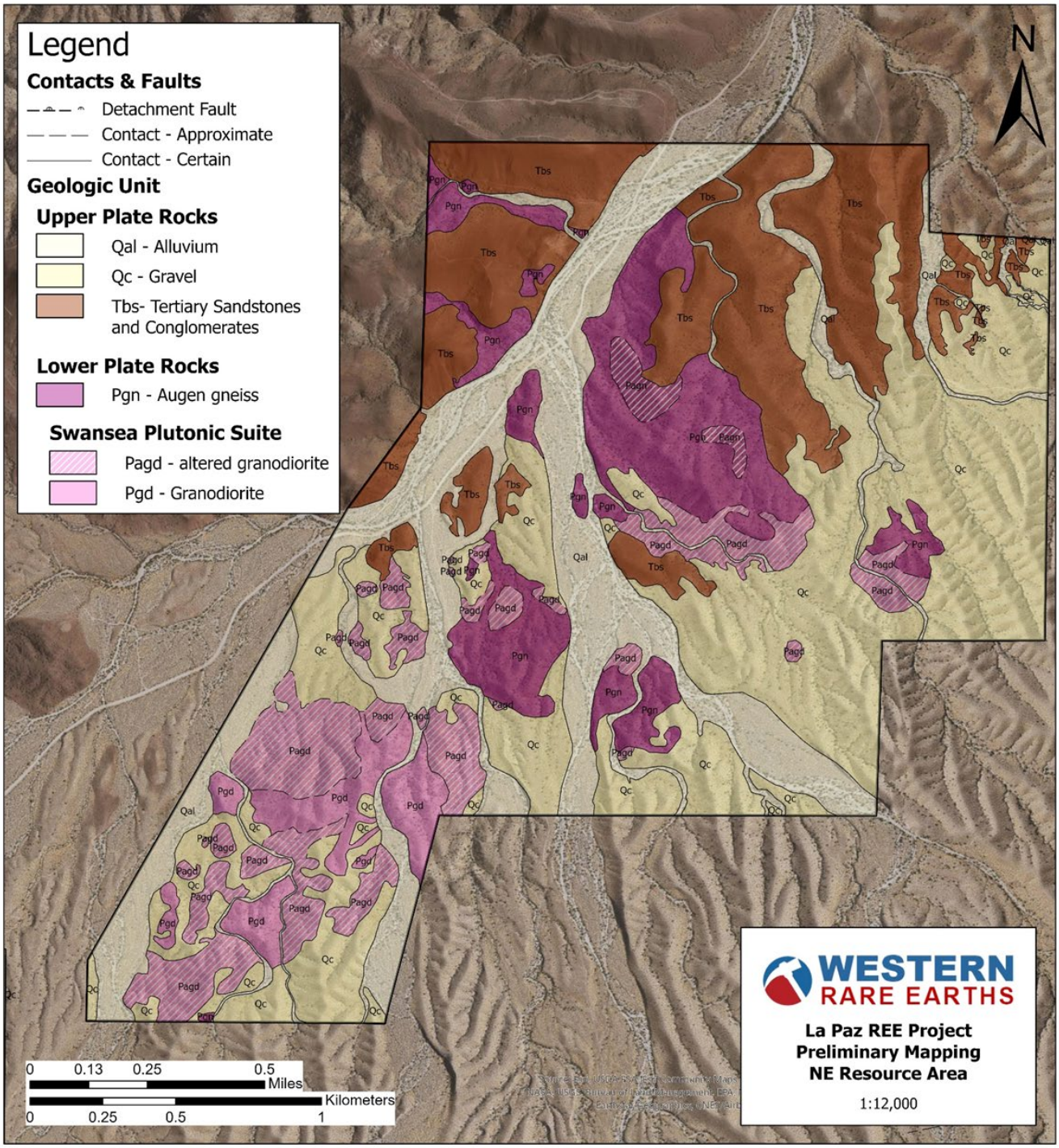
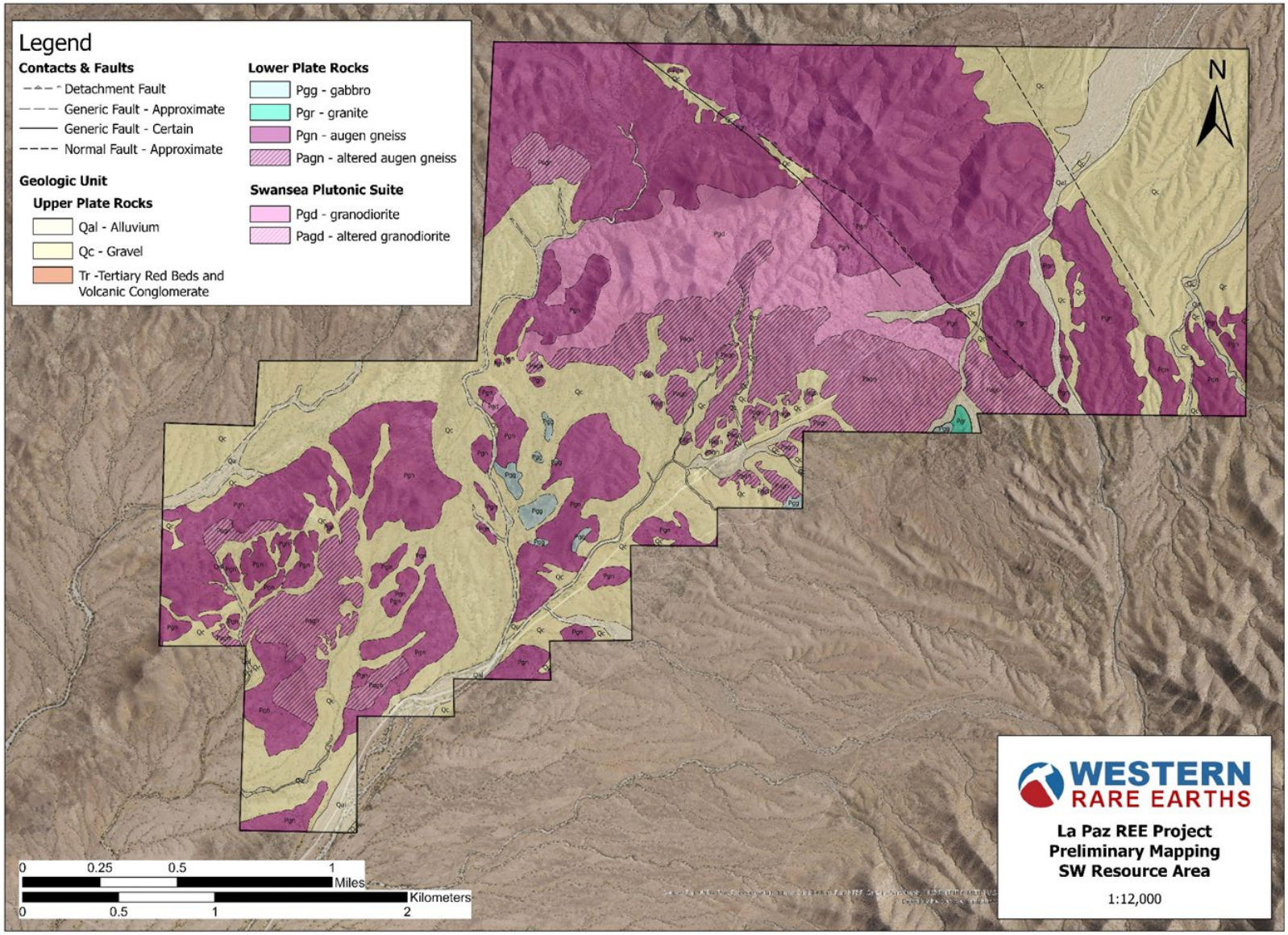


Figure 3 –La Paz SW Geologic Map



3.0 Geochemical Data from December 2021

During December of 2021, geologists Sara Stotter and Brianna Crenshaw collected a total of 351 surface samples from across both the NE and SW resource areas (Figure 4). Both outcrop and float samples were collected, however this report will focus on the outcrop samples (n=208). All samples were submitted to ALS labs for assay. The assay results were received in late February 2022.

Sample Collection Methods

Each rock and soil sample weighed between 1kg and 2kg. WRE geologists described each sample in detail, photographed the sample, and assigned a unique sample ID. Each sample weas located using handheld GPS units as latitude and longitude. The sample locations were then converted to NAD 1983 UTM Zone 12.

The samples were bagged and securely stored until they were shipped to ALS Labs in Tucson Arizona.

The sample data was imported into the DHDB database for storage, analysis, and reporting. A detailed report of each geochemical sample resides in Appendix B.

Analytical Methods

ALS Labs performed assay work on the geochemical samples. The samples were crushed to p70 -2mm, and split using a standard riffle splitter. The samples were then pulverized to p85 -75 microns.

30 elements, including Rare Earth Elements, were assayed using the ALS ME-MS81 method. The method uses a fusion bead, acid digestion and ICP-MS for elemental analysis.
Whole rock analyses were also collected for each sample using ALS method ME-ICP06.

Summaries of the rare earth element data, then element assay data, and the whole rock assay data reside in Appendix C, Appendix D, and Appendix E, respectively.

Geochemical Sample Results

Of the 208 outcrop samples, the average TREO value is 280 ppm, with a minimum value of 33 ppm and a maximum value of 823 ppm. 27% of samples were over 350 ppm, 17% were between 200-350 ppm, and 56% were below 200 ppm. Additional summaries of the geochemical data can be found in Table 1. TREO values for the entire claim extent from the most recent sampling program can be observed in Figure 2.

Table 1 – Summary of REE Assay Data from December 2021 Sampling Program

	Claim Extent	**SW Resource Area**	**NE Resource Area**
	n=208	*n=125*	*n=83*
TREO Average	280 ppm	278 ppm	283 ppm
TREO Min	33 ppm	47 ppm	33 ppm
TREO Max	823 ppm	823 ppm	709 ppm
MagREO Average	63 ppm	63 ppm	64 ppm
LREO Average	229 ppm	229 ppm	230 ppm
HREO Average	31 ppm	30 ppm	32 ppm

(TREO = total rare earth oxide; MagREO = Nd, Pr, Dy, Tb; LREO = La, Ce, Pr, Nd, Sm; HREO = Y, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu).

Figure 4 – Locations of surface samples collected during December 2021

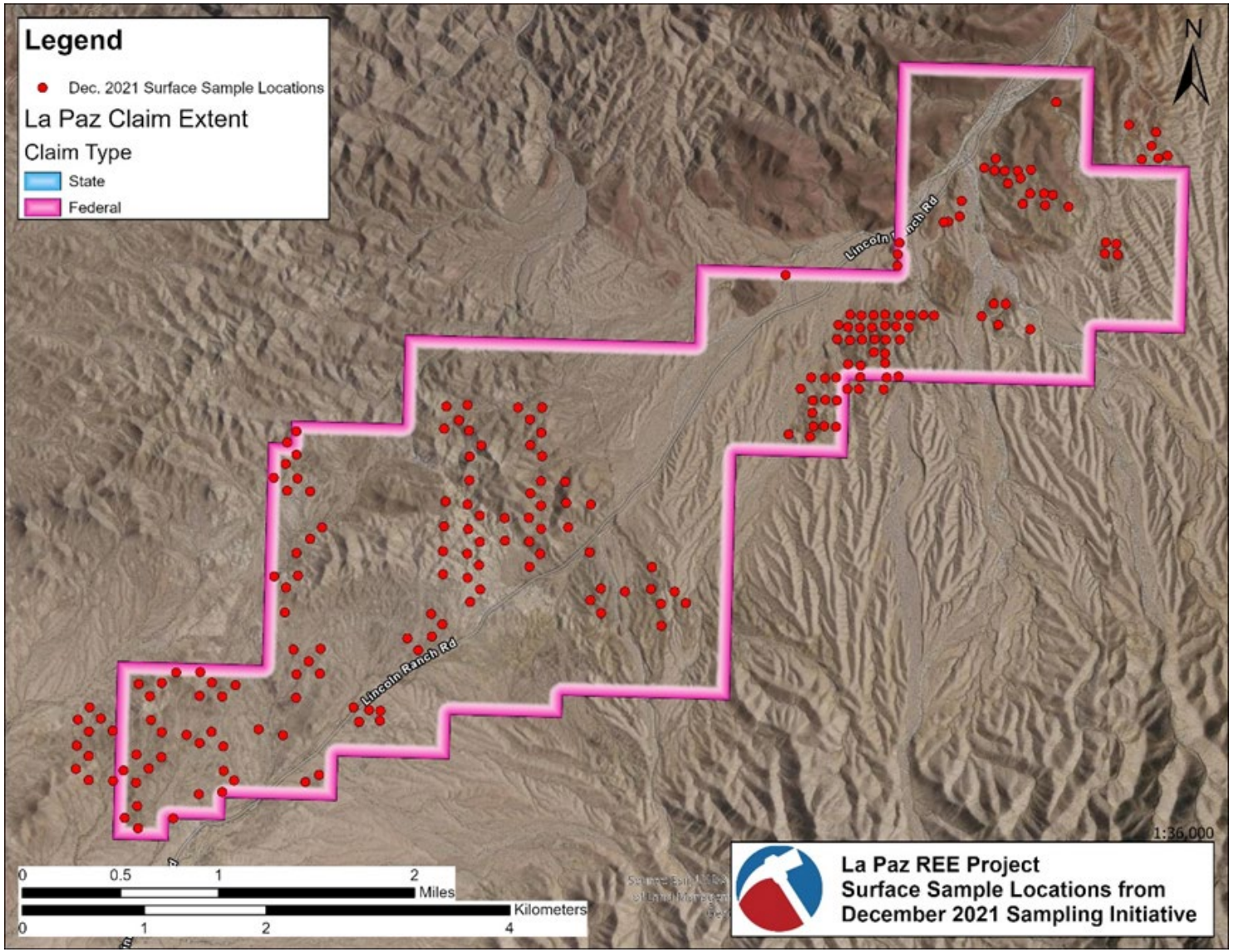
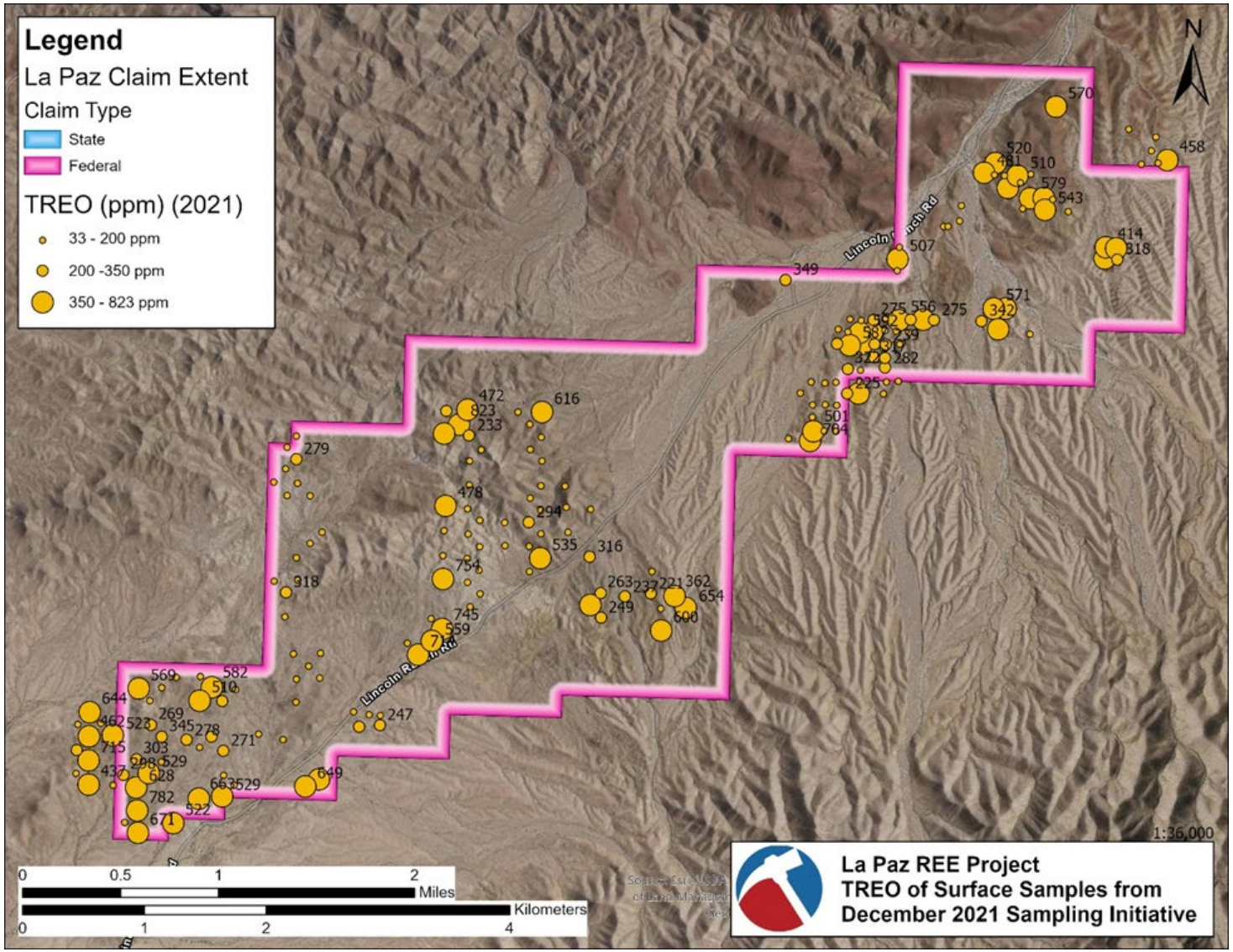


Figure 5 – TREO values of December 2021 surface samples



Integration with previous assay data and summary

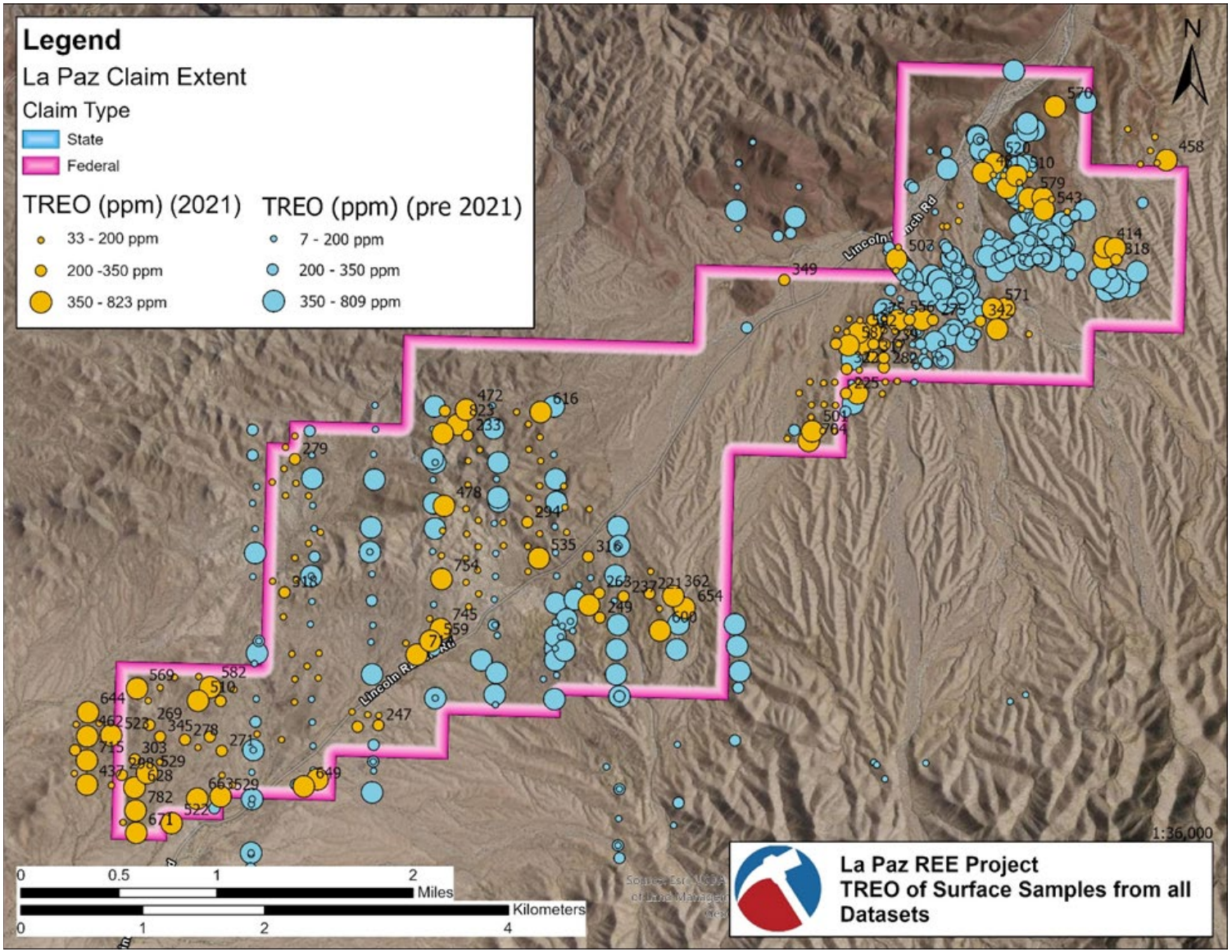
The results of the surface assays were imported into WRE database (DHDB). The newest assay data from the December 2021 sampling program greatly improved surface coverage in both the SW and NE resource areas, which can be observed in Figure 6 and Table 2.

Table 2 – Summary of REE Assay Data – All Assays

	Claim Extent	**SW Resource Area**	**NE Resource Area**
	n=2,644	*n=299*	*n=2,345*
TREO Average	369 ppm	273 ppm	381 ppm
TREO Min	7 ppm	7 ppm	24 ppm
TREO Max	823 ppm	823 ppm	809 ppm
MagREO Average	86 ppm	62 ppm	89 ppm
LREO Average	295 ppm	222 ppm	305 ppm
HREO Average	44 ppm	31 ppm	46 ppm

(TREO = total rare earth oxide; MagREO = Nd, Pr, Dy, Tb; LREO = La, Ce, Pr, Nd, Sm; HREO = Y, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu).

Figure 6 – TREO values from all surface samples



SW Resource Area

The following figure (Figure 7) shows TREO values (ppm) from all surface samples in the Southwestern Resource Area as part of a hot spot analysis. The hot spot analysis tool in ArcPro identifies statistically significant spatial clusters of high values (hot spots) and low values (cold spots). In other words, the hot spots analyses help to identify regions where TREO values are consistently high. As can be observed in Figure 7, there are two areas of note that should be taken into consideration.

The first cluster, denoted by the yellow box, indicates that the southeastern corner of the northern half of the SW resource area is most likely the greatest area of interest based on high reported TREO values which are consistent across a relatively broad area (Table 3). It is important to also note that the majority of hot spots and elevated TREO values are from the Pmg (mylonitized dioritic to granodioritic gneisses) as opposed to the Pgd (diorite and granodiorite). This, coupled with the predominantly low TREO values and statistically insignificant regions on the NW side of Lincoln Ranch Road indicate that further exploration should be targeted to the SE of the yellow box. Furthermore, additional claims should be staked.

The hot spot analysis also indicates a zone of interest in the southwest of the SW resource area, indicated by the green box (Table 3). As such, this region also warrants further investigation, similar to the region in the yellow box described above.

Additionally, there are regions that have been denoted as “Not Significant” according to the hot spot analysis. While some of these areas may contain higher TREO grades, this designation indicates that more detailed mapping and sampling is required to find geological trends at smaller scales.

Table 3 – Summary of hot spots vs entirety of the La Paz SW resource area

	SW Resource Area	Yellow Hot Spot	Green Hot Spot
	n=299	*n=42*	*n=18*
TREO Average	273 ppm	381 ppm	407 ppm
TREO Min	7 ppm	33 ppm	136 ppm
TREO Max	823 ppm	793 ppm	782 ppm
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NE Resource Area

The hot spot analysis for the NE resource area (Figure 8) shows one significant cluster, denoted by the blue box (Table 4). Similar to the SW resource area, the hot spots and elevated values are associated with the Pmg as opposed to the Pgd. This indicates it could be beneficial to continue exploration to the southeast of the blue box.

Table 4 – Summary of hot spots vs entirety of the La Paz NE resource area

	NE Resource Area	Blue Hot Spot
	n=2,345	*n=1,189*
TREO Average	381 ppm	409 ppm
TREO Min	24 ppm	91 ppm
TREO Max	809 ppm	651 ppm
MagREO Average	89 ppm	95 ppm
LREO Average	305 ppm	326 ppm
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(TREO = total rare earth oxide; MagREO = Nd, Pr, Dy, Tb; LREO = La, Ce, Pr, Nd, Sm; HREO = Y, Eu, Gd, Tb, Dy, Ho, Er, Tm, Yb, Lu).

Figure 7 – La Paz SW Area Hotspot Analysis

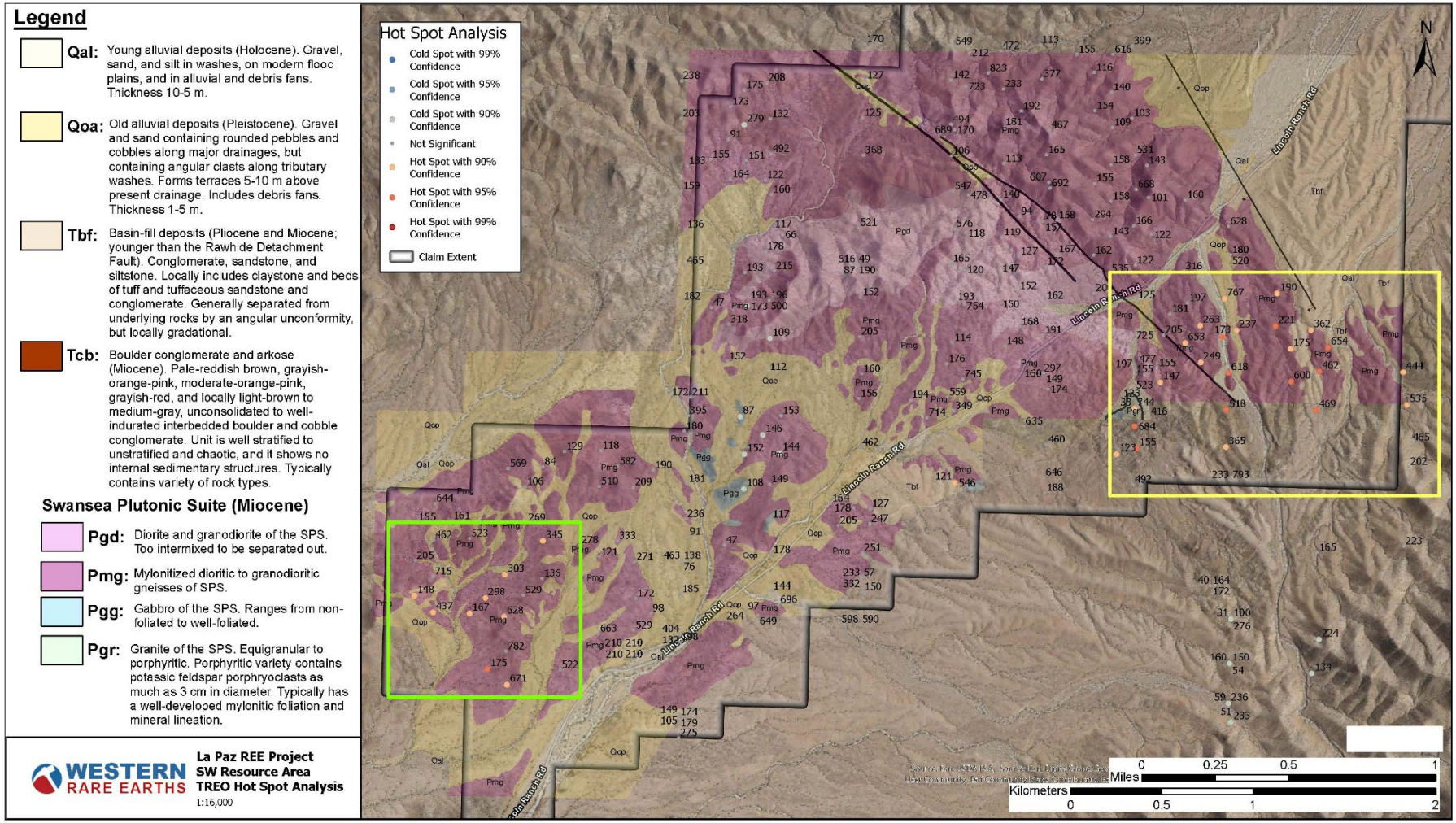
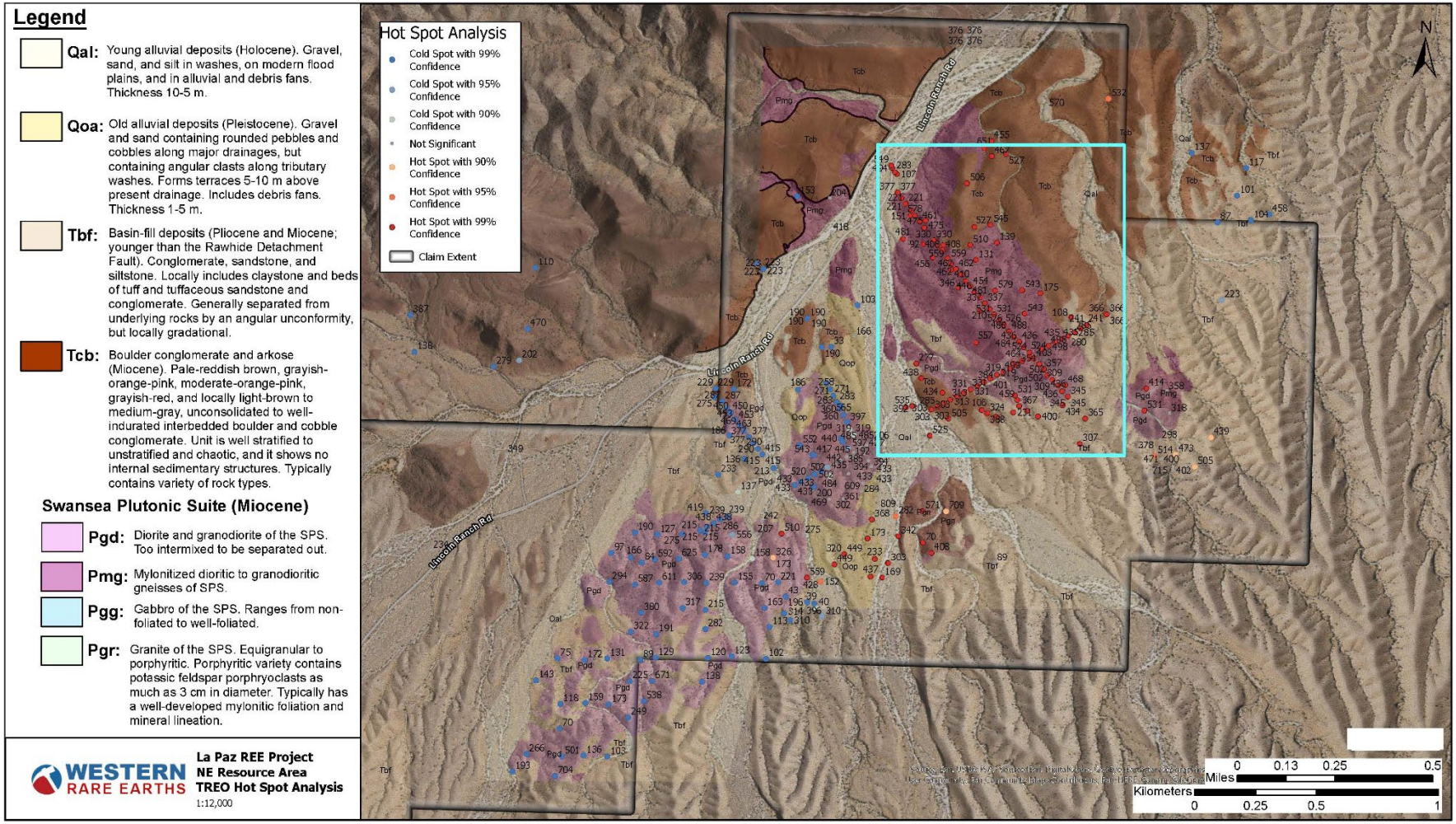


Figure 8 – La Paz NE Area Hotspot Analysis



4.0 Conclusions and Recommendations

WRE recommend that additional geological mapping occur in the key hot spot areas at La Paz. Furthermore, a day can be spent in the Buckskin Mountains or the surrounding antiforms to compare documented Cretaceous and Proterozoic layered gneisses with what we have observed in the claim area.

The above geochemical results show that the hot spot analyses have accurately identified areas of interest based on clustered and consistently elevated TREO values. These hot spots indicate the areas within our current claim extent that have the highest potential for REE mineralization, and furthermore indicate that additional claim staking and exploration should be conducted near these regions. The implications for these hot spots, coupled with overall increased sampling coverage in the current resource area, could dramatically refine and elevate our resource estimate for the entirety of the La Paz REE Project.

Additionally, the new geochemical data suggests that the mylonitized dioritic to granodioritic gneisses (Pmg) should be targeted as opposed to the diorite and granodiorite (Pgd) of the Swansea Plutonic Suite. This information will allow for more targeted exploration to occur in both the NE and SW resource areas.

10.0 Certificates of Qualifications

CERTIFICATION OF QUALIFICATIONS
Dwight M. Kinnes, CPG (Author)
Chief Technical Officer
American Rare Earths, Ltd.

I, DWIGHT M. KINNES, Qualified Professional Member (QP) #4063295RM of the Society of Mining Engineers (SME), HEREBY CERTIFY THAT:

1. I am currently employed as chief technical officer with American Rare Earths, Ltd, with an office in Centennial, CO 80122.

2. I am a graduate of Colorado State University, with a B.S. degree in Geology (1986), I have been practicing my profession since 1986.

3. I am a registered member of the Society Of Mining Engineers (SME), number 4063295.

4. From 1986 to present I have been actively employed in various capacities in the mining industry in numerous locations in North America, South America, Asia, Australia, and Europe.

5. I am a Co-Author of the Technical Report titled "Summary of Geologic Mapping and Surface Sampling from December 2021" dated March 17, 2022 (the "Technical Report) and accept professional responsibility for all sections of this report.

6. As of the effective date of the Technical Report, to the best of my knowledge, information and belief, The Technical Report Contains all scientific and technical information that is required to be disclosed to make the Technical Report not misleading.

7. I am employed by American Rare Earths, Ltd.

8. I consent to the filing of this Technical Report with any stock exchange and other regulatory authority and publication by them, including publication of this Technical Report in the public company files on their websites accessible by the public.

DATED in Centennial, Colorado, USA this 21st day of March, 2022.

Dwight M. Kinnes, CPG (4063295RM – SME)

CERTIFICATION OF QUALIFICATIONS
JAMES R. GUILINGER
CONSULTING GEOLOGIST
WORLD INDUSTRIAL MINERALS LLC

I, JAMES R. GUILINGER, Qualified Professional Member (QP) #01260280RM of the Society Of Mining Engineers (SME), HEREBY CERTIFY THAT:

1. I am currently employed as a consulting geologist with World Industrial Minerals LLC, PO Box 130, Arvada, Colorado, USA 80004.

2. I am a graduate of the University of Colorado, with a B.A. degree in Geology (1973), I have been practicing my profession since 1974.

3. I am a member of the Society Of Mining Engineers (SME) RM, number 01260280 RM.

4. From 1974 to present I have been actively employed in various capacities in the mining industry in numerous locations in North America, Asia, Europe and the Middle East.

5. I have read the Technical Report titled "Summary of Geologic Mapping and Surface Sampling from December 2021" dated March 17, 2022 (the "Technical Report) and concur with the findings in this report as presented by the Author.

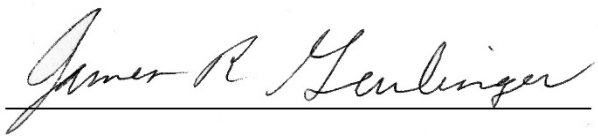
6. I have had extensive prior involvement working in rare earths and on rare earths properties similar to La Paz since the mid 1980's in various capacities as an employee of mining companies and as a consulting geologist.

7. As of the effective date of the Technical Report, to the best of my knowledge, information and belief, The Technical Report Contains all scientific and technical information that is required to be disclosed to make the Technical Report not misleading.

8. I am independent of ARR.

9. I consent to the filing of this Technical Report with any stock exchange and other regulatory authority and publication by them, including publication of this Technical Report in the public company files on their websites accessible by the public.

DATED in Arvada, Colorado, USA this 21st day of March, 2022.



James Guilinger RM01260280

CERTIFICATION OF QUALIFICATIONS

Sara V. Stotter, MS (Author)

Geologist

Western Rare Earths, Inc.

I, SARA V. STOTTER, HEREBY CERTIFY THAT:

1. I am currently employed as a geologist with Western Rare Earths, Inc, with an office in Laramie, WY 82070.

2. I am a graduate of Bucknell University, with a B.S. degree in Geology (2016), and a graduate of the University of Montana, with a M.S. degree in Geology (2019), I have been practicing my profession since 2019.

3. From 2019 to present, I have been actively employed in capacities related to the mining industry in various locations throughout the United States.

4. I am a Co-Author of the Technical Report titled "Summary of Geologic Mapping and Surface Sampling from December 2021" dated March 17, 2022 (the "Technical Report) and accept professional responsibility for all sections of this report.

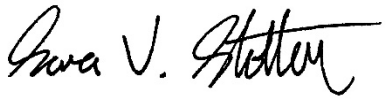
5. As of the effective date of the Technical Report, to the best of my knowledge, information and belief, The Technical Report contains all scientific and technical information that is required to be disclosed to make the Technical Report not misleading.

6. I am employed by Western Rare Earths, Inc.

7. I consent to the filing of this Technical Report with any stock exchange and other regulatory authority and publication by them, including

publication of this Technical Report in the public company files on their websites accessible by the public.

DATED in Laramie, Wyoming, USA this 21st day of March, 2022.



Sara V. Stotter, MS

11.0 Documentation

Singleton, J.S., Mosher, S., 2012 "Mylonitization in the lower plate of the Buckskin-Rawhide detachment fault", Journal of Structural Geology 39 (2012) 180-198.

Spencer, J.E., Reynolds, S.J., 1990 "Geology And Mineral Resources Of The Bouse Hills, La Paz County, West-Central Arizona", Arizona Geological Survey, Open-File Report 90-9.

Appendices

Appendix A – JORC Table 1

JORC Code, 2012 Edition – Table 1 La Paz Rare Earth Project

Section 1 Sampling Techniques and Data

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

Criteria	JORC Code explanation	Commentary
Sampling techniques	*Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.*	Historical drilling: In 2011, the prospect was drill tested by 195 percussion drill holes ranging from 40' (13m) to 100' (30m depth) for a total of 18,805' (5,731)m. Drilling was completed on 3 parallel section lines across strike and 1 section line along strike, with holes spaced 100' along section lines.
		March 2021 Core Drilling: WRE drilled 9 diamond core holes of HQ size ranging from 168 feet to 403 feet in depth with a total length of 2,238 feet (682 meters), 6 Holes core were twins of select percussion holes drilled in 2011.
		December 2021 351 surface geochemical samples were collected from rock outcrops and soils. Each sample weighed approximately 2kg. Coordinates for each sample were collected by GPS. Each sample was described geologically, photographed and given a unique sample ID.
	Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.	Representative 1kg samples were collected from each 5' (1.52m) interval of drilling
	Aspects of the determination of mineralisation that are Material to the Public Report.	
	In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.	A 250g sub-sample was pulverized to -75 microns and a 0.5g charge was assayed for REEO by ICP-MS using standard industry procedures at ALS Chemex, Reno, Nevada.

Drilling techniques	*Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).*	Historical drilling: A track mounted percussion rig supplied by Dynamic Rock Solutions LLC, Salome, Arizona was used to drill 195 3.5" diameter percussion holes. Drilling began on April 20th, 2011 and was completed on May 31st 2011. Hole depths varied from 40-100', with 142 out of 195 holes drilled to 100' depth. A total of 18,805' (5,731m) was drilled
		March 2021 Core Drilling: Timberline Drilling, Inc. from Elko Nevada used a track mounted core rig to drill HQ diameter core holes. 6 holes were in the La Paz Resource area and 3 other holes were drilled on the remainder of the property. See the Drill Hole Location Map. Drilling commenced on March 11, 2021 and concluded on March 31, 2021. Drill hole depths varied between 168 feet and 403 feet for a total length of 2,238 feet (682 meters).
		No drilling was performed during geological mapping and sampling project.
Drill sample recovery	*Method of recording and assessing core and chip sample recoveries and results assessed.*	Sampling of ~200g per foot drilled to produce a composite~1kg sample for every 5' drill interval which is considered representative of each interval.
		March 2021 Core Drilling: Core recovery was 98% ±. Core material was sent to America Assay Labs, in Spark, Nevada for assay.
	Measures taken to maximise sample recovery and ensure representative nature of the samples.	All drilling was carried out above the water table to minimize possible contamination
	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.	
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.*	A representative sample of each 5' interval was retained in chip trays for logging. Geological logging is considered to have been logged to a level of detail appropriate to support Mineral Resource Estimates.
	Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.	Chip sample logging is qualitative in nature
	The total length and percentage of the relevant intersections logged.	Drill holes were logged in full based on representative samples from every 5' interval.
		March 2021 Core Drilling: All core was geologically logged and photographed on site by qualified geologists.

Sub-sampling techniques and sample preparation	*If core, whether cut or sawn and whether quarter, half or all core taken.*	No core samples were collected in the 2011 drilling.
		March 2021 Core Drilling: All core was shipped to American Assay Labs for further logging and testing. Additional samples were selected for metallurgical testing.
	If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.	Percussion chips were collected in a bucket for every 5' interval. A representative 1kg sample from each 5' interval was prepared by the site geologist.
	For all sample types, the nature, quality and appropriateness of the sample preparation technique.	All samples were dry. Sample preparation: 1kg samples split to 250g for pulverizing to -75 microns. Sample analysis: 0.5g charge assayed by ICP-MS technique
	Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.	The 1kg samples were delivered to an accredited laboratory for sample preparation and analysis
	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.	Sample preparation techniques are considered industry practice and are conducted at accredited external laboratory, all considered appropriate to the style of mineralization and suitable for determining Mineral Resource Estimates
		March 2021 Core Drilling: After logging, photographing, samples were boxed and securely banded for shipping to American Assay Labs. The lab performed assays, additional photography and cutting in preparation for studies and mineral processing and metallurgy. Chans of custody were maintained at all times.
	Whether sample sizes are appropriate to the grain size of the material being sampled.	
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.*	Sample analysis: A 250g split from each sample was pulverized to -75 micron and a 0.5g subsample fused with lithium borate, then subjected to a 4-acid digest and then assayed by ICP-MS for 38 elements

		December 2021 surface geochemical samples were assayed by ALS labs using their ME-MS81d method. ME-MS81d uses a fused bead, acid digestion and ICP-MS to determine grade in PPM of elements including Rare Earth. Whole rock analysis were also included.
	For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.	No geophysical tools, spectrometers, handheld XRF instruments, etc used.
	Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.	The laboratory used standard quality control procedures incorporating duplicate samples, standards and blanks.
Verification of sampling and assaying	*The verification of significant intersections by either independent or alternative company personnel.*	Significant intercepts were verified by an independent consultant geologist as part of the resource estimation.
	The use of twinned holes.	No twinned holes were used.
	Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	Originally all chip trays for each hole interval were stored in a secure facility in Bouse, Arizona. All drill hole logs, associated interval assay results were stored electronically within the company. All geologic data was entered onto log sheets manually then subsequently entered into the computer. Data at all times was secure
		WRE collected QAQC samples during sample preparation. WRE is in the process of statically analyzing the sample QAQC sample results.
	Discuss any adjustment to assay data.	None
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.*	Down hole surveyed were not used due to the short length (max 30m depth). Hole collars were surveyed using a handheld GPS.
		March 2021 Core Drilling: Location were determined using Handheld GPS units. Downhole surveys were not performed due to relatively shallow depths..
		All of December 2021 surface samples were located using a handheld GPS unit.
	Specification of the grid system used.	Historic 2011 Drilling: UTM grid system NAD 1927 Zone 12

		March 2021 Core Drilling: UTM grid system NAD 1983 Zone 12. (The entire project was updated to use NAD 1983 UTM Zone 12 projections.
	Quality and adequacy of topographic control.	Drill hole elevations were estimated using existing USGS topographic base maps as control.
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.	The data spacing and distribution are considered sufficient for the current level of early exploration of the areas of interest
	Whether sample compositing has been applied.	Samples have not been composited as all sample intervals were equal (5').
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.*	Close-spaced vertical drill holes were used to overcome any structural bias of the fine-grained disseminated REEO mineralisation.
		March 2021 Core Drilling: New diamond core from 6 twinned holes completed in the resource area to confirm the reserve and acquire detailed geological understanding of the mineralized zones. See Drill Hole Location Map. March 2021 Core Drilling: 3 exploration core holes were drilled in the southwest portion of the claim area to follow-up on surface samples and to explore additional mineralized zones at depth. See Drill Hole Location Map.
	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.	
Sample security	*The measures taken to ensure sample security.*	Drill samples were kept in a secure storage locker before dispatch by bonded courier to the laboratory.

		March 2021 Core Drilling: All core was collected from the drill rig daily and stored in a secure, locked facility until the core was dispatched by bonded courier to America Assay Labs. Chains of custody were maintained at all times.
		December 2021: All geochemical samples were in the direct control of WRE geologists until the samples were shipped to ALS labs in Tucsan, Az.
Audits or reviews	*The results of any audits or reviews of sampling techniques and data.*	No audits or reviews have been conducted. Extensive review of the data has been undertaken for the purpose of updating the historic and current planned exploration activity.

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 tenement schedule is included in the appendix to this report. The tenements are in the form of 20-acre United States Bureau of Land Management lode mining claims. The total land package controlled by the Company in the La Paz Project Area consists of 261 unpatented lode mining claims totaling 5392.26 acres (2178.47 has). The State Exploration Permit totals 640 acres (259 has). The mining claims are 100% owned by the Company with no royalties. All claims are outside of any wilderness or national park and environmental settings. An historic railroad line crosses a portion of the claims but is outside of any historic or planned exploration programs. The State leased land is subject to a State royalty (as yet undetermined) once the exploration activity has advanced to the exploitation level. At this point the State engineers and geologists will evaluation any defined mineral deposit and determine an appropriate royalty.

		The QP is not aware of any environmental liabilities attached to the La Paz claims and is not a Qualified Person with respect to environmental issues. An archaeological survey of the La Paz claims conducted by Professional Archaeological Services of Tucson, Arizona, dated March 20, 2011, was submitted to the Arizona State Land Department. The survey found no substantial areas of archaeological significance (P.A.S.T., 2011). The author is not a Qualified Person with respect to archaeological issues.
	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.	As long as annual Arizona State lease holding fees and annual claim holding fees are paid to both the BLM and the County (La Paz) in which the claims reside, tenure is secure.
Exploration done by other parties	*Acknowledgment and appraisal of exploration by other parties.*	Rare earths were first recognized in June 2010 by John Petersen, a geologist, who submitted for analysis a reconnaissance sample from the Swansea and Bill Williams River areas that analyzed 459.98 ppm total rare earth elements (TREE). A further 119 samples returned TREE values of 20.6 to 674.21 ppm. Scandium varied from 1.1 to 30.2 ppm. AusAmerican then conducted a confirmation sampling exercise of 22 samples that returned values of 6 to 588 ppm TREE, followed in February 2011, by a sample grid of 199 samples that returned 49 to 714 ppm TREE. 195 percussion drill holes were drilled in early 2011. Additional sampling was conducted in 2019 and 2020.
		All drilling was carried out by AusAmerican Mining Corporation and at the time the company was listed on the ASX.
Geology	*Deposit type, geological setting and style of mineralisation.*	The project lies within the Harcuvar metamorphic core complex within the Basin and Range Province of Arizona. Mineralisation is hosted in alkali granitic gneiss and to a lesser extent, a structurally superimposed suite of continental red beds. REEOs occur in Allanite (epidote) that occurs as fine-grained disseminations and micro-fracture fillings.
		WRE geologists updated surface geologic maps across the La Paz project area based upon field observations and analytical results.

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:*	AusAmerican in 2011 contracted Dynamic Rock Solutions LLC of Salome, Arizona, to conduct exploratory drilling using a track-mounted percussion drill. Drilling began on April 20, 2011 and was completed on May 31, 2011. One hundred and ninety-five 3.5" diameter holes were completed for the purpose of obtaining samples of the rock types present. Holes varied in depth from 40 to 100 feet: most holes (142 of 195) were completed to 100 feet and total footage drilled was 18,805 feet. Distances between holes was 100 feet and holes were situated along 4 lines: Lines A, B, and C were oriented NW-SE, and one, Line D, was oriented in the NE direction and crossed the other lines. The map below illustrates the La Paz percussion drill hole locations and the sample lines.
		March 2021 Core Drilling: Timberline Drilling, Inc. from Elko Nevada used a track mounted core rig to drill HQ diameter core holes. 6 holes were in the La Paz Resource area and 3 other holes were drilled on the remainder of the property. See the Drill Hole Location Map. Drilling commenced on March 11, 2021 and concluded on March 31, 2021. Drill hole depths varied between 168 feet and 403 feet for a total length of 2,238 feet (682 meters).
	easting and northing of the drill hole collar	March 2021 Core Drilling: Locations of the March 2021 Core Hole data are located in Appendix B of the Press Release.
	elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar	
	dip and azimuth of the hole	
	down hole length and interception depth	
	hole length.	
	If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.	
Data aggregation methods	*In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.*	Drill holes cuttings were collected at five-foot intervals. An approximate 2 lb. (1.36 kg) sample was submitted to ALS Chemex laboratory in Reno, Nevada, for geochemical analysis. A total of 3269 samples were submitted: all were analyzed for 60 elements, including REE, Y and Sc. REE assay results from the percussion drilling program are summarized in an Appendix at the back of the report

	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.*	March 2021 Core Drilling: All core was boxed in 10-feet long sections in core boxes. No aggregations of the core was performed.
Relationship between mineralisation widths and intercept lengths	*These relationships are particularly important in the reporting of Exploration Results.*	
	If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.	The vertical drill hole orientations, 5' sample lengths are considered appropriate to the style of flat-lying bulk tonnage mineralisation
	If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').	
Diagrams	*Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.*	See geotechnical sample location maps in text
Balanced reporting	*Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	The lastest exploration results reported in July 29, 2021 Press Release and "2021 Core Hole Analysis Summary, June 2021"
Other substantive exploration data	*Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.*	Metallurgical test work was completed following the 2011 drilling program. Drillhole LP-B7 was twinned and sixteen samples submitted to Saskatchewan Research Council, Saskatoon, Saskatchewan, Canada for pre-concentration and preliminary leaching tests
		Representative rock specimens were submitted to SGS Canadian Laboratories, Vancouver, Canada from within the resource areas to determine overall mineral assemblages and liberations/association of rare earth element carriers
		March 2021 Core Drilling: Approximately 500 kg of core has been shipped to Nagrom Labs, in Perth Australia, for additional mineral processing and metallurgical testing.

Further work	*The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).*	March 2021 Core Drilling: Approximately 500 kg of core has been shipped to Nagrom Labs, in Perth Australia, for additional mineral processing and metallurgical testing.
	Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	

Section 3 Estimation and Reporting of Mineral Resources

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

Criteria	*JORC Code explanation*	
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.*	Drill hole logs are captured in the DHDB database with built-in validation for imports. Drill Hole Data was exported from DHDB and imported into Leapfrog Geo/Edge v2021.1/
		December 2021 surface sample locations, descriptions, and assay data were input into the DHDB database. December 2021 surface samples have not been used to update resource estimates
	Data validation procedures used.	
Site visits	*Comment on any site visits undertaken by the Competent Person and the outcome of those visits.*	Competent Person visited the La Paz project site in 2011 to review drill chips, verify drill hole collar locations and critical geological observations. An additional CP (author of this current updated report visited the field in 2020 to review geology and drill sites for the upcoming core drilling program
		March 2021 Core Drilling: The Competent Person visited the sire during the drilling campaign.
	If no site visits have been undertaken indicate why this is the case.	

Geological interpretation	*Confidence in (or conversely, the uncertainty of) the geological interpretation of the mineral deposit.*	The La Paz project area lies within the Reid Valley Basin, adjacent to the Buckskin Mountains, in the west central part of the Basin and Range Physiographic and Structural province of southwestern United States. The Buckskin Mountains are part of the Harcuvar metamorphic core complex that features exposures of a detachment fault and its mylonitic footwall. Hanging wall rocks, collectively referred to as the Upper Plate, consist of a variety of complexly normal-faulted and tilted rocks that include syntectonic, mid-Tertiary sedimentary and volcanic rocks. The footwall block, commonly referred to as the Lower Plate, is composed of variably mylonitic crystalline and meta-sedimentary rocks
		The geology at the La Paz project is not well understood at the project level and has not been mapped in detail, however principal rock units identified in chips included Tertiary red beds, gneiss and felsic intrusives
	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.	Modelling of geological units was completed by delineating two domains conforming to the unconformable character of regional geology: Upper Plate, comprising Quaternary alluvium (Qal) and Tertiary-aged red bed conglomerate (Tc), and Lower Plate, comprising Proterozoic gneiss and Tertiary-Cretaceous felsic intrusive sills.
	The factors affecting continuity both of grade and geology.	Geological continuity between drill holes has been assumed and no detailed structural complexity has been incorporated.
Dimensions	*The extent and variability of the Mineral Resource expressed as length (along strike or otherwise), plan width, and depth below surface to the upper and lower limits of the Mineral Resource.*	The REE mineralized zones extend 900m N-S and 1200m E-W along strike and to a depth of 60m
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.*	Mineralized domains were determined using a cutoff grade of 300ppm TREE. Up to 2m of dilution material, below 300ppm TREE was included in a minerlized domain.

The availability of check estimates, previous estimates and/or mine production records and whether the Mineral Resource estimate takes appropriate account of such data.	The resource estimate was check against previous resource estimates. However, the previous resource estimate was an unconfined model with large lithological units.
The assumptions made regarding recovery of by-products.	n/a
Estimation of deleterious elements or other non-grade variables of economic significance (eg sulphur for acid mine drainage characterisation).	No such elements are known at this time. The La Paz project has very low levels of Thorium and Uranium that will probably not need special handling or mitigiation
In the case of block model interpolation, the block size in relation to the average sample spacing and the search employed.	Block model size: 20m x 20m x 2.5m; no rotation; total 2,260,000 blocks. Blocks could be sub-celled up to 5-times in each direction based on modeling domain. Resource estimate was based on an isotropic Inverse Distance Weighting (IDW) interpolation based on TREE >300ppm The minimum number of sample used to populate each block was three. A maximum search radius of 20m and 400m was used to populate blocks for indicated and inferred resources respectively.

	General			Ellipsoid Ranges			Ellipsoid Directions			Number of Samples		Drillhole Limit
Purpose	Interpolant Name	Domain	Numeric Values	Maximum	Intermediate	Minimum	Dip	Dip Azimuth	Pitch	Minimum	Maximum	Max Samples per Hole
Estimation	ID, TREE	T01	TREE	500	500	20	0	0	0	4	20	4
Estimation	ID, TREE	T02	TREE	530	320	110	1	325	88	4	20	4
Estimation	ID, TREE	T03	TREE	500	500	10	1	106	37	4	20	4
Estimation	ID, TREE	T04	TREE	200	200	30	1	106	37	4	20	4
Validation	ID, TREE raw data	T01	TREE	10	10	10	0	0	90	4	5	
Validation	Kr, TREE	T01	TREE	50	28	28	0	0	90	4	20	
Validation	NN, TREE	T01	TREE	50	28	28	0	0	90			

Count	3364
Mean	320.15
Standard Error	1.965
Median	336.2
Mode	288.91
Standard Deviation	113.99
Sample Variance	12995.4755
Kurtosis	0.685665479
Skewness	0.176084552
Range	748.86
Minimum	32.63
Maximum	781.49
Sum	1076991.26

		Composite Parameters:
	Any assumptions behind modelling of selective mining units.	
	Any assumptions about correlation between variables.	V General / Direction / Structure 1 Variogram Name | Dip | Dip Azimuth | Pitch | Nugget | Sill | Normalised sill | Structure | Major | Semi-major | Minor T01: Variogram Model | 2 | 0 | 0 | 517 | 3,877 | 1 | Spherical | 50 | 50 | 30 T02: Variogram Model | 2 | 0 | 0 | 382 | 2,870 | 1 | Spherical | 70 | 100 | 110 T03: Variogram Model | 1 | 0 | 0 | 0 | 1,905 | 1 | Spherical | 275 | 450 | 10 T04: Variogram Model | 1 | 1 | 106 | 0 | 15,894 | 1 | Spherical | 8 | 5 | 2 TREE raw data T01: Variogram Model | 0 | 0 | 90 | 0 | 6,558 | 1 | Spherical | 5 | 5 | 5 TREE: Variogram Model | 0 | 0 | 90 | 0 | 4,257 | 1 | Spherical | 50 | 28 | 28
	Description of how the geological interpretation was used to control the resource estimates.	Resource estimation was constrained by modelled mineralised domains and each domain was reported independently.
	Discussion of basis for using or not using grade cutting or capping.	The grade was cut using a minimum value of 300ppm TREE. The data was not capped because of the good distribution of data. Large spikes in grade are not observed.
	The process of validation, the checking process used, the comparison of model data to drill hole data, and use of reconciliation data if available.	
Moisture	*Whether the tonnages are estimated on a dry basis or with natural moisture, and the method of determination of the moisture content.*	Tonnage was estimated on a dry basis
Cut-off parameters	*The basis of the adopted cut-off grade(s) or quality parameters applied.*	A cut-off grade of 300ppm TREE was used for reporting mineral resources.

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.*	No mine plan or design has been prepared at this stage however the shallow nature of the deposit assumes extraction by open pit mining methods.
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.*	Preliminary metallurgical test work on RC chips from drill holes has indicated the mineralisation is amenable to concentration by a series of gravity separation, magnetic separation and flotation processes.
		Overall total rare earth oxides (TREO) recoveries are 68.1% at an average grade of 1,248ppm TREO and a total mass yield of 26.9%
		Total recovery is a combination of 5.2% recovery by gravity separation and 62.9% by flotation
Environmental factors or assumptions	*Assumptions made regarding possible waste and process residue disposal options. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider the potential environmental impacts of the mining and processing operation. While at this stage the determination of potential environmental impacts, particularly for a greenfields project, may not always be well advanced, the status of early consideration of these potential environmental impacts should be reported. Where these aspects have not been considered this should be reported with an explanation of the environmental assumptions made.*	No baseline environmental studies have been completed at this stage, however no environmental liabilities are known

<table>
<tr><td rowspan="3">Bulk density</td><td>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.</td><td>42 core samples were collected and analysed for specific gravity using displacement. An average density of 2.68 was applied to the re
<table>
<tr><th></th><th></th><th colspan="2">Density Data</th></tr>
<tr><th>Lith Type Code</th><th>Lithology Type</th><th>Average of g/cm3</th><th>Count of g/cm3</th></tr>
<tr><td>go</td><td>Granodiorite</td><td>2.59</td><td>3</td></tr>
<tr><td>gn</td><td>Gneiss</td><td>2.63</td><td>5</td></tr>
<tr><td>pd</td><td>porphyry dike</td><td>2.65</td><td>1</td></tr>
<tr><td>ct</td><td>cataclasite</td><td>2.66</td><td>5</td></tr>
<tr><td>gm</td><td>mylonite gneiss</td><td>2.70</td><td>26</td></tr>
<tr><td>dk</td><td>dike</td><td>2.72</td><td>1</td></tr>
<tr><td>ga</td><td>gabbro/ultramafic</td><td>2.85</td><td>1</td></tr>
<tr><td>Grand Total</td><td></td><td>2.68</td><td>42</td></tr>
</table></td></tr>
<tr><td>The bulk density for bulk material must have been measured by methods that adequately account for void spaces (vugs, porosity, etc.), moisture and differences between rock and alteration zones within the deposit.</td><td>The deposit contains few voids, is relatively dry and alteration is generally not extentsive enough to affect density. The samples etsted for density are representive and the resource material.</td></tr>
<tr><td>Discuss assumptions for bulk density estimates used in the evaluation process of the different materials.</td><td></td></tr>
<tr><td rowspan="3">Classification</td><td>The basis for the classification of the Mineral Resources into varying confidence categories.</td><td>Drilling data from 2011 and 2021 was separated into four mineralised domains using 300ppm TREE as the defining parameter. In the block model, the indicated class is limited to a distance of 50m from a drill hole. Inferred resources extent from 50m to the boundaries of the model.</td></tr>
<tr><td>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).</td><td>This arbitrarily assigned classification is considered to be fair and reasonable. Proportionally, the indicated resource amounts to 21% of the total resource.</td></tr>
<tr><td>Whether the result appropriately reflects the Competent Person’s view of the deposit.</td><td>The results do represent the Competent Person's view of the deposit.</td></tr>
<tr><td>Audits or reviews</td><td>The results of any audits or reviews of Mineral Resource estimates.</td><td>The resource estimate was developed Odessa Resources Pty Ltd in July 2021. No audits or reviews, outside of Westen Rare Earths personnel have been performed.</td></tr>
</table>

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.*	Odessa Resources Pty performed classical and geostatistical analysis of the data. The results of these examinations reside in the text of the attached report.
	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.	At this time the resource model has not been used for any economic assessment.
	These statements of relative accuracy and confidence of the estimate should be compared with production data, where available.	

Section 4 Estimation and Reporting of Ore Reserves

(Criteria listed in section 1, and where relevant in sections 2 and 3, also apply to this section.)

Criteria	*JORC Code explanation*	
Mineral Resource estimate for conversion to Ore Reserves	*Description of the Mineral Resource estimate used as a basis for the conversion to an Ore Reserve.*	
	Clear statement as to whether the Mineral Resources are reported additional to, or inclusive of, the Ore Reserves.	
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.	
Study status	*The type and level of study undertaken to enable Mineral Resources to be converted to Ore*	
	Reserves.	
	The Code requires that a study to at least Pre-Feasibility Study level has been undertaken to convert Mineral Resources to Ore Reserves. Such studies will have been carried out and will have determined a mine plan that is technically achievable and economically viable, and that material Modifying Factors have been considered.	

Cut-off parameters	*The basis of the cut-off grade(s) or quality parameters applied.*	
Mining factors or assumptions	*The method and assumptions used as reported in the Pre-Feasibility or Feasibility Study to convert the Mineral Resource to an Ore Reserve (i.e. either by application of appropriate factors by optimisation or by preliminary or detailed design).*	
	The choice, nature and appropriateness of the selected mining method(s) and other mining parameters including associated design issues such as pre-strip, access, etc.	
	The assumptions made regarding geotechnical parameters (eg pit slopes, stope sizes, etc), grade control and pre-production drilling.	
	The major assumptions made and Mineral Resource model used for pit and stope optimisation (if appropriate).	
	The mining dilution factors used.	
	The mining recovery factors used.	
	Any minimum mining widths used.	
	The manner in which Inferred Mineral Resources are utilised in mining studies and the sensitivity of the outcome to their inclusion.	
	The infrastructure requirements of the selected mining methods.	
Metallurgical factors or assumptions	*The metallurgical process proposed and the appropriateness of that process to the style of mineralisation.*	
	Whether the metallurgical process is well-tested technology or novel in nature.	
	The nature, amount and representativeness of metallurgical test work undertaken, the nature of the metallurgical domaining applied and the corresponding metallurgical recovery factors applied.	
	Any assumptions or allowances made for deleterious elements.	
	The existence of any bulk sample or pilot scale test work and the degree to which such samples are considered representative of the orebody as a whole.	
	For minerals that are defined by a specification, has the ore reserve estimation been based on the appropriate mineralogy to meet the specifications?	

Environmen-tal	*The status of studies of potential environmental impacts of the mining and processing operation. Details of waste rock characterisation and the consideration of potential sites, status of design options considered and, where applicable, the status of approvals for process residue storage and waste dumps should be reported.*	
Infrastructure	*The existence of appropriate infrastructure: availability of land for plant development, power, water, transportation (particularly for bulk commodities), labour, accommodation; or the ease with which the infrastructure can be provided, or accessed.*	
Costs	*The derivation of, or assumptions made, regarding projected capital costs in the study.*	
	The methodology used to estimate operating costs.	
	Allowances made for the content of deleterious elements.	
	The derivation of assumptions made of metal or commodity price(s), for the principal minerals and co- products.	
	The source of exchange rates used in the study.	
	Derivation of transportation charges.	
	The basis for forecasting or source of treatment and refining charges, penalties for failure to meet specification, etc.	
	The allowances made for royalties payable, both Government and private.	
Revenue factors	*The derivation of, or assumptions made regarding revenue factors including head grade, metal or commodity price(s) exchange rates, transportation and treatment charges, penalties, net smelter returns, etc.*	
	he derivation of assumptions made of metal or commodity price(s), for the principal metals, minerals and co-products.	
Market assessment	*The demand, supply and stock situation for the particular commodity, consumption trends and factors likely to affect supply and demand into the future.*	
	A customer and competitor analysis along with the identification of likely market windows for the product.	
	Price and volume forecasts and the basis for these forecasts.	

	For industrial minerals the customer specification, testing and acceptance requirements prior to a supply contract.	
Economic	*The inputs to the economic analysis to produce the net present value (NPV) in the study, the source and confidence of these economic inputs including estimated inflation, discount rate, etc.*	
	NPV ranges and sensitivity to variations in the significant assumptions and inputs.	
Social	*The status of agreements with key stakeholders and matters leading to social licence to operate.*	
Other	*To the extent relevant, the impact of the following on the project and/or on the estimation and classification of the Ore Reserves:*	
	Any identified material naturally occurring risks.	
	The status of material legal agreements and marketing arrangements.	
	The status of governmental agreements and approvals critical to the viability of the project, such as mineral tenement status, and government and statutory approvals. There must be reasonable grounds to expect that all necessary Government approvals will be received within the timeframes anticipated in the Pre-Feasibility or Feasibility study. Highlight and discuss the materiality of any unresolved matter that is dependent on a third party on which extraction of the reserve is contingent.	
Classification	*The basis for the classification of the Ore Reserves into varying confidence categories.*	
	Whether the result appropriately reflects the Competent Person's view of the deposit.	
	The proportion of Probable Ore Reserves that have been derived from Measured Mineral Resources (if any).	
Audits or reviews	*The results of any audits or reviews of Ore Reserve estimates.*	

Discussion of relative accuracy/ confidence	*Where appropriate a statement of the relative accuracy and confidence level in the Ore Reserve 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 reserve within stated confidence limits, or, if such an approach is not deemed appropriate, a qualitative discussion of the factors which could affect the relative accuracy and confidence of the estimate.*	
	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.	
	Accuracy and confidence discussions should extend to specific discussions of any applied Modifying Factors that may have a material impact on Ore Reserve viability, or for which there are remaining areas of uncertainty at the current study stage.	
	It is recognised that this may not be possible or appropriate in all circumstances. These statements of relative accuracy and confidence of the estimate should be compared with production data, where available.	

Appendix B – Surface Sample Summary Report

Surface Sample Summary

Drill Hole	Easting	Northing	Elevation	Type		Rock Unit	Notes
LP00119	240,877.09	3,781,435.77		Outcrop	Trb	Tertiary Red Beds	Possible red bed/paleosol in the northern La Paz map area. Moderately well sorted, poorly consolidatedm, fines upwards. Red-brown coloration. Some horizons are more pebble-y and very poorly sorted; highly variable.
LP00121	243,099.83	3,782,856.81		Float	Pgn	Granodiorite gneiss	In a small blip of Pgn float within the greater body of volcanics; map as small Pgn body. No actual outcrop, but its dominance infers its presence.
LP00122	243,100.78	3,782,857.89		Outcrop	Pgn	Granodiorite gneiss	Draw Pgn + volcanics. Pretty comingled but definitely Pgn, albiet really weathered and altered.
LP00123	242,106.14	3,782,059.19		Float	Pgn	Granodiorite gneiss	Small, rubbly outcrop of Pgn. Safe to say this small swath is all Pgn based on the amount of float.
LP00124	242,321.78	3,782,046.62		Outcrop	Pgn	Granodiorite gneiss	More Pgn. Small, rubbly outcrop intermingled with volcanic float, but comprises rock type underneath alluvial veneer.
LP00125	242,307.21	3,781,919.35		Outcrop	Pgn	Granodiorite gneiss	More Pgn in outcrop, underneath a veneer of alluvial wash.
LP00126	242,212.78	3,781,875.31		Outcrop	Pgn	Granodiorite gneiss	Rubbly Pgn outcrop.
LP00127	242,174.91	3,781,874.13		Outcrop	Trb	Tertiary Red Beds	Red bed. Muddy, fine to medium-grained, well sorted, mostly massive. Arkosic sandstone.
LP00128	243,602.77	3,782,709.87		Float	Trb	Tertiary Red Beds	On the edge of an alluvial wash, so will collect a float sample. Predominantly brown-red red-bed + volcanic conglomerate? Float sample will be of red-bed material.
LP00129	243,695.77	3,782,671.58		Outcrop	Unknow	Unknown	On a blip that is predominantly white Pgn float, no outcrop. However, found an outcrop of some off rock: very fine-grained, greenish hue, appears almost microcrystlaline, and is massive.
LP00130	243,777.39	3,782,683.01		Float	Pgn	Granodiorite gneiss	Outcrop (?) of augen granodiorite gneiss under alluvial cover. Call float just to be safe. Probably map this is as alluvium if scale allows for it.
LP00131	243,911.64	3,782,709.00		Float	Pgn	Granodiorite gneiss	The majority of float is augen granodiorite gneiss, but outcrop is absent. So, will sample represenative float piece and most likely map as alluvium.
LP00132	243,997.91	3,782,694.77		Float	Pgn	Granodiorite gneiss	No outcrop, so will collect float sample of of Pgn due to dominance in alluvial cover. Possible slicks on surfaces of float pieces.
LP00133	244,007.22	3,782,616.36		Float	Pgn	Granodiorite gneiss	Same as LP00132 - no outcrop but majority Pgn float, so sampling that.
LP00134	243,918.55	3,782,610.23		Outcrop	Pgn	Granodiorite gneiss	Mostly Pgn float, so sampling a piece as also done at LP00132 & LP00133.
LP00135	243,815.67	3,782,597.60		Float	Pgn	Granodiorite gneiss	Dominant Pgn float - representative sample.

Surface Sample Summary

Drill Hole	Easting	Northing	Elevation	Type		Rock Unit	Notes
LP00136	243,717.81	3,782,593.16		Float	Pgn	Granodiorite gneiss	Dominant Pgn float, surrounded by volcanics - representative float sample.
LP00137	243,697.29	3,782,521.01		Float	Pgn	Granodiorite gneiss	Dominant Pgn float - representative sample.
LP00138	243,787.35	3,782,500.13		Float	Pgn	Granodiorite gneiss	Collecting representative Pgn float. Majority of what we've seen and collected today has been from alluvial cover, though.
LP00139	243,881.77	3,782,496.67		Outcrop	Pgn	Granodiorite gneiss	80% chance this is in place, but Pgn regardless. Surrounding alluvium is also dominantly Pgn.
LP00140	243,986.99	3,782,513.90		Float	Pgn	Granodiorite gneiss	Dominant Pgn float - representative sample.
LP00141	244,014.85	3,782,418.78		Outcrop	Pagn	altered Granodiorite gneiss	Possible outcrop of Pagn; if not exactly in place, at least most likely locally sourced. Dominant Pagn float as well. One of the more altered pieces we've seen so far. Still Pgn but epidotized throughout with surfaces of what looks to be ilmenite.
LP00142	243,938.17	3,782,395.67		Outcrop	Pgn	Granodiorite gneiss	Very rubbly outcrop of Pgn - highly fractured.
LP00143	243,801.52	3,782,386.73		Outcrop	Pgn	Granodiorite gneiss	Pgn - poissbly rubbly outcrop, but probably float so map as alluvium. No overly obvious alteration.
LP00144	243,719.73	3,782,409.50		Float	Pgn	Granodiorite gneiss	Float sample of Pgn from alluvium. Traces of epidote, but not overly altered.
LP00145	242,602.03	3,782,395.40		Outcrop	Pagn	altered Granodiorite gneiss	On surface, appears to be a dark banded gneiss, different from what we've observed thus far. Exhibits strong Fe staining. Dark color goes through to fresh surfaces. Next to a large quartz vein. Probably still part of the altered Pagn, though.
LP00146	242,507.89	3,782,317.72		Outcrop	Pgn	Granodiorite gneiss	Same dark gneiss as seen at LP00145, more strongly epidotized at this locality, though. Outcrop is recessive and rubbly. Pagn.
LP00147	242,593.43	3,782,296.84		Outcrop	Pagn	altered Granodiorite gneiss	This rock appears slightly different? Really, really dark and mafic heavy, but still has minor evidence of plagioclase and quartz bands/stringers. Perhaps just a more altered area of the Pagn.
LP00148	242,676.66	3,782,292.89		Outcrop	Pagn	altered Granodiorite gneiss	Back to the more traditional dark, mylonitized augen granodiorite gneiss. Moderate epidote alteration.
LP00149	242,784.37	3,782,292.94		Outcrop	Pagn	altered Granodiorite gneiss	More black, mylonitic augen granodiorite gneiss. At the contact of the volcanics. Highly fractured and rubbly outcrop. Minor epidote alteration.
LP00150	242,893.75	3,782,303.38		Outcrop	Pgn	Granodiorite gneiss	Back to what I think is the mylonitized augen granodiorite gneiss from this morning. Light grey, ell foliated gneiss. Rubbly outcrop, weak Fe staining, lack of extensive epidote alteration.
LP00151	242,808.01	3,782,232.57		Outcrop	Pgn	Granodiorite gneiss	More of the same gneiss from LP00150, with slightly more extensive Fe staining.

Surface Sample Summary

Drill Hole	Easting	Northing	Elevation	Type		Rock Unit	Notes
LP00152	242,801.47	3,782,121.74		Float	Pgn	Granodiorite gneiss	Grey, mylonitized augen granodiorite gneiss with heavy desert varnish and Fe staining. Little epidote alteration. Float sample.
LP00153	242,885.88	3,782,106.55		Outcrop	Pagn	altered Granodiorite gneiss	Back to the darker grey, black-ish banded unit. Fe staining on fracture surfaces and possible epidote alteration, but darker green rock overall. Very rubbly and weathered outcrop.
LP00154	242,997.87	3,782,107.82		Outcrop	Pagn	altered Granodiorite gneiss	Dark gray/black banded gneiss with heavy Fe staining. Very rubbly and fractured.
LP00155	243,073.03	3,782,095.44		Outcrop	Pgn	Granodiorite gneiss	Light grey, weakly banded gneiss next to contact with volcanics and small quartz vein. Epidotized fracture surfaces. Rubbly exposure.
LP00156	243,188.71	3,782,113.60		Float	Trb	Tertiary Red Beds	It appears that all of this is red beds, not volcanic. All of these rocks up here are sedimentary from fine to medium grained conglomerates to fine-grained qtz arenites; all red-brown in color. Technically float pieces, but this whole area is redbeds.
LP00157	243,302.73	3,782,101.38		Float	Trb	Tertiary Red Beds	Continuation of red beds seen at LP00156. Float sample, but confident it is locally sourced.
LP00158	243,307.18	3,782,014.23		Float	Pgn	Granodiorite gneiss	On the contact of the red beds and augen granodiorite gneiss. However, no outcrop around here, so sampling representative Pgn float.
LP00159	243,199.83	3,781,997.06		Outcrop	Pgn	Granodiorite gneiss	Alluvium dominated by grey augen granodiorite gneiss. Will be a representative float sample.
LP00160	243,106.42	3,781,996.73		Float	Pagn	altered Granodiorite gneiss	Rubbly augen granodiorite gneiss that could possibly be from outcrop, but most likely locally sourced float. Strongly epidotized.
LP00161	243,008.43	3,782,011.28		Outcrop	Pagn	altered Granodiorite gneiss	Rubbly, dark black/green-ish with moderate Fe staining & moderate epidote alteration.
LP00162	242,824.12	3,782,021.76		Outcrop	Pgn	Granodiorite gneiss	Grey augen granodiorite gneiss; outcrop sample. Minor epidote alteration. Surrounded by the darker banded gneiss. Does the change in coloration show the extent of alteration? But then why is it so variable and localized?
LP00163	242,705.07	3,782,190.98		Outcrop	Pagn	altered Granodiorite gneiss	Dark grey-green banded gneiss, moderate Fe staining. Highly fractured and rubbly outcrop.
LP00164	242,488.44	3,781,098.33		Outcrop	Unknow	Unknown	Fine-grained, equigranular, dark grey to black in color, seems like an igneous intrusion of some sort? But it is really altered, so not sure.
LP00165	242,587.44	3,781,201.30		Outcrop	Pgn	Granodiorite gneiss	Grey, porphyritic, fine to medium grained augen gneiss. Epidotizsed, Fe staining on fracture surfaces. Dominantly plag and quartz with minor mafics. Mylonitic. Epidotized slicks on fracture surfaces.
LP00166	242,685.62	3,781,200.06		Outcrop	Pagn	altered Granodiorite gneiss	Dark grey, mylonitic augen granodiorite gneiss. This outcrop has the most well defined quartz augen that we've seen so far; strongly porphyritic. Epidote alteration on fracture surfaces.

Surface Sample Summary

Drill Hole	Easting	Northing	Elevation	Type		Rock Unit	Notes
LP00167	242,705.44	3,781,107.93		Float	Pagn	altered Granodiorite gneiss	Alluvial cover, but dominated by Pagn; float sample of such.
LP00168	242,795.78	3,781,100.13		Float	Pgn	Granodiorite gneiss	Alluvium dominated by grey, fine-grained Pgn. Float sample of representative piece.
LP00169	242,886.45	3,781,090.88		Float	Pgn	Granodiorite gneiss	In the alluvial wash, so this really could have come from anywhere. But, will collect Pgn float piece.
LP00170	242,987.96	3,781,211.67		Float	Pgn	Granodiorite gneiss	Still in the alluvial wash. Representative Pgn float sample.
LP00171	243,004.31	3,781,100.54		Float	Pgn	Granodiorite gneiss	Same as LP00170 - in the alluvium, representative Pgn float sample.
LP00172	242,982.41	3,781,015.33		Float	Pgn	Granodiorite gneiss	Alluvium - representative Pgn float sample.
LP00173	242,991.16	3,780,899.75		Float	Pgn	Granodiorite gneiss	Domninantly alluvial cover, but found Pgn possibly in place? But not overly confident. Epidote on fracture surfaces.
LP00174	242,896.53	3,780,889.12		Float	Pgn	Granodiorite gneiss	Dominantly Pgn, but unfortunately covered by veneer of Alluvium. So, float sample, but probably locally sourced.
LP00175	242,887.50	3,780,990.83		Outcrop	Pgn	Granodiorite gneiss	Mostly alluvium, but appears to be actually Pgn outcrop, so will collect that. Very rubbly.
LP00176	242,799.92	3,781,004.99		Float	Pgn	Granodiorite gneiss	Alluvial cover, but most likely thin. More extensive desert varnish in this region, but still Pgn. Float sample.
LP00177	242,793.80	3,780,892.71		Float	Pgn	Granodiorite gneiss	Float sample of Pgn from alluvium - pretty extensive desert varnish.
LP00178	242,698.02	3,780,890.55		Float	Pgn	Granodiorite gneiss	Float sample of Pgn from alluvium - pretty extensive desert varnish.
LP00179	242,698.55	3,781,001.11		Float	Pgn	Granodiorite gneiss	Float sample of Pgn from alluvium - pretty extensive desert varnish.
LP00180	242,625.48	3,781,029.41		Outcrop	Pagn	altered Granodiorite gneiss	Really extensive outcrop. This is almost identical to what we saw at LP00141. The base rock is still the augen granodiorite gneiss, but extensively epidotized and Fe stained. Some slicks evident. Ilmenite covers fracture surfaces. Rock is incredibly hard.
LP00181	242,590.71	3,780,899.04		Float	Pgn	Granodiorite gneiss	Float sample of Pgn from alluvium. Well developed desert varnish.
LP00182	242,508.60	3,780,904.17		Float	Unknow	Unknown	Collecting float sample of Pgn from alluvial wash.
LP00183	242,501.81	3,781,003.49		Float	Pgn	Granodiorite gneiss	Collecting float sample of Pgn from alluvial wash.
LP00184	242,201.56	3,781,102.08		Float	Pgn	Granodiorite gneiss	Collecting float sample of Pgn from alluvial cover.
LP00185	242,098.44	3,781,105.02		Outcrop	Pagd	Swansea altered Granodiorite	Really altered granodiorite with strong epidote and Fe alteration, similar to LP00180.
LP00186	242,008.54	3,781,108.48		Outcrop	Pagd	Swansea altered Granodiorite	Granodiorite but completely epidotized through and throughy, very green in outcrop. Highly weathered and chewed up. Rubbly exposure.

Surface Sample Summary

Drill Hole	Easting	Northing	Elevation	Type		Rock Unit	Notes
LP00187	242,002.41	3,781,205.01		Float	Pgn	Granodiorite gneiss	Collecting float sample of Pagd from alluvial cover. The green, epidotized Pagd is common in the float around here.
LP00188	241,904.42	3,781,108.90		Outcrop	Pagd	Swansea altered Granodiorite	More of what we've been calling the green & red altered granodiorite. Because this stuff is so hard it makes up the most resistant outcrops in the area.
LP00189	241,806.92	3,781,104.69		Outcrop	Pagd	Swansea altered Granodiorite	More of the same from LP00188. Still rubbly and chewed up exposurew, but slightly more recessive.
LP00190	241,806.11	3,781,199.29		Float	Pgd	Swansea Granodiorite	Collecting float sample of unaltered granodiorite from alluvial cover.
LP00191	241,701.14	3,781,303.20		Float	Pgn	Granodiorite gneiss	Collecting float sample of unaltered granodiorite from alluvial cover.
LP00192	241,603.52	3,781,301.11		Float	Pgn	Granodiorite gneiss	Collecting float sample of unaltered granodiorite from alluvial cover.
LP00193	241,600.64	3,781,209.71		Float	Pagd	Swansea altered Granodiorite	Collecting float sample of altered granodiorite from alluvial cover. Desert varnish.
LP00194	241,694.63	3,781,112.99		Outcrop	Pagd	Swansea altered Granodiorite	Outcrop of Fe stained granodiorite. Pretty altered and chewed up, but not as much epidote alteration as we've been seeing today.
LP00195	241,600.41	3,781,107.14		Outcrop	Pagd	Swansea altered Granodiorite	Outcrop of Fe stained granodiorite. Pretty altered and chewed up, but not as much epidote alteration as we've been seeing today.
LP00196	241,498.61	3,781,104.61		Outcrop	Pagd	Swansea altered Granodiorite	Outcrop of epidotized and Fe stained granodiorite.
LP00197	241,407.28	3,781,113.11		Outcrop	Pagd	Swansea altered Granodiorite	Outcrop of epidotized and Fe stained granodiorite.
LP00198	241,309.54	3,781,029.65		Outcrop	Pagd	Swansea altered Granodiorite	Outcrop of epidotized and Fe stained granodiorite.
LP00199	241,389.49	3,781,010.14		Outcrop	Pagd	Swansea altered Granodiorite	Outcrop of epidotized and Fe stained granodiorite. Highly fractured and chewed up.
LP00200	241,488.25	3,781,002.98		Outcrop	Pagd	Swansea altered Granodiorite	This stuff exhibits the same Fe staining and epidote alteration as seen at previous stops, but this is the darker granodiorite.
LP00201	241,587.02	3,781,006.15		Outcrop	Pagd	Swansea altered Granodiorite	Same as LP00200.
LP00202	241,693.98	3,781,022.20		Outcrop	Pgd	Swansea Granodiorite	Back in the lighter grey granodiorite. Weakly Fe stained and epidotized; more recessive outcrop.
LP00203	241,787.11	3,781,014.98		Outcrop	Pgd	Swansea Granodiorite	Same as LP00202.
LP00204	241,888.50	3,781,006.20		Outcrop	Pgd	Swansea Granodiorite	Same as LP00202 & LP00203, but this is a really excellent outcrop.
LP00205	241,816.75	3,780,907.70		Outcrop	Pgd	Swansea Granodiorite	Relatively unaltered gray granodiorite. Rubbly exposure and highly fractured.
LP00206	241,699.55	3,780,905.48		Outcrop	Pgd	Swansea Granodiorite	Same as LP00205.

Surface Sample Summary

Drill Hole	Easting	Northing	Elevation	Type		Rock Unit	Notes
LP00207	241,608.37	3,780,909.65		Outcrop	Pagd	Swansea altered Granodiorite	Same as last two stops, but with slightly more extensive desert varnish. Still altered.
LP00208	241,506.48	3,780,907.01		Outcrop	Pagd	Swansea altered Granodiorite	Back in the epidotized and Fe stained granodiorite.
LP00209	241,406.67	3,780,899.43		Outcrop	Pagd	Swansea altered Granodiorite	Same as LP00208, but has more significant Fe staining and desert varnish. Next to light colored vein of some sort - I think this is an aplite dike.
LP00210	241,301.48	3,780,911.09		Outcrop	Pagd	Swansea altered Granodiorite	Epidotized and Fe stained grey granodiorite.
LP00211	241,304.57	3,780,808.76		Float	Pgd	Swansea Granodiorite	Collecting representative grey granodiorite from alluvial cover.
LP00212	241,292.68	3,780,708.62		Float	Pgd	Swansea Granodiorite	Collecting representative grey granodiorite from alluvial cover.
LP00213	241,389.77	3,780,704.51		Outcrop	Pagd	Swansea altered Granodiorite	Extensive desert varnish. Highly altered green and red granodiorite.
LP00214	241,493.53	3,780,694.55		Outcrop	Pagd	Swansea altered Granodiorite	Same as LP00213.
LP00215	241,594.63	3,780,708.54		Float	Pgn	Granodiorite gneiss	Collecting float sample from alluvial cover. Grey granodiorite with exstensive desert varnish.
LP00216	241,602.27	3,780,802.02		Outcrop	Pgd	Swansea Granodiorite	Slightly less altered and varnished grey granodiorite.
LP00217	241,695.73	3,780,716.09		Outcrop	Pgd	Swansea Granodiorite	Same as LP00216.
LP00218	241,696.23	3,780,794.78		Outcrop	Pgd	Swansea Granodiorite	Slightly altered and varnished outcrop of grey granodiorite.
LP00219	241,804.10	3,780,604.76		Outcrop	Pagd	Swansea altered Granodiorite	Starting out in the Pgd. More of the epidotized and Fe stained granodiorite from yesterday.
LP00220	241,705.66	3,780,597.03		Outcrop	Pagd	Swansea altered Granodiorite	More of the Pagd from LP00219. Might be outcrop, but possibly float. Regardless, composes most of the alluvium here. Moderate desert varnish.
LP00221	241,491.99	3,780,598.12		Outcrop	Pagd	Swansea altered Granodiorite	Same as LP00220, but actual defined outcrop.
LP00222	241,293.24	3,780,594.93		Outcrop	Pagd	Swansea altered Granodiorite	Continued altered, red and green Pagd. Very rubbly outcrop, mostly covered by thin veneer of alluvium.
LP00223	241,200.29	3,780,588.49		Outcrop	Pagd	Swansea altered Granodiorite	Continued rubbly, altered, red & green Pagd. Covered by thin veneer of alluvium.
LP00224	241,087.69	3,780,595.81		Outcrop	Pagd	Swansea altered Granodiorite	Continued, rubbly and altered red & green Pagd. More strongly desert varnished here, but fresh surface reveals the same rock.
LP00225	241,000.25	3,780,504.85		Outcrop	Pgd	Swansea Granodiorite	Mostly float in alluvial cover, but some possible recessive outcrop throughout. Sample of only moderately altered Pgd.
LP00226	241,093.49	3,780,498.18		Float	Pgd	Swansea Granodiorite	Float sample of Pgd from alluvial cover.

Surface Sample Summary

Drill Hole	Easting	Northing	Elevation	Type		Rock Unit	Notes
LP00227	241,186.47	3,780,505.50		Float	Pgd	Swansea Granodiorite	Float sample of Pgd from alluvial cover.
LP00228	241,292.65	3,780,499.36		Float	Pgd	Swansea Granodiorite	Float sample of Pgd from alluvial cover.
LP00229	241,385.12	3,780,501.81		Outcrop	Pgd	Swansea Granodiorite	Outcrop of only moderately altered Pgd. Rubbly outcrop.
LP00230	241,477.45	3,780,502.50		Outcrop	Pagd	Swansea altered Granodiorite	Outcrop of red & green altered, dark gray augen gneiss.
LP00231	241,584.61	3,780,498.55		Float	Pagn	altered Granodiorite gneiss	Float sample of Pagn from alluvial cover.
LP00232	241,682.76	3,780,499.19		Outcrop	Pagd	Swansea altered Granodiorite	Outcrop sample of red and green altered Pagd from relatively resistant locality in wash bed.
LP00233	241,793.94	3,780,500.36		Float	Pgd	Swansea Granodiorite	Float sample of altered and varnished Pgd from alluvial cover.
LP00234	241,697.80	3,780,411.52		Float	Pgd	Swansea Granodiorite	Float sample of Pgd from alluvial cover.
LP00235	241,597.87	3,780,403.27		Float	Pagd	Swansea altered Granodiorite	Appears to be really altered Pagd. Slightly darker on weathered surfaces but still the same stuff as we've been seeing earlier.
LP00236	241,299.24	3,780,406.70		Outcrop	Pgd	Swansea Granodiorite	Very weakly altered red and green Pgd. Collected from rubbly/recessive outcrop.
LP00237	241,202.82	3,780,412.13		Outcrop	Pagd	Swansea altered Granodiorite	Altered red and green outcrop of Pagd. Really great exposure at the edge of a wash.
LP00238	241,100.06	3,780,408.08		Outcrop	Pagd	Swansea altered Granodiorite	Outcrop of weakly altered Pgd. Rubbly exposure.
LP00239	240,998.92	3,780,406.31		Float	Pagd	Swansea altered Granodiorite	Float piece of Pagd collected from alluvial cover.
LP00240	240,896.43	3,780,408.69		Float	Pgd	Swansea Granodiorite	Float piece of Pgd collected from alluvial cover.
LP00241	240,999.74	3,780,321.91		Float	Pgd	Swansea Granodiorite	Float piece of Pgd collected from alluvial cover.
LP00242	240,904.13	3,780,212.31		Float	Pgd	Swansea Granodiorite	Float piece of PGd collected from the edge of a large wash.
LP00243	240,902.80	3,780,130.53		Outcrop	Pagd	Swansea altered Granodiorite	Altered Pgd from really nice outcrop.
LP00244	240,985.36	3,780,111.38		Float	Pgd	Swansea Granodiorite	Float sample of Pgd from alluvial cover.
LP00245	241,078.06	3,780,111.83		Outcrop	Pagd	Swansea altered Granodiorite	Outcrop of weakly altered Pgd with extensive desert varnish in places.
LP00246	241,105.68	3,780,192.89		Outcrop	Pagd	Swansea altered Granodiorite	Outcrop sample of altered red and green Pgd. Rubbly and chewed up.
LP00247	241,096.92	3,780,307.25		Outcrop	Pagd	Swansea altered Granodiorite	Contact between different levels of alteration in the granodiorite. Will collect from more altered Pagd.
LP00248	241,195.60	3,780,196.41		Outcrop	Pagd	Swansea altered Granodiorite	Outcrop sample of altered red and green Pgd.

Surface Sample Summary

Drill Hole	Easting	Northing	Elevation	Type		Rock Unit	Notes
LP00249	241,193.25	3,780,110.88		Float	Pagd	Swansea altered Granodiorite	Small blip of altered granodiorite.
LP00250	241,292.40	3,780,104.27		Float	Pgd	Swansea Granodiorite	Float sample of Pgd from alluvial cover.
LP00251	241,292.13	3,780,191.76		Outcrop	Pagd	Swansea altered Granodiorite	Outcrop sample of altered red and green Pgd. Highly fractured.
LP00252	241,392.49	3,780,195.55		Float	Pgd	Swansea Granodiorite	Float sample of Pgd from allivual cover.
LP00253	241,394.09	3,780,109.36		Float	Pgd	Swansea Granodiorite	Float sample of Pgd from allivual cover.
LP00254	241,497.70	3,780,107.29		Float	Pgd	Swansea Granodiorite	Float sample of Pgd from allivual cover.
LP00255	241,497.29	3,780,189.67		Float	Pgd	Swansea Granodiorite	Float sample of Pgd from allivual cover.
LP00256	241,492.60	3,780,297.81		Float	Pgd	Swansea Granodiorite	Float sample of Pgd from allivual cover.
LP00257	241,592.71	3,780,299.39		Float	Pgd	Swansea Granodiorite	Float sample of Pgd from allivual cover.
LP00258	241,586.68	3,780,197.43		Float	Pgd	Swansea Granodiorite	Float sample of Pgd from allivual cover.
LP00259	241,691.51	3,780,105.18		Float	Pgn	Granodiorite gneiss	Float sample of Pgd from allivual cover.
LP00260	241,689.82	3,780,191.38		Float	Pgn	Granodiorite gneiss	Float sample of Pgd from allivual cover.
LP00261	241,715.98	3,780,300.12		Float	Pgd	Swansea Granodiorite	Float sample of Pgd from allivual cover.
LP00262	241,588.46	3,780,110.79		Float	Pgd	Swansea Granodiorite	Float sample of Pgd from allivual cover.
LP00264	241,798.91	3,781,606.25		Outcrop	Pagd	Swansea altered Granodiorite	Outcrop has extreme Fe staining and/or desert varnish. It looks like extremely altered/epidotized granodiorite, but I'm not sure. Fine-grained, semiequigranular.
LP00265	241,795.12	3,781,511.88		Outcrop	Pagd	Swansea altered Granodiorite	Same as LP00264. Much more altered - possible calcite filling along fracture planes?
LP00266	241,901.15	3,781,510.97		Float	Pgd	Swansea Granodiorite	Float sample of Pgd with deert varnish from alluvial cover.
LP00267	241,897.68	3,781,599.65		Float	Pgd	Swansea Granodiorite	Float sample of Pgd from alluvial cover.
LP00268	243,503.47	3,782,300.72		Float	Pagd	Swansea altered Granodiorite	On the very edge of what is mapped as volcanics based on prevalence in alluvium, but would map this as alluvium and will collect Pagd float.
LP00269	243,598.91	3,782,294.45		Float	Pagd	Swansea altered Granodiorite	Mix of volcanics and possible red beds in alluvium. Will collect float sample of Pagd.
LP00270	243,697.26	3,782,299.88		Float	Pgn	Granodiorite gneiss	Collecting sample of Pgn float from the edge of alluvial wash. Map all of this as Q.
LP00271	243,801.15	3,782,295.16		Float	Pgd	Swansea Granodiorite	Collecting sample of Pgn from alluvial cover. Map as Q.

Surface Sample Summary

Drill Hole	Easting	Northing	Elevation	Type		Rock Unit	Notes
LP00272	243,895.71	3,782,290.25		Float	Pgd	Swansea Granodiorite	Collecting sample of Pgn from alluvial cover. Map as Q.
LP00273	244,001.06	3,782,295.26		Float	Pgn	Granodiorite gneiss	Collecting sample of Pgn from alluvial cover. Map as Q.
LP00274	243,995.35	3,782,200.84		Float	Pgn	Granodiorite gneiss	Collecting sample of Pgn from alluvial cover. Map as Q.
LP00275	243,999.48	3,782,098.26		Float	Pgn	Granodiorite gneiss	Collecting sample of Pgn from alluvial cover. Map as Q.
LP00276	244,001.67	3,782,002.40		Float	Pgn	Granodiorite gneiss	Collecting sample of Pgn from alluvial cover. Map as Q.
LP00277	243,992.30	3,781,902.30		Float	Pgd	Swansea Granodiorite	Collecting sample of Pgn from alluvial cover, map as Q. Increased desert varnish on float pieces.
LP00278	243,996.97	3,781,806.15		Float	Pgn	Granodiorite gneiss	Collecting sample of Pgn from alluvial cover. Map as Q.
LP00279	243,998.34	3,781,696.99		Float	Pgn	Granodiorite gneiss	Collecting sample of Pgn from alluvial cover. Map as Q.
LP00280	243,996.80	3,781,603.22		Float	Pgd	Swansea Granodiorite	Collecting sample of Pgn from alluvial cover. Map as Q.
LP00281	243,993.77	3,781,508.72		Float	Pgd	Swansea Granodiorite	Collecting sample of Pgn from alluvial cover. Map as Q.
LP00282	243,799.78	3,781,601.15		Float	Pgd	Swansea Granodiorite	Collecting sample of Pgn from alluvial cover. Map as Q.
LP00283	243,803.10	3,781,699.19		Float	Pgd	Swansea Granodiorite	Collecting sample of Pgn from alluvial cover. Map as Q.
LP00284	243,603.99	3,781,603.82		Outcrop	Pagd	Swansea altered Granodiorite	Actual outcrop. This is the red green altered granodiorite. Comprises area on imagery with darker soil.
LP00285	243,500.60	3,781,613.63		Outcrop	Pagd	Swansea altered Granodiorite	Outcrop of red and green altered granodiorite. Really great exposure in stream cut.
LP00286	243,508.25	3,781,704.57		Outcrop	Pagd	Swansea altered Granodiorite	Outcrop of red and green Pagd. Extensive desert varnish.
LP00287	243,593.15	3,781,693.81		Outcrop	Pgn	Granodiorite gneiss	Outcrop of moderately altered augen gneiss.
LP00288	243,499.65	3,781,802.16		Float	Pgn	Granodiorite gneiss	Collecting sample of Pgn from alluvial cover, probably map as Q.
LP00289	243,605.28	3,781,796.61		Float	Pgn	Granodiorite gneiss	Collecting sample of Pgn from what appears to be really rubbly outcrop.
LP00290	243,786.06	3,781,805.79		Float	Pgn	Granodiorite gneiss	Collecting sample of Pgn from alluvial cover, probably map as Q.
LP00291	243,797.98	3,781,897.71		Float	Pgn	Granodiorite gneiss	Collecting sample of Pgn from alluvial cover, probably map as Q.
LP00292	243,601.20	3,781,901.08		Float	Pgn	Granodiorite gneiss	Collecting sample of Pgn from alluvial cover, probably map as Q.
LP00293	243,601.49	3,782,003.20		Float	Pgn	Granodiorite gneiss	Collecting sample of Pgn from alluvial cover, probably map as Q.
LP00294	243,796.54	3,782,000.55		Float	Pgn	Granodiorite gneiss	Collecting sample of Pgn from alluvial cover, probably map as Q.

Surface Sample Summary

Drill Hole	Easting	Northing	Elevation	Type		Rock Unit	Notes
LP00295	243,800.18	3,782,097.03		Float	Pgn	Granodiorite gneiss	Collecting sample of Pgn from alluvial cover, probably map as Q.
LP00296	243,796.42	3,782,189.38		Float	Pgn	Granodiorite gneiss	Collecting sample of Pgn from alluvial cover, map as Q. Next to wash.
LP00297	243,601.16	3,782,099.12		Float	Pgn	Granodiorite gneiss	Collecting sample of Pgn from alluvial cover, probably map as Q.
LP00298	243,603.98	3,782,202.84		Float	Pgn	Granodiorite gneiss	Collecting sample of Pgn from alluvial cover, probably map as Q.
LP00299	243,508.78	3,782,204.44		Float	Pgd	Swansea Granodiorite	Collecting sample of Pgn from alluvial cover, probably map as Q.
LP00300	239,268.66	3,779,160.98		Outcrop	Pgn	Granodiorite gneiss	Rubbly outcrop of red and green, moderately altered Pgn. First sample from SW project area.
LP00301	239,372.01	3,779,065.31		Float	Pgd	Swansea Granodiorite	Collecting sample of Pgn from alluvial cover, map as Q.
LP00302	239,359.36	3,778,861.73		Outcrop	Pgn	Granodiorite gneiss	Very rubbly outcrop of moderately altered Pgn. Collected from small drainage.
LP00303	239,276.01	3,778,766.01		Outcrop	Pagn	altered Granodiorite gneiss	Rubbly, only moderately altered augen gneiss.
LP00304	239,361.63	3,778,660.50		Outcrop	Pagn	altered Granodiorite gneiss	Rubbly, only moderately altered augen gneiss.
LP00305	239,265.00	3,778,551.94		Float	Pagn	altered Granodiorite gneiss	Really desert varnished red and green, moderately altered Pgn. Float sample.
LP00306	239,556.80	3,778,836.50		Outcrop	Pgd	Swansea Granodiorite	Moderately altered granodiorite, collected from rubbly outcrop. Small blip of it in this area.
LP00307	239,856.04	3,778,555.24		Outcrop	Pgn	Granodiorite gneiss	Rubbly outcrop of moderately altered red and greewn Pgn. Slightly darker on weathered surfaces at this locality.
LP00308	239,852.60	3,778,735.07		Outcrop	Pagn	altered Granodiorite gneiss	Very rubbly outcrop of fine-grained altered augen gneiss.
LP00309	240,059.43	3,778,741.90		Outcrop	Pagn	altered Granodiorite gneiss	Outcrop of altered augen gneiss in small drainage.
LP00310	239,965.59	3,778,837.64		Outcrop	Pgd	Swansea Granodiorite	Rubbly, moderately altered outcrop of augen gneiss.
LP00311	239,770.46	3,778,859.90		Outcrop	Pgd	Swansea Granodiorite	Rubbly outcrop of what seems to be more granodiorite.
LP00312	239,779.76	3,779,039.27		Outcrop	Pgn	Granodiorite gneiss	Rubbly outcrop of augen gneiss, moderately altered.
LP00313	238,776.07	3,779,040.53		Outcrop	Pagd	Swansea altered Granodiorite	Rubbly, recessive outcrop of what looks to be the granodiorite - lack of any obvious textures.
LP00314	238,863.26	3,779,148.35		Outcrop	Pagn	altered Granodiorite gneiss	Moderately Fe stained, dark-grey to black augen gneiss. Very rubbly exposure.
LP00315	238,773.15	3,779,248.21		Outcrop	Pgn	Granodiorite gneiss	More of the moderately altered, granodiorite gneiss. Walked over some augen gneiss from last stop to here, though. Contact in small drainage?

Surface Sample Summary

Drill Hole	Easting	Northing	Elevation	Type		Rock Unit	Notes
LP00316	238,572.76	3,779,253.56		Outcrop	Pgn	Granodiorite gneiss	Relatively unaltered, very rubbly and recessive outcrop of the gray variant of augen gneiss.
LP00317	238,571.33	3,779,441.32		Outcrop	Pgn	Granodiorite gneiss	Relatively unaltered outcrop of the gray augen gneiss.
LP00318	238,868.18	3,779,352.15		Outcrop	Pgn	Granodiorite gneiss	Relatively unaltered outcrop of gray augen gneiss. Rubbly oucrop in small wash.
LP00319	238,768.06	3,779,444.19		Outcrop	Pgn	Granodiorite gneiss	Looks like the unaltered/unstained gray-green granodiorite. Good outcrop exposure in the wash here.
LP00320	238,869.25	3,779,543.74		Outcrop	Pgn	Granodiorite gneiss	Mostly unaltered gray augen gneiss. Fe staining on fracture surfaces. Good outcro here.
LP00321	238,779.79	3,779,643.69		Outcrop	Pgn	Granodiorite gneiss	Outcrop of gray augen gneiss with localized, extensive desert varnish.
LP00322	238,870.01	3,779,744.21		Outcrop	Pgn	Granodiorite gneiss	More great outcrop of gray augen gneiss with strong desert varnish.
LP00323	238,774.77	3,779,845.33		Float	Pgn	Granodiorite gneiss	Float sample of gray augen gneiss, but I think the alluvial cover here is really thin so definitely locally sourced.
LP00324	238,876.97	3,779,948.51		Outcrop	Pgn	Granodiorite gneiss	Good oucrop of augen gneiss with extensive desert varnish. Exposure along ridge.
LP00325	238,780.94	3,780,041.10		Outcrop	Pgn	Granodiorite gneiss	Good exposure of gray augen gneiss with desert varnish.
LP00326	238,873.30	3,780,142.34		Outcrop	Pgn	Granodiorite gneiss	Really rubbly outcrop of gray augen gneiss.
LP00327	238,777.25	3,780,250.80		Outcrop	Pgn	Granodiorite gneiss	Rubbly outcrop of gray augen gneiss with desert varnish.
LP00328	238,681.02	3,780,349.28		Outcrop	Pagd	Swansea altered Granodiorite	Very rubbly outcrop of unfoliated granodiorite. Extensive desert varnish.
LP00329	238,879.90	3,780,350.31		Outcrop	Pagn	altered Granodiorite gneiss	Rubbly outcrop of the augen gneiss with extensive desert varnish.
LP00330	239,077.97	3,779,952.26		Float	Pgn	Granodiorite gneiss	Float sample of gray augen gneiss with desert varnish.
LP00331	239,066.56	3,779,740.65		Outcrop	Pgn	Granodiorite gneiss	Outcrop of gray augen gneiss with extensive desert varnish.
LP00332	239,075.58	3,779,566.44		Outcrop	Pagn	altered Granodiorite gneiss	Extensively desert varnished gray augen gneiss.
LP00333	239,276.18	3,779,552.44		Outcrop	Pgn	Granodiorite gneiss	Outcrop of gray augen gneiss with extensive desert varnish.
LP00334	239,092.41	3,779,364.36		Outcrop	Pgn	Granodiorite gneiss	Outcrop of gray augen gneiss.
LP00335	235,654.49	3,776,781.28		Float	Pgn	Granodiorite gneiss	In the middle of a large alluvial wash, sample will be float collection of Pgn. Definiely map as Q, though.
LP00336	235,747.17	3,776,878.38		Float	Pgd	Swansea Granodiorite	Float sample from alluvial wash - appears to be mostly granodiorite, so will collect that.

Surface Sample Summary

Drill Hole	Easting	Northing	Elevation	Type		Rock Unit	Notes
LP00337	235,849.32	3,776,974.21		Outcrop	Pagn	altered Granodiorite gneiss	Very rubbly and fractured outcrop of altered augen gneiss with extensive desert varnish.
LP00338	235,752.39	3,777,081.06		Float	Pagn	altered Granodiorite gneiss	Alluvial wash, will try to collect representative piece of Pgn float.
LP00339	235,649.50	3,776,985.14		Float	Pagn	altered Granodiorite gneiss	Float sample of alluvial cover of augen gneiss - dominates float in this region.
LP00340	235,558.43	3,776,892.78		Outcrop	Pagn	altered Granodiorite gneiss	Really rubbly outcrop of augen gneiss. Coveredby thin veneer of alluvium. Makes up float in this area.
LP00341	235,450.83	3,776,978.07		Outcrop	Pagn	altered Granodiorite gneiss	Same as LP00340 with thin alluvial cover over really, really rubbly outcrop. Desert varnished augen gneiss.
LP00342	235,551.93	3,777,075.81		Outcrop	Pagn	altered Granodiorite gneiss	Rubbly outcrop of augen gneiss. Moderate epidote alteration.
LP00343	235,542.60	3,777,266.69		Outcrop	Pagn	altered Granodiorite gneiss	Rubly outcrop of augen gneiss with extensive desert varnish.
LP00344	235,353.66	3,777,283.54		Outcrop	Pagn	altered Granodiorite gneiss	This is either an aplitic dike or really, really altered and bleached augen gneiss. Almost stark white, leaning towards aplitic dike.
LP00345	235,153.50	3,777,288.84		Outcrop	Pagn	altered Granodiorite gneiss	Sam as LP00344. Next to incredibly altered augen gneiss.
LP00346	235,051.28	3,777,381.42		Outcrop	Pagn	altered Granodiorite gneiss	Incredibly bleached augen gneiss? With extensive desert varnish. Really rubbly outcrop.
LP00347	235,253.68	3,777,386.49		Float	Pagn	altered Granodiorite gneiss	Collecting float sample of gray augen gneiss from alluvial cover.
LP00348	235,439.81	3,777,368.39		Outcrop	Pagn	altered Granodiorite gneiss	Rubbly outcrop of gray augen gneiss; minimal alteration.
LP00349	235,352.96	3,777,478.74		Float	Pagn	altered Granodiorite gneiss	Alluvial cover - collecting sample of augen gneiss float.
LP00350	235,153.25	3,777,487.01		Outcrop	Pagn	altered Granodiorite gneiss	Rubbly outcrop of augen gneiss with extensive desert varnish.
LP00351	235,054.84	3,777,573.49		Outcrop	Pgn	Granodiorite gneiss	Moderately bleached and weakly altered outcrop of augen gneiss.
LP00352	235,251.35	3,777,579.84		Float	Pgn	Granodiorite gneiss	Same as LP00352, but technically float - realy rubbly outcrop slightly uphill of this locality.
LP00353	235,156.10	3,777,686.77		Outcrop	Pagn	altered Granodiorite gneiss	Rubbly outcrop of moderately altered augen gneiss.
LP00354	235,065.31	3,777,784.80		Outcrop	Pagn	altered Granodiorite gneiss	Bleached and moderately altered rubbly outcrop of the augen gneiss.
LP00355	235,162.44	3,777,885.76		Outcrop	Pagn	altered Granodiorite gneiss	Same as LP00364.
LP00356	235,255.44	3,777,794.11		Outcrop	Pagn	altered Granodiorite gneiss	Same as LP00354 & LP00355.
LP00357	235,353.22	3,777,695.11		Outcrop	Pagn	altered Granodiorite gneiss	Rubbly outcrop of moderately altered augen gneiss with extensive desert varnish.
LP00358	235,545.85	3,777,497.52		Outcrop	Pagn	altered Granodiorite gneiss	Very rubbly, moderately altered outcrop of the augen gneiss.

Surface Sample Summary

Drill Hole	Easting	Northing	Elevation	Type		Rock Unit	Notes
LP00359	235,648.13	3,777,383.85		Outcrop	Pagn	altered Granodiorite gneiss	Same as LP00358, but more extensive desert varnish.
LP00360	235,743.23	3,777,287.71		Float	Pagn	altered Granodiorite gneiss	Straight alluvium dominated by Pgn.
LP00361	235,844.28	3,777,196.06		Float	Pgn	Granodiorite gneiss	Alluvial cover, float sample of Pgn.
LP00362	236,054.50	3,776,976.23		Float	Pagn	altered Granodiorite gneiss	Starting off with a float sample from alluvial wash, will try to grab augen gneiss but may not be great.
LP00363	236,148.22	3,777,071.19		Float	Pagn	altered Granodiorite gneiss	Collecting float sample of augen gneiss from alluvial cover.
LP00364	236,060.41	3,777,174.12		Outcrop	Pagn	altered Granodiorite gneiss	Rubbly outcrop of augen gneiss. Moderately epidotized and Fe-stained.
LP00365	235,860.54	3,777,374.12		Float	Pgn	Granodiorite gneiss	Float sample of augen gneiss from alluvial cover. Dominates alluvium in this area.
LP00366	235,751.10	3,777,476.22		Outcrop	Pagn	altered Granodiorite gneiss	Rubbly outcrop of augen gneiss.
LP00367	235,561.19	3,777,672.17		Float	Pgn	Granodiorite gneiss	Sample of float from alluvial cover - augen gneiss. Dominates surrounding alluvium.
LP00368	235,463.36	3,777,779.38		Float	Pgn	Granodiorite gneiss	Collecting sample of granitic gneiss from alluvial cover. Extensive desert varnish.
LP00369	235,657.69	3,777,977.76		Outcrop	Pgn	Granodiorite gneiss	Collecting sample from rubbly outcrop of granitic gneiss with extensive desert varnish.
LP00370	235,564.10	3,778,078.42		Outcrop	Pagn	altered Granodiorite gneiss	Sample of augen gneiss from rubbly outcrop with extensive desert varnish.
LP00371	235,661.01	3,778,178.50		Float	Pagn	altered Granodiorite gneiss	Collecting sample of alluvial cover; taking augen gneiss w/ desert varnish.
LP00372	235,755.04	3,778,087.05		Outcrop	Pgn	Granodiorite gneiss	Sample from rubbly outcrop of augen gneiss. Extensive desert varnish, but relatively unaltered.
LP00373	235,666.79	3,777,782.33		Outcrop	Pgn	Granodiorite gneiss	Moderately altered, rubbly outcrop of augen gneiss. Moderate desert varnish. In small drainage.
LP00374	235,855.15	3,777,784.60		Float	Pgn	Granodiorite gneiss	Collecting sample from alluvial cover; augen gneiss. Extensive desert varnish on most float pieces.
LP00375	235,755.69	3,777,682.36		Outcrop	Pagn	altered Granodiorite gneiss	Rubbly outcrop of granitic gneiss with desert varnish.
LP00376	235,957.65	3,777,659.27		Outcrop	Pgn	Granodiorite gneiss	Rubbly outcrop of augen gneiss with moderate to extensive desert varnish.
LP00377	235,855.68	3,777,582.86		Float	Pagn	altered Granodiorite gneiss	Really cruddy alluvial cover - will try to collect good piece of augen gneiss.

Surface Sample Summary

Drill Hole	Easting	Northing	Elevation	Type		Rock Unit	Notes
LP00378	236,063.78	3,777,594.12		Outcrop	Pgn	Granodiorite gneiss	Very rubbly outcrop of augen gneiss. Really variable degrees of desert varnish.
LP00379	235,956.16	3,777,480.79		Float	Pgn	Granodiorite gneiss	Collecting sample of augen gneiss from alluvial cover.
LP00380	236,051.11	3,777,389.09		Float	Pgn	Granodiorite gneiss	Sample of augen gneiss from alluvial cover.
LP00381	236,148.03	3,777,278.47		Float	Pgn	Granodiorite gneiss	Sample from alluvial cover, pretty cruddy but will collect augen gneiss.
LP00382	236,264.53	3,777,366.02		Outcrop	Pgn	Granodiorite gneiss	Very rubbly outcrop of augen gneiss. Covered by thin veneer of alluvium.
LP00383	236,347.60	3,777,285.20		Outcrop	Pgn	Granodiorite gneiss	Very rubbly exposure of augen gneiss. Not 100% sure it is outcrop but appears to be so.
LP00384	236,252.46	3,777,192.17		Outcrop	Pgn	Granodiorite gneiss	Rubbly exposure/outcrop of augen gneiss with extensive desert varnish.
LP00385	236,344.93	3,777,077.45		Float	Pgn	Granodiorite gneiss	Sample of augen gneiss float from alluvial wash.
LP00386	236,353.88	3,777,473.31		Float	Pgn	Granodiorite gneiss	Collecting sample of augen gneiss from alluvial cover.
LP00387	236,258.81	3,777,567.45		Outcrop	Pgn	Granodiorite gneiss	Outcrop sample of augen gneiss; relatively unaltered.
LP00388	236,356.39	3,777,678.40		Float	Pgn	Granodiorite gneiss	Sample of alluvial cover - augen gneiss.
LP00389	236,263.49	3,777,770.60		Float	Pgn	Granodiorite gneiss	Sample of augen gneiss from alluvial cover.
LP00390	236,164.08	3,777,683.57		Outcrop	Pgn	Granodiorite gneiss	Very rubbly outcrop of augen gneiss; minimal alteration. Entire plane at this locality covered by thin veneer of alluvium.
LP00391	236,059.85	3,777,776.75		Float	Pgn	Granodiorite gneiss	Sample of augen gneiss from alluvial cover.
LP00392	235,863.31	3,777,976.87		Float	Pgn	Granodiorite gneiss	Sample of augen gneiss from alluvial cover.
LP00393	235,872.57	3,778,171.79		Outcrop	Pgn	Granodiorite gneiss	Good outcrop of augen gneiss with extensive desert varnish.
LP00394	236,072.27	3,778,176.96		Outcrop	Pgn	Granodiorite gneiss	Really excellent oiutcrop of augen gneiss with extensive desert varnish.
LP00395	236,165.21	3,778,089.53		Outcrop	Pgn	Granodiorite gneiss	Good outcorp of augen gneiss with extensive desert varnish.
LP00396	236,065.28	3,777,980.54		Outcrop	Pgn	Granodiorite gneiss	Very recessive outcrop of the augen gneiss with extensive desert varnish.
LP00397	236,250.65	3,777,975.01		Outcrop	Pgn	Granodiorite gneiss	Good outcrop of augen gneiss with moderate desert varnish.
LP00398	236,360.80	3,778,069.95		Outcrop	Pgn	Granodiorite gneiss	Very rubbly/poor outcrop of augen gneiss within alluvial plane.

Surface Sample Summary

Drill Hole	Easting	Northing	Elevation	Type		Rock Unit	Notes
LP00399	236,550.43	3,777,705.50		Outcrop	Pagn	altered Granodiorite gneiss	Rubbly, crumbly outcrop of augen gneiss. Varying degrees of alteration and bleaching throughout the alluvial cover in this area. Aplitic dikes?
LP00400	236,651.49	3,777,577.78		Float	Pgn	Granodiorite gneiss	Sample of augen gneiss from alluvial cover/small wash.
LP00401	236,749.79	3,777,658.63		Outcrop	Pgn	Granodiorite gneiss	Rubbly outcrop of augen gneiss with extensive desert varnish.
LP00402	236,851.03	3,777,385.36		Float	Pgn	Granodiorite gneiss	Float sample of augen gneiss from small alluvial wash.
LP00403	236,756.55	3,777,282.76		Float	Pagn	altered Granodiorite gneiss	Possible outcrop, but most likely float samle of augen gneiss with both desert varnish + bleaching. Aplitic dike?
LP00404	236,934.73	3,777,274.00		Outcrop	Pgn	Granodiorite gneiss	Rubbly, crumbly outcrop of augen gneiss.
LP00405	237,047.45	3,777,331.92		Outcrop	Pgn	Granodiorite gneiss	Rubbly outcrop of augen gneiss next to alluvial wash. Moderate desert varnish.
LP00406	236,954.23	3,777,452.86		Float	Pgn	Granodiorite gneiss	Sample of augen gneiss from large alluvial wash.
LP00407	237,139.81	3,777,676.38		Float	Pagn	altered Granodiorite gneiss	Sample of augen gneiss float from next to the road.
LP00408	237,330.92	3,777,886.64		Outcrop	Pagn	altered Granodiorite gneiss	Very rubbly exposure on small road cut of augen gneiss.
LP00409	237,458.07	3,777,863.34		Outcrop	Pagn	altered Granodiorite gneiss	Rubbly, crumbly exposure of augen gneiss with moderate desert varnish.
LP00410	237,549.78	3,777,857.23		Outcrop	Pgn	Granodiorite gneiss	Same as LP00409.
LP00411	237,545.81	3,777,777.63		Outcrop	Pgn	Granodiorite gneiss	Same as LP00409 and LP00410. Really good exposure here.
LP00412	237,374.20	3,777,766.54		Outcrop	Pagn	altered Granodiorite gneiss	Good outcrop of augen gneiss with moderate desert varnish.
LP00413	237,845.07	3,778,147.97		Float	Pagn	altered Granodiorite gneiss	Sample of augen gneiss float from alluvial cover.
LP00414	238,047.59	3,778,158.65		Float	Pagn	altered Granodiorite gneiss	Float sample of augen gneiss from alluvial cover, but most likely locally sourced.
LP00415	236,860.38	3,777,772.77		Float	Pgn	Granodiorite gneiss	Collecting sample from alluvial cover nearly dominated by augen gneiss.
LP00418	236,859.66	3,778,156.92		Outcrop	Pgn	Granodiorite gneiss	Outcrop of gray augen gneiss in small drainage.
LP00419	236,953.31	3,778,067.93		Float	Pgn	Granodiorite gneiss	Collecting float sample of gray augen gneiss from alluvial cover. Dominates this area.
LP00420	237,053.22	3,778,163.94		Outcrop	Pgn	Granodiorite gneiss	Rubbly outcrop of augen gneiss with moderate desert varnish.
LP00421	236,961.14	3,778,262.55		Outcrop	Pgn	Granodiorite gneiss	Sample of augen gneiss from alluvial cover with extensive desert varnish.

Surface Sample Summary

Drill Hole	Easting	Northing	Elevation	Type	Rock Unit		Notes
LP00423	237,059.94	3,778,367.92		Outcrop	Pgn	Granodiorite gneiss	Really rubbly outcrop of gray augen gneiss with moderate desert varnish.
LP00424	236,970.13	3,778,670.29		Float	Pagn	altered Granodiorite gneiss	Float sample of augen gneiss from alluvial cover. Moderate desert varnish. Dominates alluvium in this area.
LP00425	236,765.90	3,778,667.56		Outcrop	Pagn	altered Granodiorite gneiss	Rubbly outcrop of gray augen gneiss with moderate desert varnish.
LP00426	236,668.72	3,778,768.41		Float	Pagn	altered Granodiorite gneiss	Sample of augen gneiss from alluvial cover. Dominates this area.
LP00427	236,774.32	3,778,869.71		Outcrop	Pgd	Swansea Granodiorite	Rubbly outcrop of moderately altered granodiorite with desert varnish.
LP00428	236,873.97	3,778,969.61		Outcrop	Pgn	Granodiorite gneiss	Rubbly outcrop of augen gneiss with weak desert varnish.
LP00429	236,678.36	3,778,961.21		Outcrop	Pagn	altered Granodiorite gneiss	Outcrop of altered augen gneiss with moderate desert varnish.
LP00430	236,861.84	3,779,153.35		Outcrop	Pagn	altered Granodiorite gneiss	Rubbly outcrop of augen gneiss. Altered w/ desert varnish.
LP00431	236,973.90	3,779,270.90		Outcrop	Pgd	Swansea Granodiorite	Rubbly outcrop of granodiorite - relatively unaltered. Slight increase of muscovite on weathered surfaces.
LP00432	237,069.91	3,779,362.92		Outcrop	Pagn	altered Granodiorite gneiss	Rubbly exposure of altered granodiorite gneiss with moderate desert varnish.
LP00433	236,973.73	3,779,661.35		Outcrop	Pagn	altered Granodiorite gneiss	Altered outcrop of augen gneiss with moderate desert varnish.
LP00434	236,782.91	3,779,665.36		Outcrop	Pagn	altered Granodiorite gneiss	Same as LP00433.
LP00435	236,674.84	3,779,772.85		Outcrop	Pagn	altered Granodiorite gneiss	Red & green altered augen gneiss. Moderately bleached appearance, lack of desert varnish. Pagn instead?
LP00436	236,870.22	3,779,766.72		Outcrop	Pagn	altered Granodiorite gneiss	Rubbly outcrop of altered augen gneiss with moderate desert varnish.
LP00437	236,772.13	3,779,884.25		Outcrop	Pagn	altered Granodiorite gneiss	Same as LP00436.
LP00438	236,859.19	3,779,963.31		Outcrop	Pagn	altered Granodiorite gneiss	Rubbly outcrop of altered augen gneiss with extensive desert varnish.
LP00439	236,696.22	3,779,975.97		Float	Pgn	Granodiorite gneiss	Sample of augen gneiss float from alluvial cover.
LP00440	236,783.57	3,780,062.12		Outcrop	Pgd	Swansea Granodiorite	Rubbly exposure of what looks to be the granodiorite. Not overly altered.
LP00441	236,860.63	3,780,153.55		Outcrop	Pgn	Granodiorite gneiss	Decent outcrop of granitic gneiss in drainage. Moderate alteration, little desert varnish.
LP00442	237,766.86	3,778,264.27		Float	Pgn	Granodiorite gneiss	Collecting float sample of augen gneiss from alluvial cover.

Surface Sample Summary

Drill Hole	Easting	Northing	Elevation	Type	Rock Unit		Notes
LP00443	237,771.28	3,778,452.88		Outcrop	Pagn	altered Granodiorite gneiss	Rubbly outcrop of altered augen gneiss with extensive desert varnish.
LP00444	237,857.11	3,778,560.40		Float	Pagn	altered Granodiorite gneiss	Collecting float sample of augen gneiss from alluvial cover.
LP00445	237,968.18	3,778,652.89		Outcrop	Pagn	altered Granodiorite gneiss	Rubbly exposure of augen gneiss with moderate desert varnish.
LP00446	238,057.89	3,778,568.57		Outcrop	Pagn	altered Granodiorite gneiss	Really rubbly and altered outcrop of the augen gneiss. Really intermingled with the normal augen gneiss here, though.
LP00447	237,971.83	3,778,468.83		Outcrop	Pagn	altered Granodiorite gneiss	Same as LP00446.
LP00448	237,860.21	3,778,356.71		Outcrop	Pagn	altered Granodiorite gneiss	Same as LP00446 and LP00447.
LP00449	3,778,751.12	238,288.08		Outcrop	Pagn	altered Granodiorite gneiss	Really rubbly outcrop of augen gneiss with moderate alteration.
LP00450	3,778,856.54	238,369.59		Outcrop	Pagn	altered Granodiorite gneiss	Same as LP00449.
LP00451	3,778,950.60	238,264.91		Outcrop	Pagn	altered Granodiorite gneiss	Same as LP00449 and LP00450.
LP00452	3,779,052.18	238,360.71		Outcrop	Pgd	Swansea Granodiorite	Continued rubbly outcrop in small drainage of moderately altered granodiorite.
LP00453	3,779,147.46	238,263.92		Outcrop	Pgd	Swansea Granodiorite	Same as LP00452; slightly better outcrop.
LP00454	3,779,243.99	238,365.49		Outcrop	Pgn	Granodiorite gneiss	Continued rubbly exposure of gray augen gneiss, relatively unaltered.
LP00455	3,779,347.82	238,272.91		Outcrop	Pgn	Granodiorite gneiss	Same as LP00454. Slight increase in desert varnish.
LP00456	3,779,461.66	238,366.74		Outcrop	Pgn	Granodiorite gneiss	Same as LP00455.
LP00457	3,779,553.92	238,266.73		Outcrop	Pgn	Granodiorite gneiss	Best oucrop we've seen all trip of the augen gneiss with minimal alteration and varnish.
LP00458	3,779,750.81	238,280.70		Outcrop	Pgn	Granodiorite gneiss	Desert varnished augen gneiss outcrop.
LP00459	3,779,947.86	238,284.98		Outcrop	Pgn	Granodiorite gneiss	On the apex of a small peak - excellent exposure/outcrop of augen gneiss.
LP00460	3,780,039.40	238,378.65		Outcrop	Pgn	Granodiorite gneiss	Good exposure/outcrop of augen gneiss with minimal alteration.
LP00461	3,780,159.85	238,278.96		Outcrop	Pagn	altered Granodiorite gneiss	Rubbly outcrop of the darker augen gneiss with extensive desert varnish.
LP00462	3,780,246.07	238,196.34		Outcrop	Pagn	altered Granodiorite gneiss	Same as LP00461. Next to a stark white, small intrusion of some sort (most likely aplitic dike).
LP00463	3,780,369.26	238,265.68		Outcrop	Pagn	altered Granodiorite gneiss	Extensively desert varnished, fine-grained augen gneiss.
LP00464	3,780,358.74	238,093.12		Outcrop	Pgn	Granodiorite gneiss	Outcrop of moderately altered augen gneiss.

Surface Sample Summary

Drill Hole	*Easting*	*Northing*	*Elevation*	*Type*	*Rock Unit*		*Notes*
LP00465	3,780,174.63	238,074.98		Outcrop	Pagn	altered Granodiorite gneiss	Rubbly outcrop of augen gneiss with extensive desert varnish.
LP00466	3,779,770.47	238,080.81		Float	Pgn	Granodiorite gneiss	Collecting float sample of augen gneiss from scree slope.
LP00467	3,779,578.70	238,086.46		Outcrop	Pagd	Swansea altered Granodiorite	Rubbly, crumbly outcrop of granodiorite. Appears extensively altered with desert varnish.
LP00468	3,779,374.04	238,072.55		Outcrop	Pagd	Swansea altered Granodiorite	Relatively unaltered outcrop of augen gneiss. Lacks desert varnish.
LP00469	3,779,170.74	238,065.41		Outcrop	Pagd	Swansea altered Granodiorite	Same as LP00468.
LP00470	3,778,979.59	238,064.71		Outcrop	Pagn	altered Granodiorite gneiss	Rubbly outcrop of dark, altered auygen gneiss with extensive desert varnish.

Appendix C – Summary of REE Sample Analyses

La Paz Surface Mapping and Geochemical Sampling
Rare Earth Elements
March 2022

SAMPLE	Ce	Dy	Er	Eu	Gd	Ho	La	Lu	Nd	Pr	Sm	Tb
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LP00119	119.5	5.51	3.22	1.37	6.02	1.13	55.8	0.44	42	11.9	7.41	0.94
LP00120	54.4	3.54	2.21	0.87	4.08	0.75	30.4	0.33	26	7.17	4.74	0.61
LP00121	53.6	2.14	1.31	0.81	2.64	0.44	25.7	0.24	22.4	6.06	3.63	0.4
LP00122	187	10	5.14	3.68	12.95	1.92	78.6	0.61	82.3	21.4	15.45	1.85
LP00123	120.5	5.9	3.51	1.09	6.06	1.15	58.1	0.54	44.4	13	7.55	0.98
LP00124	36.6	0.94	0.52	0.5	1.37	0.21	19.1	0.1	13.7	3.94	2.25	0.19
LP00125	58.3	1.76	1.12	0.83	1.97	0.36	31.3	0.18	20.3	6.19	3.36	0.3
LP00126	10.1	0.54	0.33	0.31	0.72	0.12	5.1	0.07	4.4	1.23	1	0.11
LP00127	56.4	3.84	2.18	0.93	4.21	0.79	28.3	0.32	25.2	6.87	5.14	0.67
LP00128	40.8	2.2	1.37	0.67	2.7	0.45	22.9	0.22	18.1	5.06	3.25	0.41
LP00129	38.5	3.1	1.81	0.71	3.27	0.62	19.1	0.27	18	4.71	3.49	0.52
LP00130	11.2	0.99	0.72	0.27	1	0.21	6.9	0.16	5.9	1.55	1.25	0.16
LP00131	24.3	1.38	0.96	0.49	1.59	0.33	12.2	0.18	10.3	2.81	2.13	0.23
LP00132	26.3	3.26	1.79	0.27	2.85	0.64	12.6	0.24	11.1	3.05	3.01	0.56
LP00133	16.3	2.72	1.93	0.44	2.05	0.61	8.1	0.38	8.1	2.01	2.01	0.4
LP00134	42.2	0.99	0.59	0.51	1.48	0.19	21.8	0.13	16.3	4.59	2.3	0.17
LP00135	9.4	0.76	0.57	0.24	0.84	0.15	4.9	0.12	4.5	1.18	0.94	0.12
LP00136	26.6	0.97	0.7	0.45	1.32	0.23	13.7	0.15	11.3	3.13	2.02	0.19
LP00137	44.8	1.47	1.12	0.74	1.91	0.33	22.7	0.21	18.2	5.02	2.99	0.25
LP00138	21.9	0.96	0.62	0.49	1.42	0.19	10.8	0.09	10.2	2.68	1.93	0.19
LP00139	35	1.32	0.84	0.41	1.58	0.29	17.6	0.15	11.8	3.54	2.07	0.24
LP00140	187	9.82	5.5	2.5	11.45	1.98	80	0.8	72	19.4	13	1.64
LP00141	147	8.31	4.05	2.57	10.45	1.58	62.2	0.5	68.1	17.55	12.8	1.55
LP00142	36.8	0.87	0.29	0.78	2.05	0.13	17.8	0.05	16.1	4.42	3.12	0.2
LP00143	27.3	1.25	0.85	0.54	1.48	0.27	13.2	0.17	12.1	3.24	2.22	0.21
LP00144	44.8	1.54	1.05	0.57	2.15	0.32	23.4	0.15	15.6	4.58	2.62	0.28
LP00145	168.5	10.5	5.7	2.98	12	1.99	70.5	0.69	69.2	17.9	13.25	1.76
LP00146	150	9.76	5.59	2.83	11.6	1.98	67.1	0.63	64.7	17.1	12.7	1.7
LP00147	19.5	3.22	1.87	1.37	3.75	0.66	8.5	0.21	13	2.67	3.26	0.58
LP00148	28.9	1.34	0.92	1.4	1.48	0.27	18.7	0.16	9.7	2.86	1.6	0.21
LP00149	155.5	11.2	6.36	2.99	12.9	2.27	65.2	0.71	70	17.6	13.9	1.95
LP00150	51.5	1.08	0.57	0.83	1.74	0.21	28.9	0.1	17.3	5.21	2.58	0.21
LP00151	47.8	1.08	0.65	0.69	1.72	0.23	26.9	0.1	16.1	4.75	2.33	0.23
LP00152	104	3.24	1.77	1.28	4	0.59	59.4	0.2	36	10.75	5.41	0.6
LP00153	186.5	11.5	6.57	3.11	13.45	2.28	78.9	0.86	75.8	19.6	14.3	2.02
LP00154	173.5	10.95	6.31	2.84	12.45	2.18	75	0.76	71.5	18.85	13.7	1.84

La Paz Surface Mapping and Geochemical Sampling
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SAMPLE	Ce	Dy	Er	Eu	Gd	Ho	La	Lu	Nd	Pr	Sm	Tb
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LP00155	61.7	1.99	1.1	0.99	2.49	0.38	34.3	0.15	21.7	6.38	3.45	0.36
LP00156	51.1	2.48	1.49	0.69	3.05	0.49	25	0.22	20.3	5.74	3.63	0.45
LP00157	124.5	6.91	3.8	2.08	8.56	1.37	47.4	0.48	46.4	12.05	9.4	1.2
LP00158	59.4	3.44	2.28	1.25	3.67	0.74	30.3	0.36	25.8	7.01	4.63	0.58
LP00159	35.5	1.32	0.83	0.68	1.91	0.25	17.8	0.13	15.8	4.15	2.74	0.25
LP00160	180.5	8.75	4.71	3.68	11.2	1.73	75.1	0.56	75.2	19.4	12.75	1.58
LP00161	172	11.1	6.21	3.28	12.6	2.15	73.7	0.77	74.4	18.75	13.8	1.82
LP00162	42.1	0.87	0.48	0.62	1.18	0.15	26.9	0.08	14.3	4.33	1.94	0.16
LP00163	185.5	11.8	6.37	3.05	13.4	2.27	79.5	0.77	76.9	19.75	13.95	2.03
LP00164	105.5	6.11	3.41	2.31	7.7	1.17	46.7	0.45	51.7	13.3	9.02	1.06
LP00165	188	10.8	5.72	2.64	13.1	2.18	72.8	0.66	81.4	20.7	15.15	1.95
LP00166	236	12.9	6.96	3.31	16.25	2.53	93.4	0.81	100	25.8	18.6	2.35
LP00167	51.3	1.33	0.86	0.8	1.86	0.29	29.6	0.15	18.7	5.35	2.7	0.26
LP00168	17.9	3.16	1.71	0.21	3.12	0.63	8.2	0.24	8.8	2.29	2.83	0.53
LP00169	25.7	1.23	0.74	0.54	1.6	0.25	12.4	0.14	11.5	3.1	2.13	0.21
LP00170	45.2	1.34	0.76	0.77	2.01	0.24	23	0.11	17.2	4.88	2.81	0.26
LP00171	38.3	1	0.55	0.74	1.88	0.17	18.7	0.08	17.1	4.49	3	0.2
LP00172	45.8	1.24	0.79	0.91	2.21	0.21	22.2	0.12	21.1	5.4	3.56	0.26
LP00173	45.1	1.7	1.09	0.87	2.34	0.37	21.8	0.22	20.4	5.41	3.8	0.34
LP00174	57.3	2.52	1.7	1.04	3.15	0.51	27.4	0.31	26	6.75	4.46	0.43
LP00175	27.2	1.77	1.13	0.52	2	0.35	12.8	0.16	11.7	3.2	2.15	0.27
LP00176	51.6	1.49	0.95	0.51	1.92	0.32	27.6	0.15	18.1	5.41	2.82	0.28
LP00177	30.4	1.43	0.95	0.52	1.94	0.32	15.7	0.14	13	3.45	2.36	0.29
LP00178	51.4	1.18	0.75	0.67	2.02	0.24	27.7	0.14	21.1	5.99	3.34	0.21
LP00179	32.6	1.25	0.8	0.59	2.09	0.27	16.9	0.14	15.2	3.99	3.12	0.26
LP00180	127	6.97	3.61	2.58	9.04	1.31	59.7	0.44	62.5	15.75	11.9	1.28
LP00181	42.1	1.26	0.7	0.8	2.1	0.23	21.2	0.12	20.7	5.34	3.7	0.24
LP00182	9.6	0.49	0.3	0.27	0.71	0.1	4.8	0.09	4.7	1.26	0.99	0.08
LP00183	84.5	3.17	2.22	0.54	3.09	0.69	49	0.35	23.4	7.95	3.88	0.49
LP00184	20.3	1.5	0.96	0.55	1.79	0.32	10.6	0.16	9.7	2.53	2.2	0.26
LP00185	80.6	5.8	3.69	1.61	6.04	1.22	38.4	0.54	37.5	10	7.68	0.93
LP00186	160.5	9.2	5.08	2.92	11.25	1.78	74.2	0.64	73	19.25	14.4	1.59
LP00187	17.4	1.2	0.7	0.32	1.2	0.24	9	0.11	7.8	2.12	1.56	0.21
LP00188	68	2.86	1.54	0.93	3.66	0.54	37.6	0.21	27.1	7.83	4.77	0.51
LP00189	186.5	8.6	4.71	2.67	11.85	1.72	80	0.56	80.6	21.3	14.8	1.56
LP00190	59.9	2.22	1.47	1.03	3.05	0.42	30.2	0.26	26.4	7.25	5.01	0.38

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SAMPLE	Ce	Dy	Er	Eu	Gd	Ho	La	Lu	Nd	Pr	Sm	Tb
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LP00191	18	0.57	0.23	0.38	1.1	0.09	9	0.05	8.4	2.2	1.96	0.12
LP00192	42.1	2.27	1.31	0.72	2.85	0.46	21.4	0.18	19.6	5.22	3.68	0.4
LP00193	113.5	5.58	2.7	1.67	7.57	1.06	58.3	0.29	51.5	13.6	9.73	1.04
LP00194	56.7	2.45	1.52	0.72	2.9	0.5	30.1	0.25	21.4	6.33	3.78	0.42
LP00195	87.3	4.76	2.76	1.21	5.44	0.95	41.1	0.48	38.9	10.55	7.31	0.78
LP00196	40.8	1.95	1.08	0.66	2.24	0.36	22.6	0.15	16	4.69	2.85	0.3
LP00197	60.5	3.12	1.92	0.84	3.6	0.64	32.1	0.27	24.3	6.99	4.58	0.52
LP00198	34	1.05	0.65	0.28	1.32	0.21	18.2	0.12	12.2	3.65	2.06	0.19
LP00199	56.8	1.96	1.14	0.74	2.48	0.4	31.3	0.17	21.4	6.3	3.48	0.36
LP00200	193.5	10.5	5.48	2.64	13.05	2.03	81.2	0.62	86.8	22.6	16.7	1.79
LP00201	210	10.55	5.62	2.94	13.35	2.01	83.2	0.69	90.9	23.5	17.45	1.86
LP00202	60.6	2.21	1.26	0.77	2.84	0.42	33.2	0.15	22.9	6.73	3.83	0.4
LP00203	54	2.02	1.11	0.69	2.4	0.4	29.2	0.16	20.3	5.95	3.27	0.35
LP00204	52.9	2.17	1.18	0.63	2.69	0.41	28.7	0.15	20	5.96	3.56	0.38
LP00205	51.5	2.01	1.2	0.71	2.42	0.41	28.7	0.18	19.9	5.75	3.25	0.38
LP00206	78	3.56	1.9	1.15	4.74	0.67	41.1	0.21	33	9.08	6.09	0.6
LP00207	110.5	2.58	1.38	1.23	3.65	0.48	64.2	0.2	38.6	11.55	5.57	0.48
LP00208	204	10.2	5.3	2.86	13.15	1.95	87.1	0.68	86.7	23	16.15	1.81
LP00209	195.5	9.72	5.29	2.64	12.85	1.89	82.7	0.66	84.1	22.1	15.45	1.8
LP00210	104	2.84	1.37	1.25	4.26	0.52	60.7	0.19	37.6	11.35	5.8	0.53
LP00211	40	1.69	1.04	0.96	2.39	0.33	21.1	0.18	18.6	4.87	3.85	0.32
LP00212	31.2	1.56	0.92	0.53	1.78	0.3	17.2	0.16	13.6	3.68	2.42	0.26
LP00213	97.3	6.77	3.92	1.74	6.72	1.38	45.5	0.57	44.8	11.9	8.51	1.13
LP00214	66.7	2.51	1.25	0.97	3.31	0.43	31.4	0.13	26.8	7.14	4.76	0.44
LP00215	24.4	2.6	1.59	0.59	2.52	0.55	14.7	0.27	12.9	3.29	2.63	0.41
LP00216	107	4.14	1.72	1.64	5.73	0.67	60.4	0.19	43.6	12.15	7.55	0.74
LP00217	89.4	4.99	2.98	0.88	4.93	1.01	47.5	0.45	33.6	10.4	6.06	0.72
LP00218	67.7	3.61	1.95	1.24	4.1	0.68	35.9	0.26	29.2	8.19	5.63	0.56
LP00219	39.5	1.8	0.94	0.75	2.22	0.35	21.9	0.12	15.7	4.51	2.99	0.31
LP00220	36.8	1.92	1.01	0.73	2.38	0.36	21.3	0.14	15.5	4.32	2.88	0.32
LP00221	45.8	1.48	0.97	0.71	1.69	0.31	24.2	0.14	15.5	4.67	2.41	0.25
LP00222	43.3	1.73	0.94	0.63	1.9	0.33	24.4	0.18	16.5	4.89	2.87	0.3
LP00223	57	2.31	1.38	0.92	2.84	0.44	30.8	0.19	22.4	6.56	4.08	0.39
LP00224	24.2	1.06	0.68	0.32	1.11	0.22	13.9	0.14	9.2	2.81	1.52	0.17
LP00225	46.9	1.84	0.97	0.95	2.5	0.34	26.3	0.14	19.7	5.42	3.25	0.34
LP00226	40.4	1.25	0.83	0.46	1.63	0.25	24.2	0.15	14.2	4.43	2.01	0.24

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SAMPLE	Ce	Dy	Er	Eu	Gd	Ho	La	Lu	Nd	Pr	Sm	Tb
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LP00227	16.6	1.26	0.79	0.34	1.4	0.26	9.7	0.17	8.6	2.23	1.68	0.21
LP00228	60.2	2.48	1.49	0.8	2.83	0.49	34	0.22	23.5	6.93	4.13	0.44
LP00229	71.1	3.62	2.18	1.24	4.04	0.77	38.7	0.27	30.6	8.27	5.32	0.6
LP00230	215	12.05	6.17	3.52	14.95	2.31	97.5	0.72	97.4	25.9	18.1	2.14
LP00231	51.3	1.77	1.05	0.72	2.19	0.34	29	0.15	19.7	5.74	3.34	0.28
LP00232	43	2.26	1.23	0.89	2.78	0.45	22.9	0.18	18.8	5.17	3.38	0.39
LP00233	46	2.3	1.24	1.05	2.91	0.43	24.2	0.18	22	5.69	3.98	0.38
LP00234	71.7	1.19	0.68	0.87	1.85	0.22	42.2	0.13	24.4	7.67	3.18	0.22
LP00235	54.3	2.48	1.28	0.93	3.25	0.51	29.1	0.18	23.2	6.44	4.13	0.47
LP00236	56.8	2.36	1.43	0.9	2.86	0.52	31.7	0.22	21.8	6.53	3.7	0.4
LP00237	53.3	2.09	1.07	0.66	2.49	0.42	30.1	0.18	19.5	6.04	3.51	0.36
LP00238	40.4	1.29	0.73	0.46	1.43	0.27	24	0.15	13.9	4.36	2.48	0.21
LP00239	38.4	1.75	1.15	0.51	1.95	0.34	21.3	0.19	14.3	4.36	2.31	0.3
LP00240	76.5	4.72	2.82	0.79	4.48	0.91	39.7	0.4	29.6	8.72	5.45	0.74
LP00241	125.5	3.06	1.49	1.45	4.07	0.57	75.2	0.22	43.7	13.3	6.13	0.55
LP00242	52.9	2.18	1.25	0.71	2.31	0.42	31.6	0.2	17.7	5.41	3.09	0.37
LP00243	61.2	3.06	1.49	1.28	3.94	0.6	33.9	0.22	26.4	7.27	4.87	0.52
LP00244	68.7	2.29	1.4	0.8	2.55	0.46	39.3	0.21	25.1	7.59	3.99	0.39
LP00245	225	12.8	6.83	3.44	15.8	2.51	98.6	0.8	102.5	27	19.8	2.27
LP00246	160	8.66	4.4	2.45	10.6	1.6	77	0.51	72.9	19.7	13.35	1.43
LP00247	19.5	1.73	1.06	0.46	1.71	0.35	9	0.14	8.7	2.24	1.96	0.28
LP00248	41.5	2.51	1.35	1.08	3.16	0.49	21.7	0.17	18.4	4.71	3.48	0.42
LP00249	211	11.1	5.82	2.88	14.35	2.2	85.5	0.7	91	22.4	17.3	2.04
LP00250	22.8	0.96	0.63	0.34	1.22	0.19	12.5	0.11	9.7	2.59	1.72	0.17
LP00251	34.4	1.36	0.76	0.65	1.77	0.24	18.8	0.1	13.6	3.64	2.32	0.25
LP00252	30.1	1.2	0.82	0.67	1.82	0.25	14.8	0.13	14.2	3.51	2.59	0.23
LP00253	45.5	1.35	0.74	0.96	2.48	0.25	22.5	0.12	22	5.35	3.89	0.27
LP00254	1.7	0.54	0.47	0.16	0.39	0.13	1.5	0.13	1.4	0.34	0.27	0.07
LP00255	41.1	1.06	0.6	0.9	2.04	0.21	19.8	0.1	19.7	4.74	3.52	0.23
LP00256	56.3	4.94	3.36	0.37	4.54	1.05	25.8	0.54	23.3	6.43	4.99	0.75
LP00257	51.4	2.81	1.88	1.22	3.31	0.58	25	0.25	25.1	6.1	4.58	0.47
LP00258	16.8	1.01	0.48	0.42	1.36	0.18	8.3	0.08	7.6	1.89	1.67	0.19
LP00259	56.7	2.26	1.48	0.81	2.31	0.44	30.1	0.24	21.4	5.83	3.39	0.37
LP00260	22	1.15	0.76	0.37	1.44	0.25	11.4	0.12	9.1	2.37	1.54	0.21
LP00261	43.7	1.84	1.18	0.97	2.57	0.38	21.5	0.19	21.5	5.19	3.76	0.34
LP00262	16.4	0.71	0.46	0.39	0.98	0.15	8.2	0.07	7.2	1.79	1.36	0.16

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SAMPLE	Ce	Dy	Er	Eu	Gd	Ho	La	Lu	Nd	Pr	Sm	Tb
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LP00263	57.6	2.91	1.79	0.95	3.53	0.58	25.3	0.25	22.8	5.89	4.33	0.53
LP00264	167	10.5	5.92	2.05	11.9	2.06	62.1	0.73	69.7	17	13.8	1.85
LP00265	49.9	4.51	2.95	1.28	4.71	0.97	26.2	0.38	23.4	5.93	4.78	0.74
LP00266	33	1.95	1.18	0.66	2.49	0.41	16.6	0.19	15.7	3.95	2.97	0.35
LP00267	17.9	1.35	1	0.55	1.54	0.28	8.7	0.15	8.8	2.14	1.86	0.23
LP00268	28.5	1.21	0.66	0.58	1.66	0.25	17.2	0.09	12.2	3.3	2.14	0.24
LP00269	78.1	4.22	2.49	1.3	5.04	0.81	37.3	0.33	34.8	8.8	6.51	0.73
LP00270	23.4	0.57	0.32	0.45	0.97	0.1	11.6	0.06	9.9	2.65	1.68	0.11
LP00271	32.4	1.37	0.88	0.66	1.8	0.3	15.8	0.16	15.5	3.83	2.82	0.24
LP00272	32.9	1.02	0.47	0.75	1.86	0.16	15.6	0.1	16.6	3.89	3	0.19
LP00273	40.1	1.02	0.57	0.88	1.94	0.21	19.4	0.1	19.1	4.66	3.32	0.22
LP00274	11	1.09	0.95	0.27	1.06	0.28	6	0.28	5.5	1.4	1.06	0.18
LP00275	35.4	1.04	0.57	0.67	1.83	0.17	17.2	0.12	17.6	4.32	3.12	0.22
LP00276	42.1	1.09	0.73	0.4	1.44	0.23	22.6	0.15	15	4.34	2.23	0.22
LP00277	21.1	0.73	0.51	0.36	0.98	0.17	10.2	0.1	9.8	2.43	1.64	0.12
LP00278	39.4	1.07	0.54	0.55	1.63	0.19	20.4	0.08	16.6	4.36	2.65	0.22
LP00279	31.7	0.78	0.44	0.56	1.56	0.16	15.2	0.08	14.8	3.64	2.83	0.16
LP00280	27.5	0.8	0.37	0.52	1.37	0.14	14.6	0.06	11.4	3.11	2.19	0.15
LP00281	94.4	3.08	1.64	0.81	3.93	0.57	45.9	0.2	34.5	10.15	6.14	0.53
LP00282	14.7	1.09	0.87	0.26	1.15	0.23	7.8	0.17	6	1.7	1.33	0.19
LP00283	64.1	1.37	1.08	0.62	1.86	0.33	35.6	0.21	20.6	6.44	2.93	0.26
LP00284	101.5	5.21	2.67	2.17	7.07	1.04	48.2	0.35	47.1	12.05	8.5	0.94
LP00285	181.5	9.23	4.65	3.51	12	1.78	73.2	0.57	72.8	19.05	13.85	1.66
LP00286	127	8.31	4.08	2.77	10.45	1.56	58	0.47	59.5	15	12.1	1.48
LP00287	115.5	6.54	3.3	2.38	8.04	1.25	51.8	0.39	50.4	13.3	9.6	1.14
LP00288	68.5	2.86	1.63	0.73	3.66	0.57	36.5	0.19	25.2	7.26	4.43	0.5
LP00289	234	10.9	5.53	3.47	15	2.05	98.1	0.54	96.2	25.2	17.6	2.01
LP00290	26.7	1.12	0.74	0.56	1.63	0.21	13.1	0.12	12.4	3.23	2.27	0.21
LP00291	69.9	0.82	0.41	0.73	1.72	0.13	38.1	0.09	23.4	7.16	3.66	0.21
LP00292	42.5	1.08	0.56	0.66	1.96	0.19	21.5	0.11	17.3	4.82	3.11	0.22
LP00293	69.4	2.11	1.14	0.73	2.69	0.4	36.6	0.18	23.1	7.07	3.79	0.41
LP00294	45.6	1.03	0.35	1.02	2.43	0.15	22.3	0.06	21.4	5.45	4.01	0.27
LP00295	2.4	3.08	2.82	0.1	1.38	0.79	1.1	0.62	1.4	0.35	0.67	0.35
LP00296	41.9	1.05	0.58	0.83	1.98	0.21	20.8	0.08	18.9	5.02	3.32	0.22
LP00297	31.6	0.92	0.51	0.57	1.48	0.17	16	0.08	13.2	3.55	2.52	0.17
LP00298	39.1	0.99	0.66	0.43	1.48	0.2	21.1	0.15	13.8	4.03	2.32	0.19

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SAMPLE	Ce	Dy	Er	Eu	Gd	Ho	La	Lu	Nd	Pr	Sm	Tb
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LP00299	41.4	1.77	0.95	0.67	2.24	0.36	23	0.13	16.3	4.48	3.04	0.34
LP00300	103.5	4.53	2.47	1.83	6.35	0.89	53.7	0.33	43.6	11.85	7.53	0.92
LP00301	58.4	2.94	1.68	1.22	3.44	0.56	31.8	0.2	24.9	6.54	4.49	0.51
LP00302	79.5	5.32	3.05	1.83	6.27	1.08	36.5	0.4	36.8	9.48	7.4	0.91
LP00303	220	11.25	5.93	3.16	14.65	2.15	90.7	0.7	92	23.8	17.3	1.97
LP00304	81.1	3.72	2.19	1.37	4.27	0.75	45.9	0.35	31	8.74	5.35	0.65
LP00305	197	11.2	6.03	2.46	13.1	2.2	78.8	0.73	80.5	21.2	16.15	1.91
LP00306	73	4.4	2.49	1.62	5.09	0.88	38	0.35	30.7	8.26	6.01	0.75
LP00307	201	10.9	5.68	2.69	13.45	2.1	80.2	0.64	85.1	22.1	17	1.95
LP00308	64.4	1.49	0.83	0.92	2.13	0.29	35.4	0.13	21.4	6.59	3.23	0.29
LP00309	218	12.35	6.48	2.97	14.8	2.32	85.8	0.77	91.4	23.7	17.65	2.17
LP00310	113.5	6.45	3.62	2.33	7.77	1.36	53.7	0.48	50.4	13.65	9.53	1.11
LP00311	76.9	2.66	1.24	1.19	3.63	0.49	42.4	0.19	28.1	8.06	4.78	0.48
LP00312	63.5	2.72	1.25	1.09	3.51	0.51	35.2	0.17	24.9	6.92	4.47	0.48
LP00313	62.9	3.28	1.83	1.33	4.1	0.66	33.4	0.22	27.1	7.29	5.32	0.59
LP00314	181.5	9.23	4.73	2.69	11.4	1.76	74.7	0.56	74.7	19.5	14.3	1.6
LP00315	45	3.91	2.14	1.47	4.6	0.78	18.3	0.34	23.7	5.97	5.02	0.67
LP00316	53.7	2.34	1.33	0.82	2.99	0.46	31.4	0.21	21	5.83	3.67	0.4
LP00317	51.8	2	1.19	0.77	2.4	0.4	30.8	0.16	20.2	5.58	3.23	0.36
LP00318	46.5	2.06	1.1	0.85	2.69	0.37	25.2	0.17	19.6	5.2	3.35	0.38
LP00319	94.7	4.44	2.22	2.06	6.5	0.77	44.1	0.31	44.7	11.5	7.83	0.84
LP00320	53.7	2.15	0.99	0.88	2.85	0.37	27.4	0.16	20.9	5.91	3.67	0.41
LP00321	53.4	1.88	1.01	0.79	2.66	0.34	27.6	0.12	20.3	5.83	3.43	0.37
LP00322	53.7	2.04	0.98	0.86	2.86	0.37	28	0.15	20.9	5.92	3.72	0.4
LP00323	51.8	2.09	0.95	0.89	2.94	0.37	26.9	0.16	20.6	5.63	3.58	0.37
LP00324	36.9	1.38	0.67	0.6	1.87	0.25	20	0.12	13.3	3.88	2.43	0.26
LP00325	52	2.16	0.95	0.87	2.92	0.38	26.5	0.15	20.3	5.71	3.43	0.42
LP00326	48	1.72	0.94	0.73	2.3	0.31	26	0.15	17.3	4.99	3	0.32
LP00327	38	1.72	1	0.65	2.01	0.32	20.4	0.16	14.3	4.05	2.5	0.3
LP00328	42	3.86	2.06	1.39	4.6	0.72	19	0.29	22	5.52	4.44	0.66
LP00329	187.5	13.15	7.06	3.15	14.2	2.52	84	0.94	84.8	21.9	16.95	2.15
LP00330	55.2	2	1.11	0.84	2.82	0.39	28.1	0.15	21.2	6.06	3.67	0.35
LP00331	49.5	1.83	0.89	0.77	2.42	0.34	25	0.12	19.1	5.32	3.35	0.33
LP00332	34.3	1.36	0.79	0.51	1.78	0.27	18.1	0.14	12.5	3.55	2.23	0.25
LP00333	56.1	1.84	0.97	0.81	2.58	0.37	28.4	0.13	21	5.97	3.83	0.33
LP00334	41.2	1.72	0.86	0.59	2.02	0.31	21.7	0.13	16	4.38	2.69	0.31

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SAMPLE	Ce	Dy	Er	Eu	Gd	Ho	La	Lu	Nd	Pr	Sm	Tb
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LP00335	121.5	6.65	3.48	2.07	7.65	1.24	54.4	0.44	52.2	13.65	9.59	1.12
LP00336	58.7	2.38	1.27	0.88	2.82	0.43	30.4	0.18	22.1	6.28	3.88	0.44
LP00337	170.5	9.09	4.6	2.53	11.5	1.76	74	0.58	75.9	19.85	14.5	1.61
LP00338	51.9	1.95	0.97	0.73	2.34	0.35	27.4	0.12	19.3	5.45	3.18	0.33
LP00339	249	11.8	5.88	3.6	14.65	2.19	104.5	0.71	105.5	27.5	19.25	2.1
LP00340	227	11.2	5.79	2.94	13.65	2.14	93.9	0.68	96	25.1	17.6	1.92
LP00341	58.4	2.59	1.31	1.02	3.07	0.48	28.9	0.19	24.1	6.42	4.19	0.43
LP00342	257	14.3	7.64	3.69	16.5	2.69	104	0.9	112	29	21	2.4
LP00343	210	11.05	5.84	3.12	13.55	2.04	86.9	0.69	89.2	23.1	16.75	1.88
LP00344	57.6	2.07	1.09	0.94	2.5	0.41	31.2	0.15	20.4	5.99	3.37	0.35
LP00345	143.5	7.66	3.87	2.02	9.28	1.41	61	0.46	64	16.65	11.8	1.33
LP00346	51.3	1.61	0.84	0.76	2.48	0.33	27.9	0.11	18.5	5.26	3.39	0.35
LP00347	100	5.05	2.59	1.7	5.96	0.95	46.9	0.3	41.8	11.25	7.48	0.87
LP00348	103.5	3.83	1.73	1.5	5.29	0.63	55.1	0.22	39.7	11.05	7.15	0.67
LP00349	100.5	7.21	4.12	1.56	7.68	1.48	46	0.5	44.4	11.75	8.93	1.23
LP00350	238	12.1	6.19	3.48	14.9	2.28	99.4	0.8	103.5	26.5	18.95	2.08
LP00351	71.8	2.59	1.26	1.2	3.34	0.48	37.7	0.14	25.6	7.46	4.44	0.49
LP00352	182	8.67	4.65	2.48	10.8	1.65	81.9	0.58	76.7	20.5	13.75	1.54
LP00353	150.5	9.23	5.11	2.17	10.2	1.81	61.7	0.61	65.5	16.9	12.55	1.48
LP00354	49.3	2.63	1.41	1.02	3.36	0.5	23.5	0.19	21.8	5.74	4.04	0.46
LP00355	223	10.05	5.14	2.81	12.85	1.94	92.9	0.64	90.7	24.2	16.4	1.84
LP00356	51.9	3.45	2.3	0.66	2.95	0.76	23.6	0.26	20.5	5.56	3.65	0.51
LP00357	166.5	9.39	4.99	2.96	11.2	1.84	76	0.67	74.5	19.15	14	1.62
LP00358	98.2	5.09	2.51	1.6	6	0.93	48.7	0.27	42.3	11.25	8.07	0.89
LP00359	172.5	9.78	5.04	2.9	12.3	1.89	69.8	0.66	75.7	19.45	14.5	1.76
LP00360	137.5	8.42	4.66	2.47	9.34	1.67	59.2	0.63	59.7	15.4	11.7	1.48
LP00361	39.8	1.62	0.98	0.67	2.13	0.31	19.6	0.11	16.1	4.4	2.89	0.3
LP00362	53.4	2.74	1.65	0.81	3.27	0.54	27.8	0.23	22.1	6.01	4.01	0.48
LP00363	36.3	1.58	0.93	0.5	1.94	0.31	18.7	0.14	14.3	3.98	2.38	0.28
LP00364	223	11.25	5.95	3.04	14.05	2.15	92	0.71	94.3	24.8	18.15	1.98
LP00365	40.7	1.53	0.88	0.61	1.91	0.3	21.7	0.14	15.4	4.48	2.69	0.28
LP00366	46.4	1.86	0.93	0.74	2.4	0.33	23.8	0.12	18.4	5.11	3.39	0.34
LP00367	221	11.75	6.12	3.4	14.7	2.25	89.4	0.75	91.1	24	17.45	2.02
LP00368	41.8	1.93	1.34	0.71	2.25	0.4	21.8	0.29	14.7	4.49	2.94	0.32
LP00369	38.5	1.01	0.61	0.53	1.36	0.21	21.9	0.11	12	3.81	1.81	0.19
LP00370	172	11.8	6.27	3.45	13.95	2.38	74.5	0.82	82.2	20.7	16.95	2.01

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SAMPLE	Ce	Dy	Er	Eu	Gd	Ho	La	Lu	Nd	Pr	Sm	Tb
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LP00371	177	9.14	4.8	2.74	11.5	1.74	79.6	0.61	76.8	20.7	14.6	1.61
LP00372	29.2	1.17	0.59	0.37	1.55	0.24	14.1	0.09	10.9	3.03	1.97	0.2
LP00373	108	1.05	0.5	0.87	1.74	0.19	66.9	0.08	26.4	9.13	2.91	0.2
LP00374	42.4	1.65	0.92	0.76	2.32	0.31	21.1	0.12	16.7	4.69	3.05	0.32
LP00375	129	2.84	1.34	1.33	4.19	0.56	72.1	0.2	40.9	12.6	6.13	0.54
LP00376	105.5	2.01	1.17	1.02	3.34	0.4	54.2	0.17	35.5	10.85	5.02	0.38
LP00377	165.5	6.15	3.29	2.04	7.86	1.16	80.6	0.45	59.5	17.45	9.92	1.09
LP00378	46	0.76	0.52	0.55	1.14	0.17	26.7	0.08	13.4	4.37	1.78	0.14
LP00379	34.1	1.38	0.76	0.59	1.87	0.27	17.7	0.12	13.4	3.73	2.34	0.26
LP00380	34.9	1.3	0.7	0.53	1.83	0.26	18.5	0.12	13.5	3.71	2.27	0.24
LP00381	70.1	3.31	1.71	1.13	3.82	0.6	35.4	0.22	27.7	7.77	5.07	0.55
LP00382	57	2.58	1.41	1.15	2.95	0.5	30.7	0.2	21	6.09	3.95	0.46
LP00383	32.5	1.55	0.75	0.59	1.85	0.28	16.9	0.1	12.5	3.5	2.23	0.24
LP00384	163.5	10.45	5.79	2.92	12.45	2.13	75.9	0.75	72.6	19.05	14.05	1.78
LP00385	43.3	1.05	0.61	0.64	1.75	0.21	22.4	0.09	15.7	4.6	2.8	0.21
LP00386	28.2	0.61	0.41	0.37	0.76	0.12	16.6	0.08	7.8	2.53	1.12	0.11
LP00387	94.4	3.71	1.83	1.34	4.65	0.65	49.6	0.2	34.6	10.05	6.11	0.69
LP00388	37.4	1.55	0.78	0.7	2.2	0.31	19.3	0.11	14.7	4.21	2.64	0.29
LP00389	38	1.45	0.85	0.59	1.98	0.3	20	0.13	14.6	4.18	2.56	0.26
LP00390	124	2.8	1.55	1.26	3.99	0.56	68.8	0.22	39.9	12.5	6.02	0.58
LP00391	32.4	1.2	0.82	0.41	1.37	0.25	16.8	0.15	11.1	3.29	1.84	0.22
LP00392	32.1	1.36	0.77	0.53	1.64	0.25	17.3	0.11	11.8	3.4	2.04	0.24
LP00393	43.5	1.8	0.99	0.65	2.26	0.33	23.5	0.15	15.7	4.64	2.7	0.3
LP00394	38	1.8	1.02	0.59	2.16	0.36	20	0.17	14.8	4.17	3.04	0.32
LP00395	178	11.65	6.38	3.68	13.9	2.3	76.6	0.83	84.3	21.5	16.85	1.99
LP00396	167	8.37	4.33	2.85	10.7	1.58	77.5	0.53	71.6	19.05	13.4	1.48
LP00397	68.2	3.5	1.76	1.32	4.1	0.63	34.1	0.19	28.7	7.69	5.43	0.58
LP00398	64.8	2.52	1.38	0.85	3.12	0.49	35.8	0.21	22.7	6.88	4.14	0.45
LP00399	32.7	0.85	0.46	0.5	1.24	0.16	19.2	0.07	10.9	3.37	1.7	0.15
LP00400	37.9	1.37	0.79	0.54	1.94	0.28	21.4	0.12	13.6	4.04	2.66	0.26
LP00401	12.7	1.05	0.62	0.86	1.32	0.2	6	0.07	6.6	1.6	1.64	0.21
LP00402	26.2	3.48	2.21	0.56	3.22	0.72	11.8	0.33	12.7	3.25	3.24	0.54
LP00403	13.7	1.47	0.82	0.19	1.54	0.31	7.2	0.19	6.1	1.62	1.45	0.25
LP00404	210	11	5.75	3.16	14.1	2.05	97	0.77	92.7	24.4	17.3	1.9
LP00405	236	11.3	5.98	3.14	14.3	2.17	101	0.75	97.3	25.8	18	2.05
LP00406	154	7.64	4.57	1.22	8.76	1.45	74.7	0.7	57	16.3	10.7	1.26

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SAMPLE	Ce	Dy	Er	Eu	Gd	Ho	La	Lu	Nd	Pr	Sm	Tb
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LP00407	16.8	2.88	1.54	0.22	2.67	0.54	7.8	0.2	8.3	2.13	2.86	0.48
LP00408	54	2.79	1.64	1.19	3.31	0.55	26.9	0.23	19.8	5.41	3.76	0.5
LP00409	52	3.65	1.9	1.46	4.74	0.7	22.3	0.26	27.8	6.74	5.72	0.66
LP00410	31.4	3.76	2.38	1.22	4.04	0.83	14.6	0.36	16	3.73	3.83	0.67
LP00411	78.5	4.1	2.48	1.75	5.06	0.85	39.9	0.32	32.6	8.65	6.22	0.7
LP00412	68.3	2.87	1.39	1.06	3.79	0.53	37.2	0.17	27	7.62	4.8	0.55
LP00413	12.1	1.36	0.9	0.29	1.2	0.28	6.7	0.16	5.8	1.53	1.21	0.2
LP00414	35.1	1.73	0.92	0.89	2.5	0.32	18	0.13	15.1	3.95	2.88	0.35
LP00415	68.7	1.69	0.85	0.95	2.5	0.32	38.5	0.1	25	7.24	3.93	0.36
LP00416	29.9	2.57	1.46	0.93	3.03	0.51	14.1	0.18	15.4	3.82	3.47	0.43
LP00417	40.8	2.63	1.41	1.16	3.35	0.51	19.7	0.18	20.6	5.15	3.95	0.48
LP00418	52.6	1.79	0.92	0.81	2.51	0.32	28	0.13	19.9	5.67	3.27	0.32
LP00419	56.1	1.94	0.95	0.79	2.72	0.32	30.1	0.12	21	6.03	3.55	0.36
LP00420	48.9	1.81	0.95	0.78	2.55	0.34	25.9	0.14	19.3	5.33	3.39	0.35
LP00421	50	1.8	0.92	0.81	2.62	0.35	26.7	0.14	18.8	5.37	3.18	0.36
LP00422	20.9	2.84	1.68	0.82	2.96	0.58	10	0.24	11.3	2.71	2.75	0.47
LP00423	51.7	2.05	1.04	0.85	2.63	0.38	27.6	0.14	20.3	5.82	3.64	0.4
LP00424	65.6	2.57	1.39	0.84	3.17	0.49	33.8	0.19	23.2	6.77	4.12	0.49
LP00425	49.8	2.33	1.29	0.94	2.87	0.43	25.9	0.18	20	5.54	3.88	0.41
LP00426	75.1	1.52	1.05	0.73	2.33	0.32	40.5	0.17	25.8	7.63	3.71	0.3
LP00427	103	5.07	2.55	1.62	6.83	0.97	53.5	0.27	44	11.9	8.51	0.98
LP00428	57.4	2.52	1.46	0.79	2.86	0.5	31.2	0.26	21.3	6.15	3.77	0.43
LP00429	16.3	0.58	0.4	0.2	0.78	0.11	8.2	0.08	5.8	1.7	0.9	0.1
LP00430	63.7	2.79	1.4	1.29	3.64	0.49	35.2	0.19	24.5	6.94	4.44	0.52
LP00431	59.1	2.67	1.44	0.87	3.34	0.49	31.3	0.2	22.6	6.44	3.98	0.47
LP00432	20	1.18	0.76	0.32	1.14	0.24	10.3	0.14	8.9	2.37	1.8	0.19
LP00433	42.4	1.54	0.91	0.65	1.83	0.32	22.1	0.17	15	4.5	2.68	0.25
LP00434	56.9	2.2	1.23	0.71	2.63	0.43	29	0.18	20.6	6.04	3.65	0.39
LP00435	52.2	2.23	1.26	0.68	2.42	0.44	27.9	0.21	18.8	5.67	3.25	0.36
LP00436	51.4	2.12	1.31	0.61	2.33	0.41	26.1	0.21	18.8	5.53	3.28	0.37
LP00437	31.4	1.19	0.75	0.44	1.48	0.25	15.7	0.14	11.3	3.34	1.94	0.19
LP00438	82.2	5.92	3.37	1.58	6.42	1.22	38.9	0.5	38.1	9.71	7.63	0.96
LP00439	31.4	1.27	0.7	0.47	1.76	0.24	16.6	0.12	12.1	3.38	2.13	0.21
LP00440	53.3	3.24	1.9	1.22	3.75	0.65	25	0.27	24.1	6.39	4.85	0.55
LP00441	52.5	3.44	1.69	1.55	4.15	0.67	25.8	0.23	25.5	6.41	4.79	0.58
LP00442	54.8	2.01	1.02	0.83	2.63	0.37	28.6	0.14	21.1	6.07	3.66	0.36

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SAMPLE	Ce	Dy	Er	Eu	Gd	Ho	La	Lu	Nd	Pr	Sm	Tb
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LP00443	61.2	3.79	2.17	0.88	4.21	0.77	27.5	0.27	26	7.08	4.98	0.63
LP00444	137.5	6.3	3.22	2.38	7.72	1.23	71.5	0.46	57.3	15.95	9.94	1.09
LP00445	58.5	2.62	1.43	0.84	2.94	0.51	30.8	0.2	21.9	6.57	4.12	0.48
LP00446	251	12.55	6.45	3.15	15.75	2.38	104.5	0.8	106.5	28.3	19.85	2.2
LP00447	181	9.81	5.12	2.69	12.05	1.83	80.8	0.61	80.2	21.6	15	1.66
LP00448	236	12.7	6.68	3.21	15.1	2.42	97.8	0.83	102	26.7	19.35	2.21
LP00449	47.5	2.11	1.15	1.02	2.68	0.41	27.1	0.18	19.6	5.54	3.43	0.37
LP00450	57.8	2.16	1.25	0.72	2.58	0.42	30.9	0.18	20.6	6.12	3.76	0.37
LP00451	51.5	1.96	1.07	0.59	2.31	0.41	27.7	0.18	17.7	5.42	3.11	0.34
LP00452	51.1	2.27	1.2	0.71	2.53	0.45	27	0.18	18.6	5.57	3.26	0.38
LP00453	50	1.94	1.13	0.65	2.26	0.39	27.1	0.22	17.1	5.23	3.21	0.33
LP00454	43.7	1.57	0.92	0.57	1.96	0.32	23.5	0.15	14.9	4.58	2.66	0.28
LP00455	40.1	1.52	0.92	0.49	1.8	0.31	21.8	0.17	14.1	4.28	2.55	0.27
LP00456	30.8	1.39	0.96	0.44	1.64	0.28	15.9	0.16	11.6	3.33	2.09	0.21
LP00457	47.2	1.91	1.13	0.67	2.33	0.4	24.8	0.16	17.2	5.04	3.32	0.32
LP00458	38.2	1.48	0.87	0.56	1.98	0.3	20	0.14	14.5	4.1	2.36	0.27
LP00459	62.7	2.4	1.24	0.77	2.87	0.45	33.1	0.18	22.4	6.71	3.82	0.43
LP00460	63.9	2.81	1.42	0.91	3.57	0.57	32.9	0.17	25.3	7.18	4.68	0.49
LP00461	70.3	4.56	2.42	1.75	5.48	0.94	33.4	0.33	33.5	8.6	6.68	0.79
LP00462	305	9.97	5.11	2.45	12.7	1.91	145.5	0.59	101.5	29.8	17.3	1.8
LP00463	142	10.05	5.43	2.64	11.4	2	64.7	0.72	65.8	17.05	13.15	1.7
LP00464	73	2.74	1.32	1.29	3.46	0.47	38.4	0.21	27.9	7.97	4.76	0.47
LP00465	245	11.55	6.13	3.32	14.7	2.24	101.5	0.71	105	27.5	19.6	2.06
LP00466	50	1.86	1.11	0.54	2.14	0.35	26.9	0.18	17.5	5.28	3.01	0.31
LP00467	152	8.14	4.21	2.99	11.15	1.58	68.9	0.48	71.6	18.35	13.6	1.43
LP00468	39.5	1.65	0.87	0.58	2.03	0.33	20.2	0.15	14.9	4.33	2.7	0.29
LP00469	42	1.55	0.91	0.54	1.88	0.32	20.9	0.16	14.6	4.22	2.41	0.28
LP00470	244	14.05	7.8	2.76	17.65	2.81	98.6	0.91	105	27.8	20.3	2.48

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SAMPLE	Th	Tm	U	Y	Yb	TREE	TREO
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LP00119	11.65	0.47	3.08	32.5	2.85	305.79	367.62
LP00120	8.46	0.31	2.46	21.3	2.08	169.71	204.03
LP00121	4.29	0.2	1.89	13.2	1.49	140.44	168.84
LP00122	3.05	0.68	0.69	49.8	4.21	479.33	576.25
LP00123	33.8	0.54	4.91	33.7	3.53	339.26	407.86
LP00124	3.49	0.09	1.39	5.5	0.62	90.51	108.81
LP00125	3.53	0.18	1.36	11.1	1.2	143.34	172.32
LP00126	1.28	0.05	0.66	3	0.4	29.42	35.37
LP00127	8.43	0.32	2.56	21.4	2.06	169.62	203.92
LP00128	7.09	0.19	1.79	12.3	1.31	120.81	145.24
LP00129	4.82	0.24	1.86	18.4	1.67	121.09	145.57
LP00130	1.34	0.1	1.42	6.6	0.85	40.62	48.83
LP00131	3.39	0.17	1.4	9.4	1.14	72.4	87.04
LP00132	11.75	0.28	4.67	18.9	1.83	103.1	123.95
LP00133	2.7	0.36	3.33	20.9	2.4	74.74	89.85
LP00134	2.64	0.1	0.84	5.9	0.65	101.38	121.88
LP00135	1.01	0.08	1.2	4.5	0.63	31.14	37.44
LP00136	2.49	0.11	1.32	6.7	0.78	72.16	86.75
LP00137	2.83	0.17	1.63	10.4	1.37	116.14	139.62
LP00138	1.67	0.08	1.37	5.8	0.55	60.94	73.26
LP00139	7.02	0.12	3.08	8.3	0.93	94.29	113.36
LP00140	26.2	0.75	7.1	53.8	5.03	497.97	598.66
LP00141	2.55	0.54	1.31	41.2	3.37	385.63	463.60
LP00142	2.37	0.04	1.25	3.9	0.29	90.46	108.75
LP00143	1.93	0.15	1.95	8.5	0.98	76.34	91.78
LP00144	7.89	0.15	1.97	9.8	0.97	117.84	141.67
LP00145	3.84	0.76	0.66	53	4.58	437.81	526.34
LP00146	3.8	0.72	0.53	50.8	4.31	405.85	487.91
LP00147	0.68	0.22	0.17	16.7	1.42	77.78	93.51
LP00148	0.44	0.13	0.21	7.3	0.86	76.48	91.94
LP00149	3.51	0.87	0.54	59.2	5.12	429.82	516.73
LP00150	2.11	0.08	0.54	5.3	0.52	118.78	142.80
LP00151	2.33	0.09	0.83	6.2	0.55	112.58	135.34
LP00152	11.2	0.2	0.58	16.1	1.25	256.57	308.45
LP00153	5.28	0.89	0.77	61.8	5.44	489.07	587.96
LP00154	3.62	0.8	0.44	57.6	4.9	457.24	549.69

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SAMPLE UNITS	Th ppm	Tm ppm	U ppm	Y ppm	Yb ppm	TREE ppm	TREO ppm
LP00155	1.58	0.15	0.31	10	0.96	147.99	177.91
LP00156	6.88	0.21	1.99	13.3	1.34	138.36	166.34
LP00157	14.75	0.52	3.44	39.1	3.21	325.17	390.92
LP00158	5.3	0.34	2.46	20.8	2.22	170.58	205.07
LP00159	2.54	0.13	1.35	7.9	0.86	94.14	113.18
LP00160	3.37	0.63	0.99	44.3	3.79	448.24	538.87
LP00161	3.26	0.82	0.45	56.8	4.89	456.8	549.16
LP00162	1.81	0.08	0.45	4.8	0.37	100.62	120.97
LP00163	3.35	0.81	0.54	59.5	4.97	484.46	582.42
LP00164	4.11	0.5	0.96	33	2.92	289.92	348.54
LP00165	5.49	0.75	1.01	55.7	4.49	482.54	580.11
LP00166	6.44	0.88	1.05	66.3	5.21	598.79	719.87
LP00167	4.19	0.13	1.37	8.1	0.89	127.88	153.74
LP00168	10.4	0.24	3.39	17.8	1.58	83.03	99.82
LP00169	1.96	0.12	1.43	7.6	0.88	71.53	85.99
LP00170	8.45	0.11	2.18	7.6	0.63	117.55	141.32
LP00171	1.68	0.07	0.71	5	0.4	94.07	113.09
LP00172	1.74	0.1	1.28	7.2	0.77	114.89	138.12
LP00173	3.71	0.17	1.92	10.7	1.2	121.14	145.63
LP00174	3.73	0.27	2.6	16.6	1.92	156.69	188.37
LP00175	3.26	0.15	1.19	10	1.11	78.96	94.93
LP00176	6.41	0.15	2.26	9.2	0.97	130.14	156.45
LP00177	3.69	0.13	1.16	9.1	0.8	85.38	102.64
LP00178	3.62	0.11	1.35	7.1	0.75	127.67	153.48
LP00179	2.73	0.13	1.91	8.3	0.95	91.23	109.68
LP00180	2.14	0.46	0.81	34.6	2.88	342.97	412.32
LP00181	2.49	0.12	1.17	6.9	0.72	109.89	132.11
LP00182	1.47	0.05	1.02	2.6	0.48	29.01	34.88
LP00183	28.6	0.33	2.66	20.4	2.37	233.64	280.88
LP00184	4	0.18	1.88	8.8	0.97	66.7	80.19
LP00185	4.54	0.53	1.93	31.4	3.56	235.97	283.68
LP00186	5.29	0.68	1.12	46.5	4.35	431.75	519.05
LP00187	1.85	0.12	0.69	6.9	0.71	52.13	62.67
LP00188	5.72	0.23	1.67	15.2	1.31	179.68	216.01
LP00189	9.84	0.62	1.73	44.5	3.82	475.38	571.50
LP00190	4.63	0.22	2.09	13.7	1.44	159.67	191.96

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SAMPLE UNITS	Th ppm	Tm ppm	U ppm	Y ppm	Yb ppm	TREE ppm	TREO ppm
LP00191	2.55	0.04	0.98	2.4	0.26	48.33	58.10
LP00192	19.4	0.18	2.68	12.6	1.25	136.3	163.86
LP00193	7.24	0.36	1.24	26.5	2.07	303.95	365.41
LP00194	5.98	0.24	1.33	13.8	1.53	149.95	180.27
LP00195	6.78	0.45	1.4	24.3	2.88	237.35	285.34
LP00196	3.49	0.14	1.46	11	0.94	110.71	133.10
LP00197	9.29	0.3	1.92	17.1	1.9	169.89	204.24
LP00198	7.25	0.1	1.39	5.9	0.71	89.28	107.33
LP00199	7.47	0.17	1.74	10.8	1.16	147.87	177.77
LP00200	6.97	0.72	1.48	51.5	4.36	501.94	603.43
LP00201	7.76	0.75	1.48	53.2	4.76	530.02	637.19
LP00202	6.17	0.17	1.62	11.6	1.07	155.94	187.47
LP00203	5.34	0.15	1.18	10.7	0.89	138.11	166.04
LP00204	5.94	0.16	1.02	11.6	1.06	138.51	166.52
LP00205	6.16	0.17	1.74	11.4	1.05	136.93	164.62
LP00206	7.04	0.22	1.46	17.8	1.42	208.04	250.11
LP00207	6.22	0.17	1.22	13	1.23	262.26	315.29
LP00208	8.22	0.71	1.34	51.6	4.43	519.2	624.18
LP00209	8.64	0.71	1.67	50	4.34	500.06	601.17
LP00210	7.26	0.19	1.18	13.4	1.3	253.74	305.05
LP00211	2.3	0.17	1.26	10.7	1.26	111.02	133.47
LP00212	5.82	0.14	2.25	9.2	1.04	92.06	110.67
LP00213	10.2	0.56	2.18	34.9	3.36	281.44	338.35
LP00214	6.04	0.17	1.86	12.5	0.96	167.37	201.21
LP00215	3.39	0.22	1.59	16.4	1.52	89.57	107.68
LP00216	6.23	0.23	0.83	16.9	1.38	271.1	325.92
LP00217	34.5	0.47	3.76	28.8	2.97	273.42	328.71
LP00218	5.58	0.27	1.18	18.5	1.77	186.32	223.99
LP00219	3.84	0.12	0.86	10.6	0.87	107.38	129.09
LP00220	4.03	0.15	1.17	11.3	0.99	105.3	126.59
LP00221	4.11	0.12	1.04	8.5	0.84	112.74	135.54
LP00222	8.21	0.16	2.38	10.4	1.06	120.18	144.48
LP00223	5.29	0.19	2.19	13	1.2	151.18	181.75
LP00224	6.95	0.12	1.48	6.4	0.87	71.15	85.54
LP00225	3.81	0.13	0.91	9.7	0.86	124.06	149.14
LP00226	8.22	0.12	1.92	8	0.88	109.19	131.27

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SAMPLE UNITS	Th ppm	Tm ppm	U ppm	Y ppm	Yb ppm	TREE ppm	TREO ppm
LP00227	2.09	0.15	1.48	8.1	0.92	55.98	67.30
LP00228	6.69	0.21	1.46	13.6	1.38	160.85	193.37
LP00229	6.99	0.3	1.28	19.3	1.73	196.31	236.00
LP00230	7.54	0.86	1.06	58.1	5.15	568.47	683.41
LP00231	3.76	0.15	0.87	9.9	1.03	131.29	157.84
LP00232	4.03	0.18	1.32	12.1	1.17	120.23	144.54
LP00233	2.15	0.18	1.02	11.8	1.19	126.7	152.32
LP00234	3.89	0.11	1.78	6.6	0.76	167.45	201.31
LP00235	4.25	0.18	0.97	13.1	1.21	145.98	175.50
LP00236	7.86	0.2	2.36	13.8	1.37	154.81	186.11
LP00237	7.35	0.18	1.57	11.6	1.14	141.56	170.18
LP00238	8.92	0.12	1.88	7.6	0.94	109.14	131.21
LP00239	6.34	0.18	1.78	10.3	1.14	106.6	128.15
LP00240	32	0.42	3.63	27	2.76	240.64	289.30
LP00241	6.93	0.21	0.93	15.1	1.43	299.84	360.47
LP00242	20.9	0.19	4.94	12.2	1.27	157.64	189.51
LP00243	3.42	0.24	0.67	14.8	1.42	165.3	198.72
LP00244	8.49	0.19	2.23	12.5	1.33	177.52	213.41
LP00245	9.65	0.92	1.59	63.3	5.49	598.3	719.28
LP00246	10.9	0.58	0.98	41.5	3.29	429.85	516.77
LP00247	8.46	0.16	1.56	9.8	1	68.11	81.88
LP00248	5.38	0.19	2.57	12.8	1.13	121.04	145.51
LP00249	8.22	0.82	1.22	55.4	4.72	536.67	645.18
LP00250	2.64	0.09	1.14	5.9	0.68	63.38	76.20
LP00251	2.5	0.11	0.73	7.2	0.57	89	107.00
LP00252	2.1	0.13	1.75	7.5	0.87	82.67	99.39
LP00253	2.42	0.11	1.39	7.2	0.66	117.19	140.89
LP00254	0.27	0.09	0.53	3.9	0.72	12.61	15.16
LP00255	1.74	0.09	0.78	6	0.65	103.26	124.14
LP00256	37.7	0.56	5.35	30.1	3.61	209.69	252.09
LP00257	3.05	0.28	1.65	16.5	1.72	145.9	175.40
LP00258	1.64	0.07	0.79	4.6	0.46	47.54	57.15
LP00259	7.86	0.23	3.1	13.2	1.49	151.21	181.78
LP00260	4.26	0.11	1.25	7.5	0.83	64.66	77.73
LP00261	2.94	0.19	1.27	11.1	1.2	119.82	144.05
LP00262	1.39	0.07	0.79	4.2	0.53	44.85	53.92

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SAMPLE UNITS	Th ppm	Tm ppm	U ppm	Y ppm	Yb ppm	TREE ppm	TREO ppm
LP00263	8.12	0.26	2.01	15.3	1.52	153.67	184.74
LP00264	10.5	0.82	2.2	52.9	4.84	435.87	524.00
LP00265	2.74	0.45	1.8	26.3	2.6	159.64	191.92
LP00266	3.93	0.17	1.71	11.9	1.28	98.44	118.34
LP00267	1.23	0.16	1.16	8.4	1.05	56.5	67.92
LP00268	4.35	0.1	1.95	7.3	0.53	82.26	98.89
LP00269	7.32	0.39	2.54	22.2	2.24	215.12	258.62
LP00270	1.37	0.06	0.74	3	0.39	57.37	68.97
LP00271	2.21	0.16	1.2	8.9	1.12	89.35	107.42
LP00272	1.46	0.09	1.14	5.6	0.54	85.37	102.63
LP00273	1.96	0.1	1.04	6.1	0.61	101.33	121.82
LP00274	1.44	0.18	2.17	9	1.45	43.31	52.07
LP00275	1.78	0.09	1.32	5.8	0.61	91.86	110.43
LP00276	4.48	0.12	1.91	7.8	0.78	105.62	126.98
LP00277	1.67	0.08	1.11	5.4	0.61	57.01	68.54
LP00278	2.72	0.08	1.18	5.5	0.55	97.72	117.48
LP00279	2.64	0.06	1.74	4.1	0.41	80.86	97.21
LP00280	3.8	0.07	1.59	3.9	0.34	71.91	86.45
LP00281	23.2	0.24	1.89	15.3	1.49	243.97	293.30
LP00282	2.27	0.14	0.98	7.2	0.86	46.94	56.43
LP00283	5.77	0.17	2.18	9.6	1.25	154.37	185.58
LP00284	4.82	0.36	1.01	25.9	2.22	271.11	325.93
LP00285	2.28	0.63	0.72	44.4	3.79	445.62	535.72
LP00286	2.88	0.54	0.99	40.9	3.15	349.18	419.78
LP00287	2.87	0.44	0.82	31.6	2.66	302.03	363.10
LP00288	7.42	0.22	1.18	15.1	1.28	177.23	213.07
LP00289	3.75	0.68	0.8	51.6	3.93	571.36	686.89
LP00290	1.41	0.11	0.98	6.9	0.75	72.44	87.09
LP00291	5.34	0.07	2.17	4.4	0.47	158.78	190.89
LP00292	4.76	0.08	1.66	5.4	0.54	106.45	127.97
LP00293	11	0.17	2.09	11.4	1.13	173.41	208.47
LP00294	2.16	0.06	2.6	4.5	0.37	113.76	136.76
LP00295	1.02	0.48	2.37	28.1	3.74	50.77	61.04
LP00296	1.9	0.08	1.04	5.7	0.51	104.12	125.17
LP00297	3.53	0.08	1.34	5	0.53	81.25	97.68
LP00298	5.08	0.1	2.19	7.3	0.75	99.87	120.06

La Paz Surface Mapping and Geochemical Sampling
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SAMPLE UNITS	Th ppm	Tm ppm	U ppm	Y ppm	Yb ppm	TREE ppm	TREO ppm
LP00299	6.51	0.12	1.01	9.2	0.74	112.26	134.96
LP00300	5.15	0.34	0.91	23.4	2.07	269.37	323.84
LP00301	3.54	0.19	0.88	15.2	1.33	157.82	189.73
LP00302	3.8	0.4	1.04	28.1	2.53	224.41	269.79
LP00303	8.65	0.76	1.56	55.6	4.56	554.74	666.91
LP00304	4.84	0.32	0.9	19.7	1.97	213.12	256.21
LP00305	11.2	0.82	2	56.7	4.91	506.91	609.41
LP00306	4.01	0.33	1.06	23.6	2.35	202.9	243.93
LP00307	6.42	0.7	1.18	52.9	4.21	508.22	610.98
LP00308	3.25	0.12	0.63	8	0.81	149.91	180.22
LP00309	7.18	0.86	1.02	61.2	5.23	553.9	665.90
LP00310	5.29	0.52	0.96	34.1	3.17	307.94	370.21
LP00311	4.69	0.16	0.95	12.7	1.12	189.74	228.11
LP00312	4.26	0.18	0.92	12.6	1.06	163.74	196.85
LP00313	3.4	0.25	0.7	17.1	1.56	171.03	205.61
LP00314	6.93	0.62	1	45.4	3.7	454.32	546.18
LP00315	1.67	0.31	0.57	21	2.05	137.5	165.30
LP00316	6.07	0.19	1.44	13.6	1.23	146.68	176.34
LP00317	8.65	0.17	2.3	11.3	1.07	142.38	171.17
LP00318	6.63	0.16	2.25	11	0.9	128.41	154.37
LP00319	4.24	0.29	1.1	23.1	1.99	250.69	301.38
LP00320	4.2	0.16	0.67	11.4	1.03	136.85	164.52
LP00321	4.54	0.15	0.77	10.6	0.85	134.64	161.86
LP00322	4.48	0.14	0.77	11	0.94	137.23	164.98
LP00323	4.25	0.14	0.86	11.2	1	133.73	160.77
LP00324	4.96	0.09	1.42	8	0.73	96.86	116.45
LP00325	4.35	0.13	0.81	11.2	1.02	133.3	160.25
LP00326	5.59	0.12	1.33	9.8	0.95	123.55	148.53
LP00327	3.99	0.15	0.76	10.2	1	101.51	122.04
LP00328	1.64	0.26	0.51	20.8	1.89	131.64	158.26
LP00329	5.44	1.02	0.71	68.4	6.35	520.24	625.43
LP00330	4.49	0.17	0.83	10.6	0.96	138.94	167.03
LP00331	4.13	0.13	0.95	9.5	0.78	124.46	149.63
LP00332	7.59	0.11	2.5	7.9	0.78	94.66	113.80
LP00333	4.18	0.14	0.75	9.8	0.78	137.98	165.88
LP00334	3.95	0.12	1.11	9	0.9	106.99	128.62

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SAMPLE UNITS	Th ppm	Tm ppm	U ppm	Y ppm	Yb ppm	TREE ppm	TREO ppm
LP00335	5.92	0.47	1.2	33.2	2.91	317.69	381.93
LP00336	6.12	0.18	1.34	12.6	1.22	151.22	181.80
LP00337	8.38	0.62	1.61	44.7	3.74	445.47	535.54
LP00338	5.98	0.14	1.21	9.8	0.89	132.04	158.74
LP00339	9.31	0.77	1.26	57.8	4.87	620.69	746.19
LP00340	7.09	0.78	1.29	56	4.74	567.82	682.63
LP00341	4.16	0.19	1.11	13.4	1.2	151.16	181.72
LP00342	5.11	1.04	0.82	73.3	6.41	657.8	790.81
LP00343	13.55	0.74	1.35	54	4.48	538.24	647.07
LP00344	9.8	0.17	1.69	11.7	0.97	150.4	180.81
LP00345	6.49	0.53	1.09	37.2	3.28	371.57	446.70
LP00346	9.56	0.12	1.45	9.5	0.74	134.2	161.34
LP00347	7.14	0.32	1.4	25.8	2.18	261.69	314.60
LP00348	7.15	0.23	1.07	16.8	1.29	256.91	308.86
LP00349	5.18	0.58	0.92	38.4	3.63	284.07	341.51
LP00350	6.98	0.84	1.22	61.7	5.1	604.02	726.15
LP00351	4.81	0.17	0.6	13.2	1	176.28	211.92
LP00352	7.48	0.64	1.4	44	3.96	462.7	556.26
LP00353	6.95	0.68	1.09	43.2	3.98	393.66	473.26
LP00354	2.92	0.21	0.84	14.1	1.21	133.23	160.17
LP00355	12.3	0.71	1.37	49.6	4.5	550.95	662.35
LP00356	4.98	0.32	1.01	16.3	1.8	140.51	168.92
LP00357	4.09	0.68	0.75	48.4	4.2	440.94	530.10
LP00358	6.07	0.32	1.27	24.7	2.01	260.18	312.79
LP00359	4.98	0.7	1.14	49.5	4.52	447.12	537.53
LP00360	5.28	0.63	1.01	44.7	4.17	367.96	442.36
LP00361	2.41	0.11	0.71	8.5	0.7	101.34	121.83
LP00362	7.49	0.23	2.48	16.4	1.39	151.03	181.57
LP00363	4.18	0.15	1.31	8.9	1.02	96.9	116.49
LP00364	7.96	0.78	1.58	55.9	4.74	562.34	676.05
LP00365	6.82	0.11	2.1	8.7	0.87	109.22	131.30
LP00366	3.43	0.13	0.92	8.9	0.76	117.96	141.81
LP00367	6.92	0.83	1.29	60	5.06	558.04	670.88
LP00368	6.69	0.25	1.76	14	1.79	117.46	141.21
LP00369	2.99	0.1	0.66	5.8	0.6	92.19	110.83
LP00370	3.76	0.91	0.52	61.2	5.56	478.98	575.83

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SAMPLE	Th	Tm	U	Y	Yb	TREE	TREO
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LP00371	6.38	0.64	1.51	45.6	3.98	458.95	551.75
LP00372	4.28	0.11	0.99	6.2	0.68	75.67	90.97
LP00373	14.4	0.08	1.78	5.7	0.51	240.44	289.06
LP00374	3.26	0.14	0.78	9	0.79	108.31	130.21
LP00375	7.14	0.2	0.98	14.3	1.33	295.68	355.47
LP00376	5.91	0.16	0.51	10.7	1.06	237.9	286.00
LP00377	13.75	0.47	1.59	31.6	2.88	405.3	487.25
LP00378	4.87	0.07	0.8	4.6	0.49	106.44	127.96
LP00379	4.54	0.12	1.54	7.8	0.69	91.21	109.65
LP00380	4.2	0.1	1.4	7.4	0.78	91.74	110.29
LP00381	6.47	0.24	1.47	16.9	1.58	184.04	221.25
LP00382	6.51	0.21	3.34	13.7	1.37	153.12	184.08
LP00383	3.5	0.11	1.11	7.8	0.69	86.2	103.63
LP00384	5.75	0.81	0.77	54.3	5.01	448.01	538.60
LP00385	3.29	0.08	1.13	5.7	0.54	104.1	125.15
LP00386	3.36	0.05	0.62	3.6	0.44	66.78	80.28
LP00387	5.94	0.22	1.03	16.8	1.42	233.24	280.40
LP00388	3.02	0.1	0.62	8.3	0.66	96.89	116.48
LP00389	4.66	0.11	1.19	8.3	0.8	99.96	120.17
LP00390	7.18	0.2	1.14	14.2	1.23	286.13	343.99
LP00391	5.55	0.12	1.33	7.7	0.96	85.51	102.80
LP00392	3.5	0.1	0.67	7.4	0.76	83.97	100.95
LP00393	6.31	0.16	1.69	10.1	1.03	115.81	139.23
LP00394	6.64	0.16	1.55	10.6	1.06	106.44	127.96
LP00395	2.89	0.89	0.63	61.2	5.53	489.12	588.02
LP00396	6.76	0.57	1.04	42.2	3.65	432.61	520.08
LP00397	3.36	0.25	0.59	16	1.45	177.85	213.81
LP00398	6.73	0.2	1.49	13.4	1.26	166.42	200.07
LP00399	2.19	0.06	0.42	4.4	0.43	78.8	94.73
LP00400	5.92	0.11	1.74	8.1	0.81	101.58	122.12
LP00401	0.35	0.07	0.22	5.4	0.53	39.44	47.41
LP00402	4.48	0.34	1.83	20.4	2.04	97.34	117.02
LP00403	9.55	0.16	1.9	8.8	1.12	56.37	67.77
LP00404	9.62	0.82	1.4	55.3	5.03	552.3	663.98
LP00405	9.74	0.84	1.22	56.7	4.95	591.24	710.79
LP00406	43.9	0.72	5.74	43	4.66	436.32	524.54

La Paz Surface Mapping and Geochemical Sampling
Rare Earth Elements
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SAMPLE UNITS	Th ppm	Tm ppm	U ppm	Y ppm	Yb ppm	TREE ppm	TREO ppm
LP00407	9.71	0.23	2.91	15.5	1.41	76.18	91.58
LP00408	3.47	0.22	0.84	15.3	1.4	141.31	169.88
LP00409	2.36	0.28	0.86	18.6	1.79	151.82	182.52
LP00410	2.49	0.33	0.55	20.7	2.21	109.1	131.16
LP00411	6.37	0.34	1.53	22.4	2.27	214.04	257.32
LP00412	4.7	0.2	0.86	14.3	1.14	176.48	212.16
LP00413	2.13	0.14	1.14	8.7	0.96	44.8	53.86
LP00414	2.26	0.15	0.67	8.6	0.88	94.43	113.52
LP00415	6.01	0.11	0.82	8.3	0.69	166.07	199.65
LP00416	1.79	0.22	0.37	13.2	1.3	92.68	111.42
LP00417	2.04	0.2	0.47	12.9	1.16	116.69	140.28
LP00418	4.35	0.13	0.74	9.2	0.81	131.47	158.05
LP00419	4.49	0.13	0.72	9.6	0.85	139.77	168.03
LP00420	4.12	0.13	0.78	9.5	0.88	125.15	150.46
LP00421	4.3	0.14	0.69	9.3	0.89	126.37	151.92
LP00422	1.17	0.22	0.26	14.1	1.37	74.37	89.41
LP00423	4.22	0.15	0.74	10.2	0.92	132.78	159.63
LP00424	6.24	0.21	1.53	13.4	1.24	165.25	198.66
LP00425	4.03	0.18	1.16	11.9	1.14	131.98	158.67
LP00426	7.73	0.15	1.36	8.1	1.09	177.59	213.50
LP00427	5.84	0.34	1.13	24.1	1.84	272.45	327.54
LP00428	8.86	0.23	2.44	13.6	1.5	155.27	186.67
LP00429	7.71	0.06	1.37	3.6	0.45	48.34	58.11
LP00430	5.4	0.18	0.97	14.1	1.13	166.88	200.62
LP00431	6.42	0.21	1.31	13.8	1.26	155.9	187.42
LP00432	6.41	0.13	1.93	7	0.78	63.59	76.45
LP00433	7.2	0.13	1.57	8.7	0.96	110.91	133.34
LP00434	6.46	0.18	1.31	11.8	1.12	144.83	174.11
LP00435	8.25	0.2	2.63	12.2	1.29	139.99	168.30
LP00436	8.84	0.19	1.75	11.8	1.3	136.35	163.92
LP00437	7.77	0.11	1.33	6.8	0.75	84.88	102.04
LP00438	5.62	0.48	2.54	32.3	3.19	240.64	289.30
LP00439	4.49	0.09	1.41	6.7	0.68	83.75	100.68
LP00440	3.08	0.24	1.06	17	1.68	148.28	178.26
LP00441	1.68	0.25	0.46	16.6	1.48	147.78	177.66
LP00442	3.99	0.12	1.08	9.9	0.84	137.52	165.33

La Paz Surface Mapping and Geochemical Sampling
Rare Earth Elements
March 2022

SAMPLE UNITS	Th ppm	Tm ppm	U ppm	Y ppm	Yb ppm	TREE ppm	TREO ppm
LP00443	4.52	0.28	1.48	20.2	1.78	167.74	201.66
LP00444	6.95	0.48	1.18	31.8	2.94	357.94	430.32
LP00445	6.54	0.23	1.47	14.1	1.31	154.56	185.81
LP00446	8	0.83	1.24	61.6	5.14	630.24	757.67
LP00447	9.61	0.68	0.96	48.5	4.28	476.4	572.73
LP00448	10.25	0.89	1.68	63.6	5.55	606.97	729.70
LP00449	3.54	0.18	0.93	11	1.09	127.83	153.68
LP00450	7.17	0.18	1.92	12.1	1.22	149.45	179.67
LP00451	8.96	0.17	2.19	11.3	1.1	136.01	163.51
LP00452	6.16	0.18	1.3	12.2	1.14	134.23	161.37
LP00453	9.84	0.17	2.61	11.5	1.21	134.89	162.16
LP00454	7.57	0.14	1.51	9.5	1.04	114.87	138.10
LP00455	7.1	0.14	1.55	9.5	1	107.6	129.36
LP00456	6.05	0.13	1.32	8.5	0.99	85.79	103.14
LP00457	7.22	0.16	1.89	11	1.14	125.89	151.34
LP00458	4	0.12	0.94	8.7	0.89	99.41	119.51
LP00459	7.97	0.17	1.65	12.6	1.21	160.67	193.16
LP00460	5.19	0.18	1.04	14.4	1.2	165.91	199.46
LP00461	2.33	0.35	0.82	23.3	2.08	197.63	237.59
LP00462	26.5	0.63	1.9	47.5	3.84	714	858.37
LP00463	4.03	0.76	0.95	51.5	4.66	398.54	479.12
LP00464	4.49	0.18	1.2	13.2	1.24	182.3	219.16
LP00465	9.57	0.81	1.05	57.9	4.69	613.33	737.35
LP00466	10.4	0.16	2.82	10.6	1.09	134.25	161.40
LP00467	3.23	0.53	0.88	40.5	3.38	402.95	484.43
LP00468	7.1	0.13	1.9	9.8	0.99	107.45	129.18
LP00469	6.53	0.14	1.98	9.3	0.98	108.7	130.68
LP00470	9.07	1.07	1.86	77.6	6.35	640.11	769.54

Appendix D – Summary of Element Sample Analyses

La Paz Surface Mapping and Geochemical Sampling
Element Assay Results
March 2022

SAMPLE	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho	La	Lu
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LP00119	3720	119.5	50	12.05	5.51	3.22	1.37	13.7	6.02	7	1.13	55.8	0.44
LP00120	4470	54.4	20	6.03	3.54	2.21	0.87	10.2	4.08	6	0.75	30.4	0.33
LP00121	1255	53.6	10	0.79	2.14	1.31	0.81	22	2.64	4.6	0.44	25.7	0.24
LP00122	2580	187	10	1.36	10	5.14	3.68	22.1	12.95	13.8	1.92	78.6	0.61
LP00123	1280	120.5	10	0.82	5.9	3.51	1.09	19.9	6.06	6.6	1.15	58.1	0.54
LP00124	1135	36.6	10	0.68	0.94	0.52	0.5	19.9	1.37	3.5	0.21	19.1	0.1
LP00125	1820	58.3	10	0.45	1.76	1.12	0.83	17.8	1.97	3.8	0.36	31.3	0.18
LP00126	1565	10.1	10	0.26	0.54	0.33	0.31	15.5	0.72	2.8	0.12	5.1	0.07
LP00127	2010	56.4	20	11.45	3.84	2.18	0.93	10.7	4.21	6.4	0.79	28.3	0.32
LP00128	2260	40.8	40	1.27	2.2	1.37	0.67	8.5	2.7	5.2	0.45	22.9	0.22
LP00129	408	38.5	40	0.61	3.1	1.81	0.71	5.6	3.27	5	0.62	19.1	0.27
LP00130	526	11.2	20	0.15	0.99	0.72	0.27	3.8	1	4.6	0.21	6.9	0.16
LP00131	1615	24.3	10	0.55	1.38	0.96	0.49	18.5	1.59	2.3	0.33	12.2	0.18
LP00132	803	26.3	10	0.5	3.26	1.79	0.27	21.1	2.85	2.6	0.64	12.6	0.24
LP00133	693	16.3	10	0.82	2.72	1.93	0.44	27.7	2.05	3.2	0.61	8.1	0.38
LP00134	1660	42.2	10	0.47	0.99	0.59	0.51	19.2	1.48	4.6	0.19	21.8	0.13
LP00135	2250	9.4	10	0.44	0.76	0.57	0.24	13	0.84	2.2	0.15	4.9	0.12
LP00136	1435	26.6	10	0.45	0.97	0.7	0.45	18.4	1.32	2.7	0.23	13.7	0.15
LP00137	2430	44.8	10	0.62	1.47	1.12	0.74	18.9	1.91	4.2	0.33	22.7	0.21
LP00138	1060	21.9	20	0.66	0.96	0.62	0.49	13.1	1.42	2.6	0.19	10.8	0.09
LP00139	1625	35	10	0.22	1.32	0.84	0.41	14.6	1.58	3.3	0.29	17.6	0.15
LP00140	1100	187	10	0.62	9.82	5.5	2.5	19.8	11.45	10.1	1.98	80	0.8
LP00141	537	147	10	0.08	8.31	4.05	2.57	18.4	10.45	11.6	1.58	62.2	0.5
LP00142	1765	36.8	10	0.64	0.87	0.29	0.78	21.8	2.05	3.5	0.13	17.8	0.05
LP00143	1650	27.3	10	0.69	1.25	0.85	0.54	22.5	1.48	3.6	0.27	13.2	0.17
LP00144	1625	44.8	20	0.39	1.54	1.05	0.57	15.4	2.15	3.9	0.32	23.4	0.15
LP00145	1270	168.5	10	1.77	10.5	5.7	2.98	20.2	12	11.8	1.99	70.5	0.69
LP00146	1445	150	10	0.71	9.76	5.59	2.83	19.8	11.6	9.9	1.98	67.1	0.63
LP00147	249	19.5	170	0.82	3.22	1.87	1.37	18	3.75	1.5	0.66	8.5	0.21
LP00148	921	28.9	10	0.52	1.34	0.92	1.4	16	1.48	4	0.27	18.7	0.16
LP00149	2020	155.5	10	1.25	11.2	6.36	2.99	20.6	12.9	12.7	2.27	65.2	0.71
LP00150	2060	51.5	10	0.71	1.08	0.57	0.83	15.9	1.74	3	0.21	28.9	0.1
LP00151	2180	47.8	20	0.82	1.08	0.65	0.69	15.6	1.72	3.1	0.23	26.9	0.1
LP00152	2260	104	10	0.63	3.24	1.77	1.28	14.9	4	4.1	0.59	59.4	0.2
LP00153	1500	186.5	10	1.34	11.5	6.57	3.11	22.3	13.45	12.6	2.28	78.9	0.86

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SAMPLE	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho	La	Lu
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LP00154	1540	173.5	10	1.04	10.95	6.31	2.84	21.3	12.45	11.4	2.18	75	0.76
LP00155	1280	61.7	30	0.72	1.99	1.1	0.99	18	2.49	3.2	0.38	34.3	0.15
LP00156	3550	51.1	40	1.34	2.48	1.49	0.69	9.4	3.05	5.4	0.49	25	0.22
LP00157	3360	124.5	40	1.03	6.91	3.8	2.08	8.9	8.56	8.4	1.37	47.4	0.48
LP00158	1775	59.4	10	0.55	3.44	2.28	1.25	18.7	3.67	5.1	0.74	30.3	0.36
LP00159	2270	35.5	20	0.33	1.32	0.83	0.68	18	1.91	4	0.25	17.8	0.13
LP00160	2020	180.5	20	0.28	8.75	4.71	3.68	21.3	11.2	14.9	1.73	75.1	0.56
LP00161	1905	172	20	0.78	11.1	6.21	3.28	21.6	12.6	11.5	2.15	73.7	0.77
LP00162	3310	42.1	30	0.57	0.87	0.48	0.62	16.2	1.18	2.4	0.15	26.9	0.08
LP00163	1565	185.5	10	1.22	11.8	6.37	3.05	21.6	13.4	13.1	2.27	79.5	0.77
LP00164	772	105.5	10	0.71	6.11	3.41	2.31	21.3	7.7	5.6	1.17	46.7	0.45
LP00165	1445	188	20	0.48	10.8	5.72	2.64	19.6	13.1	11.8	2.18	72.8	0.66
LP00166	1920	236	20	1	12.9	6.96	3.31	22	16.25	16.6	2.53	93.4	0.81
LP00167	2770	51.3	20	0.4	1.33	0.86	0.8	17.9	1.86	4.2	0.29	29.6	0.15
LP00168	164.5	17.9	10	1.44	3.16	1.71	0.21	22.7	3.12	3.4	0.63	8.2	0.24
LP00169	1555	25.7	20	0.33	1.23	0.74	0.54	19.7	1.6	2.9	0.25	12.4	0.14
LP00170	1470	45.2	20	1.21	1.34	0.76	0.77	20.4	2.01	4	0.24	23	0.11
LP00171	2200	38.3	10	0.34	1	0.55	0.74	22.1	1.88	5.6	0.17	18.7	0.08
LP00172	1730	45.8	20	0.7	1.24	0.79	0.91	25.1	2.21	4.3	0.21	22.2	0.12
LP00173	1915	45.1	30	0.62	1.7	1.09	0.87	21.8	2.34	5.6	0.37	21.8	0.22
LP00174	1310	57.3	20	0.53	2.52	1.7	1.04	27.7	3.15	4.3	0.51	27.4	0.31
LP00175	1065	27.2	20	0.48	1.77	1.13	0.52	15.4	2	3.6	0.35	12.8	0.16
LP00176	1770	51.6	20	0.74	1.49	0.95	0.51	20.4	1.92	3.8	0.32	27.6	0.15
LP00177	1460	30.4	30	0.6	1.43	0.95	0.52	19.6	1.94	3.1	0.32	15.7	0.14
LP00178	1885	51.4	20	0.53	1.18	0.75	0.67	21.2	2.02	4.1	0.24	27.7	0.14
LP00179	1600	32.6	20	0.64	1.25	0.8	0.59	20.7	2.09	4.1	0.27	16.9	0.14
LP00180	513	127	20	0.09	6.97	3.61	2.58	25.1	9.04	10.4	1.31	59.7	0.44
LP00181	1920	42.1	20	0.46	1.26	0.7	0.8	22.1	2.1	4.1	0.23	21.2	0.12
LP00182	1355	9.6	30	0.24	0.49	0.3	0.27	14.8	0.71	5	0.1	4.8	0.09
LP00183	654	84.5	40	0.31	3.17	2.22	0.54	11.9	3.09	5.5	0.69	49	0.35
LP00184	1385	20.3	20	0.4	1.5	0.96	0.55	17.3	1.79	2.4	0.32	10.6	0.16
LP00185	257	80.6	10	0.24	5.8	3.69	1.61	16	6.04	9.3	1.22	38.4	0.54
LP00186	306	160.5	40	0.26	9.2	5.08	2.92	25.8	11.25	11.5	1.78	74.2	0.64
LP00187	2290	17.4	20	0.44	1.2	0.7	0.32	15.9	1.2	2.4	0.24	9	0.11
LP00188	1785	68	30	0.14	2.86	1.54	0.93	16.9	3.66	4.5	0.54	37.6	0.21

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SAMPLE	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho	La	Lu
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LP00189	390	186.5	30	0.07	8.6	4.71	2.67	18.8	11.85	12.9	1.72	80	0.56
LP00190	2130	59.9	30	0.41	2.22	1.47	1.03	19.1	3.05	5	0.42	30.2	0.26
LP00191	1740	18	30	0.24	0.57	0.23	0.38	18.5	1.1	3.5	0.09	9	0.05
LP00192	897	42.1	30	0.24	2.27	1.31	0.72	17.3	2.85	6.3	0.46	21.4	0.18
LP00193	1790	113.5	20	0.79	5.58	2.7	1.67	19.9	7.57	7.3	1.06	58.3	0.29
LP00194	1260	56.7	20	0.24	2.45	1.52	0.72	15.8	2.9	4.2	0.5	30.1	0.25
LP00195	846	87.3	20	0.24	4.76	2.76	1.21	10.9	5.44	5.9	0.95	41.1	0.48
LP00196	502	40.8	30	0.15	1.95	1.08	0.66	22.9	2.24	2.8	0.36	22.6	0.15
LP00197	2430	60.5	20	0.3	3.12	1.92	0.84	14.8	3.6	4.3	0.64	32.1	0.27
LP00198	1685	34	20	0.2	1.05	0.65	0.28	13.7	1.32	3.5	0.21	18.2	0.12
LP00199	1935	56.8	20	0.58	1.96	1.14	0.74	16.4	2.48	4.4	0.4	31.3	0.17
LP00200	1810	193.5	30	0.66	10.5	5.48	2.64	18.9	13.05	11.6	2.03	81.2	0.62
LP00201	1685	210	30	0.43	10.55	5.62	2.94	20	13.35	15	2.01	83.2	0.69
LP00202	2400	60.6	30	0.34	2.21	1.26	0.77	15.3	2.84	4	0.42	33.2	0.15
LP00203	1835	54	30	0.2	2.02	1.11	0.69	14.4	2.4	3.8	0.4	29.2	0.16
LP00204	1950	52.9	20	0.31	2.17	1.18	0.63	15	2.69	3.7	0.41	28.7	0.15
LP00205	1985	51.5	20	0.32	2.01	1.2	0.71	16	2.42	4.2	0.41	28.7	0.18
LP00206	2490	78	40	2.21	3.56	1.9	1.15	17.7	4.74	5.1	0.67	41.1	0.21
LP00207	2060	110.5	20	0.58	2.58	1.38	1.23	22.1	3.65	6.6	0.48	64.2	0.2
LP00208	1920	204	40	0.65	10.2	5.3	2.86	19.7	13.15	12.8	1.95	87.1	0.68
LP00209	1920	195.5	30	0.51	9.72	5.29	2.64	19.6	12.85	13.3	1.89	82.7	0.66
LP00210	2240	104	40	0.7	2.84	1.37	1.25	21.1	4.26	6.8	0.52	60.7	0.19
LP00211	1985	40	20	0.46	1.69	1.04	0.96	22.8	2.39	5.2	0.33	21.1	0.18
LP00212	884	31.2	20	0.54	1.56	0.92	0.53	16.7	1.78	3.1	0.3	17.2	0.16
LP00213	336	97.3	10	0.1	6.77	3.92	1.74	16.2	6.72	6.8	1.38	45.5	0.57
LP00214	876	66.7	10	0.1	2.51	1.25	0.97	11.5	3.31	4.4	0.43	31.4	0.13
LP00215	426	24.4	30	0.84	2.6	1.59	0.59	4.7	2.52	7.3	0.55	14.7	0.27
LP00216	1805	107	30	0.6	4.14	1.72	1.64	20.4	5.73	6.6	0.67	60.4	0.19
LP00217	723	89.4	30	0.67	4.99	2.98	0.88	13	4.93	4.6	1.01	47.5	0.45
LP00218	2070	67.7	30	0.8	3.61	1.95	1.24	17.4	4.1	4.3	0.68	35.9	0.26
LP00219	466	39.5	10	0.11	1.8	0.94	0.75	18.5	2.22	3.4	0.35	21.9	0.12
LP00220	884	36.8	10	0.11	1.92	1.01	0.73	15.9	2.38	2.8	0.36	21.3	0.14
LP00221	870	45.8	10	0.1	1.48	0.97	0.71	17.7	1.69	2.9	0.31	24.2	0.14
LP00222	1200	43.3	30	0.45	1.73	0.94	0.63	14.9	1.9	3.3	0.33	24.4	0.18
LP00223	1400	57	20	0.61	2.31	1.38	0.92	18.8	2.84	3.8	0.44	30.8	0.19

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SAMPLE	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho	La	Lu
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LP00224	1310	24.2	20	0.19	1.06	0.68	0.32	12.7	1.11	3.1	0.22	13.9	0.14
LP00225	1530	46.9	30	0.57	1.84	0.97	0.95	20	2.5	4.9	0.34	26.3	0.14
LP00226	1300	40.4	20	0.87	1.25	0.83	0.46	14.9	1.63	3.6	0.25	24.2	0.15
LP00227	110	16.6	40	0.06	1.26	0.79	0.34	1	1.4	11	0.26	9.7	0.17
LP00228	1585	60.2	20	1.04	2.48	1.49	0.8	15.8	2.83	4.3	0.49	34	0.22
LP00229	1450	71.1	20	0.57	3.62	2.18	1.24	17.6	4.04	4.8	0.77	38.7	0.27
LP00230	2470	215	30	0.87	12.05	6.17	3.52	21.1	14.95	14	2.31	97.5	0.72
LP00231	1705	51.3	20	0.47	1.77	1.05	0.72	17	2.19	5.1	0.34	29	0.15
LP00232	315	43	10	0.06	2.26	1.23	0.89	21.1	2.78	4.3	0.45	22.9	0.18
LP00233	1460	46	10	0.72	2.3	1.24	1.05	21.2	2.91	4	0.43	24.2	0.18
LP00234	2950	71.7	10	0.83	1.19	0.68	0.87	21.3	1.85	5	0.22	42.2	0.13
LP00235	1845	54.3	30	0.67	2.48	1.28	0.93	17.7	3.25	4.3	0.51	29.1	0.18
LP00236	1145	56.8	20	0.11	2.36	1.43	0.9	16.9	2.86	4.4	0.52	31.7	0.22
LP00237	1600	53.3	30	0.44	2.09	1.07	0.66	16.4	2.49	4.1	0.42	30.1	0.18
LP00238	1365	40.4	20	0.32	1.29	0.73	0.46	14.7	1.43	3.5	0.27	24	0.15
LP00239	1205	38.4	10	0.69	1.75	1.15	0.51	15.7	1.95	3.6	0.34	21.3	0.19
LP00240	749	76.5	10	0.58	4.72	2.82	0.79	12.8	4.48	3.7	0.91	39.7	0.4
LP00241	1335	125.5	20	1.23	3.06	1.49	1.45	23	4.07	7.2	0.57	75.2	0.22
LP00242	660	52.9	20	0.26	2.18	1.25	0.71	16.8	2.31	3.9	0.42	31.6	0.2
LP00243	1100	61.2	10	0.48	3.06	1.49	1.28	21.3	3.94	5.6	0.6	33.9	0.22
LP00244	2670	68.7	10	0.74	2.29	1.4	0.8	19.1	2.55	4.6	0.46	39.3	0.21
LP00245	244	225	10	0.05	12.8	6.83	3.44	26.7	15.8	15.3	2.51	98.6	0.8
LP00246	284	160	10	0.09	8.66	4.4	2.45	23.4	10.6	9.7	1.6	77	0.51
LP00247	696	19.5	10	0.26	1.73	1.06	0.46	14.3	1.71	2.7	0.35	9	0.14
LP00248	101.5	41.5	10	0.06	2.51	1.35	1.08	31.1	3.16	3.5	0.49	21.7	0.17
LP00249	2130	211	20	0.35	11.1	5.82	2.88	21.8	14.35	13.4	2.2	85.5	0.7
LP00250	1000	22.8	10	0.45	0.96	0.63	0.34	20	1.22	2.6	0.19	12.5	0.11
LP00251	493	34.4	10	0.06	1.36	0.76	0.65	20.6	1.77	3.4	0.24	18.8	0.1
LP00252	1470	30.1	20	0.59	1.2	0.82	0.67	20	1.82	3.8	0.25	14.8	0.13
LP00253	1835	45.5	10	0.63	1.35	0.74	0.96	22.6	2.48	4.4	0.25	22.5	0.12
LP00254	340	1.7	10	0.35	0.54	0.47	0.16	10.8	0.39	1.1	0.13	1.5	0.13
LP00255	1875	41.1	10	0.28	1.06	0.6	0.9	22	2.04	5.6	0.21	19.8	0.1
LP00256	389	56.3	20	0.38	4.94	3.36	0.37	12	4.54	3.4	1.05	25.8	0.54
LP00257	1820	51.4	10	0.5	2.81	1.88	1.22	20.1	3.31	5.3	0.58	25	0.25
LP00258	2500	16.8	20	0.43	1.01	0.48	0.42	15.2	1.36	2	0.18	8.3	0.08

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SAMPLE	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho	La	Lu
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LP00259	2010	56.7	20	0.46	2.26	1.48	0.81	19.7	2.31	4.5	0.44	30.1	0.24
LP00260	977	22	20	0.34	1.15	0.76	0.37	17.6	1.44	3.3	0.25	11.4	0.12
LP00261	1445	43.7	10	0.54	1.84	1.18	0.97	20.4	2.57	4.3	0.38	21.5	0.19
LP00262	1135	16.4	20	0.19	0.71	0.46	0.39	17.7	0.98	3.1	0.15	8.2	0.07
LP00263	3860	57.6	80	5.57	2.91	1.79	0.95	13.3	3.53	4.3	0.58	25.3	0.25
LP00264	2360	167	30	0.3	10.5	5.92	2.05	18.6	11.9	10.1	2.06	62.1	0.73
LP00265	458	49.9	20	0.17	4.51	2.95	1.28	19.6	4.71	3.4	0.97	26.2	0.38
LP00266	1165	33	10	0.54	1.95	1.18	0.66	18.4	2.49	3.6	0.41	16.6	0.19
LP00267	1110	17.9	10	0.33	1.35	1	0.55	19.2	1.54	1.9	0.28	8.7	0.15
LP00268	843	28.5	10	0.08	1.21	0.66	0.58	18.4	1.66	2.7	0.25	17.2	0.09
LP00269	1710	78.1	20	1.02	4.22	2.49	1.3	22.7	5.04	5.6	0.81	37.3	0.33
LP00270	2150	23.4	10	0.37	0.57	0.32	0.45	18.3	0.97	3.6	0.1	11.6	0.06
LP00271	2040	32.4	10	0.6	1.37	0.88	0.66	21.1	1.8	4.5	0.3	15.8	0.16
LP00272	1815	32.9	10	0.45	1.02	0.47	0.75	20.9	1.86	4.8	0.16	15.6	0.1
LP00273	1985	40.1	10	0.42	1.02	0.57	0.88	22.4	1.94	5.6	0.21	19.4	0.1
LP00274	663	11	20	0.5	1.09	0.95	0.27	9.3	1.06	5.2	0.28	6	0.28
LP00275	2080	35.4	10	0.35	1.04	0.57	0.67	23.3	1.83	5	0.17	17.2	0.12
LP00276	1320	42.1	10	1.48	1.09	0.73	0.4	22.3	1.44	3.6	0.23	22.6	0.15
LP00277	2120	21.1	10	0.79	0.73	0.51	0.36	24.5	0.98	3.2	0.17	10.2	0.1
LP00278	1690	39.4	10	0.31	1.07	0.54	0.55	20.7	1.63	4.3	0.19	20.4	0.08
LP00279	1665	31.7	10	0.82	0.78	0.44	0.56	24.4	1.56	3.6	0.16	15.2	0.08
LP00280	1300	27.5	10	0.89	0.8	0.37	0.52	20.9	1.37	3.9	0.14	14.6	0.06
LP00281	1070	94.4	10	0.52	3.08	1.64	0.81	22.7	3.93	4.8	0.57	45.9	0.2
LP00282	1120	14.7	10	0.72	1.09	0.87	0.26	16.4	1.15	2.6	0.23	7.8	0.17
LP00283	1830	64.1	20	0.88	1.37	1.08	0.62	18.2	1.86	4.3	0.33	35.6	0.21
LP00284	52.9	101.5	40	0.09	5.21	2.67	2.17	19.5	7.07	7.9	1.04	48.2	0.35
LP00285	91.3	181.5	10	0.07	9.23	4.65	3.51	22.3	12	12.9	1.78	73.2	0.57
LP00286	263	127	10	0.12	8.31	4.08	2.77	16.3	10.45	10.3	1.56	58	0.47
LP00287	167.5	115.5	10	0.1	6.54	3.3	2.38	20.9	8.04	7.7	1.25	51.8	0.39
LP00288	1800	68.5	20	0.4	2.86	1.63	0.73	16	3.66	4.5	0.57	36.5	0.19
LP00289	1915	234	20	0.42	10.9	5.53	3.47	21.9	15	18.9	2.05	98.1	0.54
LP00290	1555	26.7	10	0.53	1.12	0.74	0.56	22.2	1.63	3.8	0.21	13.1	0.12
LP00291	1330	69.9	20	0.91	0.82	0.41	0.73	19.7	1.72	4	0.13	38.1	0.09
LP00292	1510	42.5	20	0.47	1.08	0.56	0.66	19	1.96	5.1	0.19	21.5	0.11
LP00293	1625	69.4	10	0.67	2.11	1.14	0.73	17.8	2.69	4.2	0.4	36.6	0.18

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SAMPLE	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho	La	Lu
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LP00294	2290	45.6	10	1.12	1.03	0.35	1.02	25.2	2.43	4.3	0.15	22.3	0.06
LP00295	359	2.4	20	0.21	3.08	2.82	0.1	25.5	1.38	4.2	0.79	1.1	0.62
LP00296	1880	41.9	10	0.32	1.05	0.58	0.83	23	1.98	5.2	0.21	20.8	0.08
LP00297	1955	31.6	10	0.75	0.92	0.51	0.57	21	1.48	3.3	0.17	16	0.08
LP00298	924	39.1	20	1.32	0.99	0.66	0.43	20.9	1.48	3.4	0.2	21.1	0.15
LP00299	2710	41.4	20	0.76	1.77	0.95	0.67	17.6	2.24	3.8	0.36	23	0.13
LP00300	961	103.5	10	0.34	4.53	2.47	1.83	23.2	6.35	7.8	0.89	53.7	0.33
LP00301	1380	58.4	20	0.22	2.94	1.68	1.22	21.7	3.44	6.4	0.56	31.8	0.2
LP00302	1410	79.5	10	0.15	5.32	3.05	1.83	21	6.27	6.5	1.08	36.5	0.4
LP00303	1555	220	20	0.13	11.25	5.93	3.16	21.9	14.65	14.2	2.15	90.7	0.7
LP00304	1285	81.1	20	0.32	3.72	2.19	1.37	21.3	4.27	8.3	0.75	45.9	0.35
LP00305	83.6	197	20	0.1	11.2	6.03	2.46	22.3	13.1	11.5	2.2	78.8	0.73
LP00306	1155	73	10	0.09	4.4	2.49	1.62	19.2	5.09	5.5	0.88	38	0.35
LP00307	1080	201	20	0.11	10.9	5.68	2.69	21.9	13.45	11.9	2.1	80.2	0.64
LP00308	2090	64.4	10	0.66	1.49	0.83	0.92	16.9	2.13	3.4	0.29	35.4	0.13
LP00309	823	218	20	0.12	12.35	6.48	2.97	20.7	14.8	12.7	2.32	85.8	0.77
LP00310	1555	113.5	10	0.64	6.45	3.62	2.33	20.5	7.77	9.1	1.36	53.7	0.48
LP00311	1180	76.9	30	0.68	2.66	1.24	1.19	22.3	3.63	6.5	0.49	42.4	0.19
LP00312	1265	63.5	20	0.52	2.72	1.25	1.09	18.7	3.51	5.2	0.51	35.2	0.17
LP00313	1490	62.9	20	0.21	3.28	1.83	1.33	19.2	4.1	5.7	0.66	33.4	0.22
LP00314	1900	181.5	10	0.52	9.23	4.73	2.69	19.9	11.4	10.8	1.76	74.7	0.56
LP00315	712	45	10	0.64	3.91	2.14	1.47	19.6	4.6	3.9	0.78	18.3	0.34
LP00316	1410	53.7	20	0.37	2.34	1.33	0.82	17.4	2.99	4.1	0.46	31.4	0.21
LP00317	1605	51.8	20	0.18	2	1.19	0.77	16.9	2.4	4.2	0.4	30.8	0.16
LP00318	1985	46.5	20	0.23	2.06	1.1	0.85	21.4	2.69	4.3	0.37	25.2	0.17
LP00319	789	94.7	30	0.25	4.44	2.22	2.06	21.3	6.5	4.3	0.77	44.1	0.31
LP00320	1765	53.7	10	0.5	2.15	0.99	0.88	23.9	2.85	4.5	0.37	27.4	0.16
LP00321	1850	53.4	10	0.59	1.88	1.01	0.79	23.6	2.66	4.4	0.34	27.6	0.12
LP00322	1760	53.7	20	0.45	2.04	0.98	0.86	23.6	2.86	4.3	0.37	28	0.15
LP00323	1775	51.8	20	0.32	2.09	0.95	0.89	22.3	2.94	4.4	0.37	26.9	0.16
LP00324	1395	36.9	20	0.34	1.38	0.67	0.6	20.7	1.87	3.6	0.25	20	0.12
LP00325	1835	52	10	0.53	2.16	0.95	0.87	23.4	2.92	4.8	0.38	26.5	0.15
LP00326	1950	48	30	0.64	1.72	0.94	0.73	21.5	2.3	4.4	0.31	26	0.15
LP00327	1580	38	20	0.33	1.72	1	0.65	19.8	2.01	3.8	0.32	20.4	0.16
LP00328	415	42	100	0.4	3.86	2.06	1.39	20.7	4.6	3.6	0.72	19	0.29

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SAMPLE	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho	La	Lu
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LP00329	1530	187.5	10	0.21	13.15	7.06	3.15	24.1	14.2	13.3	2.52	84	0.94
LP00330	1955	55.2	20	0.37	2	1.11	0.84	21.8	2.82	4.2	0.39	28.1	0.15
LP00331	1605	49.5	10	0.62	1.83	0.89	0.77	21.4	2.42	4	0.34	25	0.12
LP00332	1110	34.3	30	0.91	1.36	0.79	0.51	20.6	1.78	3.9	0.27	18.1	0.14
LP00333	1725	56.1	10	0.38	1.84	0.97	0.81	21.8	2.58	4.3	0.37	28.4	0.13
LP00334	1260	41.2	20	0.78	1.72	0.86	0.59	20.6	2.02	3.8	0.31	21.7	0.13
LP00335	830	121.5	30	0.29	6.65	3.48	2.07	18.8	7.65	8.2	1.24	54.4	0.44
LP00336	1880	58.7	20	0.37	2.38	1.27	0.88	20	2.82	4.3	0.43	30.4	0.18
LP00337	394	170.5	20	0.07	9.09	4.6	2.53	29.4	11.5	11.5	1.76	74	0.58
LP00338	1400	51.9	20	0.31	1.95	0.97	0.73	21	2.34	4.3	0.35	27.4	0.12
LP00339	358	249	20	0.49	11.8	5.88	3.6	25.4	14.65	14.4	2.19	104.5	0.71
LP00340	447	227	30	0.28	11.2	5.79	2.94	25.2	13.65	13.7	2.14	93.9	0.68
LP00341	761	58.4	20	0.41	2.59	1.31	1.02	22.3	3.07	4.8	0.48	28.9	0.19
LP00342	218	257	20	1.32	14.3	7.64	3.69	24.4	16.5	12.5	2.69	104	0.9
LP00343	548	210	10	0.39	11.05	5.84	3.12	37.9	13.55	13.5	2.04	86.9	0.69
LP00344	139.5	57.6	20	0.02	2.07	1.09	0.94	21.3	2.5	4.2	0.41	31.2	0.15
LP00345	212	143.5	50	0.18	7.66	3.87	2.02	23.9	9.28	9.9	1.41	61	0.46
LP00346	607	51.3	20	0.38	1.61	0.84	0.76	20	2.48	4.4	0.33	27.9	0.11
LP00347	1175	100	20	0.12	5.05	2.59	1.7	22.2	5.96	8.1	0.95	46.9	0.3
LP00348	301	103.5	30	0.3	3.83	1.73	1.5	23.7	5.29	6	0.63	55.1	0.22
LP00349	749	100.5	10	0.19	7.21	4.12	1.56	22.7	7.68	7.7	1.48	46	0.5
LP00350	344	238	20	0.16	12.1	6.19	3.48	24.5	14.9	18	2.28	99.4	0.8
LP00351	967	71.8	20	0.28	2.59	1.26	1.2	23.5	3.34	5.7	0.48	37.7	0.14
LP00352	827	182	20	0.21	8.67	4.65	2.48	22.2	10.8	12.4	1.65	81.9	0.58
LP00353	754	150.5	10	0.29	9.23	5.11	2.17	21.1	10.2	10.3	1.81	61.7	0.61
LP00354	1310	49.3	20	0.08	2.63	1.41	1.02	14.2	3.36	4	0.5	23.5	0.19
LP00355	832	223	20	0.06	10.05	5.14	2.81	16.2	12.85	13.5	1.94	92.9	0.64
LP00356	710	51.9	20	0.06	3.45	2.3	0.66	14	2.95	4.9	0.76	23.6	0.26
LP00357	496	166.5	10	0.18	9.39	4.99	2.96	22.4	11.2	11.8	1.84	76	0.67
LP00358	860	98.2	20	0.42	5.09	2.51	1.6	24	6	6.3	0.93	48.7	0.27
LP00359	822	172.5	20	0.18	9.78	5.04	2.9	26.9	12.3	13.2	1.89	69.8	0.66
LP00360	290	137.5	20	0.13	8.42	4.66	2.47	20.3	9.34	9.7	1.67	59.2	0.63
LP00361	2070	39.8	10	0.9	1.62	0.98	0.67	19.9	2.13	3.6	0.31	19.6	0.11
LP00362	372	53.4	30	0.15	2.74	1.65	0.81	10.6	3.27	7.8	0.54	27.8	0.23
LP00363	1040	36.3	10	0.59	1.58	0.93	0.5	18	1.94	3	0.31	18.7	0.14

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SAMPLE	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho	La	Lu
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LP00364	784	223	30	0.27	11.25	5.95	3.04	20.5	14.05	15.1	2.15	92	0.71
LP00365	1715	40.7	30	0.47	1.53	0.88	0.61	18.1	1.91	4.1	0.3	21.7	0.14
LP00366	2180	46.4	20	0.84	1.86	0.93	0.74	18.4	2.4	4.1	0.33	23.8	0.12
LP00367	383	221	20	0.28	11.75	6.12	3.4	23.1	14.7	15.5	2.25	89.4	0.75
LP00368	1070	41.8	20	0.36	1.93	1.34	0.71	19.7	2.25	4.1	0.4	21.8	0.29
LP00369	2870	38.5	20	0.29	1.01	0.61	0.53	14.4	1.36	3.3	0.21	21.9	0.11
LP00370	1285	172	20	0.47	11.8	6.27	3.45	21.8	13.95	11.2	2.38	74.5	0.82
LP00371	940	177	20	0.44	9.14	4.8	2.74	20.5	11.5	12.1	1.74	79.6	0.61
LP00372	249	29.2	10	0.1	1.17	0.59	0.37	17.4	1.55	4.1	0.24	14.1	0.09
LP00373	1090	108	30	0.63	1.05	0.5	0.87	19.2	1.74	4.5	0.19	66.9	0.08
LP00374	2320	42.4	10	0.59	1.65	0.92	0.76	18.4	2.32	4.1	0.31	21.1	0.12
LP00375	1350	129	20	0.55	2.84	1.34	1.33	22.7	4.19	6.8	0.56	72.1	0.2
LP00376	2480	105.5	10	1.1	2.01	1.17	1.02	15.7	3.34	4.6	0.4	54.2	0.17
LP00377	1340	165.5	10	0.43	6.15	3.29	2.04	21.1	7.86	9.4	1.16	80.6	0.45
LP00378	2470	46	20	0.4	0.76	0.52	0.55	16	1.14	3.4	0.17	26.7	0.08
LP00379	1810	34.1	10	0.41	1.38	0.76	0.59	17.6	1.87	3.5	0.27	17.7	0.12
LP00380	1590	34.9	10	0.27	1.3	0.7	0.53	17.6	1.83	3.6	0.26	18.5	0.12
LP00381	1650	70.1	20	0.48	3.31	1.71	1.13	16.6	3.82	4.7	0.6	35.4	0.22
LP00382	1090	57	10	0.37	2.58	1.41	1.15	20.3	2.95	3.7	0.5	30.7	0.2
LP00383	1355	32.5	10	0.25	1.55	0.75	0.59	17.4	1.85	3.9	0.28	16.9	0.1
LP00384	922	163.5	10	0.46	10.45	5.79	2.92	20	12.45	11.3	2.13	75.9	0.75
LP00385	1435	43.3	20	0.34	1.05	0.61	0.64	18.2	1.75	3.6	0.21	22.4	0.09
LP00386	2330	28.2	20	0.19	0.61	0.41	0.37	11.4	0.76	2.7	0.12	16.6	0.08
LP00387	1420	94.4	20	0.2	3.71	1.83	1.34	20.4	4.65	5.6	0.65	49.6	0.2
LP00388	1835	37.4	20	0.74	1.55	0.78	0.7	18	2.2	3.6	0.31	19.3	0.11
LP00389	625	38	20	0.19	1.45	0.85	0.59	18.1	1.98	3.6	0.3	20	0.13
LP00390	520	124	20	0.26	2.8	1.55	1.26	21.2	3.99	7.3	0.56	68.8	0.22
LP00391	749	32.4	20	0.2	1.2	0.82	0.41	13.8	1.37	2.9	0.25	16.8	0.15
LP00392	1445	32.1	10	0.5	1.36	0.77	0.53	16.2	1.64	3.5	0.25	17.3	0.11
LP00393	1385	43.5	10	0.74	1.8	0.99	0.65	17.8	2.26	3.8	0.33	23.5	0.15
LP00394	1600	38	20	0.66	1.8	1.02	0.59	17	2.16	3.7	0.36	20	0.17
LP00395	1460	178	10	0.43	11.65	6.38	3.68	20.8	13.9	13.5	2.3	76.6	0.83
LP00396	2780	167	30	0.23	8.37	4.33	2.85	19.1	10.7	10.3	1.58	77.5	0.53
LP00397	1035	68.2	20	0.18	3.5	1.76	1.32	20.8	4.1	6.3	0.63	34.1	0.19
LP00398	1395	64.8	20	0.27	2.52	1.38	0.85	16.8	3.12	4.5	0.49	35.8	0.21

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SAMPLE	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho	La	Lu
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LP00399	1730	32.7	20	0.41	0.85	0.46	0.5	15.1	1.24	2.9	0.16	19.2	0.07
LP00400	1505	37.9	10	0.65	1.37	0.79	0.54	18.6	1.94	3.9	0.28	21.4	0.12
LP00401	1220	12.7	20	0.46	1.05	0.62	0.86	17.3	1.32	2	0.2	6	0.07
LP00402	579	26.2	10	0.22	3.48	2.21	0.56	15	3.22	2.8	0.72	11.8	0.33
LP00403	674	13.7	10	0.6	1.47	0.82	0.19	14	1.54	1.9	0.31	7.2	0.19
LP00404	783	210	20	0.77	11	5.75	3.16	21.3	14.1	13.4	2.05	97	0.77
LP00405	715	236	20	0.23	11.3	5.98	3.14	23.1	14.3	12.4	2.17	101	0.75
LP00406	1360	154	10	0.62	7.64	4.57	1.22	17.5	8.76	7.1	1.45	74.7	0.7
LP00407	174	16.8	10	1.44	2.88	1.54	0.22	20.6	2.67	2.8	0.54	7.8	0.2
LP00408	1020	54	10	0.29	2.79	1.64	1.19	20.9	3.31	7.1	0.55	26.9	0.23
LP00409	1135	52	40	0.54	3.65	1.9	1.46	19.2	4.74	3.4	0.7	22.3	0.26
LP00410	360	31.4	140	0.53	3.76	2.38	1.22	16.8	4.04	3.1	0.83	14.6	0.36
LP00411	832	78.5	<10	0.68	4.1	2.48	1.75	17.1	5.06	3.7	0.85	39.9	0.32
LP00412	432	68.3	10	0.16	2.87	1.39	1.06	17.2	3.79	4.4	0.53	37.2	0.17
LP00413	1065	12.1	10	0.45	1.36	0.9	0.29	16.8	1.2	2.5	0.28	6.7	0.16
LP00414	205	35.1	20	0.07	1.73	0.92	0.89	19.3	2.5	5.1	0.32	18	0.13
LP00415	1675	68.7	20	0.36	1.69	0.85	0.95	21.4	2.5	5.2	0.32	38.5	0.1
LP00416	401	29.9	580	0.11	2.57	1.46	0.93	12.2	3.03	1.8	0.51	14.1	0.18
LP00417	501	40.8	10	0.15	2.63	1.41	1.16	20.5	3.35	2	0.51	19.7	0.18
LP00418	1580	52.6	10	0.59	1.79	0.92	0.81	19.7	2.51	4.3	0.32	28	0.13
LP00419	1755	56.1	10	0.61	1.94	0.95	0.79	19.3	2.72	4	0.32	30.1	0.12
LP00420	1920	48.9	20	0.56	1.81	0.95	0.78	19.6	2.55	4	0.34	25.9	0.14
LP00421	1685	50	10	0.76	1.8	0.92	0.81	20.2	2.62	4	0.35	26.7	0.14
LP00422	479	20.9	200	0.22	2.84	1.68	0.82	13.6	2.96	2	0.58	10	0.24
LP00423	1705	51.7	10	0.68	2.05	1.04	0.85	19.4	2.63	4.1	0.38	27.6	0.14
LP00424	1585	65.6	10	0.17	2.57	1.39	0.84	17.6	3.17	4.2	0.49	33.8	0.19
LP00425	390	49.8	10	0.18	2.33	1.29	0.94	20.8	2.87	3.9	0.43	25.9	0.18
LP00426	533	75.1	20	0.12	1.52	1.05	0.73	14	2.33	4	0.32	40.5	0.17
LP00427	212	103	20	0.17	5.07	2.55	1.62	20.7	6.83	5.9	0.97	53.5	0.27
LP00428	2000	57.4	20	0.84	2.52	1.46	0.79	17.6	2.86	4.1	0.5	31.2	0.26
LP00429	393	16.3	20	0.09	0.58	0.4	0.2	14.8	0.78	3.4	0.11	8.2	0.08
LP00430	674	63.7	20	0.16	2.79	1.4	1.29	21	3.64	4.3	0.49	35.2	0.19
LP00431	1740	59.1	20	0.51	2.67	1.44	0.87	17.6	3.34	4.6	0.49	31.3	0.2
LP00432	1225	20	20	0.07	1.18	0.76	0.32	9.3	1.14	2.8	0.24	10.3	0.14
LP00433	586	42.4	10	0.16	1.54	0.91	0.65	13.2	1.83	3.7	0.32	22.1	0.17

La Paz Surface Mapping and Geochemical Sampling
Element Assay Results
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SAMPLE	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho	La	Lu
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LP00434	630	56.9	10	0.1	2.2	1.23	0.71	12.8	2.63	4.3	0.43	29	0.18
LP00435	1020	52.2	10	0.19	2.23	1.26	0.68	20.1	2.42	4	0.44	27.9	0.21
LP00436	817	51.4	10	0.17	2.12	1.31	0.61	13.9	2.33	4.4	0.41	26.1	0.21
LP00437	1350	31.4	10	0.12	1.19	0.75	0.44	11.9	1.48	3	0.25	15.7	0.14
LP00438	368	82.2	10	0.23	5.92	3.37	1.58	16.5	6.42	7.1	1.22	38.9	0.5
LP00439	1605	31.4	10	0.37	1.27	0.7	0.47	17.2	1.76	4.1	0.24	16.6	0.12
LP00440	537	53.3	20	0.16	3.24	1.9	1.22	16.2	3.75	3	0.65	25	0.27
LP00441	1260	52.5	20	0.16	3.44	1.69	1.55	23.8	4.15	7.6	0.67	25.8	0.23
LP00442	1565	54.8	10	0.5	2.01	1.02	0.83	20.1	2.63	4.3	0.37	28.6	0.14
LP00443	270	61.2	40	0.23	3.79	2.17	0.88	16.4	4.21	3.9	0.77	27.5	0.27
LP00444	531	137.5	10	0.28	6.3	3.22	2.38	22.1	7.72	8.8	1.23	71.5	0.46
LP00445	1940	58.5	10	0.19	2.62	1.43	0.84	17.6	2.94	4	0.51	30.8	0.2
LP00446	416	251	20	0.24	12.55	6.45	3.15	23.5	15.75	15.2	2.38	104.5	0.8
LP00447	433	181	10	0.22	9.81	5.12	2.69	26.4	12.05	10.4	1.83	80.8	0.61
LP00448	1195	236	10	0.45	12.7	6.68	3.21	21.3	15.1	15.3	2.42	97.8	0.83
LP00449	148	47.5	20	0.14	2.11	1.15	1.02	20.1	2.68	5.2	0.41	27.1	0.18
LP00450	826	57.8	10	0.25	2.16	1.25	0.72	16.9	2.58	4.2	0.42	30.9	0.18
LP00451	1080	51.5	10	0.79	1.96	1.07	0.59	16	2.31	3.8	0.41	27.7	0.18
LP00452	1350	51.1	10	0.38	2.27	1.2	0.71	15.6	2.53	3.6	0.45	27	0.18
LP00453	1275	50	20	0.63	1.94	1.13	0.65	17.3	2.26	4.2	0.39	27.1	0.22
LP00454	1355	43.7	10	0.45	1.57	0.92	0.57	16.2	1.96	2.8	0.32	23.5	0.15
LP00455	1110	40.1	10	0.38	1.52	0.92	0.49	15.9	1.8	2.7	0.31	21.8	0.17
LP00456	850	30.8	10	0.46	1.39	0.96	0.44	15.7	1.64	3.2	0.28	15.9	0.16
LP00457	1370	47.2	10	0.13	1.91	1.13	0.67	14.9	2.33	3.7	0.4	24.8	0.16
LP00458	1390	38.2	30	0.36	1.48	0.87	0.56	17.4	1.98	3.7	0.3	20	0.14
LP00459	1875	62.7	20	0.28	2.4	1.24	0.77	16.6	2.87	4.8	0.45	33.1	0.18
LP00460	2090	63.9	20	0.29	2.81	1.42	0.91	16	3.57	4.4	0.57	32.9	0.17
LP00461	1255	70.3	20	1.38	4.56	2.42	1.75	23.3	5.48	6.3	0.94	33.4	0.33
LP00462	2050	305	10	0.94	9.97	5.11	2.45	19.8	12.7	11	1.91	145.5	0.59
LP00463	1670	142	20	0.8	10.05	5.43	2.64	20.3	11.4	11.2	2	64.7	0.72
LP00464	1380	73	20	0.27	2.74	1.32	1.29	22.1	3.46	7.9	0.47	38.4	0.21
LP00465	1980	245	10	0.26	11.55	6.13	3.32	20.9	14.7	17.1	2.24	101.5	0.71
LP00466	1185	50	20	0.6	1.86	1.11	0.54	16.6	2.14	3.8	0.35	26.9	0.18
LP00467	2360	152	10	0.11	8.14	4.21	2.99	18.9	11.15	12	1.58	68.9	0.48
LP00468	1390	39.5	10	0.79	1.65	0.87	0.58	14.8	2.03	3.3	0.33	20.2	0.15

La Paz Surface Mapping and Geochemical Sampling
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SAMPLE	Ba	Ce	Cr	Cs	Dy	Er	Eu	Ga	Gd	Hf	Ho	La	Lu
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LP00469	1285	42	10	0.15	1.55	0.91	0.54	16.2	1.88	3.3	0.32	20.9	0.16
LP00470	1415	244	10	0.76	14.05	7.8	2.76	22.5	17.65	14.1	2.81	98.6	0.91

La Paz Surface Mapping and Geochemical Sampling
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SAMPLE	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LP00119	12	42	11.9	228	7.41	1	325	0.8	0.94	11.65	0.47	3.08	63
LP00120	7.9	26	7.17	212	4.74	1	235	0.5	0.61	8.46	0.31	2.46	41
LP00121	11.4	22.4	6.06	125	3.63	1	473	0.8	0.4	4.29	0.2	1.89	21
LP00122	22.6	82.3	21.4	95.2	15.45	2	468	0.9	1.85	3.05	0.68	0.69	66
LP00123	16.6	44.4	13	119	7.55	2	589	1.4	0.98	33.8	0.54	4.91	28
LP00124	4.7	13.7	3.94	115.5	2.25	1	458	0.3	0.19	3.49	0.09	1.39	15
LP00125	9	20.3	6.19	104.5	3.36	1	621	1	0.3	3.53	0.18	1.36	17
LP00126	1.8	4.4	1.23	83.8	1	<1	616	0.1	0.11	1.28	0.05	0.66	8
LP00127	7.9	25.2	6.87	200	5.14	1	201	0.5	0.67	8.43	0.32	2.56	37
LP00128	7	18.1	5.06	179	3.25	1	123.5	0.5	0.41	7.09	0.19	1.79	39
LP00129	5.5	18	4.71	53.5	3.49	1	286	0.4	0.52	4.82	0.24	1.86	32
LP00130	2.3	5.9	1.55	9.7	1.25	<1	325	0.3	0.16	1.34	0.1	1.42	11
LP00131	7.1	10.3	2.81	121	2.13	1	572	0.7	0.23	3.39	0.17	1.4	17
LP00132	31.4	11.1	3.05	89	3.01	1	212	2.8	0.56	11.75	0.28	4.67	6
LP00133	25.1	8.1	2.01	178	2.01	1	376	2.9	0.4	2.7	0.36	3.33	13
LP00134	5	16.3	4.59	80.2	2.3	1	839	0.4	0.17	2.64	0.1	0.84	25
LP00135	2.4	4.5	1.18	108.5	0.94	<1	600	0.2	0.12	1.01	0.08	1.2	6
LP00136	6.2	11.3	3.13	124.5	2.02	1	420	0.6	0.19	2.49	0.11	1.32	12
LP00137	9.3	18.2	5.02	109.5	2.99	1	693	0.9	0.25	2.83	0.17	1.63	22
LP00138	5.5	10.2	2.68	82.9	1.93	1	375	0.4	0.19	1.67	0.08	1.37	16
LP00139	9.9	11.8	3.54	119.5	2.07	1	363	0.7	0.24	7.02	0.12	3.08	25
LP00140	20.6	72	19.4	79.7	13	4	373	1.2	1.64	26.2	0.75	7.1	71
LP00141	18.3	68.1	17.55	52.4	12.8	1	918	0.8	1.55	2.55	0.54	1.31	66
LP00142	6.9	16.1	4.42	113	3.12	1	785	0.4	0.2	2.37	0.04	1.25	30
LP00143	9.2	12.1	3.24	119.5	2.22	1	684	0.9	0.21	1.93	0.15	1.95	18
LP00144	10.1	15.6	4.58	76.9	2.62	1	503	0.8	0.28	7.89	0.15	1.97	19
LP00145	17.8	69.2	17.9	50.9	13.25	2	357	0.8	1.76	3.84	0.76	0.66	89
LP00146	16	64.7	17.1	70.5	12.7	2	439	0.8	1.7	3.8	0.72	0.53	77
LP00147	9.3	13	2.67	51	3.26	1	606	0.5	0.58	0.68	0.22	0.17	284
LP00148	2.8	9.7	2.86	65.3	1.6	1	270	0.2	0.21	0.44	0.13	0.21	17
LP00149	18.8	70	17.6	96.7	13.9	2	358	0.8	1.95	3.51	0.87	0.54	69
LP00150	4.3	17.3	5.21	81.5	2.58	1	494	0.2	0.21	2.11	0.08	0.54	25
LP00151	5	16.1	4.75	84.2	2.33	1	548	0.3	0.23	2.33	0.09	0.83	24
LP00152	11	36	10.75	86.3	5.41	1	615	0.7	0.6	11.2	0.2	0.58	37
LP00153	19.7	75.8	19.6	103.5	14.3	3	433	0.9	2.02	5.28	0.89	0.77	96

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SAMPLE	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LP00154	18.8	71.5	18.85	110	13.7	3	334	0.9	1.84	3.62	0.8	0.44	85
LP00155	4	21.7	6.38	79.7	3.45	1	745	0.1	0.36	1.58	0.15	0.31	55
LP00156	7.6	20.3	5.74	210	3.63	1	140.5	0.6	0.45	6.88	0.21	1.99	49
LP00157	15.3	46.4	12.05	256	9.4	3	139.5	1	1.2	14.75	0.52	3.44	60
LP00158	12.6	25.8	7.01	103.5	4.63	1	457	1.1	0.58	5.3	0.34	2.46	20
LP00159	6	15.8	4.15	78.6	2.74	1	849	0.6	0.25	2.54	0.13	1.35	23
LP00160	21.3	75.2	19.4	69.7	12.75	2	570	1.6	1.58	3.37	0.63	0.99	52
LP00161	18.4	74.4	18.75	92.1	13.8	2	431	0.8	1.82	3.26	0.82	0.45	102
LP00162	3.2	14.3	4.33	89.8	1.94	1	753	0.1	0.16	1.81	0.08	0.45	94
LP00163	18.3	76.9	19.75	120.5	13.95	2	290	0.9	2.03	3.35	0.81	0.54	94
LP00164	11.8	51.7	13.3	72.2	9.02	2	1210	0.6	1.06	4.11	0.5	0.96	204
LP00165	20.2	81.4	20.7	59.7	15.15	2	795	1.1	1.95	5.49	0.75	1.01	82
LP00166	25.3	100	25.8	78.4	18.6	2	420	1.2	2.35	6.44	0.88	1.05	86
LP00167	7.8	18.7	5.35	111	2.7	1	525	0.9	0.26	4.19	0.13	1.37	30
LP00168	28.7	8.8	2.29	153	2.83	4	81.6	2.5	0.53	10.4	0.24	3.39	8
LP00169	5.8	11.5	3.1	84.3	2.13	1	738	0.6	0.21	1.96	0.12	1.43	20
LP00170	6.9	17.2	4.88	113	2.81	1	651	0.7	0.26	8.45	0.11	2.18	20
LP00171	6.2	17.1	4.49	100.5	3	1	726	0.5	0.2	1.68	0.07	0.71	26
LP00172	11	21.1	5.4	108	3.56	2	834	0.7	0.26	1.74	0.1	1.28	36
LP00173	11	20.4	5.41	140.5	3.8	2	665	1	0.34	3.71	0.17	1.92	27
LP00174	15.3	26	6.75	111.5	4.46	3	736	1.2	0.43	3.73	0.27	2.6	33
LP00175	6	11.7	3.2	85.4	2.15	1	496	0.5	0.27	3.26	0.15	1.19	16
LP00176	9	18.1	5.41	136.5	2.82	1	430	0.7	0.28	6.41	0.15	2.26	15
LP00177	6.1	13	3.45	107.5	2.36	1	645	0.6	0.29	3.69	0.13	1.16	26
LP00178	6.6	21.1	5.99	117	3.34	1	625	0.5	0.21	3.62	0.11	1.35	28
LP00179	10.5	15.2	3.99	124	3.12	2	589	0.8	0.26	2.73	0.13	1.91	25
LP00180	16.1	62.5	15.75	48.7	11.9	1	1280	0.8	1.28	2.14	0.46	0.81	97
LP00181	6.9	20.7	5.34	80.4	3.7	1	832	0.6	0.24	2.49	0.12	1.17	33
LP00182	1.5	4.7	1.26	87.6	0.99	<1	576	0.1	0.08	1.47	0.05	1.02	9
LP00183	14.5	23.4	7.95	109.5	3.88	1	315	1	0.49	28.6	0.33	2.66	9
LP00184	5.6	9.7	2.53	89.1	2.2	1	429	0.6	0.26	4	0.18	1.88	11
LP00185	15.6	37.5	10	153.5	7.68	2	365	0.9	0.93	4.54	0.53	1.93	79
LP00186	20.7	73	19.25	29.9	14.4	3	919	1	1.59	5.29	0.68	1.12	103
LP00187	4.1	7.8	2.12	107	1.56	1	620	0.4	0.21	1.85	0.12	0.69	11
LP00188	10.6	27.1	7.83	52	4.77	1	808	0.8	0.51	5.72	0.23	1.67	52

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SAMPLE	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LP00189	21.4	80.6	21.3	32.9	14.8	2	957	1	1.56	9.84	0.62	1.73	93
LP00190	15.1	26.4	7.25	57	5.01	2	765	1.7	0.38	4.63	0.22	2.09	39
LP00191	1.8	8.4	2.2	70.2	1.96	<1	617	0.1	0.12	2.55	0.04	0.98	11
LP00192	6	19.6	5.22	62.8	3.68	1	443	0.4	0.4	19.4	0.18	2.68	21
LP00193	13.4	51.5	13.6	88.6	9.73	2	764	0.9	1.04	7.24	0.36	1.24	60
LP00194	10.4	21.4	6.33	111	3.78	1	513	0.8	0.42	5.98	0.24	1.33	47
LP00195	12.6	38.9	10.55	102	7.31	1	242	0.7	0.78	6.78	0.45	1.4	49
LP00196	5.9	16	4.69	37.3	2.85	1	645	0.5	0.3	3.49	0.14	1.46	60
LP00197	9.9	24.3	6.99	157	4.58	1	357	0.7	0.52	9.29	0.3	1.92	33
LP00198	9.5	12.2	3.65	123.5	2.06	1	329	0.7	0.19	7.25	0.1	1.39	20
LP00199	10.6	21.4	6.3	97.4	3.48	1	518	0.8	0.36	7.47	0.17	1.74	30
LP00200	21.1	86.8	22.6	100.5	16.7	2	524	0.9	1.79	6.97	0.72	1.48	68
LP00201	28.1	90.9	23.5	90.9	17.45	2	542	1.2	1.86	7.76	0.75	1.48	99
LP00202	9.1	22.9	6.73	93.9	3.83	1	583	0.7	0.4	6.17	0.17	1.62	46
LP00203	8.9	20.3	5.95	83.5	3.27	1	499	0.7	0.35	5.34	0.15	1.18	34
LP00204	10.8	20	5.96	101	3.56	1	435	0.7	0.38	5.94	0.16	1.02	25
LP00205	9.4	19.9	5.75	106.5	3.25	1	483	0.7	0.38	6.16	0.17	1.74	31
LP00206	11.1	33	9.08	91.4	6.09	1	560	0.8	0.6	7.04	0.22	1.46	46
LP00207	8.6	38.6	11.55	68.7	5.57	1	1120	0.5	0.48	6.22	0.17	1.22	58
LP00208	22	86.7	23	91.4	16.15	3	489	1	1.81	8.22	0.71	1.34	86
LP00209	21.2	84.1	22.1	94.6	15.45	2	482	1	1.8	8.64	0.71	1.67	66
LP00210	9.6	37.6	11.35	68.6	5.8	1	1045	0.6	0.53	7.26	0.19	1.18	64
LP00211	12.1	18.6	4.87	108	3.85	2	858	0.9	0.32	2.3	0.17	1.26	28
LP00212	6.9	13.6	3.68	67.5	2.42	1	524	0.6	0.26	5.82	0.14	2.25	23
LP00213	15.7	44.8	11.9	51.7	8.51	2	669	1.1	1.13	10.2	0.56	2.18	35
LP00214	9.2	26.8	7.14	136	4.76	1	243	0.7	0.44	6.04	0.17	1.86	37
LP00215	4.6	12.9	3.29	53.8	2.63	1	331	0.3	0.41	3.39	0.22	1.59	27
LP00216	9.5	43.6	12.15	70.4	7.55	1	1175	0.6	0.74	6.23	0.23	0.83	57
LP00217	12.6	33.6	10.4	113.5	6.06	2	256	1.2	0.72	34.5	0.47	3.76	22
LP00218	9.5	29.2	8.19	86	5.63	1	787	0.7	0.56	5.58	0.27	1.18	82
LP00219	7.1	15.7	4.51	83.5	2.99	1	792	0.6	0.31	3.84	0.12	0.86	47
LP00220	5.5	15.5	4.32	80.6	2.88	1	613	0.5	0.32	4.03	0.15	1.17	65
LP00221	5.3	15.5	4.67	54.9	2.41	1	814	0.4	0.25	4.11	0.12	1.04	56
LP00222	8.5	16.5	4.89	102.5	2.87	1	355	0.7	0.3	8.21	0.16	2.38	24
LP00223	8.8	22.4	6.56	86.4	4.08	1	717	0.7	0.39	5.29	0.19	2.19	50

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SAMPLE	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LP00224	8	9.2	2.81	80.1	1.52	1	327	0.6	0.17	6.95	0.12	1.48	16
LP00225	6	19.7	5.42	67.3	3.25	1	1035	0.4	0.34	3.81	0.13	0.91	43
LP00226	9.2	14.2	4.43	112	2.01	1	322	0.8	0.24	8.22	0.12	1.92	16
LP00227	4.8	8.6	2.23	6.4	1.68	<1	78.4	0.4	0.21	2.09	0.15	1.48	6
LP00228	10	23.5	6.93	99.4	4.13	1	442	0.7	0.44	6.69	0.21	1.46	31
LP00229	11.7	30.6	8.27	83.7	5.32	1	726	0.9	0.6	6.99	0.3	1.28	79
LP00230	21.4	97.4	25.9	86.7	18.1	2	668	1	2.14	7.54	0.86	1.06	85
LP00231	6.9	19.7	5.74	120	3.34	1	580	0.6	0.28	3.76	0.15	0.87	20
LP00232	7.5	18.8	5.17	32.2	3.38	1	999	0.5	0.39	4.03	0.18	1.32	76
LP00233	8	22	5.69	83	3.98	1	853	0.5	0.38	2.15	0.18	1.02	52
LP00234	6.3	24.4	7.67	140.5	3.18	1	655	0.4	0.22	3.89	0.11	1.78	23
LP00235	8.1	23.2	6.44	85.7	4.13	1	673	0.5	0.47	4.25	0.18	0.97	47
LP00236	10.8	21.8	6.53	81.6	3.7	1	680	0.8	0.4	7.86	0.2	2.36	44
LP00237	9.8	19.5	6.04	94.6	3.51	1	438	0.7	0.36	7.35	0.18	1.57	27
LP00238	7.3	13.9	4.36	125.5	2.48	1	298	0.6	0.21	8.92	0.12	1.88	13
LP00239	9.6	14.3	4.36	112.5	2.31	1	324	0.8	0.3	6.34	0.18	1.78	19
LP00240	11.9	29.6	8.72	138	5.45	2	251	1.2	0.74	32	0.42	3.63	25
LP00241	8.3	43.7	13.3	61.3	6.13	1	1115	0.4	0.55	6.93	0.21	0.93	67
LP00242	11.2	17.7	5.41	66.4	3.09	2	277	1.1	0.37	20.9	0.19	4.94	19
LP00243	7.3	26.4	7.27	90.5	4.87	1	911	0.3	0.52	3.42	0.24	0.67	83
LP00244	8.1	25.1	7.59	158.5	3.99	2	498	0.7	0.39	8.49	0.19	2.23	20
LP00245	24.5	102.5	27	45.8	19.8	2	1215	1.2	2.27	9.65	0.92	1.59	116
LP00246	14.2	72.9	19.7	67.4	13.35	2	1155	0.6	1.43	10.9	0.58	0.98	100
LP00247	13.4	8.7	2.24	98.1	1.96	1	252	1	0.28	8.46	0.16	1.56	30
LP00248	6.1	18.4	4.71	40.8	3.48	2	1575	0.4	0.42	5.38	0.19	2.57	102
LP00249	21.4	91	22.4	81.8	17.3	2	440	1.1	2.04	8.22	0.82	1.22	121
LP00250	3.6	9.7	2.59	150	1.72	1	330	0.3	0.17	2.64	0.09	1.14	15
LP00251	4.3	13.6	3.64	45.8	2.32	1	854	0.4	0.25	2.5	0.11	0.73	48
LP00252	8.4	14.2	3.51	117	2.59	1	610	0.8	0.23	2.1	0.13	1.75	26
LP00253	8.9	22	5.35	95.6	3.89	1	834	0.7	0.27	2.42	0.11	1.39	43
LP00254	5.6	1.4	0.34	70.7	0.27	<1	195	0.4	0.07	0.27	0.09	0.53	8
LP00255	8.8	19.7	4.74	81.7	3.52	2	591	0.7	0.23	1.74	0.09	0.78	25
LP00256	13.3	23.3	6.43	161.5	4.99	1	147	1.6	0.75	37.7	0.56	5.35	14
LP00257	14.2	25.1	6.1	109	4.58	2	680	1.3	0.47	3.05	0.28	1.65	41
LP00258	1.7	7.6	1.89	107.5	1.67	<1	518	0.2	0.19	1.64	0.07	0.79	10

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SAMPLE	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LP00259	10.1	21.4	5.83	95.9	3.39	2	534	1	0.37	7.86	0.23	3.1	26
LP00260	7.6	9.1	2.37	81.7	1.54	1	356	0.6	0.21	4.26	0.11	1.25	23
LP00261	10.7	21.5	5.19	107	3.76	2	582	0.9	0.34	2.94	0.19	1.27	31
LP00262	3.3	7.2	1.79	72.1	1.36	1	695	0.4	0.16	1.39	0.07	0.79	17
LP00263	10.4	22.8	5.89	227	4.33	1	286	0.8	0.53	8.12	0.26	2.01	72
LP00264	20.4	69.7	17	88.7	13.8	3	449	1.1	1.85	10.5	0.82	2.2	67
LP00265	6.7	23.4	5.93	210	4.78	2	143.5	0.5	0.74	2.74	0.45	1.8	94
LP00266	9.1	15.7	3.95	98.7	2.97	1	419	0.8	0.35	3.93	0.17	1.71	20
LP00267	6.6	8.8	2.14	67.8	1.86	1	720	0.7	0.23	1.23	0.16	1.16	23
LP00268	4.4	12.2	3.3	66.9	2.14	1	655	0.4	0.24	4.35	0.1	1.95	53
LP00269	15	34.8	8.8	118	6.51	3	492	1.2	0.73	7.32	0.39	2.54	35
LP00270	2.3	9.9	2.65	86.1	1.68	1	882	0.1	0.11	1.37	0.06	0.74	17
LP00271	10.4	15.5	3.83	154	2.82	2	605	1	0.24	2.21	0.16	1.2	20
LP00272	8.5	16.6	3.89	103	3	1	674	0.8	0.19	1.46	0.09	1.14	24
LP00273	8.1	19.1	4.66	91.6	3.32	1	582	0.7	0.22	1.96	0.1	1.04	25
LP00274	3.5	5.5	1.4	53.1	1.06	1	144	0.3	0.18	1.44	0.18	2.17	15
LP00275	8.5	17.6	4.32	103.5	3.12	1	717	0.8	0.22	1.78	0.09	1.32	23
LP00276	16.3	15	4.34	150	2.23	1	322	1.3	0.22	4.48	0.12	1.91	12
LP00277	10.2	9.8	2.43	130	1.64	1	792	0.9	0.12	1.67	0.08	1.11	25
LP00278	6.1	16.6	4.36	98.6	2.65	1	462	0.4	0.22	2.72	0.08	1.18	16
LP00279	4.6	14.8	3.64	93.1	2.83	1	726	0.4	0.16	2.64	0.06	1.74	34
LP00280	5.8	11.4	3.11	170.5	2.19	1	381	0.4	0.15	3.8	0.07	1.59	13
LP00281	8	34.5	10.15	119.5	6.14	2	495	0.7	0.53	23.2	0.24	1.89	25
LP00282	4.2	6	1.7	119	1.33	1	475	0.3	0.19	2.27	0.14	0.98	14
LP00283	7.2	20.6	6.44	180.5	2.93	2	396	0.5	0.26	5.77	0.17	2.18	21
LP00284	11.2	47.1	12.05	11.7	8.5	1	1050	0.4	0.94	4.82	0.36	1.01	94
LP00285	21.2	72.8	19.05	35.2	13.85	2	889	0.8	1.66	2.28	0.63	0.72	96
LP00286	15.1	59.5	15	48	12.1	1	749	0.6	1.48	2.88	0.54	0.99	63
LP00287	11.2	50.4	13.3	42.1	9.6	1	1120	0.4	1.14	2.87	0.44	0.82	82
LP00288	7.6	25.2	7.26	99	4.43	1	460	0.5	0.5	7.42	0.22	1.18	20
LP00289	21.7	96.2	25.2	48.4	17.6	2	818	0.6	2.01	3.75	0.68	0.8	94
LP00290	7.3	12.4	3.23	135	2.27	1	636	0.6	0.21	1.41	0.11	0.98	28
LP00291	7.3	23.4	7.16	158.5	3.66	1	384	0.3	0.21	5.34	0.07	2.17	23
LP00292	4.1	17.3	4.82	101	3.11	1	557	0.2	0.22	4.76	0.08	1.66	28
LP00293	12.2	23.1	7.07	107	3.79	2	378	0.9	0.41	11	0.17	2.09	15

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SAMPLE	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LP00294	8.4	21.4	5.45	142	4.01	1	930	0.4	0.27	2.16	0.06	2.6	57
LP00295	12.1	1.4	0.35	75.8	0.67	1	238	2	0.35	1.02	0.48	2.37	8
LP00296	7.2	18.9	5.02	74.6	3.32	1	659	0.4	0.22	1.9	0.08	1.04	28
LP00297	5	13.2	3.55	109	2.52	1	761	0.3	0.17	3.53	0.08	1.34	26
LP00298	12.7	13.8	4.03	170	2.32	1	283	1	0.19	5.08	0.1	2.19	14
LP00299	6	16.3	4.48	105	3.04	1	696	0.4	0.34	6.51	0.12	1.01	41
LP00300	12.1	43.6	11.85	40.2	7.53	1	955	0.5	0.92	5.15	0.34	0.91	146
LP00301	6.7	24.9	6.54	35.3	4.49	1	936	0.4	0.51	3.54	0.19	0.88	88
LP00302	14.8	36.8	9.48	57.5	7.4	2	692	0.8	0.91	3.8	0.4	1.04	139
LP00303	21.6	92	23.8	36.8	17.3	2	439	1	1.97	8.65	0.76	1.56	97
LP00304	8.4	31	8.74	38.3	5.35	1	818	0.5	0.65	4.84	0.32	0.9	101
LP00305	21.6	80.5	21.2	2.7	16.15	2	775	1	1.91	11.2	0.82	2	87
LP00306	9.3	30.7	8.26	44.3	6.01	1	698	0.3	0.75	4.01	0.33	1.06	172
LP00307	19.8	85.1	22.1	49.6	17	2	614	1	1.95	6.42	0.7	1.18	76
LP00308	5.7	21.4	6.59	70.2	3.23	1	565	0.2	0.29	3.25	0.12	0.63	41
LP00309	23.2	91.4	23.7	34.2	17.65	2	740	1.1	2.17	7.18	0.86	1.02	96
LP00310	18.6	50.4	13.65	55.9	9.53	1	687	0.9	1.11	5.29	0.52	0.96	123
LP00311	7.8	28.1	8.06	59.2	4.78	1	850	0.3	0.48	4.69	0.16	0.95	84
LP00312	6.3	24.9	6.92	59.4	4.47	1	809	0.3	0.48	4.26	0.18	0.92	63
LP00313	9.1	27.1	7.29	56.5	5.32	1	450	0.4	0.59	3.4	0.25	0.7	86
LP00314	17.6	74.7	19.5	75.1	14.3	2	406	0.8	1.6	6.93	0.62	1	81
LP00315	8.3	23.7	5.97	58.8	5.02	1	638	0.3	0.67	1.67	0.31	0.57	165
LP00316	9.7	21	5.83	78.9	3.67	1	348	0.8	0.4	6.07	0.19	1.44	24
LP00317	8.9	20.2	5.58	67.4	3.23	1	384	0.6	0.36	8.65	0.17	2.3	30
LP00318	12.6	19.6	5.2	46.8	3.35	1	678	0.7	0.38	6.63	0.16	2.25	37
LP00319	12.2	44.7	11.5	35.6	7.83	1	932	0.7	0.84	4.24	0.29	1.1	146
LP00320	7	20.9	5.91	68.5	3.67	1	773	0.4	0.41	4.2	0.16	0.67	48
LP00321	6.7	20.3	5.83	65.1	3.43	1	771	0.4	0.37	4.54	0.15	0.77	46
LP00322	6.8	20.9	5.92	77.1	3.72	1	791	0.4	0.4	4.48	0.14	0.77	48
LP00323	6.4	20.6	5.63	55.8	3.58	1	710	0.4	0.37	4.25	0.14	0.86	47
LP00324	6.2	13.3	3.88	75.1	2.43	1	518	0.4	0.26	4.96	0.09	1.42	25
LP00325	6.7	20.3	5.71	77.5	3.43	1	771	0.4	0.42	4.35	0.13	0.81	46
LP00326	6.7	17.3	4.99	71.3	3	1	682	0.4	0.32	5.59	0.12	1.33	33
LP00327	8.1	14.3	4.05	74.8	2.5	1	522	0.6	0.3	3.99	0.15	0.76	25
LP00328	6.2	22	5.52	28.8	4.44	1	705	0.4	0.66	1.64	0.26	0.51	152

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SAMPLE	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LP00329	22.8	84.8	21.9	65.8	16.95	3	511	1	2.15	5.44	1.02	0.71	75
LP00330	6.8	21.2	6.06	69.9	3.67	1	692	0.4	0.35	4.49	0.17	0.83	46
LP00331	6	19.1	5.32	78.2	3.35	1	740	0.4	0.33	4.13	0.13	0.95	44
LP00332	8.4	12.5	3.55	99.4	2.23	1	462	0.6	0.25	7.59	0.11	2.5	30
LP00333	6.7	21	5.97	62.8	3.83	1	779	0.4	0.33	4.18	0.14	0.75	48
LP00334	7	16	4.38	83.1	2.69	1	553	0.5	0.31	3.95	0.12	1.11	30
LP00335	15.3	52.2	13.65	59.9	9.59	2	399	0.8	1.12	5.92	0.47	1.2	79
LP00336	10	22.1	6.28	77	3.88	1	687	0.7	0.44	6.12	0.18	1.34	35
LP00337	19	75.9	19.85	60.9	14.5	2	556	0.9	1.61	8.38	0.62	1.61	79
LP00338	7.6	19.3	5.45	77	3.18	1	594	0.5	0.33	5.98	0.14	1.21	39
LP00339	26.3	105.5	27.5	31.6	19.25	2	702	1.2	2.1	9.31	0.77	1.26	85
LP00340	23.1	96	25.1	42.4	17.6	2	689	1.1	1.92	7.09	0.78	1.29	93
LP00341	9.1	24.1	6.42	44.5	4.19	1	644	0.5	0.43	4.16	0.19	1.11	60
LP00342	24.7	112	29	50.9	21	3	694	1.1	2.4	5.11	1.04	0.82	140
LP00343	22	89.2	23.1	92	16.75	3	636	1	1.88	13.55	0.74	1.35	101
LP00344	8.3	20.4	5.99	20	3.37	1	552	0.6	0.35	9.8	0.17	1.69	51
LP00345	17.7	64	16.65	23.7	11.8	2	516	0.8	1.33	6.49	0.53	1.09	100
LP00346	6.6	18.5	5.26	73.9	3.39	1	471	0.5	0.35	9.56	0.12	1.45	26
LP00347	12.5	41.8	11.25	52.3	7.48	2	607	0.7	0.87	7.14	0.32	1.4	72
LP00348	9.8	39.7	11.05	57	7.15	1	726	0.7	0.67	7.15	0.23	1.07	59
LP00349	19.4	44.4	11.75	52.1	8.93	2	392	1.2	1.23	5.18	0.58	0.92	54
LP00350	25.4	103.5	26.5	39.8	18.95	3	419	1.1	2.08	6.98	0.84	1.22	117
LP00351	7.9	25.6	7.46	124.5	4.44	1	470	0.5	0.49	4.81	0.17	0.6	59
LP00352	21.9	76.7	20.5	67.8	13.75	2	514	1	1.54	7.48	0.64	1.4	75
LP00353	15.8	65.5	16.9	129	12.55	2	203	0.7	1.48	6.95	0.68	1.09	66
LP00354	6.6	21.8	5.74	23	4.04	1	363	0.4	0.46	2.92	0.21	0.84	83
LP00355	23.6	90.7	24.2	42.8	16.4	2	350	1.1	1.84	12.3	0.71	1.37	63
LP00356	9	20.5	5.56	7.9	3.65	1	221	0.6	0.51	4.98	0.32	1.01	46
LP00357	20.9	74.5	19.15	38.2	14	2	576	0.9	1.62	4.09	0.68	0.75	69
LP00358	13.3	42.3	11.25	68.1	8.07	2	724	1	0.89	6.07	0.32	1.27	91
LP00359	20.4	75.7	19.45	123.5	14.5	2	509	0.9	1.76	4.98	0.7	1.14	100
LP00360	16.9	59.7	15.4	40.5	11.7	2	428	0.9	1.48	5.28	0.63	1.01	65
LP00361	6.4	16.1	4.4	89.7	2.89	1	669	0.4	0.3	2.41	0.11	0.71	42
LP00362	7.7	22.1	6.01	27.6	4.01	1	327	0.5	0.48	7.49	0.23	2.48	29
LP00363	7.1	14.3	3.98	77.9	2.38	1	630	0.5	0.28	4.18	0.15	1.31	22

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SAMPLE	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LP00364	22.8	94.3	24.8	46	18.15	2	407	1	1.98	7.96	0.78	1.58	95
LP00365	7.7	15.4	4.48	77.3	2.69	1	640	0.6	0.28	6.82	0.11	2.1	28
LP00366	5.9	18.4	5.11	76.8	3.39	1	751	0.4	0.34	3.43	0.13	0.92	46
LP00367	24.9	91.1	24	76.4	17.45	2	587	1.2	2.02	6.92	0.83	1.29	99
LP00368	18	14.7	4.49	55.6	2.94	2	444	1.7	0.32	6.69	0.25	1.76	27
LP00369	5.8	12	3.81	73.4	1.81	<1	614	0.3	0.19	2.99	0.1	0.66	78
LP00370	22.2	82.2	20.7	52.7	16.95	2	419	1	2.01	3.76	0.91	0.52	133
LP00371	20.6	76.8	20.7	67.5	14.6	2	396	0.9	1.61	6.38	0.64	1.51	78
LP00372	9.9	10.9	3.03	49.8	1.97	1	123	0.8	0.2	4.28	0.11	0.99	12
LP00373	5	26.4	9.13	91.8	2.91	<1	558	0.2	0.2	14.4	0.08	1.78	45
LP00374	6.2	16.7	4.69	63.7	3.05	1	743	0.4	0.32	3.26	0.14	0.78	46
LP00375	9.3	40.9	12.6	63.3	6.13	1	1005	0.6	0.54	7.14	0.2	0.98	65
LP00376	5.3	35.5	10.85	106.5	5.02	1	462	0.3	0.38	5.91	0.16	0.51	36
LP00377	12.2	59.5	17.45	67.9	9.92	2	434	0.7	1.09	13.75	0.47	1.59	71
LP00378	3.9	13.4	4.37	66.1	1.78	<1	517	0.7	0.14	4.87	0.07	0.8	28
LP00379	6.4	13.4	3.73	81.4	2.34	1	569	0.5	0.26	4.54	0.12	1.54	28
LP00380	6.6	13.5	3.71	71.6	2.27	1	645	0.5	0.24	4.2	0.1	1.4	30
LP00381	11	27.7	7.77	54.3	5.07	1	553	0.8	0.55	6.47	0.24	1.47	55
LP00382	6.8	21	6.09	61.4	3.95	2	543	0.5	0.46	6.51	0.21	3.34	67
LP00383	6.2	12.5	3.5	60.7	2.23	1	668	0.4	0.24	3.5	0.11	1.11	28
LP00384	18.7	72.6	19.05	35.9	14.05	2	545	0.9	1.78	5.75	0.81	0.77	97
LP00385	5.5	15.7	4.6	116	2.8	1	347	0.4	0.21	3.29	0.08	1.13	12
LP00386	3.4	7.8	2.53	58	1.12	1	418	0.3	0.11	3.36	0.05	0.62	17
LP00387	10.4	34.6	10.05	61.2	6.11	1	684	0.8	0.69	5.94	0.22	1.03	56
LP00388	5.5	14.7	4.21	68.7	2.64	1	714	0.4	0.29	3.02	0.1	0.62	33
LP00389	7	14.6	4.18	43.2	2.56	1	804	0.5	0.26	4.66	0.11	1.19	31
LP00390	9.1	39.9	12.5	47	6.02	1	800	0.5	0.58	7.18	0.2	1.14	60
LP00391	8.7	11.1	3.29	75.5	1.84	1	243	0.7	0.22	5.55	0.12	1.33	16
LP00392	5.3	11.8	3.4	78.9	2.04	1	463	0.4	0.24	3.5	0.1	0.67	40
LP00393	8.4	15.7	4.64	101.5	2.7	1	414	0.8	0.3	6.31	0.16	1.69	30
LP00394	8.1	14.8	4.17	94	3.04	1	458	0.8	0.32	6.64	0.16	1.55	31
LP00395	23.2	84.3	21.5	68.1	16.85	2	551	1	1.99	2.89	0.89	0.63	142
LP00396	16	71.6	19.05	59.3	13.4	2	508	0.9	1.48	6.76	0.57	1.04	87
LP00397	9.6	28.7	7.69	52.7	5.43	1	886	0.6	0.58	3.36	0.25	0.59	74
LP00398	12	22.7	6.88	55	4.14	1	481	0.9	0.45	6.73	0.2	1.49	28

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SAMPLE	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LP00399	3.2	10.9	3.37	58	1.7	<1	537	0.2	0.15	2.19	0.06	0.42	24
LP00400	7.3	13.6	4.04	79	2.66	1	585	0.5	0.26	5.92	0.11	1.74	27
LP00401	3.2	6.6	1.6	52.6	1.64	<1	401	0.1	0.21	0.35	0.07	0.22	48
LP00402	9.8	12.7	3.25	81.2	3.24	1	201	0.7	0.54	4.48	0.34	1.83	8
LP00403	19.2	6.1	1.62	55.1	1.45	2	99.2	1.7	0.25	9.55	0.16	1.9	13
LP00404	22.9	92.7	24.4	64.2	17.3	3	465	1.1	1.9	9.62	0.82	1.4	102
LP00405	23.2	97.3	25.8	40.7	18	3	606	1.1	2.05	9.74	0.84	1.22	115
LP00406	20.5	57	16.3	117	10.7	4	308	1.9	1.26	43.9	0.72	5.74	49
LP00407	27.2	8.3	2.13	136	2.86	3	102	2.3	0.48	9.71	0.23	2.91	<5
LP00408	8.1	19.8	5.41	50.4	3.76	1	459	0.4	0.5	3.47	0.22	0.84	68
LP00409	7.3	27.8	6.74	67.7	5.72	1	533	0.3	0.66	2.36	0.28	0.86	83
LP00410	4.3	16	3.73	34.2	3.83	1	356	0.3	0.67	2.49	0.33	0.55	164
LP00411	10.1	32.6	8.65	45.6	6.22	1	445	0.6	0.7	6.37	0.34	1.53	148
LP00412	8.2	27	7.62	73.1	4.8	1	299	0.6	0.55	4.7	0.2	0.86	52
LP00413	4.8	5.8	1.53	110.5	1.21	1	391	0.5	0.2	2.13	0.14	1.14	12
LP00414	5	15.1	3.95	19	2.88	1	598	0.3	0.35	2.26	0.15	0.67	64
LP00415	6	25	7.24	68.4	3.93	1	799	0.3	0.36	6.01	0.11	0.82	58
LP00416	3.6	15.4	3.82	19.7	3.47	1	487	0.2	0.43	1.79	0.22	0.37	155
LP00417	4.1	20.6	5.15	29.2	3.95	1	889	0.2	0.48	2.04	0.2	0.47	467
LP00418	6.2	19.9	5.67	76.6	3.27	1	673	0.4	0.32	4.35	0.13	0.74	43
LP00419	6.4	21	6.03	74.2	3.55	1	604	0.4	0.36	4.49	0.13	0.72	45
LP00420	6.2	19.3	5.33	69	3.39	1	616	0.4	0.35	4.12	0.13	0.78	44
LP00421	6.3	18.8	5.37	68.2	3.18	1	658	0.3	0.36	4.3	0.14	0.69	49
LP00422	2.9	11.3	2.71	33.2	2.75	<1	332	0.2	0.47	1.17	0.22	0.26	156
LP00423	6.3	20.3	5.82	70.9	3.64	1	643	0.4	0.4	4.22	0.15	0.74	47
LP00424	9.9	23.2	6.77	61.6	4.12	1	248	0.8	0.49	6.24	0.21	1.53	52
LP00425	7.6	20	5.54	53	3.88	1	610	0.5	0.41	4.03	0.18	1.16	62
LP00426	10.1	25.8	7.63	49.8	3.71	1	261	0.8	0.3	7.73	0.15	1.36	20
LP00427	12.8	44	11.9	47.9	8.51	2	593	1	0.98	5.84	0.34	1.13	62
LP00428	10.8	21.3	6.15	80.6	3.77	1	390	0.8	0.43	8.86	0.23	2.44	28
LP00429	9.7	5.8	1.7	31.5	0.9	1	160	0.8	0.1	7.71	0.06	1.37	22
LP00430	6.7	24.5	6.94	59.4	4.44	1	357	0.4	0.52	5.4	0.18	0.97	73
LP00431	10.5	22.6	6.44	66.2	3.98	1	448	0.8	0.47	6.42	0.21	1.31	36
LP00432	7.5	8.9	2.37	65.9	1.8	1	120.5	0.6	0.19	6.41	0.13	1.93	83
LP00433	9.5	15	4.5	38.6	2.68	1	204	0.8	0.25	7.2	0.13	1.57	25

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SAMPLE	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LP00434	9.9	20.6	6.04	27.2	3.65	1	332	0.8	0.39	6.46	0.18	1.31	26
LP00435	10.1	18.8	5.67	49.7	3.25	1	616	0.8	0.36	8.25	0.2	2.63	34
LP00436	11.6	18.8	5.53	39.9	3.28	1	225	0.9	0.37	8.84	0.19	1.75	23
LP00437	9.5	11.3	3.34	29.8	1.94	1	184	0.7	0.19	7.77	0.11	1.33	17
LP00438	16.5	38.1	9.71	26.3	7.63	1	461	1.3	0.96	5.62	0.48	2.54	63
LP00439	6.8	12.1	3.38	90.7	2.13	1	534	0.5	0.21	4.49	0.09	1.41	26
LP00440	6.7	24.1	6.39	27.5	4.85	1	688	0.4	0.55	3.08	0.24	1.06	136
LP00441	6.9	25.5	6.41	40.1	4.79	1	1425	0.3	0.58	1.68	0.25	0.46	77
LP00442	5.9	21.1	6.07	65.3	3.66	1	808	0.4	0.36	3.99	0.12	1.08	49
LP00443	9	26	7.08	58.3	4.98	1	479	2.1	0.63	4.52	0.28	1.48	56
LP00444	17.4	57.3	15.95	49.8	9.94	2	677	0.7	1.09	6.95	0.48	1.18	101
LP00445	10.3	21.9	6.57	65.5	4.12	1	440	0.8	0.48	6.54	0.23	1.47	30
LP00446	25.3	106.5	28.3	27.5	19.85	3	657	1.1	2.2	8	0.83	1.24	96
LP00447	19.8	80.2	21.6	49.2	15	2	636	0.9	1.66	9.61	0.68	0.96	94
LP00448	24.5	102	26.7	60.7	19.35	2	401	1.2	2.21	10.25	0.89	1.68	82
LP00449	6.2	19.6	5.54	19.1	3.43	1	774	0.3	0.37	3.54	0.18	0.93	48
LP00450	10.7	20.6	6.12	58.2	3.76	1	312	0.8	0.37	7.17	0.18	1.92	21
LP00451	10.3	17.7	5.42	72.6	3.11	1	377	0.8	0.34	8.96	0.17	2.19	26
LP00452	9.9	18.6	5.57	75	3.26	1	264	0.8	0.38	6.16	0.18	1.3	23
LP00453	11.4	17.1	5.23	76.1	3.21	1	350	1	0.33	9.84	0.17	2.61	24
LP00454	8.8	14.9	4.58	89.4	2.66	1	339	0.8	0.28	7.57	0.14	1.51	15
LP00455	9.3	14.1	4.28	75.7	2.55	1	274	0.8	0.27	7.1	0.14	1.55	16
LP00456	8.7	11.6	3.33	105.5	2.09	1	233	0.7	0.21	6.05	0.13	1.32	15
LP00457	9.4	17.2	5.04	67.2	3.32	1	330	0.8	0.32	7.22	0.16	1.89	23
LP00458	8.5	14.5	4.1	73.7	2.36	1	506	0.7	0.27	4	0.12	0.94	32
LP00459	10.2	22.4	6.71	65.2	3.82	1	461	0.8	0.43	7.97	0.17	1.65	33
LP00460	9.6	25.3	7.18	72.1	4.68	1	476	0.8	0.49	5.19	0.18	1.04	32
LP00461	9.7	33.5	8.6	90.4	6.68	2	824	0.5	0.79	2.33	0.35	0.82	92
LP00462	18	101.5	29.8	100	17.3	2	391	0.9	1.8	26.5	0.63	1.9	54
LP00463	25.2	65.8	17.05	69	13.15	2	500	1.3	1.7	4.03	0.76	0.95	62
LP00464	8.3	27.9	7.97	40.4	4.76	1	1060	0.5	0.47	4.49	0.18	1.2	68
LP00465	26	105	27.5	58.1	19.6	2	480	1.1	2.06	9.57	0.81	1.05	76
LP00466	10.7	17.5	5.28	87.5	3.01	1	348	0.8	0.31	10.4	0.16	2.82	23
LP00467	17.7	71.6	18.35	58.1	13.6	1	442	0.7	1.43	3.23	0.53	0.88	68
LP00468	9.1	14.9	4.33	69.5	2.7	1	346	0.7	0.29	7.1	0.13	1.9	23

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SAMPLE	Nb	Nd	Pr	Rb	Sm	Sn	Sr	Ta	Tb	Th	Tm	U	V
UNITS	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
LP00469	9.3	14.6	4.22	65.4	2.41	1	279	0.7	0.28	6.53	0.14	1.98	21
LP00470	27.2	105	27.8	99	20.3	3	220	1.3	2.48	9.07	1.07	1.86	77

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SAMPLE	W	Y	Yb	Zr
UNITS	ppm	ppm	ppm	ppm
LP00119	6	32.5	2.85	274
LP00120	1	21.3	2.08	240
LP00121	7	13.2	1.49	161
LP00122	1	49.8	4.21	683
LP00123	9	33.7	3.53	224
LP00124	<1	5.5	0.62	112
LP00125	5	11.1	1.2	133
LP00126	<1	3	0.4	78
LP00127	11	21.4	2.06	245
LP00128	2	12.3	1.31	208
LP00129	1	18.4	1.67	194
LP00130	<1	6.6	0.85	188
LP00131	4	9.4	1.14	76
LP00132	18	18.9	1.83	49
LP00133	<1	20.9	2.4	71
LP00134	5	5.9	0.65	170
LP00135	<1	4.5	0.63	83
LP00136	<1	6.7	0.78	87
LP00137	2	10.4	1.37	140
LP00138	<1	5.8	0.55	88
LP00139	1	8.3	0.93	105
LP00140	1	53.8	5.03	436
LP00141	3	41.2	3.37	561
LP00142	<1	3.9	0.29	124
LP00143	<1	8.5	0.98	121
LP00144	1	9.8	0.97	124
LP00145	2	53	4.58	539
LP00146	2	50.8	4.31	444
LP00147	1	16.7	1.42	55
LP00148	1	7.3	0.86	155
LP00149	1	59.2	5.12	561
LP00150	<1	5.3	0.52	127
LP00151	<1	6.2	0.55	122
LP00152	1	16.1	1.25	165
LP00153	1	61.8	5.44	554

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SAMPLE	W	Y	Yb	Zr
UNITS	ppm	ppm	ppm	ppm
LP00154	1	57.6	4.9	494
LP00155	1	10	0.96	143
LP00156	2	13.3	1.34	204
LP00157	2	39.1	3.21	351
LP00158	<1	20.8	2.22	184
LP00159	1	7.9	0.86	145
LP00160	1	44.3	3.79	715
LP00161	1	56.8	4.89	517
LP00162	1	4.8	0.37	96
LP00163	1	59.5	4.97	589
LP00164	1	33	2.92	242
LP00165	1	55.7	4.49	527
LP00166	1	66.3	5.21	732
LP00167	1	8.1	0.89	146
LP00168	1	17.8	1.58	51
LP00169	<1	7.6	0.88	81
LP00170	<1	7.6	0.63	131
LP00171	1	5	0.4	186
LP00172	5	7.2	0.77	145
LP00173	1	10.7	1.2	189
LP00174	1	16.6	1.92	144
LP00175	1	10	1.11	112
LP00176	1	9.2	0.97	118
LP00177	1	9.1	0.8	109
LP00178	1	7.1	0.75	136
LP00179	1	8.3	0.95	132
LP00180	2	34.6	2.88	486
LP00181	1	6.9	0.72	136
LP00182	1	2.6	0.48	136
LP00183	1	20.4	2.37	132
LP00184	1	8.8	0.97	69
LP00185	2	31.4	3.56	418
LP00186	3	46.5	4.35	520
LP00187	1	6.9	0.71	74
LP00188	1	15.2	1.31	165

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SAMPLE	W	Y	Yb	Zr
UNITS	ppm	ppm	ppm	ppm
LP00189		1	44.5	3.82	577
LP00190		1	13.7	1.44	176
LP00191		1	2.4	0.26	78
LP00192		1	12.6	1.25	196
LP00193		1	26.5	2.07	283
LP00194		1	13.8	1.53	147
LP00195		1	24.3	2.88	223
LP00196		1	11	0.94	94
LP00197		1	17.1	1.9	158
LP00198		1	5.9	0.71	108
LP00199		1	10.8	1.16	155
LP00200		1	51.5	4.36	512
LP00201		1	53.2	4.76	685
LP00202		1	11.6	1.07	147
LP00203		1	10.7	0.89	133
LP00204	<1		11.6	1.06	131
LP00205	<1		11.4	1.05	147
LP00206		1	17.8	1.42	194
LP00207		1	13	1.23	269
LP00208		1	51.6	4.43	593
LP00209		1	50	4.34	577
LP00210		1	13.4	1.3	264
LP00211		1	10.7	1.26	172
LP00212		1	9.2	1.04	99
LP00213		1	34.9	3.36	261
LP00214		1	12.5	0.96	159
LP00215		1	16.4	1.52	294
LP00216		1	16.9	1.38	266
LP00217		1	28.8	2.97	149
LP00218		1	18.5	1.77	166
LP00219		1	10.6	0.87	113
LP00220		1	11.3	0.99	97
LP00221		1	8.5	0.84	101
LP00222		5	10.4	1.06	107
LP00223		1	13	1.2	146

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SAMPLE	W	Y	Yb	Zr
UNITS	ppm	ppm	ppm	ppm
LP00224		1	6.4	0.87	96
LP00225		1	9.7	0.86	187
LP00226		1	8	0.88	115
LP00227		1	8.1	0.92	444
LP00228		1	13.6	1.38	150
LP00229		1	19.3	1.73	180
LP00230		1	58.1	5.15	649
LP00231		1	9.9	1.03	173
LP00232	<1		12.1	1.17	155
LP00233		1	11.8	1.19	144
LP00234		1	6.6	0.76	192
LP00235		1	13.1	1.21	154
LP00236		1	13.8	1.37	163
LP00237		1	11.6	1.14	147
LP00238		1	7.6	0.94	106
LP00239	<1		10.3	1.14	112
LP00240	<1		27	2.76	116
LP00241		1	15.1	1.43	295
LP00242		1	12.2	1.27	118
LP00243	<1		14.8	1.42	241
LP00244	<1		12.5	1.33	172
LP00245		1	63.3	5.49	669
LP00246		1	41.5	3.29	393
LP00247		1	9.8	1	51
LP00248		1	12.8	1.13	113
LP00249		1	55.4	4.72	572
LP00250	<1		5.9	0.68	66
LP00251	<1		7.2	0.57	108
LP00252	<1		7.5	0.87	111
LP00253	<1		7.2	0.66	139
LP00254	<1		3.9	0.72	32
LP00255		1	6	0.65	191
LP00256		1	30.1	3.61	78
LP00257	<1		16.5	1.72	163
LP00258	<1		4.6	0.46	58

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SAMPLE	W	Y	Yb	Zr
UNITS	ppm	ppm	ppm	ppm
LP00259	<1	13.2	1.49	143
LP00260	<1	7.5	0.83	86
LP00261	<1	11.1	1.2	138
LP00262	<1	4.2	0.53	87
LP00263	2	15.3	1.52	155
LP00264	2	52.9	4.84	417
LP00265	1	26.3	2.6	121
LP00266	<1	11.9	1.28	102
LP00267	<1	8.4	1.05	55
LP00268	1	7.3	0.53	86
LP00269	1	22.2	2.24	182
LP00270	<1	3	0.39	115
LP00271	<1	8.9	1.12	148
LP00272	<1	5.6	0.54	149
LP00273	<1	6.1	0.61	179
LP00274	1	9	1.45	172
LP00275	1	5.8	0.61	154
LP00276	<1	7.8	0.78	98
LP00277	1	5.4	0.61	88
LP00278	<1	5.5	0.55	118
LP00279	<1	4.1	0.41	102
LP00280	<1	3.9	0.34	98
LP00281	<1	15.3	1.49	147
LP00282	<1	7.2	0.86	86
LP00283	<1	9.6	1.25	159
LP00284	2	25.9	2.22	396
LP00285	3	44.4	3.79	667
LP00286	2	40.9	3.15	502
LP00287	1	31.6	2.66	378
LP00288	<1	15.1	1.28	168
LP00289	1	51.6	3.93	940
LP00290	<1	6.9	0.75	123
LP00291	<1	4.4	0.47	144
LP00292	<1	5.4	0.54	167
LP00293	1	11.4	1.13	136

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SAMPLE	W	Y	Yb	Zr
UNITS	ppm	ppm	ppm	ppm
LP00294	<1	4.5	0.37	158
LP00295	<1	28.1	3.74	56
LP00296	1	5.7	0.51	194
LP00297	<1	5	0.53	114
LP00298	<1	7.3	0.75	100
LP00299	<1	9.2	0.74	143
LP00300	<1	23.4	2.07	394
LP00301	<1	15.2	1.33	276
LP00302	1	28.1	2.53	308
LP00303	1	55.6	4.56	676
LP00304	<1	19.7	1.97	427
LP00305	1	56.7	4.91	539
LP00306	<1	23.6	2.35	234
LP00307	1	52.9	4.21	571
LP00308	1	8	0.81	137
LP00309	2	61.2	5.23	620
LP00310	1	34.1	3.17	471
LP00311	1	12.7	1.12	279
LP00312	<1	12.6	1.06	228
LP00313	1	17.1	1.56	255
LP00314	1	45.4	3.7	542
LP00315	<1	21	2.05	161
LP00316	<1	13.6	1.23	140
LP00317	<1	11.3	1.07	140
LP00318	<1	11	0.9	142
LP00319	<1	23.1	1.99	186
LP00320	<1	11.4	1.03	164
LP00321	<1	10.6	0.85	160
LP00322	8	11	0.94	160
LP00323	1	11.2	1	163
LP00324	<1	8	0.73	112
LP00325	<1	11.2	1.02	174
LP00326	<1	9.8	0.95	162
LP00327	<1	10.2	1	126
LP00328	<1	20.8	1.89	137

La Paz Surface Mapping and Geochemical Sampling
Element Assay Results
March 2022

SAMPLE	W	Y	Yb	Zr
UNITS	ppm	ppm	ppm	ppm
LP00329		1	68.4	6.35	600
LP00330	<1		10.6	0.96	163
LP00331	<1		9.5	0.78	150
LP00332	<1		7.9	0.78	126
LP00333	<1		9.8	0.78	160
LP00334	<1		9	0.9	133
LP00335		1	33.2	2.91	344
LP00336	<1		12.6	1.22	171
LP00337		2	44.7	3.74	523
LP00338		1	9.8	0.89	160
LP00339		1	57.8	4.87	686
LP00340		1	56	4.74	628
LP00341	<1		13.4	1.2	184
LP00342		1	73.3	6.41	590
LP00343		1	54	4.48	612
LP00344	<1		11.7	0.97	161
LP00345		2	37.2	3.28	467
LP00346	<1		9.5	0.74	168
LP00347		1	25.8	2.18	343
LP00348	<1		16.8	1.29	249
LP00349		2	38.4	3.63	308
LP00350		1	61.7	5.1	864
LP00351	<1		13.2	1	242
LP00352		1	44	3.96	573
LP00353		1	43.2	3.98	460
LP00354		1	14.1	1.21	152
LP00355		1	49.6	4.5	614
LP00356		2	16.3	1.8	202
LP00357		1	48.4	4.2	546
LP00358		1	24.7	2.01	258
LP00359		2	49.5	4.52	628
LP00360		1	44.7	4.17	407
LP00361	<1		8.5	0.7	134
LP00362		1	16.4	1.39	312
LP00363	<1		8.9	1.02	117

La Paz Surface Mapping and Geochemical Sampling
Element Assay Results
March 2022

SAMPLE	W	Y	Yb	Zr
UNITS	ppm	ppm	ppm	ppm
LP00364		1	55.9	4.74	684
LP00365	<1		8.7	0.87	136
LP00366		1	8.9	0.76	145
LP00367		1	60	5.06	722
LP00368	<1		14	1.79	147
LP00369		1	5.8	0.6	121
LP00370		1	61.2	5.56	519
LP00371		1	45.6	3.98	550
LP00372	<1		6.2	0.68	140
LP00373	<1		5.7	0.51	180
LP00374	<1		9	0.79	145
LP00375	<1		14.3	1.33	288
LP00376		1	10.7	1.06	190
LP00377		1	31.6	2.88	418
LP00378	<1		4.6	0.49	133
LP00379	<1		7.8	0.69	122
LP00380	<1		7.4	0.78	120
LP00381		2	16.9	1.58	187
LP00382		1	13.7	1.37	143
LP00383	<1		7.8	0.69	128
LP00384		3	54.3	5.01	510
LP00385	<1		5.7	0.54	114
LP00386		1	3.6	0.44	97
LP00387		1	16.8	1.42	225
LP00388	<1		8.3	0.66	139
LP00389	<1		8.3	0.8	128
LP00390	<1		14.2	1.23	305
LP00391	<1		7.7	0.96	97
LP00392		1	7.4	0.76	126
LP00393	<1		10.1	1.03	129
LP00394		1	10.6	1.06	125
LP00395	<1		61.2	5.53	635
LP00396	<1		42.2	3.65	461
LP00397	<1		16	1.45	266
LP00398		1	13.4	1.26	165

La Paz Surface Mapping and Geochemical Sampling
Element Assay Results
March 2022

SAMPLE	W	Y	Yb	Zr
UNITS	ppm	ppm	ppm	ppm
LP00399	<1	4.4	0.43	107
LP00400	<1	8.1	0.81	127
LP00401	<1	5.4	0.53	85
LP00402	1	20.4	2.04	96
LP00403	1	8.8	1.12	37
LP00404	7	55.3	5.03	613
LP00405	1	56.7	4.95	577
LP00406	1	43	4.66	255
LP00407	1	15.5	1.41	47
LP00408	2	15.3	1.4	324
LP00409	<1	18.6	1.79	126
LP00410	1	20.7	2.21	128
LP00411	1	22.4	2.27	146
LP00412	1	14.3	1.14	182
LP00413	1	8.7	0.96	73
LP00414	1	8.6	0.88	213
LP00415	<1	8.3	0.69	207
LP00416	<1	13.2	1.3	66
LP00417	1	12.9	1.16	69
LP00418	<1	9.2	0.81	150
LP00419	<1	9.6	0.85	152
LP00420	<1	9.5	0.88	149
LP00421	<1	9.3	0.89	145
LP00422	1	14.1	1.37	72
LP00423	<1	10.2	0.92	153
LP00424	1	13.4	1.24	156
LP00425	<1	11.9	1.14	144
LP00426	1	8.1	1.09	132
LP00427	1	24.1	1.84	242
LP00428	1	13.6	1.5	148
LP00429	1	3.6	0.45	111
LP00430	1	14.1	1.13	172
LP00431	<1	13.8	1.26	172
LP00432	2	7	0.78	93
LP00433	1	8.7	0.96	122

La Paz Surface Mapping and Geochemical Sampling
Element Assay Results
March 2022

SAMPLE	W	Y	Yb	Zr
UNITS	ppm	ppm	ppm	ppm
LP00434		1	11.8	1.12	153
LP00435		1	12.2	1.29	136
LP00436	<1		11.8	1.3	151
LP00437	<1		6.8	0.75	89
LP00438		2	32.3	3.19	263
LP00439	<1		6.7	0.68	136
LP00440		1	17	1.68	124
LP00441		1	16.6	1.48	345
LP00442	<1		9.9	0.84	154
LP00443		2	20.2	1.78	151
LP00444		1	31.8	2.94	393
LP00445		1	14.1	1.31	157
LP00446		1	61.6	5.14	701
LP00447		1	48.5	4.28	447
LP00448		1	63.6	5.55	688
LP00449		1	11	1.09	221
LP00450	<1		12.1	1.22	148
LP00451		35	11.3	1.1	125
LP00452	<1		12.2	1.14	124
LP00453	<1		11.5	1.21	129
LP00454	<1		9.5	1.04	86
LP00455	<1		9.5	1	84
LP00456	<1		8.5	0.99	92
LP00457		1	11	1.14	125
LP00458	<1		8.7	0.89	119
LP00459	<1		12.6	1.21	173
LP00460	<1		14.4	1.2	164
LP00461		1	23.3	2.08	259
LP00462		1	47.5	3.84	448
LP00463		3	51.5	4.66	502
LP00464	<1		13.2	1.24	347
LP00465		4	57.9	4.69	794
LP00466	<1		10.6	1.09	124
LP00467		2	40.5	3.38	560
LP00468	<1		9.8	0.99	110

La Paz Surface Mapping and Geochemical Sampling
Element Assay Results
March 2022

SAMPLE	W	Y	Yb	Zr
UNITS	ppm	ppm	ppm	ppm
LP00469	<1	9.3	0.98	111
LP00470	3	77.6	6.35	603

Appendix E – Summary of Whole Sample Analyses

La Paz Surface Mapping and Geochemical Sampling
Whole Rock Analysis Results
Sampled December 2021

SAMPLE	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI	Total
UNITS	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
LP00119	47.9	10.6	3.29	14.6	0.88	1.32	5.4	0.005	0.52	0.6	0.2	0.04	0.4	13.25	99.01
LP00120	55.8	10.05	2.09	11.75	0.39	1.08	6.11	0.002	0.34	0.09	0.18	0.03	0.49	10.2	98.6
LP00121	72.2	14.75	1.63	1.76	0.34	3.83	4.69	<0.002	0.27	0.03	0.11	0.06	0.14	0.98	100.79
LP00122	60.7	14.9	6.7	3.5	1.41	2.82	4.28	<0.002	1.19	0.15	0.42	0.05	0.27	1.67	98.06
LP00123	69.9	15.1	2.35	2.38	0.53	3.92	4.45	<0.002	0.35	0.03	0.11	0.07	0.15	1.21	100.55
LP00124	71.7	14.2	1.6	1.43	0.27	3.67	4.79	<0.002	0.15	0.02	0.05	0.05	0.13	0.79	98.85
LP00125	72.1	15.1	1.3	2.08	0.39	3.73	5.04	<0.002	0.2	0.02	0.07	0.07	0.2	0.99	101.29
LP00126	73.6	14.5	0.85	2.46	0.21	3.73	4.39	<0.002	0.07	0.01	0.02	0.07	0.17	1.61	101.69
LP00127	62.7	9.86	2.21	8.78	0.46	1.16	5.63	0.002	0.34	0.22	0.18	0.03	0.22	7.95	99.74
LP00128	44	8.48	2.1	19.8	0.27	0.18	6.54	0.006	0.34	0.07	0.26	0.02	0.25	16.05	98.37
LP00129	38.6	4.86	1.5	28.9	4.99	0.36	2.13	0.004	0.31	0.05	0.07	0.04	0.05	17.65	99.51
LP00130	73.7	2.12	1.62	12.4	0.24	0.03	0.35	<0.002	0.1	0.03	0.06	0.04	0.06	9.57	100.32
LP00131	73.1	14.65	1.14	1.6	0.3	4.04	4.58	<0.002	0.18	0.01	0.06	0.06	0.17	0.87	100.76
LP00132	76.4	14.05	0.82	0.93	0.14	4.91	3.59	<0.002	0.06	0.03	0.02	0.03	0.09	0.62	101.69
LP00133	73.1	14.95	1.26	1.66	0.2	4.14	4.43	<0.002	0.12	0.05	0.06	0.04	0.08	0.93	101.02
LP00134	70.8	16.1	1.8	2.52	0.52	4.52	3.64	<0.002	0.21	0.03	0.11	0.09	0.18	1.27	101.79
LP00135	69	13.05	1.1	4.81	0.21	3.25	4.77	<0.002	0.09	0.01	0.01	0.07	0.24	4.01	100.62
LP00136	72.3	14.4	1.34	1.55	0.26	3.38	5.38	<0.002	0.14	0.02	0.09	0.05	0.16	1.16	100.23
LP00137	71.2	15.9	1.64	1.74	0.46	3.96	4.92	0.002	0.26	0.03	0.1	0.08	0.26	1.02	101.57
LP00138	79.5	10.2	1.21	2.36	0.35	2.65	3.23	<0.002	0.18	0.02	0.07	0.04	0.12	1.99	101.92
LP00139	73	13.5	0.93	1.95	0.16	3.58	5.28	0.002	0.19	0.05	0.08	0.04	0.17	1.52	100.45
LP00140	65.6	13.15	5.65	2.97	1.24	3.17	3.17	<0.002	0.94	0.06	0.35	0.04	0.13	1.54	98.01
LP00141	61.3	13.6	3.84	10.35	0.09	3.59	1.91	<0.002	0.94	0.1	0.35	0.11	0.06	4.34	100.58
LP00142	68.2	16.65	2.3	2.48	0.57	4.69	3.87	<0.002	0.33	0.02	0.13	0.09	0.19	1.23	100.75
LP00143	71.4	15.4	1.52	2.01	0.29	4.15	4.59	<0.002	0.19	0.02	0.06	0.08	0.18	1.21	101.1
LP00144	72.3	14.05	1.35	2.53	0.61	4.07	3.77	<0.002	0.24	0.01	0.06	0.06	0.18	1.16	100.39
LP00145	64.2	13.15	8.23	3.59	1.56	3.74	2.03	<0.002	1.42	0.14	0.5	0.04	0.15	1.28	100.03
LP00146	65.1	13.8	6.29	3.47	1.53	3.13	3.31	<0.002	1.09	0.13	0.39	0.05	0.16	1.78	100.23
LP00147	43.7	15.7	13.45	8.75	8.5	2.09	1.74	0.024	1.86	0.44	0.46	0.07	0.03	2.52	99.33
LP00148	73.7	12.8	3.31	1.98	0.62	3.28	3.43	<0.002	0.32	0.07	0.04	0.03	0.11	1.13	100.82
LP00149	63.4	13.3	7.36	3.52	1.44	2.46	4.14	<0.002	1.24	0.12	0.48	0.04	0.23	1.34	99.07
LP00150	70.1	15.45	2.43	2.06	0.81	3.59	4.66	<0.002	0.24	0.04	0.08	0.05	0.23	1.17	100.91
LP00151	70.5	15.45	2.38	2.01	0.77	3.98	4.62	<0.002	0.22	0.04	0.09	0.06	0.24	1.02	101.38
LP00152	70.5	14.4	3.16	2.21	0.91	2.86	5.23	<0.002	0.39	0.05	0.16	0.07	0.25	1.21	101.4
LP00153	62.7	13.35	8.61	4.02	1.74	2.1	4.07	<0.002	1.53	0.15	0.56	0.04	0.17	2	101.04
LP00154	63.3	13.2	8.26	3.51	1.46	2.38	4.35	<0.002	1.39	0.13	0.48	0.04	0.17	1.31	99.98
LP00155	63	16.25	4.72	3.66	1.86	3.55	3.02	0.002	0.41	0.1	0.18	0.08	0.15	2.13	99.11
LP00156	52.8	9.53	2.24	14.85	0.32	0.2	7.63	0.006	0.37	0.1	0.17	0.02	0.41	11.85	100.5
LP00157	56.5	10.6	2.77	11.1	0.35	0.17	8.46	0.006	0.57	0.11	0.29	0.02	0.37	8.69	100.01
LP00158	69.9	14.5	1.85	1.64	0.35	4.07	4.89	<0.002	0.22	0.03	0.1	0.05	0.19	0.96	98.75
LP00159	66.2	15.2	1.7	3.58	0.43	4.34	4.56	<0.002	0.25	0.02	0.06	0.09	0.25	2.25	98.93
LP00160	62.6	15.6	5.53	3.63	1.46	3.27	4.26	0.002	1.04	0.1	0.37	0.06	0.22	1.93	100.07
LP00161	61.6	13.15	9.06	3.87	1.8	2.17	4.02	<0.002	1.5	0.13	0.57	0.04	0.21	1.96	100.08
LP00162	69.4	16.75	2.22	2.4	0.71	3.89	4.51	0.002	0.2	0.05	0.09	0.08	0.35	1.24	101.89
LP00163	64.5	13.3	8.26	3.55	1.4	2.03	4.31	0.002	1.3	0.13	0.5	0.03	0.17	1.6	101.08
LP00164	52.2	17.7	9.79	6.78	4.58	3.55	2.69	<0.002	1.42	0.18	0.41	0.14	0.09	1.98	101.51

La Paz Surface Mapping and Geochemical Sampling
Whole Rock Analysis Results
Sampled December 2021

SAMPLE	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI	Total
UNITS	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
LP00165	64.9	14.7	6.53	4.49	1.32	3.22	2.96	0.003	1.03	0.05	0.37	0.09	0.16	1.28	101.1
LP00166	63.7	14.35	7.62	3.62	1.63	2.73	3.54	0.004	1.26	0.07	0.47	0.04	0.21	1.56	100.8
LP00167	72.4	14.85	1.66	1.28	0.35	3.62	5.79	0.003	0.2	0.02	0.07	0.06	0.3	0.65	101.25
LP00168	71.4	13.85	0.96	1.42	0.07	4.83	4.03	<0.002	0.03	0.07	0.02	0.01	0.02	1.33	98.04
LP00169	71.1	16.25	1.17	1.62	0.43	4.85	3.98	0.002	0.17	0.02	0.08	0.08	0.16	0.91	100.82
LP00170	72	15	1.94	1.95	0.54	4.3	4.07	0.002	0.24	0.03	0.11	0.07	0.16	1.01	101.42
LP00171	69.5	15.9	1.81	1.55	0.34	4.79	4.35	<0.002	0.26	0.03	0.08	0.08	0.23	1.05	99.97
LP00172	68.1	17.1	2.45	2.15	0.44	5.12	4.09	0.002	0.36	0.04	0.12	0.09	0.19	0.76	101.01
LP00173	69.9	16.15	1.99	2.16	0.38	4.24	5.28	0.004	0.31	0.04	0.1	0.07	0.2	0.81	101.63
LP00174	66.9	17.7	2.53	2.3	0.56	5.63	3.72	0.002	0.43	0.05	0.16	0.08	0.15	0.96	101.17
LP00175	75	13.45	1.42	1.57	0.34	3.41	4.04	0.003	0.16	0.02	0.05	0.05	0.12	0.89	100.52
LP00176	72.5	14.6	1.53	1.34	0.26	3.7	5.29	0.003	0.15	0.03	0.05	0.05	0.19	0.83	100.52
LP00177	68.1	15.3	1.51	1.82	0.62	4.38	4.74	0.002	0.21	0.03	0.1	0.07	0.16	1.16	98.2
LP00178	70.3	16.1	1.64	1.64	0.39	4.24	5.22	<0.002	0.23	0.03	0.1	0.07	0.2	0.92	101.08
LP00179	68.7	15.5	1.94	1.72	0.43	4.24	4.69	<0.002	0.28	0.03	0.11	0.06	0.17	0.82	98.69
LP00180	63.3	12.9	5.19	10.75	0.09	2.09	1.7	<0.002	0.82	0.08	0.32	0.14	0.06	2.86	100.3
LP00181	68.6	16.3	1.85	2.23	0.44	5.05	4.03	<0.002	0.32	0.02	0.1	0.09	0.21	1.04	100.28
LP00182	75.8	14.15	0.94	1.36	0.21	3.54	4.7	0.003	0.07	0.01	<0.01	0.06	0.15	0.72	101.71
LP00183	77.5	12.5	0.93	1.14	0.2	2.83	5.06	0.004	0.16	0.01	<0.01	0.03	0.08	0.48	100.92
LP00184	73.8	14.4	1.26	1.6	0.25	4.05	4.13	0.002	0.11	0.02	0.04	0.05	0.16	0.69	100.56
LP00185	64.5	13.4	4.6	5.02	0.27	3	5.74	<0.002	0.84	0.11	0.33	0.04	0.03	3.06	100.94
LP00186	58.4	15.2	7.67	7.22	2.56	2.96	1.22	0.004	1.47	0.08	0.48	0.1	0.04	3.14	100.54
LP00187	72.3	14.6	1.15	2.3	0.28	3.45	5.17	0.002	0.12	0.01	0.07	0.06	0.25	1.36	101.12
LP00188	68.2	14.5	3.33	3.42	1.27	3.86	3.04	0.004	0.43	0.04	0.15	0.09	0.2	1.43	99.96
LP00189	67.7	13.65	4.01	6.35	0.74	3.83	1.6	0.002	0.95	0.05	0.33	0.1	0.05	1.62	100.98
LP00190	69.5	15.45	2.28	2.16	0.79	4.84	3.3	0.003	0.39	0.03	0.14	0.08	0.23	0.9	100.09
LP00191	74.9	14.35	0.92	1.37	0.27	4.13	3.96	0.003	0.08	0.02	0.04	0.06	0.19	0.78	101.07
LP00192	73.8	13.9	1.66	2.91	0.41	3.98	3.09	0.002	0.23	0.02	0.11	0.05	0.11	1.5	101.77
LP00193	63.4	16.45	4.75	2.79	1.82	3.39	4.21	0.003	0.7	0.05	0.26	0.08	0.19	1.91	100
LP00194	69.5	13.65	2.79	3.58	0.65	3.1	5.06	<0.002	0.34	0.07	0.11	0.05	0.15	2.52	101.57
LP00195	60.4	10.05	2.71	10.45	0.69	2.2	4.65	<0.002	0.49	0.1	0.17	0.03	0.1	9	101.04
LP00196	72.7	11.55	4.25	6.18	0.18	1.94	1.78	0.005	0.23	0.06	0.09	0.08	0.07	1.02	100.14
LP00197	64.2	13.75	2.59	3.83	0.96	1.92	7.14	<0.002	0.34	0.12	0.11	0.03	0.27	3.76	99.02
LP00198	72.4	13.35	1.96	0.81	0.55	2.9	6.01	0.002	0.22	0.02	0.09	0.03	0.18	0.98	99.5
LP00199	68.8	15.05	2.59	2.04	0.79	3.43	4.92	<0.002	0.34	0.03	0.13	0.05	0.21	1.31	99.69
LP00200	64.8	14.1	6.41	3.56	1.24	2.45	4.94	0.004	1.04	0.07	0.35	0.06	0.21	1.09	100.32
LP00201	61.1	13.65	6.86	3.29	1.78	2.53	4.7	0.002	1.26	0.09	0.52	0.06	0.18	2.05	98.07
LP00202	70.1	14.7	3.19	1.66	1.08	3.17	5.27	0.003	0.38	0.03	0.13	0.06	0.26	1.35	101.38
LP00203	73.8	13.35	2.07	1.72	0.49	3.46	4.88	0.002	0.28	0.03	0.1	0.05	0.2	1.11	101.54
LP00204	72.1	13.6	1.9	1.21	0.7	3.03	5.43	0.002	0.3	0.02	0.1	0.05	0.21	0.91	99.56
LP00205	71.3	14.25	2.27	1.36	0.99	3.15	5.48	0.002	0.29	0.03	0.1	0.05	0.22	1.28	100.77
LP00206	68.3	14.85	3.31	2.06	1.38	2.94	4.65	0.004	0.49	0.05	0.19	0.06	0.28	1.69	100.25
LP00207	59.3	18.2	3.99	4.03	1.78	4.07	3.51	0.002	0.58	0.06	0.24	0.13	0.23	1.89	98.01
LP00208	65.1	13.9	7.14	3.15	1.78	2.31	4.66	0.004	1.2	0.05	0.48	0.05	0.21	1.83	101.86
LP00209	65.3	13.7	5.96	2.99	1.41	2.09	5.1	0.005	1.08	0.06	0.39	0.05	0.22	1.63	99.99
LP00210	61.4	17.4	4.47	3.63	1.94	4.11	3.28	0.006	0.65	0.07	0.23	0.12	0.25	1.86	99.42

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SAMPLE	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI	Total
UNITS	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
LP00211	65.6	17.15	2.14	2.35	0.49	4.74	4.9	0.002	0.37	0.03	0.12	0.09	0.22	0.79	98.99
LP00212	71.6	14.45	1.87	2.12	0.35	4.82	3.29	0.002	0.2	0.02	0.09	0.05	0.1	0.97	99.93
LP00213	65.5	15.4	2.16	4.74	0.07	5.99	2.08	<0.002	0.79	0.04	0.26	0.07	0.04	1.68	98.82
LP00214	62.2	14.1	1.53	6.13	0.43	3.92	6.08	<0.002	0.32	0.02	0.12	0.02	0.1	5.25	100.22
LP00215	59.9	4.37	1.55	17.85	0.71	0.63	1.91	0.004	0.22	0.05	0.11	0.04	0.05	13.2	100.59
LP00216	63.7	17.75	4.18	3.65	1.7	4.18	3.27	0.003	0.59	0.06	0.22	0.13	0.21	1.55	101.19
LP00217	74.2	13.15	2.11	2	0.52	3.2	4.85	0.002	0.27	0.04	0.1	0.03	0.09	0.95	101.51
LP00218	63.9	15.75	4.58	3.65	2.08	3.21	4.03	0.003	0.58	0.08	0.19	0.09	0.24	1.62	100
LP00219	68.3	14.65	3.09	4.51	0.09	4.08	3.63	<0.002	0.24	0.08	0.11	0.09	0.05	1.31	100.23
LP00220	65.9	14	2.91	5.72	0.19	4.02	4.2	<0.002	0.22	0.07	0.06	0.07	0.1	3.1	100.56
LP00221	67.8	14.65	3.28	3.93	0.58	3.89	3.36	<0.002	0.21	0.08	0.07	0.09	0.1	1.2	99.24
LP00222	72	13.35	1.93	1.48	0.5	3.13	4.93	0.003	0.21	0.02	0.06	0.04	0.14	0.88	98.67
LP00223	68.6	14.75	2.91	3.52	0.62	3.81	4.42	0.002	0.31	0.05	0.11	0.08	0.16	1.76	101.1
LP00224	75.3	13.05	1.5	0.81	0.37	3.94	4.39	<0.002	0.19	0.01	0.05	0.04	0.15	0.66	100.46
LP00225	64.4	17.9	3.02	4.28	1.28	4.54	3.1	0.004	0.4	0.05	0.14	0.12	0.18	1.63	101.04
LP00226	73.6	14.15	1.66	1.14	0.45	3.49	5.21	0.004	0.22	0.02	0.1	0.03	0.15	0.71	100.93
LP00227	81.2	1.52	0.52	8.17	0.07	0.57	0.31	0.007	0.19	0.04	0.03	0.01	0.01	6.5	99.15
LP00228	71.5	14.6	2.57	1.72	0.97	3.19	5.03	0.003	0.34	0.02	0.11	0.05	0.19	1.08	101.37
LP00229	64.5	16.4	4.36	3.05	2.34	3.66	4.27	0.002	0.61	0.08	0.19	0.08	0.17	1.66	101.37
LP00230	62.7	14.4	6.21	4.42	1.69	2.4	4.4	0.003	1.19	0.08	0.47	0.07	0.28	1.76	100.07
LP00231	71.5	14.7	1.62	1.42	0.44	3.44	5.57	<0.002	0.21	0.02	0.06	0.06	0.2	0.57	99.81
LP00232	67	15.95	3.58	5.13	0.52	5.28	1.67	<0.002	0.37	0.04	0.12	0.11	0.04	1.03	100.84
LP00233	65.2	17.05	3.14	2.69	1.16	4.74	3.64	<0.002	0.43	0.04	0.17	0.1	0.17	1.27	99.8
LP00234	68.4	15.95	1.87	1.99	0.56	3.82	5.68	<0.002	0.24	0.02	0.1	0.07	0.33	0.83	99.86
LP00235	67.5	15.6	2.76	2.47	1.36	3.82	4.05	0.002	0.41	0.03	0.13	0.07	0.21	1.23	99.64
LP00236	68	15.25	2.69	2.66	0.75	4.39	4.07	0.003	0.35	0.03	0.11	0.07	0.14	0.91	99.42
LP00237	72.5	14.65	2.24	1.37	0.89	3.59	4.91	0.003	0.31	0.02	0.1	0.04	0.19	0.94	101.75
LP00238	72.6	13.4	1.23	0.84	0.5	3.1	5.53	0.002	0.19	0.02	0.05	0.03	0.16	0.71	98.36
LP00239	72.6	13.5	1.74	1.49	0.45	3.22	5.04	0.002	0.19	0.02	0.07	0.03	0.14	0.99	99.48
LP00240	72.3	12.65	2.08	1.3	0.56	2.64	5.28	<0.002	0.25	0.02	0.05	0.03	0.09	0.76	98.01
LP00241	61	19.25	4.11	4.49	1.62	4.91	2.51	0.002	0.61	0.05	0.22	0.12	0.16	1.64	100.69
LP00242	74.7	13.65	1.74	1.36	0.52	5.05	2.82	0.003	0.25	0.01	0.08	0.03	0.08	1.05	101.34
LP00243	58.6	17.7	5.24	4.01	2.03	4.49	3.33	<0.002	0.76	0.07	0.32	0.1	0.13	1.89	98.67
LP00244	66.8	15.7	1.74	2.3	0.44	3.92	5.68	0.002	0.21	0.03	0.1	0.05	0.3	1.54	98.81
LP00245	53.5	18.1	5.74	9.17	0.09	5.74	2.02	0.002	1.3	0.04	0.5	0.13	0.03	2.18	98.54
LP00246	60.9	14.65	5.57	8.07	0.27	2.81	2.89	<0.002	0.74	0.06	0.27	0.13	0.03	1.82	98.21
LP00247	75.7	12.6	1.22	1.54	0.06	3.59	4.98	<0.002	0.05	0.03	<0.01	0.02	0.08	0.78	100.65
LP00248	50.2	19	6.59	11.5	0.13	5.47	1.58	<0.002	0.31	0.07	0.1	0.18	0.01	3.01	98.15
LP00249	64.6	14.7	6.88	2.7	1.8	2.98	4.51	0.002	1.12	0.07	0.42	0.04	0.23	1.5	101.55
LP00250	73.1	14.25	1.13	0.99	0.2	3.69	5.7	<0.002	0.08	0.02	0.05	0.03	0.12	0.65	100.01
LP00251	70.4	14.95	2.72	4.49	0.14	4.84	2.56	<0.002	0.23	0.03	0.07	0.09	0.06	0.97	101.55
LP00252	66.9	14.3	2.05	4.24	0.32	3.93	4.49	<0.002	0.22	0.02	0.06	0.06	0.16	2.81	99.56
LP00253	66.9	15.75	2.41	3.44	0.55	4.27	4.28	<0.002	0.37	0.03	0.13	0.09	0.2	1.79	100.21
LP00254	69	12.45	0.6	4.38	0.14	4.51	3.43	<0.002	0.04	0.01	0.01	0.02	0.04	3.43	98.06
LP00255	69.7	15.4	1.87	2.03	0.33	5.07	4.1	<0.002	0.27	0.02	0.08	0.06	0.2	1.16	100.29
LP00256	75.3	11.45	1.15	2.51	0.18	2.51	5.66	<0.002	0.12	0.01	0.04	0.01	0.05	1.75	100.74

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UNITS	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
LP00257	69.2	15.9	2.36	2.18	0.63	4.12	4.72	<0.002	0.42	0.03	0.14	0.07	0.2	0.65	100.62
LP00258	76.7	13.3	1.04	1.32	0.09	3.19	5.03	<0.002	0.04	0.01	0.01	0.05	0.27	0.33	101.38
LP00259	72.7	14.5	1.92	1.58	0.6	3.9	4.4	<0.002	0.24	0.03	0.07	0.06	0.22	0.75	100.97
LP00260	74.4	13.95	1.62	1.76	0.48	3.76	4.17	<0.002	0.16	0.02	0.06	0.03	0.12	0.91	101.44
LP00261	66.2	14.75	1.97	4.62	0.45	4.15	4.43	<0.002	0.3	0.02	0.09	0.06	0.16	3	100.2
LP00262	72.7	14.4	1.11	1.8	0.25	4.32	3.45	<0.002	0.11	0.01	0.02	0.07	0.13	0.58	98.95
LP00263	52.8	10.45	3.75	12.1	0.57	0.95	6.76	0.009	0.51	0.17	0.18	0.03	0.43	10.35	99.06
LP00264	66.2	12.4	5.9	2.89	1.87	1.69	4.66	0.003	0.85	0.05	0.28	0.05	0.26	2.13	99.23
LP00265	60.5	9.15	4.18	9.44	0.11	0.04	7.76	0.002	0.4	0.14	0.13	0.01	0.05	7.48	99.39
LP00266	64.4	12.9	1.44	6.88	0.41	3.5	4.1	<0.002	0.19	0.02	0.07	0.04	0.14	5.56	99.65
LP00267	70.2	15.95	1.64	2.55	0.37	4.51	3.78	0.002	0.21	0.03	0.09	0.09	0.15	1.07	100.64
LP00268	64.2	13	2.71	7.81	0.07	4.25	2.78	<0.002	0.22	0.03	0.11	0.07	0.1	4.59	99.94
LP00269	69.7	15.1	2.87	2.18	0.6	4.15	4.3	<0.002	0.44	0.03	0.16	0.05	0.18	0.77	100.53
LP00270	72.4	15.5	1.48	1.98	0.37	4.48	4.2	<0.002	0.2	0.02	0.07	0.09	0.24	0.8	101.83
LP00271	71.7	15.1	1.72	1.62	0.27	3.86	5.65	<0.002	0.22	0.02	0.06	0.06	0.22	0.75	101.25
LP00272	68.1	14.65	1.77	3.03	0.31	4.03	4.63	<0.002	0.24	0.02	0.06	0.07	0.2	1.82	98.93
LP00273	71.1	15.3	1.82	1.72	0.28	5.02	4.28	<0.002	0.26	0.02	0.06	0.06	0.21	0.88	101.01
LP00274	70.8	5.81	0.7	10.7	0.24	1.46	2.52	0.002	0.09	0.05	0.04	0.01	0.08	8.88	101.38
LP00275	71.5	15.4	1.92	1.75	0.3	4.53	4.67	<0.002	0.25	0.02	0.08	0.07	0.22	0.85	101.56
LP00276	75.8	13.65	1.2	1.13	0.21	3.51	5.36	<0.002	0.12	0.01	0.01	0.03	0.15	0.72	101.9
LP00277	70.4	15.85	1.66	1.65	0.34	4.43	4.89	<0.002	0.22	0.03	0.07	0.08	0.22	0.79	100.63
LP00278	71.6	14	1.4	2.96	0.26	3.77	5.1	<0.002	0.17	0.02	0.04	0.05	0.18	2.19	101.74
LP00279	69.8	15.5	1.79	2.09	0.51	4.83	3.78	<0.002	0.31	0.03	0.11	0.08	0.18	1.08	100.09
LP00280	70.8	14.55	1.46	1.28	0.25	3.38	5.82	0.002	0.13	0.02	0.06	0.04	0.15	0.52	98.46
LP00281	73.6	14.2	1.99	1.48	0.32	3.96	4.8	<0.002	0.23	0.01	0.09	0.05	0.13	0.64	101.5
LP00282	73.9	14.8	1.49	1.64	0.18	4.09	4.59	<0.002	0.08	0.02	0.05	0.05	0.14	0.79	101.82
LP00283	72.2	14.95	1.6	1.6	0.43	3.34	6.08	<0.002	0.21	0.03	0.07	0.04	0.21	0.96	101.72
LP00284	65	12.8	6.18	7.17	1.65	2.48	0.45	0.004	0.77	0.07	0.3	0.12	0.01	1.84	98.84
LP00285	60.3	14.45	6.07	6.77	1.99	3.44	1.31	<0.002	1.08	0.07	0.41	0.09	0.01	2.48	98.47
LP00286	63.9	11.85	3.84	8.89	0.07	3.34	1.74	<0.002	0.78	0.09	0.3	0.08	0.03	3.93	98.84
LP00287	64	14.4	5.57	8.37	0.2	3.06	1.84	0.002	0.67	0.09	0.24	0.14	0.02	1.73	100.33
LP00288	71.2	13	2.04	2.4	0.31	3.36	4.73	<0.002	0.2	0.03	0.07	0.05	0.2	3.81	101.4
LP00289	60.4	15.5	8.36	4.96	1.84	3.64	1.81	<0.002	1.43	0.14	0.53	0.09	0.22	1.86	100.78
LP00290	72.2	15.15	1.8	1.74	0.25	3.96	5.34	<0.002	0.2	0.02	0.06	0.06	0.17	0.81	101.76
LP00291	71.5	13.55	1.79	1.16	0.32	2.96	5.85	0.002	0.22	0.02	0.05	0.04	0.15	0.75	98.36
LP00292	71.5	14.3	2.19	1.45	0.39	3.43	5.25	0.002	0.22	0.03	0.06	0.05	0.17	0.62	99.66
LP00293	72.5	14.25	1.62	1.72	0.38	4.16	4.43	<0.002	0.18	0.04	0.06	0.04	0.18	1.48	101.04
LP00294	64.3	17.25	3.58	3.04	0.78	4.93	3.76	<0.002	0.49	0.04	0.2	0.1	0.26	1.37	100.1
LP00295	75.9	13.9	0.93	0.96	0.06	4.87	3.62	<0.002	0.02	0.02	0.01	0.02	0.04	0.64	100.99
LP00296	68.3	15.9	1.94	2.51	0.33	5.06	4.23	<0.002	0.27	0.01	0.09	0.07	0.21	1.83	100.75
LP00297	71.5	15.6	1.89	1.72	0.36	4.42	4.57	<0.002	0.25	0.02	0.06	0.08	0.22	0.88	101.57
LP00298	72.8	13.55	1.28	1.17	0.23	3.64	4.87	<0.002	0.12	0.02	0.04	0.02	0.11	0.85	98.7
LP00299	71.2	15.25	2.62	2.1	0.92	3.49	4.36	0.002	0.34	0.04	0.1	0.07	0.3	1.2	101.99
LP00300	52.3	18.55	7.56	6.3	2.89	4.27	1.56	<0.002	1.18	0.11	0.49	0.11	0.12	2.85	98.29
LP00301	58.9	18.9	5.04	4.54	1.98	4.93	1.93	0.002	0.68	0.08	0.29	0.1	0.16	2.77	100.3
LP00302	57.5	16.8	7.45	4.5	2.4	4.52	2.79	<0.002	1.24	0.1	0.37	0.07	0.15	2.5	100.39

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UNITS	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
LP00303	63.7	13.85	7.78	3.4	1.72	3.42	2.5	0.002	1.24	0.09	0.48	0.04	0.17	2.17	100.56
LP00304	57.4	18.3	6.46	4.25	2.34	5.05	1.98	<0.002	0.97	0.12	0.33	0.09	0.15	3.08	100.52
LP00305	67.8	13.3	4.69	6.53	1.02	4.36	0.1	0.002	1	0.05	0.39	0.08	0.01	1.71	101.04
LP00306	56.6	16.25	8.12	5.57	2.91	4.03	2.45	<0.002	1.21	0.12	0.35	0.07	0.14	2.31	100.13
LP00307	67.3	12.8	4.72	5.5	0.82	2.51	2.74	<0.002	0.99	0.06	0.37	0.07	0.13	1.72	99.73
LP00308	70.5	14.95	2.85	2.75	0.89	3.7	3.57	<0.002	0.32	0.03	0.11	0.06	0.23	1.17	101.13
LP00309	63.1	12.95	6.7	4.41	1.26	3.58	2.31	<0.002	1.18	0.08	0.41	0.08	0.1	1.91	98.07
LP00310	56.4	17.25	8.22	4.82	2.69	4.07	2.67	<0.002	1.32	0.1	0.52	0.08	0.18	2.6	100.92
LP00311	60.5	17.3	5.27	3.85	2.09	4.66	2.29	0.003	0.71	0.08	0.28	0.09	0.14	2.38	99.64
LP00312	62.9	18.1	4.59	3.85	1.79	4.47	2.95	0.003	0.65	0.07	0.24	0.1	0.17	1.79	101.67
LP00313	58	17.8	5.45	2.5	2.26	5.85	3.02	0.002	0.86	0.13	0.33	0.05	0.17	2.88	99.3
LP00314	62.2	14.55	6.84	3.62	1.38	2.79	4.47	0.002	1.12	0.08	0.43	0.05	0.23	1.8	99.56
LP00315	56	16.35	7.99	6.52	4.11	3.67	1.82	<0.002	0.97	0.13	0.24	0.07	0.08	1.75	99.7
LP00316	71.4	14.5	2.14	1.38	0.82	4.1	4	0.002	0.28	0.02	0.08	0.04	0.16	1.44	100.36
LP00317	72.3	14.45	2.6	1.5	0.85	4.1	4.1	<0.002	0.29	0.03	0.09	0.04	0.18	1.11	101.64
LP00318	68.7	16.2	2.99	2.81	1	4.9	2.82	<0.002	0.36	0.03	0.1	0.08	0.21	1.52	101.72
LP00319	50.6	17	8.13	7.07	5.36	4.1	1.49	0.003	1.04	0.13	0.49	0.1	0.09	2.41	98.01
LP00320	67.9	15.9	3	2.66	1.02	4.35	3.38	<0.002	0.36	0.03	0.13	0.08	0.19	1.05	100.05
LP00321	68	15.95	2.85	2.76	0.98	4.36	3.41	<0.002	0.35	0.02	0.13	0.08	0.2	0.89	99.98
LP00322	68.8	16.35	3.01	2.77	1.02	4.26	3.49	<0.002	0.36	0.04	0.12	0.09	0.18	0.89	101.38
LP00323	66.4	15.95	2.73	2.38	0.96	4.34	3.16	0.002	0.35	0.03	0.18	0.08	0.19	1.46	98.21
LP00324	72.5	15.15	1.96	1.66	0.61	3.75	4.24	<0.002	0.23	0.03	0.09	0.06	0.15	1.12	101.55
LP00325	68.5	16.05	2.85	2.87	1	4.24	3.75	<0.002	0.37	0.03	0.14	0.08	0.2	1.37	101.45
LP00326	68.5	15.25	2.59	2.71	0.87	3.83	3.35	0.002	0.33	0.02	0.1	0.07	0.21	1.05	98.88
LP00327	72.4	14.85	1.92	2.12	0.61	3.89	4.35	<0.002	0.24	0.01	0.08	0.06	0.18	0.93	101.64
LP00328	56	17.35	7.17	7.96	5.37	3.67	1.12	0.013	0.9	0.13	0.18	0.08	0.05	1.97	101.96
LP00329	64	12.7	7.7	3.99	1.55	2.39	3.34	<0.002	1.38	0.11	0.59	0.06	0.17	1.9	99.88
LP00330	69.9	15.8	3.15	2.17	0.92	4.32	3.74	0.002	0.37	0.03	0.12	0.08	0.22	1.08	101.9
LP00331	67	15.2	2.74	2.96	0.98	4.15	3.35	<0.002	0.34	0.03	0.14	0.08	0.18	1.21	98.36
LP00332	72.1	14.2	2.06	1.86	0.58	3.84	3.9	0.003	0.23	0.03	0.08	0.05	0.13	0.9	99.96
LP00333	67.9	15.3	2.91	3	1.04	4.09	3.19	<0.002	0.36	0.04	0.14	0.08	0.19	1.29	99.53
LP00334	70.6	14.6	2.34	2.58	0.75	3.97	3.42	0.002	0.27	0.03	0.09	0.06	0.14	1.43	100.28
LP00335	66.5	13.8	3.53	3.68	1.13	4.59	2.77	0.002	0.96	0.09	0.36	0.04	0.09	1.81	99.35
LP00336	69.6	15.05	2.69	2.21	0.93	3.82	4.01	0.002	0.37	0.03	0.14	0.07	0.2	1.13	100.25
LP00337	67.5	13.45	4.23	5.16	0.98	3.4	2.74	<0.002	0.93	0.04	0.35	0.06	0.05	1.78	100.67
LP00338	70.4	14.95	2.62	2.03	0.77	4.57	3.68	0.002	0.33	0.03	0.14	0.06	0.16	1.11	100.85
LP00339	63.1	15.05	4.97	5.65	2.01	4.53	1.12	<0.002	1.31	0.09	0.51	0.07	0.04	1.78	100.23
LP00340	62.3	13.55	4.83	6.76	1.4	3.23	1.56	0.003	1.1	0.05	0.42	0.07	0.05	3.14	98.46
LP00341	67	16.2	3.2	3.24	1.88	4.88	1.99	0.002	0.49	0.06	0.17	0.07	0.09	2.32	101.59
LP00342	62.3	13.75	6.24	5.98	2.81	3.72	1.24	0.002	1.66	0.09	0.75	0.08	0.02	2.15	100.79
LP00343	59.1	14.85	5.36	7	0.8	2.85	3.83	<0.002	1.02	0.12	0.38	0.07	0.06	2.62	98.06
LP00344	70	14.75	2.36	3.73	0.24	6.39	0.9	<0.002	0.35	0.02	0.11	0.06	0.02	1.43	100.36
LP00345	60	15	4.08	8.33	0.66	5.47	1.12	0.009	1.27	0.11	0.5	0.06	0.03	3.98	100.62
LP00346	69.9	15.45	1.53	1.71	0.95	5.36	2.35	0.004	0.32	0.05	0.11	0.05	0.07	1.75	99.6
LP00347	64.3	15.95	3.03	4.79	0.96	6.1	1.84	<0.002	0.7	0.07	0.26	0.06	0.13	3.11	101.3
LP00348	63.7	17.1	3.54	3.61	1.7	5.33	1.56	0.003	0.55	0.04	0.2	0.08	0.03	2.51	99.95

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SAMPLE	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI	Total
UNITS	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
LP00349	69.9	14.2	3.55	3.07	1.19	4.82	1.68	<0.002	0.73	0.06	0.27	0.04	0.09	2.36	101.96
LP00350	61.4	14.1	6.66	4.41	2.28	5.33	1.34	0.002	1.45	0.12	0.58	0.04	0.04	3.52	101.27
LP00351	64.4	17.75	2.85	2.42	1.97	4.74	3.66	0.002	0.57	0.08	0.21	0.05	0.11	3.16	101.97
LP00352	62.1	15.3	3.18	5.07	0.77	5.77	2.03	0.002	1.16	0.08	0.43	0.06	0.1	3.48	99.53
LP00353	65.8	12.55	3.52	3.68	0.57	3.39	3.75	<0.002	0.73	0.14	0.26	0.02	0.09	4.34	98.84
LP00354	58.3	14.6	2.74	6.69	0.65	7.27	0.95	0.002	0.5	0.13	0.16	0.04	0.15	5.87	98.05
LP00355	64.5	13.95	1.56	4.34	0.19	6.69	1.68	<0.002	1.16	0.17	0.45	0.04	0.09	3.39	98.21
LP00356	60.8	14.25	0.96	6.77	0.16	7.98	0.34	<0.002	0.57	0.13	0.21	0.02	0.08	6.03	98.3
LP00357	62.7	14.2	5.3	4.46	1.74	4.66	1.24	<0.002	1.2	0.1	0.49	0.06	0.06	2.31	98.52
LP00358	65.4	16.85	3.77	3.29	1.73	4.84	2.16	0.002	0.59	0.07	0.25	0.08	0.1	2.09	101.22
LP00359	56.6	15.7	5.19	6.9	0.45	2.86	5.88	0.003	1.28	0.11	0.52	0.05	0.1	3.01	98.65
LP00360	68.5	13.9	3.17	4.5	1.2	5.26	1.62	0.002	0.98	0.09	0.47	0.05	0.03	1.72	101.49
LP00361	67.6	15.1	2.7	2.23	0.96	3.86	4.04	<0.002	0.34	0.03	0.13	0.07	0.23	1.41	98.7
LP00362	68.1	8.9	1.4	9.41	1.12	3.32	1.34	0.003	0.36	0.04	0.1	0.03	0.04	6.34	100.5
LP00363	62.1	13.5	1.44	8.56	0.83	3.71	3.3	<0.002	0.25	0.02	0.1	0.07	0.12	6.69	100.69
LP00364	65.2	13.55	6.54	3.75	1.76	3.4	2.23	0.002	1.2	0.05	0.48	0.04	0.09	1.97	100.26
LP00365	71.9	15.25	2.05	2.31	0.74	4.07	4.11	0.003	0.29	0.03	0.11	0.07	0.18	0.84	101.95
LP00366	67	15.95	3.02	2.8	1.19	4.25	3.7	<0.002	0.39	0.04	0.14	0.09	0.22	0.91	99.7
LP00367	59.4	14.1	4.55	8.59	0.46	3.57	2.94	<0.002	1.37	0.1	0.56	0.07	0.04	3.62	99.37
LP00368	72.3	15.2	2.11	2.12	0.73	5.37	1.94	<0.002	0.33	0.03	0.1	0.05	0.12	0.73	101.13
LP00369	71.2	14.55	1.75	1.96	0.55	3.5	4.53	<0.002	0.21	0.02	0.08	0.07	0.31	0.88	99.61
LP00370	59.6	13.2	10.15	5	1.96	3.24	1.84	<0.002	1.76	0.11	0.71	0.05	0.14	1.86	99.62
LP00371	65.8	14.35	5.87	3.35	1.42	3.73	2.98	0.002	1.04	0.07	0.41	0.04	0.1	1.49	100.65
LP00372	72.3	15.45	0.5	1.7	0.25	7.03	1.66	<0.002	0.3	0.04	0.16	0.01	0.03	1.99	101.42
LP00373	66.6	17.65	2.45	2.85	1.56	4.28	3.66	0.003	0.39	0.05	0.14	0.06	0.12	2.15	101.96
LP00374	69.8	15.95	2.71	2.66	1	4.42	3.48	<0.002	0.37	0.03	0.13	0.08	0.25	0.6	101.48
LP00375	60.1	19.1	4.27	4.89	1.66	5.23	2.66	0.002	0.63	0.05	0.22	0.12	0.15	1.6	100.68
LP00376	68.4	14.9	3.85	2.19	0.93	3.09	5.04	<0.002	0.4	0.06	0.16	0.05	0.27	0.86	100.2
LP00377	64.6	14.55	5.14	3.8	1.06	3.85	3.01	<0.002	0.75	0.07	0.32	0.05	0.15	1.62	98.97
LP00378	70.4	14.95	1.98	2.16	0.79	3.65	4.03	<0.002	0.28	0.04	0.11	0.06	0.26	1.34	100.05
LP00379	69.6	14.9	2	2.19	0.65	3.81	4.42	<0.002	0.27	0.03	0.1	0.06	0.2	1.25	99.48
LP00380	70.6	14.9	1.88	2.13	0.65	4.09	3.94	<0.002	0.26	0.02	0.09	0.07	0.18	1.01	99.82
LP00381	67	15.5	3.39	2.9	1.6	4.26	2.9	<0.002	0.57	0.04	0.17	0.06	0.18	1.77	100.34
LP00382	67.9	14.55	3.43	3.39	1.23	3.6	2.68	<0.002	0.38	0.05	0.14	0.06	0.12	1.58	99.11
LP00383	68.9	15.05	1.84	2.35	0.82	4.04	3.22	<0.002	0.29	0.02	0.08	0.08	0.15	1.19	98.03
LP00384	63.2	13.4	7.22	5.08	1.58	3.24	1.58	<0.002	1.43	0.09	0.54	0.06	0.1	1.51	99.03
LP00385	72.5	14	1.27	1.06	0.23	3.57	5.14	<0.002	0.14	0.01	0.03	0.04	0.16	0.41	98.56
LP00386	74.1	12.85	0.96	1.4	0.35	3.44	4.25	<0.002	0.16	0.01	0.05	0.05	0.24	0.99	98.85
LP00387	63.7	16.85	3.66	2.82	1.5	4.65	2.9	<0.002	0.55	0.05	0.2	0.08	0.15	1.74	98.85
LP00388	68	15.15	2.25	2.95	0.84	3.92	3.4	<0.002	0.33	0.04	0.12	0.08	0.2	1.13	98.41
LP00389	69.6	15.2	1.61	2.77	0.82	5.2	1.88	<0.002	0.29	0.02	0.13	0.09	0.07	1.16	98.84
LP00390	61.8	18.15	3.56	3.56	1.78	5.94	1.6	<0.002	0.6	0.07	0.21	0.09	0.06	2.27	99.69
LP00391	73	13.25	1.06	1.52	0.2	5.03	3.56	<0.002	0.16	0.02	0.05	0.03	0.08	1.27	99.23
LP00392	71	14.6	2.09	2.43	0.68	3.88	3.62	<0.002	0.25	0.04	0.11	0.05	0.16	0.66	99.57
LP00393	71.4	15	2.13	1.95	0.6	4.08	4.04	<0.002	0.3	0.03	0.09	0.04	0.15	0.67	100.48
LP00394	70.1	14.5	2.15	2.49	0.7	3.99	3.76	0.002	0.29	0.02	0.09	0.05	0.18	0.89	99.21

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UNITS	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
LP00395	58.9	13.15	10.65	4.9	1.76	3.26	1.88	<0.002	1.79	0.05	0.7	0.06	0.16	1.16	98.42
LP00396	61.7	15	6.92	4.86	1.76	3.55	3.6	0.006	1.02	0.09	0.46	0.06	0.32	2.01	101.36
LP00397	60.9	18.2	4.18	4.78	2.11	5.06	1.96	<0.002	0.7	0.06	0.26	0.1	0.11	2.87	101.29
LP00398	70	14.65	2.02	2.47	0.97	4.35	3.1	<0.002	0.33	0.02	0.11	0.06	0.15	1.51	99.74
LP00399	69.7	14.1	1.94	2.99	0.7	3.57	3.89	<0.002	0.22	0.02	0.08	0.06	0.18	2.01	99.46
LP00400	69.9	14.55	2.19	2.42	0.71	3.89	3.92	<0.002	0.27	0.02	0.07	0.07	0.16	1.4	99.57
LP00401	69.4	13.55	3.69	3.11	1.22	3.51	1.96	<0.002	0.52	0.05	0.15	0.05	0.13	1.08	98.42
LP00402	74.3	14.5	1.6	1.21	0.25	4.05	4.34	0.002	0.15	0.02	0.08	0.03	0.07	0.68	101.28
LP00403	73	12.15	1.24	2.87	0.07	5.52	2.21	<0.002	0.05	0.02	0.06	0.01	0.07	2.55	99.82
LP00404	63.8	14	6.53	4.55	2.08	3.48	2.1	0.002	1.22	0.06	0.45	0.06	0.09	2.21	100.63
LP00405	61.9	14.15	8.01	4.6	1.9	3.82	1.88	0.002	1.24	0.09	0.5	0.07	0.08	2.36	100.6
LP00406	70.6	13.65	2.3	1.68	0.64	3.72	4.56	<0.002	0.37	0.03	0.13	0.04	0.15	1.29	99.16
LP00407	72.4	13.25	0.82	3.5	0.08	4.55	3.85	<0.002	0.03	0.02	0.02	0.01	0.02	3	101.55
LP00408	58.6	19.85	4.82	1.61	1.84	6.65	2.37	0.002	0.74	0.14	0.27	0.06	0.12	3.55	100.62
LP00409	58.1	16.2	4.73	5.06	2.43	3.98	2.76	0.005	0.53	0.19	0.15	0.06	0.12	5.6	99.92
LP00410	50.8	16.2	10.1	7.56	5.98	3.39	1.33	0.023	1.22	0.19	0.2	0.05	0.05	2.26	99.35
LP00411	51.8	16.4	7.56	5.87	3.84	3.63	1.92	<0.002	1.05	0.19	0.31	0.06	0.1	6.46	99.19
LP00412	65.7	14.45	3.19	4.2	0.14	5.65	2.96	<0.002	0.45	0.08	0.16	0.04	0.05	2.85	99.92
LP00413	70.2	12.9	1.13	4.07	0.18	3.38	4.69	<0.002	0.08	0.01	0.04	0.05	0.12	3.2	100.05
LP00414	59.7	19.2	3.22	5.51	0.12	8.31	0.78	0.004	0.46	0.04	0.19	0.07	0.02	2.35	99.97
LP00415	66.7	16.5	3.35	2.72	1.28	4.64	3.19	0.002	0.45	0.04	0.16	0.09	0.18	1.1	100.4
LP00416	51.2	12	9	10.3	10.7	2.11	0.97	0.088	0.76	0.2	0.14	0.06	0.05	2.23	99.81
LP00417	46.7	15.4	12.85	9.3	6.58	2.4	1.26	<0.002	1.34	0.14	0.15	0.1	0.05	2.47	98.74
LP00418	67.8	15.05	2.98	2.45	1.08	4.1	3.32	<0.002	0.35	0.04	0.13	0.08	0.17	1.46	99.01
LP00419	67.4	15.4	2.83	2.4	1.03	4.25	3.49	<0.002	0.36	0.03	0.12	0.07	0.19	1.66	99.23
LP00420	66.9	15.25	3.15	2.29	1	4.16	3.49	<0.002	0.35	0.04	0.13	0.07	0.2	1.55	98.58
LP00421	68	15.3	2.91	2.44	0.96	4.17	3.25	<0.002	0.33	0.04	0.11	0.08	0.18	1.44	99.21
LP00422	52.2	12.75	9.62	9.25	10.6	2.05	1.4	0.032	0.71	0.22	0.12	0.04	0.06	2.17	101.22
LP00423	67.5	15.25	3.1	2.5	1.04	4.21	3.3	<0.002	0.35	0.03	0.13	0.08	0.18	1.52	99.19
LP00424	67.3	13.55	2.48	3.58	0.2	5.86	2.49	<0.002	0.35	0.06	0.12	0.03	0.17	3.01	99.2
LP00425	68	15.35	2.97	2.93	0.92	5.87	1.59	<0.002	0.39	0.05	0.13	0.07	0.04	1.7	100.01
LP00426	73	13.55	1.43	0.89	0.11	5.91	2.36	<0.002	0.23	0.01	0.1	0.03	0.06	0.74	98.42
LP00427	63.7	17.5	3.46	3.5	2.12	5.62	1.36	0.004	0.61	0.07	0.22	0.07	0.03	2.54	100.8
LP00428	70.5	14.15	2.48	2.1	0.81	4.01	3.56	<0.002	0.31	0.03	0.1	0.05	0.21	1.44	99.75
LP00429	73.1	13.4	1.3	2.03	0.09	6.77	1.63	0.002	0.2	0.03	0.07	0.02	0.04	1.89	100.57
LP00430	70	12.4	3.97	3.79	0.99	3.31	2.71	0.003	0.43	0.08	0.15	0.04	0.08	2.15	100.1
LP00431	69	14.7	2.77	2.02	1.02	4.05	3.69	0.002	0.36	0.03	0.1	0.05	0.18	1.57	99.54
LP00432	71.2	10.75	3.76	3.86	0.22	3.98	3.31	<0.002	0.2	0.02	0.07	0.02	0.14	2.42	99.95
LP00433	68.2	12.8	1.42	4.94	0.25	5.82	2.13	<0.002	0.25	0.02	0.08	0.03	0.07	4.35	100.36
LP00434	74	13.55	1.76	1.34	0.22	6.07	1.9	<0.002	0.32	0.01	0.1	0.04	0.07	0.79	100.17
LP00435	68.6	14.25	3.23	2.89	1.04	4.34	2.82	<0.002	0.27	0.04	0.08	0.08	0.12	1.5	99.26
LP00436	72.6	14.25	1.98	1.12	0.43	6.24	2.43	<0.002	0.3	0.02	0.08	0.03	0.09	1.32	100.89
LP00437	74.3	12.6	1.03	1.22	0.21	6	1.81	<0.002	0.17	0.01	0.04	0.03	0.15	1.37	98.94
LP00438	70	13.4	5.11	3.21	1.1	4.54	1.68	<0.002	0.8	0.04	0.3	0.06	0.04	1.36	101.64
LP00439	71.5	14.75	2.05	1.6	0.64	3.82	4.46	<0.002	0.28	0.02	0.11	0.07	0.18	0.88	100.36
LP00440	51.4	17.6	8.45	8.03	5.39	3.47	1.38	0.003	0.87	0.15	0.28	0.09	0.07	2.44	99.62

La Paz Surface Mapping and Geochemical Sampling
Whole Rock Analysis Results
Sampled December 2021

SAMPLE	SiO2	Al2O3	Fe2O3	CaO	MgO	Na2O	K2O	Cr2O3	TiO2	MnO	P2O5	SrO	BaO	LOI	Total
UNITS	%	%	%	%	%	%	%	%	%	%	%	%	%	%	%
LP00441	55	20.4	5.68	5.35	2.29	5.69	1.79	<0.002	0.87	0.08	0.33	0.17	0.14	2.06	99.85
LP00442	66.2	15.85	2.88	3.71	1.24	4.41	3.33	<0.002	0.41	0.05	0.17	0.1	0.18	2.14	100.67
LP00443	74.4	11.4	3.22	4.3	0.34	3.34	1.75	0.004	0.39	0.05	0.13	0.06	0.03	1.98	101.39
LP00444	57	17.9	7.04	3.83	2.74	5.25	1.55	<0.002	1.28	0.08	0.67	0.08	0.06	2.94	100.42
LP00445	71.4	15.25	2.58	1.67	1	4.09	3.93	<0.002	0.36	0.02	0.11	0.05	0.21	1.21	101.88
LP00446	62.7	15.05	6.72	4.31	2.38	4.82	1.26	<0.002	1.29	0.11	0.47	0.08	0.05	2.37	101.61
LP00447	66.5	13.85	5.37	5.22	0.55	4.24	2.03	<0.002	0.98	0.07	0.37	0.08	0.05	1.44	100.75
LP00448	65.4	14.1	6.53	3.36	1.76	3.51	3.07	<0.002	1.22	0.09	0.46	0.05	0.13	2.01	101.69
LP00449	63.7	18.9	2.33	4.47	0.35	8.27	0.64	<0.002	0.46	0.03	0.16	0.09	0.02	1.58	101
LP00450	73.4	14.55	1.4	1.53	0.9	5.15	3.13	<0.002	0.28	0.02	0.07	0.04	0.09	1.29	101.85
LP00451	73.9	14.2	1.65	2.05	0.71	4.34	3.29	<0.002	0.25	0.02	0.07	0.05	0.12	1.12	101.77
LP00452	71	14.1	1.72	1.04	0.81	4.05	4.15	<0.002	0.26	0.02	0.09	0.04	0.15	1.25	98.68
LP00453	73.1	14.35	1.96	1.64	0.67	3.94	4.02	0.002	0.25	0.03	0.08	0.04	0.15	0.84	101.07
LP00454	74.1	14.7	1.28	1.42	0.5	4.16	4.34	<0.002	0.17	0.02	0.05	0.04	0.15	0.87	101.8
LP00455	74.9	13.9	1.44	1.44	0.53	3.85	4.23	<0.002	0.19	0.01	0.04	0.04	0.12	0.94	101.63
LP00456	74.5	13.9	1.33	1.46	0.4	3.84	4.51	<0.002	0.17	0.01	0.05	0.03	0.1	0.73	101.03
LP00457	71.5	13.8	2.15	1.21	0.61	3.88	4.14	<0.002	0.26	0.02	0.07	0.04	0.15	1.17	99
LP00458	70.8	14.4	2.4	1.87	0.66	3.81	3.85	0.002	0.26	0.03	0.06	0.06	0.15	1.06	99.41
LP00459	69.8	14.25	2.86	1.86	0.86	3.81	3.8	<0.002	0.33	0.02	0.1	0.05	0.2	1.29	99.23
LP00460	69.6	14.05	2.97	1.74	0.84	3.36	4.19	<0.002	0.36	0.03	0.12	0.06	0.22	1.4	98.94
LP00461	56.3	17.6	6.97	4.9	2.25	4.27	2.53	<0.002	0.85	0.05	0.35	0.1	0.14	1.79	98.1
LP00462	66.3	14.05	5.06	2.94	1.06	2.42	5.33	<0.002	0.83	0.04	0.3	0.05	0.22	1.2	99.8
LP00463	65.2	13.35	6.21	4.38	1.4	2.56	3.48	<0.002	1.08	0.08	0.43	0.06	0.19	1.44	99.86
LP00464	58.1	19.6	5.08	5.01	1.88	5.12	2.04	0.004	0.7	0.06	0.26	0.13	0.16	1.86	100
LP00465	60.6	14.35	7.73	3.16	1.71	3.06	3.68	<0.002	1.33	0.08	0.48	0.06	0.22	2.33	98.79
LP00466	72.4	13.65	2.21	1.64	0.64	3.73	4.04	<0.002	0.26	0.02	0.07	0.04	0.13	1.05	99.88
LP00467	61.4	15.35	6.55	3.67	1.74	3.04	4.31	<0.002	1.04	0.09	0.4	0.06	0.27	1.98	99.9
LP00468	72.5	14.25	2.09	1.92	0.66	3.69	3.8	0.002	0.25	0.03	0.09	0.05	0.17	0.77	100.27
LP00469	72.4	13.75	2.13	1.11	0.7	3.91	3.8	<0.002	0.22	0.02	0.06	0.03	0.14	1.1	99.37
LP00470	65.5	13.75	6.66	2.6	1.28	2.66	4.07	<0.002	1.12	0.05	0.39	0.03	0.16	1.8	100.07