

ASX: ANX

4 JULY 2023

SPODUMENE IN PEGMATITES AT WHIM CREEK, GOLD AT LOUDENS PATCH

- ▲ **Reconnaissance rock chip sampling at Whim Maar Prospect has identified spodumene in multiple pegmatites north of Whim Creek Mine**
- ▲ **Pegmatite outcrops observed over a large area, 1km x 1.6km, at Whim Maar**
- ▲ **Rock chip samples dispatched for analysis and results due later in July**
- ▲ **Multiple new gold and lithium targets at Loudens Patch Project defined with soil and rock chip results, including:**
 - **Up to 0.5g/t Au in rock samples coinciding with a +200m gold-in-soil anomaly**
 - **+500m lithium-in-soil anomaly associated with pegmatite outcrops and lithium in rock chips**
- ▲ **Further rock chip sampling and mapping is planned as a pre-cursor to drill targeting**

Anax Metals Limited (ASX: ANX) ("Anax" or "the Company") is pleased to announce the discovery of spodumene in multiple pegmatites at the Whim Maar Prospect, located at the northern end of the Company's 80% owned Whim Creek Project in the Pilbara region of Western Australia.

In addition, new lithium and gold geochemical results were generated from exploration of its wholly owned Loudens Patch tenement.

The Company's Managing Director, Geoff Laing commented on these discoveries:

"A large area of pegmatite occurrences at Whim Maar, as well as gold and lithium results from Loudens Patch, provide exciting new prospectivity for Anax's Pilbara project portfolio.

"Recent lithium discoveries in the Pilbara, including that by Azure Minerals at Andover show that high-grade lithium mineralisation is prevalent in the region (see location in Figure 4 below, and refer AZS ASX announcement 13 June 2023). This provides Anax with further encouragement to investigate the significant lithium potential of its own portfolio while the Whim Creek Copper-Zinc Project enters a development phase."

The recent field programme covered unexplored tenure to the north of Whim Creek mine as well as follow-up exploration at Loudens Patch, where lithium anomalism in rocks and soils is associated with pegmatites.

Spodumene minerals were identified in pegmatite outcrops at **Whim Maar Prospect**, over an initial area of **~1km by 1.6km**, 4km north of Whim Creek mine (see locations in Figures 3 and 4). Rock chip samples have been dispatched to LabWest in Malaga for processing and results are expected in late July 2023.



Figure 1: Spodumene minerals as float and spodumene in pegmatite, Whim Maar Prospect



Figure 2: Whim Maar Lithium Prospect, looking south towards Whim Creek Mine

Pegmatites were observed to be zoned, with massive quartz pegmatite cores being all that remains as low-lying outcrop across the flat terrain. Weathering and erosion has preferentially affected the lithium mineralised zones of the pegmatite as well as the schistose host rock (Mallina Formation at Loudens Patch and Rushall Shale at Whim Maar) which rarely outcrop.

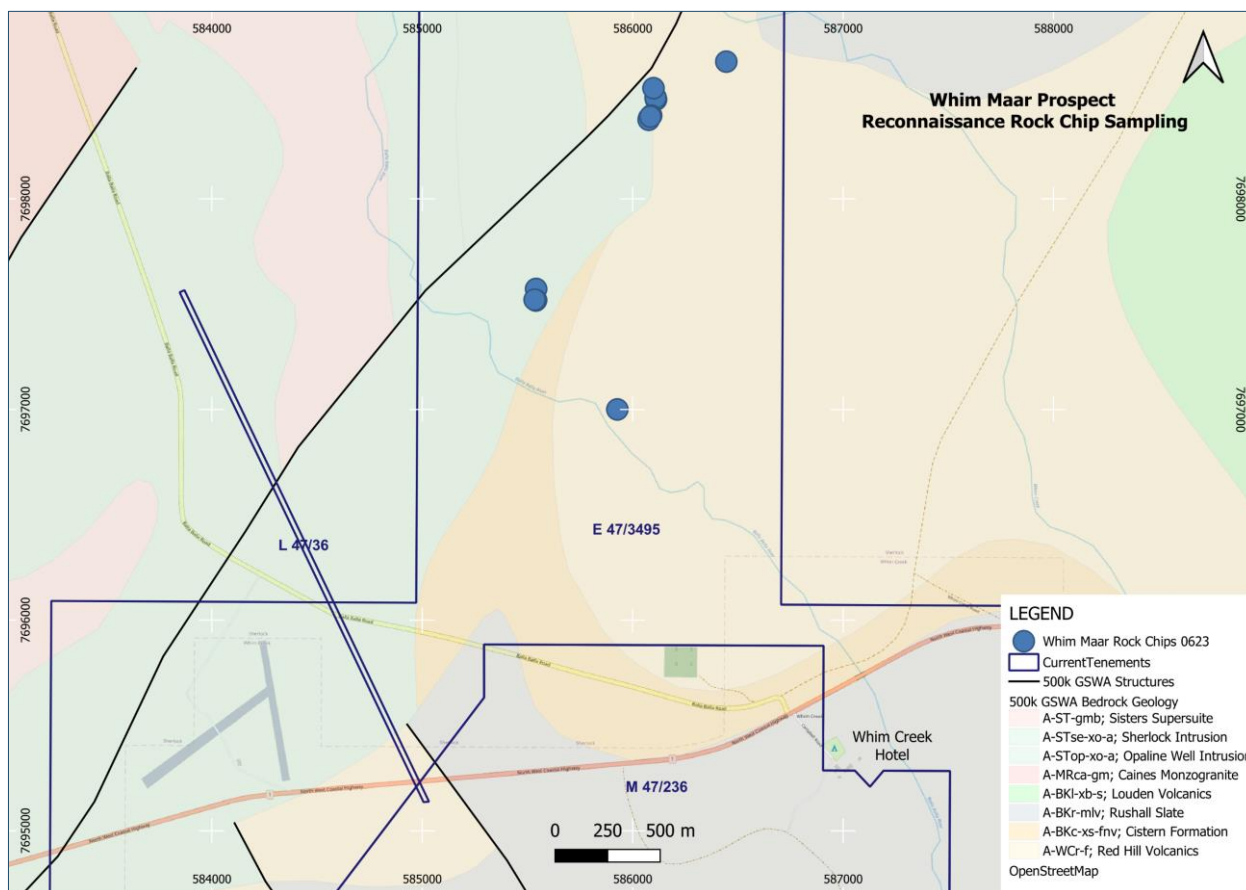


Figure 3: Location of rock chip samples at Whim Maar Prospect

Table 1: Whim Maar Sample Locations

Sample number	Easting	Northing	Grid	Description
220548	586111	7698471	MGA94 Zone 50	Calcrete
220549	586078	7698383	MGA94 Zone 50	Calcrete
220550	586445	7698651	MGA94 Zone 50	~20% Spodumene in Pegmatite float
300952	586109	7698480	MGA94 Zone 50	Pegmatite – no observed spodumene minerals
300953	586088	7698395	MGA94 Zone 50	Pegmatite – no observed spodumene minerals
300954	586076	7698375	MGA94 Zone 50	Pegmatite – no observed spodumene minerals
300955	586084	7698390	MGA94 Zone 50	100% Spodumene minerals as float
300956	586099	7698525	MGA94 Zone 50	Pegmatite showing lithium mineral (1-2%) on surface
300959	585541	7697572	MGA94 Zone 50	Pegmatite – no observed spodumene minerals
300960	585541	7697519	MGA94 Zone 50	Pegmatite – no observed spodumene minerals
300961	585540	7697517	MGA94 Zone 50	Pegmatite – no observed spodumene minerals
300962	585534	7697521	MGA94 Zone 50	Pegmatite – no observed spodumene minerals
300963	585927	7697000	MGA94 Zone 50	Pegmatite – no observed spodumene minerals

Spodumene minerals were visible in and around the pegmatites at Whim Maar. Samples 300955 and 220550, illustrated in Figure 1, consist of spodumene minerals and spodumene-in-pegmatite “float” - loose rock fragments found at surface. “Float” samples were collected where no outcrop was present. Rock chip sampling of outcrop is considered representative of mineralisation in situ. However, “float” samples are interpreted to have originated near source. The presence of pegmatite quartz cores showing remnant spodumene confirms the origin of the float samples.

As Whim Maar pegmatites are a very recent discovery, the abundance of spodumene, the lithium content of the minerals and the full extent of the pegmatites is not yet known. No analysis results from sampling at Whim Maar are available as yet. Visual estimates of mineral abundance should never be considered a proxy or substitute for laboratory analyses where concentrations or grades are the factor of principal economic interest. Visual estimates provide no information regarding impurities or deleterious physical properties relevant to valuations.

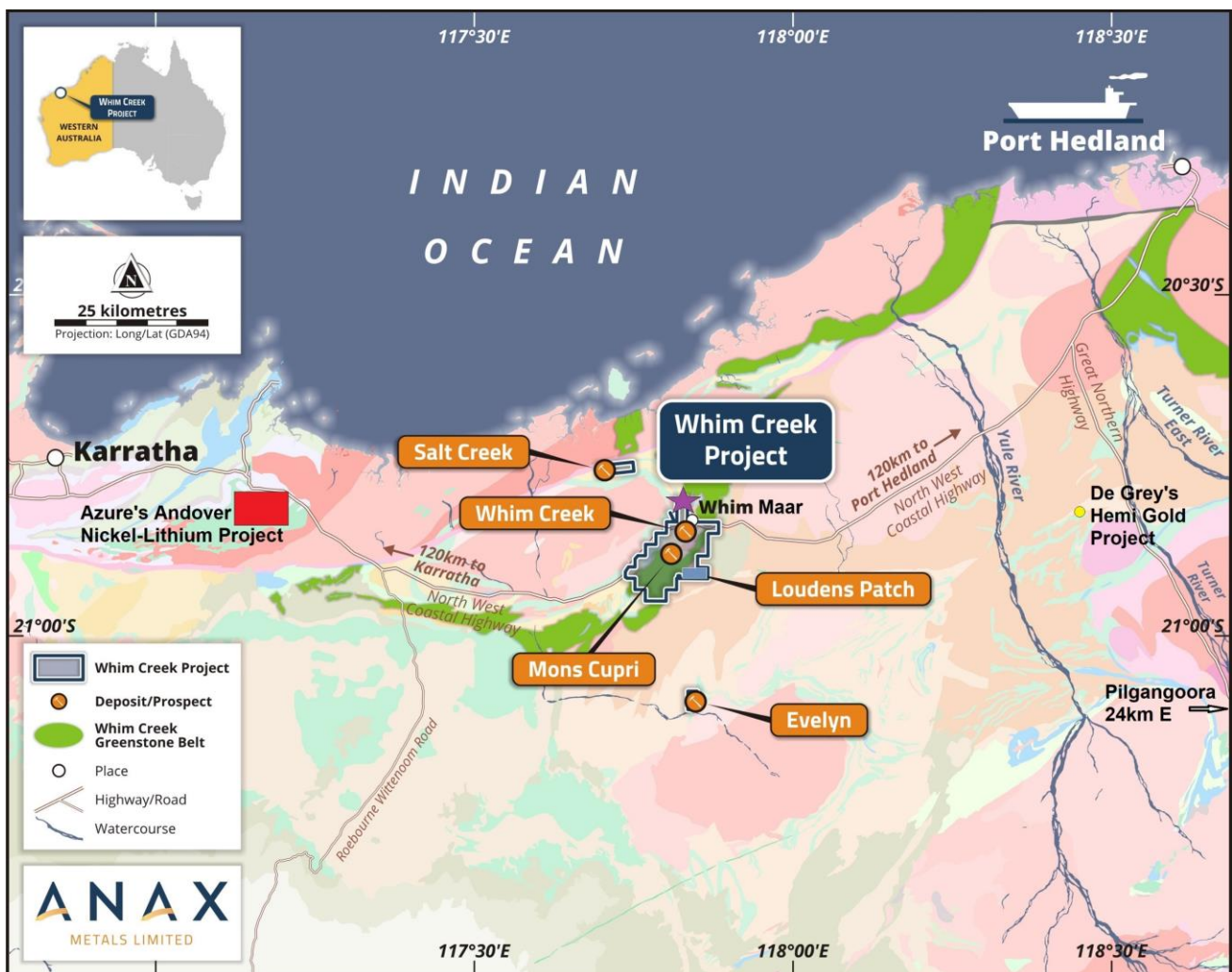


Figure 4: GSWA Regional Pilbara Archean granite-greenstones. Whim Maar is to the north of Whim Creek while Loudens Patch is located adjacent and to the east of the Whim Creek Project

Loudens Patch Project

Anax secured tenement (E47/4281) in 2020, to explore for gold and lithium. The 100% Anax owned project lies adjacent to the east of the Whim Creek Project but shares the same geology as De Grey's (ASX: DEG) Mallina Project.

Loudens Patch consists of Archean Mallina Basin metasediments forming a triangular sub-basin between the Loudens Fault to the west and the Mallina Shear to the south, both regional gold-mineralised structures. The Mallina Shear is the primary structural target of De Grey's gold exploration. Folding within the Mallina Basin follows the regional northeast trend and provides the ideal structural setting for both gold mineralisation and 'hard rock' lithium. Lithium minerals, such as spodumene, occur in pegmatites in Archean granite-greenstone belts historically explored for gold.

Anax applied the UltraFine+™ soil sampling technique at Loudens Patch, proven effective for precious metals, base metals and lithium exploration across the Pilbara. Soil surveys generated both lithium and gold anomalies at Loudens Patch, as reported in May 2022¹. Soil surveys were extended west to close out the anomalism, generating **new lithium anomalies** as shown in Figure 5, below. Rock chip sampling has verified these anomalies as in situ, however, all that remains of the zoned pegmatites at surface are low-lying massive quartz cores. Mineralised zones and the schistose host rock have largely been eroded.

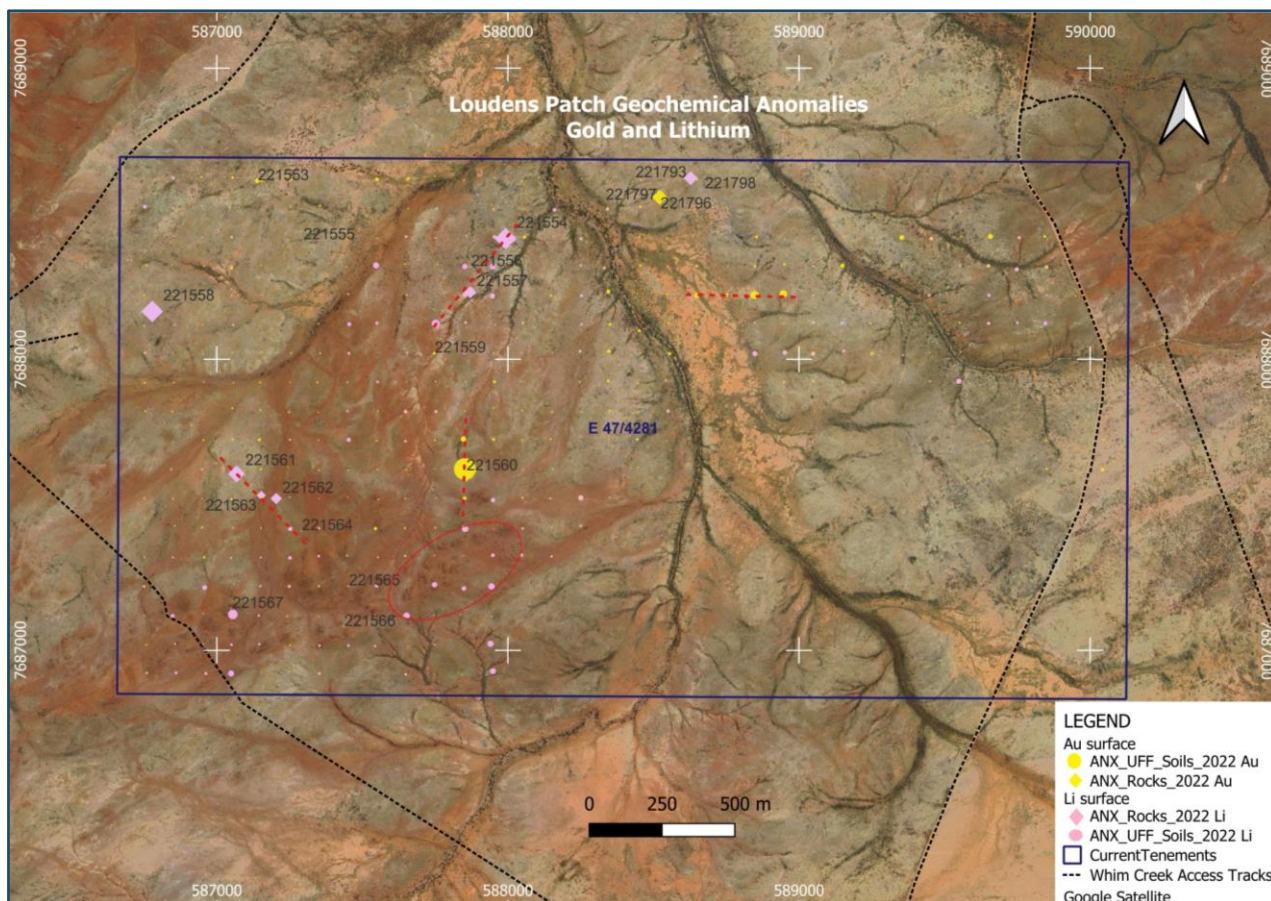


Figure 5: Loudens Patch gold and lithium geochemical anomalies over Google satellite imagery

The locations of rock chip samples are illustrated in Figure 5, below, and full rock chip and soil sample analysis results follow in Appendix 1, below. Anomalous rock chip assay highlights to date are as follows:

221560 = 0.493g/t Au

221796 = 0.268g/t Au*

221553 = 0.051g/t Au

* Reported in May 2022

21554 = 143ppm Li

221558 = 114ppm Li

221561 = 99.6ppm Li

The target zones at Loudens Patch, marked with dashed red lines joining contiguous anomalous samples, shown in Figure 5 above, are as follows.

- A strong +200m gold-in-soil anomaly west of the centre of the tenement coincides with the regional northeast fold axis. Initial rock chip sampling confirmed the gold anomaly as in situ, with 0.5g/t Au.
- Northeast trending linear lithium-in-soil anomaly over 500m in the north of the tenement was rock chip sampled, confirming lithium anomalism in situ but no spodumene has yet been identified at surface.
- A number of other lithium anomalies of varying sizes occur across the tenement, illustrated by elevated lithium in soils and rock chips in Figure 5. A zone of lithium anomalism in the southwest of the tenement awaits further field investigation, currently underway.
- In the northeast of the tenement a low-grade gold-in-soil anomaly extends east-west for +400m and this awaits further field investigation and rock chip sampling.

Next Steps

Analysis of recent rock chip samples from Whim Maar and Loudens Patch pegmatites will be expedited and results are anticipated to be received within the coming month.

Anax intends to geologically map the areas of pegmatite outcrop at these prospects to define the extent of the mineralised zones for follow up exploration. Mapping and further soil and rock chip sampling may then warrant drilling, once heritage management plans are approved.

This ASX announcement has been approved for release by the Board of the Company.

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References

The information provided in this announcement refers to the following Anax Announcements to the ASX:

1. Loudens Patch and Mount Short Exploration Update, 17 May 2022
2. Whim Creek Exploration Drilling Update, 7 February 2023

Competent Person's Statement

The information in this report that relates to Exploration Results is based on and fairly represents information compiled by Ms Wendy Beets. Ms Beets is a full-time employee and shareholder of Anax Metals Ltd and is a member of the Australian Institute of Geoscientists.

Ms Beets has sufficient experience of relevance to the style of mineralisation and types of deposits under consideration, and to the activities undertaken to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Ms Beets consents to the inclusion in this report of the matters based on information in the form and context in which they appear.

Forward Looking Statements

This report contains certain forward-looking statements. These forward-looking statements are not historical facts but rather are based on Anax Metals Ltd's current expectations, estimates and projections about the industry in which Aurora Minerals Ltd operates, and beliefs and assumptions regarding Anax Metals Ltd's future performance. Words such as "anticipates", "expects", "intends", "plans", "believes", "seeks", "estimates", "potential" and similar expressions are intended to identify forward-looking statements. These statements are not guarantees of future performance and are subject to known and unknown risks, uncertainties and other factors, some of which are beyond the control of Anax Metals Ltd, are difficult to predict and could cause actual results to differ materially from those expressed or forecasted in the forward-looking statements. Anax Metals Ltd cautions shareholders and prospective shareholders not to place undue reliance on these forward-looking statements, which reflect the view of Anax Metals Ltd only as of the date of this report. The forward-looking statements made in this report relate only to events as of the date on which the statements are made. Anax Metals Ltd does not undertake any obligation to report publicly any revisions or updates to these forward-looking statements to reflect events, circumstances or unanticipated events occurring after the date of this report except as required by law or by any appropriate regulatory authority.

JORC 2012 TABLE 1

Section 1 Sampling Techniques and Data

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

CRITERIA	JORC CODE EXPLANATION	COMMENTARY
TECHNIQUES	<ul style="list-style-type: none"> ^ Nature and quality of sampling (e.g., cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc.). These examples should not be taken as limiting the broad meaning of sampling. ^ Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. ^ Aspects of the determination of mineralisation that are Material to the Public Report. ^ In cases where 'industry standard' work has been done this would be relatively simple (e.g., 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information. 	<ul style="list-style-type: none"> ^ The soil samples were collected in a grid pattern, spaced 100m apart as illustrated in sample location map – Figure 5. ^ A handheld GPS was used to find the predefined soil sample location in the field. ^ A pick and shovel were used to dig to a depth of 10cm to collect the soil layer below surface disturbance. Soil was sieved to pass 2mm and a sample of ~250g was placed in a paper envelope and labelled with the sample number corresponding with the sample ticket also placed inside the envelope. The sample number and location was recorded on the GPS. ^ In the course of this work, outcrop rock type was periodically noted and rock chip sampled.
DRILLING TECHNIQUES	<ul style="list-style-type: none"> ^ Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc.). 	<ul style="list-style-type: none"> ^ No drilling results were included in this report.
DRILL SAMPLE RECOVERY	<ul style="list-style-type: none"> ^ Method of recording and assessing core and chip sample recoveries and results assessed. ^ Measures taken to maximise sample recovery and ensure representative nature of the samples. ^ Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material. 	<ul style="list-style-type: none"> ^ No drilling results were included in this report.
LOGGING	<ul style="list-style-type: none"> ^ Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies. ^ Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography. ^ The total length and percentage of the relevant intersections logged. 	<ul style="list-style-type: none"> ^ No drilling results were included in this report.
SUB-SAMPLING TECHNIQUES	<ul style="list-style-type: none"> ^ If core, whether cut or sawn and whether quarter, half or all core taken. ^ If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry. 	<ul style="list-style-type: none"> ^ No drilling was reported in this announcement. ^ The soil sampling technique was conducted as per guidelines provided by LabWest for the collection of UltraFine+™ samples.

CRITERIA	JORC CODE EXPLANATION	COMMENTARY
AND SAMPLE PREPARATION	<ul style="list-style-type: none"> ▲ For all sample types, the nature, quality and appropriateness of the sample preparation technique. ▲ Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. ▲ Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/second-half sampling. ▲ Whether sample sizes are appropriate to the grain size of the material being sampled. 	<ul style="list-style-type: none"> ▲ Samples were collected from a depth of 10cm to avoid possible surface contamination. ▲ Organic material was removed from the sample as much as possible. ▲ The recommended sample size for UltraFine+™ samples was 200g, providing sufficient clay material for analysis. ▲ Groundwater percolating upward through soil deposits mobile metals on the surfaces of clays in soil. By its very nature, the UltraFine+™ analysis method does not represent in situ material but surface accumulations of metals mobilised by groundwater. Anomalous results as compared to background would suggest a proximal source and further geological investigation is required to confirm the source.
QUALITY OF ASSAY DATA AND LABORATORY TESTS	<ul style="list-style-type: none"> ▲ The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. ▲ For geophysical tools, spectrometers, handheld XRF instruments, etc., the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc. ▲ Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established. 	<ul style="list-style-type: none"> ▲ The UltraFine+™ analytical technique was recently developed by CSIRO in conjunction with LabWest, primarily with the intention of providing an exploration tool where geology was obscured beneath surface cover. Minute particles of metals transported in groundwater from depth accumulate on the surfaces of clay minerals in soils. In the UltraFine+™ process, clay particles are separated from the soil sample and analysed for a suite of metals. ▲ This robust method has been determined to be effective for gold, lithium and base metals exploration. LabWest is NATA accredited and applies suitable standards, blanks and duplicates to their analysis procedures. ▲ The handheld Garmin Map62 GPS used during sample collection is considered appropriate for locating surface samples, with an accuracy of ~3m.
VERIFICATION OF SAMPLING AND ASSAYING	<ul style="list-style-type: none"> ▲ The verification of significant intersections by either independent or alternative company personnel. ▲ The use of twinned holes. ▲ Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. ▲ Discuss any adjustment to assay data. 	<ul style="list-style-type: none"> ▲ Verification of soil anomalies by rock chip sampling has been completed for some soil geochemical targets and further work is currently underway. ▲ Analysis data is supplied by LabWest directly to Mitchell River Group for inclusion in the Anax surface geochemical database. The geologist collecting the soil samples compiled the GPS sample data into an Excel spreadsheet which was submitted to Anax for checking and forwarded to Mitchell River Group for incorporation into the database.
LOCATION OF DATA POINTS	<ul style="list-style-type: none"> ▲ Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation. ▲ Specification of the grid system used. ▲ Quality and adequacy of topographic control. 	<ul style="list-style-type: none"> ▲ No drilling or Mineral Resource estimation was referenced in this announcement. ▲ The grid system used for the location of the samples was, UTM GDA94, Zone 50. ▲ Topographic records from handheld GPS are not considered sufficiently accurate, having a variability of ~5m.
DATA SPACING AND DISTRIBUTION	<ul style="list-style-type: none"> ▲ Data spacing for reporting of Exploration Results. ▲ Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied. ▲ Whether sample compositing has been applied. 	<ul style="list-style-type: none"> ▲ The nominal spacing of soil samples was 100m, considered suitable for gold and lithium exploration in this geological environment. ▲ Rock chip sampling has verified in situ mineralisation. However, mineral species are yet to be determined with further rock chip sampling, mapping and mineralogical analysis. ▲ No compositing of soil or rock chip samples has been done.

CRITERIA	JORC CODE EXPLANATION	COMMENTARY
ORIENTATION OF DATA IN RELATION TO GEOLOGICAL STRUCTURE	<ul style="list-style-type: none"> ▲ Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type. ▲ If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material. 	<ul style="list-style-type: none"> ▲ No drilling data was included in this announcement. ▲ At Loudens Patch tenement (E47/4281), soil samples were collected at 100m intervals along lines spaced 100m apart to form a grid. The dominant structural direction is NE-SW, though known deposits trend east-west. Gridded samples are intended to limit the effect of structural bias. ▲ No soil sampling has yet been completed at the northern Whim Maar prospect where pegmatite outcrop was sampled.
SAMPLE SECURITY	<ul style="list-style-type: none"> ▲ The measures taken to ensure sample security. 	<ul style="list-style-type: none"> ▲ Following collection, rock chip samples were carefully packed into bags, sealed, and will shortly be securely transported to Karratha for shipping via CTI Logistics, Karratha, to LabWest in Perth for analysis. Following analysis, sample pulps are stored at LabWest. Long term storage of pulps is then facilitated at SuperEasy Storage in Malaga.
AUDITS OR REVIEWS	<ul style="list-style-type: none"> ▲ The results of any audits or reviews of sampling techniques and data. 	<ul style="list-style-type: none"> ▲ Historical soil sampling at Loudens Patch project used standard analytical methods and generated a limited suite of analytes. The UltraFine+™ method was chosen to generate a broad suite of elements for comparison with historical sampling. Gridded sampling was used to limit bias, where possible. Nevertheless, the method is not fool proof and consideration was given to the potential for contamination of soils as a result of historical mining or surface disturbance. Apparent anomalies were verified by comparison with indicator elements included in the analyte suite. Independent review and audit of the geochemical data is being conducted as part of the CSIRO research programme.

Section 2 Reporting of Exploration Results

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

CRITERIA	JORC CODE EXPLANATION	COMMENTARY
MINERAL TENEMENT AND LAND TENURE STATUS	<ul style="list-style-type: none"> ▲ Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings. ▲ The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area. 	<ul style="list-style-type: none"> ▲ The tenements lie within the granted Ngarluma Native Title Claim. ▲ There are no registered Aboriginal heritage sites within the areas explored.
EXPLORATION DONE BY OTHER PARTIES	<ul style="list-style-type: none"> ▲ Acknowledgment and appraisal of exploration by other parties. 	<ul style="list-style-type: none"> ▲ Loudens Patch was historically explored by De Grey Mining by means of soil sampling and the ground was subsequently dropped, enabling Anax to apply for the tenure.
GEOLOGY	<ul style="list-style-type: none"> ▲ Deposit type, geological setting and style of mineralisation. 	<ul style="list-style-type: none"> ▲ Loudens Patch - The Archean-age Mallina Basin extends over large areas of the Pilbara and is a granite-greenstone terrane considered prospective for gold and lithium mineralisation.

CRITERIA	JORC CODE EXPLANATION	COMMENTARY
DRILL HOLE INFORMATION	<ul style="list-style-type: none"> ▲ 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. 	<ul style="list-style-type: none"> ▲ No drill holes have been reported in this announcement
DATA AGGREGATION METHODS	<ul style="list-style-type: none"> ▲ In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated. ▲ Where aggregate intercepts incorporate short lengths of high-grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail. ▲ The assumptions used for any reporting of metal equivalent values should be clearly stated. 	<ul style="list-style-type: none"> ▲ Gold-in-soil ranges were selected to highlight the most anomalous results relative to background (0.5ppb Au) and determine if these form a cohesive zone of anomalism. ▲ Whilst every care was taken to accurately present the geochemical results, soil sampling data should be considered indicative only. Rock chip sampling has verified in situ mineralisation. Laboratory analysis is required to determine the grade of the mineralisation.
RELATIONSHIP BETWEEN MINERALISATION WIDTHS AND INTERCEPT LENGTHS	<ul style="list-style-type: none"> ▲ 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. ▲ If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known'). 	<ul style="list-style-type: none"> ▲ Mineralised widths are not discussed here, and no drilling results were included. The distribution of surface geochemical anomalism is considered to be indicative only and requires verification by means of rock chip sampling and/or drilling to verify in situ dimensions. Further rock chip sampling and mapping will be carried out to determine dimensions of pegmatite swarms at surface. Drilling will be required to confirm depth continuity.
DIAGRAMS	<ul style="list-style-type: none"> ▲ 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. 	<ul style="list-style-type: none"> ▲ Figure 5 illustrates the soil sampling anomalies identified at Loudens Patch in relation to aerial imagery.
BALANCED REPORTING	<ul style="list-style-type: none"> ▲ 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. 	<ul style="list-style-type: none"> ▲ All new soil sample results received to date are included in this report and illustrated in Figure 5. Further soil and rock chip sampling and potentially drilling are proposed for 2024.
OTHER SUBSTANTIVE EXPLORATION DATA	<ul style="list-style-type: none"> ▲ 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. 	<ul style="list-style-type: none"> ▲ GSWA regional geology was used in Figure 3 to illustrate the geology associated with the tenements. Loudens Patch tenement was mapped as containing only Mallina Fm metasediments, however, explorers have noted Constantine Fm conglomerates outcropping within fold axes.
FURTHER WORK	<ul style="list-style-type: none"> ▲ The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling). ▲ Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive. 	<ul style="list-style-type: none"> ▲ Further work will consist of geological mapping, extensions to the soil sampling areas and verification rock chip sampling. Drilling will follow after completion of heritage surveys. ▲ Figure 5 illustrates the extent of geochemical anomalism in soils to date. The soil sampling programmes are limited by the tenement boundaries. Geochemical anomalies may continue

CRITERIA	JORC CODE EXPLANATION	COMMENTARY
		across tenement boundaries. Anax will continue to investigate the sources of the anomalism and potential extensions within the boundaries of its tenure.

APPENDIX 1: Loudens Patch rock and soil geochemical data

Sample ID	Sample Type	Grid ID	North	East	RL	Au g/t	Li ppm	Au ppb	Ag ppm	Al pct	As ppm	Ba ppm	Be ppm	Bi ppm	Br ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %
221567	ROCK	MGA94_50	7687144	587051	84	<0.0005	4.6	<0.5	0.02	0.36	<0.5	13	0.05	0.01		0.03	0.03	1.3	4.2	20	0.1	5	1.59	0.9	<0.05	0.03	<0.01	<0.01	0.02
221560	ROCK	MGA94_50	7687616	587856	75	0.493	10.7	493.0	0.43	0.61	1150.0	128	<0.05	0.20		2.07	0.71	3.2	9.0	47	0.2	223	2.41	2.3	0.17	0.04	2.12	<0.01	0.03
221563	ROCK	MGA94_50	7687532	587153	68	0.001	75.7	1.1	0.05	2.86	12.3	121	0.29	0.03		2.10	0.16	9.4	79.5	1200	0.1	132	10.30	10.2	0.11	0.19	0.03	0.05	0.04
221565	ROCK	MGA94_50	7687221	587452	80	0.001	41.7	0.9	0.03	2.66	1.7	137	0.41	0.03		3.53	0.08	11.6	54.9	543	0.4	80	5.91	7.8	0.13	0.08	<0.01	0.04	0.03
221566	ROCK	MGA94_50	7687081	587436	74	0.001	0.6	0.5	0.02	0.11	2.9	44	0.06	<0.01		4.53	0.04	1.3	3.2	13	<0.1	3	4.17	0.4	<0.05	<0.02	0.04	<0.01	0.02
221557	ROCK	MGA94_50	7688230	587871	61	0.004	84.9	4.1	0.10	3.39	9.7	242	0.28	0.15		7.16	0.27	16.8	184.0	348	0.5	160	5.47	10.1	0.12	0.21	<0.01	0.07	0.10
221554	ROCK	MGA94_50	7688414	587992	67	0.002	143.0	2.4	0.16	6.18	9.7	115	0.40	0.12		0.06	0.03	24.5	35.7	305	0.2	65	12.10	15.3	0.30	0.19	<0.01	0.05	0.04
221556	ROCK	MGA94_50	7688319	587872	71	0.002	48.7	1.9	0.05	2.65	9.7	97	0.20	0.08		17.50	0.05	11.0	36.6	209	0.4	56	3.50	6.4	0.07	0.15	<0.01	0.02	0.10
221559	ROCK	MGA94_50	7688021	587746	61	0.007	23.0	6.5	0.03	1.60	7.6	77	0.20	0.05		20.60	0.10	8.2	17.0	91	0.7	25	2.52	3.4	<0.05	0.13	0.11	0.01	0.10
221561	ROCK	MGA94_50	7687606	587068	69	0.004	99.6	3.6	0.05	3.78	30.1	140	0.42	0.03		2.73	0.19	18.3	97.1	1560	0.1	118	12.40	12.4	0.14	0.27	0.03	0.06	0.04
221558	ROCK	MGA94_50	7688164	586778	80	0.001	114.0	1.1	0.11	3.87	14.9	121	0.25	0.04		3.08	0.10	16.1	74.5	981	0.2	103	8.88	10.3	0.11	0.17	0.15	0.04	0.06
221555	ROCK	MGA94_50	7688410	587296	65	0.010	<0.5	9.7	0.08	0.09	7.4	39	0.08	0.02		6.77	0.19	2.1	5.1	8	<0.1	30	3.23	0.3	<0.05	0.03	0.03	0.02	0.01
221562	ROCK	MGA94_50	7687521	587204	66	0.002	82.6	2.4	0.04	3.33	12.3	186	0.49	0.02		3.24	0.58	8.7	80.9	1330	0.1	100	11.40	9.8	0.13	0.26	0.04	0.04	0.02
221564	ROCK	MGA94_50	7687410	587289	76	0.001	51.6	0.7	0.03	2.23	1.3	112	0.21	0.02		3.07	0.14	10.2	51.7	1090	0.2	120	6.88	7.5	0.08	0.11	0.01	0.04	0.02
221553	ROCK	MGA94_50	7688613	587139	69	0.051	1.2	50.7	0.47	0.12	12.2	89	0.13	0.11		6.06	0.08	4.0	2.9	14	<0.1	11	2.72	0.5	<0.05	0.03	<0.01	0.04	0.03
300170	SOIL	MGA94_50	7687623	586754	73	0.004	34.3	4.2	0.10	4.98	11.4	135	0.96	0.21	4	0.29	0.12	29.6	39.2	233	3.6	69	6.01	12.4	0.09	0.24	0.07	0.06	0.45
300196	SOIL	MGA94_50	7687319	586849	73	0.005	52.0	4.5	0.11	5.78	14.1	218	1.39	0.36	5	0.21	0.10	35.0	48.9	317	3.5	74	9.45	14.2	0.09	0.13	0.11	0.07	0.50
300199	SOIL	MGA94_50	7687220	587452	80	0.003	48.8	2.8	0.09	5.90	16.7	191	1.75	0.39		0.08	0.10	46.9	76.6	300	6.2	81	9.87	17.9	0.12	0.20	0.06	0.08	0.47
300099	SOIL	MGA94_50	7688120	587455	69	0.003	69.3	3.3	0.09	7.59	30.8	240	1.88	0.43		0.10	0.23	37.8	67.5	357	4.8	83	9.53	19.2	0.12	0.31	0.08	0.10	0.52
300183	SOIL	MGA94_50	7687419	587351	72	0.003	57.9	3.2	0.11	6.69	16.1	232	1.54	0.39		0.08	0.10	35.1	71.3	339	4.3	77	10.50	18.2	0.13	0.10	0.05	0.08	0.52
300192	SOIL	MGA94_50	7687317	587251	69	0.002	66.4	1.5	0.10	6.03	16.5	222	1.49	0.42	3	0.13	0.12	38.0	80.4	444	3.1	90	11.60	17.6	0.12	0.06	0.09	0.09	0.46
300006	SOIL	MGA94_50	7688615	587849	68	0.005	49.5	5.2	0.08	5.63	14.2	188	1.32	0.31	2	0.29	0.05	43.0	33.3	221	3.8	70	7.29	15.4	0.06	0.41	0.03	0.06	0.30
300004	SOIL	MGA94_50	7688612	588048	59	0.009	34.3	9.2	0.19	5.60	9.7	195	1.23	0.24	1	0.39	0.15	36.4	28.9	187	5.5	61	4.87	14.1	<0.05	0.33	0.06	0.05	0.51
300010	SOIL	MGA94_50	7688620	587454	65	0.003	37.5	3.1	0.12	5.73	8.4	172	1.18	0.22	2	0.23	0.12	33.3	30.0	199	4.7	69	5.37	14.8	0.07	0.26	0.14	0.06	0.51
300114	SOIL	MGA94_50	7688020	587355	70	0.005	51.7	4.6	0.11	6.47	54.3	246	2.08	0.52	3	0.15	0.22	39.2	84.3	293	5.0	93	10.00	15.6	0.08	0.30	0.13	0.08	0.51
300179	SOIL	MGA94_50	7687520	586850	69	0.004	50.4	4.4	0.08	6.64	18.5	220	1.72	0.37		0.09	0.09	45.2	74.1	290	5.1	67	9.91	17.1	0.12	0.18	0.06	0.07	0.57
300039	SOIL	MGA94_50	7688420	587954	66	0.006	67.8	5.9	0.09	7.69	26.6	249	1.72	0.41		0.18	0.16	38.4	62.7	313	5.8	91	8.78	21.2	0.11	0.36	0.10	0.09	0.52
300150	SOIL	MGA94_50	7687718	587648	70	0.005	57.9	4.8	0.14	5.60	19.8	194	1.62	0.41	4	0.06	0.10	40.6	59.4	446	5.2	87	11.60	17.2	0.13	0.04	0.08	0.09	0.40

Sample ID	Sample Type	Grid ID	North	East	RL	Au g/t	Li ppm	Au ppb	Ag ppm	Al pct	As ppm	Ba ppm	Be ppm	Bi ppm	Br ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %
300128	SOIL	MGA94_50	7687921	587345	73	0.007	24.8	7.4	0.13	4.26	638.0	233	1.33	0.41	2	0.20	0.32	46.5	96.1	234	4.3	112	7.87	14.6	0.07	0.29	0.11	0.08	0.39
300249	SOIL	MGA94_50	7686928	587949	73	0.003	79.7	3.0	0.06	7.31	16.6	163	1.80	0.35		0.09	0.05	36.6	30.5	296	3.4	54	9.73	17.4	0.13	0.79	0.04	0.08	0.48
300207	SOIL	MGA94_50	7687119	587543	74	0.002	57.1	2.2	0.11	6.60	14.7	257	1.80	0.41		0.18	0.11	37.9	61.1	334	5.6	63	11.10	16.6	0.08	0.05	0.08	0.08	0.51
300075	SOIL	MGA94_50	7688217	587947	64	0.007	77.2	7.4	0.10	8.36	18.8	214	1.84	0.35		0.21	0.08	40.8	36.6	341	4.6	64	8.04	20.1	0.14	0.71	0.03	0.09	0.57
300034	SOIL	MGA94_50	7688524	586753	77	0.003	69.0	3.3	0.10	7.17	6.3	260	1.55	0.34	2	0.40	0.16	51.7	38.5	272	7.9	70	7.96	18.4	0.15	0.43	0.09	0.07	0.69
300070	SOIL	MGA94_50	7688225	588445	58	0.006	30.8	5.8	0.11	5.96	21.2	225	1.68	0.30	3	0.42	0.11	48.5	41.2	211	5.0	59	7.10	14.5	0.07	0.39	0.05	0.06	0.74
300088	SOIL	MGA94_50	7688123	588551	69	0.009	36.5	9.0	0.22	7.02	19.1	209	1.83	0.29	3	0.52	0.17	41.9	30.1	218	5.2	58	7.12	16.9	0.09	0.50	0.06	0.06	0.73
300014	SOIL	MGA94_50	7688624	587054	65	0.012	32.1	11.8	0.15	6.01	12.0	233	1.29	0.24	2	0.42	0.19	42.9	39.3	220	6.4	69	5.32	15.7	<0.05	0.29	0.08	0.05	0.68
300102	SOIL	MGA94_50	7688114	587145	69	0.004	7.4	4.2	0.03	2.94	20.8	73	1.02	0.24	2	0.53	0.05	30.2	31.8	140	2.9	80	4.77	9.5	<0.05	0.31	0.02	0.05	0.29
300201	SOIL	MGA94_50	7687219	587249	75	0.003	61.4	3.1	0.12	7.14	17.7	249	1.99	0.39		0.11	0.13	37.7	58.6	401	4.9	87	11.60	19.0	0.13	0.11	0.06	0.10	0.51
300137	SOIL	MGA94_50	7687820	587753	70	0.005	62.2	5.1	0.10	5.93	22.7	213	1.43	0.39		0.07	0.17	42.4	89.1	329	4.2	87	9.41	16.6	0.10	0.38	0.07	0.08	0.41
300221	SOIL	MGA94_50	7687019	587050	78	0.002	58.7	2.4	0.09	6.78	18.6	256	2.07	0.41		0.09	0.11	47.3	63.9	297	5.2	62	10.80	17.9	0.16	0.44	0.07	0.09	0.59
300109	SOIL	MGA94_50	7688023	587850	65	0.004	66.5	3.6	0.10	7.55	19.6	296	1.88	0.44		0.10	0.18	50.8	79.1	334	6.3	75	9.10	18.5	0.11	0.70	0.09	0.09	0.59
300161	SOIL	MGA94_50	7687619	587650	72	0.006	28.1	5.8	0.07	3.63	19.1	121	1.70	0.35		0.03	0.05	38.0	47.7	199	5.2	59	5.04	17.2	0.10	0.29	0.03	0.07	0.29
300174	SOIL	MGA94_50	7687521	587351	76	0.003	43.6	2.6	0.10	5.14	17.8	280	1.74	0.44	3	0.07	0.08	47.6	74.8	380	3.3	73	10.90	17.0	0.13	0.05	0.07	0.08	0.49
300053	SOIL	MGA94_50	7688322	588251	66	0.006	54.3	6.4	0.09	7.37	19.6	174	1.59	0.33		0.17	0.08	38.2	31.3	270	5.5	66	8.28	18.2	0.08	0.57	0.09	0.08	0.47
300185	SOIL	MGA94_50	7687420	587152	72	0.006	47.7	5.9	0.12	5.53	20.4	202	1.46	0.33		0.09	0.09	39.8	56.6	270	4.4	68	9.94	14.6	0.12	0.13	0.07	0.07	0.48
300169	SOIL	MGA94_50	7687622	586843	86	0.005	53.4	4.5	0.10	7.45	16.7	177	1.68	0.29		0.08	0.04	44.3	43.5	302	4.8	66	8.61	17.4	0.12	0.58	0.03	0.07	0.55
300005	SOIL	MGA94_50	7688622	587955	63	0.007	42.1	6.6	0.04	6.52	20.8	128	1.47	0.29		0.08	0.05	31.3	23.7	236	5.2	68	6.81	16.3	0.09	0.57	0.03	0.07	0.32
300190	SOIL	MGA94_50	7687325	587448	84	0.006	52.3	5.8	0.18	5.47	16.0	225	1.62	0.51	5	0.21	0.18	41.5	57.9	290	3.8	81	10.10	16.5	0.11	0.16	0.14	0.09	0.44
300216	SOIL	MGA94_50	7687014	587544	72	0.004	55.5	3.8	0.11	6.00	20.2	284	1.58	0.38	3	0.15	0.17	48.1	82.3	316	5.3	78	8.65	18.4	0.07	0.54	0.09	0.07	0.57
300091	SOIL	MGA94_50	7688120	588253	71	0.004	57.4	3.9	0.04	8.15	19.1	201	1.84	0.30		0.21	0.07	38.5	33.8	281	5.7	60	7.34	18.7	0.10	0.64	0.04	0.09	0.68
300104	SOIL	MGA94_50	7688119	586950	72	0.003	41.8	3.4	0.11	4.87	12.6	189	1.24	0.40	2	0.17	0.18	41.7	71.3	243	2.4	86	7.36	15.1	<0.05	0.16	0.08	0.07	0.36
300069	SOIL	MGA94_50	7688223	588545	61	0.009	41.7	8.6	0.13	6.91	23.9	222	1.87	0.28		0.46	0.12	50.2	32.2	227	5.2	52	6.48	17.2	0.12	0.51	0.03	0.07	0.63
300095	SOIL	MGA94_50	7688126	587854	74	0.006	59.1	6.4	0.03	6.93	35.8	159	1.54	0.28		0.21	0.05	33.7	37.4	321	5.3	69	7.68	16.7	0.10	0.56	0.02	0.08	0.59
300224	SOIL	MGA94_50	7687018	586757	78	0.006	41.8	6.2	0.11	4.87	10.2	231	1.46	0.38	2	0.12	0.12	47.4	81.7	270	4.6	81	8.54	17.8	<0.05	0.07	0.10	0.07	0.44
300191	SOIL	MGA94_50	7687323	587350	76	0.004	59.5	4.3	0.15	7.93	16.3	266	1.89	0.43		0.10	0.13	36.3	67.5	361	6.7	82	10.70	20.5	0.15	0.15	0.07	0.09	0.60
300248	SOIL	MGA94_50	7687022	587940	72	0.004	81.7	4.4	0.13	6.83	15.3	316	1.87	0.47	4	0.12	0.20	62.8	103.0	358	5.6	85	11.50	20.4	0.10	0.36	0.13	0.09	0.62
300193	SOIL	MGA94_50	7687319	587151	69	0.004	52.5	3.9	0.13	6.18	19.2	255	1.64	0.34		0.14	0.12	37.2	64.4	280	5.0	66	10.10	15.6	0.11	0.04	0.07	0.07	0.56
300124	SOIL	MGA94_50	7687923	587752	71	0.002	48.7	2.3	0.15	5.78	12.7	283	1.61	0.55	3	0.13	0.23	43.0	97.9	366	5.9	104	9.76	16.8	0.05	0.02	0.12	0.08	0.47
300113	SOIL	MGA94_50	7688020	587454	69	0.005	60.9	4.5	0.09	6.25	64.0	188	1.67	0.39		0.07	0.13	31.0	54.0	343	4.1	81	9.87	17.4	0.11	0.05	0.09	0.09	0.41
300215	SOIL	MGA94_50	7687118	586751	72	0.004	45.6	3.5	0.10	6.19	15.6	240	1.66	0.36		0.18	0.11	39.4	52.7	278	4.7	60	9.40	15.2	0.09	0.16	0.07	0.08	0.51
300181	SOIL	MGA94_50	7687418	587545	80	0.014	42.5	14.0	0.12	5.53	14.3	205	1.49	0.35		0.16	0.16	42.1	53.6	241	5.2	71	9.54	14.8	0.11	0.11	0.08	0.07	0.45
300220	SOIL	MGA94_50	7687021	587146	76	0.004	57.0	3.8	0.13	5.21	14.2	224	1.55	0.43	3	0.14	0.20	55.2	86.4	284	5.0	82	9.81	18.2	0.06	0.24	0.14	0.08	0.49
300074	SOIL	MGA94_50	7688219	588059	62	0.003	47.7	2.7	0.03	5.83	16.7	107	1.22	0.33	2	0.16	0.05	32.3	35.9	304	3.3	103	7.11	15.3	<0.05	0.45	0.02	0.07	0.32

Sample ID	Sample Type	Grid ID	North	East	RL	Au g/t	Li ppm	Au ppb	Ag ppm	Al pct	As ppm	Ba ppm	Be ppm	Bi ppm	Br ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %
300041	SOIL	MGA94_50	7688417	587751	71	0.005	45.6	5.4	0.08	4.80	18.1	162	1.46	0.32		0.21	0.12	32.4	41.0	266	4.4	81	5.77	18.5	0.10	0.56	0.05	0.07	0.39
300008	SOIL	MGA94_50	7688620	587657	69	0.012	38.1	12.4	0.09	5.32	13.0	215	1.36	0.21	2	0.35	0.06	44.6	33.3	201	4.5	65	5.11	14.1	0.08	0.33	0.02	0.05	0.45
300111	SOIL	MGA94_50	7688022	587653	68	0.005	54.7	5.2	0.11	6.77	23.0	164	1.55	0.30		0.33	0.13	29.6	36.5	297	6.6	82	7.54	16.1	0.11	0.53	0.06	0.09	0.51
300096	SOIL	MGA94_50	7688122	587752	72	0.004	91.2	4.4	0.09	7.37	21.6	208	1.51	0.35	3	0.10	0.10	33.0	71.4	383	3.4	73	11.00	18.1	0.09	0.17	0.10	0.07	0.48
300011	SOIL	MGA94_50	7688616	587339	71	0.004	35.7	3.7	0.13	5.99	9.7	196	1.41	0.30		0.32	0.21	35.6	36.2	192	5.6	65	5.67	14.8	0.12	0.50	0.10	0.07	0.53
300083	SOIL	MGA94_50	7688221	587156	77	0.005	31.9	4.6	0.11	5.80	12.3	172	1.53	0.27		0.21	0.13	34.1	26.5	198	4.6	55	5.49	14.1	0.10	0.52	0.05	0.07	0.51
300165	SOIL	MGA94_50	7687629	587244	74	0.005	36.6	5.3	0.12	4.78	17.5	205	1.60	0.40		0.11	0.11	38.9	61.1	293	3.7	71	9.43	15.1	0.09	0.02	0.07	0.07	0.42
300037	SOIL	MGA94_50	7688422	588157	62	0.003	46.5	3.2	0.06	7.29	20.5	138	1.67	0.33		0.10	0.05	32.0	28.4	282	6.1	67	7.95	18.2	0.09	0.47	0.04	0.07	0.47
300188	SOIL	MGA94_50	7687427	586855	71	0.003	48.7	3.0	0.11	5.57	14.4	269	1.67	0.37	4	0.14	0.14	44.7	71.2	290	3.9	67	8.71	14.0	0.09	0.05	0.11	0.07	0.52
300057	SOIL	MGA94_50	7688318	587852	67	0.004	77.1	4.1	0.09	7.94	27.4	202	1.48	0.33		0.22	0.13	31.9	47.0	368	4.3	78	9.06	19.4	0.10	0.60	0.09	0.08	0.51
300241	SOIL	MGA94_50	7686918	587749	72	0.003	42.0	3.2	0.11	5.28	18.0	226	1.83	0.37		0.09	0.08	48.7	66.5	260	4.1	63	9.34	14.9	0.07	0.34	0.13	0.08	0.41
300245	SOIL	MGA94_50	7687212	587849	75	0.004	71.6	4.0	0.10	6.79	16.8	276	1.65	0.45		0.13	0.14	46.3	71.2	336	4.2	74	10.50	17.4	0.08	0.68	0.08	0.09	0.50
300198	SOIL	MGA94_50	7687222	587549	81	0.004	67.5	3.5	0.11	7.47	14.5	267	2.09	0.41	5	0.11	0.10	46.8	49.0	356	4.8	76	11.70	22.9	0.18	0.39	0.08	0.08	0.73
300211	SOIL	MGA94_50	7687119	587144	74	0.002	56.9	2.0	0.11	6.00	18.2	248	1.63	0.35		0.22	0.10	34.9	59.3	294	4.2	74	10.00	15.1	0.08	0.07	0.06	0.08	0.55
300007	SOIL	MGA94_50	7688629	587749	62	0.007	25.5	6.5	0.05	5.35	16.5	209	1.39	0.31		0.55	0.06	31.4	27.8	232	3.4	76	7.40	14.6	0.07	0.23	0.03	0.06	0.19
300141	SOIL	MGA94_50	7687818	587348	67	0.005	42.7	5.2	0.11	5.32	59.2	172	1.51	0.37		0.08	0.12	29.4	51.0	291	3.8	78	8.62	14.9	0.09	0.15	0.07	0.07	0.46
300060	SOIL	MGA94_50	7688322	587547	66	0.006	81.3	6.0	0.15	8.83	20.3	303	1.59	0.30	2	0.20	0.09	37.2	53.1	323	5.2	89	8.92	19.8	0.13	0.18	0.10	0.07	0.72
300247	SOIL	MGA94_50	7687116	587944	71	0.005	42.0	5.3	0.11	4.66	13.4	231	1.70	0.36		0.25	0.13	48.5	53.1	212	5.5	61	6.56	16.1	0.11	0.84	0.07	0.08	0.44
300003	SOIL	MGA94_50	7688620	588153	59	0.005	24.7	4.8	0.08	4.17	25.2	237	1.41	0.34		0.29	0.08	42.9	28.8	238	4.9	60	4.99	15.2	0.11	0.36	0.03	0.06	0.54
300229	SOIL	MGA94_50	7686924	587153	76	0.005	40.7	4.7	0.11	6.21	19.7	250	1.48	0.30		0.26	0.14	35.0	58.7	274	5.7	78	7.84	13.8	0.06	0.37	0.08	0.08	0.54
300152	SOIL	MGA94_50	7687723	587453	71	0.003	70.7	2.8	0.13	7.13	19.5	278	1.59	0.42	4	0.09	0.11	39.5	93.7	412	4.5	85	11.00	18.9	0.13	0.05	0.10	0.09	0.49
300012	SOIL	MGA94_50	7688616	587254	68	0.010	38.4	9.9	0.21	5.41	16.0	201	1.27	0.20	5	0.27	0.33	36.8	30.4	191	4.6	58	4.96	13.4	0.11	0.37	0.07	0.05	0.51
300056	SOIL	MGA94_50	7688318	587948	73	0.005	80.6	4.5	0.11	7.90	11.0	261	1.57	0.37	2	0.49	0.13	46.5	59.7	339	5.3	107	7.79	22.2	0.05	0.31	0.07	0.08	0.65
300072	SOIL	MGA94_50	7688218	588253	60	0.005	63.1	4.9	0.10	9.59	17.5	248	2.14	0.30	5	0.19	0.09	42.0	38.4	298	6.3	66	8.27	21.0	0.17	0.78	0.09	0.08	0.91
300171	SOIL	MGA94_50	7687521	587648	78	0.004	48.2	4.0	0.10	6.73	14.6	245	1.55	0.36		0.17	0.15	36.2	61.6	316	6.4	75	9.41	16.8	0.08	0.10	0.08	0.07	0.59
300233	SOIL	MGA94_50	7686922	586759	84	0.005	56.0	4.9	0.11	7.87	15.4	301	1.97	0.34		0.16	0.14	54.0	60.7	298	5.5	64	9.15	18.5	0.14	0.67	0.08	0.08	0.68
300035	SOIL	MGA94_50	7688408	588366	59	0.005	34.0	4.6	0.10	6.25	27.0	218	1.50	0.32		0.33	0.10	43.6	32.6	227	5.2	56	7.45	15.6	0.08	0.26	0.05	0.07	0.58
300098	SOIL	MGA94_50	7688124	587550	72	0.004	62.5	4.1	0.10	6.98	26.1	250	1.49	0.36	3	0.20	0.14	31.1	69.5	346	3.7	85	9.24	16.8	0.07	0.23	0.10	0.08	0.58
300176	SOIL	MGA94_50	7687523	587149	71	0.007	45.9	6.5	0.12	5.14	17.8	260	1.40	0.33	7	0.26	0.12	31.3	46.4	291	3.3	68	8.13	13.3	0.10	0.11	0.09	0.06	0.48
300048	SOIL	MGA94_50	7688419	587051	70	0.006	57.8	6.0	0.13	7.22	9.5	220	1.38	0.32	2	0.79	0.21	39.6	40.2	229	5.1	100	7.19	17.4	0.05	0.35	0.09	0.07	0.58
300200	SOIL	MGA94_50	7687220	587351	83	0.009	41.6	8.6	0.10	5.29	12.0	187	1.45	0.35	3	0.12	0.11	41.6	49.0	267	5.0	76	9.45	17.1	0.07	0.41	0.09	0.07	0.52
300066	SOIL	MGA94_50	7688320	586956	83	0.008	43.4	7.5	0.08	6.22	18.3	163	1.47	0.26	5	0.42	0.07	29.4	27.2	234	3.5	63	7.33	14.7	0.07	0.41	0.16	0.06	0.47
300047	SOIL	MGA94_50	7688424	587148	74	0.005	25.6	4.7	0.04	4.89	16.6	154	1.36	0.25		0.54	0.06	37.7	37.3	182	4.6	64	4.69	16.0	0.10	0.49	0.05	0.06	0.39
300077	SOIL	MGA94_50	7688216	587754	70	0.005	28.1	4.5	0.09	5.07	52.3	186	1.48	0.28		0.19	0.15	32.3	42.9	210	5.5	66	5.52	13.5	0.09	0.48	0.08	0.07	0.50
300117	SOIL	MGA94_50	7688023	587054	74	0.005	35.1	4.5	0.10	5.79	11.0	204	1.56	0.28		0.41	0.13	37.8	30.8	249	5.2	66	6.35	14.1	0.11	0.47	0.07	0.07	0.55

Sample ID	Sample Type	Grid ID	North	East	RL	Au g/t	Li ppm	Au ppb	Ag ppm	Al pct	As ppm	Ba ppm	Be ppm	Bi ppm	Br ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %
300148	SOIL	MGA94_50	7687725	587847	65	0.025	21.3	25.0	0.13	5.32	27.7	198	1.15	0.25	4	0.95	0.08	30.0	35.7	230	3.3	71	6.08	13.3	<0.05	0.28	0.09	0.06	0.46
300116	SOIL	MGA94_50	7688024	587152	69	0.006	14.0	6.3	0.12	4.44	8.5	172	1.30	0.27	2	0.42	0.21	32.6	37.2	181	5.1	77	5.68	12.1	<0.05	0.16	0.08	0.06	0.44
300026	SOIL	MGA94_50	7688526	587549	67	0.005	32.4	4.9	0.17	4.78	6.0	159	1.06	0.25	2	0.69	0.16	41.1	38.1	178	3.7	79	4.83	13.3	<0.05	0.13	0.08	0.05	0.42
300068	SOIL	MGA94_50	7688323	586758	71	0.008	3.9	8.2	0.08	2.65	12.1	73	0.79	0.20	3	0.67	0.05	29.8	31.9	114	4.3	68	4.45	8.3	<0.05	0.22	0.03	0.04	0.31
300182	SOIL	MGA94_50	7687423	587442	78	0.004	34.0	3.8	0.12	5.46	13.9	141	1.30	0.35	6	0.14	0.05	44.1	37.0	353	2.6	73	10.60	16.0	0.12	0.01	0.08	0.07	0.38
300106	SOIL	MGA94_50	7688114	586750	74	0.007	12.4	7.2	0.07	4.28	11.6	117	0.98	0.24	4	0.54	0.06	35.1	33.0	152	5.6	80	5.51	11.8	0.06	0.36	0.06	0.06	0.47
300021	SOIL	MGA94_50	7688516	588055	69	0.006	17.2	6.3	0.03	4.13	12.2	71	0.95	0.17		0.19	0.04	27.4	18.9	139	3.0	57	3.91	9.5	0.05	0.29	0.02	0.04	0.25
300175	SOIL	MGA94_50	7687526	587250	72	0.005	48.0	4.5	0.10	5.88	16.3	297	1.55	0.37		0.13	0.15	37.1	96.7	355	6.5	76	9.58	15.7	0.09	0.12	0.07	0.08	0.55
300025	SOIL	MGA94_50	7688517	587657	63	0.006	29.1	5.5	0.05	5.55	18.1	174	1.45	0.34		0.26	0.07	24.0	27.2	269	3.4	75	8.75	15.7	0.06	0.23	0.04	0.07	0.29
300238	SOIL	MGA94_50	7687225	587748	78	0.005	76.3	4.5	0.17	6.65	14.0	248	1.89	0.47	5	0.09	0.19	50.1	84.0	339	7.3	87	10.40	21.5	0.11	0.13	0.14	0.09	0.55
300246	SOIL	MGA94_50	7687219	587944	71	0.004	83.0	3.7	0.13	7.18	13.5	326	1.76	0.39	4	0.13	0.15	56.2	93.1	375	5.7	76	10.30	21.3	0.11	0.42	0.09	0.08	0.70
300036	SOIL	MGA94_50	7688414	588251	60	0.007	61.8	6.9	0.13	7.48	21.7	211	1.64	0.26	4	0.41	0.08	48.5	38.1	253	5.7	71	7.36	16.9	0.17	0.52	0.05	0.06	0.55
300154	SOIL	MGA94_50	7687723	587251	69	0.005	53.8	5.0	0.14	6.22	18.4	294	1.55	0.39	6	0.20	0.09	37.6	49.6	322	3.7	69	9.21	15.3	0.11	0.17	0.09	0.07	0.61
300239	SOIL	MGA94_50	7687121	587745	75	0.003	41.5	2.6	0.09	4.76	14.8	252	1.63	0.44		0.13	0.15	45.1	75.8	259	5.4	67	9.57	15.0	0.06	0.22	0.10	0.09	0.37
300236	SOIL	MGA94_50	7687118	587652	76	0.005	83.7	4.7	0.10	7.23	12.6	274	1.66	0.36	4	0.06	0.07	48.6	72.8	355	5.1	69	10.80	19.5	0.09	0.50	0.09	0.07	0.63
300168	SOIL	MGA94_50	7687621	586948	75	0.002	52.6	2.0	0.08	6.57	18.2	266	1.70	0.35	6	0.16	0.06	50.8	87.7	323	3.8	70	9.32	16.4	0.12	0.09	0.07	0.08	0.54
300020	SOIL	MGA94_50	7688513	588160	67	0.005	67.4	4.6	0.12	7.26	22.3	266	1.51	0.25	4	0.46	0.10	44.5	33.5	256	5.7	60	7.25	16.4	0.16	0.57	0.03	0.06	0.66
300127	SOIL	MGA94_50	7687921	587449	73	0.003	50.8	3.4	0.09	5.51	60.9	277	1.65	0.45		0.08	0.17	39.7	64.7	367	4.9	98	10.10	16.8	0.07	0.25	0.11	0.10	0.39
300177	SOIL	MGA94_50	7687519	587050	73	0.008	56.6	8.3	0.15	5.91	17.5	198	1.29	0.35		0.11	0.15	33.8	86.2	334	5.4	102	9.65	15.3	0.07	0.11	0.11	0.08	0.45
300147	SOIL	MGA94_50	7687821	586754	67	0.008	45.8	7.5	0.11	6.02	15.6	170	1.41	0.28		0.13	0.09	31.2	42.6	278	4.7	66	7.27	15.0	0.07	0.44	0.12	0.07	0.51
300136	SOIL	MGA94_50	7687822	587852	73	0.006	33.4	5.9	0.11	4.44	16.3	192	1.35	0.39	3	0.20	0.14	32.6	43.3	264	3.5	62	7.34	11.0	<0.05	0.34	0.10	0.06	0.37
300227	SOIL	MGA94_50	7686920	587352	75	0.004	59.6	4.1	0.08	7.02	20.9	223	1.71	0.34		0.16	0.10	37.6	49.8	316	3.8	74	8.67	16.8	0.10	0.73	0.07	0.08	0.52
300018	SOIL	MGA94_50	7688516	588342	61	0.007	63.5	7.2	0.12	7.37	22.8	278	1.70	0.26	6	0.62	0.11	52.4	31.8	244	5.6	59	6.99	17.2	0.20	0.65	0.03	0.06	0.71
300214	SOIL	MGA94_50	7687118	586848	75	0.002	68.0	2.4	0.11	6.45	13.8	252	1.81	0.39	5	0.16	0.14	49.6	63.5	348	5.5	71	11.10	19.1	0.11	0.24	0.10	0.07	0.57
300178	SOIL	MGA94_50	7687521	586948	70	0.005	43.6	5.4	0.11	5.11	18.7	214	1.45	0.32	5	0.20	0.13	36.4	69.3	285	3.2	76	8.36	14.1	0.10	0.20	0.08	0.07	0.49
300009	SOIL	MGA94_50	7688618	587550	72	0.017	32.4	16.8	0.15	5.92	16.3	158	1.44	0.24		0.40	0.08	42.4	32.4	199	4.1	67	5.81	14.9	0.09	0.26	0.06	0.06	0.41
300244	SOIL	MGA94_50	7687123	587837	84	0.003	43.9	3.4	0.10	5.04	10.5	328	1.46	0.41	2	0.11	0.12	47.1	76.2	267	5.0	68	8.49	18.1	0.05	0.28	0.10	0.08	0.49
300163	SOIL	MGA94_50	7687619	587452	72	0.007	44.9	6.6	0.08	6.42	15.6	206	1.54	0.29		0.21	0.11	39.6	48.4	264	6.2	73	7.66	15.5	0.09	0.49	0.06	0.06	0.59
300160	SOIL	MGA94_50	7687622	587748	72	0.004	25.1	4.3	0.11	3.80	19.4	246	1.27	0.32	3	0.17	0.12	41.0	66.0	244	3.4	71	7.69	11.6	<0.05	0.25	0.09	0.06	0.35
300145	SOIL	MGA94_50	7687821	586957	68	0.002	38.4	2.1	0.04	4.99	24.9	135	1.57	0.26		0.09	0.04	34.2	39.6	260	4.7	68	6.05	16.4	0.10	0.53	0.02	0.06	0.46
300076	SOIL	MGA94_50	7688221	587853	71	0.009	76.8	9.3	0.05	7.67	19.4	130	1.49	0.29	6	0.63	0.04	32.4	35.9	351	3.8	80	8.58	17.3	0.12	0.71	0.02	0.07	0.52
300126	SOIL	MGA94_50	7687922	587552	74	0.005	58.1	5.0	0.12	6.66	26.3	267	1.71	0.42	5	0.21	0.16	42.0	96.6	340	5.1	114	9.81	17.2	0.10	0.26	0.12	0.09	0.57
300059	SOIL	MGA94_50	7688327	587647	67	0.007	45.8	6.5	0.12	6.31	37.5	206	1.28	0.28		0.29	0.13	26.4	37.2	283	4.4	86	7.67	15.8	0.06	0.36	0.08	0.07	0.45
300093	SOIL	MGA94_50	7688124	588052	68	0.008	57.6	8.1	0.04	7.86	16.2	183	1.60	0.27		0.28	0.06	30.9	32.7	290	6.0	77	7.01	16.6	0.10	0.55	0.04	0.08	0.59
300024	SOIL	MGA94_50	7688519	587756	63	0.006	52.4	6.1	0.21	6.42	18.4	202	1.35	0.24	5	0.29	0.15	38.9	38.6	250	5.0	70	6.07	15.6	0.15	0.45	0.09	0.06	0.66

Sample ID	Sample Type	Grid ID	North	East	RL	Au g/t	Li ppm	Au ppb	Ag ppm	Al pct	As ppm	Ba ppm	Be ppm	Bi ppm	Br ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %
300043	SOIL	MGA94_50	7688416	587551	64	0.005	29.6	5.1	0.09	5.80	14.7	201	1.31	0.28		0.35	0.11	30.9	34.0	236	4.1	68	7.30	14.6	0.05	0.12	0.06	0.06	0.44
300240	SOIL	MGA94_50	7687019	587748	73	0.004	50.2	4.3	0.05	6.20	9.8	217	1.57	0.29	5	0.13	0.06	47.3	50.5	320	5.8	75	7.98	18.8	0.07	0.43	0.06	0.07	0.62
300028	SOIL	MGA94_50	7688527	587354	61	0.009	33.4	8.5	0.19	5.48	9.7	193	1.14	0.22	2	0.42	0.19	35.7	39.9	183	4.7	76	5.31	14.8	<0.05	0.27	0.08	0.06	0.53
300105	SOIL	MGA94_50	7688118	586853	75	0.003	43.8	2.8	0.08	6.40	15.4	175	1.40	0.28		0.26	0.16	30.4	30.9	236	4.5	57	6.33	14.3	0.08	0.55	0.05	0.07	0.49
300121	SOIL	MGA94_50	7687924	588045	72	0.005	36.8	4.8	0.08	6.10	13.3	192	1.49	0.29		0.45	0.16	32.1	34.6	226	5.8	75	7.05	14.3	0.09	0.52	0.05	0.08	0.54
300140	SOIL	MGA94_50	7687821	587449	70	0.005	53.1	4.7	0.12	6.35	70.7	228	1.55	0.33	4	0.18	0.16	35.2	80.3	323	3.9	85	8.67	15.5	0.10	0.12	0.08	0.08	0.46
300232	SOIL	MGA94_50	7686922	586860	81	0.003	60.2	3.2	0.10	5.18	8.2	327	1.16	0.34	3	0.15	0.18	56.9	87.0	312	3.9	64	9.82	16.8	0.05	0.36	0.11	0.06	0.49
300046	SOIL	MGA94_50	7688410	587247	75	0.005	36.0	4.7	0.04	5.86	11.3	154	1.27	0.19	8	0.22	0.07	31.4	27.5	210	4.5	64	5.12	13.9	0.14	0.38	0.02	0.05	0.49
300064	SOIL	MGA94_50	7688322	587152	68	0.006	45.5	6.4	0.09	6.31	19.8	125	1.18	0.27	4	0.73	0.12	28.8	35.7	270	3.6	89	8.16	15.8	0.07	0.25	0.08	0.08	0.45
300016	SOIL	MGA94_50	7688623	586850	69	0.006	64.3	5.8	0.09	5.90	13.1	161	1.16	0.18	9	0.26	0.07	40.0	29.4	257	4.7	58	5.26	14.5	0.15	0.33	0.02	0.05	0.56
300062	SOIL	MGA94_50	7688328	587352	67	0.003	15.2	3.2	0.09	4.64	10.1	145	1.15	0.26	2	0.23	0.12	29.1	29.8	167	3.1	57	5.24	9.7	<0.05	0.33	0.07	0.05	0.39
300097	SOIL	MGA94_50	7688123	587653	72	0.002	31.2	1.7	0.03	5.16	17.3	148	1.45	0.27		0.55	0.08	35.0	42.4	209	5.8	74	5.82	13.1	0.10	0.50	0.01	0.07	0.52
300166	SOIL	MGA94_50	7687622	587152	70	0.009	15.0	9.0	0.16	3.84	16.8	103	1.01	0.20	4	0.26	0.07	24.1	32.8	172	3.3	57	4.48	9.9	<0.05	0.16	0.07	0.05	0.35
300234	SOIL	MGA94_50	7686917	587649	73	0.006	58.1	6.0	0.13	7.65	19.0	346	1.80	0.35	5	0.12	0.21	48.3	86.5	384	7.3	77	9.79	19.4	0.09	0.50	0.11	0.07	0.87
300129	SOIL	MGA94_50	7687921	587251	73	0.006	35.6	5.7	0.05	3.77	43.4	118	1.82	0.37		0.04	0.05	36.9	34.4	256	3.6	67	5.82	16.4	0.08	0.46	0.04	0.08	0.19
300223	SOIL	MGA94_50	7687022	586856	89	0.005	51.7	5.2	0.12	7.34	17.0	283	1.98	0.47		0.18	0.18	45.5	69.1	281	5.9	72	9.35	17.9	0.14	0.23	0.12	0.09	0.61
300213	SOIL	MGA94_50	7687125	586953	80	0.003	44.1	2.7	0.12	6.17	17.4	240	1.85	0.49		0.10	0.14	33.3	52.3	285	4.6	68	9.25	16.6	0.12	0.02	0.09	0.09	0.49
300049	SOIL	MGA94_50	7688420	586949	73	0.004	47.1	3.7	0.08	6.63	16.3	178	1.29	0.28		0.61	0.20	35.4	36.5	281	3.9	78	7.62	16.0	0.07	0.21	0.10	0.07	0.40
300032	SOIL	MGA94_50	7688527	586950	72	0.005	50.1	4.7	0.11	5.72	10.8	209	1.29	0.25	6	0.41	0.16	41.6	34.9	206	4.4	69	5.52	14.3	0.14	0.45	0.04	0.06	0.54
300157	SOIL	MGA94_50	7687722	586954	69	0.008	46.6	7.5	0.10	6.56	16.3	169	1.63	0.29		0.09	0.06	33.6	40.0	284	4.2	63	8.11	16.7	0.10	0.21	0.07	0.07	0.43
300231	SOIL	MGA94_50	7686920	586962	79	0.004	59.9	4.2	0.10	6.78	15.5	259	1.65	0.32		0.23	0.14	51.7	50.3	296	4.2	57	8.74	16.1	0.14	0.74	0.06	0.07	0.54
300019	SOIL	MGA94_50	7688518	588242	73	0.003	39.8	3.2	0.08	6.73	27.1	227	1.59	0.36		0.19	0.09	47.8	35.5	242	5.8	60	7.22	16.6	0.11	0.40	0.05	0.07	0.69
300153	SOIL	MGA94_50	7687722	587349	69	0.006	42.9	6.0	0.13	5.67	18.8	216	1.53	0.33		0.17	0.13	33.6	56.6	286	4.5	72	8.08	15.7	0.09	0.17	0.08	0.07	0.51
300204	SOIL	MGA94_50	7687215	586958	80	0.005	74.0	4.6	0.11	8.02	13.1	281	2.05	0.39	6	0.18	0.16	52.0	67.0	355	9.3	66	10.40	21.2	0.13	0.80	0.11	0.07	0.80
300194	SOIL	MGA94_50	7687317	587049	72	0.005	52.9	4.8	0.12	6.40	17.0	233	1.46	0.35	4	0.20	0.12	37.6	63.4	305	4.8	70	9.49	14.2	0.09	0.32	0.13	0.07	0.56
300210	SOIL	MGA94_50	7687117	587241	75	0.003	50.1	3.3	0.16	6.54	19.8	266	1.82	0.53	7	0.12	0.15	55.4	61.2	315	5.7	87	10.20	22.5	0.17	0.30	0.09	0.09	0.67
300055	SOIL	MGA94_50	7688321	588060	67	0.005	48.4	5.3	0.09	6.79	14.6	140	1.35	0.29		0.53	0.13	33.1	35.3	269	4.3	77	7.06	16.2	0.09	0.40	0.05	0.06	0.36
300045	SOIL	MGA94_50	7688414	587352	66	0.004	57.4	3.6	0.11	7.75	18.9	196	1.45	0.30		0.18	0.12	35.1	44.1	293	4.5	76	7.75	18.4	0.09	0.54	0.08	0.08	0.51
300235	SOIL	MGA94_50	7687016	587655	72	0.004	34.0	4.4	0.08	5.97	38.1	230	1.60	0.31		0.19	0.12	39.4	53.6	231	5.5	64	8.41	14.4	0.07	0.63	0.07	0.08	0.55
300205	SOIL	MGA94_50	7687216	586844	79	0.003	34.7	3.0	0.11	5.75	11.4	199	1.57	0.33		0.28	0.12	38.3	43.6	229	6.1	56	7.99	13.8	0.08	0.54	0.07	0.07	0.55
300155	SOIL	MGA94_50	7687723	587146	69	0.013	26.2	12.7	0.14	5.06	27.6	217	1.26	0.27		0.25	0.17	38.3	49.1	215	5.2	61	6.74	12.8	0.07	0.45	0.08	0.06	0.52
300002	SOIL	MGA94_50	7688620	588255	63	0.006	41.3	6.4	0.13	5.86	17.8	225	1.33	0.25	2	0.44	0.10	47.2	35.8	205	5.3	66	5.58	15.6	0.06	0.36	0.05	0.06	0.58
300052	SOIL	MGA94_50	7688313	588332	68	0.007	59.4	7.1	0.14	7.70	22.4	258	1.51	0.25	5	0.56	0.12	43.8	35.9	260	6.5	67	7.21	17.7	0.18	0.56	0.05	0.07	0.79
300139	SOIL	MGA94_50	7687822	587553	73	0.005	29.9	4.5	0.08	5.12	18.3	170	1.36	0.27		0.50	0.18	35.8	39.1	209	5.2	77	6.93	13.3	0.09	0.47	0.07	0.07	0.49
300151	SOIL	MGA94_50	7687720	587550	66	0.008	40.9	7.8	0.10	5.84	12.6	168	1.44	0.27		0.25	0.16	31.2	34.6	235	5.8	70	6.92	14.7	0.08	0.51	0.08	0.07	0.51

Sample ID	Sample Type	Grid ID	North	East	RL	Au g/t	Li ppm	Au ppb	Ag ppm	Al pct	As ppm	Ba ppm	Be ppm	Bi ppm	Br ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %
300180	SOIL	MGA94_50	7687522	586751	72	0.007	26.5	6.7	0.14	4.68	14.5	161	1.23	0.31	4	0.45	0.14	30.0	41.0	243	3.5	78	6.71	11.5	0.05	0.30	0.07	0.06	0.42
300164	SOIL	MGA94_50	7687619	587351	72	0.006	45.4	6.3	0.18	5.81	14.8	279	1.34	0.37	4	0.21	0.19	41.7	79.7	272	7.4	84	7.74	14.0	0.06	0.35	0.10	0.07	0.53
300042	SOIL	MGA94_50	7688421	587650	72	0.005	57.8	4.5	0.11	6.70	21.8	240	1.36	0.26	2	0.23	0.09	37.2	49.8	247	4.4	82	6.84	18.3	0.10	0.29	0.07	0.07	0.50
300158	SOIL	MGA94_50	7687717	586850	71	0.004	44.0	3.9	0.08	5.46	29.2	175	1.13	0.30	3	0.30	0.13	36.1	50.3	283	2.9	88	7.29	14.3	0.05	0.21	0.07	0.08	0.41
300184	SOIL	MGA94_50	7687417	587252	72	0.003	72.2	2.8	0.11	7.97	15.8	249	1.58	0.36	4	0.23	0.12	34.8	68.5	416	3.9	89	8.89	19.8	0.12	0.18	0.09	0.08	0.53
300038	SOIL	MGA94_50	7688420	588057	61	0.013	46.2	13.1	0.21	6.86	16.8	190	1.34	0.28	2	0.50	0.14	38.6	36.7	263	6.7	81	6.66	16.5	0.06	0.29	0.07	0.06	0.59
300143	SOIL	MGA94_50	7687825	587149	68	0.008	24.9	7.5	0.11	4.29	19.4	162	1.17	0.26		0.27	0.10	38.2	34.7	198	3.3	56	6.60	11.4	<0.05	0.31	0.06	0.05	0.38
300080	SOIL	MGA94_50	7688224	587452	70	0.005	52.5	4.6	0.08	8.16	19.8	336	1.90	0.32	5	0.25	0.09	36.2	48.9	314	5.0	80	8.89	18.9	0.12	0.37	0.05	0.07	0.79
300122	SOIL	MGA94_50	7687922	587954	70	0.013	48.3	12.9	0.15	7.16	16.3	217	1.46	0.31	5	0.34	0.10	29.3	43.0	272	3.8	96	7.60	16.4	0.08	0.47	0.11	0.07	0.48
300187	SOIL	MGA94_50	7687422	586949	68	0.006	51.2	6.3	0.10	7.60	15.1	254	1.26	0.32		0.20	0.15	38.5	69.1	286	4.4	84	12.40	13.4	<0.05	0.27	0.09	0.07	0.62
300173	SOIL	MGA94_50	7687525	587450	93	0.004	38.1	4.2	0.10	5.56	14.0	244	1.48	0.36		0.07	0.09	35.9	66.5	326	4.1	72	10.60	15.3	0.06	0.03	0.06	0.07	0.45
300092	SOIL	MGA94_50	7688122	588157	77	0.004	39.1	4.1	0.08	6.75	12.8	211	1.56	0.29	4	0.39	0.11	36.0	36.5	225	5.0	75	7.26	15.4	0.12	0.52	0.07	0.06	0.64
300078	SOIL	MGA94_50	7688220	587652	65	0.006	50.2	6.3	0.11	7.57	35.4	250	1.59	0.28	5	0.36	0.20	33.8	48.3	286	5.5	84	7.41	18.0	0.11	0.53	0.07	0.07	0.76
300081	SOIL	MGA94_50	7688222	587356	72	0.006	34.7	5.8	0.08	5.80	18.7	241	1.55	0.25		0.25	0.07	38.2	36.8	231	3.8	59	6.15	14.5	0.08	0.36	0.04	0.07	0.43
300084	SOIL	MGA94_50	7688218	587051	75	0.005	50.0	4.9	0.06	6.21	16.2	159	1.53	0.30	5	0.12	0.06	40.1	41.4	256	3.1	77	7.32	15.8	0.10	0.61	0.06	0.06	0.54
300030	SOIL	MGA94_50	7688517	587154	64	0.004	35.8	4.3	0.07	5.53	11.7	190	1.30	0.21	5	0.24	0.08	38.4	31.6	189	5.2	62	5.27	13.6	0.12	0.40	0.04	0.05	0.52
300073	SOIL	MGA94_50	7688218	588148	60	0.010	23.4	9.9	0.10	3.34	13.5	119	1.45	0.28		0.66	0.10	29.7	30.1	194	4.1	79	3.72	14.1	0.07	0.29	0.05	0.07	0.26
300067	SOIL	MGA94_50	7688324	586845	75	0.006	34.7	6.1	0.09	5.66	24.8	205	1.37	0.24		0.33	0.14	29.1	32.3	204	4.8	57	5.96	13.3	0.07	0.40	0.07	0.07	0.53
300040	SOIL	MGA94_50	7688424	587858	69	0.005	50.2	5.0	0.11	6.26	12.8	205	1.28	0.23	5	0.36	0.12	38.4	37.4	246	5.6	69	5.80	16.0	0.16	0.40	0.06	0.06	0.60
300044	SOIL	MGA94_50	7688416	587449	66	0.005	35.4	4.8	0.12	5.46	12.8	238	1.08	0.21	2	0.35	0.09	47.2	42.0	185	3.7	66	5.25	15.8	0.11	0.32	0.03	0.06	0.50
300112	SOIL	MGA94_50	7688023	587554	69	0.004	34.8	3.7	0.10	4.91	27.3	229	1.11	0.29	2	0.20	0.16	37.1	75.1	253	3.3	88	7.52	14.5	<0.05	0.27	0.09	0.07	0.48
300242	SOIL	MGA94_50	7686917	587842	75	0.005	28.8	4.7	0.13	4.29	5.9	196	1.36	0.34	2	0.25	0.18	47.0	45.2	216	5.8	64	6.15	14.5	<0.05	0.35	0.11	0.06	0.49
300054	SOIL	MGA94_50	7688321	588154	71	0.003	32.5	3.3	0.07	5.46	10.5	154	1.24	0.21	5	0.35	0.06	47.9	26.7	183	5.7	67	4.96	13.2	0.11	0.36	0.01	0.05	0.51
300085	SOIL	MGA94_50	7688224	586952	72	0.005	28.9	4.6	0.03	5.33	12.1	121	1.32	0.23		0.30	0.05	32.2	24.8	182	3.8	56	4.94	11.4	0.09	0.43	0.02	0.05	0.45
300094	SOIL	MGA94_50	7688118	587956	70	0.005	44.2	5.3	0.12	5.94	11.7	184	1.22	0.25	3	0.39	0.11	32.3	40.6	305	3.8	84	6.44	15.9	0.08	0.37	0.07	0.06	0.58
300079	SOIL	MGA94_50	7688220	587552	74	0.002	33.0	1.6	0.04	4.87	24.1	120	1.19	0.24		0.15	0.05	25.8	30.7	221	4.7	62	5.29	12.1	0.08	0.33	0.01	0.06	0.52
300023	SOIL	MGA94_50	7688523	587854	63	0.002	18.4	1.7	0.03	2.89	13.0	77	0.79	0.22		0.34	0.05	28.0	25.9	149	3.1	62	4.88	8.6	0.06	0.28	0.01	0.04	0.22
300142	SOIL	MGA94_50	7687818	587248	68	0.006	51.5	6.3	0.04	5.54	33.1	131	1.42	0.33	7	0.19	0.03	38.7	34.2	340	2.5	69	8.95	16.6	0.12	0.54	0.04	0.07	0.45
300118	SOIL	MGA94_50	7688018	586953	73	0.004	45.7	4.2	0.11	5.82	8.7	161	1.72	0.34	6	0.46	0.13	31.0	35.0	240	4.5	84	6.45	13.4	0.09	0.58	0.16	0.07	0.50
300209	SOIL	MGA94_50	7687115	587351	72	0.005	35.4	4.6	0.13	6.32	34.5	348	1.77	0.38		0.17	0.15	53.1	60.8	241	7.1	67	8.06	15.1	0.11	0.62	0.09	0.08	0.63
300243	SOIL	MGA94_50	7687016	587840	79	0.003	39.6	3.4	0.04	4.75	16.7	170	1.65	0.40		0.09	0.04	51.6	58.2	316	4.0	69	10.90	13.7	0.09	0.53	0.01	0.08	0.39
300133	SOIL	MGA94_50	7687920	586852	69	0.007	36.1	6.7	0.11	6.03	16.2	203	1.34	0.25		0.36	0.09	33.4	37.9	230	4.6	65	7.24	15.0	0.08	0.35	0.07	0.07	0.52
300115	SOIL	MGA94_50	7688021	587255	69	0.007	47.4	6.6	0.10	7.69	17.6	308	1.72	0.30		0.37	0.12	37.1	45.1	291	5.2	70	7.81	17.1	0.10	0.53	0.08	0.08	0.67
300225	SOIL	MGA94_50	7686923	587552	75	0.003	32.8	3.3	0.11	5.19	11.5	187	1.57	0.33		0.30	0.13	46.1	43.9	197	7.2	56	7.00	12.9	0.11	0.60	0.10	0.06	0.49
300212	SOIL	MGA94_50	7687123	587055	75	0.008	97.3	8.4	0.19	7.59	16.1	251	1.80	0.39	8	0.23	0.14	57.5	54.6	376	6.2	85	10.30	25.5	0.18	0.37	0.14	0.08	0.64

Sample ID	Sample Type	Grid ID	North	East	RL	Au g/t	Li ppm	Au ppb	Ag ppm	Al pct	As ppm	Ba ppm	Be ppm	Bi ppm	Br ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %
300131	SOIL	MGA94_50	7687920	587057	71	0.005	27.1	5.0	0.08	4.11	16.3	219	1.54	0.27		0.29	0.08	31.2	37.9	204	4.7	63	4.69	15.6	0.08	0.40	0.05	0.08	0.40
300217	SOIL	MGA94_50	7687016	587452	75	0.004	57.9	3.7	0.09	5.68	17.4	232	1.53	0.35		0.18	0.13	34.1	62.2	288	3.8	63	9.27	14.8	0.07	0.37	0.08	0.08	0.49
300237	SOIL	MGA94_50	7687217	587648	79	0.004	37.0	4.3	0.12	5.48	10.8	246	1.52	0.36		0.23	0.15	48.4	55.3	228	5.9	63	8.08	13.0	0.09	0.57	0.07	0.07	0.52
300123	SOIL	MGA94_50	7687922	587855	70	0.004	49.6	4.2	0.10	6.15	13.1	182	1.42	0.28		0.29	0.14	33.4	33.9	305	5.3	70	6.12	14.9	0.09	0.43	0.06	0.07	0.51
300230	SOIL	MGA94_50	7686920	587049	79	0.002	80.5	2.3	0.11	6.95	15.0	322	1.59	0.38	6	0.33	0.11	57.5	70.9	329	5.5	68	10.50	19.2	0.12	0.76	0.05	0.07	0.68
300197	SOIL	MGA94_50	7687320	586752	71	0.005	32.7	5.2	0.09	4.63	17.5	203	1.22	0.27		0.21	0.12	35.2	52.7	230	4.7	63	7.92	12.2	0.07	0.41	0.07	0.06	0.49
300103	SOIL	MGA94_50	7688118	587056	70	0.005	55.2	4.8	0.08	6.72	15.5	226	1.41	0.32		0.24	0.12	33.2	41.2	309	3.5	69	7.17	15.3	0.07	0.45	0.06	0.08	0.52
300120	SOIL	MGA94_50	7688022	586754	70	0.007	57.9	7.3	0.12	8.28	17.7	248	1.75	0.30	5	0.28	0.08	31.8	42.0	266	5.1	79	8.05	18.8	0.10	0.66	0.10	0.08	0.71
300138	SOIL	MGA94_50	7687820	587648	72	0.007	65.7	6.6	0.04	5.26	13.7	133	1.10	0.29	4	0.10	0.03	21.5	26.0	481	2.0	51	9.24	13.2	0.07	0.43	0.03	0.06	0.22
300107	SOIL	MGA94_50	7688023	588048	62	0.005	49.7	4.9	0.10	6.82	15.5	199	1.43	0.29		0.34	0.16	28.7	34.5	273	4.8	76	7.13	15.1	0.08	0.40	0.08	0.08	0.56
300100	SOIL	MGA94_50	7688122	587350	70	0.004	48.6	4.1	0.10	8.71	15.4	392	1.59	0.30	9	0.22	0.10	48.4	57.3	297	4.7	85	8.13	19.8	0.17	0.41	0.05	0.08	0.82
300110	SOIL	MGA94_50	7688020	587747	61	0.013	53.6	12.7	0.13	5.68	19.8	167	1.26	0.35	4	0.27	0.09	31.8	44.6	311	3.2	80	8.78	17.1	0.09	0.39	0.10	0.07	0.36
300149	SOIL	MGA94_50	7687722	587749	64	0.008	30.4	7.5	0.10	4.45	18.1	192	1.19	0.29		0.15	0.09	40.4	46.9	222	3.7	70	7.22	12.0	0.06	0.37	0.09	0.06	0.32
300218	SOIL	MGA94_50	7687016	587353	76	0.005	56.0	5.0	0.12	5.88	12.2	254	1.53	0.33	5	0.23	0.22	43.2	51.0	272	5.9	66	7.70	18.3	0.09	0.54	0.10	0.07	0.62
300050	SOIL	MGA94_50	7688423	586851	76	0.006	33.6	5.8	0.10	5.10	17.0	207	1.14	0.20	5	0.29	0.07	32.4	31.2	190	5.8	65	4.77	12.8	0.10	0.32	0.04	0.04	0.59
300061	SOIL	MGA94_50	7688317	587445	67	0.006	28.8	5.6	0.09	5.75	16.4	171	1.25	0.26		0.49	0.07	32.3	27.9	224	3.8	67	6.99	14.2	0.06	0.25	0.05	0.06	0.32
300108	SOIL	MGA94_50	7688021	587952	60	0.006	47.0	5.5	0.05	6.45	16.5	159	1.21	0.27	5	0.34	0.04	28.0	37.2	282	3.2	84	6.96	14.4	0.08	0.46	0.04	0.07	0.58
300172	SOIL	MGA94_50	7687518	587555	84	0.003	48.5	3.3	0.12	6.07	15.0	232	1.33	0.37	5	0.31	0.09	43.8	57.8	328	3.5	83	10.10	16.7	0.12	0.07	0.08	0.07	0.48
300195	SOIL	MGA94_50	7687319	586956	72	0.010	35.4	9.5	0.14	5.81	11.2	171	1.26	0.25		0.45	0.17	35.9	34.2	218	6.2	75	6.71	13.2	0.10	0.44	0.08	0.06	0.57
300189	SOIL	MGA94_50	7687418	586747	71	0.003	26.6	3.3	0.10	4.59	13.0	179	1.07	0.24		0.22	0.13	32.1	44.0	213	4.2	62	6.70	11.1	0.05	0.33	0.07	0.06	0.44
300071	SOIL	MGA94_50	7688232	588345	57	0.018	35.4	17.6	0.12	5.80	20.7	178	1.39	0.23		0.64	0.11	35.7	36.3	203	6.9	61	5.81	13.0	0.08	0.40	0.07	0.06	0.51
300029	SOIL	MGA94_50	7688523	587253	63	0.007	25.8	6.7	0.11	5.17	9.0	162	1.25	0.28		0.32	0.15	36.9	33.5	186	4.4	60	5.73	13.3	0.06	0.33	0.12	0.06	0.42
300017	SOIL	MGA94_50	7688622	586747	73	0.005	18.3	4.7	0.14	3.49	23.5	94	0.92	0.26		0.79	0.09	37.5	34.7	167	3.8	74	5.77	10.0	0.05	0.28	0.02	0.05	0.26
300156	SOIL	MGA94_50	7687724	587054	67	0.009	26.4	8.6	0.17	5.08	22.8	151	1.14	0.23	5	0.29	0.15	33.0	35.8	189	3.1	58	5.30	11.9	0.10	0.13	0.12	0.05	0.39
300051	SOIL	MGA94_50	7688421	586753	73	0.003	27.2	3.3	0.05	5.33	13.3	126	1.18	0.21		0.17	0.05	34.6	25.0	196	4.7	57	5.57	12.6	0.09	0.32	0.03	0.05	0.44
300022	SOIL	MGA94_50	7688516	587949	66	0.009	24.3	8.6	0.09	3.07	18.8	86	0.74	0.12	7	0.45	0.09	27.5	18.4	123	2.1	50	3.40	7.8	0.06	0.32	0.02	0.03	0.18
300146	SOIL	MGA94_50	7687820	586848	68	0.007	46.0	7.0	0.08	6.28	32.0	157	1.38	0.27	5	0.23	0.04	26.1	23.6	346	2.5	73	8.09	14.8	0.08	0.31	0.06	0.07	0.31
300132	SOIL	MGA94_50	7687922	586955	70	0.006	42.6	5.8	0.10	6.70	16.6	267	1.63	0.29	5	0.31	0.15	32.0	44.0	277	3.9	63	7.73	13.9	0.09	0.30	0.07	0.06	0.57
300125	SOIL	MGA94_50	7687921	587651	75	0.004	42.3	4.4	0.04	3.86	22.6	132	1.20	0.36		0.06	0.04	25.0	30.8	320	2.2	63	8.64	11.8	<0.05	0.33	0.02	0.07	0.23
300130	SOIL	MGA94_50	7687920	587149	70	0.008	28.4	8.2	0.09	4.83	22.9	174	1.22	0.31	5	0.20	0.07	30.2	30.8	305	1.9	67	8.90	13.4	0.09	0.26	0.06	0.07	0.35
300202	SOIL	MGA94_50	7687220	587149	72	0.005	55.5	4.6	0.13	6.28	13.7	247	1.50	0.32	6	0.18	0.13	39.8	52.6	329	6.2	70	9.39	16.6	0.09	0.26	0.11	0.06	0.73
300222	SOIL	MGA94_50	7687021	586952	78	0.003	49.3	3.1	0.14	7.23	11.9	391	1.82	0.39	6	0.21	0.19	54.7	67.5	313	6.4	70	9.19	20.3	0.13	0.60	0.12	0.07	0.76
300144	SOIL	MGA94_50	7687831	587053	66	0.007	48.0	7.4	0.21	7.21	18.7	188	1.45	0.26	5	0.34	0.08	38.9	37.9	289	3.3	65	7.56	16.1	0.12	0.37	0.07	0.07	0.51
300186	SOIL	MGA94_50	7687421	587055	68	0.006	27.3	6.3	0.09	5.53	11.9	154	1.22	0.26	4	0.40	0.14	28.4	38.4	225	4.4	70	6.25	12.9	0.07	0.32	0.08	0.06	0.51
300162	SOIL	MGA94_50	7687621	587552	72	0.005	46.0	4.9	0.11	5.99	19.1	179	1.17	0.30	4	0.16	0.08	31.9	42.4	317	3.4	76	8.44	14.8	0.10	0.35	0.08	0.07	0.48

Sample ID	Sample Type	Grid ID	North	East	RL	Au g/t	Li ppm	Au ppb	Ag ppm	Al pct	As ppm	Ba ppm	Be ppm	Bi ppm	Br ppm	Ca %	Cd ppm	Ce ppm	Co ppm	Cr ppm	Cs ppm	Cu ppm	Fe %	Ga ppm	Ge ppm	Hf ppm	Hg ppm	In ppm	K %
300159	SOIL	MGA94_50	7687722	586753	76	0.004	28.6	4.2	0.10	4.85	11.2	157	1.24	0.28		0.33	0.13	32.4	36.3	221	4.9	63	6.52	12.5	0.06	0.35	0.06	0.06	0.49
300065	SOIL	MGA94_50	7688314	587051	71	0.013	32.4	12.6	0.10	5.55	20.4	170	1.48	0.23		0.55	0.07	37.7	30.3	219	3.5	74	6.43	13.6	0.09	0.44	0.01	0.07	0.30
300135	SOIL	MGA94_50	7687832	587951	81	0.005	41.0	5.1	0.10	4.70	13.1	122	0.99	0.24		0.33	0.13	27.0	38.7	266	2.9	80	6.82	11.5	0.06	0.21	0.07	0.05	0.39
300219	SOIL	MGA94_50	7687017	587251	77	0.007	24.5	6.6	0.09	4.57	35.2	224	1.31	0.31		0.23	0.21	35.2	52.4	213	5.7	73	6.98	11.0	0.06	0.24	0.08	0.07	0.51
300058	SOIL	MGA94_50	7688325	587757	71	0.006	30.6	5.7	0.04	5.12	65.5	150	1.12	0.22	4	0.54	0.10	32.0	30.6	197	3.7	78	5.61	12.1	0.09	0.36	0.08	0.05	0.41
300228	SOIL	MGA94_50	7686926	587247	74	0.005	40.6	5.0	0.10	5.09	15.3	190	1.29	0.29	5	0.22	0.12	34.8	43.4	280	4.9	82	6.86	14.4	<0.05	0.45	0.09	0.06	0.53
300089	SOIL	MGA94_50	7688098	588451	68	0.014	40.5	13.8	0.14	6.49	22.3	184	1.35	0.25		0.54	0.12	33.1	36.4	224	5.6	63	6.52	13.6	0.09	0.36	0.07	0.07	0.70
300208	SOIL	MGA94_50	7687116	587451	71	0.006	41.7	6.3	0.13	5.26	15.7	304	1.21	0.25	6	0.20	0.14	46.8	62.6	265	4.8	72	7.77	17.2	0.07	0.36	0.09	0.07	0.58
300203	SOIL	MGA94_50	7687227	587058	83	0.005	29.5	5.2	0.09	4.32	9.7	133	1.07	0.26		0.36	0.16	30.1	41.7	209	4.5	58	7.07	10.0	<0.05	0.11	0.11	0.06	0.49
300206	SOIL	MGA94_50	7687219	586750	83	0.005	58.2	4.8	0.13	5.78	13.8	232	1.27	0.26	6	0.21	0.10	43.1	59.4	330	4.4	76	9.39	18.4	0.09	0.25	0.08	0.06	0.60
300031	SOIL	MGA94_50	7688522	587045	73	0.006	20.2	6.4	0.08	3.75	12.4	95	0.77	0.17		0.96	0.05	33.4	19.4	131	2.7	56	4.31	8.7	0.05	0.28	0.03	0.04	0.20
300086	SOIL	MGA94_50	7688222	586852	75	0.005	35.0	5.4	0.10	6.42	13.1	173	1.49	0.24	5	0.37	0.19	27.1	36.5	215	6.3	75	6.56	14.4	0.08	0.46	0.14	0.07	0.69
300167	SOIL	MGA94_50	7687616	587043	72	0.003	29.6	2.6	0.03	4.79	10.9	107	1.16	0.19		0.27	0.05	32.5	30.5	185	3.8	53	5.23	11.5	0.09	0.44	0.02	0.05	0.43
300001	SOIL	MGA94_50	7688627	588349	66	0.003	20.2	3.0	0.04	2.90	34.7	72	0.82	0.25		0.38	0.04	43.6	22.8	114	3.5	57	4.80	8.4	0.10	0.36	0.02	0.04	0.25
300013	SOIL	MGA94_50	7688615	587154	68	0.013	16.1	12.9	0.11	3.74	13.9	99	1.01	0.17		0.18	0.06	26.8	20.8	147	3.6	50	3.70	9.6	0.06	0.19	0.05	0.04	0.29
300087	SOIL	MGA94_50	7688220	586750	75	0.007	20.6	7.1	0.05	4.60	20.5	143	1.30	0.18		0.23	0.05	31.8	24.1	162	5.6	49	4.22	11.2	0.07	0.32	0.01	0.05	0.51
300090	SOIL	MGA94_50	7688120	588350	73	0.012	28.7	12.1	0.13	6.15	13.0	204	1.20	0.20	6	0.45	0.14	29.6	36.3	190	5.2	71	5.75	13.4	0.10	0.37	0.06	0.05	0.73
300015	SOIL	MGA94_50	7688626	586947	70	0.008	24.2	8.3	0.06	5.04	14.0	128	1.12	0.21		0.20	0.06	33.9	29.3	188	4.2	54	4.75	12.1	0.07	0.30	0.04	0.05	0.36
300119	SOIL	MGA94_50	7688022	586851	75	0.005	27.5	5.2	0.08	4.40	11.1	112	1.16	0.22		0.19	0.12	24.9	30.6	200	4.3	57	4.48	11.0	0.08	0.31	0.06	0.05	0.39
300063	SOIL	MGA94_50	7688317	587246	68	0.004	16.1	4.3	0.05	4.21	9.8	117	1.09	0.22		0.29	0.08	32.1	27.1	143	3.7	55	4.55	10.9	0.06	0.33	0.05	0.04	0.33
300101	SOIL	MGA94_50	7688115	587251	74	0.002	31.4	2.2	0.05	3.63	12.2	83	0.86	0.24		0.71	0.05	29.9	26.7	203	2.4	65	5.31	9.2	0.07	0.24	0.02	0.04	0.25
300082	SOIL	MGA94_50	7688222	587252	70	0.004	27.1	4.2	0.05	4.39	12.2	100	1.06	0.21	7	0.52	0.05	35.3	29.8	179	2.7	72	5.05	11.0	0.09	0.37	0.01	0.05	0.41
300226	SOIL	MGA94_50	7686917	587452	74	0.002	31.1	1.7	0.05	3.30	18.5	110	0.90	0.20	8	0.30	0.03	36.2	31.9	199	3.2	70	6.33	10.9	0.07	0.34	0.01	0.05	0.35
300134	SOIL	MGA94_50	7687919	586752	71	0.008	34.0	8.3	0.13	5.67	19.4	218	1.13	0.22	6	0.41	0.08	36.7	43.7	236	2.7	69	7.03	14.5	0.08	0.27	0.05	0.07	0.46
300027	SOIL	MGA94_50	7688525	587451	65	0.002	24.7	1.9	0.13	4.02	12.6	90	0.92	0.18		0.50	0.03	36.8	24.7	163	2.8	69	5.05	10.4	0.10	0.34	0.01	0.04	0.28
300033	SOIL	MGA94_50	7688520	586849	67	0.006	35.9	5.8	0.11	4.86	7.1	112	0.89	0.17		0.30	0.10	34.0	26.5	164	2.9	55	4.10	10.2	0.06	0.36	0.08	0.05	0.32

APPENDIX 1: Cont.

Sample ID	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Pd ppb	Pt ppb	Rb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
221567	0.5	0.14	206	0.3	0.01	0.10	17	54	0.7		1	1.4	0.01	0.41	1.0	0.06	<0.1	3	<0.01	<0.01	0.16	0.00	<0.02	0.10	9	0.01	0.5	11.1	1
221560	14.5	0.55	125	0.6	0.15	<0.05	64	174	230.0		2	1.5	0.15	3.97	2.0	0.50	<0.1	433	<0.01	<0.01	<0.02	<0.001	0.10	4.20	19	0.03	1.2	196.0	1
221563	3.8	3.32	1180	1.4	0.04	0.09	831	558	2.7		11	1.7	0.04	1.77	24.0	0.61	0.10	50	<0.01	<0.01	0.92	0.01	<0.02	0.85	180	0.02	7.9	145.0	11
221565	5.1	3.80	1730	0.4	0.02	0.06	557	354	2.9		6	3.0	0.04	0.89	19.0	0.28	0.20	57	<0.01	<0.01	0.79	0.01	<0.02	0.18	120	0.02	7.5	49.5	3
221566	0.5	2.83	893	0.3	0.01	0.11	25	52	1.7		1	1.1	0.01	7.62	4.0	0.84	<0.1	76	<0.01	<0.01	0.16	0.00	<0.02	0.56	21	0.28	5.5	25.6	1

Sample ID	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Pd ppb	Pt ppb	Rb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Ti ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
221557	7.0	2.98	5620	2.5	0.03	0.05	224	231	4.5		12	6.9	0.02	0.56	13.0	0.77	0.10	195	<0.01	0.04	1.41	0.01	0.83	0.65	96	0.03	7.4	87.9	12
221554	10.9	3.44	629	0.8	0.02	0.06	187	256	4.2		1	4.4	0.01	2.54	17.0	0.47	0.20	24	<0.01	0.04	2.34	0.01	0.02	0.54	139	0.03	5.8	174.0	8
221556	5.2	4.30	671	0.7	0.04	0.07	107	114	3.6		3	5.8	0.01	3.79	11.0	1.25	0.10	410	<0.01	0.03	1.28	0.01	0.05	0.84	87	0.05	4.2	51.9	7
221559	4.1	5.25	475	0.3	0.04	0.08	65	66	3.2		5	5.6	0.01	2.31	9.0	0.85	<0.1	227	<0.01	0.02	1.29	0.01	0.05	0.95	56	0.02	3.8	32.7	5
221561	7.8	4.12	1020	1.7	0.05	0.09	1060	827	7.8		9	2.0	0.03	54.80	43.0	0.70	0.20	60	<0.01	0.02	1.32	0.02	0.02	0.76	208	0.03	10.9	195.0	22
221558	6.8	4.83	1380	0.6	0.07	0.09	765	628	2.5		9	2.8	0.03	0.18	25.0	0.56	0.20	67	<0.01	0.02	1.13	0.02	0.02	1.06	194	0.04	7.0	100.0	8
221555	0.6	4.06	1900	0.9	0.02	0.10	28	156	6.2		<1	0.7	0.01	3.76	7.0	0.72	<0.1	127	<0.01	0.01	0.16	<0.001	<0.02	2.83	28	0.02	8.2	39.4	2
221562	3.8	4.83	2480	1.4	0.02	0.10	762	499	8.2		9	1.3	0.06	138.00	34.0	0.49	0.20	48	<0.01	0.01	0.83	0.02	<0.02	0.57	182	0.05	8.6	158.0	20
221564	4.4	3.31	1570	0.8	0.03	0.06	716	353	3.4		10	2.0	0.01	18.10	17.0	0.39	0.10	53	<0.01	0.01	0.85	0.01	<0.02	0.32	123	0.11	7.3	86.2	4
221553	1.3	3.46	1970	0.7	0.02	0.11	18	169	12.2		<1	1.7	0.01	1.75	13.0	2.12	<0.1	214	0.01	0.09	0.43	0.00	<0.02	1.15	29	0.03	9.9	35.0	2
300170	14.3	2.29	1050	0.7		0.26	122		10.6	6	5	38.8	0.07	0.90	18.0	0.42	0.93	52	<0.001	0.04	5.01	0.03	0.13	0.78	73	0.17	9.4	88.0	11
300196	16.5	0.84	1390	1.2		0.81	128		21.5	4	5	37.6	0.03	1.45	24.3	0.59	1.64	43	0.02	0.06	8.84	0.06	0.17	1.65	108	0.31	12.1	75.1	10
300199	19.4	0.70	2350	2.7		0.74	162		25.7	3	7	60.9	0.03	1.91	23.0	0.91	2.29	24	0.02	0.08	11.60	0.09	0.25	2.24	146	0.29	14.2	73.3	12
300099	18.0	0.86	2150	1.7		0.78	141		28.8	5	6	54.8	0.01	2.03	23.1	0.96	2.35	31	0.01	0.09	10.90	0.10	0.25	1.76	157	0.30	12.2	78.6	19
300183	16.9	0.70	2290	1.9		0.75	129		24.2	9	6	52.1	0.02	1.81	19.9	0.87	2.04	26	0.01	0.06	9.65	0.09	0.23	1.79	165	0.30	11.3	68.5	7
300192	16.7	1.09	2330	1.7		0.73	163		23.8	3	7	36.9	0.03	1.75	26.5	0.60	1.79	21	0.01	0.06	7.72	0.08	0.17	1.86	156	0.32	14.5	81.1	3
300006	19.7	1.48	806	0.8		0.45	116		17.2	4	4	33.3	0.04	1.98	17.1	0.65	1.46	42	0.01	0.06	8.14	0.06	0.21	0.85	100	0.12	8.5	67.6	14
300004	18.5	2.52	622	0.7		0.52	101		15.6	5	4	51.6	0.09	1.84	16.1	0.45	1.20	80	0.01	0.05	7.37	0.06	0.27	1.23	76	0.03	7.8	73.0	14
300010	15.4	1.40	661	0.5		0.41	116		11.8	3	3	47.2	0.04	1.78	16.1	0.28	1.18	63	0.01	0.05	6.18	0.05	0.26	1.06	84	0.06	6.7	69.2	11
300114	19.0	0.92	2640	1.4		0.88	127		34.2	7	5	41.6	0.03	2.06	24.2	0.59	2.19	28	0.01	0.08	12.20	0.08	0.24	1.87	139	0.40	14.6	88.7	18
300179	21.0	0.75	2410	1.6		0.65	136		30.7	8	6	60.7	0.02	1.63	19.4	0.82	2.02	43	0.01	0.08	11.00	0.09	0.27	2.03	147	0.30	10.6	79.8	11
300039	19.5	1.00	1270	1.2		0.88	133		23.2	10	5	61.7	0.01	2.02	23.3	0.97	2.16	46	0.01	0.07	11.90	0.08	0.29	1.87	156	0.31	14.1	82.1	20
300150	19.8	0.71	2170	1.6		0.79	118		27.1	7	4	41.2	0.02	2.49	24.8	0.86	2.03	16	0.01	0.07	6.60	0.09	0.20	2.00	160	0.40	18.1	69.1	2
300128	19.2	0.81	2090	1.2		0.51	150		27.3	7	5	36.9	0.03	2.07	22.5	0.51	1.38	21	0.01	0.07	10.10	0.05	0.17	1.46	109	0.21	15.4	100.0	14
300249	20.2	0.65	1160	1.2		0.51	105		17.0	7	6	45.7	0.02	1.74	20.0	0.69	2.10	55	0.01	0.07	11.00	0.09	0.21	1.76	153	0.35	9.3	51.5	29
300207	19.0	0.83	2900	1.9		0.57	123		25.5	3	6	54.9	0.02	1.45	21.6	0.80	2.18	47	0.01	0.07	8.86	0.11	0.23	1.91	185	0.17	11.5	86.2	4
300075	19.7	1.39	1080	0.7		0.66	134		21.4	9	5	62.7	0.02	2.18	20.9	0.76	2.17	67	0.01	0.06	9.15	0.09	0.26	1.29	140	0.30	10.7	72.4	27
300034	26.2	2.09	1130	1.4		0.23	150		21.2	6	3	67.6	0.07	1.90	21.8	0.40	1.55	60	0.01	0.06	10.20	0.08	0.37	1.56	110	0.03	10.7	108.0	18
300070	22.7	1.69	1250	0.7		0.77	116		17.4	8	4	49.4	0.06	4.55	19.6	0.43	1.56	87	0.01	0.06	9.09	0.06	0.21	1.07	93	0.28	12.0	76.4	18
300088	24.0	2.31	834	0.6		0.79	105		16.3	4	4	63.8	0.07	3.86	18.3	0.52	1.77	146	0.01	0.05	9.41	0.07	0.25	1.19	100	0.28	14.0	70.3	21
300014	18.7	2.61	834	1.8		0.49	127		15.1	4	4	57.8	0.11	2.35	18.0	0.62	1.22	119	0.01	0.05	7.48	0.05	0.29	1.17	94	0.03	8.0	79.3	12
300102	16.0	2.22	542	0.6		0.31	109		11.4	6	3	32.6	0.07	1.34	10.0	0.34	0.71	63	0.01	0.04	6.88	0.04	0.14	1.02	63	0.12	9.3	74.4	12
300201	18.6	0.83	2410	1.8		0.77	144		23.6	5	7	54.3	0.03	1.70	26.9	1.02	2.12	33	0.01	0.08	7.28	0.11	0.23	1.87	207	0.49	13.3	72.9	1
300137	18.1	0.86	2490	1.5		0.52	131		31.6	7	5	39.2	0.01	2.56	19.7	0.83	1.87	23	0.01	0.08	9.29	0.07	0.19	1.59	144	0.29	11.3	79.2	19
300221	21.2	0.71	3130	1.8		0.71	122		29.9	2	6	68.2	0.02	1.64	20.0	0.84	2.32	54	0.01	0.08	11.50	0.12	0.26	2.05	168	0.38	11.2	77.8	22

Sample ID	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Pd ppb	Pt ppb	Rb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
300109	20.8	0.85	2670	2.0		0.69	139		35.4	10	5	59.7	0.01	1.89	20.6	0.86	2.36	46	0.01	0.07	12.00	0.11	0.24	2.03	146	0.32	11.2	91.8	29
300161	16.5	0.25	698	1.9		0.49	116		21.6	5	7	53.1	0.01	2.31	13.8	0.74	2.04	19	0.01	0.07	9.72	0.05	0.24	1.64	102	0.23	8.1	52.9	15
300174	19.4	0.74	2730	1.9		0.85	136		28.4	5	6	46.8	0.02	1.79	23.1	0.73	2.03	20	0.01	0.07	9.62	0.09	0.22	2.14	150	0.41	15.0	74.9	4
300053	18.3	1.19	957	0.6		0.56	105		19.7	5	5	54.5	0.00	3.69	21.3	0.85	1.91	101	0.01	0.07	9.87	0.05	0.26	1.41	133	0.27	10.9	60.2	24
300185	18.2	0.56	1640	1.7		0.69	128		21.1	8	6	55.8	0.02	2.32	18.4	0.83	1.73	47	0.01	0.07	9.84	0.08	0.22	1.73	134	0.28	10.2	64.0	10
300169	19.9	0.65	998	1.2		0.56	131		16.9	6	4	59.3	0.02	1.46	20.2	0.89	1.77	50	0.01	0.07	9.42	0.08	0.28	1.69	140	0.25	9.8	57.6	24
300005	20.8	1.00	478	0.4		0.51	116		16.4	<1	3	45.0	0.00	2.40	20.2	0.96	1.62	37	0.01	0.06	9.13	0.04	0.24	1.93	110	0.27	12.4	56.4	23
300190	18.3	0.67	2680	2.1		1.04	105		30.0	8	8	46.6	0.04	2.00	25.7	0.86	2.11	29	0.01	0.06	9.67	0.08	0.22	2.13	122	0.43	17.2	83.5	8
300216	20.7	0.99	2580	1.4		0.55	156		26.5	6	5	59.2	0.03	3.21	22.5	0.38	1.99	40	0.01	0.06	9.75	0.06	0.26	1.56	105	0.16	12.0	91.6	21
300091	20.1	1.52	947	0.7		0.63	121		19.0	6	6	70.7	0.00	3.74	22.1	0.68	2.03	68	0.01	0.06	9.07	0.07	0.30	1.77	124	0.26	11.3	70.9	25
300104	17.2	0.98	1370	1.3		0.33	138		29.1	9	6	32.9	0.03	1.20	16.0	0.49	1.34	24	0.01	0.06	9.26	0.04	0.15	1.52	106	0.14	11.9	87.8	9
300069	25.4	2.58	983	0.8		0.89	99		20.2	3	2	63.9	0.02	3.04	16.1	0.85	1.95	110	0.01	0.06	8.66	0.08	0.28	1.40	108	0.31	14.1	71.8	21
300095	16.9	1.10	844	1.2		0.63	155		16.2	9	6	63.7	0.02	2.10	20.3	0.97	1.77	63	0.01	0.05	8.55	0.08	0.24	1.64	121	0.29	10.4	83.3	24
300224	20.9	0.59	2000	1.6		0.42	155		29.5	7	6	58.0	0.03	1.02	17.5	0.54	1.82	32	0.01	0.05	9.15	0.04	0.25	1.80	95	0.08	13.4	77.3	4
300191	17.6	0.74	2500	1.8		0.66	136		29.4	13	7	60.6	0.03	1.75	23.1	0.98	2.28	31	0.01	0.08	10.00	0.10	0.28	1.95	174	0.22	11.8	70.3	10
300248	28.0	0.90	3460	2.0		0.76	171		37.9	4	7	61.3	0.03	2.09	24.7	0.52	2.27	38	0.01	0.07	12.80	0.09	0.28	2.21	136	0.24	16.5	93.0	19
300193	18.3	0.63	2100	1.6		0.76	135		25.7	12	5	57.1	0.03	2.38	18.7	0.87	1.80	46	0.01	0.07	8.06	0.08	0.24	1.70	128	0.29	10.4	73.6	2
300124	18.1	1.25	3360	2.0		0.83	159		40.1	6	6	48.1	0.06	1.80	17.3	0.79	1.64	26	0.01	0.07	7.48	0.08	0.20	1.97	152	0.41	13.8	108.0	2
300113	16.3	0.73	1680	1.7		0.82	130		21.0	8	7	43.4	0.02	2.04	21.7	1.03	2.11	24	0.01	0.06	9.00	0.08	0.21	1.63	155	0.32	13.6	65.2	4
300215	18.0	0.78	2040	1.5		0.65	124		25.4	2	7	52.2	0.03	1.36	19.8	0.76	1.85	47	0.01	0.06	8.98	0.07	0.21	1.52	139	0.29	9.3	75.9	11
300181	19.2	0.75	2280	1.4		0.68	116		20.3	13	6	47.9	0.02	1.90	21.1	0.84	1.81	26	0.01	0.06	9.53	0.07	0.21	1.66	117	0.30	12.7	69.0	8
300220	24.4	0.72	2640	1.8		0.46	143		33.5	8	5	53.9	0.03	1.73	19.7	0.55	1.99	31	0.01	0.06	11.40	0.06	0.24	2.08	102	0.08	15.9	85.6	12
300074	15.5	2.01	551	0.7		0.39	143		15.6	8	6	27.9	0.06	2.91	16.7	0.60	1.23	35	0.01	0.06	7.91	0.04	0.15	0.98	108	0.14	10.3	75.0	17
300041	18.8	0.94	733	0.8		0.56	141		16.6	8	4	57.5	0.02	1.83	17.8	0.82	1.72	49	0.01	0.06	9.35	0.04	0.24	1.30	117	0.25	11.6	82.2	23
300008	19.4	2.36	711	0.6		0.60	113		12.6	4	5	36.3	0.08	2.32	14.1	0.61	1.24	54	0.01	0.06	6.56	0.06	0.26	0.79	93	0.12	7.4	64.5	14
300111	16.8	1.82	964	0.9		0.56	139		16.9	7	7	55.8	0.01	2.48	21.4	0.72	1.71	35	0.01	0.06	8.51	0.06	0.24	1.18	112	0.24	11.0	84.1	21
300096	13.3	1.23	1820	1.4		0.82	185		19.5	12	7	36.8	0.04	2.26	21.9	0.98	1.59	44	0.01	0.06	8.22	0.08	0.19	1.63	176	0.32	9.1	69.0	12
300011	18.9	2.35	1100	0.5		0.62	88		16.1	7	3	66.7	0.03	1.46	17.3	0.63	1.45	51	0.01	0.05	7.64	0.05	0.30	1.36	89	0.24	12.0	76.4	19
300083	18.4	1.65	706	0.5		0.50	100		17.2	7	2	60.5	0.02	1.21	15.7	0.55	1.66	55	0.01	0.05	7.92	0.06	0.25	1.33	81	0.21	9.9	77.3	20
300165	16.8	0.60	1810	2.1		0.73	126		28.6	9	5	46.6	0.02	1.91	17.5	1.11	1.84	39	0.01	0.07	7.66	0.07	0.21	1.96	147	0.26	11.7	67.2	1
300037	18.5	1.29	698	0.6		0.52	110		17.0	14	5	57.9	0.01	3.00	21.7	0.78	1.95	47	0.01	0.07	10.50	0.05	0.28	1.58	135	0.26	12.8	56.6	21
300188	17.1	0.78	2620	1.6		0.85	138		30.5	4	5	43.2	0.03	1.41	19.6	0.69	1.75	44	0.01	0.07	7.19	0.07	0.21	1.88	103	0.34	12.1	80.9	3
300057	16.2	1.49	1100	0.7		0.62	145		18.7	6	7	56.4	0.01	2.18	22.8	0.80	1.72	64	0.01	0.07	9.17	0.06	0.26	1.32	155	0.26	11.1	75.4	25
300241	21.5	0.90	2660	1.5		0.46	134		26.8	15	6	58.9	0.01	2.78	18.7	0.80	1.88	56	0.01	0.07	11.30	0.07	0.23	2.13	149	0.24	11.2	82.9	17
300245	21.5	1.10	3010	1.7		0.34	133		31.9	11	5	51.6	0.01	1.41	22.0	0.79	2.06	43	0.01	0.07	11.50	0.11	0.22	1.74	180	0.12	10.1	106.0	24

Sample ID	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Pd ppb	Pt ppb	Rb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
300198	23.2	0.75	2050	1.7		0.68	126		26.5	11	6	87.6	0.03	1.62	22.1	0.67	2.46	35	0.01	0.07	11.10	0.09	0.32	2.12	135	0.23	16.5	76.4	19
300211	15.6	0.71	2340	1.9		0.61	134		26.8	4	5	54.7	0.03	2.43	19.4	0.79	1.82	56	0.01	0.07	8.11	0.08	0.22	1.68	150	0.23	9.0	81.7	6
300007	22.8	1.34	742	0.5		0.33	108		15.0	6	6	30.4	0.01	2.12	18.7	0.90	1.64	73	0.01	0.07	8.82	0.03	0.18	0.84	118	0.17	15.3	62.8	10
300141	15.9	0.79	1360	1.2		0.59	108		20.7	9	5	42.5	0.02	2.02	18.0	0.70	1.74	22	0.01	0.06	8.15	0.06	0.19	1.38	139	0.26	9.5	72.6	10
300060	16.5	0.94	1350	1.5		0.84	165		20.5	7	6	60.5	0.04	2.05	25.0	0.76	1.56	68	0.01	0.06	8.19	0.09	0.31	1.48	156	0.14	7.5	80.2	11
300247	23.7	0.91	2060	0.9		0.44	113		23.0	13	4	57.4	0.00	1.67	19.0	0.70	1.85	43	0.01	0.06	10.30	0.06	0.25	1.49	106	0.31	11.8	84.5	25
300003	20.9	0.90	689	0.8		0.83	97		19.0	5	3	56.1	0.04	4.44	21.5	1.00	1.51	58	0.01	0.06	8.56	0.04	0.22	1.05	106	0.29	10.6	76.2	15
300229	16.2	1.21	2010	1.0		0.30	135		17.5	7	6	55.3	0.01	2.86	25.8	0.59	1.53	53	0.01	0.06	7.47	0.05	0.22	1.19	124	0.14	9.6	91.9	14
300152	17.3	1.00	3670	1.9		0.75	127		30.2	9	6	51.2	0.03	2.10	27.4	0.76	1.98	23	0.01	0.06	8.31	0.10	0.23	2.09	158	0.37	15.2	83.8	4
300012	17.9	2.21	692	0.6		0.79	106		12.4	5	3	50.7	0.08	2.33	15.3	0.41	1.27	64	0.01	0.06	6.34	0.06	0.25	1.33	81	0.16	7.4	65.8	16
300056	21.3	2.94	1090	4.7		0.15	209		19.8	7	5	73.8	0.10	1.43	21.3	0.71	1.55	64	0.01	0.06	9.62	0.07	0.35	1.39	131	0.02	10.7	143.0	13
300072	20.1	1.55	1160	0.7		0.64	138		18.4	4	5	81.8	0.05	3.85	25.1	0.42	2.10	70	0.01	0.06	9.42	0.09	0.32	1.56	130	0.34	11.4	77.2	29
300171	16.4	0.81	1790	1.8		0.56	141		22.5	7	4	57.3	0.03	1.73	21.8	0.83	1.81	42	0.01	0.06	8.48	0.07	0.23	1.52	134	0.19	10.2	78.6	5
300233	24.7	0.82	2760	1.3		0.56	124		26.6	14	6	72.0	0.02	1.35	20.2	0.77	1.99	66	0.01	0.06	10.70	0.10	0.29	1.58	143	0.31	11.4	78.1	25
300035	21.2	1.50	948	0.8		0.60	99		18.5	10	3	52.5	0.04	4.64	20.4	0.82	1.65	72	0.01	0.06	9.10	0.05	0.24	1.09	110	0.24	12.2	73.8	13
300098	14.3	1.22	1690	1.0		0.72	155		21.0	10	8	41.1	0.04	1.80	24.7	0.44	1.59	33	0.01	0.06	8.42	0.07	0.18	1.29	139	0.33	10.5	82.0	14
300176	13.4	0.67	1420	1.4		0.84	122		20.5	6	6	43.3	0.03	1.82	21.7	0.88	1.53	66	0.01	0.06	7.10	0.05	0.18	1.58	98	0.32	10.8	62.1	6
300048	20.6	1.96	772	0.9		0.16	135		19.4	5	5	58.5	0.07	1.43	21.8	0.36	1.52	52	0.01	0.06	8.53	0.07	0.33	1.26	104	0.02	9.3	108.0	14
300200	19.8	0.72	1800	1.3		0.65	137		21.6	7	4	60.3	0.03	1.38	19.8	0.44	1.77	30	0.01	0.05	8.52	0.07	0.24	1.56	97	0.15	12.4	82.4	17
300066	14.8	1.14	682	0.7		0.51	112		12.8	7	5	37.3	0.03	3.11	21.4	0.50	1.53	81	0.01	0.05	7.91	0.04	0.16	1.01	103	0.30	9.4	55.6	16
300047	16.8	1.56	607	0.5		0.55	114		12.7	5	4	60.3	0.01	1.45	16.2	0.59	1.44	50	0.01	0.05	7.53	0.04	0.28	1.15	85	0.20	10.4	68.6	20
300077	17.4	1.71	969	0.8		0.53	130		15.7	7	4	60.2	0.01	1.67	16.5	0.68	1.54	56	0.01	0.05	7.22	0.05	0.25	1.39	81	0.22	10.1	111.0	19
300117	20.5	1.94	877	0.6		0.56	112		16.9	7	4	60.3	0.01	1.17	18.6	0.70	1.63	46	0.01	0.05	8.58	0.07	0.24	1.22	94	0.21	11.6	86.8	20
300148	15.7	1.56	732	0.6		0.43	118		13.6	4	5	33.2	0.05	12.00	17.8	0.43	1.20	64	0.01	0.05	6.56	0.03	0.14	0.80	75	0.14	11.3	74.4	12
300116	17.1	1.58	851	0.6		0.39	111		14.7	5	3	43.1	0.05	1.03	15.7	0.36	1.13	52	0.01	0.05	7.63	0.03	0.18	1.29	77	0.16	13.1	80.7	9
300026	17.5	2.18	740	0.7		0.48	109		14.4	4	3	40.2	0.09	1.30	12.7	0.55	1.01	45	0.01	0.05	5.99	0.05	0.22	1.03	74	0.06	8.7	95.7	6
300068	13.2	2.55	588	0.6		0.29	106		8.6	4	3	29.2	0.08	2.33	10.1	0.39	0.48	69	0.01	0.04	5.31	0.03	0.13	0.87	54	0.11	8.1	78.9	9
300182	19.8	0.63	1650	2.7		0.49	86		23.4	7	7	32.1	0.03	1.40	14.2	1.42	1.64	20	0.01	0.04	7.63	0.07	0.15	1.76	137	0.34	21.8	63.2	0
300106	18.0	2.07	680	0.7		0.53	102		10.5	7	5	45.3	0.07	1.27	13.7	0.38	0.75	108	0.01	0.04	6.73	0.05	0.18	0.95	70	0.15	10.4	84.2	15
300021	13.2	4.80	405	0.2		0.21	74		7.1	5	4	32.9	0.03	1.33	11.8	0.45	0.83	48	0.01	0.03	5.12	0.03	0.15	0.89	62	0.10	7.4	50.0	13
300175	15.6	0.90	2950	2.0		0.59	154		29.1	8	5	54.7	0.03	1.84	21.0	0.72	1.86	38	0.01	0.07	9.37	0.07	0.21	1.67	158	0.26	9.6	99.5	8
300025	15.0	0.80	797	0.9		0.50	99		13.5	8	5	37.3	0.01	2.25	20.9	0.96	1.76	61	0.01	0.07	8.90	0.04	0.18	1.20	139	0.25	11.3	52.2	13
300238	23.0	0.75	2820	2.1		0.88	148		34.8	5	6	69.6	0.03	1.34	23.2	0.69	2.35	30	0.01	0.07	10.60	0.08	0.31	2.30	130	0.30	15.1	82.3	9
300246	24.5	0.86	2740	1.8		0.72	164		33.1	1	5	73.4	0.03	1.48	22.6	0.52	2.17	43	0.01	0.07	10.80	0.08	0.29	1.85	134	0.22	13.1	84.7	21
300036	21.2	1.94	939	0.9		1.08	130		16.4	9	4	49.1	0.07	4.01	21.2	0.49	1.56	73	0.01	0.07	8.02	0.08	0.27	1.08	115	0.24	8.8	68.9	22

Sample ID	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Pd ppb	Pt ppb	Rb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
300154	15.3	0.79	1790	1.5		0.91	126		26.0	5	5	48.3	0.04	1.86	23.4	0.74	1.83	56	0.01	0.07	8.42	0.07	0.20	1.50	113	0.36	11.0	76.4	11
300239	19.5	0.83	3500	1.7		0.37	120		32.2	9	5	51.0	0.02	1.60	18.3	0.70	1.97	36	0.01	0.07	11.20	0.08	0.21	1.90	148	0.16	10.8	94.2	12
300236	20.2	0.55	1380	2.0		0.63	149		22.7	5	6	60.6	0.02	1.55	22.3	0.64	2.08	41	0.01	0.07	10.10	0.07	0.29	1.68	139	0.24	10.3	56.1	20
300168	20.7	0.97	2900	1.5		0.73	152		28.9	3	4	52.2	0.03	1.60	23.1	0.69	1.75	56	0.01	0.07	9.17	0.08	0.23	2.12	118	0.29	14.1	88.8	8
300020	19.4	1.42	1020	1.0		1.11	120		17.0	6	3	52.7	0.05	4.07	21.8	0.48	1.62	86	0.01	0.06	7.94	0.08	0.25	1.09	109	0.23	7.3	79.0	22
300127	17.8	1.00	3580	1.2		0.52	153		32.9	7	5	49.3	0.01	1.71	23.6	0.98	2.07	77	0.01	0.06	8.34	0.08	0.23	1.87	167	0.17	14.5	105.0	2
300177	15.2	1.12	2500	2.4		0.47	135		26.9	8	8	36.6	0.00	1.96	20.4	0.77	1.56	29	0.01	0.06	8.32	0.06	0.19	1.75	151	0.21	11.1	83.2	7
300147	15.1	0.97	1030	2.2		0.38	129		17.2	7	5	53.0	0.01	1.36	20.0	0.65	1.64	44	0.01	0.06	7.82	0.05	0.23	1.26	114	0.19	8.8	73.3	17
300136	14.3	1.00	1390	0.8		0.42	104		28.0	1	3	25.4	0.03	4.21	18.4	0.40	1.58	28	0.01	0.06	9.77	0.04	0.16	1.60	89	0.27	10.2	67.5	17
300227	17.5	1.29	1940	1.0		0.36	138		19.6	6	8	56.2	0.01	2.49	21.5	0.61	1.63	56	0.01	0.06	8.29	0.07	0.23	1.43	143	0.24	9.4	97.0	24
300018	24.4	1.82	909	0.8		0.94	119		17.1	7	3	56.8	0.06	3.73	20.2	0.47	1.72	83	0.01	0.06	8.51	0.10	0.28	1.09	111	0.24	8.7	79.2	24
300214	23.5	0.93	2320	1.7		0.80	145		29.5	8	6	61.6	0.03	1.18	22.8	0.56	2.09	37	0.01	0.06	11.00	0.08	0.25	1.96	126	0.29	14.9	81.2	14
300178	16.1	0.86	1690	1.2		0.68	145		21.9	4	5	39.1	0.03	1.53	21.0	0.60	1.55	48	0.01	0.06	8.57	0.05	0.17	1.62	98	0.29	12.4	83.8	13
300009	18.7	2.35	896	0.4		0.49	96		13.8	4	5	43.8	0.03	2.07	14.1	0.81	1.44	57	0.01	0.06	7.35	0.04	0.23	0.84	105	0.22	11.2	58.4	13
300244	21.2	0.67	2420	1.7		0.46	141		33.9	2	4	60.4	0.03	1.24	16.7	0.53	1.91	41	0.01	0.06	10.20	0.06	0.24	1.61	96	0.09	11.1	93.7	14
300163	18.1	0.99	1310	1.1		0.49	114		16.8	1	5	58.7	0.01	1.99	21.1	0.62	1.67	39	0.01	0.06	8.45	0.06	0.24	1.30	112	0.20	10.9	73.3	20
300160	16.0	0.87	1860	1.1		0.43	117		20.9	<1	6	33.2	0.02	4.82	18.7	0.43	1.44	36	0.01	0.06	8.11	0.04	0.16	1.44	92	0.25	11.9	72.2	14
300145	16.9	0.88	806	1.4		0.46	143		15.1	3	4	53.1	0.00	1.61	16.8	0.76	1.59	42	0.01	0.06	7.56	0.04	0.24	1.38	113	0.23	10.1	72.9	21
300076	17.2	2.53	682	0.7		0.72	152		13.8	8	6	42.2	0.08	2.36	19.6	0.65	1.62	84	0.01	0.06	7.57	0.06	0.21	0.88	131	0.30	10.4	70.3	26
300126	18.6	1.03	2680	1.5		0.85	146		26.4	10	8	48.2	0.03	2.09	27.9	0.66	1.85	31	0.01	0.06	10.10	0.07	0.21	1.72	149	0.44	15.2	89.0	17
300059	15.2	1.43	875	0.9		0.45	130		13.4	9	6	49.8	0.01	2.07	21.8	0.72	1.47	76	0.01	0.06	7.64	0.04	0.21	1.15	118	0.18	10.7	72.1	15
300093	16.3	2.03	755	0.5		0.59	112		14.5	7	6	56.7	0.01	2.15	20.4	0.59	1.70	62	0.01	0.06	7.66	0.06	0.25	1.00	109	0.23	10.2	71.4	22
300024	18.0	1.72	870	0.7		0.90	127		14.2	7	5	54.3	0.06	1.93	18.3	0.39	1.29	56	0.01	0.06	6.57	0.08	0.23	1.03	99	0.16	7.5	82.8	18
300043	15.8	1.11	1010	1.0		0.39	107		15.2	3	3	57.2	0.01	1.97	19.6	0.73	1.56	77	0.01	0.05	8.02	0.04	0.21	1.17	107	0.15	10.3	78.8	7
300240	22.9	1.02	1140	0.9		0.41	169		18.4	5	3	77.0	0.03	2.15	18.3	0.41	1.70	110	0.01	0.05	8.89	0.05	0.32	1.52	92	0.09	12.0	88.3	17
300028	15.6	1.85	814	0.6		0.58	117		13.7	5	4	51.8	0.07	1.42	16.8	0.47	1.11	78	0.01	0.05	6.42	0.05	0.26	1.40	81	0.06	8.2	84.6	12
300105	18.1	1.34	873	0.6		0.57	116		18.8	3	2	51.0	0.02	1.01	20.5	0.65	1.62	41	0.01	0.05	7.98	0.06	0.21	1.34	85	0.23	9.5	83.4	21
300121	16.9	1.58	1030	0.7		0.48	110		18.1	5	7	56.0	0.02	1.93	23.2	0.59	1.66	44	0.01	0.05	8.38	0.06	0.25	1.13	95	0.19	10.3	91.0	20
300140	15.3	0.95	1780	1.2		0.66	135		21.5	6	6	41.6	0.03	1.80	27.1	0.61	1.71	27	0.01	0.05	7.70	0.06	0.18	1.59	111	0.31	13.6	79.5	9
300232	22.8	1.37	3990	1.3		0.30	176		27.1	4	3	61.6	0.05	0.82	17.0	0.41	1.36	57	0.01	0.05	8.96	0.05	0.23	1.56	88	0.07	11.5	114.0	14
300046	15.2	3.34	602	0.6		0.65	104		9.4	8	4	41.3	0.11	1.30	18.2	0.37	1.17	56	0.01	0.05	5.65	0.07	0.24	1.22	88	0.17	6.1	73.7	17
300064	16.7	1.60	852	0.7		0.61	129		13.6	9	5	37.5	0.06	1.55	23.9	0.51	1.12	99	0.01	0.05	7.08	0.05	0.15	0.95	102	0.25	12.4	81.5	12
300016	17.9	3.88	544	0.6		0.73	149		9.7	7	3	45.7	0.13	2.92	18.9	0.37	1.06	72	0.01	0.04	5.24	0.05	0.19	0.72	99	0.17	6.7	85.2	15
300062	13.0	4.14	896	0.5		0.33	90		13.5	4	3	32.7	0.12	1.20	14.4	0.34	0.94	63	0.01	0.04	6.61	0.04	0.16	1.21	64	0.14	8.3	75.6	14
300097	19.3	2.71	1150	0.8		0.45	111		13.1	2	5	62.4	0.02	1.26	16.8	0.84	1.47	99	0.01	0.04	7.04	0.06	0.23	1.27	85	0.21	12.2	102.0	19

Sample ID	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Pd ppb	Pt ppb	Rb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
300166	10.4	2.41	674	0.6		0.32	108		10.1	4	3	35.1	0.08	3.18	12.5	0.48	0.81	86	0.01	0.04	5.27	0.03	0.14	0.98	49	0.14	8.2	79.0	8
300234	22.8	0.71	2210	1.5		0.54	159		26.9	<1	6	95.8	0.03	4.74	24.7	0.51	2.04	58	0.00	0.11	9.83	0.08	0.39	1.67	127	0.20	12.3	81.1	20
300129	15.8	0.43	706	1.1		0.52	116		19.6	5	6	37.3	0.01	1.82	15.8	0.97	2.20	18	0.00	0.08	9.92	0.05	0.21	1.29	118	0.33	9.9	49.5	22
300223	21.6	0.76	3530	2.0		0.69	112		32.6	2	4	59.5	0.03	1.39	21.8	0.76	2.19	47	0.00	0.08	10.30	0.11	0.28	1.68	153	0.41	12.1	99.8	15
300213	17.4	0.67	2490	1.5		0.71	101		33.2	2	5	55.8	0.02	1.40	17.6	0.83	2.19	29	0.00	0.07	8.51	0.10	0.24	1.55	158	0.41	9.4	91.5	5
300049	18.5	1.67	920	1.4		0.45	126		15.7	7	5	49.6	0.02	1.24	21.1	0.88	1.49	60	0.00	0.07	7.84	0.04	0.21	1.24	109	0.15	12.4	86.3	11
300032	19.9	3.24	1010	0.8		0.87	122		14.0	8	5	48.2	0.11	1.52	17.8	0.41	1.23	71	0.00	0.07	6.51	0.08	0.23	1.26	87	0.16	8.1	107.0	19
300157	15.6	0.64	1100	1.0		0.60	122		19.6	6	6	48.3	0.02	1.58	19.1	0.76	1.74	37	0.00	0.07	8.34	0.06	0.24	1.32	128	0.27	9.4	53.7	12
300231	24.1	0.99	2040	1.3		0.58	137		24.8	10	6	58.9	0.02	1.48	19.7	0.67	1.62	106	0.00	0.07	9.23	0.08	0.23	1.30	134	0.29	10.0	84.7	25
300019	22.0	1.25	1170	0.6		0.79	105		20.2	2	5	58.5	0.02	5.19	21.3	0.89	1.72	46	0.00	0.07	9.32	0.05	0.26	1.01	107	0.30	11.0	79.2	19
300153	15.9	0.75	1280	1.6		0.66	123		22.2	13	6	52.2	0.03	2.20	18.2	0.83	1.71	36	0.00	0.06	8.58	0.06	0.22	1.46	136	0.24	9.7	67.6	11
300204	25.1	0.90	2380	1.3		0.58	140		27.0	3	6	91.2	0.03	1.44	23.7	0.43	2.46	44	0.00	0.06	11.60	0.09	0.35	1.69	116	0.24	14.3	77.7	28
300194	16.8	1.03	1920	1.2		0.65	127		20.9	3	4	45.4	0.03	1.60	26.5	0.51	1.60	49	0.00	0.06	8.97	0.06	0.20	1.74	109	0.28	12.1	82.2	18
300210	26.5	0.71	1930	2.3		0.99	158		38.2	7	6	91.9	0.04	2.08	19.3	0.77	2.32	38	0.00	0.06	10.80	0.09	0.30	1.98	117	0.28	14.3	101.0	16
300055	17.5	2.64	705	0.6		0.46	115		13.6	5	6	42.5	0.02	2.63	16.6	0.78	1.49	60	0.00	0.06	7.77	0.05	0.23	1.00	108	0.18	10.4	66.9	18
300045	17.2	1.61	1100	0.6		0.53	133		19.8	10	5	63.4	0.02	1.98	22.6	0.79	1.56	48	0.00	0.06	9.36	0.05	0.25	1.50	125	0.27	11.7	80.6	22
300235	19.3	1.08	2230	0.8		0.34	135		18.5	7	4	61.0	0.02	38.70	24.0	0.56	1.65	52	0.00	0.06	9.33	0.06	0.25	1.33	113	0.25	10.2	83.0	22
300205	19.0	1.20	1690	0.8		0.40	105		18.8	8	4	59.1	0.01	1.22	19.1	0.63	1.62	57	0.00	0.06	8.08	0.06	0.22	1.20	106	0.22	10.1	79.5	19
300155	16.7	1.11	1480	1.8		0.46	120		19.2	10	5	55.5	0.02	9.18	17.4	0.56	1.39	67	0.00	0.06	7.06	0.05	0.21	1.29	89	0.18	8.8	88.7	17
300002	20.1	1.38	782	1.0		0.86	116		16.1	2	2	53.4	0.06	3.37	17.4	0.49	1.36	58	0.00	0.06	7.46	0.06	0.27	1.06	84	0.10	7.9	82.1	16
300052	21.3	1.70	886	1.0		1.13	128		16.2	11	3	54.3	0.07	4.81	23.0	0.62	1.47	110	0.00	0.06	7.53	0.08	0.27	0.94	118	0.19	8.3	79.2	22
300139	19.7	1.58	1110	0.9		0.30	103		15.0	5	5	49.2	0.02	1.64	19.0	0.67	1.39	39	0.00	0.06	7.16	0.04	0.21	1.09	96	0.17	12.4	85.4	17
300151	18.0	1.06	1050	0.7		0.43	99		15.3	9	6	52.4	0.01	1.75	20.6	0.59	1.58	33	0.00	0.06	7.64	0.05	0.21	0.98	102	0.20	10.4	67.3	19
300180	15.2	1.19	986	0.8		0.43	125		17.6	6	4	31.3	0.04	1.14	18.9	0.38	1.26	50	0.00	0.06	6.94	0.03	0.14	1.09	76	0.21	10.4	85.9	14
300164	16.2	1.25	2480	1.5		0.56	153		24.0	9	7	50.0	0.04	1.66	22.7	0.59	1.42	68	0.00	0.06	8.05	0.04	0.19	1.38	90	0.27	12.0	96.1	16
300042	15.1	0.93	1210	1.1		0.78	146		17.0	6	5	55.7	0.04	1.72	21.0	0.53	1.42	55	0.00	0.06	7.06	0.07	0.24	1.09	110	0.14	7.1	80.5	13
300158	18.2	1.46	1200	0.8		0.26	132		18.6	6	6	34.6	0.04	1.38	22.2	0.36	1.20	30	0.00	0.06	7.12	0.03	0.14	1.10	91	0.18	13.4	89.0	11
300184	16.0	1.66	1990	1.2		0.67	191		22.3	3	7	51.3	0.05	1.65	27.2	0.52	1.68	29	0.00	0.06	7.95	0.06	0.19	1.53	120	0.30	13.6	117.0	12
300038	19.5	2.79	611	0.9		0.39	127		15.2	7	7	53.0	0.11	2.18	18.0	0.50	1.26	74	0.00	0.06	7.41	0.07	0.29	1.10	120	0.03	7.7	84.4	13
300143	18.0	1.31	1020	0.9		0.28	101		14.9	2	3	42.6	0.02	3.13	14.7	0.61	1.40	89	0.00	0.06	7.40	0.07	0.17	1.24	106	0.81	9.6	72.0	12
300080	15.1	1.05	1540	1.1		0.93	152		20.6	8	5	61.9	0.04	1.92	22.8	0.58	1.81	76	0.00	0.06	8.57	0.07	0.25	1.27	131	0.40	10.2	84.7	19
300122	15.5	1.66	1050	0.5		0.54	125		16.4	10	6	42.6	0.05	2.55	22.5	0.36	1.54	47	0.00	0.05	7.92	0.04	0.20	0.91	112	0.30	10.8	72.1	19
300187	16.4	1.39	2990	1.3		0.30	123		21.2	10	6	43.4	0.02	1.29	23.3	0.59	1.52	40	0.00	0.05	8.97	0.07	0.19	1.30	126	0.11	9.1	102.0	12
300173	15.9	0.86	2560	1.9		0.41	135		26.0	9	5	46.0	0.03	1.49	19.2	0.80	1.73	22	0.00	0.05	7.07	0.08	0.20	1.57	168	0.12	10.1	80.2	1
300092	18.5	2.58	1080	0.6		0.57	114		14.5	10	3	50.8	0.08	2.41	18.2	0.37	1.51	48	0.00	0.05	8.06	0.07	0.23	1.22	101	0.27	11.5	87.0	20

Sample ID	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Pd ppb	Pt ppb	Rb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
300078	17.2	1.48	1200	0.9		0.72	143		15.4	15	6	65.4	0.05	1.77	24.4	0.51	1.65	74	0.00	0.05	7.72	0.06	0.24	1.15	112	0.29	10.9	80.3	20
300081	16.8	1.36	930	0.6		0.53	107		15.5	8	4	42.4	0.01	2.26	16.7	0.80	1.66	48	0.00	0.05	7.27	0.05	0.20	0.71	98	0.23	10.7	67.2	16
300084	17.5	1.04	945	0.7		0.56	140		18.9	11	4	38.8	0.03	1.67	19.8	0.50	1.64	44	0.00	0.05	8.29	0.06	0.18	1.34	104	0.32	10.9	77.1	23
300030	16.8	3.12	666	0.7		0.91	116		11.2	9	3	52.6	0.11	1.70	16.2	0.40	1.17	72	0.00	0.05	6.53	0.07	0.24	1.36	81	0.13	7.5	75.2	17
300073	17.5	1.44	330	0.5		0.41	106		14.7	6	2	43.1	0.01	1.71	11.1	0.73	1.56	23	0.00	0.05	7.47	0.03	0.18	0.98	75	0.16	12.2	80.0	14
300067	14.0	1.03	842	0.8		0.53	107		15.9	6	5	52.4	0.01	2.57	20.3	0.69	1.52	74	0.00	0.05	7.20	0.04	0.20	1.00	86	0.20	8.8	66.9	16
300040	19.4	1.90	737	0.7		0.70	127		12.4	6	4	56.9	0.07	1.56	17.4	0.46	1.25	67	0.00	0.05	6.53	0.08	0.26	1.12	99	0.17	7.8	85.8	17
300044	19.6	1.67	993	0.7		0.64	124		13.8	4	3	53.8	0.06	1.54	14.6	0.48	1.07	136	0.00	0.05	6.16	0.07	0.22	0.97	87	0.06	8.2	86.2	13
300112	15.4	1.15	1810	1.0		0.44	150		17.6	9	7	45.8	0.04	1.56	20.0	0.51	1.08	31	0.00	0.05	7.41	0.04	0.17	1.12	110	0.18	11.8	88.6	13
300242	22.4	2.55	1330	0.8		0.27	133		20.9	4	4	62.0	0.08	1.42	14.4	0.33	1.50	52	0.00	0.05	8.79	0.04	0.27	1.46	65	0.04	11.2	103.0	13
300054	22.7	2.74	605	0.6		0.67	97		13.3	6	3	41.9	0.09	1.88	14.5	0.47	1.14	86	0.00	0.04	7.44	0.06	0.24	1.06	77	0.15	7.2	76.2	16
300085	16.9	2.83	538	0.4		0.44	90		11.8	9	3	46.9	0.01	1.08	13.9	0.57	1.26	59	0.00	0.04	6.45	0.06	0.20	0.93	73	0.18	8.2	66.4	17
300094	16.0	2.33	804	0.6		0.52	162		12.8	9	3	50.5	0.08	1.99	16.0	0.39	1.15	67	0.00	0.04	6.53	0.05	0.18	0.99	98	0.17	10.5	89.9	16
300079	12.3	1.99	864	0.7		0.53	109		10.9	8	6	51.2	0.01	1.36	15.6	0.64	1.21	68	0.00	0.04	5.72	0.05	0.19	1.05	88	0.18	7.6	67.0	14
300023	13.8	1.43	545	0.7		0.29	93		8.6	5	4	31.4	0.01	1.83	9.8	0.54	0.78	58	0.00	0.04	5.23	0.04	0.15	1.03	70	0.15	7.6	66.1	12
300142	17.1	0.59	741	1.7		0.60	111		16.9	3	5	39.4	0.02	1.71	22.4	0.91	1.82	53	0.00	0.07	9.07	0.08	0.17	1.53	124	0.33	13.5	54.9	22
300118	17.0	2.46	954	0.5		0.76	121		17.9	6	3	42.4	0.08	1.38	17.5	0.35	1.61	76	0.00	0.07	8.39	0.06	0.21	1.29	91	0.34	11.5	83.6	23
300209	22.9	0.94	2780	1.2		0.50	123		27.8	3	5	66.8	0.03	2.23	20.7	0.72	1.69	68	0.00	0.07	9.43	0.07	0.25	1.38	116	0.28	10.2	94.6	21
300243	25.6	1.10	2090	1.3		0.51	158		21.2	10	3	52.1	0.01	1.91	19.5	0.78	1.65	83	0.00	0.06	11.60	0.09	0.25	2.24	160	0.23	11.8	104.0	21
300133	17.1	1.02	1010	0.8		0.56	104		15.9	4	6	50.1	0.02	2.24	19.8	0.82	1.51	80	0.00	0.06	6.82	0.05	0.21	1.13	113	0.25	9.5	74.6	16
300115	15.9	1.14	1470	1.0		0.78	120		22.1	6	3	60.6	0.02	1.98	23.5	0.80	1.87	87	0.00	0.06	8.58	0.07	0.25	1.13	127	0.30	9.9	81.6	22
300225	22.8	1.61	2110	0.7		0.36	94		17.7	4	2	57.0	0.01	2.42	17.0	0.61	1.45	57	0.00	0.06	8.04	0.07	0.25	1.26	95	0.23	11.2	82.8	19
300212	27.1	0.76	1410	2.0		0.92	165		29.0	5	5	80.3	0.04	1.28	21.0	1.10	2.22	57	0.00	0.06	10.50	0.08	0.31	2.11	125	0.28	16.4	78.8	17
300131	15.0	0.70	807	0.9		0.66	113		19.2	2	6	49.3	0.01	1.88	16.9	0.73	1.66	54	0.00	0.06	7.67	0.03	0.21	1.03	97	0.28	9.3	74.0	19
300217	15.4	0.85	2450	1.6		0.47	117		23.5	6	5	44.9	0.02	2.38	18.1	0.77	1.76	58	0.00	0.06	8.94	0.07	0.19	1.48	137	0.24	9.6	79.9	16
300237	22.7	1.14	2320	1.0		0.45	114		21.3	14	4	54.7	0.02	1.62	20.5	0.65	1.46	91	0.00	0.06	9.13	0.06	0.21	1.38	107	0.24	10.6	80.6	21
300123	18.4	2.03	836	0.6		0.42	136		16.9	4	4	53.1	0.00	1.80	16.2	0.64	1.42	63	0.00	0.06	7.65	0.05	0.22	1.10	96	0.18	9.6	89.8	18
300230	24.4	0.90	3110	1.4		0.95	131		28.1	7	3	73.2	0.04	2.05	24.2	0.54	2.06	87	0.00	0.06	10.40	0.09	0.24	1.66	118	0.27	15.1	87.6	25
300197	15.7	0.95	1550	0.9		0.42	116		17.3	8	5	46.5	0.02	1.27	20.5	0.56	1.37	40	0.00	0.06	8.57	0.04	0.18	1.27	102	0.19	9.2	75.5	17
300103	14.6	1.27	1130	0.6		0.57	122		20.5	5	4	50.4	0.01	1.33	21.2	0.53	1.70	47	0.00	0.06	8.42	0.05	0.20	1.04	111	0.25	8.5	79.5	19
300120	16.6	1.17	1030	0.8		0.61	127		16.7	8	6	54.4	0.04	1.81	24.3	0.53	1.83	80	0.00	0.06	8.67	0.06	0.26	1.13	118	0.31	10.0	74.7	25
300138	8.9	0.78	685	0.9		0.55	106		15.5	8	5	15.7	0.02	1.74	18.3	0.69	1.50	33	0.00	0.06	6.60	0.06	0.11	1.06	133	0.28	6.2	36.8	18
300107	15.3	1.77	916	0.7		0.56	110		16.9	8	4	50.8	0.03	2.03	20.9	0.66	1.62	57	0.00	0.06	7.60	0.05	0.21	1.05	107	0.23	9.5	80.8	17
300100	15.6	1.13	1920	1.3		0.88	178		21.5	7	6	65.2	0.05	1.69	22.3	0.69	1.33	74	0.00	0.06	6.83	0.08	0.26	1.05	134	0.35	9.5	101.0	19
300110	16.1	1.03	856	0.9		0.68	162		15.9	11	6	34.0	0.05	2.16	18.5	0.66	1.36	54	0.00	0.05	7.44	0.05	0.16	0.95	129	0.31	10.1	69.2	17

Sample ID	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Pd ppb	Pt ppb	Rb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
300149	18.1	0.68	1190	2.5		0.29	109		18.5	3	6	36.0	0.01	4.04	18.0	0.67	1.43	28	0.00	0.05	8.70	0.04	0.17	1.22	102	0.15	9.7	66.8	15
300218	19.9	1.02	1960	1.1		0.65	125		22.6	9	4	71.2	0.04	1.89	18.8	0.43	1.96	46	0.00	0.05	8.61	0.06	0.28	1.36	89	0.21	12.1	83.6	21
300050	14.5	1.81	642	0.6		0.66	116		11.1	4	4	49.3	0.06	2.85	15.2	0.30	1.03	68	0.00	0.05	5.88	0.06	0.24	1.08	83	0.12	6.2	72.4	14
300061	18.1	1.52	719	1.1		0.35	101		12.9	8	4	38.9	0.01	2.36	17.5	0.78	1.40	108	0.00	0.05	7.40	0.04	0.18	1.00	105	0.15	11.1	65.8	12
300108	14.2	2.39	570	0.5		0.55	132		13.9	8	5	38.6	0.07	2.77	19.3	0.36	1.23	87	0.00	0.05	7.84	0.04	0.16	0.83	106	0.24	9.2	75.0	18
300172	18.8	0.74	2270	1.9		0.77	112		24.0	6	5	37.6	0.03	1.86	25.3	1.05	1.53	35	0.00	0.05	6.54	0.08	0.15	1.65	118	0.29	16.8	81.7	3
300195	19.4	1.69	980	0.6		0.44	92		14.4	4	6	50.0	0.01	1.19	20.0	0.63	1.36	46	0.00	0.05	7.23	0.06	0.24	1.00	98	0.16	11.2	76.1	17
300189	15.2	1.00	1120	1.4		0.34	114		17.4	6	4	41.9	0.01	1.01	16.7	0.53	1.21	33	0.00	0.05	7.06	0.03	0.16	1.20	84	0.16	8.5	80.3	14
300071	17.4	2.29	923	0.9		0.61	102		15.0	11	6	46.1	0.02	4.10	17.1	0.78	1.42	111	0.00	0.05	6.39	0.04	0.21	0.96	90	0.22	9.8	74.3	17
300029	16.9	2.48	930	0.6		0.44	90		16.0	10	3	54.5	0.02	1.24	14.7	0.74	1.31	68	0.00	0.05	6.98	0.04	0.23	1.18	84	0.16	10.9	73.2	15
300017	18.2	2.98	739	0.7		0.29	133		9.6	3	5	35.3	0.01	6.90	15.0	0.73	0.87	95	0.00	0.05	6.20	0.03	0.17	1.22	82	0.12	10.3	79.5	12
300156	16.3	2.36	823	0.6		0.49	113		13.8	3	4	39.5	0.08	4.01	14.0	0.55	1.08	50	0.00	0.04	6.10	0.04	0.16	1.49	59	0.19	12.1	74.6	7
300051	17.0	3.62	573	0.5		0.41	100		9.1	4	3	47.1	0.02	2.63	16.4	0.55	1.06	62	0.00	0.04	6.17	0.04	0.19	1.01	85	0.16	9.2	62.7	15
300022	12.3	7.07	292	0.8		0.38	95		7.0	4	3	16.9	0.22	1.86	10.0	0.72	0.58	67	0.00	0.04	4.10	0.03	0.14	1.00	54	0.10	4.9	66.7	13
300146	17.8	1.28	501	0.7		0.43	121		12.3	4	5	26.1	0.03	1.50	20.8	0.67	1.56	60	0.00	0.07	7.53	0.03	0.13	1.05	112	0.26	13.0	56.7	15
300132	13.2	0.94	1460	0.9		0.72	110		19.5	4	4	43.4	0.03	2.18	23.6	0.55	1.77	79	0.00	0.06	7.74	0.05	0.19	1.29	99	0.35	10.1	68.9	16
300125	13.0	0.70	800	0.9		0.23	105		14.4	4	6	24.7	<0.0005	1.74	16.3	0.72	1.78	22	0.00	0.06	8.34	0.05	0.14	1.09	144	0.16	7.8	45.1	16
300130	16.7	0.81	876	1.1		0.52	105		15.5	3	6	27.7	0.03	2.13	19.9	0.77	1.43	61	0.00	0.06	7.39	0.04	0.12	1.08	116	0.32	12.1	53.2	13
300202	18.9	0.79	1700	1.4		0.74	136		22.3	7	4	68.8	0.04	1.69	19.7	0.51	1.70	53	0.00	0.06	8.02	0.06	0.24	1.50	100	0.24	10.7	75.5	13
300222	22.4	0.86	3160	1.4		0.72	130		32.4	4	5	93.2	0.04	1.07	20.8	0.47	2.20	46	0.00	0.06	9.84	0.08	0.31	1.64	105	0.23	13.2	108.0	23
300144	18.2	1.48	1100	0.8		0.60	120		15.7	5	4	43.4	0.04	1.57	20.8	0.70	1.57	125	0.00	0.06	7.13	0.05	0.17	1.04	93	0.29	12.5	66.7	16
300186	14.1	1.58	899	0.6		0.32	126		13.6	4	4	40.0	0.05	1.41	21.1	0.39	1.34	44	0.00	0.05	6.57	0.03	0.15	0.90	72	0.21	9.8	90.7	15
300162	17.1	0.87	1080	0.9		0.44	123		15.5	10	5	39.4	0.03	1.83	21.6	0.50	1.43	27	0.00	0.05	7.44	0.05	0.15	1.16	108	0.23	11.8	67.8	17
300159	17.1	1.47	869	1.8		0.34	115		14.7	4	6	47.5	0.02	1.22	17.9	0.54	1.32	41	0.00	0.05	6.83	0.04	0.20	1.01	89	0.16	9.3	79.3	14
300065	19.0	1.85	788	0.7		0.52	116		13.1	7	3	37.9	0.00	1.97	15.8	0.99	1.45	98	0.00	0.05	6.72	0.05	0.19	0.85	101	0.23	11.9	70.4	17
300135	14.0	2.23	716	0.6		0.27	112		12.0	5	5	34.4	0.04	1.99	13.6	0.62	1.05	91	0.00	0.05	4.85	0.03	0.14	0.97	97	0.11	8.4	89.7	9
300219	16.2	0.98	1920	1.2		0.31	138		16.8	5	4	52.3	0.02	1.39	22.0	0.64	1.30	73	0.00	0.05	7.08	0.04	0.18	1.38	95	0.17	9.3	99.9	11
300058	16.1	3.67	680	0.8		0.60	129		10.2	7	4	33.5	0.12	1.87	16.5	0.47	0.97	74	0.00	0.05	5.68	0.07	0.19	1.06	84	0.11	6.5	87.0	16
300228	16.2	2.41	1050	0.8		0.48	149		14.2	2	4	55.6	0.08	2.27	18.8	0.36	1.38	52	0.00	0.05	6.82	0.04	0.23	1.35	86	0.13	9.6	93.0	17
300089	16.5	1.73	820	1.0		0.60	122		14.5	5	5	47.6	0.03	4.30	19.4	0.84	1.43	82	0.00	0.05	6.82	0.05	0.23	1.07	97	0.24	8.3	68.3	17
300208	21.0	0.87	1660	1.2		0.54	145		17.6	8	6	69.6	0.04	1.56	20.0	0.44	1.36	56	0.00	0.05	6.95	0.04	0.21	1.03	86	0.20	12.1	74.6	15
300203	15.1	0.87	1560	0.8		0.20	97		13.8	6	4	39.8	0.03	1.20	17.4	0.53	1.20	126	0.00	0.05	6.18	0.02	0.14	1.17	89	0.11	8.5	72.1	5
300206	20.0	0.68	1280	1.6		0.69	163		19.0	10	6	63.2	0.04	1.03	19.5	0.66	1.44	47	0.00	0.05	7.11	0.06	0.20	1.29	112	0.19	11.1	73.2	13
300031	15.3	4.86	511	0.5		0.24	82		7.7	6	5	26.7	0.05	1.40	12.2	0.53	0.78	170	0.00	0.05	4.82	0.04	0.14	1.28	60	0.12	8.4	59.1	13
300086	13.5	1.76	780	0.6		0.61	116		13.0	9	3	56.7	0.06	1.50	21.2	0.36	1.51	61	0.00	0.04	7.05	0.04	0.23	0.98	85	0.25	9.2	82.4	19

Sample ID	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Nb ppm	Ni ppm	P ppm	Pb ppm	Pd ppb	Pt ppb	Rb ppm	S %	Sb ppm	Sc ppm	Se ppm	Sn ppm	Sr ppm	Ta ppm	Te ppm	Th ppm	Ti %	Ti ppm	U ppm	V ppm	W ppm	Y ppm	Zn ppm	Zr ppm
300167	17.6	2.68	654	0.5		0.33	107		10.4	3	3	45.1	0.04	1.85	12.1	0.59	1.04	65	0.00	0.04	6.05	0.05	0.20	1.16	74	0.15	8.5	71.4	17
300001	21.7	1.78	547	0.4		0.46	86		9.7	6	2	29.5	0.02	2.40	10.6	0.78	0.73	59	0.00	0.04	6.70	0.05	0.13	1.28	56	0.14	8.5	67.2	14
300013	12.2	3.55	432	0.5		0.27	80		7.3	5	3	32.9	0.03	1.99	12.6	0.52	0.80	60	0.00	0.04	4.91	0.02	0.15	0.85	65	0.14	7.4	52.3	10
300087	13.8	2.09	562	0.5		0.36	86		10.1	3	2	49.4	0.00	1.62	13.9	0.48	1.23	74	0.00	0.04	5.80	0.04	0.23	0.96	73	0.16	7.4	59.3	14
300090	15.0	2.15	886	0.6		0.51	105		10.5	6	5	54.6	0.07	3.24	18.3	0.34	1.08	77	0.00	0.04	5.47	0.05	0.21	0.95	81	0.22	9.7	74.9	15
300015	15.2	3.92	682	0.5		0.36	102		9.6	6	3	43.6	0.03	2.72	15.9	0.57	1.00	50	0.00	0.04	5.56	0.03	0.19	0.93	79	0.15	8.6	62.5	14
300119	13.7	2.78	684	0.5		0.44	105		10.7	5	5	41.9	0.02	0.83	12.8	0.55	1.11	40	0.00	0.03	5.40	0.05	0.18	0.88	72	0.17	7.8	64.9	14
300063	15.6	2.92	586	0.4		0.26	86		10.5	8	1	42.6	0.02	0.93	12.9	0.57	0.99	47	0.00	0.03	6.42	0.03	0.19	1.08	63	0.12	8.6	66.5	14
300101	14.3	2.65	613	0.4		0.34	115		9.0	2	3	29.1	0.01	1.32	11.6	0.55	0.85	61	0.00	0.03	5.40	0.05	0.13	0.95	76	0.10	7.8	78.0	11
300082	16.2	2.92	654	0.5		0.56	114		9.3	7	4	33.9	0.09	1.46	12.1	0.32	0.91	85	0.00	0.03	6.11	0.05	0.15	1.02	73	0.21	8.8	68.1	14
300226	17.1	2.21	760	0.8		0.39	142		8.3	3	2	39.1	0.07	3.09	14.1	0.27	0.93	49	0.00	0.05	5.97	0.04	0.15	1.06	66	0.16	9.1	80.5	14
300134	16.4	1.08	1210	0.8		0.41	124		13.4	5	4	38.9	0.03	2.15	20.6	0.50	1.20	89	0.00	0.04	6.38	0.03	0.13	0.99	87	0.24	11.8	74.4	13
300027	18.1	2.79	675	0.3		0.44	95		7.6	6	4	33.9	0.03	1.38	11.2	0.69	0.82	107	0.00	0.04	5.60	0.05	0.16	1.27	83	0.16	10.0	58.3	14
300033	13.9	8.98	730	0.4		0.27	92		7.6	8	2	31.5	0.04	1.26	14.4	0.59	0.93	86	0.00	0.03	4.43	0.03	0.14	1.01	64	0.13	7.1	76.0	14