

ASX ANNOUNCEMENT | 26 September 2023

# SIGNIFICANT NICKEL SULPHIDE POTENTIAL IDENTIFIED AT CALLAWA PROJECT



## HIGHLIGHTS

- 864-sample soil Auger survey completed on the Callawa project returned results up to 1,808ppm Ni, 2,349ppm Cr and 111ppm Co
- Sample results indicate strong nickel sulphide mineralisation potential associated with the elevated magnetic anomalism
- Magnesium and Chrome content and Ni:Cu ratio of the sample results indicate potential peridotite/dunite-associated nickel mineralisation
- Future phases of work are being evaluated and may include
  - o a re-evaluation of existing high-definition magnetic data; and
  - o a second phase of closer-spaced soil sampling to better define the mineralisation and potential target

Askari Metals Limited (ASX: AS2) ("Askari Metals" or "Company") is pleased to announce the results of the 864-sample soil auger geochemical survey completed at the Company's 100%-owned Callawa Copper Project (E45/5842), located approximately 90km north-east of Marble Bar in the east Pilbara of WA.

### Commenting on the program, VP-Exploration & Geology, Mr Johan Lambrechts, stated:

*"The Company is encouraged by the results of this soil geochemical campaign which has demonstrated the significant potential to explore for a major nickel sulphide deposit. The East Pilbara has become an exploration hotspot for nickel, copper, gold and lithium with several major discoveries made and deposits developed.*

*Nickel demand is on the rise as the critical metal is increasingly needed for the advancement of the global energy transition. Callawa presents an exciting opportunity to supply this demand, through development of a multi-commodity project with a focus on nickel and copper.*

*The Company is excited to begin further exploration of this new target and we look forward to keeping shareholders informed."*



## Overview

The Callawa Project is located approximately 85km northeast of Marble Bar and covers more than 167km<sup>2</sup> of the Pilbara Craton. Historic rock sampling showed significant copper results of up to 19% Cu and data analysis identified nickel potential in the tenement.

This encouraged the Company to complete an extensive soil auger program, with 864 soil samples taken from the prospective area. Results from this campaign show significant nickel potential in the target areas, including 1,808ppm nickel and 1,607ppm nickel.

The Company will design a follow-up soil auger program to complete the current dataset and define the mineralised target more clearly, before embarking on future exploration activities.

## Callawa Project

The Callawa Project comprises a single granted exploration licence E45/5842 and is situated within the north-eastern margin of the Pilbara Craton overlying part of a "ring structure" showing the hallmarks of a porphyry terrane. Previous samples indicate potential for this project to be a part of a major mineralised system.

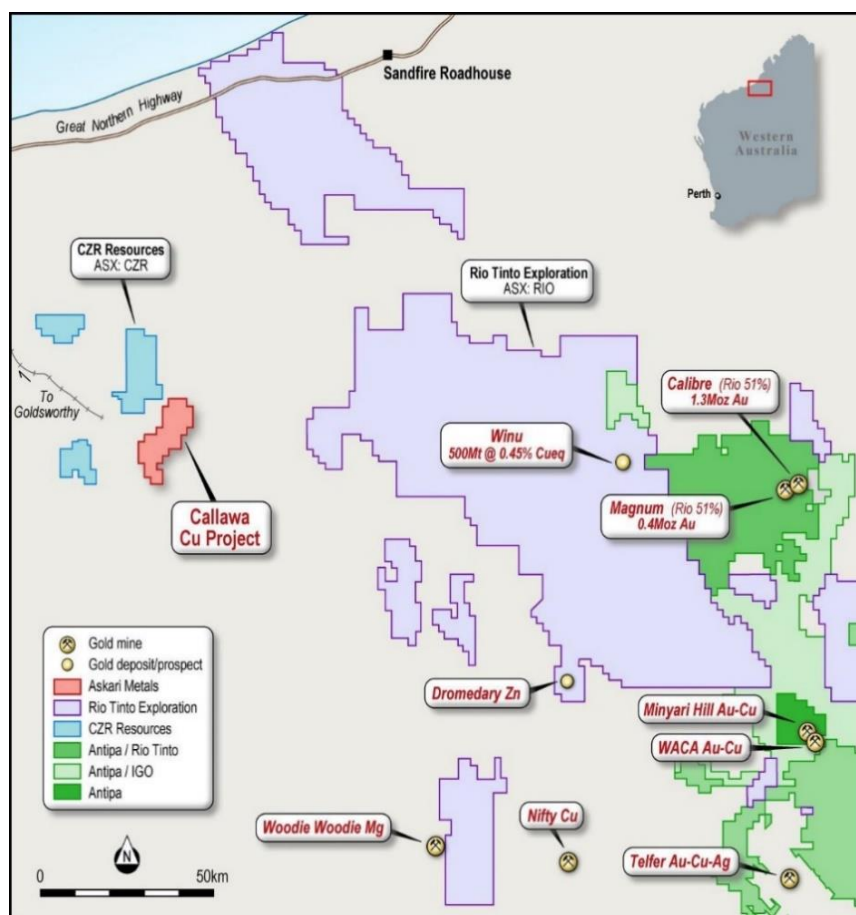


Figure 1: Location map of the Callawa Project, Western Australia

Historic rock sampling results showed grading between 2.5% Cu and 19% Cu. Data analysis has identified nickel potential in the tenement, which was reinforced by rock chip sampling results of greater than 1,000ppm nickel with associated cobalt, chrome and copper.

## Nickel and Cobalt Potential

Intrusion-related nickel deposits are known for their relatively high grades, and mineralisation can occur in the form of massive sulphide veins or as disseminated grains within the host rock, which are generally mafic and ultramafic rocks such as peridotite and dunite (a type of peridotite). These intrusion-related nickel sulphide deposits typically contain various nickel sulphide minerals, with pentlandite (a nickel-iron sulphide) being the most common. Chalcopyrite (copper-iron sulphide) and pyrrhotite (iron sulphide) may also be present.

As a result, in conjunction with nickel anomalies, elevated copper and sulphur levels can indicate the presence of nickel-copper sulphide mineralisation. Nickel is typically more abundant than copper in many magmatic nickel sulphide deposits, resulting in a Ni:Cu ratio greater than 1:1. The ratio of cobalt to nickel (Co/Ni) can also provide valuable information about the type of nickel sulphide deposits. High Cr/Fe ratios are often associated with favourable peridotite host rocks.

**The results received from the soil auger program indicate that several of the above-mentioned geochemical signatures representing or evaluating nickel sulphide mineralisation are present in the target areas identified on the Callawa project.**

## Discussion of Results

**Correlation:** The samples were assayed for the full multi-element suite, and several indicator minerals were scrutinised regarding their assayed value and their correlation to nickel and each other.

Elements related to deep weathering and alteration, like aluminium, returned generally low values, while other elements like vanadium, manganese, sodium and potassium were also not particularly elevated, indicating the area does not show the general nickel laterite characteristics, and this type of deposit is considered a low likely hood at this stage.

**However, a strong correlation (above 90%) between nickel, cobalt and chrome was identified, and a high correlation (above 80%) between nickel and magnesium is also present. These correlations are significant since they indicate that several characteristic geological features of magmatic nickel sulphide mineralisation are likely present in the area.**

For example, a high correlation with magnesium might imply the host rock has elevated magnesium geochemistry, which makes mafic and ultramafic rocks the likely host. The correlation between nickel and chrome is also encouraging because dunitites and other peridotite rocks are often associated with elevated chromium values. **Magmatic nickel sulphide deposits are often hosted by the peridotite group of rocks, including dunitites, making the chrome association favourable.**

## Nickel, Cobalt and Chrome

Background values for metals vary depending on the geological setting and many other factors, including sample type (rock vs soil). An average nickel and chrome background value of 150 ppm and 200 ppm, respectively, was used for this data review. The nickel values received from the soil sampling program revealed an average nickel value of 130 ppm Ni with a maximum of 1,808 ppm nickel, while chrome revealed average results of 214 ppm Cr with a maximum of 2,349 ppm chrome. **These elevated results and the above-mentioned strong correlations bode well for potential magmatic nickel sulphide mineralisation at Callawa.**



## Ratios

Metal ratios are often used to identify potential sulphide nickel mineralisation centres. As mentioned above, iron and copper-iron-sulphide minerals are sometimes associated with magmatic nickel sulphide deposits and therefore, copper is used in one ratio. Since nickel sulphide deposits are often associated with dunite host rocks, and dunites are often associated with elevated chrome values, chrome is also used in another ratio to identify potential mineralisation target areas.

Nickel is typically more abundant than copper in many magmatic nickel sulphide deposits, resulting in a Ni:Cu ratio greater than 1:1 being considered favourable. (**NOTE: It is considered that copper is essential to economic magmatic nickel sulphide deposits and should be present in the dataset**).

The nickel-to-copper ratio of this dataset is very positive, with an average of 6.2:1. The average nickel-to-cobalt ratio for this dataset is 5.7:1. In contrast, the chrome-to-iron ratio has an average of 0.006:1. Whilst this sounds low, considering that iron content is measured in percent and chrome in ppm, this ratio is also favourable, as evidenced by the high chrome values in the dataset.

Table 1 below depicts the nickel results greater than 500 ppm Ni.

Sample ID	Ni_ppm	Co_ppm	Cr_ppm	Zn_ppm	Cu_ppm	Pd_ppb	Pt_ppb	Al_pct	Ca_pct	Fe_pct	K_pct	Mg_pct	Na_pct
ASS1437	1808	85	1100	97	90	3.9	2.6	2.39	2.94	8.30	0.21	6.93	0.18
ASS1431	1607	111	2349	110	41	2.3	1.5	4.56	2.74	10.20	0.22	7.56	0.17
ASS1442	1513	84	1339	60	75	4.2	2.5	3.44	1.54	8.77	0.41	5.98	0.31
ASS1508	1479	85	1121	74	71	3.2	1.9	2.81	6.31	7.97	0.29	8.85	0.42
ASS1198	1457	81	1225	91	543	2.4	2.0	1.78	4.06	7.31	0.39	5.37	0.15
ASS1123	1245	68	1241	61	65	2.2	1.0	1.51	8.25	7.66	0.23	6.28	0.20
ASS1438	1145	55	370	57	60	2.3	1.3	2.81	4.54	5.34	0.46	5.06	0.38
ASS1290	1127	59	889	69	55	1.6	1.5	5.43	2.04	6.86	0.38	6.74	0.58
ASS1221	1047	52	1569	112	2	1.6	1.7	5.75	0.70	5.24	0.17	9.01	0.24
ASS1601	1047	61	687	56	117	2.0	2.6	4.54	1.17	7.03	0.33	3.64	0.21
ASS1195	969	54	833	61	84	2.8	2.0	1.86	7.47	6.52	0.34	4.06	0.34
ASS0930	852	61	1336	55	58	2.5	1.5	1.94	8.20	5.84	0.38	5.31	0.19
ASS1265	808	50	692	76	111	1.8	2.3	5.52	1.24	7.29	0.18	5.41	0.32
ASS1106	806	41	452	57	119	2.1	1.5	1.59	6.26	4.45	0.31	4.40	0.31
ASS1193	762	47	909	57	44	1.4	0.9	4.47	1.78	6.18	0.58	4.08	0.45
ASS1292	755	50	760	56	50	0.9	1.6	3.66	1.47	6.60	0.36	4.15	0.55
ASS1342	750	41	1255	82	17	0.8	0.7	6.87	0.95	6.90	0.41	8.51	0.16
ASS1291	646	55	1047	90	100	1.0	1.3	2.22	1.41	9.07	0.34	3.28	0.51
ASS1155	641	35	750	39	75	2.2	2.1	2.22	0.09	6.12	0.32	0.82	0.24
ASS1588	633	35	268	32	53	1.7	1.6	6.41	0.41	5.03	0.49	3.40	0.14
ASS1583	574	33	302	41	51	2.1	1.1	3.72	1.25	4.56	0.36	3.67	0.25
ASS1326	568	43	771	50	43	2.2	1.7	3.52	1.41	5.28	0.28	4.63	0.29
ASS1406	557	39	779	52	37	1.7	1.2	4.08	7.39	5.72	0.55	4.28	0.41
ASS1434	553	43	774	52	36	1.4	1.5	2.86	1.29	6.15	0.38	2.76	0.45
ASS1706	540	30	462	98	22	1.0	0.7	3.31	0.69	5.15	0.41	1.70	0.65
ASS1529	534	54	553	129	30	3.7	3.0	9.80	4.83	8.78	0.27	9.64	0.17
ASS1284	529	38	930	116	7	1.5	2.6	10.00	0.40	5.25	0.69	6.63	0.37
ASS1439	501	30	360	51	14	1.2	1.0	2.10	2.81	4.43	0.44	2.63	0.48

Table 1: Table of the nickel results greater than 500ppm Nickel

## Visual Representation of Results

As the mathematical correlation suggests, there is a strong spatial correlation between the nickel indicator minerals. The zone identified as the most prospective for magmatic nickel sulphide mineralisation, as indicated by the geochemical analysis, also correlates very closely to the magnetic anomalous areas identified by the high-definition magnetic survey completed by the Company.



This spatial correlation validates the geochemical analysis somewhat because the mafic and ultramafic hosts indicated by the geochemical analysis are high in iron and, therefore, should have a relatively high magnetic signature in the magnetic data. All of the above supports the view that the area exhibits high potential for nickel sulphide mineralisation.

Figure 1 shows the gridded nickel data from the soil survey and the soil data displaying the nickel values. Both these datasets are underlain by the TMI-RTP-1VD magnetic image of the area. Note the high spatial correlation between the target area highlighted in pink and the magnetic anomalies.

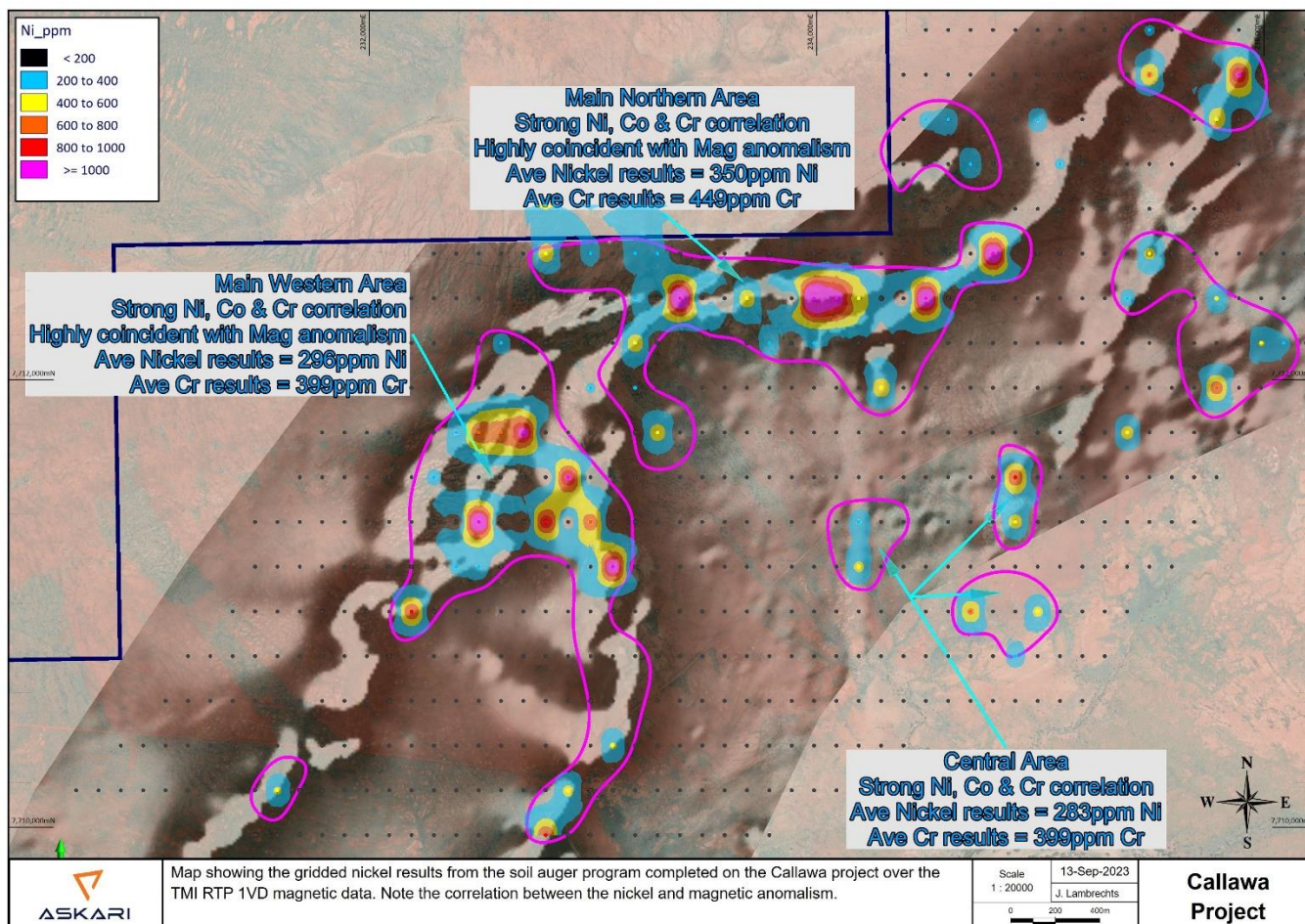


Figure 1: Map showing the gridded Nickel results from the soil auger program over the TMI RTP 1VD magnetic data.

Figure 2 shows the same correlation between the target area identified by the sample results and the magnetic anomaly; only this time, it is shown using the chrome data.

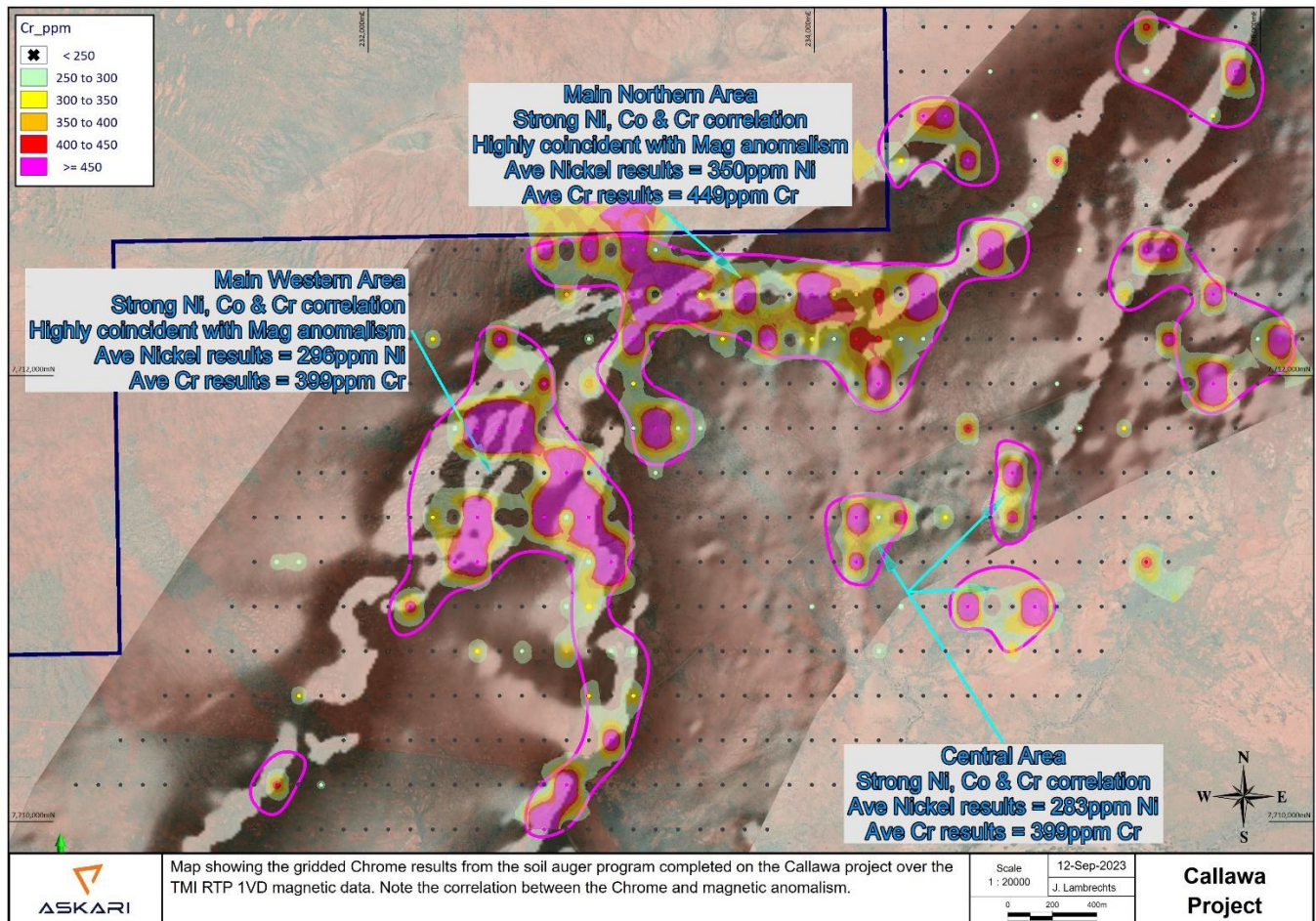


Figure 2: Map showing the gridded Chrome results from the soil auger program over the TMI RTP 1VD magnetic data.

## FUTURE WORK

The Company will have the magnetic data reviewed and interpreted by geophysical consultants to identify primary targets. A follow-up soil auger program will be designed to fill the data spacings in the current 200m x 100m dataset and further define the mineralised target. These results will help determine future activities at the Callawa Project.

**This announcement is authorised for release by the executive board.**

- ENDS -

## FOR FURTHER INFORMATION PLEASE CONTACT

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### ABOUT ASKARI METALS

Askari Metals was incorporated for the primary purpose of acquiring, exploring and developing a portfolio of high-grade battery (Li + Cu) and precious (Au + Ag) metal projects across Namibia, Western Australia, Northern Territory and New South Wales. The Company has assembled an attractive portfolio of lithium, copper, gold and copper-gold exploration/mineral resource development projects in Western Australia, Northern Territory, New South Wales and Namibia.

For more information please visit: [www.askarimetals.com](http://www.askarimetals.com)

### CAUTION REGARDING FORWARD-LOOKING INFORMATION

This document contains forward-looking statements concerning Askari Metals Limited. Forward-looking statements are not statements of historical fact and actual events and results may differ materially from those described in the forward-looking statements as a result of a variety of risks, uncertainties and other factors. Forward-looking statements are inherently subject to business, economic, competitive, political and social uncertainties and contingencies. Many factors could cause the Company's actual results to differ materially from those expressed or implied in any forward-looking information provided by the Company, or on behalf of, the Company. Such factors include, among other things, risks relating to additional funding requirements, metal prices, exploration, development and operating risks, competition, production risks, regulatory restrictions, including environmental regulation and liability and potential title disputes.

Forward looking statements in this document are based on the Company's beliefs, opinions and estimates of Askari Metals Limited as of the dates the forward-looking statements are made, and no obligation is assumed to update forward looking statements if these beliefs, opinions and estimates should change or to reflect other future developments.

### COMPETENT PERSONS STATEMENT

The information in this report that relates to Exploration Targets, Exploration Results or Mineral Resources is based on information compiled by Johan Lambrechts, a Competent Person who is a Member of the Australian Institute of Geoscientists. Mr. Lambrechts is a full-time employee of Askari Metals Limited, who has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr. Lambrechts consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.



Appendix 1 – JORC Code, 2012 Edition, Table 1 report

Section 1 Sampling Techniques and Data (Criteria in this section applies to all succeeding sections)

Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul style="list-style-type: none"> <li>Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> </ul>	<ul style="list-style-type: none"> <li>Soil Auger <ul style="list-style-type: none"> <li>These samples were collected using an auger at a depth below the transported cover and in the regolith. Samples are clear of organic matter.</li> </ul> </li> </ul>
Drilling techniques	<ul style="list-style-type: none"> <li>Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details.</li> </ul>	<ul style="list-style-type: none"> <li>Auger</li> </ul>
Drill sample recovery	<ul style="list-style-type: none"> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> </ul>	<ul style="list-style-type: none"> <li>N.A</li> </ul>
Logging	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Samples were logged, recording of colour and other comments in the field.</li> </ul>
Sub-sampling techniques and sample preparation	<ul style="list-style-type: none"> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> </ul>	<ul style="list-style-type: none"> <li>All samples are crushed and then pulverised in a ring pulveriser (LM5) to a nominal 90% passing 75 microns. An approximately 100g pulp sub-sample is taken from the large sample and the residual material is stored. <ul style="list-style-type: none"> <li>A quartz flush (approximately 0.5 kilograms of white, medium-grained sand) is put through the LM5 pulveriser prior to each new batch of samples. Several quartz flushes are also put through the pulveriser after each massive sulphide sample to ensure the bowl is clean before the next sample is processed. A selection of this pulverised quartz flush material is then analysed and reported by the lab to gauge the potential level of contamination that may be carried through from one sample to the next.</li> </ul> </li> </ul>
Quality of assay data and laboratory tests	<ul style="list-style-type: none"> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether</li> </ul>	<ul style="list-style-type: none"> <li>All AS2 samples were submitted to Northern Laboratories.</li> <li>The samples were sorted, wet-weighed, dried then weighed again. Primary preparation involved crushing and splitting the sample with a riffle splitter where necessary to obtain a sub-fraction which was pulverised in a vibrating pulveriser. All coarse residues have been retained.</li> </ul>



Criteria	JORC Code explanation	Commentary
	<ul style="list-style-type: none"> <li>acceptable levels of accuracy (ie lack of bias) and precision have been established.</li> </ul>	<ul style="list-style-type: none"> <li>The samples have been analysed by a 40g lead collection fire assay as well as multi-acid digest with an Inductively Coupled Plasma (ICP) Optical Emission Spectrometry finish for multi-elements.</li> <li>The lab randomly inserts analytical blanks, standards and duplicates into the client sample batches for laboratory QAQC performance monitoring.</li> <li>AS2 also inserted Certified Reference Material (CRM) samples and blanks roughly every 20 samples to assess the accuracy and reproducibility of the results.</li> <li>All of the QAQC data has been statistically assessed to determine if the results were within the certified standard deviations of the reference material. If required, a batch or a portion of the batch may be re-assayed.</li> </ul>
Verification of sampling and assaying	<ul style="list-style-type: none"> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> <li>Discuss any adjustment to assay data.</li> </ul>	<ul style="list-style-type: none"> <li>An internal review of results will be undertaken by Company personnel. No independent verification is undertaken at this stage.</li> <li>Validation of the field and laboratory data is undertaken before the final acceptance and reporting of the data. <ul style="list-style-type: none"> <li>The Company geologists will assess quality control samples from both the Company and the laboratory for verification. All assay data must pass this data verification and quality control process before being reported.</li> </ul> </li> </ul>
Location of data points	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Samples were collected and GPS located in the field using a handheld GPS with roughly a 1-2m error.</li> </ul>
Data spacing and distribution	<ul style="list-style-type: none"> <li>Data spacing for reporting of Exploration Results.</li> <li>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.</li> <li>Whether sample compositing has been applied.</li> </ul>	<ul style="list-style-type: none"> <li>The samples reported in this announcement were collected in a 100m x 200m grid.</li> </ul>
Orientation of data in relation to geological structure	<ul style="list-style-type: none"> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> </ul>	<ul style="list-style-type: none"> <li>N.A</li> <li>Soil sampling is not relative to structural orientation but is used to identify anomalous areas and possible targets.</li> </ul>
Sample security	<ul style="list-style-type: none"> <li>The measures taken to ensure sample security.</li> </ul>	<ul style="list-style-type: none"> <li>All samples were collected and accounted for by AS2 employees, and an appropriate manifest of sample numbers and a sample submission form containing laboratory instructions were submitted to the laboratory. Any discrepancies between sample submissions and samples received were routinely followed up and accounted for.</li> </ul>
Audits or reviews	<ul style="list-style-type: none"> <li>The results of any audits or reviews of sampling techniques and data.</li> </ul>	<ul style="list-style-type: none"> <li>No audits have been conducted on the historical data to our knowledge.</li> </ul>

**Section 2 Reporting of Exploration Results (Criteria listed in the preceding section also apply to this section.)**

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	<ul style="list-style-type: none"> <li>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.</li> <li>The security of the tenure held at the time of reporting along with any known impediments to obtaining a license to operate in the area.</li> </ul>	The Callawa Copper Project comprises a single granted exploration licence E45/5842 covering an area of 167 km <sup>2</sup> and is located approximately 85km northeast of Marble Bar.
Exploration done by other parties	<ul style="list-style-type: none"> <li>Acknowledgment and appraisal of exploration by other parties.</li> </ul>	The Company will review historical exploration for future announcements.
Geology	<ul style="list-style-type: none"> <li>Deposit type, geological setting and style of mineralisation.</li> </ul>	<p>The Callawa Copper Project covers a large area of the Warrawagine Granitoid Complex on the north-eastern margin of the Pilbara Craton, which is a poorly exposed sequence of mafic and ultramafic xenolith-rich foliated gneissic granitoid. Copper mineralisation within quartz veining has been recorded in several locations and is associated with elevated gold values, which may indicate a potential porphyry-style origin to the copper occurrence.</p> <p>The Callawa Copper Project is an early-stage exploration project for greenstone-hosted vein mineralisation near the margins of ultramafic xenoliths within granites of the Warrawagine complex or potential porphyry mineralisation. The mineralisation is visible at the surface comprises secondary copper dominated by malachite within highly altered quartz mineralised and sheared/brecciated host rock. The degree of alteration observed in the samples is indicative of the potential for this to be a part of a major mineralised system.</p>
Drill hole Information	<ul style="list-style-type: none"> <li>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"> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> <li>hole length.</li> </ul> </li> <li>If the exclusion of this information is justified on the basis that the information is not material and this exclusion does not detract from the understanding of the report, the</li> </ul>	<p>His announcement does not include drilling.</p> <p>All Auger sample locations are indicated on the diagrams in the body of the announcement.</p>

Criteria	JORC Code explanation	Commentary
	Competent Person should clearly explain why this is the case.	
Data aggregation methods	<ul style="list-style-type: none"> <li>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.</li> <li>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.</li> </ul>	No data aggregation methods were used
Relationship between mineralisation widths and intercept lengths	<ul style="list-style-type: none"> <li>These relationships are particularly important in the reporting of Exploration Results.</li> <li>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> </ul>	N.A.
Diagrams	<ul style="list-style-type: none"> <li>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.</li> </ul>	Diagrams are included in the body of the document.
Balanced reporting	<ul style="list-style-type: none"> <li>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 results.</li> </ul>	All results are presented in Appendix 1.
Other substantive exploration data	<ul style="list-style-type: none"> <li>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.</li> </ul>	None
Further work	<ul style="list-style-type: none"> <li>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> </ul>	<ul style="list-style-type: none"> <li>Currently under assessment. Follow-up work is required, as mentioned in the body of the announcement.</li> </ul>

Appendix1: sample results

Sample ID	Ni_ppm	Co_ppm	Cr_ppm	Cu_ppm	S_ppm	Al_pct	Ca_pct	Fe_pct	K_pct	Mg_ppm	Na_pct
ASS0903	138	18	166	29	80	4.87	3.48	3.79	1.15	14482	2.03
ASS0904	72	17	153	41	61	2.66	0.56	3.42	0.90	6798	2.77
ASS0905	64	24	71	21	73	3.96	1.47	5.09	1.57	13417	2.56
ASS0906	43	14	79	25	58	2.74	2.38	3.33	0.64	9535	1.37
ASS0907	35	15	29	70	52	2.96	2.06	3.08	0.81	9588	2.24
ASS0908	32	13	74	20	57	3.27	2.10	2.87	0.71	8593	2.30
ASS0909	33	11	47	20	10	2.06	0.21	2.63	0.92	4390	1.57
ASS0910	121	25	211	59	85	2.82	3.16	4.97	0.63	16244	0.66
ASS0911	29	9	50	20	47	2.23	1.06	2.04	0.82	4021	1.60
ASS0912	46	14	154	24	58	4.26	3.46	3.91	0.88	5802	1.01
ASS0913	43	12	95	20	24	1.46	0.18	2.84	0.84	3877	0.61
ASS0914	38	11	131	23	70	2.83	3.33	2.62	1.00	6664	0.97
ASS0915	40	11	59	19	51	2.65	1.50	2.90	0.68	10805	1.44
ASS0916	44	13	110	19	22	2.76	0.37	3.08	1.29	9710	2.34
ASS0917	49	11	63	11	42	2.84	1.53	2.70	1.35	9514	1.62
ASS0918	26	7	105	10	21	2.87	0.72	1.41	0.94	3045	2.40
ASS0919	91	15	88	18	48	2.19	0.21	3.75	0.46	12974	0.42
ASS0921	32	9	116	23	31	2.49	0.49	2.15	0.96	7720	2.32
ASS0922	41	11	84	26	27	1.62	0.29	2.80	0.80	6495	1.82
ASS0923	42	11	146	27	83	1.77	0.43	2.36	0.93	6385	1.52
ASS0924	43	11	100	29	25	1.95	0.23	3.19	1.73	6728	1.62
ASS0925	58	16	167	34	102	1.36	0.18	3.99	0.81	5920	0.94
ASS0926	435	29	433	37	58	3.11	1.03	4.19	0.73	22185	0.55
ASS0927	101	14	150	26	49	2.25	0.71	2.86	0.92	6728	0.91
ASS0928	55	12	264	21	32	1.61	0.20	2.51	0.93	3615	0.64
ASS0929	26	8	45	9	75	4.95	4.54	2.17	1.04	12102	1.75
ASS0930	852	61	1336	58	91	1.94	8.20	5.84	0.38	53090	0.19
ASS0931	62	10	88	7	32	2.27	1.52	1.71	0.50	10710	1.95
ASS0932	108	14	220	24	59	1.58	0.43	2.65	0.92	9830	0.74
ASS0933	11	9	23	3	28	2.21	0.98	1.40	0.97	6519	2.32
ASS0934	38	10	183	14	45	1.39	0.39	1.77	0.80	6086	0.99
ASS0935	39	12	93	16	111	2.88	1.64	2.18	0.72	12630	0.80
ASS0936	70	23	223	38	278	1.84	0.43	3.47	0.92	10670	0.80
ASS0937	85	29	168	49	348	2.19	0.41	4.45	1.05	12540	1.00
ASS0938	77	24	228	45	270	2.41	0.62	4.19	0.97	12390	0.91
ASS0939	59	20	141	37	514	2.39	1.27	3.49	0.94	10460	0.71
ASS0941	65	22	150	43	81	2.18	0.68	4.10	0.82	9595	0.56
ASS0942	61	16	197	33	32	1.86	0.33	3.27	0.76	11220	1.31
ASS0943	66	25	146	13	116	3.02	7.24	4.67	0.67	13760	1.10
ASS0944	59	22	124	46	85	2.44	0.39	4.61	1.25	10837	0.78
ASS0945	38	13	47	17	55	5.87	5.53	2.94	0.74	12361	2.30
ASS0946	37	11	85	21	99	5.06	8.84	2.63	0.73	5960	0.95
ASS0947	38	11	83	15	524	4.26	4.27	2.75	0.65	22165	1.09
ASS0948	83	11	159	17	98	5.71	6.33	2.53	0.95	16297	1.40
ASS0949	60	16	110	29	156	2.57	0.97	3.24	0.91	9601	0.69
ASS0951	61	19	127	33	354	3.07	0.50	3.80	1.06	10660	0.82
ASS0952	83	16	172	28	986	3.43	1.74	3.06	0.89	13363	1.07
ASS0953	66	13	116	23	1498	3.16	1.20	3.11	0.96	9455	1.21
ASS0954	88	17	231	28	754	3.21	1.69	3.06	0.87	10435	0.84
ASS0955	456	35	715	44	119	4.95	12.02	5.49	0.51	43381	0.29
ASS0956	117	22	238	45	117	2.21	0.49	4.23	0.87	9104	0.58
ASS0957	51	17	82	27	57	4.20	1.59	3.53	0.82	11015	2.09
ASS0958	65	20	166	26	35	3.98	2.88	4.83	0.86	15208	2.04
ASS0959	20	9	30	24	20	2.07	0.96	1.59	0.94	5237	3.17
ASS0961	19	6	83	18	25	2.38	2.28	0.90	0.71	3862	2.92
ASS0962	88	23	89	6	32	2.71	0.12	5.48	0.59	14964	2.76
ASS0963	71	14	116	18	32	2.89	1.56	3.28	0.74	11396	2.06
ASS0964	56	16	107	11	48	4.09	2.17	3.39	0.68	14028	2.12
ASS0965	64	13	163	14	108	5.67	5.94	3.71	0.87	16441	1.37
ASS0966	145	22	140	24	63	4.35	7.71	5.01	0.74	8551	0.86
ASS0967	96	23	233	45	46	5.02	3.80	4.85	0.68	19195	1.15
ASS0968	24	11	42	23	32	4.16	3.78	2.67	0.89	9652	1.98
ASS0969	49	13	157	20	25	3.19	0.35	2.89	1.66	6028	1.31
ASS0970	59	15	89	30	35	3.66	0.70	3.86	1.14	7966	1.30
ASS0971	88	22	142	23	50	6.27	3.07	4.08	0.85	21040	1.57
ASS0972	33	14	114	10	24	2.01	0.25	2.69	1.06	5472	1.42
ASS0973	21	11	92	8	10	2.29	1.17	1.54	0.88	6194	2.34
ASS0974	54	15	127	20	33	3.21	0.86	3.10	0.90	7246	0.87
ASS0975	39	13	199	16	27	3.02	0.35	2.82	0.89	6304	1.44
ASS0976	37	11	122	19	10	1.97	0.21	3.07	0.91	3430	0.72
ASS0977	42	13	161	21	10	2.62	0.16	2.95	0.95	2608	0.51
ASS0978	47	13	100	26	10	2.17	0.26	3.28	0.72	3859	0.64
ASS0979	25	9	98	16	10	2.38	1.08	1.17	0.55	1982	2.39
ASS0981	66	10	194	18	10	1.49	0.16	1.97	0.82	2966	0.74
ASS0982	22	8	72	18	10	2.00	0.57	1.12	0.87	1085	2.51
ASS0983	45	9	149	17	10	2.46	0.33	2.09	0.92	4298	1.45
ASS0984	64	16	168	25	10	3.02	0.18	2.95	0.79	5632	0.75
ASS0985	76	18	193	27	27	3.70	0.19	3.83	0.94	4845	0.36
ASS0986	59	12	133	14	38	2.38	0.78	2.47	0.90	10549	0.74
ASS0987	83	16	233	18	215	2.70	1.02	2.77	0.89	12376	0.74



Sample ID	Ni_ppm	Co_ppm	Cr_ppm	Cu_ppm	S_ppm	Al_pct	Ca_pct	Fe_pct	K_pct	Mg_ppm	Na_pct
ASS0988	54	14	100	14	212	7.64	9.66	3.27	0.75	36272	1.50
ASS0989	426	36	581	38	79	4.77	5.46	4.96	0.65	64928	0.51
ASS0990	67	13	139	21	58	4.26	5.50	3.03	0.86	14413	0.71
ASS0991	51	8	134	16	10	1.52	0.41	1.33	0.97	3211	2.76
ASS0992	44	15	111	23	24	2.14	0.22	3.14	0.92	9355	1.19
ASS0993	43	15	147	24	22	2.46	0.28	3.07	0.86	9226	1.13
ASS0994	45	11	74	21	29	2.76	0.27	2.86	1.11	5674	1.42
ASS0995	56	14	168	24	22	2.59	0.44	3.16	0.77	6880	0.37
ASS0996	72	22	89	16	69	4.84	3.42	5.33	1.65	29871	1.80
ASS0997	40	13	112	37	54	3.65	0.33	3.27	1.12	11490	2.04
ASS0998	44	12	74	29	90	4.42	8.13	3.52	0.64	8173	0.79
ASS0999	85	17	126	38	66	3.32	1.37	4.09	1.14	14496	0.73
ASS1001	61	18	105	38	626	3.45	2.02	4.15	1.03	13055	0.64
ASS1002	65	21	128	48	1128	2.45	0.69	4.72	1.04	15012	0.71
ASS1003	49	20	83	49	120	2.66	0.63	5.06	1.09	12012	0.60
ASS1004	36	8	127	15	54	2.11	0.23	1.95	1.26	6174	1.95
ASS1005	62	10	119	13	22	2.76	0.28	2.11	0.73	11067	1.62
ASS1006	33	10	132	17	25	1.71	0.26	2.20	0.55	5571	1.11
ASS1007	38	11	87	20	46	3.54	0.86	2.94	1.12	15831	1.29
ASS1008	47	14	111	18	24	4.04	0.57	3.64	0.71	29800	1.62
ASS1009	19	9	35	26	90	6.13	7.06	2.61	1.15	6109	1.58
ASS1010	28	8	79	16	68	5.71	8.76	2.54	1.11	10987	1.05
ASS1011	46	12	78	22	37	2.43	2.65	2.85	0.65	11855	0.83
ASS1012	63	18	147	15	10	4.32	0.66	3.87	0.63	29216	1.49
ASS1013	56	17	112	24	50	3.46	0.99	3.29	1.33	13749	1.21
ASS1014	36	11	116	19	320	5.44	5.31	2.41	0.59	9048	1.39
ASS1015	50	21	125	40	100	3.21	0.44	4.12	0.98	11791	0.51
ASS1016	138	17	347	17	48	3.61	0.65	2.67	0.89	20768	1.34
ASS1017	83	13	181	12	80	6.21	8.74	2.37	0.91	18080	1.03
ASS1018	129	15	312	19	83	4.77	5.03	3.02	0.62	23040	0.50
ASS1019	74	12	148	17	25	3.38	0.75	2.50	1.23	13920	1.55
ASS1021	64	13	120	16	36	3.98	1.36	2.61	0.78	17088	1.29
ASS1022	68	12	244	16	20	3.90	0.29	2.61	0.82	6979	0.58
ASS1023	48	23	136	12	42	4.42	3.22	4.76	0.79	16001	1.11
ASS1024	49	15	140	24	53	4.57	2.40	3.10	0.85	14122	0.93
ASS1025	29	9	96	14	10	2.64	0.58	2.64	1.17	1957	1.47
ASS1026	40	9	93	17	10	1.35	0.17	2.55	0.80	2638	1.31
ASS1027	23	6	34	16	10	1.74	0.31	1.64	0.95	3523	2.90
ASS1028	25	5	64	11	10	1.62	0.49	0.95	0.74	739	2.65
ASS1029	41	7	44	14	22	2.34	2.17	1.73	1.57	3196	1.35
ASS1030	153	54	72	342	44	3.09	6.60	9.41	0.39	19198	1.43
ASS1031	60	16	83	22	25	2.70	0.25	2.77	0.65	2863	0.38
ASS1032	167	26	326	30	34	1.51	2.33	5.18	0.82	12409	0.68
ASS1033	50	10	94	19	10	3.73	0.18	2.95	0.82	2616	1.37
ASS1034	48	13	116	12	10	3.34	0.19	3.20	0.62	10578	2.15
ASS1035	29	15	43	9	24	3.00	0.11	3.10	0.71	14783	1.74
ASS1036	31	10	149	14	23	3.06	0.37	2.18	0.85	3688	1.28
ASS1037	35	9	58	16	43	1.98	0.59	2.06	0.75	4970	1.64
ASS1038	49	15	163	27	36	2.64	0.55	3.37	0.79	6099	0.75
ASS1039	34	9	111	13	36	3.16	0.27	2.24	0.83	2751	0.61
ASS1041	46	9	94	15	110	4.86	7.80	2.68	0.71	7094	0.55
ASS1042	47	10	157	16	34	2.29	0.59	2.38	1.01	4241	1.00
ASS1043	35	7	70	14	21	3.38	0.17	2.07	1.43	2990	1.58
ASS1044	47	14	104	12	42	4.28	0.30	4.06	0.46	28005	0.70
ASS1045	110	28	204	12	47	4.40	0.28	5.90	0.14	35707	0.74
ASS1046	83	14	201	23	29	3.70	0.25	3.34	1.12	7421	0.87
ASS1047	81	12	166	28	63	3.98	5.41	3.13	0.69	5646	1.30
ASS1048	143	32	222	186	54	3.14	6.37	5.66	0.59	20065	0.94
ASS1049	40	8	83	17	42	3.61	4.69	2.11	0.78	5597	1.40
ASS1051	58	12	147	20	34	2.78	0.33	2.94	0.93	4394	0.69
ASS1052	64	14	239	26	28	3.21	0.33	3.34	0.88	4284	1.11
ASS1053	46	13	160	17	24	1.87	0.24	2.57	0.74	4144	1.04
ASS1054	68	15	321	23	10	2.62	0.22	3.17	0.76	5054	0.91
ASS1055	72	13	162	16	27	3.18	0.27	2.66	0.83	4398	0.76
ASS1056	73	11	298	15	50	2.59	0.96	2.21	0.81	5408	0.64
ASS1057	77	14	195	17	46	4.07	3.01	2.96	0.83	7631	0.82
ASS1058	123	27	357	24	50	4.37	1.99	4.93	0.74	13365	0.84
ASS1059	71	13	142	24	51	3.24	1.57	2.73	0.97	7124	1.76
ASS1061	132	20	259	25	55	4.21	3.68	3.47	0.91	14472	1.52
ASS1062	174	23	265	26	92	1.91	0.56	3.83	0.79	11997	0.54
ASS1063	32	11	128	13	94	4.02	7.91	2.39	1.18	4890	1.05
ASS1064	30	11	86	14	61	2.72	1.71	2.24	0.79	5211	0.59
ASS1065	40	10	197	17	35	3.39	0.38	2.25	0.68	3605	0.80
ASS1066	29	11	74	23	86	3.90	6.09	2.72	0.66	5411	0.54
ASS1067	50	14	114	23	29	3.53	0.84	3.09	0.72	8980	1.38
ASS1068	43	14	86	24	133	4.17	7.68	3.44	0.60	13230	0.86
ASS1069	66	12	178	37	21	3.28	0.14	3.22	0.86	6604	1.03
ASS1070	74	17	167	25	33	4.90	0.31	3.73	0.67	5297	0.31
ASS1071	64	19	134	18	47	3.34	1.67	3.89	0.58	11661	1.86
ASS1072	51	10	76	15	183	3.39	6.48	2.63	0.54	20907	0.42
ASS1073	67	18	293	18	475	2.35	1.06	2.81	0.60	8295	0.78
ASS1074	53	21	91	49	118	3.66	0.47	4.99	1.07	8971	0.52
ASS1075	55	21	107	50	145	2.86	0.37	4.71	0.97	9486	0.52



Sample ID	Ni_ppm	Co_ppm	Cr_ppm	Cu_ppm	S_ppm	Al_pct	Ca_pct	Fe_pct	K_pct	Mg_ppm	Na_pct
ASS1076	36	11	55	26	73	4.44	2.03	2.53	0.67	9895	1.63
ASS1077	57	22	133	55	325	3.81	1.14	4.77	0.99	13230	0.76
ASS1078	65	26	95	69	149	4.59	0.60	5.71	1.05	11866	0.53
ASS1079	62	17	165	33	159	4.92	1.72	4.02	0.80	13743	1.04
ASS1081	84	17	155	35	1073	4.74	2.85	4.01	0.82	13005	1.07
ASS1082	67	25	100	68	344	4.22	1.14	5.69	1.03	14751	0.70
ASS1083	82	31	153	46	132	2.93	3.06	7.22	0.77	14454	0.82
ASS1084	48	15	86	36	380	5.07	3.94	3.83	0.78	15614	0.68
ASS1085	67	26	153	60	116	4.47	0.64	5.41	1.04	9718	0.48
ASS1086	55	26	99	47	239	5.12	2.77	6.34	0.82	21978	1.17
ASS1087	316	33	352	60	178	4.00	2.25	6.23	0.38	31584	0.59
ASS1088	59	21	118	51	181	7.01	0.42	5.24	1.06	12829	0.60
ASS1089	63	16	154	39	1256	4.68	0.77	3.86	0.95	12829	0.98
ASS1090	55	16	125	39	61	3.65	0.75	4.02	1.02	11395	0.46
ASS1091	38	9	157	29	61	5.24	0.15	2.75	0.81	4113	0.77
ASS1092	29	10	71	21	54	4.54	4.20	3.06	0.76	3745	0.80
ASS1093	57	17	143	29	54	4.84	3.19	4.32	0.81	18572	1.51
ASS1094	18	7	47	11	43	3.74	1.57	1.76	0.89	6097	1.66
ASS1095	26	9	137	19	83	5.54	7.38	1.92	1.00	10069	0.77
ASS1096	59	12	123	13	62	5.42	7.52	2.47	0.71	13899	0.88
ASS1097	39	13	172	14	36	3.48	0.68	3.09	0.71	11564	2.61
ASS1098	143	18	317	9	83	4.51	12.20	3.13	0.42	39956	0.49
ASS1099	91	12	280	16	32	4.77	0.72	2.80	0.65	8660	0.47
ASS1100	89	9	126	8	45	5.91	5.61	1.69	0.64	19474	2.78
ASS1101	43	9	103	28	49	6.33	6.20	1.96	0.70	14924	1.32
ASS1102	65	15	129	16	35	6.21	0.73	2.63	1.81	20090	2.05
ASS1103	78	10	225	15	46	3.63	0.81	1.86	0.82	12190	1.73
ASS1104	25	6	59	7	35	3.29	1.29	1.14	0.60	8270	3.08
ASS1105	76	9	193	18	53	4.20	2.29	1.77	1.51	10987	1.31
ASS1106	806	41	452	119	71	1.59	6.26	4.45	0.31	44002	0.31
ASS1107	77	7	228	40	21	3.28	0.51	1.47	1.98	6024	2.83
ASS1108	126	16	143	22	42	3.48	1.21	3.05	0.94	11448	1.01
ASS1109	85	19	150	58	89	3.19	9.50	3.65	0.47	16944	0.46
ASS1110	118	20	140	26	52	4.58	3.60	4.18	1.06	15005	1.00
ASS1111	45	8	132	15	20	2.96	1.13	1.44	0.76	3154	2.16
ASS1112	16	4	28	11	21	4.61	0.70	1.30	1.04	1637	3.24
ASS1113	50	8	147	15	10	2.06	0.25	2.17	0.93	2996	0.78
ASS1114	65	19	93	27	37	3.19	2.36	4.10	0.83	8218	0.62
ASS1115	119	14	170	11	56	4.59	7.50	3.08	0.57	16809	0.99
ASS1116	47	10	97	17	89	4.44	4.27	2.77	0.61	10858	0.58
ASS1117	42	9	123	19	21	2.34	0.32	2.09	0.83	3300	1.04
ASS1118	43	14	72	27	26	3.54	0.27	3.25	1.04	10038	1.06
ASS1119	40	10	148	20	10	2.54	0.18	2.38	0.61	2144	0.37
ASS1120	36	9	67	17	21	2.40	0.74	2.33	0.63	2795	0.48
ASS1121	42	13	128	19	39	3.95	2.10	2.96	0.80	8859	1.69
ASS1122	71	14	86	24	10	4.60	0.27	3.83	1.01	12906	2.70
ASS1123	1245	68	1241	65	70	1.51	8.25	7.66	0.23	62772	0.20
ASS1124	190	19	257	29	88	4.26	6.05	3.59	0.73	9828	0.99
ASS1125	110	16	187	14	71	5.85	6.98	3.65	0.61	26979	0.84
ASS1126	82	10	118	7	56	4.78	5.80	2.08	0.74	11701	1.67
ASS1127	80	12	160	14	46	2.91	0.58	2.29	1.05	8504	1.62
ASS1128	47	7	40	13	30	2.18	0.76	0.99	0.83	4442	2.64
ASS1129	306	34	658	8	10	5.13	6.02	5.33	0.69	42612	1.15
ASS1130	236	28	512	15	10	6.02	4.70	4.52	0.90	29611	1.22
ASS1131	60	8	76	17	10	1.93	0.21	1.52	2.13	4099	2.09
ASS1132	116	14	174	24	10	3.85	0.88	2.65	0.86	13610	1.81
ASS1135	70	10	90	25	10	4.24	0.26	2.03	1.02	14095	3.45
ASS1136	52	12	96	11	10	3.55	4.82	3.01	0.95	11374	1.70
ASS1137	44	11	81	31	28	4.05	6.05	2.74	0.90	11941	1.46
ASS1138	56	10	150	11	10	2.23	0.38	2.75	1.04	5697	1.80
ASS1139	69	15	293	18	10	3.59	0.45	3.42	1.11	10997	1.61
ASS1141	71	12	280	15	10	2.78	0.64	3.11	0.97	7249	1.65
ASS1142	68	9	131	16	10	1.64	2.99	2.45	0.54	7065	1.16
ASS1143	48	13	175	18	10	1.13	0.08	2.93	0.72	2441	1.06
ASS1144	61	15	127	15	132	1.64	0.23	3.17	0.67	4356	0.37
ASS1145	75	16	256	13	401	4.25	0.78	3.53	0.74	12896	1.53
ASS1146	74	14	135	14	2034	4.96	1.54	3.43	0.84	12244	1.36
ASS1147	62	13	166	24	84	5.71	3.92	3.25	0.73	14420	0.33
ASS1148	34	9	115	11	43	2.00	0.30	2.10	0.80	3964	0.60
ASS1149	69	18	256	25	10	2.65	0.20	3.98	0.66	4313	0.51
ASS1151	82	21	205	27	10	5.17	1.10	4.80	1.06	16922	1.19
ASS1152	63	18	159	31	10	4.20	0.50	4.38	0.95	8181	0.43
ASS1153	57	15	222	26	90	3.63	0.42	3.57	0.93	8523	1.39
ASS1154	39	13	116	22	10	3.22	0.28	3.02	0.96	6169	1.61
ASS1155	641	35	750	75	10	2.22	0.09	6.12	0.32	8212	0.24
ASS1156	77	16	164	21	208	3.45	1.00	2.77	1.01	7747	1.21
ASS1157	99	29	234	33	10	3.21	1.74	4.89	0.82	10914	1.05
ASS1158	454	48	920	35	10	5.15	2.37	6.49	0.44	40409	0.36
ASS1159	68	24	231	39	46	3.31	0.40	4.43	0.91	8792	0.50
ASS1161	63	22	148	111	206	2.97	0.43	3.75	0.85	6291	0.41
ASS1162	54	18	184	30	153	2.87	0.36	3.12	0.89	7107	1.18
ASS1163	42	18	99	27	67	3.01	2.03	3.10	0.58	9716	1.10
ASS1164	61	26	222	36	30	2.50	0.28	3.94	0.98	6894	0.52



Sample ID	Ni_ppm	Co_ppm	Cr_ppm	Cu_ppm	S_ppm	Al_pct	Ca_pct	Fe_pct	K_pct	Mg_ppm	Na_pct
ASS1165	140	37	436	30	58	3.54	3.42	7.28	0.68	15887	1.14
ASS1166	68	21	239	38	77	3.60	0.86	4.50	1.03	9597	0.65
ASS1167	36	12	132	16	44	1.85	0.42	2.76	0.84	4546	0.58
ASS1168	52	14	196	26	10	3.46	0.50	3.30	0.80	5678	0.84
ASS1169	50	14	134	22	10	3.58	0.26	3.34	0.82	4948	0.46
ASS1170	42	10	115	14	10	4.76	0.24	2.34	1.08	3215	0.92
ASS1171	29	8	44	15	10	5.22	0.23	2.19	0.93	2730	2.05
ASS1172	46	8	109	17	10	5.49	0.27	1.96	1.69	3288	1.50
ASS1173	46	11	70	15	10	5.99	0.27	2.58	0.88	2827	0.70
ASS1174	56	13	150	25	10	4.71	2.61	3.35	0.78	4922	0.73
ASS1175	47	13	70	16	10	6.69	0.59	3.71	0.98	9130	1.37
ASS1176	35	10	101	17	10	4.93	0.45	2.33	0.80	4622	2.21
ASS1177	59	13	83	25	48	6.10	0.61	3.63	1.48	6995	1.48
ASS1178	457	31	524	17	10	8.05	1.49	5.05	0.61	47010	0.33
ASS1179	81	17	143	25	10	6.95	0.26	4.15	0.91	4161	0.42
ASS1181	88	13	147	23	123	5.77	0.38	3.81	0.67	4680	0.56
ASS1182	62	13	139	21	929	6.87	3.43	3.53	0.83	8787	0.71
ASS1183	51	11	88	21	38	5.44	0.63	2.97	0.74	3754	1.76
ASS1184	77	16	171	21	23	6.85	2.03	4.08	0.84	11947	0.99
ASS1185	53	11	97	15	10	6.60	3.79	3.17	0.85	10836	0.57
ASS1186	62	13	175	21	10	6.95	0.42	3.68	0.79	3790	0.28
ASS1187	55	11	105	16	10	6.30	0.42	3.00	0.77	4799	0.36
ASS1188	43	11	139	18	10	6.88	0.52	2.67	0.87	3875	1.18
ASS1189	49	9	104	15	10	6.68	0.34	2.58	0.82	3941	0.85
ASS1190	43	11	133	14	10	6.05	3.83	2.49	0.91	5225	1.02
ASS1191	58	11	105	16	10	7.06	0.41	3.34	0.79	4320	0.70
ASS1192	53	11	225	12	10	6.06	0.56	2.62	0.89	5387	0.64
ASS1193	762	47	909	44	10	4.47	1.78	6.18	0.58	40800	0.45
ASS1194	97	14	251	19	10	7.83	0.70	3.48	0.75	6866	1.26
ASS1195	969	54	833	84	10	1.86	7.47	6.52	0.34	40613	0.34
ASS1196	60	12	162	17	10	5.81	1.15	2.89	0.93	8003	1.66
ASS1197	60	13	140	8	10	4.14	0.83	2.01	0.94	7160	1.16
ASS1198	1457	81	1225	543	10	1.78	4.06	7.31	0.39	53693	0.15
ASS1199	82	12	146	25	10	5.38	3.02	2.17	0.90	11340	1.70
ASS1200	169	19	321	24	10	3.69	6.98	3.15	0.77	13309	0.83
ASS1201	112	17	176	15	10	5.22	6.27	3.03	0.70	11588	0.80
ASS1202	102	19	239	19	10	6.26	0.56	3.20	0.96	5318	0.80
ASS1203	129	21	213	18	10	4.71	7.79	3.68	0.59	12270	0.39
ASS1204	72	15	188	16	10	6.30	0.61	2.79	0.98	4203	1.24
ASS1205	65	14	142	14	10	7.31	0.41	2.96	1.05	4041	0.95
ASS1206	58	12	160	43	67	4.89	0.33	2.89	1.01	3040	0.65
ASS1207	43	9	71	17	10	5.40	7.33	2.67	0.81	3173	0.80
ASS1208	36	9	102	15	10	4.39	4.46	2.21	0.84	3316	1.17
ASS1209	54	12	107	18	10	6.71	0.42	3.12	0.98	1994	0.49
ASS1210	62	12	155	18	63	5.71	1.62	2.97	0.87	4760	0.77
ASS1211	50	10	104	14	10	1.81	0.11	2.20	0.86	3876	1.14
ASS1212	68	13	144	22	10	2.20	3.67	2.74	0.58	10042	0.93
ASS1213	70	12	121	15	10	1.72	0.18	2.64	1.27	4743	1.45
ASS1214	123	17	239	24	10	3.15	0.43	3.34	0.98	9761	0.93
ASS1215	239	31	229	30	10	4.20	0.66	6.10	0.73	32481	1.39
ASS1216	84	16	157	22	10	3.69	1.80	2.85	0.67	13696	1.79
ASS1217	109	14	134	15	10	5.33	2.46	2.51	0.63	16672	1.21
ASS1218	67	16	122	12	10	3.23	2.57	3.75	0.54	15014	2.24
ASS1219	45	13	59	37	10	5.10	3.78	2.48	0.84	14820	2.57
ASS1220	91	12	244	15	41	3.20	0.54	2.41	1.16	9661	2.18
ASS1221	1047	52	1569	2	10	5.75	0.70	5.24	0.17	90098	0.24
ASS1222	103	22	225	54	10	2.87	7.51	4.52	0.43	14451	1.57
ASS1223	85	10	126	7	10	0.80	0.72	1.74	0.12	783	1.43
ASS1224	62	9	138	13	10	3.41	0.41	1.78	0.87	10812	2.58
ASS1226	122	14	284	19	10	3.89	6.15	2.95	0.56	15468	0.59
ASS1227	48	9	92	12	10	2.43	0.20	1.85	0.66	4096	1.66
ASS1228	45	8	162	11	10	4.63	6.07	2.07	0.67	7353	1.17
ASS1229	41	13	83	15	10	7.53	5.93	3.28	0.73	13714	0.95
ASS1230	69	16	174	16	10	3.43	2.19	3.11	1.06	14561	1.50
ASS1231	78	15	139	18	10	2.09	0.16	3.19	0.66	4699	0.50
ASS1232	34	8	108	15	10	3.24	0.35	1.42	0.65	2617	2.32
ASS1233	51	13	76	14	10	6.21	3.80	2.92	1.06	8966	1.25
ASS1234	84	17	175	20	10	3.98	0.86	3.59	0.91	10378	1.31
ASS1236	76	15	118	28	10	2.47	0.10	3.63	0.76	2473	0.23
ASS1237	59	16	170	24	10	2.03	0.11	3.60	0.83	2837	0.39
ASS1238	28	9	56	13	10	3.20	1.02	1.30	0.83	5115	1.88
ASS1239	312	43	659	15	10	5.42	0.24	6.85	0.12	34974	0.13
ASS1240	127	22	292	16	10	4.06	0.51	3.56	0.87	11637	1.05
ASS1241	167	28	456	16	10	5.40	2.20	4.74	0.74	22360	1.01
ASS1242	86	18	202	15	10	2.05	1.90	2.89	0.52	12915	1.29
ASS1243	111	23	333	18	10	6.07	1.09	3.54	1.02	16713	1.15
ASS1244	37	10	75	12	10	2.89	0.24	2.06	1.14	2964	1.62
ASS1245	82	16	186	20	10	3.25	0.20	2.31	1.51	8431	1.33
ASS1246	498	43	462	15	10	4.18	1.35	5.00	0.46	26460	0.34
ASS1247	36	11	91	33	92	6.75	8.05	2.28	0.94	4172	1.49
ASS1248	34	9	75	13	10	1.00	0.10	1.93	0.97	2068	0.46
ASS1249	41	12	139	19	10	2.07	0.23	2.57	0.64	2322	0.31
ASS1250	39	13	85	19	10	2.19	0.10	2.87	0.73	2541	0.35



Sample ID	Ni_ppm	Co_ppm	Cr_ppm	Cu_ppm	S_ppm	Al_pct	Ca_pct	Fe_pct	K_pct	Mg_ppm	Na_pct
ASS1251	44	13	107	19	329	3.30	0.37	2.64	1.36	5688	1.57
ASS1252	67	19	106	41	83	3.36	0.38	4.11	0.97	9768	0.54
ASS1253	56	16	138	32	10	2.43	0.10	3.55	0.78	3202	0.37
ASS1254	59	16	84	26	28	3.00	1.93	3.79	0.68	6834	0.43
ASS1256	63	19	98	38	34	3.25	0.22	4.29	0.94	5645	0.46
ASS1257	60	16	124	27	10	2.31	0.36	3.42	0.81	7304	0.46
ASS1258	72	19	115	25	74	3.22	0.33	4.05	0.70	4344	0.56
ASS1259	55	12	128	28	10	2.55	0.10	3.47	0.76	2256	0.26
ASS1260	50	10	76	24	10	1.85	0.08	3.03	0.79	1902	0.28
ASS1261	48	13	131	20	10	3.05	0.14	3.08	0.70	2766	0.31
ASS1262	48	11	90	16	10	2.86	0.17	2.71	0.64	3690	0.40
ASS1263	52	12	160	16	10	3.18	0.18	2.65	0.80	3545	0.42
ASS1264	81	14	121	23	10	2.94	0.14	3.45	0.86	4554	0.42
ASS1265	808	50	692	111	10	5.52	1.24	7.29	0.18	54112	0.32
ASS1266	56	15	106	25	10	4.29	3.54	4.19	0.74	14716	1.15
ASS1267	87	31	129	56	20	5.96	8.16	6.93	0.97	16732	1.46
ASS1268	72	18	159	16	10	5.54	1.06	3.66	1.02	12910	0.97
ASS1269	51	15	124	24	10	6.48	6.32	3.71	0.73	18115	1.24
ASS1270	177	29	440	45	21	6.46	4.86	4.95	0.72	36659	0.24
ASS1271	50	14	182	16	10	4.28	0.66	2.97	0.90	10301	0.77
ASS1272	45	17	97	29	10	3.82	3.48	4.28	0.66	11216	0.84
ASS1273	70	19	120	28	10	3.78	0.34	4.68	0.84	7006	0.56
ASS1274	70	14	186	20	10	3.00	0.14	3.40	0.87	3252	0.32
ASS1275	66	13	106	17	10	0.97	0.06	2.70	0.19	2245	0.30
ASS1276	74	17	179	24	10	4.53	0.47	3.90	0.80	9838	0.78
ASS1277	49	10	82	18	10	3.16	0.20	2.67	0.78	3199	1.19
ASS1278	51	10	140	15	10	4.52	4.54	2.36	0.90	9156	1.69
ASS1279	39	10	149	11	10	2.85	0.46	2.18	0.76	5752	1.32
ASS1280	60	13	203	17	10	3.47	0.24	2.74	0.79	3318	0.41
ASS1281	61	16	137	15	10	4.13	0.27	3.00	0.88	5231	0.64
ASS1282	78	26	266	26	10	3.45	0.60	4.83	0.75	8782	0.43
ASS1283	128	17	294	8	10	5.72	1.21	2.88	1.07	22430	0.98
ASS1284	529	38	930	7	10	10.00	0.40	5.25	0.69	66300	0.37
ASS1285	113	17	255	12	10	4.05	0.27	2.86	0.91	11840	0.53
ASS1286	31	8	133	8	10	6.37	1.34	0.81	0.85	6381	2.35
ASS1287	65	15	159	15	10	4.18	1.96	2.89	0.83	10380	0.88
ASS1288	41	12	107	18	59	5.81	4.27	2.47	0.64	11880	1.75
ASS1289	53	10	100	10	27	5.63	7.12	2.49	0.62	10340	1.36
ASS1290	1127	59	889	55	10	5.43	2.04	6.86	0.38	67350	0.58
ASS1291	646	55	1047	100	10	2.22	1.41	9.07	0.34	32820	0.51
ASS1292	755	50	760	50	41	3.66	1.47	6.60	0.36	41540	0.55
ASS1293	230	27	264	27	29	2.45	0.62	4.94	0.55	20457	1.34
ASS1294	93	18	146	18	46	2.61	1.45	3.53	0.76	13658	1.53
ASS1295	70	14	119	15	31	3.21	0.31	3.04	1.00	9797	1.03
ASS1296	64	11	155	17	27	2.68	0.93	2.21	0.66	6376	0.38
ASS1297	66	11	137	19	44	3.11	2.50	2.65	0.70	9355	0.40
ASS1298	87	14	232	19	49	4.02	4.09	3.05	0.60	10675	0.29
ASS1299	45	9	79	17	20	2.56	0.15	2.30	0.95	2559	0.99
ASS1301	54	9	99	17	30	3.23	2.09	2.13	0.97	4064	1.00
ASS1302	43	8	116	21	10	1.91	0.12	2.10	1.22	3082	1.69
ASS1303	42	10	80	20	24	3.76	2.11	2.62	0.98	5480	0.79
ASS1304	46	7	92	18	21	3.22	0.24	2.72	1.05	4337	0.71
ASS1305	64	17	138	54	24	3.55	0.36	4.20	0.78	13284	1.28
ASS1306	67	13	151	22	25	4.21	1.82	3.40	0.89	16812	0.82
ASS1307	87	13	156	19	33	3.37	0.31	3.42	0.95	7634	0.61
ASS1308	150	13	234	13	85	15.77	4.96	3.03	1.88	28197	0.64
ASS1309	148	21	182	20	71	10.37	5.95	4.70	0.80	34404	1.42
ASS1311	173	25	458	29	57	4.15	4.58	4.03	0.82	39653	0.48
ASS1312	36	5	58	11	26	7.73	0.61	1.54	1.07	4116	3.19
ASS1313	219	21	376	30	36	5.96	0.50	3.79	0.92	25980	0.73
ASS1314	94	16	148	19	63	9.70	3.03	3.37	0.84	18822	0.73
ASS1315	200	16	304	32	30	11.53	0.83	3.67	1.05	18745	1.53
ASS1316	71	8	129	14	10	3.47	0.15	2.89	0.83	4652	2.05
ASS1317	71	12	167	21	10	3.75	0.25	3.40	0.93	9919	1.47
ASS1318	72	12	140	22	24	3.50	0.37	3.20	0.79	8998	0.56
ASS1319	81	14	206	21	25	4.22	0.30	3.31	1.01	7799	0.63
ASS1320	61	8	140	14	10	3.66	0.33	2.79	1.11	6327	1.28
ASS1321	71	11	235	16	10	3.94	0.28	2.60	1.05	7683	0.95
ASS1322	52	7	107	13	10	4.38	0.20	2.18	1.54	5018	1.41
ASS1323	72	10	199	19	10	4.04	0.23	2.68	1.19	5848	0.71
ASS1324	75	11	167	16	43	4.95	3.69	2.61	0.81	8882	0.67
ASS1325	103	13	248	20	10	3.38	0.32	3.06	0.85	6044	0.43
ASS1326	568	43	771	43	43	3.52	1.41	5.28	0.28	46335	0.29
ASS1327	82	12	184	21	10	3.67	0.21	3.11	1.19	6803	0.41
ASS1328	56	14	119	22	34	5.51	0.54	3.72	0.96	7419	0.62
ASS1329	34	12	119	19	70	4.72	5.20	2.75	0.63	10455	0.95
ASS1331	22	7	106	11	24	4.90	7.10	1.54	0.73	6027	1.48
ASS1332	68	31	154	30	85	17.50	4.26	6.89	0.92	36825	1.20
ASS1333	44	14	161	19	27	4.03	1.37	2.99	0.93	12921	1.13
ASS1334	64	21	181	22	77	4.47	4.73	4.71	0.65	19488	1.21
ASS1335	47	13	254	13	31	2.47	0.77	2.59	0.91	10516	0.96
ASS1336	34	9	145	19	10	1.53	0.15	2.06	1.20	4433	1.30
ASS1337	45	10	88	16	30	1.23	0.11	2.37	0.41	2955	0.39





Sample ID	Ni_ppm	Co_ppm	Cr_ppm	Cu_ppm	S_ppm	Al_pct	Ca_pct	Fe_pct	K_pct	Mg_ppm	Na_pct
ASS1338	44	11	153	19	23	1.27	0.07	2.51	0.47	2712	0.55
ASS1339	39	11	90	17	10	1.45	0.07	2.84	0.72	2401	0.28
ASS1340	56	14	161	23	61	1.42	0.12	3.07	0.48	3469	0.35
ASS1341	88	17	194	28	160	1.46	0.16	4.08	0.49	4431	0.42
ASS1342	750	41	1255	17	80	6.87	0.95	6.90	0.41	85069	0.16
ASS1343	41	10	80	14	26	1.64	0.12	2.82	0.84	3526	0.49
ASS1344	27	10	120	12	10	1.33	0.09	2.98	0.78	2758	1.34
ASS1345	46	12	87	20	32	1.27	0.11	3.17	1.03	4566	0.65
ASS1346	56	14	167	25	28	2.31	0.11	3.52	0.91	3302	0.44
ASS1347	88	17	145	29	64	1.42	0.14	4.06	0.83	4037	0.40
ASS1348	52	14	159	24	30	1.91	0.10	3.34	0.87	2306	0.33
ASS1349	83	17	135	31	23	1.44	0.09	4.04	0.83	2908	0.42
ASS1350	494	28	317	32	51	3.10	1.04	5.12	0.35	30701	0.28
ASS1351	46	8	82	14	28	1.54	0.13	2.23	0.69	3640	1.31
ASS1352	108	15	261	19	43	2.46	1.46	2.62	0.58	9542	0.84
ASS1353	64	17	157	36	75	4.39	3.47	3.40	0.82	11247	0.79
ASS1354	34	11	123	24	57	1.95	4.87	2.36	0.42	5022	1.17
ASS1355	50	18	78	22	10	4.53	5.21	3.91	0.76	10446	1.05
ASS1356	72	16	106	16	10	3.32	6.09	3.31	0.73	10120	1.73
ASS1357	32	12	64	17	10	3.70	0.75	3.01	0.83	2809	0.65
ASS1358	39	14	120	20	10	4.71	0.45	3.40	0.75	2399	0.43
ASS1359	42	14	77	22	10	4.34	0.24	3.75	0.75	1974	0.37
ASS1360	49	16	126	26	10	3.56	0.74	3.66	0.70	4164	0.36
ASS1361	44	13	74	23	132	3.57	2.76	3.41	0.70	7722	0.45
ASS1362	44	14	122	22	10	3.75	0.29	3.48	0.74	1957	0.29
ASS1363	73	12	84	13	81	4.23	0.23	2.74	0.90	11208	1.56
ASS1364	53	9	206	18	10	3.98	0.82	1.63	1.00	4515	2.41
ASS1365	83	19	198	29	10	7.61	0.34	4.40	0.93	5031	0.50
ASS1366	77	20	253	38	27	10.82	0.45	5.24	1.00	5104	0.38
ASS1367	59	16	168	28	10	4.76	0.14	4.21	0.93	2400	0.30
ASS1368	56	14	223	26	51	4.93	0.32	3.69	0.94	4161	0.43
ASS1369	37	11	118	18	100	4.03	0.20	2.99	0.86	3389	0.48
ASS1370	25	7	250	12	55	3.35	0.16	1.85	0.75	1593	0.39
ASS1371	28	8	104	13	282	3.85	0.20	2.43	0.81	2560	0.43
ASS1372	39	9	211	23	10	5.15	0.09	3.21	0.88	1521	0.22
ASS1373	31	9	98	19	10	4.23	0.09	2.89	0.88	1495	0.21
ASS1374	226	33	739	41	10	8.54	3.94	5.54	1.13	46724	0.21
ASS1376	418	35	266	14	10	9.47	0.49	6.14	0.63	39550	0.17
ASS1377	48	11	141	12	22	4.75	0.29	3.09	0.88	9679	0.56
ASS1378	54	15	104	45	10	9.87	1.85	4.30	1.13	18263	2.15
ASS1379	71	13	137	33	10	6.18	0.35	3.92	0.79	4215	1.72
ASS1380	187	21	498	26	10	10.41	1.23	4.88	0.77	22073	0.55
ASS1381	73	14	149	27	10	7.95	0.14	4.11	0.85	2372	0.24
ASS1382	62	15	170	20	10	4.49	0.13	2.94	0.72	2234	0.18
ASS1383	17	4	47	7	10	5.02	1.45	0.86	0.38	1013	2.35
ASS1384	28	10	138	12	10	4.90	1.16	1.87	0.55	2764	2.01
ASS1386	33	16	79	19	41	7.91	5.23	3.24	0.89	11312	1.32
ASS1387	48	21	179	15	10	3.00	2.15	3.31	0.76	10290	1.28
ASS1388	21	10	56	9	10	5.89	1.06	1.72	0.86	5190	1.92
ASS1389	58	26	172	27	10	7.03	5.02	4.43	0.90	17913	1.53
ASS1390	26	17	77	17	34	6.06	8.92	3.06	0.85	10878	0.82
ASS1391	36	12	123	32	37	4.74	3.78	2.79	0.96	9121	1.82
ASS1392	152	20	299	23	10	10.39	2.13	4.59	1.10	22330	1.69
ASS1393	101	17	278	29	10	6.60	0.30	4.25	0.86	3388	0.38
ASS1394	198	22	403	23	10	4.57	5.17	4.19	0.79	21350	0.49
ASS1395	168	16	449	23	10	5.39	0.42	3.68	0.78	8694	0.45
ASS1396	117	19	251	20	10	4.84	7.83	4.16	0.79	18158	1.26
ASS1397	226	23	345	25	10	3.38	0.57	3.98	1.29	14535	0.74
ASS1398	73	22	217	19	10	2.08	0.70	4.35	0.82	8318	0.85
ASS1399	307	35	571	47	10	3.41	2.35	6.89	0.31	18788	0.51
ASS1400	96	16	168	15	10	2.45	0.64	3.33	0.92	9638	0.90
ASS1401	132	21	329	26	41	3.38	0.69	4.37	0.88	10778	0.80
ASS1402	147	23	241	27	10	3.58	0.61	4.89	0.83	13223	0.82
ASS1403	36	7	40	10	10	5.07	1.46	1.52	0.76	3602	2.62
ASS1404	49	9	133	17	10	3.20	0.86	1.82	1.62	5523	2.28
ASS1406	557	39	779	37	10	4.08	7.39	5.72	0.55	42776	0.41
ASS1407	43	7	109	29	10	2.77	5.94	1.62	0.98	8484	2.02
ASS1408	72	9	260	20	10	2.52	0.32	2.32	0.40	5122	0.19
ASS1409	72	12	120	17	10	3.40	6.46	2.81	0.54	10337	0.84
ASS1410	74	12	225	18	10	3.39	0.69	2.50	0.85	8081	1.73
ASS1411	89	12	235	20	10	3.06	0.19	3.20	0.61	3218	0.31
ASS1412	284	23	515	4	10	4.08	5.14	3.76	0.75	41919	0.19
ASS1413	69	10	177	10	10	4.27	4.66	2.51	0.52	18037	2.33
ASS1414	27	12	70	12	10	2.20	3.28	2.41	0.96	13860	2.29
ASS1415	108	13	332	14	10	3.17	3.80	3.07	0.70	12505	0.86
ASS1416	18	4	66	13	10	3.54	10.06	1.26	0.48	1470	2.62
ASS1417	53	10	171	20	10	2.76	1.38	2.73	0.94	4643	1.08
ASS1418	44	6	180	23	10	2.75	0.14	2.21	1.75	1589	1.27
ASS1419	67	11	159	21	10	2.30	0.09	3.14	0.74	2204	0.29
ASS1420	30	9	103	20	10	4.57	6.65	2.62	0.95	7347	1.55
ASS1421	26	11	73	6	10	5.65	9.02	3.21	1.06	10378	1.16
ASS1422	56	13	166	14	10	8.27	4.89	3.22	1.17	12962	0.82
ASS1423	25	7	64	12	10	2.98	4.66	1.25	0.88	4583	2.57



Sample ID	Ni_ppm	Co_ppm	Cr_ppm	Cu_ppm	S_ppm	Al_pct	Ca_pct	Fe_pct	K_pct	Mg_ppm	Na_pct
ASS1424	58	11	81	10	10	7.10	8.55	2.31	1.06	13103	1.33
ASS1425	54	11	173	17	10	2.12	0.14	2.53	0.62	3723	0.43
ASS1426	108	17	374	12	10	5.35	0.70	2.93	1.03	21983	1.19
ASS1427	51	10	104	14	10	2.83	0.05	2.47	0.57	1828	0.22
ASS1428	26	11	119	13	10	2.85	0.42	2.08	1.35	7256	1.55
ASS1429	214	47	526	101	10	4.42	8.22	5.87	0.45	31403	0.90
ASS1430	59	17	170	19	10	3.62	0.37	2.83	1.07	15848	2.11
ASS1431	1607	111	2349	41	10	4.56	2.74	10.20	0.22	75600	0.17
ASS1432	122	24	318	35	41	7.88	3.81	4.85	1.15	24173	1.67
ASS1433	65	13	180	21	41	2.58	8.40	2.89	0.56	10005	0.94
ASS1434	553	43	774	36	10	2.86	1.29	6.15	0.38	27608	0.45
ASS1435	58	13	116	21	10	1.86	1.24	2.56	0.76	8483	1.70
ASS1436	71	12	196	15	10	3.20	4.23	2.25	0.77	10478	1.94
ASS1437	1808	85	1100	90	10	2.39	2.94	8.30	0.21	69300	0.18
ASS1438	1145	55	370	60	10	2.81	4.54	5.34	0.46	50589	0.38
ASS1439	501	30	360	14	10	2.10	2.81	4.43	0.44	26348	0.48
ASS1440	190	19	423	26	10	2.78	0.25	3.52	0.75	8003	0.31
ASS1441	69	10	128	18	10	3.41	3.68	2.67	1.24	13493	0.81
ASS1442	1513	84	1339	75	10	3.44	1.54	8.77	0.41	59788	0.31
ASS1443	49	9	71	11	10	3.02	0.95	1.65	0.77	4609	2.36
ASS1444	92	23	109	24	10	3.45	3.27	4.84	0.71	13921	1.97
ASS1445	48	15	77	18	10	4.11	4.44	3.08	0.66	11958	1.26
ASS1446	33	4	122	13	10	4.93	0.44	1.29	2.70	1539	1.71
ASS1447	55	14	127	16	10	3.77	1.15	3.26	0.88	9563	1.21
ASS1448	61	20	160	31	10	3.68	2.13	5.17	1.09	11500	1.02
ASS1449	60	22	94	31	10	3.92	5.39	5.37	0.81	12775	1.37
ASS1451	59	13	119	18	10	3.79	1.41	3.28	0.71	6450	0.75
ASS1452	258	24	365	35	10	3.41	0.11	4.75	0.65	3224	0.20
ASS1453	66	14	95	14	10	4.36	1.64	3.07	1.15	8852	1.94
ASS1454	35	12	90	32	10	5.46	5.44	3.86	0.79	9056	1.46
ASS1455	33	6	49	16	10	5.03	0.74	2.51	0.61	6684	3.16
ASS1456	408	16	679	11	10	4.08	0.55	7.05	0.33	34460	1.06
ASS1457	33	8	47	13	10	2.98	0.31	3.10	0.78	2017	1.61
ASS1458	29	6	90	13	10	2.22	0.33	1.25	0.91	1005	2.88
ASS1459	28	7	38	18	10	3.74	0.51	1.50	0.73	736	2.92
ASS1461	25	7	105	47	10	3.63	0.34	2.70	0.55	2412	2.52
ASS1462	70	21	124	35	265	3.85	0.13	4.91	1.16	4690	0.77
ASS1463	29	8	84	15	10	5.21	0.55	2.17	1.13	5490	3.42
ASS1464	39	12	90	16	10	1.99	0.10	2.67	0.76	1868	0.20
ASS1465	44	16	154	20	24	2.69	0.25	3.11	0.94	4365	0.37
ASS1466	43	18	106	18	10	3.65	5.41	3.63	0.67	22008	0.38
ASS1467	37	10	96	16	58	5.31	6.49	2.80	0.67	24104	0.28
ASS1468	62	16	132	25	10	4.18	0.30	3.95	0.76	3007	0.27
ASS1469	142	30	412	23	10	3.41	4.98	4.90	0.50	23681	0.42
ASS1470	52	13	106	19	10	3.61	4.73	2.92	0.74	8043	0.45
ASS1471	34	13	153	14	10	1.46	0.16	1.89	0.98	3751	1.32
ASS1472	27	9	54	14	10	2.05	0.31	1.44	0.73	846	1.71
ASS1473	57	22	169	39	39	3.45	2.67	5.09	0.85	15295	1.03
ASS1474	42	9	105	17	10	1.74	0.18	2.25	0.73	3647	1.42
ASS1475	26	7	120	17	10	2.85	0.35	1.74	1.58	1756	1.77
ASS1476	35	10	70	22	10	3.00	0.29	3.04	0.82	2939	1.42
ASS1477	27	11	88	19	10	3.97	11.11	3.01	0.60	6878	0.71
ASS1478	77	20	136	33	10	3.76	0.26	4.69	0.73	4024	0.34
ASS1479	40	12	127	23	10	1.70	0.19	2.79	1.18	3643	1.00
ASS1481	47	14	127	27	10	3.01	0.19	3.72	0.71	3159	0.37
ASS1482	48	17	74	28	10	2.89	0.68	3.87	0.70	6534	0.75
ASS1483	65	17	162	26	10	3.22	0.53	3.27	0.87	9890	1.50
ASS1484	118	31	229	42	56	2.59	2.29	6.24	0.62	16660	0.62
ASS1485	58	15	131	26	10	2.80	0.07	3.61	0.65	1431	0.15
ASS1486	52	15	89	26	10	3.22	0.09	3.77	0.73	1551	0.13
ASS1487	64	16	330	30	10	4.20	0.10	3.69	0.57	1647	0.09
ASS1488	68	18	198	23	10	6.91	10.06	3.95	0.59	24525	0.21
ASS1489	52	17	267	23	10	4.96	0.75	3.86	0.75	6060	0.31
ASS1490	66	17	156	23	10	3.98	0.17	4.11	0.75	3674	0.12
ASS1491	43	12	259	21	24	3.29	0.21	3.05	0.86	4825	0.48
ASS1492	38	11	122	18	68	3.74	0.18	3.00	0.87	5570	0.61
ASS1493	65	21	297	52	10	2.65	0.24	4.86	0.77	3942	0.29
ASS1494	50	13	154	19	10	3.39	0.08	3.70	0.70	1797	0.11
ASS1495	34	10	192	16	10	3.96	0.14	2.49	0.77	2204	0.34
ASS1496	28	6	72	13	10	4.28	0.42	1.83	0.84	1680	2.43
ASS1497	19	5	158	15	10	4.65	0.48	2.19	0.84	6716	2.75
ASS1498	32	8	80	9	10	4.50	1.94	2.49	0.89	19825	1.28
ASS1499	99	13	211	21	10	4.23	0.28	3.61	0.71	10709	0.51
ASS1500	159	24	534	29	10	4.63	2.63	5.39	0.52	30180	1.11
ASS1501	463	23	546	21	10	4.59	1.56	5.09	0.42	40763	0.51
ASS1502	65	25	103	95	10	3.70	2.70	6.80	0.46	26059	1.67
ASS1503	46	8	73	28	10	3.24	0.70	1.68	0.38	3630	2.26
ASS1504	63	13	250	25	10	3.84	0.23	3.37	0.83	4852	0.38
ASS1505	36	12	76	14	10	4.56	2.73	2.35	0.59	6074	1.01
ASS1506	56	13	225	13	10	3.23	0.45	2.41	0.81	6185	0.67
ASS1507	72	11	116	9	10	4.69	0.75	1.81	1.05	6406	1.72
ASS1508	1479	85	1121	71	48	2.81	6.31	7.97	0.29	88500	0.42
ASS1509	30	23	69	29	10	4.89	5.08	4.60	0.43	30140	1.25



Sample ID	Ni_ppm	Co_ppm	Cr_ppm	Cu_ppm	S_ppm	Al_pct	Ca_pct	Fe_pct	K_pct	Mg_ppm	Na_pct
ASS1510	63	29	77	9	10	6.79	5.34	5.01	0.78	29180	1.50
ASS1511	33	10	52	25	10	4.01	1.35	1.69	0.73	9246	2.18
ASS1512	68	18	191	20	10	5.36	0.28	3.59	0.84	5055	0.30
ASS1513	58	14	126	18	10	3.53	0.06	3.18	0.68	2269	0.14
ASS1514	80	15	238	22	10	6.08	0.10	3.74	0.77	3114	0.17
ASS1515	58	13	129	16	10	3.76	0.12	2.83	0.80	4025	0.33
ASS1516	66	12	220	18	10	3.74	0.18	2.80	0.86	4237	0.56
ASS1517	84	14	192	18	10	4.81	0.19	3.15	0.89	7076	0.44
ASS1518	74	13	248	15	10	3.16	0.17	2.27	0.67	5446	0.37
ASS1519	118	20	197	21	80	3.41	6.49	3.64	0.83	11430	0.80
ASS1520	62	16	224	23	10	1.27	0.09	3.09	1.04	4613	0.44
ASS1521	62	8	117	13	10	0.51	0.07	2.04	0.25	2535	0.13
ASS1522	83	29	191	105	63	2.29	0.41	5.29	0.56	9341	0.31
ASS1523	237	53	269	89	26	3.55	0.07	9.15	0.34	64220	0.02
ASS1524	378	59	779	34	52	6.03	0.08	10.50	0.11	57090	0.06
ASS1526	52	16	179	18	10	1.63	0.09	2.91	0.94	5914	0.74
ASS1527	279	26	554	13	33	6.86	0.21	5.01	0.48	35780	1.25
ASS1528	76	18	146	14	10	4.59	0.13	4.28	1.19	17070	1.46
ASS1529	534	54	553	30	46	9.80	4.83	8.78	0.27	96386	0.17
ASS1530	52	13	131	29	10	3.66	0.21	3.38	1.54	14020	1.06
ASS1531	47	10	88	21	10	2.22	0.04	3.48	0.83	2538	0.28
ASS1532	38	10	225	18	10	1.53	0.07	2.38	1.14	3741	0.49
ASS1533	37	13	81	20	10	1.75	0.08	2.97	0.91	3089	0.44
ASS1534	48	13	140	19	10	0.96	0.03	2.64	0.61	2171	0.28
ASS1536	63	11	155	25	10	2.96	0.16	2.95	1.05	6777	2.11
ASS1537	63	25	161	64	48	2.56	1.83	5.67	0.58	13029	1.26
ASS1538	38	20	114	31	81	3.41	7.05	4.51	0.36	8376	0.67
ASS1539	33	8	136	17	10	2.78	1.04	1.06	0.56	4019	2.51
ASS1540	50	15	152	20	55	3.00	6.16	3.61	0.45	7719	0.99
ASS1541	56	13	245	23	36	3.05	0.92	2.81	0.63	5756	0.44
ASS1542	82	15	272	25	10	2.24	0.09	3.94	0.80	3881	0.31
ASS1543	65	14	222	21	10	2.56	0.18	2.88	0.85	4193	0.40
ASS1544	52	11	95	23	10	1.26	0.09	4.43	0.59	4591	1.10
ASS1545	76	11	185	27	10	1.47	0.07	3.06	0.98	4139	1.53
ASS1546	75	16	238	22	10	1.78	0.11	3.42	0.58	5252	0.40
ASS1547	15	7	41	41	41	3.83	4.39	2.03	0.55	12140	2.23
ASS1548	16	5	129	19	10	3.88	0.59	0.87	0.66	1655	3.54
ASS1549	114	28	193	72	51	6.46	2.40	7.15	0.69	37290	1.39
ASS1550	40	8	164	17	10	1.75	0.12	2.65	0.67	7343	1.09
ASS1551	31	10	71	17	10	3.62	0.26	3.47	1.26	13750	0.98
ASS1552	92	12	249	20	10	1.84	0.04	2.81	1.17	3947	1.01
ASS1553	54	13	88	20	10	2.85	0.19	2.90	1.17	5199	1.09
ASS1554	38	8	175	14	10	1.06	0.07	1.71	0.40	2519	1.32
ASS1556	51	10	162	19	10	2.30	0.20	2.24	0.72	3319	1.22
ASS1557	36	13	64	18	24	3.77	1.33	2.78	0.57	11330	2.33
ASS1558	75	21	156	29	86	5.02	8.84	4.63	0.84	14740	1.18
ASS1559	62	10	131	18	10	3.09	1.65	3.53	0.87	7100	0.69
ASS1560	38	11	103	19	10	3.43	3.39	3.38	0.68	9296	1.23
ASS1561	227	29	449	25	72	4.17	5.92	4.80	0.61	35074	0.46
ASS1562	68	40	69	76	49	2.85	5.55	7.71	0.72	14692	1.44
ASS1563	68	32	153	32	62	3.04	3.09	6.85	0.96	16001	1.17
ASS1564	44	20	79	48	72	3.84	4.75	4.50	0.64	12662	1.44
ASS1565	380	47	580	7	65	2.92	6.33	7.37	0.43	41637	0.32
ASS1566	82	21	79	23	47	4.09	4.46	4.82	0.55	29954	0.74
ASS1567	47	12	92	15	112	5.63	10.41	2.76	1.95	21727	0.53
ASS1568	193	47	322	16	54	7.34	0.23	8.49	0.46	53257	0.14
ASS1569	50	15	118	14	10	5.94	0.17	3.76	0.95	26433	2.48
ASS1570	237	38	468	19	62	6.14	0.32	7.71	0.76	55176	0.23
ASS1571	283	39	554	24	46	11.81	0.21	7.70	0.77	51420	0.12
ASS1572	66	10	105	20	10	3.25	0.07	3.08	1.30	3399	0.58
ASS1573	61	13	141	21	10	3.90	0.08	3.33	0.91	11766	2.02
ASS1574	56	11	112	22	22	2.97	2.56	2.84	0.91	5907	0.38
ASS1575	326	18	265	21	46	9.73	0.17	4.60	0.74	29710	0.14
ASS1576	39	23	45	31	31	5.89	0.37	5.36	0.54	33445	1.43
ASS1577	68	10	187	22	10	2.60	0.05	2.97	0.69	2404	0.20
ASS1578	149	14	74	51	46	6.64	4.85	4.30	0.47	22690	1.09
ASS1579	60	13	122	27	10	2.71	0.13	4.65	0.76	3177	0.99
ASS1580	29	3	31	14	10	1.71	0.52	0.72	1.33	479	2.98
ASS1581	39	8	48	16	22	5.09	0.37	2.40	0.66	2129	1.11
ASS1582	36	8	69	15	32	4.62	0.29	2.70	0.90	8006	2.16
ASS1583	574	33	302	51	48	3.72	1.25	4.56	0.36	36705	0.25
ASS1584	59	11	115	22	29	4.90	0.09	3.08	0.71	1973	0.20
ASS1585	97	17	110	33	21	5.97	0.05	4.86	0.65	1354	0.13
ASS1586	166	27	76	14	50	7.88	0.16	8.21	0.16	52296	0.04
ASS1587	53	11	79	19	31	5.73	0.09	3.06	0.61	1542	0.12
ASS1588	633	35	268	53	49	6.41	0.41	5.03	0.49	33996	0.14
ASS1589	61	12	87	20	29	5.64	0.07	3.32	0.66	1587	0.11
ASS1590	42	8	156	16	10	3.48	0.05	2.79	0.67	1124	0.14
ASS1591	52	14	111	22	34	4.99	0.15	4.22	0.67	7890	0.26
ASS1592	71	14	163	27	45	6.24	0.09	4.30	0.41	24034	0.11
ASS1593	52	10	74	16	10	3.39	0.13	3.04	0.82	6692	2.72
ASS1594	45	13	139	17	31	5.37	0.09	3.91	0.92	8298	0.82
ASS1595	142	22	251	21	32	3.25	1.28	4.83	0.44	21071	0.26



Sample ID	Ni_ppm	Co_ppm	Cr_ppm	Cu_ppm	S_ppm	Al_pct	Ca_pct	Fe_pct	K_pct	Mg_ppm	Na_pct
ASS1596	24	6	114	19	20	4.46	0.11	1.99	0.87	2574	3.21
ASS1597	32	7	49	10	22	4.59	0.10	2.07	0.71	2621	2.81
ASS1598	27	8	105	15	36	5.43	1.97	2.71	0.87	4792	1.28
ASS1599	26	7	52	13	22	5.81	0.10	2.67	1.01	2403	1.58
ASS1601	1047	61	687	117	55	4.54	1.17	7.03	0.33	36397	0.21
ASS1602	75	17	155	36	35	7.63	0.10	4.82	0.93	1599	0.11
ASS1603	42	12	97	20	37	5.24	0.05	3.49	1.03	1447	0.16
ASS1604	28	6	159	16	39	4.95	0.13	2.37	1.00	1555	0.27
ASS1605	34	8	54	17	332	5.23	3.59	2.70	0.95	12545	0.73
ASS1606	41	9	155	21	41	5.69	0.16	2.95	0.95	1914	0.28
ASS1607	59	9	101	26	21	8.28	0.09	3.76	2.37	1311	0.21
ASS1608	422	56	758	33	47	5.85	0.20	8.47	0.37	29141	0.12
ASS1609	38	15	84	24	66	3.92	6.99	2.95	0.70	7476	0.35
ASS1611	48	27	124	43	47	4.69	3.87	5.41	0.44	26012	0.25
ASS1612	44	14	98	24	29	7.23	0.27	3.74	0.70	2022	0.13
ASS1613	37	14	123	19	57	6.37	1.82	3.15	0.90	11340	0.77
ASS1614	34	11	87	21	27	4.57	2.64	2.95	0.69	3913	0.34
ASS1615	45	13	179	25	37	8.52	0.23	3.44	0.82	2491	0.26
ASS1616	54	14	108	24	36	7.93	0.08	3.79	0.67	1509	0.07
ASS1617	38	11	158	22	54	5.53	0.76	2.96	0.76	3695	0.17
ASS1618	58	15	136	32	41	8.65	0.15	4.14	0.76	2323	0.14
ASS1619	53	14	173	31	33	7.23	0.09	3.73	0.75	1704	0.17
ASS1620	52	15	123	28	10	3.09	0.05	3.76	0.74	1233	0.09
ASS1621	50	13	176	24	46	6.51	1.51	3.16	0.87	6641	0.22
ASS1622	45	18	63	25	73	6.64	5.69	3.99	0.55	30009	0.23
ASS1623	58	12	161	26	21	6.72	0.15	3.49	0.82	2560	0.14
ASS1624	62	12	98	25	41	10.95	0.09	3.76	0.82	2899	0.18
ASS1625	51	11	118	28	23	6.38	0.16	3.07	0.89	4611	1.16
ASS1626	53	14	80	29	24	9.26	0.13	3.92	0.79	3219	0.32
ASS1627	51	13	146	27	27	8.57	0.09	3.65	0.79	2398	0.19
ASS1628	48	12	77	23	29	9.30	0.20	3.60	0.72	2718	0.19
ASS1629	56	12	86	27	10	5.08	0.08	3.41	0.80	1450	0.14
ASS1631	39	10	82	23	29	5.76	4.91	3.26	0.78	3376	0.24
ASS1632	36	10	110	21	58	10.18	5.42	3.03	0.74	4826	0.26
ASS1633	56	12	83	28	29	11.65	0.13	4.37	0.68	1766	0.07
ASS1634	23	5	73	15	21	5.96	3.20	1.21	0.69	11875	3.53
ASS1635	38	8	72	23	28	5.84	0.41	3.16	0.96	4275	0.93
ASS1636	71	12	178	39	23	5.72	0.15	4.27	0.95	3709	0.51
ASS1637	45	10	101	22	43	10.11	0.22	3.49	0.96	3154	0.56
ASS1638	97	12	158	32	24	7.91	0.71	3.81	0.98	5572	0.69
ASS1639	130	13	188	19	29	7.00	0.62	3.10	1.28	12388	0.98
ASS1640	99	12	268	26	24	6.88	0.33	2.96	1.03	7769	0.63
ASS1641	77	10	144	23	10	5.73	0.17	2.93	0.83	6666	0.59
ASS1642	77	12	229	23	27	6.20	0.15	2.80	0.79	4140	0.44
ASS1643	62	10	127	18	41	10.91	5.18	2.62	0.78	6665	0.41
ASS1644	90	12	219	26	29	8.16	1.83	2.88	0.93	5466	0.85
ASS1645	37	8	60	15	162	10.10	6.73	2.50	0.72	30418	0.40
ASS1646	34	5	205	11	37	6.64	0.83	2.00	0.85	5864	0.43
ASS1647	77	12	174	25	27	9.57	0.11	4.04	0.89	2674	0.22
ASS1648	81	11	194	26	10	7.58	0.36	3.18	1.05	7072	1.41
ASS1649	46	10	63	18	69	7.66	4.65	2.18	0.96	8798	2.04
ASS1650	42	17	133	21	70	5.26	9.89	3.76	0.52	11385	0.37
ASS1651	31	19	73	42	90	5.73	11.14	3.82	0.58	7130	0.43
ASS1652	83	15	268	23	83	4.21	11.26	2.35	0.42	7738	0.20
ASS1653	23	11	56	9	86	7.40	7.01	2.66	0.74	11453	1.44
ASS1654	26	10	140	9	119	4.47	12.03	1.83	0.49	6250	0.48
ASS1655	51	13	131	13	72	4.33	8.86	2.81	0.49	11483	0.43
ASS1656	38	11	126	16	29	7.26	0.60	2.66	0.89	7454	1.50
ASS1657	50	13	119	22	25	6.99	0.19	3.32	0.84	3011	0.52
ASS1658	39	11	129	20	40	5.10	1.11	2.22	0.85	5516	1.45
ASS1659	32	12	78	12	75	6.24	9.49	2.13	0.60	7139	0.51
ASS1660	53	18	143	18	74	6.03	7.61	3.17	0.62	8430	0.43
ASS1661	25	9	51	40	34	4.68	0.62	1.35	0.62	4154	3.25
ASS1662	28	8	121	11	62	9.12	9.24	2.03	0.71	4318	0.30
ASS1663	62	12	141	15	38	2.05	0.59	2.51	0.80	5300	0.39
ASS1664	44	10	112	20	21	3.05	0.27	2.42	1.09	3831	2.16
ASS1665	30	7	63	10	47	2.84	2.77	1.99	0.84	3196	0.42
ASS1666	34	8	135	13	37	3.34	0.14	2.18	0.89	1545	0.31
ASS1667	140	16	180	17	31	3.20	0.11	3.21	0.87	4363	0.22
ASS1668	50	13	133	24	31	4.51	0.25	3.40	0.96	2165	0.28
ASS1669	35	10	61	22	29	3.25	0.39	2.58	0.90	3176	1.24
ASS1670	57	15	125	30	101	3.26	0.48	3.47	1.03	5357	0.36
ASS1671	118	15	120	18	102	3.54	2.06	2.71	1.02	11906	1.52
ASS1672	30	7	156	15	55	3.54	0.16	1.96	0.93	1633	0.43
ASS1673	36	12	88	17	42	3.70	0.07	2.85	0.91	1184	0.21
ASS1674	25	6	195	13	47	2.74	0.10	1.61	0.82	958	0.24
ASS1676	42	8	147	16	34	3.28	0.10	2.06	0.82	1328	0.22
ASS1677	73	12	128	24	27	2.96	0.08	3.07	0.83	1397	0.16
ASS1678	60	10	164	23	36	3.96	0.08	2.99	0.82	1386	0.17
ASS1679	57	10	110	20	26	3.82	0.06	2.90	0.81	1311	0.13
ASS1680	56	9	164	21	25	4.08	0.07	2.99	0.79	1199	0.10
ASS1681	220	29	427	18	50	2.73	0.14	5.02	0.28	15545	0.18
ASS1682	45	13	147	24	42	4.26	0.09	3.55	0.78	4408	0.34



Sample ID	Ni_ppm	Co_ppm	Cr_ppm	Cu_ppm	S_ppm	Al_pct	Ca_pct	Fe_pct	K_pct	Mg_ppm	Na_pct
ASS1683	67	14	126	23	37	5.48	0.05	4.11	0.84	1827	0.19
ASS1684	42	11	143	18	20	3.92	0.07	3.10	1.01	1664	0.39
ASS1686	51	29	32	11	28	3.26	0.11	5.41	0.84	18327	2.02
ASS1687	20	6	104	8	21	3.74	0.13	1.53	0.87	4323	3.56
ASS1688	48	14	71	12	30	3.35	0.18	3.44	1.02	9964	2.38
ASS1689	21	14	61	4	20	3.75	0.12	3.29	0.60	15339	2.71
ASS1690	12	5	19	10	26	3.63	0.07	1.62	0.82	4024	2.18
ASS1691	23	9	108	15	38	4.14	0.22	2.29	1.03	3715	1.08
ASS1692	20	9	28	5	21	4.47	0.14	2.39	1.02	5113	2.49
ASS1693	18	8	184	10	44	3.57	0.09	1.64	0.91	1626	0.93
ASS1694	14	7	29	9	10	3.46	0.11	1.79	1.05	6852	3.33
ASS1695	32	11	146	16	29	3.81	0.09	2.61	1.23	1724	0.50
ASS1696	43	13	86	9	21	4.29	0.11	3.07	1.24	13800	2.03
ASS1697	75	19	185	26	33	5.41	0.04	4.46	1.05	1639	0.17
ASS1698	46	14	107	21	37	4.02	0.30	3.38	0.90	2423	0.18
ASS1699	79	23	221	29	49	4.52	0.08	4.80	0.84	4392	0.22
ASS1700	27	7	70	16	43	3.26	0.20	1.98	0.95	2866	1.29
ASS1701	63	14	189	28	47	3.19	0.71	3.42	0.90	5519	0.31
ASS1702	62	11	142	22	61	4.27	0.45	3.22	1.00	3517	0.57
ASS1703	97	14	252	18	58	3.26	1.27	2.93	1.13	9168	0.90
ASS1704	46	11	90	10	47	1.84	0.46	2.19	0.78	5901	0.32
ASS1706	540	30	462	22	42	3.31	0.69	5.15	0.41	17045	0.65
ASS1707	31	8	133	14	54	3.30	0.11	2.09	0.86	1340	0.25
ASS1708	179	14	215	19	10	3.30	0.22	2.51	0.84	11121	1.58
ASS1709	28	8	115	14	47	3.55	0.31	2.15	0.90	1559	0.33
ASS1710	35	9	54	16	113	4.26	0.12	2.83	0.94	2545	0.71
ASS1711	42	11	115	20	24	3.10	0.11	2.82	0.89	1588	0.28
ASS1712	47	34	53	26	56	4.26	2.59	7.98	0.75	12874	1.36
ASS1713	31	9	131	22	22	2.82	0.15	2.34	1.30	2807	0.85
ASS1714	47	22	84	103	61	6.04	6.42	5.41	0.88	20797	0.53
ASS1715	39	11	121	15	55	5.28	4.89	3.07	0.82	10535	0.92
ASS1716	49	11	101	22	38	6.61	0.08	3.70	0.85	1291	0.10
ASS1717	47	10	150	21	26	4.57	0.08	3.18	0.94	1747	0.20
ASS1718	46	10	102	19	23	4.38	0.07	3.23	0.96	1534	0.20
ASS1719	69	14	160	19	20	4.76	0.08	4.05	0.85	1980	0.21
ASS1720	47	9	96	19	10	3.38	0.07	2.99	0.87	1450	0.21
ASS1721	50	10	160	19	28	4.47	0.06	3.11	0.84	1304	0.21
ASS1722	59	12	110	27	23	4.26	0.06	3.69	0.85	1482	0.16
ASS1723	70	15	144	26	26	4.32	0.10	4.01	1.01	5644	0.76
ASS1724	263	34	626	18	44	4.33	2.53	5.86	1.08	26478	0.83
ASS1725	67	13	111	25	28	4.46	0.27	3.72	0.92	2875	0.57
ASS1726	52	11	150	23	36	6.03	0.14	3.24	0.91	1628	0.50
ASS1727	23	6	31	4	64	5.02	11.42	1.86	0.87	5956	1.43
ASS1728	37	6	123	8	57	4.98	5.48	1.60	0.85	5809	1.40
ASS1729	54	12	97	23	24	5.76	0.17	3.58	0.92	1537	0.21
ASS1730	43	10	113	19	53	4.22	3.32	2.60	0.81	11364	0.31
ASS1731	23	14	53	12	52	3.84	1.98	2.08	1.02	10280	1.72
ASS1732	52	13	174	18	22	4.34	0.04	3.27	0.91	1355	0.14
ASS1733	47	12	98	16	30	6.09	0.07	3.33	1.45	2048	0.50
ASS1734	112	22	506	35	20	4.35	0.52	3.88	0.79	18557	0.89
ASS1735	41	25	68	18	104	5.66	11.69	4.45	0.84	12636	0.68
ASS1736	58	16	173	24	26	3.79	0.73	3.43	0.86	3783	0.31
ASS1737	39	14	77	43	44	4.00	3.37	2.97	0.89	6460	1.00
ASS1738	53	14	202	17	32	4.12	0.44	2.88	1.02	4317	0.34
ASS1739	37	10	99	17	28	3.59	0.15	2.83	1.06	2116	0.31
ASS1740	38	12	164	19	52	5.42	0.15	3.08	1.11	3756	0.60
ASS1741	19	7	44	13	328	4.46	6.47	2.05	0.79	19906	1.48
ASS1742	17	5	115	11	128	4.42	3.62	1.38	1.20	12110	1.91
ASS1743	23	8	69	11	41	3.75	0.13	2.16	0.94	1544	0.39
ASS1744	16	5	90	10	87	6.28	9.28	1.44	0.83	2488	1.91
ASS1745	23	8	45	3	50	3.41	10.56	1.81	0.68	5451	0.66
ASS1746	34	11	98	23	10	4.76	0.23	2.64	1.32	3661	1.21
ASS1747	68	20	76	7	10	5.36	0.18	4.09	1.51	21252	2.10
ASS1748	53	13	147	19	10	4.13	0.12	2.96	0.96	2589	0.48
ASS1749	78	32	121	52	10	3.71	1.56	4.54	0.81	16336	1.81
ASS1751	25	10	57	14	10	3.75	0.10	2.28	0.96	1775	0.59
ASS1752	31	10	119	18	10	3.88	0.07	2.52	0.86	1227	0.21
ASS1753	27	8	58	14	10	2.84	0.06	2.17	0.90	1044	0.29
ASS1754	23	6	124	11	157	5.30	3.18	1.80	0.87	13989	0.94
ASS1755	22	7	63	10	10	3.07	0.17	1.84	0.97	1288	0.62
ASS1756	28	8	158	15	10	6.42	0.29	2.39	1.10	1862	1.26
ASS1757	22	5	45	26	10	3.69	0.11	1.56	1.27	1962	2.68
ASS1758	23	6	97	10	26	3.14	1.04	1.27	0.83	2997	2.73
ASS1759	36	9	116	15	10	3.87	0.07	2.58	0.77	1710	0.27
ASS1761	46	13	222	29	10	3.53	0.28	2.98	0.89	3199	0.47
ASS1762	28	8	81	15	356	2.90	1.61	2.18	0.79	5416	1.09
ASS1763	40	10	121	21	10	8.15	0.16	3.01	1.22	3959	1.52
ASS1764	41	13	87	20	10	6.66	0.14	3.51	1.03	2642	0.57
ASS1765	33	11	111	20	60	5.02	2.55	2.53	1.00	11166	0.93
ASS1766	35	10	65	18	247	5.21	2.07	2.70	1.09	16521	1.03
ASS1767	24	6	67	12	31	5.92	9.13	2.29	0.92	35693	0.59

