Level 3, 101 St Georges Terrace
Perth, WA 6000
T: +61 (8) 6558 0886
F: +61 (8) 6316 3337
ABN: 81 119 267 391
www.proteanenergy.com

21 February 2022

Soil Sampling Program for Gwesan Vanadium Project

Protean Energy Ltd (ASX: POW, "Protean" or "the Company") announces the results of the soil sampling undertaken at its Gwesan Vanadium Project in South Korea and completed on 1 October 2021. The soil sampling and assaying was conducted to further investigate the mineralization potential of Gwesan 137 prospect.

The mineralization of Gwesan Vanadium Project is a strata-bound black shale type embedded in the graphitic slate of Guryongsan formation. The mineralization potential of Protean's tenement (Gwesan 137) belongs to south-west part of Hansung orebody with general NE trending and remains open toward adjacent tenement of Gwesan 127.

The results relating to this soil sampling program are as follows:

- A total of 400 samples including duplicate and quality assurance quality control (QAQC) samples were submitted to the ALS laboratory in Perth for multi-commodity analyses by ICP-MS/AES.
- The results of ICP analyses from soil samples have highlighted 25 mineralized intercepts reported by V >500ppm and/or U >100ppm basis, which comprise 8 samples of Gwesan 137 and 17 samples of Gwesan 127 (refer to Table 1)
- In Gwesan 137, the mineralized intercepts from soil samples are mainly located at Line 13 to Line 16 adjacent to the Hansung orebody. No mineralized evidence is currently observed in the other sample grid lines (Refer to Figure 1 and Figure 2).
- ICP results in Protean's tenement (Gwesan 137) have not verified the continuity of mineralization along NE trending on the surface geochemical anomalies from soil samples.
- In Gwesan 127 tenement, significant mineralized intercepts are identified from soil samples of three historical orebodies of Dukpyung, Jungdaejon and Hansung (Refer to Figure 1 and Figure 2).
- ICP results from soil samples confirm that Gwesan 127 is considered the main target of the mineralization potential.

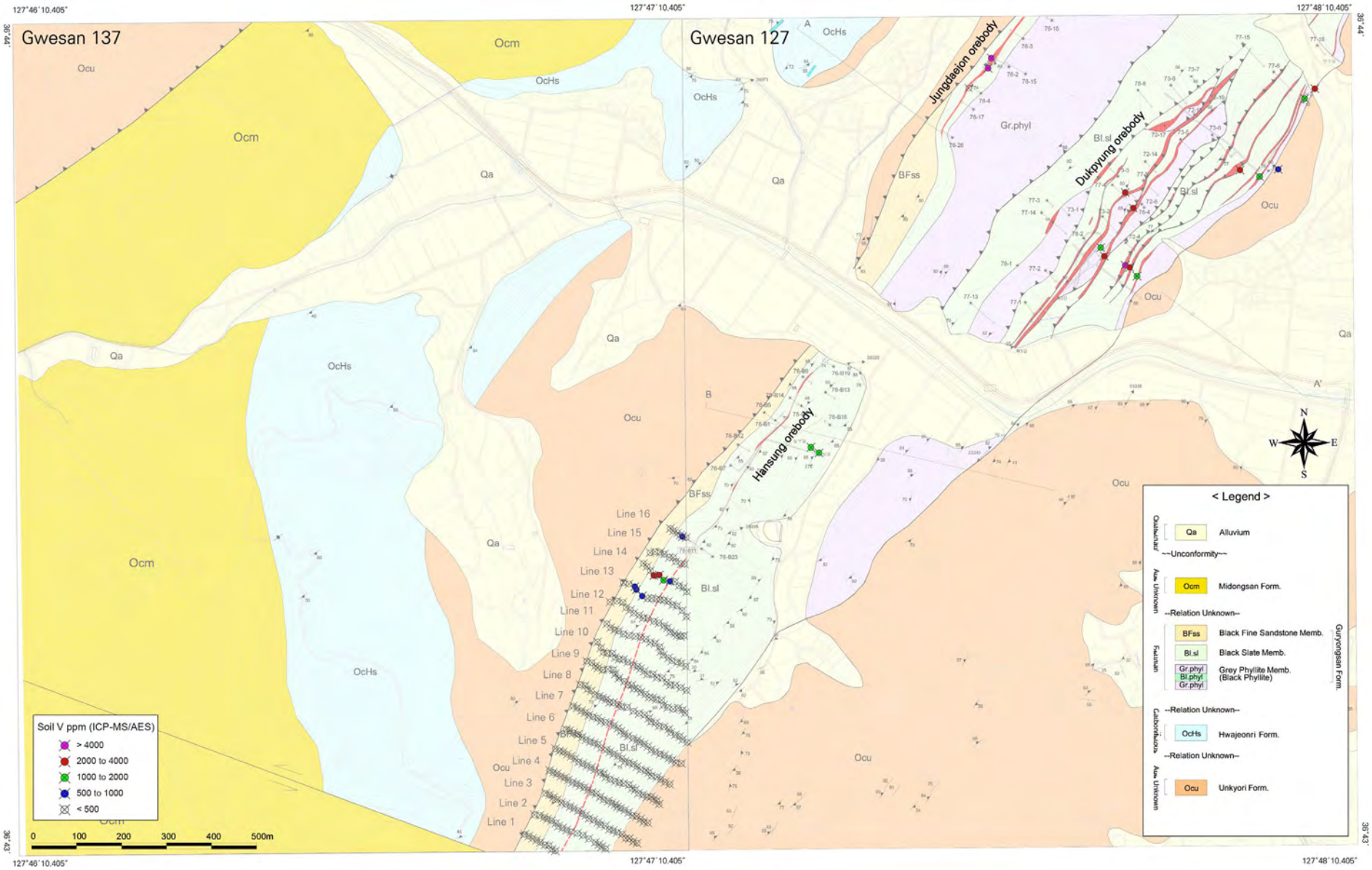
LABORATORY ANALYSIS DATA

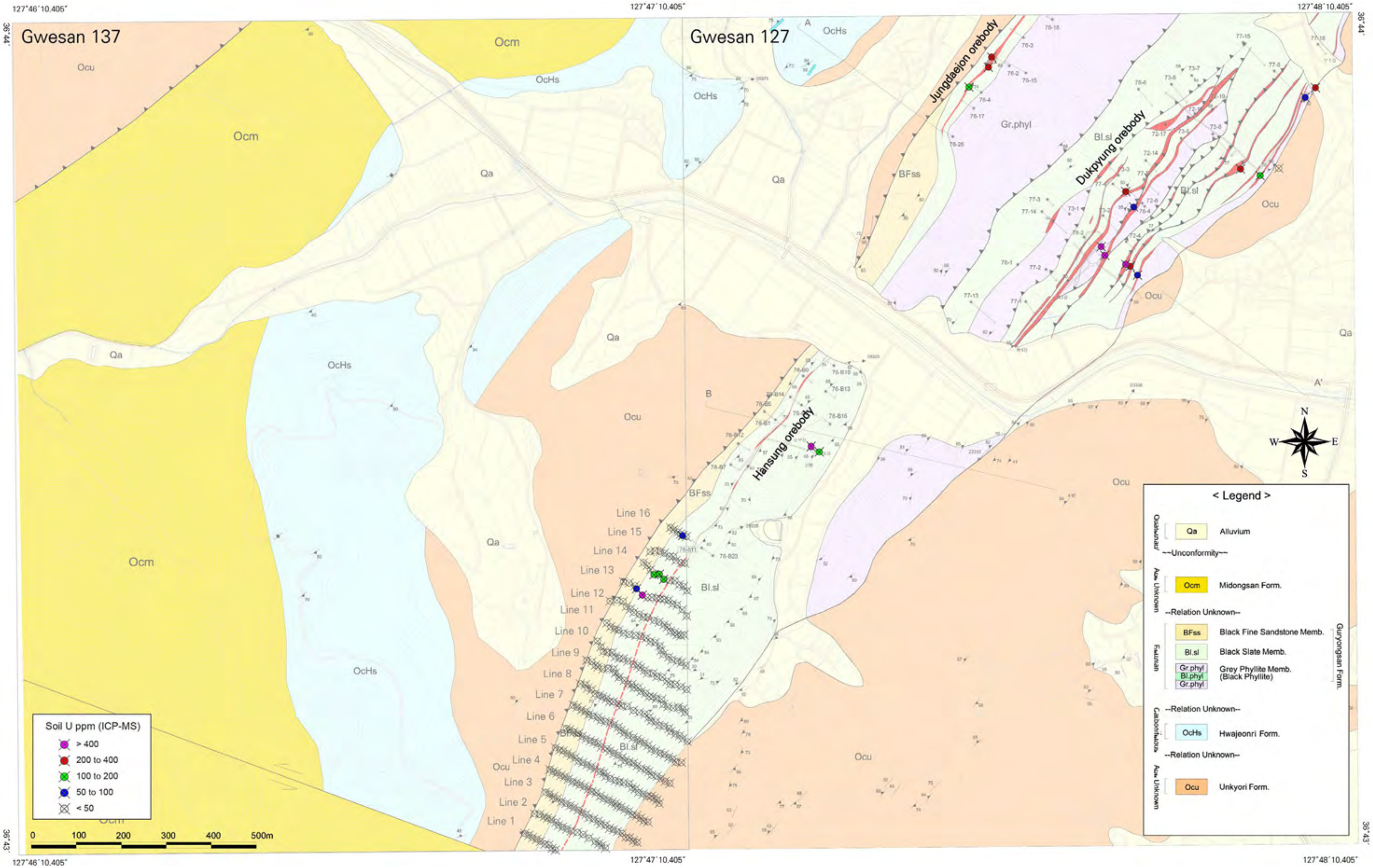
Laboratory results of the ICP analyses from soil sampling are presented in Figure 1 and Figure 2 as vanadium and uranium distribution maps. Table 1 summarizes mineralized intercepts reported by V >500ppm and/or U >100ppm basis from the ALS laboratory. The results of ICP analyses from soil samples have highlighted 25 mineralized intercepts, which comprised 8 samples of Gwesan 137 and 17 samples of Gwesan 127.

The location details are provided in Appendix 2. The analysis results are presented in Appendix 3 with raw ICP data by ALS lab in Perth. No adjustments have been made to the data.

Table 1. *Summary of the mineralized intercepts (reported data: V >500ppm or U >100ppm)*

Tenement No.	Sample ID	UTM (WGS84 Z52N)		RL (m)	V (ppm)	U (ppm)	Comments
		E	N				
Gwesan 137	GW21-321	391304	4065042	218	582	31.6	Line 13
	GW21-322	391307	4065035	219	587	62.3	Line 13
	GW21-323	391320	4065021	232	811	432	Line 13
	GW21-342	391347	4065066	208	2860	123.5	Line 14
	GW21-343	391359	4065067	208	2790	153	Line 14
	GW21-344	391368	4065055	211	1780	100.5	Line 14
	GW21-345	391382	4065052	205	555	29.8	Line 14
	GW21-365	391412	4065151	199	1025	68.4	Line 16
Gwesan 127	GW21-037	391720	4065331	156	1280	194.5	Hansung orebody (waste disposal)
	GW21-038	391702	4065343	165	1910	605	Hansung orebody (adit)
	GW21-039	392069	4066134	182	484	126.5	Jungdaejon orebody
	GW21-091	392113	4066177	193	12900	317	Jungdaejon orebody
	GW21-092	392121	4066199	199	5880	270	Jungdaejon orebody
	GW21-093	392838	4066116	156	3060	280	Dukpyung orebody
	GW21-141	392815	4066095	147	1325	61.8	Dukpyung orebody
	GW21-142	392753	4065939	189	618	40.5	Dukpyung orebody
	GW21-143	392712	4065924	201	1385	125.5	Dukpyung orebody
	GW21-188	392668	4065939	202	3180	323	Dukpyung orebody
	GW21-189	392435	4065708	195	1610	99.5	Dukpyung orebody
	GW21-281	392419	4065728	199	2750	364	Dukpyung orebody
	GW21-282	392409	4065733	198	4360	423	Dukpyung orebody
	GW21-283	392363	4065754	207	3630	568	Dukpyung orebody
	GW21-331	392355	4065773	205	1605	602	Dukpyung orebody
	GW21-332	392412	4065894	160	2470	287	Dukpyung orebody
	GW21-333	392429	4065859	159	3640	68.9	Dukpyung orebody


127°46'10.405"
127°47'10.405"
127°48'10.405"
36°44'
36°43'
Gwesan 137
Gwesan 127
Ocu
Ocm
OcHs
Qa
BFss
Bl.sl
Gr.phyl
Jungdaejon orebody
Dukpyung orebody
Hansung orebody
A
A'
B
Line 1
Line 2
Line 3
Line 4
Line 5
Line 6
Line 7
Line 8
Line 9
Line 10
Line 11
Line 12
Line 13
Line 14
Line 15
Line 16
N
S
W
E
Soil V ppm (ICP-MS/AES)
> 4000
2000 to 4000
1000 to 2000
500 to 1000
< 500
0
100
200
300
400
500m
< Legend >
Quaternary
Qa
Alluvium
~~Unconformity~~
Age Unknown
Ocm
Midongsan Form.
--Relation Unknown--
Paleozoic
Guryongsan Form.
BFss
Black Fine Sandstone Memb.
Bl.sl
Black Slate Memb.
Gr.phyl
Bl.phyl
Gr.phyl
Grey Phyllite Memb.
(Black Phyllite)
--Relation Unknown--
Cambrian-Ordovician
OcHs
Hwajeonri Form.
--Relation Unknown--
Age Unknown
Ocu
Unkyori Form.



127°46'10.405"
127°47'10.405"
127°48'10.405"
36°44'
36°43'
Gwesan 137
Gwesan 127
Jungdaejon orebody
Dukpyung orebody
Hansung orebody
Ocu
Ocm
OcHs
Qa
BFss
Gr.phyl
Bl.sl
A
A'
B
Line 16
Line 15
Line 14
Line 13
Line 12
Line 11
Line 10
Line 9
Line 8
Line 7
Line 6
Line 5
Line 4
Line 3
Line 2
Line 1
N
S
E
W
Soil U ppm (ICP-MS)
> 400
200 to 400
100 to 200
50 to 100
< 50
0
100
200
300
400
500m
< Legend >
Quaternary
Qa
Alluvium
~~Unconformity~~
Age Unknown
Ocm
Midongsan Form.
--Relation Unknown--
Guryongsan Form.
BFss
Black Fine Sandstone Memb.
Bl.sl
Black Slate Memb.
Gr.phyl
Bl.phyl
Grey Phyllite Memb.
(Black Phyllite)
--Relation Unknown--
Carboniferous
OcHs
Hwajeonri Form.
--Relation Unknown--
Age Unknown
Ocu
Unkyori Form.

Next Steps.

As the ICP results in Protean's tenement (Gwesan 137) have not verified the continuity of mineralization along NE trending on the surface geochemical anomalies from soil samples, Protean will consider if it will seek to confirm the continuity of subsurface mineralization potential through a drill program. Furthermore, to expand the exploration target, Protean will consider engaging with the exploration right applicant of the Gwesan 127 tenement.

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

For further information, see www.proteanenergy.com or phone: +61 8 6558 0886.

Tim Slate

Director and Joint Company Secretary

Competent Persons Statement – JORC Code 2012

The information in this announcement that relates to Exploration Results and other technical information complies with the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code) and has been compiled under the supervision of Dr Hagsoo Kim, PhD (Geophysics), Professional Engineer of Korea (Geology and Geotechnics), Chairman of Korean Society of Earth and Exploration Geophysicists, CEO of GeoGeny Consultants Group Inc. Dr Kim is a Member of the Australasian Institute of Mining and Metallurgy. He has sufficient experience that is relevant to the style of mineralization 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 JORC Code. Dr Kim consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.

The information in this announcement that relates to Soil Sampling Results and Interpretations is based on information compiled by Mr Jeongsang Lee, a consulting geologist of GeoGeny Consultants Group Inc. Mr Lee is a Member of the Australian Institute of Geoscientists and has sufficient experience which is relevant to the style of mineralization 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 JORC Code. Mr Lee consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.

Appendix 1 – JORC Table 1

The following Tables are provided to ensure compliance with the JORC Code (2012 Edition) requirements for the reporting of Exploration Results:

Section 1 Sampling Techniques and Data – *Soil Sampling Program*

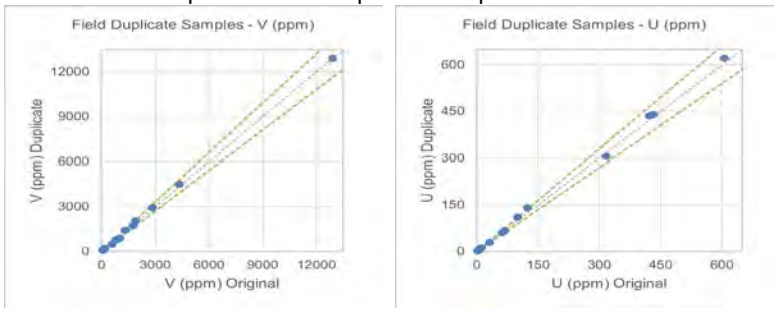
(Criteria in this section applies to all succeeding sections)

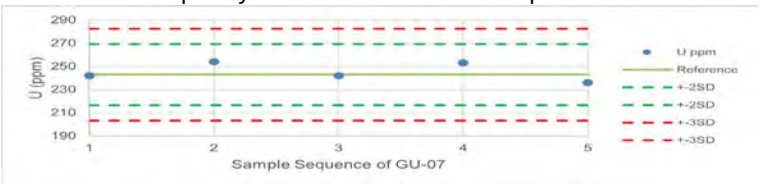
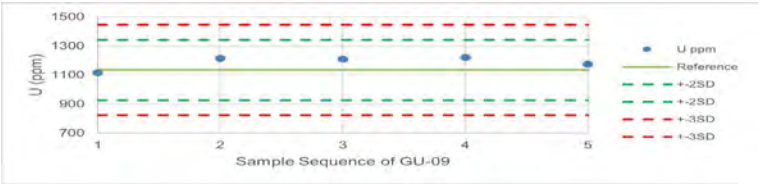
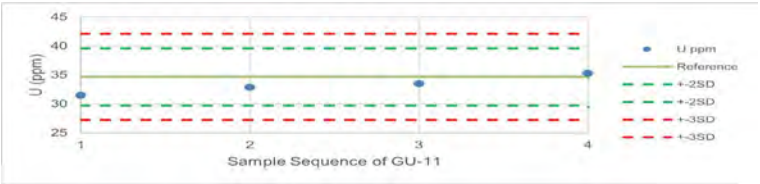
Criteria	JORC Code explanation	Commentary
Sampling techniques	• *Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.*	• 360 soil samples including 30 field duplicates have been collected over the Gwesan vanadium project in South Korea. A total of 400 samples inserting 40 quality assurance quality control (QAQC) samples have been analysed by ALS laboratory in Perth and these soil sampling results are discussed in this release. • The soil samples were coarse (<2mm) sieved in the field at the time of collection. A +600g field sample was collected from 5~10m spaced sample sites on approximately 50m spaced infill grid lines. • A hole was dug at each sample point using a pick and shovel and the soil sample was collected from the B horizon at a nominal depth of 15~20cm below the humic layer. At each sample site, details of soil description and possible contaminating influences were recorded. The +600g field samples were collected in a fresh plastic zip lock bag and packed into carrier boxes for transport to the GeoGeny's sample storage facility. • On receipt, the samples were stored in the locked shed prior to retrieval and sun-dried in plastic trays for 1 to 2 days. The dried samples were then sieved to -1mm to generate a submittal sample for geochemical analysis. A nominal 200g sample to -1mm was separately re-bagged into a new zip lock bag for dispatch to ALS laboratory in Perth. The coarse +1mm fraction was discarded and the balance of the sample was returned to the original sample bag as backup sample. • A portion of the 200g sub-sample was then packed with a series of sample IDs and around 10% of blank and CRM samples were inserted every 10 sub-samples for QAQC measures. A total of 400 samples were dispatched via FedEx to ALS lab in Perth and analysed through ICP-MS/AES analyses after pulverized to < nominal 75 microns. • These ICP results for multi-commodity analysis are considered adequate for the purpose of identifying surface soil geochemical anomalies.

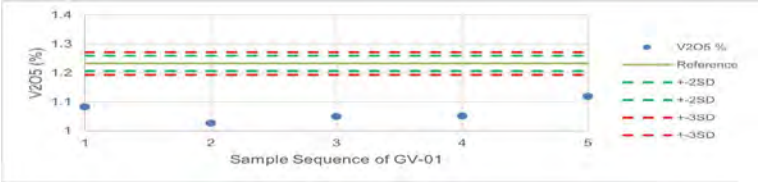
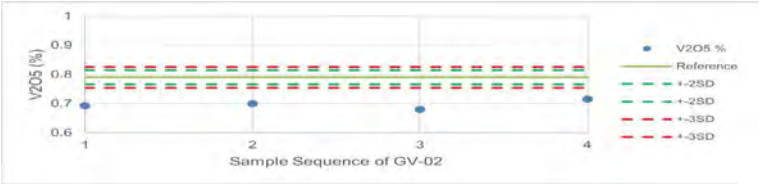
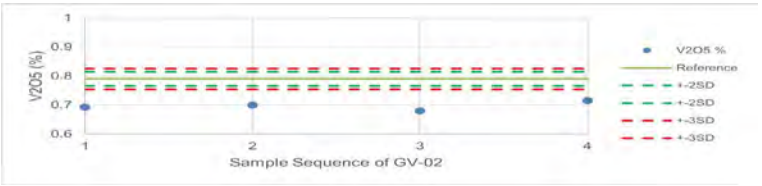
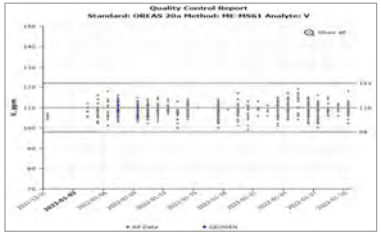
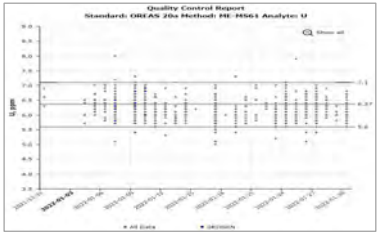
Criteria	JORC Code explanation	Commentary
	• *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.*	• The mineralization of Gwesan vanadium project belongs to a strata-bound black shale type embedded in graphitic slate of Guryongsan formation. The soil sampling program of approximately 50m x 10m grid was applied to target the graphitic slate of Gwesan 137 prospect. 313 soil samples were collected at 50m interval along NE trending to check the continuity of strike direction, and at 5~10m intervals along dip direction of the graphitic slate to identify the repeated mineralisation potential. Grid line of approximately 50 x 10 m spacing is considered appropriate for sampling the graphite unit that hosts the mineralization. • Besides the grid sampling, 17 soil samples of Gwesan 127 were taken at the historical sites of the waste proposal and mined-out area to confirm the mineral contents of historic orebodies. • Total 330 field samples were collected from a similar point in the soil profile and sieved to generate a sub 2mm fraction at the sampling site. All samples were dried and further sieved to -1mm for submission to an accredited ALS laboratory. A blank or CRM was inserted every 10 sub-samples for QAQC measures. A total of 400 samples including 30 duplicates and 40 QAQC samples were sent to ALS lab in Perth to determine V and U levels.
	• *Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.*	• The soil samples were collected using a shovel and pick to clear the humic layer and excavate a hole. All samples were collected at a similar depth with similar sample volumes from each site and coarse sieved in the field at the point of collection. All sampling gear was cleaned between samples to avoid any cross-sample contamination. Approximately +600g of -2mm mesh soil was collected at each sample site. • A nominal 200g sub-sample sieved to -1mm was re-bagged into a fresh zip lock bag and dispatched to ALS lab in Perth. After clearing customs, submittal samples were dried and pulverized to 85% < 75 microns in the lab. A 0.25g charge of pulverized material was analysed for 48 elements by a four-acid digest with ICP-MS determination. Method code is ME-MS61 and elements determined are Ag, Al, As, Ba, Be, Bi, Ca, Cd, Ce, Co, Cr, Cs, Cu, Fe, Ga, Ge, Hf, In, K, La, Li, Mg, Mn, Mo, Na, Nb, Ni, P, Pb, Rb, Re, S, Sb, Sc, Se, Sn, Sr, Ta, Te, Th, Ti, Tl, U, V, W, Y, Zn, Zr. The method ME-MS61 was selected as the preferred method for low level detections of a suite of elements from soil or stream sediment surveys. • To further determine the vanadium contents as greater than the detection

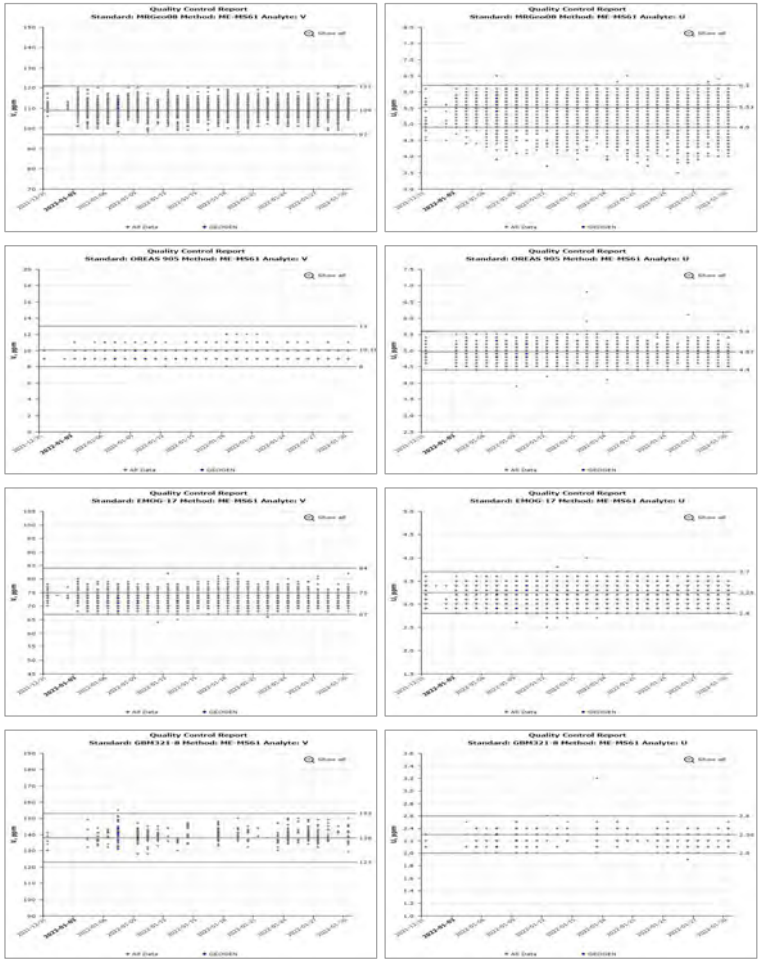
Criteria	JORC Code explanation	Commentary
		limit, two samples reporting V overlimit were re-analysed through peroxide fusion by ICP-AES using the method code of ME-ICP89. Sample analytical techniques are considered in line with industry standard for this style of mineralisation.
Drilling techniques	• *Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).*	• No drilling in the soil sampling program.
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.* • *Measures taken to maximise sample recovery and ensure representative nature of the samples.* • *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	• No drilling in the soil sampling program.
Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* • *The total length and percentage of the relevant intersections logged.*	• No drilling in the soil sampling program. • The soil type sampled was recorded. Information included sample colour, grain size, content of soil and the exposed rock in the area, if any. Presence and distribution of visible mineralisation seen in outcrop was logged.
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.*	• No core in the soil sampling program.
	• *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.*	• The raw soil samples were coarse sieved to -2mm in the field site and dried at the sample storage facility of GeoGeny. The samples were then further sieved to -1mm fraction to generate a sub-sample of nominal 200g using a riffle splitter and sent to ALS lab in Perth for ICP analysis.
	• *For all sample types, the nature, quality and appropriateness of the sample preparation technique.*	• The sample spacing and grid line of 50m x 10m is considered adequate to identify soil anomalies over the prospect. • The soil sample was collected from a depth of 15~20cm below the humic layer using a pick and shovel, sieved to -2mm using a mesh and bagged

Criteria	JORC Code explanation	Commentary
		into a plastic zip lock bag at each sample site. Sampling gear was cleaned between samples to avoid any cross-sample contamination in the field. • The samples were dried and further sieved to -1mm at the sample storage facility of GeoGeny. Sampling gears such as trays and sieves were also cleaned between sub-samples. The risk of cross sample contamination is considered minimal. • A 200g sub-sample of -1mm was re-bagged into a new fresh zip lock bag for dispatch to ALS lab in Perth. The coarse +1mm fraction was discarded and the balance of the sample was returned to the original sample bag as backup sample.
	• *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.*	• The samples collected are considered representative of the soil at each sample site. A blank or CRM sample was inserted every 10 sub-samples and submitted to ALS lab for QAQC measures of V and U. Regular analysis of blank and CRM samples were taken during the ICP analysis process. Issues were noted and discussed with the laboratory. • The silica blanks were monitored by the lower limit of detection (LLD) of the technique to assess any cross contamination at the laboratory. A review of QAQC results show that all the silica blanks fall within 3xLLD for vanadium (3 ppm) except some blanks with a value of 4xLLD for uranium (0.4 ppm). it is considered to indicate acceptable contamination errors for the reporting and investigation purposes of the soil sampling program, not the resource estimation. No issues of a significant nature are present. • The CRM data were monitored by control charts based on error thresholds of ±2 standard deviations (SD). All uranium CRM samples fall within 2SD of the certified value, demonstrating suitable precision and accuracy of the analytic process. On the other hand, all vanadium CRMs shows a tendency to underestimate relative to the certified value with approximately -10SD difference. Further discussion with ALS laboratory revealed that caution should be taken when comparing laboratory results to certified value if the analytic technique differs. The vanadium CRM was certified using fusion XRF analyses compared to the uranium CRM certified by ICP analyses. As the laboratory results were analysed by 4-acid digest with ICP-MS/AES, the vanadium CRM samples are considered to show skewed errors with systematic bias due to the difference in analytic method between fusion XRF and 4-acid ICP-MS, and it is considered to demonstrate acceptable

Criteria	JORC Code explanation	Commentary
		precision because it shows regular distributions with approximately -10% difference slope. • The quality of the ICP data is considered adequate to define the overall limits of the soil anomalies at the Gwesan vanadium project.
	• *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.*	• Total 30 field duplicate samples (around 9%) were inserted into the sample stream. The XY plots for field duplicate samples are shown below:  • No significant variations are observed. The sample preparation technique is considered appropriate for the style of mineralisation present in the project.
	• *Whether sample sizes are appropriate to the grain size of the material being sampled.*	• All samples were collected at a similar depth with similar volumes from each site and were coarse sieved to -2mm using a mesh at the point of collection. A +600g field sample was collected from 5~10m spaced sample sites on approximately 50m spaced infill grid lines. The size of the soil samples collected in the field is considered appropriate for the style of survey being undertaken. • A nominal 200g of sub-sample sieved to -1mm was determined through discussion with ALS professional and is considered appropriate.
Quality of assay data and laboratory tests	• *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.*	• Soil samples were dried and sieved to -1mm at the sample storage facility of GeoGeny and dispatched to ALS lab in Perth as discussed previously. • The samples on receipt at the lab were dried again at 160℃ and pulverized to 85% <75 microns. A 0.25g charge of pulverized material was selected of each sample and dissolved using a four-acid digest. The resulting sample aliquot was then read by ICP-MS analysis to determine the value of each

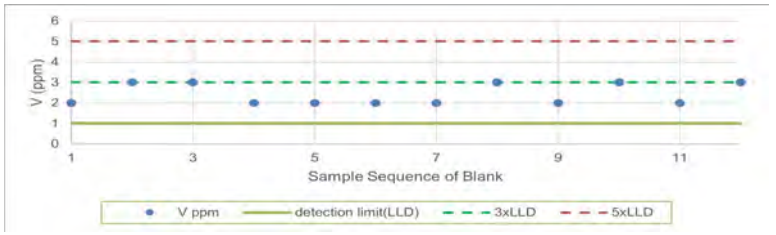
Criteria	JORC Code explanation	Commentary
		of 48 elements for multi-commodity analysis. The method chosen ME-MS61 was selected as the preferred method for low level detections of a suite of elements from soil or stream sediment surveys. Samples reporting V overlimit were re-analysed through peroxide fusion by ICP-AES using the method code of ME-ICP89. The techniques are considered 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.*	• During the soil sampling survey, scintillometer measurements were used as an aid to monitor the sample site. The total counts, U, K and Th were measured along the grid lines using RS230 of Radian Solution Inc. However, these results were not used for grade determination in the soil sampling program.
	• *Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.*	• Quality control procedures include CRM with grades relevant to the grade of mineralization, prep blank and field duplicate, beside the laboratory own QC data such as standard, ALS blank and pulp duplicate. • Six different CRM pulp samples with known values for V and U grades were inserted at a frequency of 8%. Control charts are provided as below:   

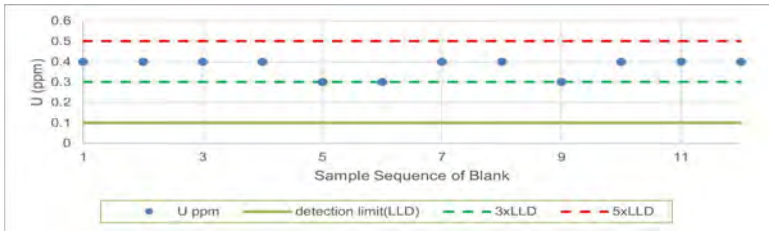
Criteria	JORC Code explanation	Commentary
		   • Acceptable levels of accuracy and precision are observed with the uranium CRM to internal error thresholds of ±2SD. However, the vanadium CRM shows systematic bias with approximately -10SD difference relative to the certified values, due to the analytic method between fusion XRF (certified values) and 4-acid ICP-MS (laboratory values) as discussed previously. • Five different ALS standard sample data were reviewed to further monitor precision and accuracy of the ICP analytic process. ALS standard samples are within 2SD of the expected value for V and U and demonstrate suitable precision and accuracy of the ICP analytic process. No systematic bias is observed in the ALS standards as shown below:  

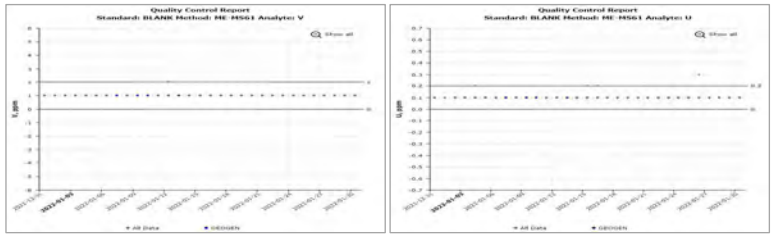
Criteria	JORC Code explanation	Commentary
		 • Two types of blank material were reviewed to monitor the lab contamination procedures. Prep blank of barren silica was inserted at a frequency of 3% to principally assess the sample preparation and analytical stage in the ALS lab. ALS QC blanks were also reviewed to principally assess the analytical stage. QC results for prep blank and ALS blank are shown below:

Criteria	JORC Code explanation	Commentary

Type	Number of Insertions	No. of samples > x3 detection limit (LLD)		No. of samples > x5 detection limit (LLD)		Comment
		V	U	V	U	
Prep blank	12	0	9	0	0	Within 4xLLD
ALS blank	14	0	0	0	0	Within 2xLLD



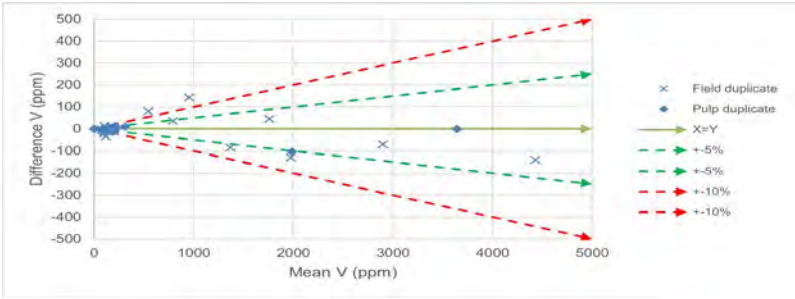


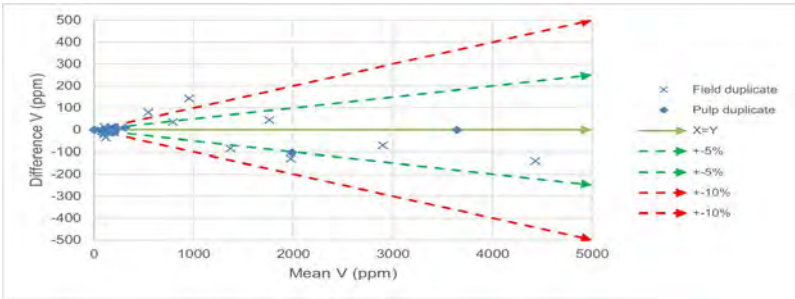


- Acceptable levels of contamination errors are observed with all blanks to internal error threshold of 5xLLD, applied for reporting and investigation purposes of the soil sampling program. Prep blanks include contamination errors for sample preparation and analytic stage compared to ALS blank indicating the analytic stage contamination. Therefore, it is reasonable that prep blanks show the relative high error values compared to ALS blanks within 4xLLD as shown in the figure above.

Criteria	JORC Code explanation	Commentary
		• Two types of duplicates were reviewed to monitor precision and analytical procedures of the laboratory. Field duplicate was inserted at a frequency of 9% to principally test the sample preparation and analytical stage in the lab. ALS pulp duplicates were reviewed to principally test the lab analytical stage. QC results for field and pulp duplicates are shown below:

Duplicate		No.	RSQ	Mean (ppm)		Median (ppm)		SD (ppm)	
				original	duplicate	original	duplicate	original	duplicate
Field	V	30	0.9996	1,009	1,018	152	159	2,450	2,459
	U	30	0.9991	76	77	7	7	155	158
Pulp	V	26	0.9994	334	339	123	123	764	773
	U	26	0.9999	30	31	4	4	117	121





• Acceptable levels of precision are observed within ±10% difference range except some field duplicates shown in the figure above. All duplicates show good correlation with more than 0.99 R squared and no systematic bias is observed. This level of QAQC control is considered adequate to confirm acceptable accuracy and precision.

Criteria	JORC Code explanation	Commentary
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.*	• The soil samples are single isolated samples and no weighted averages have been calculated using these assays. • The results reported or commented upon this release have independently been checked by senior professionals of GeoGeny Consultants Group Inc.
	• *The use of twinned holes.*	• No twin holes in the soil sampling program.
	• *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.*	• Primary data is collected in the field survey and entered MS Excel, which is checked for consistency and for any transcription errors. • Assay results are received directly from the laboratory and stored in an Access database. All results are checked by the responsible geologist on entry to the database.
	• *Discuss any adjustment to assay data.*	• The data presented in the Appendices is raw ICP data by ALS lab in Perth. No adjustments have been made to the data.
Location of data points	• *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.*	• All soil sample points have been recorded using a hand-held GPS unit with approximate accuracy of +/-5m.
	• *Specification of the grid system used.*	• The survey coordinates are UTM Zone 52 N (WGS 84 Datum).
	• *Quality and adequacy of topographic control.*	• The National Geographic Information Institute (NGII) of Korea has 1:5,000 scale digital contour data for the entire country, which is available at 5m contour intervals and is considered adequate for the soil sampling program.
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.*	• It is not anticipated that any of these data would be used to compile any form of Mineral Resource and the data are purely acquired as part of the overall reconnaissance evaluation of the project. • The 50m x 10m sample grid is considered adequate as a geochemical analysis to identify the deposit type and style under consideration.
	• *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*	• The soil sampling to date is not intended for the use of in any future resource estimation that may be undertaken.

Criteria	JORC Code explanation	Commentary
	applied.	
	• *Whether sample compositing has been applied.*	• None of the assay results have been composited.
Orientation of data in relation to geological structure	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.*	• The deposit consists of NE striking tightly folded and/or thrusted sequences with an overall dipping to the northwest. The mineralization is interbedded within the graphitic slate of Guryongsan formation. • Orientation of sampling along strike and dip direction is as unbiased as possible based on the dominating mineralised structures and interpretation of the deposit geometry.
	• *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	• No drilling in the soil sampling program.
Sample security	• *The measures taken to ensure sample security.*	• The soil samples were cross checked, packed in carrier boxes at the field base and transported to the secure facility of GeoGeny. The sub-samples for assay were organized through drying and subsequent sieving, and then shipped to ALS lab in Perth via FedEx. The sub-samples routinely take 7 to 12 days in transit from Korea until clearing customs in Matraville and delivery to the ALS laboratory in Perth. FedEx online tracking allows for the parcels to be tracked throughout their transit.
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• The ALS laboratory in Perth has not been visited by Company personnel. • Sample preparation and processing practices in ALS Perth were routinely reviewed through the e-mail discussion by an independent consultant of GeoGeny.

Section 2 Reporting of Exploration Results – *Soil Sampling Program*

(Criteria in this section applies to all succeeding sections)

<table>
<tr><th>Criteria</th><th>JORC Code explanation</th><th>Commentary</th></tr>
<tr><td rowspan="2">Mineral tenement and land tenure status</td><td>• 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.</td><td>• The Gwesan vanadium deposit is divided into four prospects; Dukpyung Anticline East Limb (DAEL), Dukpyung Anticline West Limb (DAWL), North and South. The deposit lies within eleven tenement names which cover most of the currently defined mineralization.
• The deposit currently consists of one granted tenement and five application tenements, and the other five tenements are cancelled in 2019 owing to the expiration of validity.
• KV, a subsidiary of Protean, owns the granted tenement of Gwesan 137 covering 275 ha, which belongs to DAWL prospect.
<table>
<tr><th>Tenement name</th><th>Registration number</th><th>Current Holder</th><th>Status</th><th>Registration date</th><th>Area (ha)</th></tr>
<tr><td>Gwesan 114</td><td>76967</td><td>-</td><td>Expired</td><td rowspan="2">expired date (2019.10.02)</td><td>275</td></tr>
<tr><td>Gwesan 115</td><td>76942</td><td>-</td><td>Expired</td><td>275</td></tr>
<tr><td>Gwesan 116</td><td>Not defined</td><td>Sim J.Y.</td><td rowspan="3">Application (exploration right)</td><td>applied date (2021.09.10)</td><td>-</td></tr>
<tr><td>Gwesan 117</td><td>Not defined</td><td rowspan="2">Node & Link</td><td rowspan="2">applied date (2022.01.13)</td><td>-</td></tr>
<tr><td>Gwesan 118</td><td>Not defined</td><td>-</td></tr>
<tr><td>Gwesan 124</td><td>76964</td><td>-</td><td>Expired</td><td rowspan="2">expired date (2019.10.02)</td><td>275</td></tr>
<tr><td>Gwesan 125</td><td>76941</td><td>-</td><td>Expired</td><td>275</td></tr>
<tr><td>Gwesan 126</td><td>Not defined</td><td>Sim J.Y.</td><td rowspan="2">Application (exploration right)</td><td>applied date (2022.02.07)</td><td>-</td></tr>
<tr><td>Gwesan 127</td><td>Not defined</td><td>Sim J.Y.</td><td>applied date (2021.12.13)</td><td>-</td></tr>
<tr><td>Gwesan 128</td><td>76969</td><td>-</td><td>Expired</td><td>expired date (2019.10.02)</td><td>275</td></tr>
<tr><td>Gwesan 137</td><td>79161</td><td>KV</td><td>Granted (mining right)</td><td>2011.01.11</td><td>275</td></tr>
</table>
* Source: website of Korea Mine Registration Office, effective date of 11 February 2022.</td></tr>
<tr><td>• 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.</td><td>• There are no known impediments to obtaining a licence to operate in the current project area of Gwesan 137.</td></tr>
<tr><td>Exploration done by other</td><td>• Acknowledgment and appraisal of exploration by other parties.</td><td>• The tenement of Gwesan 137 (the project area) belongs to DAWL prospect of Gwesan vanadium deposit. The historical exploration for DAWL prospect</td></tr>
</table>

Criteria	JORC Code explanation	Commentary
parties		contains diamond drilling, trench, adit, geological and radiometric survey compiled by KIER, KORES, SHK (current KV) and GeoGeny as follow: • In 1970s, KIER drilled 88 diamond drillholes (13,163 m) for DAWL prospect targeting the uranium mineralization in the black slate of the Okcheon Belt, and the vanadium contents was not analysed. Natural gamma logging for the drill-holes was conducted to measure total CPS for thorium, potassium and uranium. The CPS was converted to eU_3O_8 grade. No wet chemistry assaying of this core was undertaken. • Beside the drilling, KIER conducted trench program to confirm the surface extension of mineralization intersecting at the drilling. The mineralized zone of trenches was measured at 1 m intervals using an ALOKA Scintillation Survey meter. In 1977 KIER conducted test mining at 3 adits of Dukpyung orebody in DAWL prospect, and measured radioactivity using a scintillo-meter at 1 m intervals, analysed uranium content for channel sample. The drilling and trench data by KIER were included in the 'Construction of Data-base for the Og-cheon Uranium Exploration Results(I)' (2007, KIGAM). However, the historical cores of DAWL prospect were destroyed by KIGAM (the former KIER) in 2020. • In 2010, KORES performed the geological mapping and radiometric survey to target DAWL and DAEL prospects using gamma-ray spectrometer (GR-320) and Scintillation Counter (Scintrex GR-135), produced the detailed mineralization map including the tenements of Gwesan 117, 118 and 127. • In 2012, SHK investigated the mineralization characteristics by regional geologic and radiometric survey using scintillometer (RS 125) and pXRF (handheld XRF), confirmed the uranium and vanadium mineralization zone in black slate of DAWL, DAEL and North prospects. • In 2021, GeoGeny conducted a preliminary exploration of Phase 1 and 2 to identify the vanadium potential of Gwesan deposit through the historical data review and a geological survey, confirmed that the mineralization potential of Protean's tenement (Gwesan 137) remains open toward north-east along the strike and that the main potential is located at the adjacent tenement (Gwesan 127).

Criteria	JORC Code explanation	Commentary
Geology	• *Deposit type, geological setting and style of mineralisation.*	• Gwesan vanadium deposit is well known in Korea since 1970s although the main target of this area used to be uranium in that time. • The geology of Gwesan deposit mainly comprises meta-sedimentary rocks with a general NE trending. The uranium/vanadium mineralization is hosted by black slate of the Guryongsan formation, which consists of a dark grey phyllite, followed by the black slate (ore zone) and a black fine sandstone. • The prospects of the deposit are divided into four regions controlled by two major sinistral strike-slip faults and Dukpyung Anticline. The black slate is repeated due to a combination of thrust/detachment faults and folding. • The DAWL prospect containing the project area of Gwesan 137 is known to the largest ore zones. The historical drilling by KIER has identified three orebodies of Dukpyung, Jungdaejon and Hansung in the DAWL prospect mainly located at Gwesan 127.

Drill hole Information	• *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:*
	  • *easting and northing of the drill hole collar*
	  • *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar*
	  • *dip and azimuth of the hole*
	  • *down hole length and interception depth*
	  • *hole length.*
	• *If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.*
		• No drilling in the soil sampling program.
		
		• The historic drilling information and results have been summarized to the 'ASX Announcement of 5 May 2021'.

Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.*	• No weighting or averaging has been applied to the soil sampling data. All data presented in this release is raw data analysed by ALS lab in Perth.
	• *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 data has not been aggregated.
	• *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	• No metal equivalent values have been reported.

Criteria	JORC Code explanation	Commentary
Relationship between mineralisation widths and intercept lengths	• *These relationships are particularly important in the reporting of Exploration Results.*	• The soil sampling was conducted on approximately 50m x 10m grid lines and the assay results being commented upon are all individual soil sample data analysed by ALS lab in Perth.
	• *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 (eg 'down hole length, true width not known').*	• No drilling in the soil sampling program.
Diagrams	• *Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.*	• Refer to Figure 1 and 2 of the ASX announcement showing the vanadium and uranium distribution maps from the soil sampling results.
Balanced reporting	• *Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	• The location details and the full list of all the assays obtained from the soil sampling program is included as Appendices 2 and 3.
Other substantive exploration data	• *Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.*	• No other data is material to this soil sampling program. • The historical exploration results have been summarized to the 'ASX Announcement of 5 May 2021'.
Further work	• *The nature and scale of planned further work (eg 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.*	• As the ICP results in Protean's tenement (Gwesan 137) have not verified the continuity of mineralization along NE trending on the surface geochemical anomalies from soil samples, Protean will consider if it will seek to confirm the continuity of subsurface mineralization potential through a drill program. • To expand the exploration target, Protean will consider engaging with the exploration right applicant of the Gwesan 127 tenement.

Appendix 2 - Soil Sample Locations of Gwesan Vanadium Project, South Korea

Sample ID	Tenement No.	Grid Line No.	UTM (WGS84 Z52N)		RL (m)	Sample Type	Sieve (mm)	Comments
			Easting	Northing				
GW21-001	Gwesan 137	Line 1	391048	4064496	268	Soil	1.0	
GW21-002	Gwesan 137	Line 1	391057	4064492	266	Soil	1.0	
GW21-003	Gwesan 137	Line 1	391065	4064487	270	Soil	1.0	
GW21-004	Gwesan 137	Line 1	391074	4064483	270	Soil	1.0	
GW21-005	Gwesan 137	Line 1	391083	4064478	271	Soil	1.0	
GW21-006	Gwesan 137	Line 1	391092	4064472	267	Soil	1.0	
GW21-007	Gwesan 137	Line 1	391101	4064470	266	Soil	1.0	
GW21-008	Gwesan 137	Line 1	391108	4064462	266	Soil	1.0	
GW21-009	Gwesan 137	Line 1	391115	4064458	257	Soil	1.0	
GW21-010						CRM	0.08	GV-01 of Geostats
GW21-011	Gwesan 137	Line 2	391070	4064539	260	Soil	1.0	
GW21-012	Gwesan 137	Line 2	391082	4064538	258	Soil	1.0	
GW21-013	Gwesan 137	Line 2	391092	4064533	262	Soil	1.0	
GW21-014	Gwesan 137	Line 2	391099	4064529	256	Soil	1.0	
GW21-015	Gwesan 137	Line 2	391108	4064525	247	Soil	1.0	
GW21-016	Gwesan 137	Line 2	391118	4064520	243	Soil	1.0	
GW21-017	Gwesan 137	Line 2	391123	4064513	239	Soil	1.0	
GW21-018	Gwesan 137	Line 2	391132	4064509	227	Soil	1.0	
GW21-019	Gwesan 137	Line 2	391142	4064504	230	Soil	1.0	
GW21-020						CRM	0.08	GV-02 of Geostats
GW21-021	Gwesan 137	Line 2	391151	4064500	211	Soil	1.0	
GW21-022	Gwesan 137	Line 2	391165	4064496	221	Soil	1.0	
GW21-023	Gwesan 137	Line 2	391178	4064491	217	Soil	1.0	
GW21-024	Gwesan 137	Line 2	391190	4064483	229	Soil	1.0	
GW21-025	Gwesan 137	Line 2	391205	4064475	234	Soil	1.0	
GW21-026	Gwesan 137	Line 2	391212	4064470	232	Soil	1.0	
GW21-027	Gwesan 137	Line 2	391218	4064465	235	Soil	1.0	
GW21-028	Gwesan 137	Line 2	391227	4064460	237	Soil	1.0	
GW21-029	Gwesan 137	Line 3	391096	4064587	257	Soil	1.0	
GW21-030						BLANK	0.08	Pulverized
GW21-031	Gwesan 137	Line 3	391105	4064583	252	Soil	1.0	
GW21-032	Gwesan 137	Line 3	391114	4064577	249	Soil	1.0	
GW21-033	Gwesan 137	Line 3	391122	4064572	252	Soil	1.0	
GW21-034	Gwesan 137	Line 3	391131	4064565	243	Soil	1.0	
GW21-035	Gwesan 137	Line 3	391141	4064561	237	Soil	1.0	
GW21-036	Gwesan 137	Line 3	391150	4064556	231	Soil	1.0	
GW21-037	Gwesan 127		391720	4065331	156	Soil	1.0	Hansung orebody
GW21-038	Gwesan 127		391702	4065343	165	Soil	1.0	Hansung orebody
GW21-039	Gwesan 127		392069	4066134	182	Soil	1.0	Jungdaejon orebody
GW21-040						CRM	0.08	GV-05 of Geostats
GW21-041	Gwesan 137	Line 3	391158	4064551	242	Soil	1.0	
GW21-042	Gwesan 137	Line 3	391168	4064546	231	Soil	1.0	
GW21-043	Gwesan 137	Line 3	391176	4064540	233	Soil	1.0	

Sample ID	Tenement No.	Grid Line No.	UTM (WGS84 Z52N)		RL (m)	Sample Type	Sieve (mm)	Comments
			Easting	Northing				
GW21-044	Gwesan 137	Line 3	391185	4064536	225	Soil	1.0	
GW21-045	Gwesan 137	Line 3	391191	4064528	214	Soil	1.0	
GW21-046	Gwesan 137	Line 3	391202	4064525	213	Soil	1.0	
GW21-047	Gwesan 137	Line 3	391211	4064520	215	Soil	1.0	
GW21-048	Gwesan 137	Line 3	391217	4064514	212	Soil	1.0	
GW21-049	Gwesan 137	Line 3	391228	4064511	214	Soil	1.0	
GW21-050						CRM	0.08	GU-07 of Geostats
GW21-051	Gwesan 137	Line 3	391236	4064504	222	Soil	1.0	
GW21-052	Gwesan 137	Line 3	391245	4064500	222	Soil	1.0	
GW21-053	Gwesan 137	Line 3	391254	4064496	226	Soil	1.0	
GW21-054	Gwesan 137	Line 3	391265	4064492	238	Soil	1.0	
GW21-055	Gwesan 137	Line 3	391272	4064483	236	Soil	1.0	
GW21-056	Gwesan 137	Line 3	391280	4064482	246	Soil	1.0	
GW21-057	Gwesan 137	Line 3	391289	4064475	252	Soil	1.0	
GW21-058	Gwesan 137	Line 3	391297	4064471	254	Soil	1.0	
GW21-059	Gwesan 137	Line 4	391106	4064637	273	Soil	1.0	
GW21-060						BLANK	0.08	Pulverized
GW21-061	Gwesan 137	Line 4	391114	4064632	267	Soil	1.0	
GW21-062	Gwesan 137	Line 4	391122	4064629	274	Soil	1.0	
GW21-063	Gwesan 137	Line 4	391131	4064624	268	Soil	1.0	
GW21-064	Gwesan 137	Line 4	391139	4064620	261	Soil	1.0	
GW21-065	Gwesan 137	Line 4	391147	4064615	258	Soil	1.0	
GW21-066	Gwesan 137	Line 4	391157	4064610	259	Soil	1.0	
GW21-067	Gwesan 137	Line 4	391165	4064606	252	Soil	1.0	
GW21-068	Gwesan 137	Line 4	391173	4064602	249	Soil	1.0	
GW21-069	Gwesan 137	Line 4	391182	4064598	237	Soil	1.0	
GW21-070						CRM	0.08	GU-09 of Geostats
GW21-071	Gwesan 137	Line 4	391191	4064592	238	Soil	1.0	
GW21-072	Gwesan 137	Line 4	391199	4064586	235	Soil	1.0	
GW21-073	Gwesan 137	Line 4	391209	4064583	234	Soil	1.0	
GW21-074	Gwesan 137	Line 4	391217	4064576	228	Soil	1.0	
GW21-075	Gwesan 137	Line 4	391225	4064570	231	Soil	1.0	
GW21-076	Gwesan 137	Line 4	391235	4064566	227	Soil	1.0	
GW21-077	Gwesan 137	Line 4	391243	4064562	222	Soil	1.0	
GW21-078	Gwesan 137	Line 4	391251	4064558	220	Soil	1.0	
GW21-079	Gwesan 137	Line 4	391255	4064553	214	Soil	1.0	
GW21-080						CRM	0.08	GU-11 of Geostats
GW21-081	Gwesan 137	Line 4	391262	4064550	222	Soil	1.0	
GW21-082	Gwesan 137	Line 4	391271	4064545	198	Soil	1.0	
GW21-083	Gwesan 137	Line 4	391280	4064540	210	Soil	1.0	
GW21-084	Gwesan 137	Line 4	391288	4064533	221	Soil	1.0	
GW21-085	Gwesan 137	Line 4	391297	4064531	220	Soil	1.0	
GW21-086	Gwesan 137	Line 4	391306	4064525	225	Soil	1.0	
GW21-087	Gwesan 137	Line 4	391313	4064519	234	Soil	1.0	
GW21-088	Gwesan 137	Line 4	391322	4064516	233	Soil	1.0	

Sample ID	Tenement No.	Grid Line No.	UTM (WGS84 Z52N)		RL (m)	Sample Type	Sieve (mm)	Comments
			Easting	Northing				
GW21-089	Gwesan 137	Line 5	391120	4064685	280	Soil	1.0	
GW21-090						BLANK	0.08	Pulverized
GW21-091	Gwesan 127		392113	4066177	193	Soil	1.0	Jungdaejon orebody
GW21-092	Gwesan 127		392121	4066199	199	Soil	1.0	Jungdaejon orebody
GW21-093	Gwesan 127		392838	4066116	156	Soil	1.0	Dukpyung orebody
GW21-094	Gwesan 137	Line 5	391129	4064680	279	Soil	1.0	
GW21-095	Gwesan 137	Line 5	391137	4064678	277	Soil	1.0	
GW21-096	Gwesan 137	Line 5	391146	4064672	284	Soil	1.0	
GW21-097	Gwesan 137	Line 5	391155	4064667	274	Soil	1.0	
GW21-098	Gwesan 137	Line 5	391163	4064662	276	Soil	1.0	
GW21-099	Gwesan 137	Line 5	391171	4064655	273	Soil	1.0	
GW21-100						CRM	0.08	GV-01 of Geostats
GW21-101	Gwesan 137	Line 5	391180	4064651	267	Soil	1.0	
GW21-102	Gwesan 137	Line 5	391189	4064646	253	Soil	1.0	
GW21-103	Gwesan 137	Line 5	391199	4064642	253	Soil	1.0	
GW21-104	Gwesan 137	Line 5	391207	4064637	251	Soil	1.0	
GW21-105	Gwesan 137	Line 5	391219	4064630	248	Soil	1.0	
GW21-106	Gwesan 137	Line 5	391226	4064627	240	Soil	1.0	
GW21-107	Gwesan 137	Line 5	391231	4064619	242	Soil	1.0	
GW21-108	Gwesan 137	Line 5	391240	4064614	224	Soil	1.0	
GW21-109	Gwesan 137	Line 5	391251	4064610	231	Soil	1.0	
GW21-110						CRM	0.08	GV-02 of Geostats
GW21-111	Gwesan 137	Line 5	391261	4064607	230	Soil	1.0	
GW21-112	Gwesan 137	Line 5	391270	4064605	220	Soil	1.0	
GW21-113	Gwesan 137	Line 5	391282	4064602	221	Soil	1.0	
GW21-114	Gwesan 137	Line 5	391288	4064593	212	Soil	1.0	
GW21-115	Gwesan 137	Line 5	391295	4064590	213	Soil	1.0	
GW21-116	Gwesan 137	Line 5	391303	4064582	211	Soil	1.0	
GW21-117	Gwesan 137	Line 5	391313	4064578	201	Soil	1.0	
GW21-118	Gwesan 137	Line 5	391321	4064573	209	Soil	1.0	
GW21-119	Gwesan 137	Line 5	391331	4064573	184	Soil	1.0	
GW21-120						BLANK	0.08	Pulverized
GW21-121	Gwesan 137	Line 5	391336	4064568	187	Soil	1.0	
GW21-122	Gwesan 137	Line 5	391343	4064565	195	Soil	1.0	
GW21-123	Gwesan 137	Line 5	391348	4064557	202	Soil	1.0	
GW21-124	Gwesan 137	Line 6	391145	4064728	278	Soil	1.0	
GW21-125	Gwesan 137	Line 6	391152	4064725	280	Soil	1.0	
GW21-126	Gwesan 137	Line 6	391161	4064720	282	Soil	1.0	
GW21-127	Gwesan 137	Line 6	391171	4064716	285	Soil	1.0	
GW21-128	Gwesan 137	Line 6	391180	4064710	283	Soil	1.0	
GW21-129	Gwesan 137	Line 6	391189	4064704	275	Soil	1.0	
GW21-130						CRM	0.08	GV-05 of Geostats
GW21-131	Gwesan 137	Line 6	391198	4064700	275	Soil	1.0	
GW21-132	Gwesan 137	Line 6	391207	4064696	267	Soil	1.0	
GW21-133	Gwesan 137	Line 6	391215	4064692	266	Soil	1.0	

Sample ID	Tenement No.	Grid Line No.	UTM (WGS84 Z52N)		RL (m)	Sample Type	Sieve (mm)	Comments
			Easting	Northing				
GW21-134	Gwesan 137	Line 6	391222	4064685	264	Soil	1.0	
GW21-135	Gwesan 137	Line 6	391234	4064681	261	Soil	1.0	
GW21-136	Gwesan 137	Line 6	391241	4064676	271	Soil	1.0	
GW21-137	Gwesan 137	Line 6	391249	4064670	268	Soil	1.0	
GW21-138	Gwesan 137	Line 6	391259	4064666	269	Soil	1.0	
GW21-139	Gwesan 137	Line 6	391267	4064660	265	Soil	1.0	
GW21-140						CRM	0.08	GU-07 of Geostats
GW21-141	Gwesan 127		392815	4066095	147	Soil	1.0	Dukpyung orebody
GW21-142	Gwesan 127		392753	4065939	189	Soil	1.0	Dukpyung orebody
GW21-143	Gwesan 127		392712	4065924	201	Soil	1.0	Dukpyung orebody
GW21-144	Gwesan 137	Line 6	391274	4064654	258	Soil	1.0	
GW21-145	Gwesan 137	Line 6	391283	4064650	251	Soil	1.0	
GW21-146	Gwesan 137	Line 6	391293	4064647	245	Soil	1.0	
GW21-147	Gwesan 137	Line 6	391301	4064642	236	Soil	1.0	
GW21-148	Gwesan 137	Line 6	391309	4064635	228	Soil	1.0	
GW21-149	Gwesan 137	Line 6	391320	4064633	216	Soil	1.0	
GW21-150						BLANK	0.08	Pulverized
GW21-151	Gwesan 137	Line 6	391326	4064628	201	Soil	1.0	
GW21-152	Gwesan 137	Line 6	391332	4064620	193	Soil	1.0	
GW21-153	Gwesan 137	Line 6	391345	4064617	195	Soil	1.0	
GW21-154	Gwesan 137	Line 6	391353	4064612	199	Soil	1.0	
GW21-155	Gwesan 137	Line 6	391362	4064606	188	Soil	1.0	
GW21-156	Gwesan 137	Line 6	391372	4064601	186	Soil	1.0	
GW21-157	Gwesan 137	Line 7	391162	4064779	274	Soil	1.0	
GW21-158	Gwesan 137	Line 7	391170	4064775	272	Soil	1.0	
GW21-159	Gwesan 137	Line 7	391180	4064768	272	Soil	1.0	
GW21-160						CRM	0.08	GU-09 of Geostats
GW21-161	Gwesan 137	Line 7	391188	4064764	273	Soil	1.0	
GW21-162	Gwesan 137	Line 7	391196	4064758	276	Soil	1.0	
GW21-163	Gwesan 137	Line 7	391205	4064754	276	Soil	1.0	
GW21-164	Gwesan 137	Line 7	391215	4064751	280	Soil	1.0	
GW21-165	Gwesan 137	Line 7	391222	4064745	276	Soil	1.0	
GW21-166	Gwesan 137	Line 7	391232	4064741	267	Soil	1.0	
GW21-167	Gwesan 137	Line 7	391243	4064738	271	Soil	1.0	
GW21-168	Gwesan 137	Line 7	391251	4064734	272	Soil	1.0	
GW21-169	Gwesan 137	Line 7	391260	4064728	266	Soil	1.0	
GW21-170						CRM	0.08	GU-11 of Geostats
GW21-171	Gwesan 137	Line 7	391266	4064721	266	Soil	1.0	
GW21-172	Gwesan 137	Line 7	391274	4064715	262	Soil	1.0	
GW21-173	Gwesan 137	Line 7	391282	4064710	257	Soil	1.0	
GW21-174	Gwesan 137	Line 7	391293	4064704	259	Soil	1.0	
GW21-175	Gwesan 137	Line 7	391302	4064700	255	Soil	1.0	
GW21-176	Gwesan 137	Line 7	391309	4064696	249	Soil	1.0	
GW21-177	Gwesan 137	Line 7	391317	4064691	245	Soil	1.0	
GW21-178	Gwesan 137	Line 7	391325	4064686	236	Soil	1.0	

Sample ID	Tenement No.	Grid Line No.	UTM (WGS84 Z52N)		RL (m)	Sample Type	Sieve (mm)	Comments
			Easting	Northing				
GW21-179	Gwesan 137	Line 7	391333	4064678	229	Soil	1.0	
GW21-180						BLANK	0.08	Pulverized
GW21-181	Gwesan 137	Line 7	391342	4064674	221	Soil	1.0	
GW21-182	Gwesan 137	Line 7	391353	4064669	219	Soil	1.0	
GW21-183	Gwesan 137	Line 7	391362	4064665	212	Soil	1.0	
GW21-184	Gwesan 137	Line 7	391371	4064659	203	Soil	1.0	
GW21-185	Gwesan 137	Line 7	391379	4064655	191	Soil	1.0	
GW21-186	Gwesan 137	Line 7	391387	4064648	181	Soil	1.0	
GW21-187	Gwesan 137	Line 7	391399	4064647	188	Soil	1.0	
GW21-188	Gwesan 127		392668	4065939	202	Soil	1.0	Dukpyung orebody
GW21-189	Gwesan 127		392435	4065708	195	Soil	1.0	Dukpyung orebody
GW21-190						CRM	0.08	GV-01 of Geostats
GW21-191	Gwesan 137	Line 8	391178	4064826	254	Soil	1.0	
GW21-192	Gwesan 137	Line 8	391189	4064824	251	Soil	1.0	
GW21-193	Gwesan 137	Line 8	391194	4064816	258	Soil	1.0	
GW21-194	Gwesan 137	Line 8	391203	4064812	260	Soil	1.0	
GW21-195	Gwesan 137	Line 8	391211	4064804	263	Soil	1.0	
GW21-196	Gwesan 137	Line 8	391220	4064800	265	Soil	1.0	
GW21-197	Gwesan 137	Line 8	391228	4064796	266	Soil	1.0	
GW21-198	Gwesan 137	Line 8	391235	4064792	275	Soil	1.0	
GW21-199	Gwesan 137	Line 8	391243	4064786	273	Soil	1.0	
GW21-200						CRM	0.08	GV-02 of Geostats
GW21-201	Gwesan 137	Line 8	391251	4064785	266	Soil	1.0	
GW21-202	Gwesan 137	Line 8	391262	4064781	264	Soil	1.0	
GW21-203	Gwesan 137	Line 8	391269	4064775	260	Soil	1.0	
GW21-204	Gwesan 137	Line 8	391282	4064774	253	Soil	1.0	
GW21-205	Gwesan 137	Line 8	391295	4064765	245	Soil	1.0	
GW21-206	Gwesan 137	Line 8	391308	4064760	238	Soil	1.0	
GW21-207	Gwesan 137	Line 8	391320	4064756	235	Soil	1.0	
GW21-208	Gwesan 137	Line 8	391329	4064748	231	Soil	1.0	
GW21-209	Gwesan 137	Line 8	391334	4064741	224	Soil	1.0	
GW21-210						BLANK	0.08	Pulverized
GW21-211	Gwesan 137	Line 8	391344	4064738	221	Soil	1.0	
GW21-212	Gwesan 137	Line 8	391351	4064731	215	Soil	1.0	
GW21-213	Gwesan 137	Line 8	391362	4064728	216	Soil	1.0	
GW21-214	Gwesan 137	Line 8	391373	4064723	207	Soil	1.0	
GW21-215	Gwesan 137	Line 8	391377	4064716	201	Soil	1.0	
GW21-216	Gwesan 137	Line 8	391387	4064711	201	Soil	1.0	
GW21-217	Gwesan 137	Line 8	391397	4064706	192	Soil	1.0	
GW21-218	Gwesan 137	Line 8	391403	4064700	189	Soil	1.0	
GW21-219	Gwesan 137	Line 8	391413	4064693	191	Soil	1.0	
GW21-220						CRM	0.08	GV-05 of Geostats
GW21-221	Gwesan 137	Line 9	391194	4064878	246	Soil	1.0	
GW21-222	Gwesan 137	Line 9	391205	4064875	250	Soil	1.0	
GW21-223	Gwesan 137	Line 9	391213	4064867	261	Soil	1.0	

Sample ID	Tenement No.	Grid Line No.	UTM (WGS84 Z52N)		RL (m)	Sample Type	Sieve (mm)	Comments
			Easting	Northing				
GW21-224	Gwesan 137	Line 9	391219	4064863	259	Soil	1.0	
GW21-225	Gwesan 137	Line 9	391229	4064858	257	Soil	1.0	
GW21-226	Gwesan 137	Line 9	391240	4064859	269	Soil	1.0	
GW21-227	Gwesan 137	Line 9	391253	4064858	276	Soil	1.0	
GW21-228	Gwesan 137	Line 9	391257	4064849	277	Soil	1.0	
GW21-229	Gwesan 137	Line 9	391264	4064839	272	Soil	1.0	
GW21-230						CRM	0.08	GU-07 of Geostats
GW21-231	Gwesan 137	Line 9	391276	4064832	269	Soil	1.0	
GW21-232	Gwesan 137	Line 9	391284	4064824	267	Soil	1.0	
GW21-233	Gwesan 137	Line 9	391293	4064823	254	Soil	1.0	
GW21-234	Gwesan 137	Line 9	391297	4064815	255	Soil	1.0	
GW21-235	Gwesan 137	Line 9	391307	4064815	250	Soil	1.0	
GW21-236	Gwesan 137	Line 9	391313	4064807	252	Soil	1.0	
GW21-237	Gwesan 137	Line 9	391323	4064802	246	Soil	1.0	
GW21-238	Gwesan 137	Line 9	391330	4064795	245	Soil	1.0	
GW21-239	Gwesan 137	Line 9	391339	4064794	238	Soil	1.0	
GW21-240						BLANK	0.08	Pulverized
GW21-241	Gwesan 137	Line 9	391346	4064790	235	Soil	1.0	
GW21-242	Gwesan 137	Line 9	391358	4064788	227	Soil	1.0	
GW21-243	Gwesan 137	Line 9	391362	4064777	222	Soil	1.0	
GW21-244	Gwesan 137	Line 9	391371	4064771	212	Soil	1.0	
GW21-245	Gwesan 137	Line 9	391384	4064768	206	Soil	1.0	
GW21-246	Gwesan 137	Line 9	391395	4064770	202	Soil	1.0	
GW21-247	Gwesan 137	Line 9	391404	4064765	204	Soil	1.0	
GW21-248	Gwesan 137	Line 9	391410	4064758	197	Soil	1.0	
GW21-249	Gwesan 137	Line 10	391219	4064921	254	Soil	1.0	
GW21-250						CRM	0.08	GU-09 of Geostats
GW21-251	Gwesan 137	Line 10	391226	4064907	249	Soil	1.0	
GW21-252	Gwesan 137	Line 10	391231	4064898	255	Soil	1.0	
GW21-253	Gwesan 137	Line 10	391239	4064895	260	Soil	1.0	
GW21-254	Gwesan 137	Line 10	391251	4064894	267	Soil	1.0	
GW21-255	Gwesan 137	Line 10	391258	4064885	270	Soil	1.0	
GW21-256	Gwesan 137	Line 10	391266	4064881	276	Soil	1.0	
GW21-257	Gwesan 137	Line 10	391275	4064880	279	Soil	1.0	
GW21-258	Gwesan 137	Line 10	391285	4064875	282	Soil	1.0	
GW21-259	Gwesan 137	Line 10	391297	4064868	279	Soil	1.0	
GW21-260						CRM	0.08	GU-11 of Geostats
GW21-261	Gwesan 137	Line 10	391307	4064864	276	Soil	1.0	
GW21-262	Gwesan 137	Line 10	391313	4064859	272	Soil	1.0	
GW21-263	Gwesan 137	Line 10	391321	4064853	267	Soil	1.0	
GW21-264	Gwesan 137	Line 10	391328	4064847	265	Soil	1.0	
GW21-265	Gwesan 137	Line 10	391340	4064846	265	Soil	1.0	
GW21-266	Gwesan 137	Line 10	391349	4064839	262	Soil	1.0	
GW21-267	Gwesan 137	Line 10	391361	4064837	258	Soil	1.0	
GW21-268	Gwesan 137	Line 10	391370	4064828	258	Soil	1.0	

Sample ID	Tenement No.	Grid Line No.	UTM (WGS84 Z52N)		RL (m)	Sample Type	Sieve (mm)	Comments
			Easting	Northing				
GW21-269	Gwesan 137	Line 10	391378	4064821	256	Soil	1.0	
GW21-270						BLANK	0.08	Pulverized
GW21-271	Gwesan 137	Line 10	391389	4064821	254	Soil	1.0	
GW21-272	Gwesan 137	Line 10	391401	4064815	245	Soil	1.0	
GW21-273	Gwesan 137	Line 10	391414	4064809	240	Soil	1.0	
GW21-274	Gwesan 137	Line 11	391240	4064960	0	Soil	1.0	
GW21-275	Gwesan 137	Line 11	391249	4064952	261	Soil	1.0	
GW21-276	Gwesan 137	Line 11	391257	4064947	263	Soil	1.0	
GW21-277	Gwesan 137	Line 11	391266	4064944	266	Soil	1.0	
GW21-278	Gwesan 137	Line 11	391276	4064937	271	Soil	1.0	
GW21-279	Gwesan 137	Line 11	391289	4064934	270	Soil	1.0	
GW21-280						CRM	0.08	GV-01 of Geostats
GW21-281	Gwesan 127		392419	4065728	199	Soil	1.0	Dukpyung orebody
GW21-282	Gwesan 127		392409	4065733	198	Soil	1.0	Dukpyung orebody
GW21-283	Gwesan 127		392363	4065754	207	Soil	1.0	Dukpyung orebody
GW21-284	Gwesan 137	Line 11	391304	4064931	271	Soil	1.0	
GW21-285	Gwesan 137	Line 11	391315	4064929	268	Soil	1.0	
GW21-286	Gwesan 137	Line 11	391326	4064925	269	Soil	1.0	
GW21-287	Gwesan 137	Line 11	391336	4064917	265	Soil	1.0	
GW21-288	Gwesan 137	Line 11	391346	4064914	264	Soil	1.0	
GW21-289	Gwesan 137	Line 11	391357	4064907	264	Soil	1.0	
GW21-290						CRM	0.08	GV-02 of Geostats
GW21-291	Gwesan 137	Line 11	391359	4064897	267	Soil	1.0	
GW21-292	Gwesan 137	Line 11	391364	4064888	270	Soil	1.0	
GW21-293	Gwesan 137	Line 11	391376	4064882	273	Soil	1.0	
GW21-294	Gwesan 137	Line 11	391383	4064875	275	Soil	1.0	
GW21-295	Gwesan 137	Line 11	391395	4064873	276	Soil	1.0	
GW21-296	Gwesan 137	Line 11	391403	4064869	274	Soil	1.0	
GW21-297	Gwesan 137	Line 11	391414	4064862	273	Soil	1.0	
GW21-298	Gwesan 137	Line 12	391248	4065009	222	Soil	1.0	
GW21-299	Gwesan 137	Line 12	391264	4065010	228	Soil	1.0	
GW21-300						BLANK	0.08	Pulverized
GW21-301	Gwesan 137	Line 12	391277	4065008	231	Soil	1.0	
GW21-302	Gwesan 137	Line 12	391284	4064996	240	Soil	1.0	
GW21-303	Gwesan 137	Line 12	391293	4064990	244	Soil	1.0	
GW21-304	Gwesan 137	Line 12	391300	4064983	247	Soil	1.0	
GW21-305	Gwesan 137	Line 12	391313	4064978	252	Soil	1.0	
GW21-306	Gwesan 137	Line 12	391321	4064972	259	Soil	1.0	
GW21-307	Gwesan 137	Line 12	391332	4064971	264	Soil	1.0	
GW21-308	Gwesan 137	Line 12	391345	4064964	262	Soil	1.0	
GW21-309	Gwesan 137	Line 12	391356	4064960	266	Soil	1.0	
GW21-310						CRM	0.08	GV-05 of Geostats
GW21-311	Gwesan 137	Line 12	391367	4064953	263	Soil	1.0	
GW21-312	Gwesan 137	Line 12	391374	4064948	255	Soil	1.0	
GW21-313	Gwesan 137	Line 12	391381	4064939	250	Soil	1.0	

Sample ID	Tenement No.	Grid Line No.	UTM (WGS84 Z52N)		RL (m)	Sample Type	Sieve (mm)	Comments
			Easting	Northing				
GW21-314	Gwesan 137	Line 12	391390	4064936	249	Soil	1.0	
GW21-315	Gwesan 137	Line 12	391396	4064931	244	Soil	1.0	
GW21-316	Gwesan 137	Line 12	391404	4064928	246	Soil	1.0	
GW21-317	Gwesan 137	Line 12	391411	4064930	246	Soil	1.0	
GW21-318	Gwesan 137	Line 13	391279	4065051	221	Soil	1.0	
GW21-319	Gwesan 137	Line 13	391291	4065048	218	Soil	1.0	
GW21-320						CRM	0.08	GU-07 of Geostats
GW21-321	Gwesan 137	Line 13	391304	4065042	218	Soil	1.0	
GW21-322	Gwesan 137	Line 13	391307	4065035	219	Soil	1.0	
GW21-323	Gwesan 137	Line 13	391320	4065021	232	Soil	1.0	
GW21-324	Gwesan 137	Line 13	391332	4065015	232	Soil	1.0	
GW21-325	Gwesan 137	Line 13	391341	4065015	234	Soil	1.0	
GW21-326	Gwesan 137	Line 13	391352	4065013	240	Soil	1.0	
GW21-327	Gwesan 137	Line 13	391359	4065012	237	Soil	1.0	
GW21-328	Gwesan 137	Line 13	391369	4065010	234	Soil	1.0	
GW21-329	Gwesan 137	Line 13	391378	4065007	231	Soil	1.0	
GW21-330						BLANK	0.08	Pulverized
GW21-331	Gwesan 127		392355	4065773	205	Soil	1.0	Dukpyung orebody
GW21-332	Gwesan 127		392412	4065894	160	Soil	1.0	Dukpyung orebody
GW21-333	Gwesan 127		392429	4065859	159	Soil	1.0	Dukpyung orebody
GW21-334	Gwesan 137	Line 13	391387	4065000	225	Soil	1.0	
GW21-335	Gwesan 137	Line 13	391397	4064996	220	Soil	1.0	
GW21-336	Gwesan 137	Line 13	391408	4064986	229	Soil	1.0	
GW21-337	Gwesan 137	Line 13	391417	4064972	220	Soil	1.0	
GW21-338	Gwesan 137	Line 14	391324	4065093	198	Soil	1.0	
GW21-339	Gwesan 137	Line 14	391332	4065086	199	Soil	1.0	
GW21-340						CRM	0.08	GU-09 of Geostats
GW21-341	Gwesan 137	Line 14	391340	4065077	201	Soil	1.0	
GW21-342	Gwesan 137	Line 14	391347	4065066	208	Soil	1.0	
GW21-343	Gwesan 137	Line 14	391359	4065067	208	Soil	1.0	
GW21-344	Gwesan 137	Line 14	391368	4065055	211	Soil	1.0	
GW21-345	Gwesan 137	Line 14	391382	4065052	205	Soil	1.0	
GW21-346	Gwesan 137	Line 14	391393	4065051	199	Soil	1.0	
GW21-347	Gwesan 137	Line 14	391402	4065042	199	Soil	1.0	
GW21-348	Gwesan 137	Line 14	391412	4065038	199	Soil	1.0	
GW21-349	Gwesan 137	Line 14	391419	4065028	202	Soil	1.0	
GW21-350						CRM	0.08	GU-11 of Geostats
GW21-351	Gwesan 137	Line 15	391340	4065117	180	Soil	1.0	
GW21-352	Gwesan 137	Line 15	391350	4065119	184	Soil	1.0	
GW21-353	Gwesan 137	Line 15	391362	4065117	185	Soil	1.0	
GW21-354	Gwesan 137	Line 15	391371	4065113	185	Soil	1.0	
GW21-355	Gwesan 137	Line 15	391382	4065105	184	Soil	1.0	
GW21-356	Gwesan 137	Line 15	391391	4065105	183	Soil	1.0	
GW21-357	Gwesan 137	Line 15	391396	4065096	186	Soil	1.0	
GW21-358	Gwesan 137	Line 15	391408	4065091	184	Soil	1.0	

Sample ID	Tenement No.	Grid Line No.	UTM (WGS84 Z52N)		RL (m)	Sample Type	Sieve (mm)	Comments
			Easting	Northing				
GW21-359	Gwesan 137	Line 15	391415	4065089	184	Soil	1.0	
GW21-360						BLANK	0.08	Pulverized
GW21-361	Gwesan 137	Line 16	391386	4065169	188	Soil	1.0	
GW21-362	Gwesan 137	Line 16	391392	4065164	183	Soil	1.0	
GW21-363	Gwesan 137	Line 16	391401	4065159	189	Soil	1.0	
GW21-364	Gwesan 137	Line 16	391407	4065154	192	Soil	1.0	
GW21-365	Gwesan 137	Line 16	391412	4065151	199	Soil	1.0	
GW21-366	Gwesan 137	Line 16	391420	4065148	198	Soil	1.0	
GW21-367	Gwesan 127		391702	4065343	165	Soil	1.0	DUP of GW21-038
GW21-368	Gwesan 127		392113	4066177	193	Soil	1.0	DUP of GW21-091
GW21-369	Gwesan 127		392815	4066095	147	Soil	1.0	DUP of GW21-141
GW21-370						CRM	0.08	GV-01 of Geostats
GW21-371	Gwesan 127		392409	4065733	198	Soil	1.0	DUP of GW21-282
GW21-372	Gwesan 137	Line 1	391108	4064462	266	Soil	1.0	DUP of GW21-008
GW21-373	Gwesan 137	Line 2	391165	4064496	221	Soil	1.0	DUP of GW21-022
GW21-374	Gwesan 137	Line 3	391150	4064556	231	Soil	1.0	DUP of GW21-036
GW21-375	Gwesan 137	Line 3	391245	4064500	222	Soil	1.0	DUP of GW21-052
GW21-376	Gwesan 137	Line 4	391131	4064624	268	Soil	1.0	DUP of GW21-063
GW21-377	Gwesan 137	Line 4	391225	4064570	231	Soil	1.0	DUP of GW21-075
GW21-378	Gwesan 137	Line 5	391171	4064655	273	Soil	1.0	DUP of GW21-099
GW21-379	Gwesan 137	Line 5	391295	4064590	213	Soil	1.0	DUP of GW21-115
GW21-380						CRM	0.08	GV-02 of Geostats
GW21-381	Gwesan 137	Line 6	391171	4064716	285	Soil	1.0	DUP of GW21-127
GW21-382	Gwesan 137	Line 6	391309	4064635	228	Soil	1.0	DUP of GW21-148
GW21-383	Gwesan 137	Line 7	391282	4064710	257	Soil	1.0	DUP of GW21-173
GW21-384	Gwesan 137	Line 7	391325	4064686	236	Soil	1.0	DUP of GW21-178
GW21-385	Gwesan 137	Line 8	391189	4064824	251	Soil	1.0	DUP of GW21-192
GW21-386	Gwesan 137	Line 8	391373	4064723	207	Soil	1.0	DUP of GW21-214
GW21-387	Gwesan 137	Line 9	391219	4064863	259	Soil	1.0	DUP of GW21-224
GW21-388	Gwesan 137	Line 9	391313	4064807	252	Soil	1.0	DUP of GW21-236
GW21-389	Gwesan 137	Line 10	391275	4064880	279	Soil	1.0	DUP of GW21-257
GW21-390						CRM	0.08	GU-07 of Geostats
GW21-391	Gwesan 137	Line 10	391414	4064809	240	Soil	1.0	DUP of GW21-273
GW21-392	Gwesan 137	Line 11	391249	4064952	261	Soil	1.0	DUP of GW21-289
GW21-393	Gwesan 137	Line 12	391381	4064939	250	Soil	1.0	DUP of GW21-313
GW21-394	Gwesan 137	Line 13	391304	4065042	218	Soil	1.0	DUP of GW21-321
GW21-395	Gwesan 137	Line 13	391320	4065021	232	Soil	1.0	DUP of GW21-323
GW21-396	Gwesan 137	Line 14	391347	4065066	208	Soil	1.0	DUP of GW21-342
GW21-397	Gwesan 137	Line 14	391368	4065055	211	Soil	1.0	DUP of GW21-344
GW21-398	Gwesan 137	Line 15	391340	4065117	180	Soil	1.0	DUP of GW21-351
GW21-399	Gwesan 137	Line 16	391412	4065151	199	Soil	1.0	DUP of GW21-365
GW21-400						CRM	0.08	GU-09 of Geostats

Appendix 3 - Soil Sample ICP Results analysed from ALS Perth laboratory

(LOD – Below Limits of Detection)

Sample Description	Method	WEI-21	PUL-QC	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Pass75um	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
GW21-001		0.23	99.0	0.08	7.51	5.2	820	2.95	0.51	0.16	0.08	86.9	15.0	75	11.40	51.8
GW21-002		0.22		0.08	7.75	5.3	890	3.18	0.50	0.16	0.08	88.6	15.6	76	12.25	46.4
GW21-003		0.22		0.19	7.47	5.3	830	3.04	0.49	0.15	0.09	79.4	15.1	72	10.90	47.8
GW21-004		0.24		0.07	7.87	4.3	910	3.20	0.42	0.12	0.08	109.5	15.4	71	14.85	44.4
GW21-005		0.23		0.14	7.83	5.1	850	3.18	0.49	0.15	0.10	91.9	15.6	75	13.25	44.6
GW21-006		0.24		0.07	7.33	5.0	920	2.73	0.49	0.24	0.11	77.4	15.5	64	11.75	48.4
GW21-007		0.22		0.08	7.17	4.3	1160	2.85	0.53	0.33	0.10	77.3	16.1	53	11.50	43.6
GW21-008		0.23		0.07	7.77	3.9	1320	3.04	0.50	0.29	0.10	79.9	15.9	61	11.55	41.3
GW21-009		0.24		0.04	8.24	4.1	1770	3.26	0.45	0.26	0.10	112.5	18.7	65	17.85	39.1
GW21-010		0.02		0.06	2.35	6.5	10	0.06	0.01	0.05	0.04	2.89	179.5	4060	<0.05	196.0
GW21-011		0.22		0.04	8.03	4.4	1420	2.98	0.59	0.38	0.09	79.1	15.5	63	11.05	39.1
GW21-012		0.24		0.03	7.99	6.9	1310	3.18	0.46	0.44	0.08	116.0	18.2	63	11.80	41.4
GW21-013		0.22		0.09	8.26	5.1	1310	3.17	0.52	0.46	0.12	115.0	19.0	68	9.27	47.4
GW21-014		0.24		0.04	8.14	6.9	1230	3.06	0.56	0.56	0.10	97.3	18.8	71	7.95	40.1
GW21-015		0.24		0.04	7.92	5.0	1220	2.98	0.54	0.35	0.09	95.2	17.3	65	9.12	45.4
GW21-016		0.23		0.04	7.61	6.7	1230	2.90	0.42	0.61	0.10	113.5	17.2	65	9.51	44.5
GW21-017		0.23		0.04	7.35	5.6	1130	2.68	0.41	0.54	0.09	83.7	14.3	64	8.69	36.7
GW21-018		0.24		0.03	7.45	6.7	1180	2.98	0.47	0.36	0.07	83.1	16.2	56	11.20	42.6
GW21-019		0.24		0.02	7.69	3.8	1520	3.20	0.40	0.44	0.07	85.9	14.9	56	11.85	42.5
GW21-020		0.02		0.12	5.42	19.1	20	0.15	0.04	1.58	0.11	4.15	163.5	3000	0.10	328
GW21-021		0.22		0.07	7.68	7.4	1240	2.98	0.51	0.58	0.25	122.5	19.1	67	11.05	60.0
GW21-022		0.20		0.17	6.52	8.0	970	2.47	0.54	0.38	0.19	70.2	16.9	63	8.43	43.6
GW21-023		0.21		0.09	7.05	10.2	860	2.40	0.55	0.23	0.10	80.9	18.2	70	8.51	44.9
GW21-024		0.25		0.10	6.50	10.2	720	1.93	0.58	0.25	0.15	79.3	17.6	67	8.35	37.8
GW21-025		0.22		0.15	6.71	14.2	710	2.28	0.86	0.21	0.14	76.7	17.5	72	9.41	51.9
GW21-026		0.24		0.16	6.18	17.2	640	2.21	0.93	0.21	0.17	80.4	17.3	69	8.98	51.3
GW21-027		0.22		0.20	6.71	15.8	700	2.49	1.07	0.20	0.19	81.2	22.3	73	11.30	61.6
GW21-028		0.25		0.19	6.55	13.6	640	2.30	0.94	0.19	0.16	84.3	25.9	70	11.20	56.5
GW21-029		0.22		0.07	7.52	5.6	1110	2.67	0.50	0.44	0.08	77.0	15.2	56	13.45	42.3
GW21-030		0.02		0.02	0.11	0.3	30	<0.05	0.01	0.01	0.02	2.77	246	3	<0.05	2.0
GW21-031		0.22		0.03	7.89	3.9	1750	3.24	0.54	0.43	0.06	89.7	15.8	58	12.35	49.3
GW21-032		0.23		0.07	7.91	7.7	1100	2.90	0.54	0.63	0.25	130.0	18.9	71	7.28	52.0
GW21-033		0.24		0.05	7.59	9.1	1040	2.83	0.53	1.00	0.18	121.0	17.2	62	7.83	48.2
GW21-034		0.22		0.03	8.49	5.9	1390	3.29	0.63	0.41	0.07	150.0	20.7	63	13.05	45.9
GW21-035		0.23		0.11	8.07	9.1	1140	3.17	0.64	0.77	0.39	146.5	20.4	74	7.15	61.0
GW21-036		0.23		0.24	6.56	6.7	980	2.67	0.66	0.92	0.30	122.5	19.0	68	7.19	98.9
GW21-037		0.24		3.02	5.81	587	3370	4.24	1.25	0.35	1.62	108.5	19.5	116	8.69	122.0
GW21-038		0.25		6.74	4.35	1405	3430	5.95	1.81	0.45	3.69	111.5	13.9	126	6.98	163.5
GW21-039		0.21		1.83	7.32	22.0	6560	2.84	0.82	0.18	0.84	91.9	14.5	110	6.75	115.0
GW21-040		0.02		0.01	3.84	0.6	250	0.41	0.02	2.62	0.08	18.50	161.0	33	1.34	41.3

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ce	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
GW21-001		4.82	20.4	0.09	1.9	0.069	1.84	40.7	60.5	4.24	791	1.18	0.13	11.3	43.4	370
GW21-002		4.99	21.4	0.15	1.8	0.079	2.03	39.9	63.7	4.74	909	0.99	0.12	11.2	43.2	390
GW21-003		4.66	20.6	0.08	1.8	0.062	2.10	35.8	58.5	3.84	704	1.38	0.16	12.0	43.3	450
GW21-004		5.00	22.2	0.16	1.9	0.075	2.11	54.3	68.4	5.49	819	0.88	0.10	11.8	42.7	290
GW21-005		4.98	21.8	0.12	1.9	0.076	1.94	44.9	67.0	4.94	939	0.89	0.14	12.0	44.0	380
GW21-006		4.44	20.1	0.09	1.5	0.065	2.03	36.2	65.4	4.42	1020	0.78	0.14	10.9	45.6	420
GW21-007		4.51	20.2	0.12	1.2	0.070	2.37	36.8	59.5	3.55	894	0.64	0.12	12.0	42.1	310
GW21-008		4.50	21.6	0.10	1.3	0.072	2.44	35.7	56.7	3.06	748	0.80	0.16	12.8	41.8	300
GW21-009		4.84	23.2	0.11	1.2	0.078	3.48	37.5	60.6	2.72	718	0.70	0.15	13.8	41.5	310
GW21-010		46.4	40.2	0.51	0.5	0.101	0.01	1.0	4.4	0.67	1005	0.46	0.01	1.2	663	40
GW21-011		4.69	21.3	0.13	1.2	0.080	3.00	42.2	52.4	2.74	684	0.74	0.12	14.0	40.6	360
GW21-012		5.02	22.3	0.16	1.2	0.076	3.04	51.1	56.8	2.81	765	0.59	0.10	14.6	44.1	250
GW21-013		4.97	22.3	0.14	1.5	0.076	3.01	52.0	53.1	2.59	941	0.84	0.10	15.0	44.0	300
GW21-014		4.42	22.2	0.10	1.5	0.078	2.81	37.3	49.6	1.95	813	0.94	0.13	15.0	40.9	270
GW21-015		4.38	21.5	0.10	1.5	0.073	2.67	41.0	51.5	2.44	821	1.06	0.13	13.8	42.4	340
GW21-016		4.59	20.8	0.13	1.4	0.075	2.79	50.8	50.2	2.41	788	0.61	0.08	15.5	41.9	370
GW21-017		4.18	19.50	0.10	1.4	0.068	2.55	37.2	48.1	2.07	693	0.63	0.15	13.1	35.9	400
GW21-018		4.23	21.1	0.14	1.9	0.070	2.55	41.5	61.7	2.71	779	0.98	0.16	14.4	42.5	370
GW21-019		4.46	21.3	0.15	1.6	0.066	3.03	44.5	58.3	2.80	675	0.89	0.12	15.2	38.6	320
GW21-020		33.3	30.2	0.51	0.7	0.073	0.07	1.9	10.2	1.49	1130	0.59	0.41	1.4	606	150
GW21-021		4.80	21.5	0.18	1.5	0.081	3.15	62.1	53.2	2.42	1155	1.14	0.11	15.2	47.9	800
GW21-022		3.89	17.10	0.10	1.9	0.066	1.84	37.2	51.2	2.06	1090	2.19	0.26	12.5	39.7	780
GW21-023		4.10	18.90	0.11	2.8	0.070	1.82	38.5	52.8	1.70	931	3.22	0.37	14.5	41.7	520
GW21-024		3.74	17.60	0.11	2.5	0.064	1.68	38.2	47.2	1.09	893	4.20	0.42	15.4	40.5	460
GW21-025		4.69	17.60	0.10	2.3	0.061	1.82	37.5	44.4	0.64	976	11.90	0.46	15.2	42.5	510
GW21-026		4.49	17.55	0.12	2.4	0.064	1.72	39.8	43.0	0.58	816	12.90	0.44	15.2	43.6	500
GW21-027		5.74	18.35	0.12	2.5	0.077	1.82	40.2	46.7	0.59	871	14.05	0.44	15.0	51.7	600
GW21-028		5.51	17.50	0.14	2.6	0.064	1.74	38.1	48.1	0.60	573	12.90	0.41	15.4	51.0	470
GW21-029		4.76	19.85	0.10	1.2	0.074	2.21	34.5	61.8	3.98	746	0.80	0.12	12.4	40.2	250
GW21-030		0.02	0.19	<0.05	1.5	<0.005	0.10	1.5	1.9	<0.01	<5	0.07	0.01	<0.1	1.5	10
GW21-031		4.62	22.0	0.13	1.2	0.074	3.08	53.0	56.0	2.48	640	0.66	0.10	15.7	43.3	250
GW21-032		4.95	21.5	0.19	1.8	0.083	2.54	57.2	52.4	2.23	1315	0.85	0.11	16.8	46.0	590
GW21-033		4.81	20.7	0.18	1.6	0.074	2.81	55.4	48.0	2.24	798	0.54	0.06	16.8	43.5	440
GW21-034		5.09	24.0	0.24	1.3	0.081	3.34	72.7	59.4	2.56	609	0.77	0.08	17.7	49.5	340
GW21-035		5.00	22.9	0.20	1.8	0.080	2.87	64.9	49.9	1.87	1475	0.84	0.10	16.7	53.8	1360
GW21-036		4.96	19.20	0.15	1.4	0.074	2.56	55.0	47.0	2.20	940	0.43	0.05	14.6	43.5	960
GW21-037		5.70	19.65	0.18	1.9	0.124	1.77	56.2	36.6	1.29	451	330	0.16	13.0	141.0	2140
GW21-038		7.41	18.15	0.35	1.6	0.236	1.36	68.6	34.6	1.81	286	988	0.05	11.4	385	4200
GW21-039		4.54	21.0	0.12	2.6	0.092	1.82	47.3	37.9	0.93	320	67.6	0.21	12.8	92.2	1250
GW21-040		23.7	17.50	0.46	1.7	0.071	0.35	7.6	10.6	8.27	2480	0.41	0.91	4.0	230	950

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
GW21-001		21.6	110.0	0.005	0.03	0.77	12.6	<1	3.1	35.6	0.96	0.08	18.45	0.378	0.76	4.1
GW21-002		20.9	99.4	0.004	0.03	0.78	13.4	<1	3.2	33.7	0.94	<0.05	18.85	0.384	0.78	4.0
GW21-003		23.0	109.5	0.002	0.02	0.76	12.9	<1	3.1	38.5	0.98	0.05	17.30	0.390	0.79	4.2
GW21-004		21.0	126.0	<0.002	0.02	0.68	14.2	<1	3.1	27.3	1.00	0.05	22.3	0.398	0.81	3.9
GW21-005		24.5	111.0	<0.002	0.02	0.73	13.4	<1	3.2	34.8	1.04	0.06	18.85	0.397	0.84	3.9
GW21-006		19.4	112.5	0.033	0.03	0.62	11.8	<1	2.9	33.1	0.90	0.08	16.10	0.366	0.77	3.0
GW21-007		18.6	126.0	<0.002	0.03	0.57	11.8	<1	3.0	36.5	1.00	<0.05	16.80	0.380	0.76	2.6
GW21-008		17.0	133.5	<0.002	0.02	0.58	12.6	<1	3.3	38.9	1.02	0.06	17.00	0.417	0.79	2.7
GW21-009		15.0	182.5	<0.002	0.02	0.68	14.1	<1	3.5	40.0	1.14	0.06	20.5	0.446	1.07	2.4
GW21-010		1.0	0.5	<0.002	0.06	0.68	27.9	2	0.9	5.7	0.11	0.05	0.08	9.09	<0.02	0.5
GW21-011		17.9	130.5	<0.002	0.03	0.77	13.0	<1	3.5	35.3	1.13	<0.05	18.45	0.433	0.82	3.1
GW21-012		13.8	167.0	<0.002	0.01	0.71	14.8	<1	3.4	53.0	1.18	0.06	20.9	0.452	0.91	2.4
GW21-013		18.8	136.5	<0.002	0.02	0.80	15.7	<1	3.4	52.0	1.23	0.06	21.7	0.475	0.84	3.4
GW21-014		18.6	132.0	<0.002	0.02	0.87	14.4	<1	3.4	58.1	1.20	0.06	19.60	0.468	0.78	3.4
GW21-015		18.2	134.5	<0.002	0.02	0.76	14.0	<1	3.4	43.9	1.11	0.05	19.40	0.441	0.75	3.3
GW21-016		15.6	148.0	<0.002	0.01	0.81	14.6	<1	3.4	61.5	1.21	0.05	23.4	0.460	0.82	3.2
GW21-017		15.8	139.0	<0.002	0.02	0.79	13.1	<1	3.1	58.4	1.09	0.06	16.75	0.426	0.72	2.6
GW21-018		17.7	141.5	<0.002	0.01	0.78	15.5	<1	3.4	50.4	1.15	<0.05	17.70	0.406	0.83	3.4
GW21-019		14.9	154.0	<0.002	0.01	0.58	15.3	<1	3.5	41.7	1.19	0.06	18.70	0.427	0.92	3.0
GW21-020		1.4	1.9	0.006	0.21	0.58	24.1	3	0.7	52.9	0.11	0.08	0.36	5.58	0.02	0.5
GW21-021		19.4	169.5	<0.002	0.01	0.85	16.7	<1	3.5	50.3	1.22	0.06	22.0	0.455	0.97	3.5
GW21-022		26.8	112.0	<0.002	0.04	0.92	12.3	1	3.0	60.9	1.00	0.06	14.95	0.376	0.76	3.6
GW21-023		30.1	113.5	<0.002	0.03	1.02	13.4	1	3.3	65.6	1.14	0.07	16.05	0.439	0.82	4.2
GW21-024		32.2	117.0	<0.002	0.03	1.03	12.3	1	3.1	72.8	1.17	<0.05	13.95	0.446	0.88	4.0
GW21-025		33.1	117.0	<0.002	0.03	1.22	12.1	2	3.3	67.3	1.14	0.10	15.90	0.461	1.13	5.1
GW21-026		34.9	121.0	<0.002	0.03	1.38	12.1	2	3.4	68.6	1.20	0.13	15.65	0.432	1.10	5.2
GW21-027		40.3	122.5	0.002	0.04	1.60	12.7	3	3.5	67.1	1.18	0.16	17.85	0.432	1.28	6.2
GW21-028		39.2	114.5	<0.002	0.03	1.58	12.5	4	3.2	66.0	1.22	0.15	17.05	0.442	1.24	6.1
GW21-029		19.0	119.5	<0.002	0.02	0.67	12.8	1	3.5	34.9	0.95	0.08	17.30	0.387	0.84	1.9
GW21-030		1.3	1.7	0.003	<0.01	<0.05	0.1	<1	<0.2	5.0	<0.05	<0.05	0.24	0.008	0.05	0.4
GW21-031		13.4	151.5	<0.002	0.02	0.69	15.7	<1	3.9	32.4	1.25	<0.05	21.4	0.442	0.88	2.3
GW21-032		26.3	114.5	0.002	0.02	1.12	17.6	1	3.6	50.0	1.27	0.06	24.0	0.487	0.87	3.1
GW21-033		17.8	164.0	<0.002	0.01	1.08	16.4	<1	3.6	66.4	1.30	0.07	23.5	0.467	0.87	2.6
GW21-034		14.1	186.0	<0.002	0.01	0.75	19.6	1	4.0	38.4	1.38	0.06	27.3	0.477	1.09	3.4
GW21-035		31.4	129.5	0.002	0.02	1.10	18.6	1	3.8	52.3	1.32	0.11	26.4	0.490	0.89	3.5
GW21-036		19.2	127.0	<0.002	0.01	1.27	15.8	1	3.1	81.2	1.20	0.10	21.0	0.421	0.84	2.7
GW21-037		80.1	114.0	0.062	0.08	15.85	13.8	25	2.8	67.9	0.91	0.19	14.80	0.347	1.86	194.5
GW21-038		146.0	86.2	0.142	0.14	45.4	9.9	101	2.1	59.8	0.64	0.26	14.95	0.242	1.49	605
GW21-039		68.2	110.5	<0.002	0.08	4.33	16.2	6	3.5	78.6	0.98	0.13	15.05	0.390	1.76	126.5
GW21-040		2.5	11.2	<0.002	0.01	0.07	25.9	<1	0.8	182.5	0.25	<0.05	0.90	2.27	0.07	0.2

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.

Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	ME-ICP89 V % 0.01
GW21-001		106	1.8	25.8	78	68.4	
GW21-002		106	1.8	27.2	79	65.7	
GW21-003		130	1.8	23.9	76	67.7	
GW21-004		101	1.5	31.9	85	67.7	
GW21-005		104	1.7	26.2	82	70.3	
GW21-006		80	1.4	21.3	114	57.1	
GW21-007		75	1.7	22.6	106	41.6	
GW21-008		83	2.0	19.5	104	48.8	
GW21-009		76	2.6	20.6	115	43.8	
GW21-010		6070	0.5	2.0	361	15.4	
GW21-011		77	2.2	29.8	101	42.9	
GW21-012		75	2.4	41.0	84	43.5	
GW21-013		89	2.4	40.4	101	52.0	
GW21-014		94	2.4	27.6	93	54.5	
GW21-015		92	2.2	28.7	97	53.2	
GW21-016		84	2.1	40.0	92	51.6	
GW21-017		80	2.1	25.5	95	51.3	
GW21-018		84	2.2	28.2	93	61.0	
GW21-019		79	2.1	31.2	97	55.1	
GW21-020		3880	0.6	5.5	288	20.3	
GW21-021		98	2.3	50.3	101	53.7	
GW21-022		95	2.1	20.5	92	64.5	
GW21-023		103	2.3	19.4	98	81.7	
GW21-024		110	2.4	16.3	92	84.9	
GW21-025		143	2.5	15.8	82	85.6	
GW21-026		130	2.7	16.2	77	80.0	
GW21-027		145	2.7	18.2	77	80.6	
GW21-028		138	2.6	16.8	74	82.6	
GW21-029		70	1.7	21.2	81	38.2	
GW21-030		2	690	2.3	2	51.6	
GW21-031		71	2.8	30.6	76	39.1	
GW21-032		102	2.1	55.2	83	59.9	
GW21-033		78	2.1	47.2	78	49.4	
GW21-034		80	2.7	53.1	66	46.8	
GW21-035		121	2.2	60.7	96	59.0	
GW21-036		97	1.6	54.4	94	44.7	
GW21-037		1280	7.4	68.3	393	71.4	
GW21-038		1910	16.8	150.0	867	66.1	
GW21-039		484	4.9	43.4	227	83.4	
GW21-040		1105	0.1	12.9	228	63.4	

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.

Sample Description	Method	WEI-21	PUL-QC	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Pass75um	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
GW21-041		0.23		0.18	8.45	12.2	1270	3.33	0.61	1.24	0.80	158.5	20.1	71	10.70	66.3
GW21-042		0.24		0.12	8.32	11.0	1230	3.35	0.58	0.92	0.48	142.0	19.7	69	9.06	59.6
GW21-043		0.21		0.23	7.90	44.9	1000	3.18	0.93	1.28	0.67	164.5	24.1	80	15.15	97.3
GW21-044		0.23		0.17	7.54	28.7	1020	2.94	0.88	0.84	0.56	134.0	25.7	76	11.30	89.6
GW21-045		0.23		0.22	6.83	10.8	960	2.62	0.87	0.81	0.46	111.0	30.2	68	10.60	77.4
GW21-046		0.23		0.09	8.23	9.2	1300	3.05	0.63	0.87	0.38	124.5	20.0	74	8.46	60.5
GW21-047		0.22		0.10	7.93	8.8	1220	3.07	0.57	0.80	0.35	124.0	18.4	69	8.13	55.5
GW21-048		0.23		0.13	6.65	12.1	860	2.54	0.78	0.27	0.21	84.8	24.2	70	9.84	59.7
GW21-049		0.21		0.44	6.25	12.8	660	3.28	0.86	0.26	0.58	89.7	46.7	66	15.35	57.0
GW21-050		0.02		0.42	10.55	50.2	590	4.72	12.30	0.02	<0.02	132.0	46.8	19	7.22	78.2
GW21-051		0.21	99.0	0.21	7.06	15.2	520	2.16	0.96	0.19	0.20	95.9	27.2	72	14.55	70.5
GW21-052		0.26		0.23	6.82	27.1	510	2.23	1.23	0.18	0.15	101.5	23.5	74	11.55	77.8
GW21-053		0.23		0.26	7.46	13.9	560	2.55	1.37	0.17	0.16	122.0	23.4	81	12.60	96.4
GW21-054		0.22		0.30	7.34	32.7	520	2.29	1.17	0.16	0.20	115.0	18.8	79	14.25	84.3
GW21-055		0.24		0.23	7.61	16.6	630	3.14	1.37	0.15	0.24	99.7	21.3	82	19.55	84.2
GW21-056		0.24		0.22	7.56	14.0	530	2.19	1.07	0.17	0.13	84.2	18.5	80	15.40	82.1
GW21-057		0.22		0.45	7.08	20.3	570	2.01	0.97	0.18	0.20	81.7	16.4	76	8.65	62.0
GW21-058		0.22		0.22	7.15	15.8	550	2.23	1.28	0.14	0.13	99.6	17.1	79	10.45	99.5
GW21-059		0.22		0.21	7.26	4.3	850	2.98	0.37	0.08	0.12	66.0	12.4	70	11.75	33.3
GW21-060		0.02		0.02	0.12	<0.2	30	<0.05	0.01	0.01	0.02	2.95	248	3	<0.05	1.6
GW21-061		0.25		0.08	7.62	5.2	1210	3.58	0.44	0.08	0.11	67.1	14.9	76	12.70	41.5
GW21-062		0.26		0.07	7.74	3.9	1200	3.22	0.43	0.09	0.07	74.5	14.8	74	13.25	42.4
GW21-063		0.22		0.06	7.62	4.0	1260	3.00	0.41	0.17	0.11	48.9	13.6	70	12.90	38.0
GW21-064		0.25		0.06	7.45	4.1	1320	3.05	0.39	0.25	0.10	51.7	14.2	63	11.15	38.8
GW21-065		0.24		0.04	8.16	6.3	1160	3.27	0.48	0.28	0.10	104.0	16.2	65	10.30	38.3
GW21-066		0.23		0.04	7.52	7.9	910	3.00	0.47	0.22	0.12	124.5	15.6	62	7.43	43.6
GW21-067		0.25		0.19	7.28	33.7	870	3.45	1.18	0.23	0.28	131.0	41.4	81	12.15	112.0
GW21-068		0.23		0.07	7.69	6.6	1130	3.01	0.44	0.43	0.14	92.3	15.6	74	7.29	38.8
GW21-069		0.23		0.11	8.19	7.5	1190	3.36	0.49	0.78	0.18	109.5	17.5	76	6.56	50.5
GW21-070		0.02		0.64	11.95	59.9	610	6.94	9.29	0.11	<0.02	218	64.8	36	6.92	233
GW21-071		0.27		0.09	7.48	6.8	1070	2.72	0.45	0.31	0.10	121.5	16.2	64	13.05	48.1
GW21-072		0.22		0.10	8.52	9.6	820	3.94	0.73	0.25	0.25	158.5	21.0	78	8.71	71.6
GW21-073		0.23		0.17	9.36	19.9	800	3.89	0.90	0.29	0.28	183.5	25.6	93	13.20	112.0
GW21-074		0.23		0.35	7.33	13.6	720	3.42	1.05	0.15	0.23	123.5	30.6	79	12.45	96.3
GW21-075		0.22		0.34	6.62	13.7	630	2.96	1.49	0.17	0.25	102.5	35.5	74	13.85	103.0
GW21-076		0.21		0.48	7.12	14.5	650	2.84	1.57	0.19	0.26	122.5	38.3	77	14.75	130.5
GW21-077		0.24		0.39	6.74	12.8	560	2.64	1.43	0.18	0.23	135.5	44.5	74	14.05	124.0
GW21-078		0.23		0.51	6.96	13.7	570	2.49	1.41	0.17	0.24	136.0	42.5	77	14.75	122.5
GW21-079		0.22		0.24	6.95	12.3	590	2.63	1.08	0.22	0.19	119.0	36.9	76	12.60	107.0
GW21-080		0.02		0.04	6.59	3.4	510	4.21	0.31	1.33	<0.02	128.0	7.0	64	6.51	48.8

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
GW21-041		4.99	23.5	0.21	1.5	0.088	3.03	60.7	52.2	1.99	1720	1.14	0.07	16.5	53.1	1780
GW21-042		4.82	23.8	0.20	1.7	0.093	2.81	64.9	56.5	2.00	1395	1.32	0.10	16.5	51.4	1250
GW21-043		7.53	21.9	0.21	1.8	0.093	2.10	75.9	70.5	3.04	2810	5.74	0.09	13.9	72.4	4870
GW21-044		6.00	21.2	0.20	1.9	0.082	2.25	62.6	57.5	1.72	1885	3.93	0.13	13.7	64.6	2620
GW21-045		4.95	18.65	0.17	1.5	0.073	2.19	48.2	45.5	1.57	1360	6.53	0.16	12.4	64.2	1520
GW21-046		4.98	21.6	0.18	1.8	0.082	3.01	55.0	49.0	2.07	1450	1.62	0.10	15.2	51.4	1490
GW21-047		4.63	22.3	0.20	1.7	0.076	2.88	56.9	52.0	2.04	1390	0.87	0.12	15.5	47.6	1300
GW21-048		4.52	17.75	0.12	2.2	0.063	1.79	34.8	50.1	1.52	1065	6.32	0.29	13.4	48.6	760
GW21-049		4.64	16.50	0.12	2.3	0.061	1.74	39.5	62.1	0.66	800	11.75	0.40	13.7	56.7	620
GW21-050		1.73	30.0	0.18	9.6	0.115	5.61	60.5	20.1	0.76	125	3.52	0.08	18.4	95.2	290
GW21-051		4.52	18.45	0.13	2.3	0.074	1.62	37.8	58.0	0.84	577	10.85	0.38	14.5	58.3	800
GW21-052		4.35	17.20	0.12	2.1	0.066	1.52	41.3	46.7	0.93	466	16.25	0.35	14.3	65.0	640
GW21-053		5.01	19.00	0.11	2.0	0.074	1.64	41.1	48.2	0.80	394	20.9	0.34	14.7	68.5	670
GW21-054		4.86	18.85	0.15	2.2	0.077	1.53	45.2	53.3	0.70	259	17.35	0.35	15.2	67.0	550
GW21-055		5.19	19.50	0.14	2.2	0.082	1.82	47.0	58.2	0.61	222	22.8	0.36	14.9	76.1	520
GW21-056		5.27	18.85	0.12	2.3	0.073	1.60	36.3	51.2	0.61	196	21.5	0.36	15.9	56.6	490
GW21-057		4.01	18.55	0.13	2.1	0.065	1.56	35.1	40.9	0.54	225	14.30	0.39	15.7	35.9	420
GW21-058		5.17	17.95	0.13	2.1	0.074	1.53	37.1	43.0	0.62	190	19.40	0.32	14.8	50.7	500
GW21-059		3.98	18.25	0.13	1.8	0.061	1.74	37.3	60.3	3.98	386	0.75	0.13	12.0	36.6	230
GW21-060		0.03	0.23	<0.05	1.7	<0.005	0.10	1.5	2.1	0.01	<5	0.12	0.01	<0.1	1.6	20
GW21-061		4.22	20.8	0.17	1.8	0.073	2.35	37.3	61.0	4.22	328	1.39	0.11	11.6	38.2	170
GW21-062		4.27	20.2	0.23	1.7	0.071	2.33	44.9	65.6	4.34	404	0.68	0.11	11.4	35.7	200
GW21-063		4.11	19.55	0.15	1.4	0.068	2.32	31.6	66.1	4.15	597	0.54	0.14	11.7	34.1	230
GW21-064		3.89	19.70	0.16	1.4	0.059	2.29	34.7	59.9	3.35	518	0.51	0.15	12.2	36.3	160
GW21-065		4.47	21.4	0.22	1.4	0.078	2.55	51.5	59.0	3.21	837	0.60	0.12	13.8	37.6	230
GW21-066		4.73	20.4	0.20	1.5	0.071	2.44	49.1	53.8	3.02	1040	0.65	0.08	14.8	36.7	340
GW21-067		5.84	18.70	0.15	2.2	0.076	2.04	52.6	40.2	0.86	1560	13.80	0.27	12.6	96.9	1040
GW21-068		4.18	20.4	0.13	1.6	0.071	2.36	47.1	50.3	2.19	897	0.68	0.12	14.9	38.7	460
GW21-069		4.29	22.2	0.18	1.7	0.074	2.74	57.1	50.2	1.75	1055	0.68	0.13	16.4	44.5	680
GW21-070		1.88	33.4	0.30	8.1	0.130	6.47	101.0	28.4	0.90	133	5.05	0.11	20.5	88.0	820
GW21-071		4.68	19.35	0.19	1.4	0.064	2.91	57.9	59.4	2.02	676	0.63	0.10	14.2	40.6	640
GW21-072		5.65	22.8	0.25	1.9	0.089	2.43	74.4	59.6	1.82	1640	1.28	0.10	15.2	49.0	1590
GW21-073		7.59	25.5	0.30	2.4	0.101	1.66	90.1	68.8	1.86	783	5.67	0.12	15.9	70.6	3040
GW21-074		6.14	20.9	0.24	1.9	0.085	1.61	58.8	56.4	1.44	674	12.30	0.21	14.2	68.5	1040
GW21-075		5.92	16.90	0.17	1.7	0.074	1.46	44.2	44.7	0.91	861	17.50	0.28	12.3	77.3	1320
GW21-076		6.21	18.05	0.15	1.9	0.072	1.57	46.5	46.6	1.04	1140	19.80	0.28	13.2	85.1	1420
GW21-077		5.58	17.10	0.14	1.9	0.064	1.44	43.5	42.9	1.06	1110	15.90	0.28	12.9	89.5	1290
GW21-078		5.49	17.05	0.16	2.0	0.070	1.59	44.1	43.5	1.12	988	17.10	0.30	13.1	99.6	1210
GW21-079		5.27	17.50	0.15	2.1	0.069	1.69	45.3	43.5	1.07	962	14.10	0.33	14.9	88.1	1000
GW21-080		2.22	17.05	0.17	5.3	0.024	4.20	65.9	24.6	0.83	2550	45.3	1.85	21.9	39.4	300

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
GW21-041		24.6	181.5	<0.002	0.02	1.14	19.0	1	3.8	75.3	1.30	0.06	28.0	0.487	0.93	3.2
GW21-042		24.3	148.0	0.002	0.02	1.13	18.9	2	3.9	67.3	1.34	0.13	26.3	0.478	0.93	3.6
GW21-043		64.6	122.5	0.005	0.02	3.20	17.6	1	3.4	59.1	1.14	0.19	26.3	0.432	1.75	8.5
GW21-044		47.2	120.0	0.002	0.04	2.42	16.4	1	3.4	65.2	1.14	0.11	22.8	0.417	1.25	7.1
GW21-045		36.3	120.0	<0.002	0.05	1.62	14.3	<1	3.1	59.2	0.99	0.08	18.75	0.383	1.13	6.0
GW21-046		24.6	138.5	<0.002	0.02	1.10	17.2	1	3.5	63.7	1.22	0.09	22.8	0.469	0.94	3.8
GW21-047		23.8	141.0	<0.002	0.02	1.04	17.5	<1	3.6	72.0	1.21	0.07	22.9	0.450	0.86	3.3
GW21-048		35.4	107.5	0.002	0.05	1.26	12.4	1	3.2	59.7	1.02	0.08	14.95	0.394	0.97	5.1
GW21-049		41.0	110.0	<0.002	0.03	1.27	12.1	2	3.0	66.1	1.10	0.10	15.80	0.415	1.45	6.3
GW21-050		24.4	253	0.012	1.06	0.56	10.9	1	22.9	65.6	1.84	0.25	34.1	0.189	1.50	242
GW21-051		39.1	112.5	<0.002	0.05	1.70	12.9	3	3.2	63.3	1.11	0.16	18.60	0.430	1.18	7.7
GW21-052		50.1	114.5	<0.002	0.04	1.85	11.4	3	3.1	54.0	1.04	0.11	18.15	0.416	1.35	6.6
GW21-053		48.6	123.5	<0.002	0.04	1.87	12.2	3	3.4	52.1	1.10	0.12	23.3	0.433	1.47	8.1
GW21-054		42.6	111.0	<0.002	0.04	1.86	12.4	2	3.3	53.6	1.11	0.07	20.1	0.442	1.44	7.3
GW21-055		46.8	132.5	<0.002	0.03	2.15	12.8	3	3.6	51.4	1.15	0.14	21.8	0.457	1.57	7.6
GW21-056		39.2	124.0	<0.002	0.04	1.71	12.3	3	3.4	55.4	1.19	0.12	20.9	0.456	1.27	7.7
GW21-057		36.1	110.0	<0.002	0.03	1.20	11.7	2	3.6	56.5	1.10	0.07	17.80	0.439	1.13	5.4
GW21-058		41.6	106.0	<0.002	0.03	1.45	12.0	4	3.2	49.6	1.05	0.15	20.0	0.423	1.32	8.7
GW21-059		16.5	103.5	<0.002	0.01	0.78	11.4	<1	3.1	29.9	0.93	<0.05	15.45	0.362	0.83	2.6
GW21-060		1.3	1.8	<0.002	<0.01	<0.05	0.2	<1	<0.2	5.1	<0.05	<0.05	0.28	0.009	<0.02	0.4
GW21-061		15.6	97.8	<0.002	0.01	0.64	13.1	<1	3.5	29.2	0.92	0.05	16.05	0.369	0.89	3.2
GW21-062		15.3	118.0	<0.002	0.01	0.67	13.0	1	3.3	28.7	0.89	<0.05	17.25	0.382	0.90	2.5
GW21-063		17.5	111.0	<0.002	0.02	0.58	11.8	1	3.4	32.1	0.89	0.12	12.50	0.382	0.81	2.0
GW21-064		14.1	119.0	<0.002	0.01	0.53	12.0	<1	3.4	34.2	0.93	<0.05	13.55	0.394	0.75	1.9
GW21-065		14.6	154.0	<0.002	0.01	0.67	14.4	<1	3.5	32.3	1.03	<0.05	21.2	0.433	0.81	2.2
GW21-066		16.5	135.5	<0.002	0.02	0.99	15.0	<1	3.3	29.1	1.08	<0.05	23.2	0.440	0.84	2.3
GW21-067		38.3	158.5	<0.002	0.04	3.13	14.6	2	3.8	47.0	0.95	0.10	22.3	0.412	2.01	8.5
GW21-068		17.5	119.5	<0.002	0.02	0.76	14.8	<1	3.4	42.3	1.04	<0.05	18.70	0.438	0.72	2.5
GW21-069		19.9	139.5	<0.002	0.02	0.93	16.9	1	3.6	60.1	1.18	0.05	22.0	0.475	0.78	3.2
GW21-070		106.0	271	0.010	0.68	1.63	14.4	1	15.9	160.0	1.83	0.44	37.3	0.226	1.22	1115
GW21-071		14.5	172.5	0.002	0.02	1.02	14.6	<1	3.5	59.0	1.00	0.07	22.2	0.446	0.87	2.6
GW21-072		33.5	104.5	<0.002	0.04	1.56	19.6	<1	3.5	46.9	1.08	0.05	27.1	0.462	0.92	3.4
GW21-073		53.9	100.0	<0.002	0.04	1.91	21.7	1	3.8	84.7	1.20	0.11	30.7	0.469	1.59	10.7
GW21-074		52.3	90.5	<0.002	0.04	2.22	14.5	3	3.2	50.5	1.04	0.13	20.3	0.411	1.27	7.6
GW21-075		62.1	94.2	<0.002	0.06	2.65	11.6	2	3.0	46.7	0.94	0.22	19.70	0.390	1.30	8.3
GW21-076		58.1	113.5	<0.002	0.05	2.64	12.3	3	3.2	49.5	1.01	0.15	21.2	0.417	1.51	9.2
GW21-077		47.5	109.5	<0.002	0.05	2.15	11.8	2	2.9	48.4	0.99	0.15	18.60	0.402	1.39	7.5
GW21-078		42.4	121.0	<0.002	0.05	3.22	12.0	2	3.0	48.2	1.01	0.13	18.60	0.419	1.51	7.6
GW21-079		32.4	126.5	<0.002	0.04	2.57	12.4	1	3.0	55.2	1.06	0.13	17.45	0.428	1.36	6.7
GW21-080		114.5	342	0.003	1.24	0.17	6.4	1	1.5	118.0	1.68	0.28	68.0	0.181	1.49	31.5

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-ICP89
	Analyte	V	W	Y	Zn	Zr	V
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOD	1	0.1	0.1	2	0.5	0.01
GW21-041		121	2.4	67.2	146	51.3	
GW21-042		117	2.4	59.5	116	59.9	
GW21-043		199	2.0	91.5	140	59.4	
GW21-044		179	2.2	63.0	114	61.8	
GW21-045		150	1.9	38.7	123	54.5	
GW21-046		123	2.3	51.0	116	54.4	
GW21-047		113	2.2	51.7	105	55.5	
GW21-048		112	2.3	17.2	100	74.0	
GW21-049		129	2.3	20.1	93	76.4	
GW21-050		38	4.8	68.9	21	281	
GW21-051		114	2.3	18.5	95	78.0	
GW21-052		135	2.0	15.8	85	73.1	
GW21-053		152	2.3	15.8	81	69.7	
GW21-054		136	2.3	18.2	86	75.7	
GW21-055		147	2.4	19.0	92	78.7	
GW21-056		136	2.5	14.4	75	77.5	
GW21-057		124	2.5	11.3	63	78.0	
GW21-058		137	2.4	13.8	73	72.9	
GW21-059		89	1.6	23.1	87	61.2	
GW21-060		3	81.0	2.5	3	62.4	
GW21-061		90	2.0	24.8	65	60.7	
GW21-062		89	1.8	30.1	68	58.0	
GW21-063		77	1.6	25.1	83	49.9	
GW21-064		78	1.8	21.0	85	48.6	
GW21-065		81	2.0	36.3	68	48.4	
GW21-066		82	1.7	39.1	56	51.0	
GW21-067		169	2.0	28.2	100	76.8	
GW21-068		112	1.9	35.8	71	56.7	
GW21-069		130	2.2	46.0	75	59.9	
GW21-070		54	8.1	90.0	16	250	
GW21-071		81	1.7	41.8	60	51.1	
GW21-072		122	1.7	75.5	68	68.0	
GW21-073		238	2.1	71.4	114	81.3	
GW21-074		190	2.0	32.6	107	71.1	
GW21-075		175	1.9	20.1	118	58.9	
GW21-076		162	2.1	22.2	119	65.9	
GW21-077		136	2.0	20.0	114	66.1	
GW21-078		153	1.9	21.4	118	70.7	
GW21-079		144	2.2	23.5	110	77.0	
GW21-080		48	5.2	22.3	28	167.5	

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.

Sample Description	Method	WEI-21	PUL-QC	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Pass75um	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
GW21-081		0.26		0.07	7.97	9.7	1320	3.02	0.81	0.42	0.22	90.5	24.4	75	9.09	60.5
GW21-082		0.22		0.16	6.77	18.5	690	2.60	0.72	0.29	0.20	95.5	23.1	73	8.42	58.3
GW21-083		0.24		0.16	7.19	20.8	640	2.15	0.85	0.23	0.15	90.5	14.0	79	8.28	53.8
GW21-084		0.22		0.25	7.14	25.7	740	2.39	0.98	0.20	0.18	77.2	10.6	78	8.19	58.2
GW21-085		0.23		0.21	7.37	22.0	750	2.48	1.12	0.19	0.11	78.8	12.6	82	9.18	57.1
GW21-086		0.23		0.25	7.56	17.0	610	2.50	1.24	0.16	0.19	100.5	20.5	82	11.25	87.4
GW21-087		0.21		0.25	7.46	18.2	560	2.58	1.49	0.15	0.13	122.5	21.5	80	13.10	109.5
GW21-088		0.23		0.28	6.88	17.7	560	2.58	1.34	0.13	0.17	96.7	18.2	76	12.00	94.3
GW21-089		0.23		0.26	7.84	7.7	630	3.44	0.44	0.14	0.17	89.1	19.8	70	8.17	44.5
GW21-090		0.02		0.01	0.11	<0.2	30	<0.05	0.01	0.01	0.02	2.87	224	3	<0.05	1.0
GW21-091		0.22		0.75	6.23	23.5	>10000	14.10	1.30	0.02	0.50	87.5	8.5	400	9.49	227
GW21-092		0.22		1.69	7.70	20.0	>10000	8.15	0.87	0.09	0.54	135.0	10.6	290	9.27	250
GW21-093		0.25		3.80	4.76	41.3	1030	4.48	0.86	0.65	7.28	102.5	11.4	159	7.02	206
GW21-094		0.21		0.09	7.07	5.7	820	3.29	0.41	0.11	0.12	57.4	13.1	74	9.42	33.5
GW21-095		0.23		0.04	7.22	4.2	920	3.34	0.37	0.09	0.08	59.4	13.6	77	11.55	33.2
GW21-096		0.21		0.04	7.25	3.6	970	3.38	0.37	0.11	0.07	62.8	13.7	79	12.20	34.7
GW21-097		0.22		0.08	6.76	4.0	780	3.22	0.42	0.12	0.10	58.2	13.2	70	12.00	35.0
GW21-098		0.23		0.07	7.18	3.4	860	2.84	0.34	0.18	0.09	48.9	12.6	68	11.75	34.9
GW21-099		0.22		0.07	6.91	3.4	880	2.90	0.36	0.21	0.09	45.1	12.8	67	10.45	32.5
GW21-100		0.02		0.05	2.23	6.6	10	0.05	0.03	0.05	0.04	2.80	173.5	3870	<0.05	177.5
GW21-101		0.21	98.0	0.04	7.61	8.5	1100	3.15	0.52	0.22	0.15	100.5	16.6	67	10.30	46.0
GW21-102		0.23		0.04	7.62	9.0	920	3.23	0.55	0.16	0.16	138.5	18.3	68	7.65	54.7
GW21-103		0.24		0.10	8.16	8.0	1070	3.24	0.64	0.76	0.33	153.5	19.2	78	7.05	63.6
GW21-104		0.22		0.09	8.50	10.8	1150	3.48	0.60	0.48	0.37	141.5	18.2	80	6.65	59.7
GW21-105		0.23		0.09	7.82	8.8	1130	3.35	0.58	0.30	0.18	103.0	18.8	75	7.49	51.5
GW21-106		0.23		0.26	7.75	23.5	880	3.39	0.76	0.39	0.33	152.0	26.6	83	12.65	88.2
GW21-107		0.22		0.36	7.47	19.5	770	3.04	0.94	0.17	0.32	126.0	26.4	72	10.55	78.0
GW21-108		0.20		0.66	6.85	11.6	670	3.29	1.54	0.16	0.34	151.5	42.5	76	14.40	129.0
GW21-109		0.22		0.49	7.15	9.9	620	3.46	1.64	0.14	0.20	141.5	34.4	77	11.80	131.5
GW21-110		Destroyed														
GW21-111		0.24		0.45	7.20	11.0	570	3.50	1.32	0.14	0.14	121.5	36.4	80	10.40	127.5
GW21-112		0.22		0.22	7.23	11.8	650	3.58	1.30	0.13	0.20	109.5	37.4	80	13.05	132.0
GW21-113		0.23		0.27	7.30	14.3	620	3.58	1.15	0.15	0.19	128.0	43.1	82	11.55	125.0
GW21-114		0.22		0.29	7.05	11.6	550	3.18	1.21	0.13	0.23	127.0	38.3	78	11.60	137.5
GW21-115		0.26		0.36	6.87	17.8	630	3.29	1.16	0.16	0.32	146.0	49.6	76	11.40	120.5
GW21-116		0.24		0.23	6.75	18.0	650	3.20	1.05	0.18	0.24	130.5	44.1	74	11.35	102.0
GW21-117		0.22		0.22	6.92	22.1	740	3.10	0.93	0.21	0.20	118.5	36.6	77	10.40	85.9
GW21-118		0.21		0.14	7.08	15.5	1010	3.08	0.93	0.29	0.26	91.3	27.5	74	9.24	70.8
GW21-119		0.23		0.18	6.69	23.0	650	2.49	0.74	0.25	0.29	92.3	16.6	73	7.08	51.5
GW21-120		0.02		0.02	0.11	<0.2	30	<0.05	0.01	0.01	0.02	2.71	227	3	<0.05	1.7

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
GW21-081		5.40	21.1	0.17	1.6	0.079	2.92	40.8	45.9	2.29	1015	3.17	0.14	14.0	56.5	790
GW21-082		4.10	17.25	0.15	2.5	0.068	1.99	50.1	42.4	0.73	653	10.35	0.57	16.2	50.6	480
GW21-083		4.14	18.40	0.15	2.5	0.065	1.88	41.1	39.5	0.67	488	11.65	0.44	16.4	40.4	480
GW21-084		4.12	19.50	0.21	2.5	0.076	2.02	40.6	40.5	0.52	404	15.55	0.40	14.6	34.0	540
GW21-085		4.12	20.2	0.16	2.1	0.077	2.10	39.8	36.3	0.55	330	15.75	0.35	14.2	39.8	570
GW21-086		4.64	20.7	0.10	2.2	0.076	1.81	39.5	47.3	0.60	251	15.40	0.39	14.0	50.9	540
GW21-087		5.06	20.4	0.13	2.1	0.075	1.69	42.1	49.6	0.55	216	16.70	0.36	13.2	54.8	510
GW21-088		5.03	18.90	0.11	1.8	0.071	1.60	38.4	43.6	0.52	170	15.45	0.35	12.0	46.0	500
GW21-089		4.55	20.6	0.12	1.8	0.071	1.31	41.9	61.2	2.98	704	2.40	0.24	12.6	48.9	310
GW21-090		0.03	0.16	<0.05	1.6	<0.005	0.10	1.5	1.9	<0.01	<5	0.06	0.01	<0.1	1.7	10
GW21-091		2.84	37.9	0.27	2.3	0.200	2.09	39.6	27.9	0.54	79	830	0.08	15.0	88.4	770
GW21-092		4.06	28.8	0.20	2.2	0.141	2.06	82.5	38.4	0.67	222	258	0.23	13.8	77.9	1390
GW21-093		7.20	17.95	0.24	1.4	0.251	1.94	63.0	31.5	2.19	440	508	0.19	9.8	255	2830
GW21-094		3.75	20.7	0.11	1.8	0.071	1.57	30.0	63.3	3.63	443	1.64	0.22	11.8	31.7	180
GW21-095		3.88	20.8	0.13	1.8	0.063	1.79	34.1	64.1	3.94	318	0.76	0.20	11.3	33.5	140
GW21-096		3.95	20.3	0.12	1.9	0.065	1.77	48.3	62.7	4.27	369	1.00	0.20	11.9	32.9	120
GW21-097		3.80	19.40	0.18	1.9	0.064	1.51	45.3	64.3	4.29	467	0.72	0.18	11.4	34.2	160
GW21-098		3.97	18.95	0.15	1.6	0.057	1.67	37.7	63.1	4.45	521	0.55	0.21	12.0	35.6	180
GW21-099		3.72	19.05	0.11	1.7	0.059	1.48	37.8	61.0	3.78	596	0.54	0.23	12.4	34.7	190
GW21-100		45.2	38.6	0.47	0.5	0.098	0.01	1.0	4.3	0.63	931	0.46	0.01	1.2	610	40
GW21-101		4.54	21.2	0.15	1.4	0.071	2.60	56.5	54.1	2.60	857	0.59	0.20	12.7	41.6	330
GW21-102		4.80	21.6	0.23	1.8	0.078	2.43	69.7	49.7	2.27	1150	0.80	0.16	13.4	44.4	520
GW21-103		5.35	22.3	0.18	1.7	0.088	2.84	76.9	48.2	1.98	1550	1.02	0.18	14.0	52.5	1800
GW21-104		5.09	23.3	0.17	1.8	0.088	2.90	67.6	48.2	1.41	1555	0.88	0.20	14.8	49.9	1440
GW21-105		4.45	22.8	0.14	1.8	0.083	2.67	51.9	50.1	1.55	943	1.06	0.21	13.6	46.1	670
GW21-106		6.26	22.3	0.23	2.0	0.088	2.05	69.1	55.9	1.18	1400	3.28	0.22	13.4	66.0	1520
GW21-107		6.01	21.5	0.16	1.9	0.092	1.61	56.2	47.6	0.91	1090	3.74	0.24	13.0	64.8	1320
GW21-108		6.47	18.70	0.14	1.7	0.078	1.54	50.1	41.4	0.87	1110	17.50	0.28	11.8	85.7	1100
GW21-109		6.25	19.05	0.12	1.8	0.070	1.54	42.1	42.1	1.04	602	22.0	0.29	12.4	85.7	780
GW21-110																
GW21-111		5.86	18.80	0.12	1.9	0.067	1.39	42.4	42.4	0.95	488	18.25	0.32	13.3	87.6	610
GW21-112		5.93	19.05	0.12	1.9	0.070	1.69	40.1	38.0	0.82	450	17.70	0.30	13.4	89.9	660
GW21-113		5.61	19.20	0.12	2.1	0.064	1.63	51.0	43.0	0.91	570	16.55	0.33	14.2	100.5	580
GW21-114		6.04	18.85	0.14	2.0	0.063	1.48	51.6	42.9	1.14	614	14.75	0.26	12.7	107.5	690
GW21-115		5.59	18.30	0.15	2.1	0.063	1.66	54.9	42.7	0.98	765	12.40	0.30	13.2	113.0	710
GW21-116		4.88	19.00	0.14	2.2	0.068	1.71	52.8	44.0	0.89	802	11.35	0.36	14.4	96.5	620
GW21-117		4.93	19.05	0.13	2.4	0.067	1.96	44.1	41.6	0.92	710	11.65	0.39	14.2	85.1	610
GW21-118		5.17	19.65	0.14	1.7	0.076	2.31	39.8	43.9	1.54	922	7.91	0.25	12.2	64.4	790
GW21-119		4.21	17.45	0.14	2.6	0.066	2.03	45.7	39.5	0.68	598	9.14	0.59	14.4	44.2	650
GW21-120		0.02	0.22	0.07	1.5	<0.005	0.10	1.4	1.7	<0.01	<5	0.06	0.01	<0.1	1.6	20

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
GW21-081		24.5	149.0	<0.002	0.03	1.27	14.2	1	3.6	46.8	1.00	0.11	18.70	0.406	0.81	3.6
GW21-082		32.0	126.0	<0.002	0.03	1.30	12.2	1	3.1	74.5	1.13	0.09	16.80	0.469	1.09	5.7
GW21-083		32.7	123.0	<0.002	0.04	1.17	12.5	2	3.5	64.9	1.15	0.13	17.95	0.477	1.08	5.5
GW21-084		32.6	145.0	<0.002	0.04	1.09	13.9	3	3.8	58.0	1.07	0.13	17.40	0.444	1.27	5.2
GW21-085		34.5	149.5	<0.002	0.03	1.08	14.0	1	4.1	51.8	1.04	0.14	18.20	0.435	1.53	5.4
GW21-086		41.4	128.0	<0.002	0.04	1.25	13.4	3	3.5	55.0	1.10	0.14	20.8	0.444	1.42	7.3
GW21-087		52.1	122.5	<0.002	0.03	1.25	13.4	3	3.3	50.2	1.04	0.15	23.3	0.418	1.62	9.0
GW21-088		47.3	111.5	<0.002	0.04	1.29	12.1	4	3.2	46.4	0.89	0.15	19.45	0.390	1.57	7.4
GW21-089		22.2	81.7	<0.002	0.02	1.23	12.8	1	3.3	35.2	0.96	0.07	16.45	0.406	1.16	3.5
GW21-090		1.5	1.6	0.003	<0.01	<0.05	0.2	<1	<0.2	4.9	<0.05	<0.05	0.29	0.009	0.03	0.4
GW21-091		162.5	162.5	0.002	0.04	17.80	19.1	70	5.8	66.9	0.97	0.40	16.75	0.365	2.88	317
GW21-092		132.5	144.5	0.002	0.03	12.80	17.4	18	4.0	101.5	0.93	0.20	16.75	0.389	2.49	270
GW21-093		146.5	117.5	0.111	0.15	84.8	10.9	61	2.4	105.5	0.64	0.25	11.40	0.271	2.11	280
GW21-094		19.3	71.8	<0.002	0.02	1.02	12.3	<1	3.4	31.8	0.91	0.05	11.80	0.368	0.97	2.7
GW21-095		18.1	76.8	<0.002	0.01	0.85	12.6	1	3.3	24.3	0.88	0.06	12.95	0.372	0.96	2.4
GW21-096		15.8	110.0	<0.002	0.01	0.85	12.5	1	3.3	22.7	0.94	0.05	14.45	0.374	0.90	2.4
GW21-097		18.5	106.5	<0.002	0.02	0.77	11.5	1	3.2	24.1	0.89	0.05	13.85	0.341	0.85	2.2
GW21-098		13.5	109.0	<0.002	0.01	0.59	11.5	1	3.0	25.0	0.94	0.05	12.60	0.381	0.76	2.1
GW21-099		13.1	106.5	<0.002	0.01	0.57	11.2	1	3.1	31.0	0.94	0.05	11.60	0.371	0.70	2.1
GW21-100		1.0	0.5	<0.002	0.06	0.66	26.2	3	0.9	5.5	0.10	0.05	0.08	8.51	<0.02	0.5
GW21-101		16.9	159.0	<0.002	0.02	1.10	14.3	1	3.3	32.3	0.99	0.06	19.15	0.415	0.82	2.4
GW21-102		19.6	132.0	<0.002	0.02	1.42	16.3	1	3.4	33.7	1.02	0.05	22.0	0.433	0.77	3.0
GW21-103		31.4	149.0	<0.002	0.04	1.24	16.9	1	3.6	47.4	1.10	0.07	24.2	0.458	0.86	3.8
GW21-104		30.3	134.0	0.002	0.03	2.27	17.5	1	3.7	53.4	1.13	0.07	23.6	0.469	0.81	3.5
GW21-105		22.8	137.0	<0.002	0.02	1.77	16.8	1	3.6	49.6	1.02	0.07	18.85	0.422	0.79	3.2
GW21-106		42.2	116.5	<0.002	0.03	4.36	16.6	1	3.4	58.5	1.04	0.11	24.7	0.424	1.32	6.0
GW21-107		51.5	113.5	<0.002	0.06	3.91	14.9	1	3.5	53.2	0.97	0.15	21.3	0.398	1.18	5.9
GW21-108		76.7	112.0	<0.002	0.06	1.82	12.1	3	2.9	39.9	0.92	0.19	20.4	0.385	1.54	9.6
GW21-109		57.9	111.0	<0.002	0.05	1.58	12.6	3	3.0	38.2	0.95	0.20	20.2	0.405	1.70	8.7
GW21-110																
GW21-111		43.7	98.1	<0.002	0.03	1.65	12.4	3	3.0	41.4	1.04	0.19	18.95	0.426	1.64	8.2
GW21-112		37.3	118.5	<0.002	0.04	3.00	12.4	3	3.3	37.6	1.02	0.18	19.30	0.432	1.92	8.5
GW21-113		33.2	119.5	<0.002	0.03	3.59	12.9	2	3.1	44.5	1.10	0.15	19.60	0.456	1.92	8.6
GW21-114		31.6	115.5	<0.002	0.04	2.77	12.7	3	2.9	36.5	1.02	0.16	18.90	0.419	2.09	7.7
GW21-115		32.9	123.0	<0.002	0.04	4.43	12.8	2	3.2	41.6	1.05	0.15	18.30	0.421	1.93	7.7
GW21-116		31.6	129.0	<0.002	0.03	3.71	12.9	2	3.2	51.8	1.10	0.17	18.35	0.431	1.82	7.5
GW21-117		29.1	138.5	<0.002	0.03	3.94	12.8	2	3.3	54.7	1.09	0.13	16.70	0.439	1.57	6.6
GW21-118		29.9	142.0	<0.002	0.04	2.20	13.5	1	3.5	43.9	0.97	0.12	17.30	0.388	1.19	5.2
GW21-119		32.0	124.5	<0.002	0.04	1.18	11.7	2	3.0	73.2	1.10	0.12	16.20	0.461	1.14	5.5
GW21-120		1.3	1.6	0.004	<0.01	<0.05	0.1	<1	<0.2	4.9	<0.05	<0.05	0.27	0.008	0.02	0.4

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.

Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	ME-ICP89 V % 0.01
GW21-081		123	2.2	26.0	99	56.0	
GW21-082		126	2.4	19.4	83	87.2	
GW21-083		133	2.6	15.0	76	89.2	
GW21-084		158	2.9	13.2	63	84.0	
GW21-085		173	2.5	12.6	66	75.5	
GW21-086		145	2.6	13.9	77	76.6	
GW21-087		137	2.7	14.9	73	72.5	
GW21-088		129	2.4	12.6	70	65.1	
GW21-089		105	1.8	22.5	69	61.8	
GW21-090		3	98.8	2.4	3	58.0	
GW21-091		>10000	11.4	92.9	103	103.0	1.29
GW21-092		5880	8.0	60.1	133	91.6	
GW21-093		3060	9.8	90.7	1365	59.4	
GW21-094		93	1.8	19.6	59	60.2	
GW21-095		89	1.7	20.9	67	62.1	
GW21-096		98	1.7	22.8	70	67.7	
GW21-097		78	1.5	23.1	71	59.4	
GW21-098		81	1.3	17.2	83	52.3	
GW21-099		78	1.5	16.7	79	54.4	
GW21-100		5750	0.5	2.1	315	13.8	
GW21-101		89	1.9	35.7	80	50.3	
GW21-102		112	1.8	49.2	66	60.7	
GW21-103		118	2.0	64.6	87	59.7	
GW21-104		120	2.2	60.1	102	58.1	
GW21-105		119	2.3	37.6	72	60.4	
GW21-106		167	2.5	52.0	94	70.8	
GW21-107		152	2.1	34.0	84	66.1	
GW21-108		194	1.9	24.6	122	59.1	
GW21-109		157	1.8	20.4	91	66.1	
GW21-110							
GW21-111		165	2.0	19.6	88	67.2	
GW21-112		156	2.0	17.4	84	67.2	
GW21-113		175	2.1	23.5	93	72.6	
GW21-114		157	1.8	25.5	99	67.5	
GW21-115		149	2.0	28.7	103	72.9	
GW21-116		141	2.2	27.6	95	76.7	
GW21-117		151	2.3	22.5	97	79.3	
GW21-118		134	2.2	24.3	96	60.6	
GW21-119		132	2.4	15.1	80	88.9	
GW21-120		2	83.5	2.2	4	54.3	

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.

Sample Description	Method	WEI-21	PUL-QC	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Pass75um	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
GW21-121		0.23		0.17	6.55	25.3	630	2.37	0.79	0.25	0.23	90.8	15.9	73	6.94	51.4
GW21-122		0.23		0.17	6.50	23.6	680	2.47	0.89	0.31	0.22	84.7	14.3	73	7.69	50.0
GW21-123		0.24		0.27	6.32	32.3	700	2.71	1.04	0.26	0.26	78.5	24.3	79	8.74	66.1
GW21-124		0.25		0.32	7.15	15.8	520	2.36	0.89	0.15	0.12	101.5	41.4	75	6.81	80.8
GW21-125		0.23		0.33	7.10	18.0	520	2.52	1.02	0.12	0.12	119.0	44.4	77	6.86	103.0
GW21-126		0.21		0.14	6.66	21.3	570	2.56	0.99	0.10	0.14	86.4	36.8	76	5.72	93.3
GW21-127		0.25		0.10	6.32	18.4	520	2.27	0.73	0.15	0.11	75.4	27.2	71	5.89	61.0
GW21-128		0.23		0.21	5.88	23.7	490	2.11	0.66	0.16	0.14	94.8	27.7	65	5.99	71.7
GW21-129		0.23		0.14	7.09	15.6	860	2.80	0.63	0.09	0.29	82.0	29.9	73	8.38	61.5
GW21-130		0.02		0.02	3.85	0.2	240	0.39	0.03	2.55	0.08	18.65	157.0	34	1.31	39.5
GW21-131		0.22		0.11	6.86	8.0	940	2.79	0.48	0.09	0.13	70.5	18.7	67	9.37	47.4
GW21-132		0.25		0.07	8.27	7.7	1140	3.46	0.60	0.10	0.24	133.0	21.2	72	10.15	49.6
GW21-133		0.26		0.06	8.61	10.4	1240	3.52	0.66	0.08	0.27	127.5	18.7	74	7.13	60.4
GW21-134		0.25		0.06	9.05	10.4	1070	3.91	0.54	0.14	0.15	140.5	16.6	87	7.03	60.4
GW21-135		0.23		0.11	9.28	13.8	1040	3.68	0.68	0.07	0.13	154.0	21.9	80	9.99	63.6
GW21-136		0.23		0.13	9.50	30.3	1040	3.39	1.00	0.05	0.24	159.5	21.9	76	13.80	89.8
GW21-137		0.26		0.09	8.71	29.8	1530	3.64	1.42	0.06	0.40	186.0	23.1	77	14.90	166.0
GW21-138		0.23		0.14	10.25	16.8	1300	3.59	1.81	0.03	0.26	204	15.9	80	19.15	181.0
GW21-139		0.23		0.16	7.96	16.8	830	3.40	1.89	0.07	0.29	179.5	24.6	72	13.20	164.5
GW21-140		0.02		0.44	10.70	49.0	600	5.44	12.90	0.02	<0.02	150.5	48.2	22	7.70	82.2
GW21-141		0.23		0.99	7.16	18.2	5340	3.65	0.59	0.24	1.66	115.0	25.9	111	9.03	180.5
GW21-142		0.23		2.31	8.19	20.1	3720	3.25	0.80	0.20	1.11	103.5	19.4	126	8.36	113.5
GW21-143		0.22		1.69	7.91	24.0	3840	3.61	1.42	0.08	1.71	133.5	17.4	157	6.93	155.5
GW21-144		0.21		0.15	8.41	11.6	590	3.18	1.43	0.06	0.18	143.0	25.9	84	11.90	138.5
GW21-145		0.23		0.28	6.77	11.4	510	3.26	1.30	0.10	0.17	116.0	31.3	75	9.78	107.5
GW21-146		0.23		0.17	6.56	10.2	490	3.17	1.02	0.11	0.12	109.0	32.6	73	8.90	93.9
GW21-147		0.21		0.23	6.54	12.6	520	3.03	1.01	0.14	0.15	99.0	29.2	73	10.30	88.7
GW21-148		0.24		0.37	7.00	16.8	560	3.05	0.94	0.15	0.15	119.5	34.8	77	10.50	93.6
GW21-149		0.23		0.35	6.90	22.0	560	2.88	0.97	0.14	0.17	116.0	33.3	76	10.70	90.7
GW21-150		0.02		0.02	0.11	<0.2	30	<0.05	0.01	0.01	0.02	2.73	230	3	<0.05	1.5
GW21-151		0.23	99.0	0.40	6.68	27.0	590	2.81	0.94	0.14	0.17	121.5	36.3	74	11.35	88.1
GW21-152		0.24		0.27	7.02	30.4	700	2.93	0.98	0.14	0.17	129.5	38.7	78	12.50	89.8
GW21-153		0.23		0.07	7.46	6.9	1050	2.92	0.47	0.39	0.19	116.0	17.2	65	8.46	41.4
GW21-154		0.22		0.09	7.22	9.2	1200	3.08	0.53	0.75	0.41	90.1	19.2	70	8.51	52.3
GW21-155		0.24		0.25	6.65	28.5	750	2.38	0.66	0.24	0.28	67.1	18.6	75	6.52	49.8
GW21-156		0.22		0.22	6.91	27.9	810	2.44	0.67	0.16	0.30	71.3	39.7	71	7.57	59.9
GW21-157		0.21		0.26	7.46	12.2	600	2.27	0.73	0.13	0.09	73.5	19.3	81	7.58	67.7
GW21-158		0.23		0.24	6.83	10.8	550	2.28	0.76	0.13	0.11	75.9	19.6	77	6.41	71.5
GW21-159		0.22		0.17	7.04	12.4	550	2.38	0.73	0.14	0.11	80.4	25.6	77	6.83	73.1
GW21-160		0.02		0.64	11.50	61.6	610	6.92	8.75	0.11	<0.02	212	64.6	33	6.76	229

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
GW21-121		4.10	17.95	0.13	2.6	0.068	1.94	43.3	34.7	0.58	553	10.00	0.57	14.1	43.3	540
GW21-122		4.06	18.30	0.13	2.5	0.073	1.89	40.9	35.5	0.57	523	10.25	0.54	13.6	42.0	580
GW21-123		4.78	17.85	0.11	2.1	0.077	1.89	38.4	48.9	0.48	664	12.80	0.41	11.1	60.4	740
GW21-124		3.96	19.80	0.12	2.3	0.072	1.58	36.0	39.9	0.82	250	12.65	0.35	15.4	63.5	330
GW21-125		4.25	19.90	0.12	2.2	0.070	1.55	40.6	40.3	0.87	222	15.45	0.30	14.6	68.4	370
GW21-126		4.10	18.15	0.10	2.0	0.066	1.58	32.3	35.3	0.96	255	15.90	0.26	13.2	60.1	370
GW21-127		3.51	17.55	0.11	2.2	0.063	1.45	30.9	36.4	0.93	318	10.65	0.32	14.4	50.0	290
GW21-128		3.94	16.40	0.11	2.1	0.069	1.36	36.8	35.3	0.75	367	10.35	0.34	14.7	51.4	320
GW21-129		4.48	19.60	0.13	1.7	0.088	1.87	39.9	47.9	1.63	554	4.15	0.26	14.2	59.8	470
GW21-130		22.5	18.20	0.71	1.6	0.070	0.35	7.9	8.9	8.02	2350	0.38	0.90	3.9	221	910
GW21-131		3.81	20.2	0.12	1.5	0.070	1.87	40.1	46.1	2.00	471	1.66	0.24	13.3	41.3	310
GW21-132		4.55	25.3	0.17	1.7	0.099	2.75	56.0	51.1	2.09	1015	1.15	0.22	15.5	46.0	370
GW21-133		4.48	24.5	0.18	1.8	0.094	2.94	56.9	47.1	1.57	1025	0.81	0.23	15.8	46.6	610
GW21-134		4.58	25.9	0.20	2.2	0.091	2.76	67.9	50.1	1.31	807	1.35	0.21	17.0	52.9	970
GW21-135		5.42	26.3	0.23	2.3	0.098	2.47	77.9	58.2	0.65	868	1.62	0.23	15.3	57.4	1040
GW21-136		7.06	26.5	0.25	2.4	0.108	1.97	78.2	63.7	0.65	458	3.15	0.21	13.5	65.4	1210
GW21-137		8.36	26.0	0.30	2.1	0.113	1.84	88.5	53.4	0.60	295	5.70	0.25	12.7	88.2	1970
GW21-138		9.53	29.0	0.36	2.2	0.115	1.98	117.5	77.3	0.50	240	12.60	0.20	15.0	91.4	1360
GW21-139		8.77	22.9	0.24	1.9	0.099	1.28	85.2	52.6	0.77	253	14.75	0.22	12.0	101.5	1230
GW21-140		1.71	34.0	0.21	9.5	0.127	5.88	72.5	19.2	0.79	127	4.08	0.15	18.6	94.4	310
GW21-141		4.80	24.3	0.19	2.4	0.101	1.59	58.1	47.6	2.17	879	87.5	0.19	14.3	177.0	1260
GW21-142		4.55	24.6	0.19	2.1	0.108	2.46	56.1	40.6	1.19	437	44.3	0.23	14.7	92.0	730
GW21-143		4.25	25.1	0.29	2.0	0.147	2.69	82.1	34.1	0.94	157	130.5	0.15	13.9	93.6	860
GW21-144		6.49	23.8	0.21	2.3	0.080	1.32	53.6	45.0	0.65	220	18.75	0.20	14.2	82.8	630
GW21-145		6.04	19.85	0.14	2.0	0.074	1.23	48.3	40.0	0.79	394	16.50	0.27	13.6	70.5	500
GW21-146		5.28	18.15	0.12	1.9	0.064	1.21	39.5	36.3	0.71	341	14.85	0.29	13.6	66.1	400
GW21-147		4.69	18.50	0.11	2.0	0.077	1.39	38.8	36.6	0.67	413	13.60	0.35	14.8	62.3	430
GW21-148		5.03	19.70	0.12	2.1	0.070	1.46	46.7	40.0	0.83	465	12.50	0.36	14.8	70.0	400
GW21-149		5.31	19.35	0.13	2.0	0.071	1.48	44.8	40.0	0.89	632	12.25	0.34	13.6	70.8	550
GW21-150		0.03	0.22	<0.05	1.5	<0.005	0.10	1.4	1.7	<0.01	<5	0.06	0.01	<0.1	1.7	20
GW21-151		5.25	19.20	0.11	2.0	0.067	1.54	46.9	38.3	0.86	717	11.45	0.31	13.1	73.5	610
GW21-152		5.45	19.70	0.12	2.2	0.067	1.79	49.3	38.0	0.87	764	12.40	0.32	13.3	86.9	680
GW21-153		4.41	21.6	0.25	1.4	0.081	2.33	57.0	48.6	2.58	1010	0.66	0.20	13.6	41.1	450
GW21-154		4.40	20.2	0.15	1.5	0.073	2.61	43.9	51.5	2.29	1035	2.81	0.24	13.4	44.8	740
GW21-155		4.52	17.40	0.11	2.0	0.076	2.03	31.4	35.9	0.60	717	8.00	0.45	11.4	41.8	580
GW21-156		4.56	18.00	0.14	2.2	0.071	2.39	39.3	55.0	0.55	555	8.79	0.41	11.4	72.5	460
GW21-157		4.19	19.30	0.11	2.2	0.077	1.76	35.4	38.3	0.91	233	12.55	0.32	15.0	53.5	400
GW21-158		4.32	17.65	0.12	2.2	0.073	1.58	28.1	34.7	0.66	223	12.10	0.31	14.4	50.6	400
GW21-159		4.27	18.90	0.11	2.3	0.064	1.55	30.4	38.6	0.69	223	12.35	0.34	15.9	56.9	360
GW21-160		1.91	37.7	0.34	8.3	0.155	6.41	102.0	31.4	0.91	132	4.41	0.15	19.7	81.3	850

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
GW21-121		33.0	116.5	0.002	0.03	1.06	12.2	2	3.1	72.6	1.10	0.11	17.40	0.451	1.12	5.7
GW21-122		32.3	121.0	0.003	0.04	1.03	12.2	2	3.3	75.6	1.04	0.11	16.65	0.432	1.19	5.3
GW21-123		36.1	128.5	0.002	0.05	1.03	12.5	3	3.1	60.4	0.82	0.14	16.55	0.393	1.52	6.2
GW21-124		28.0	94.9	0.003	0.02	1.70	13.7	2	3.4	48.2	1.15	0.10	18.65	0.460	1.32	7.0
GW21-125		32.2	90.1	0.003	0.03	1.75	13.8	3	3.3	40.2	1.11	0.13	19.65	0.453	1.40	7.8
GW21-126		31.2	87.0	0.003	0.03	1.76	12.9	3	3.2	32.2	1.03	0.14	17.30	0.423	1.17	7.3
GW21-127		27.1	87.4	0.002	0.02	1.51	11.4	2	3.1	45.9	1.10	0.11	14.75	0.450	1.08	5.1
GW21-128		25.2	78.7	0.002	0.02	1.70	10.9	2	2.8	49.0	1.09	0.11	14.90	0.434	1.14	5.4
GW21-129		27.7	100.0	<0.002	0.03	1.62	13.6	2	3.2	43.4	1.09	0.09	16.60	0.422	1.02	4.5
GW21-130		2.5	11.2	0.002	0.01	0.05	24.4	1	0.8	178.5	0.25	<0.05	0.90	2.22	0.06	0.2
GW21-131		17.0	111.5	0.002	0.02	1.29	12.9	1	3.3	35.1	1.00	0.06	15.25	0.392	0.82	3.2
GW21-132		30.1	164.0	0.002	0.02	1.24	18.3	1	3.8	30.4	1.15	0.07	22.3	0.459	0.89	3.2
GW21-133		32.0	151.0	<0.002	0.02	1.21	18.0	1	3.9	64.4	1.17	0.07	23.8	0.487	0.72	3.6
GW21-134		32.6	120.0	0.002	0.02	1.26	20.4	1	4.0	57.7	1.26	0.05	25.9	0.528	0.83	4.1
GW21-135		37.3	123.5	0.006	0.03	1.91	21.1	2	3.9	96.5	1.17	0.11	26.9	0.481	0.90	4.7
GW21-136		64.2	116.5	0.006	0.04	6.67	21.1	2	3.9	77.6	1.02	0.15	31.5	0.431	1.10	6.2
GW21-137		83.2	102.0	0.004	0.03	9.55	21.5	2	3.5	92.3	1.00	0.19	34.9	0.408	1.62	12.8
GW21-138		114.5	121.0	0.004	0.03	4.05	21.6	1	4.4	83.1	1.15	0.25	44.1	0.470	1.80	12.2
GW21-139		114.5	88.1	0.003	0.04	2.17	16.1	2	3.3	69.2	0.93	0.21	29.1	0.379	1.69	15.7
GW21-140		25.5	283	0.016	1.10	0.59	11.3	1	24.4	67.7	1.80	0.21	36.9	0.197	1.46	254
GW21-141		73.7	115.5	0.006	0.05	38.3	14.6	7	2.9	72.2	0.97	0.12	16.05	0.417	2.09	61.8
GW21-142		57.1	142.0	0.004	0.04	21.7	18.5	8	4.0	71.1	1.06	0.12	17.60	0.422	1.73	40.5
GW21-143		92.8	138.5	0.005	0.03	21.0	19.1	23	4.0	78.0	1.08	0.20	17.60	0.411	1.65	125.5
GW21-144		71.6	87.9	0.002	0.03	1.63	18.3	3	3.3	35.8	1.14	0.22	25.5	0.448	1.69	12.6
GW21-145		58.0	83.3	0.003	0.03	1.50	13.4	3	3.1	39.0	1.04	0.20	19.40	0.409	1.68	9.0
GW21-146		40.6	85.6	0.002	0.02	1.53	12.6	3	3.0	40.3	1.03	0.15	18.05	0.418	1.50	7.8
GW21-147		37.8	104.0	0.003	0.03	2.35	12.3	2	3.3	47.7	1.09	0.13	18.30	0.432	1.62	7.4
GW21-148		33.1	107.0	<0.002	0.02	2.85	13.2	2	3.2	48.7	1.11	0.12	19.85	0.446	1.87	7.5
GW21-149		32.1	106.5	0.002	0.03	2.85	13.1	2	3.1	46.2	1.01	0.12	19.05	0.422	1.87	6.8
GW21-150		1.2	1.6	0.003	<0.01	<0.05	0.2	<1	<0.2	4.9	<0.05	<0.05	0.25	0.008	0.03	0.3
GW21-151		31.6	111.0	0.002	0.03	3.14	12.8	2	3.2	41.8	0.99	0.13	19.00	0.408	1.94	6.9
GW21-152		31.8	125.5	0.002	0.03	3.09	14.1	2	3.5	42.4	1.01	0.15	19.75	0.421	1.99	7.5
GW21-153		19.4	138.0	0.002	0.03	0.92	15.4	1	3.3	35.9	1.03	0.07	20.9	0.419	0.76	2.5
GW21-154		22.6	139.0	0.002	0.03	1.12	14.0	2	3.2	56.5	0.90	0.07	17.35	0.386	0.83	3.5
GW21-155		38.9	128.0	<0.002	0.04	1.20	13.0	2	3.2	59.3	0.75	0.08	15.05	0.369	1.17	4.3
GW21-156		42.4	133.0	<0.002	0.03	1.16	14.4	1	3.3	52.1	0.80	0.08	15.85	0.395	1.60	5.4
GW21-157		27.6	112.0	<0.002	0.03	1.67	14.9	2	3.6	39.7	1.06	0.06	16.85	0.464	1.56	5.8
GW21-158		27.4	98.5	<0.002	0.03	1.48	13.2	2	3.3	40.4	1.05	0.08	17.20	0.448	1.30	6.0
GW21-159		29.0	98.3	<0.002	0.03	1.58	13.6	2	3.4	45.9	1.12	0.11	17.75	0.473	1.29	5.6
GW21-160		108.5	264	0.008	0.72	1.79	15.2	2	16.2	161.0	1.80	0.39	39.2	0.226	1.37	1215

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-ICP89
	Analyte	V	W	Y	Zn	Zr	V
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOD	1	0.1	0.1	2	0.5	0.01
GW21-121		131	2.8	13.5	77	90.7	
GW21-122		133	2.7	12.7	84	84.3	
GW21-123		155	2.5	12.2	92	74.2	
GW21-124		136	2.4	15.1	78	79.2	
GW21-125		162	2.2	16.5	87	76.3	
GW21-126		227	2.0	13.3	82	69.9	
GW21-127		165	2.3	11.6	70	73.7	
GW21-128		135	2.2	15.0	81	71.0	
GW21-129		130	2.1	28.5	143	60.0	
GW21-130		1060	0.2	12.2	214	61.5	
GW21-131		98	1.9	25.4	92	51.4	
GW21-132		131	2.1	41.1	145	60.4	
GW21-133		125	2.2	41.7	119	60.8	
GW21-134		145	2.2	51.8	77	77.5	
GW21-135		150	2.3	46.4	65	76.4	
GW21-136		185	2.2	46.8	80	81.8	
GW21-137		285	2.2	76.7	105	74.0	
GW21-138		338	2.3	61.0	111	77.2	
GW21-139		211	1.9	37.9	102	66.2	
GW21-140		40	4.9	74.0	11	293	
GW21-141		1325	5.2	64.4	690	89.9	
GW21-142		618	3.3	39.1	268	74.1	
GW21-143		1385	4.7	72.5	166	73.1	
GW21-144		217	1.8	30.5	83	76.1	
GW21-145		156	1.9	25.6	83	69.0	
GW21-146		140	1.9	19.4	72	66.0	
GW21-147		137	2.1	16.8	74	70.2	
GW21-148		135	2.1	20.7	77	73.4	
GW21-149		126	2.0	19.4	78	71.3	
GW21-150		2	77.0	2.3	3	54.4	
GW21-151		133	2.3	20.3	75	68.6	
GW21-152		153	2.2	22.4	85	73.8	
GW21-153		89	1.8	41.5	68	51.0	
GW21-154		112	1.9	29.8	97	53.7	
GW21-155		125	2.1	12.4	80	76.3	
GW21-156		137	2.3	18.6	85	81.4	
GW21-157		145	2.4	15.3	55	80.7	
GW21-158		129	2.3	12.4	53	79.4	
GW21-159		124	2.3	12.4	60	86.1	
GW21-160		55	8.4	95.4	13	262	

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.

Sample Description	Method	WEI-21	PUL-QC	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Pass75um	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
GW21-161		0.24		0.12	7.16	9.8	590	2.01	0.53	0.16	0.06	73.7	16.2	78	6.75	51.3
GW21-162		0.21		0.06	6.27	10.3	520	2.00	0.49	0.18	0.10	69.5	17.2	69	6.63	41.0
GW21-163		0.23		0.08	6.31	10.9	550	1.86	0.53	0.20	0.07	70.9	12.2	70	7.32	40.8
GW21-164		0.22		0.24	7.55	16.0	470	2.19	1.36	0.14	0.14	110.5	22.9	80	14.20	126.5
GW21-165		0.22		0.23	6.49	12.7	570	2.19	0.72	0.21	0.14	93.7	26.4	72	9.32	62.5
GW21-166		0.22		0.11	6.91	11.0	590	2.19	0.58	0.19	0.10	84.8	14.2	75	9.85	53.4
GW21-167		0.25		0.23	6.71	12.8	700	2.22	0.64	0.16	0.13	80.8	24.0	76	6.58	66.0
GW21-168		0.22		0.33	6.65	15.0	770	2.51	0.69	0.18	0.15	76.6	22.8	76	6.79	61.7
GW21-169		0.24		0.29	6.33	19.8	740	2.23	0.67	0.16	0.17	70.9	24.8	73	5.98	56.5
GW21-170		0.02		0.04	6.50	3.3	530	4.37	0.26	1.34	0.03	123.5	8.0	68	6.31	52.1
GW21-171		0.24		0.16	6.72	12.6	670	2.08	0.57	0.20	0.11	89.1	17.6	78	8.32	46.0
GW21-172		0.24		0.21	6.80	12.1	610	2.12	1.14	0.17	0.13	79.9	19.1	77	10.45	92.8
GW21-173		0.25		0.32	6.54	14.0	610	2.39	0.65	0.17	0.13	92.4	30.0	71	7.96	67.5
GW21-174		0.23		0.11	9.09	18.6	680	2.93	1.68	0.07	0.11	181.0	20.5	82	18.60	220
GW21-175		0.22		0.25	7.37	15.6	500	3.17	1.85	0.12	0.21	145.5	28.6	74	14.05	184.5
GW21-176		0.24		0.41	7.46	13.8	520	4.08	1.96	0.12	0.19	169.5	57.2	81	14.45	187.5
GW21-177		0.23		0.32	7.40	13.0	530	3.19	1.42	0.14	0.15	124.5	44.4	82	11.35	133.0
GW21-178		0.26		0.26	7.13	11.1	560	3.19	1.06	0.15	0.15	105.0	38.0	80	10.40	102.5
GW21-179		0.22		0.29	7.25	9.9	650	3.04	0.97	0.16	0.10	82.3	28.7	88	10.45	99.8
GW21-180		0.02		0.02	0.11	<0.2	30	<0.05	<0.01	0.01	0.02	2.51	230	3	<0.05	1.6
GW21-181		0.22		0.24	6.80	8.6	630	2.71	0.71	0.21	0.16	80.3	26.2	80	9.05	88.1
GW21-182		0.24		0.39	7.15	8.8	660	2.80	0.63	0.17	0.11	81.9	27.3	84	9.11	85.2
GW21-183		0.24		0.46	7.54	15.7	720	3.23	0.70	0.16	0.14	119.5	38.7	86	11.85	102.0
GW21-184		0.22		0.60	7.43	22.6	810	3.24	0.92	0.17	0.20	135.0	39.0	85	14.70	104.0
GW21-185		0.21		0.41	7.02	22.0	840	2.83	0.87	0.24	0.22	115.5	36.5	83	12.20	97.2
GW21-186		0.25		0.18	7.42	16.0	1060	2.91	0.67	0.24	0.15	89.8	24.8	79	9.68	68.2
GW21-187		0.22		0.51	6.80	50.9	860	2.41	0.71	0.19	0.23	76.4	23.5	74	8.06	57.8
GW21-188		0.23		1.73	6.46	30.4	5370	3.78	0.81	0.20	1.63	129.5	11.3	190	6.43	138.0
GW21-189		0.24		0.43	8.05	22.0	6540	4.75	1.06	0.07	1.29	102.0	19.4	104	6.64	138.0
GW21-190		<0.02		0.06	2.26	6.9	10	0.05	0.04	0.05	0.04	2.89	172.0	3870	<0.05	192.0
GW21-191		0.22		0.17	7.61	7.6	890	2.04	0.60	0.21	0.10	57.2	24.0	86	10.35	33.6
GW21-192		0.21		0.23	8.26	8.5	940	2.38	0.63	0.22	0.10	75.1	28.7	87	12.65	47.3
GW21-193		0.23		0.14	8.72	8.1	950	2.52	0.64	0.19	0.08	72.7	29.9	93	15.60	48.8
GW21-194		0.24		0.25	8.14	9.0	880	2.34	0.70	0.23	0.17	78.6	28.4	82	11.40	58.4
GW21-195		0.23		0.23	7.27	10.0	560	2.14	0.65	0.21	0.08	85.6	27.4	71	8.36	56.1
GW21-196		0.23		0.16	7.18	10.6	560	2.24	0.74	0.15	0.14	69.6	22.1	72	7.45	60.7
GW21-197		0.25		0.15	7.46	9.0	660	2.68	0.78	0.09	0.08	47.2	18.0	73	10.25	75.9
GW21-198		0.24		0.26	7.54	13.0	640	2.40	0.81	0.12	0.07	74.3	28.3	75	10.55	75.6
GW21-199		0.24		0.43	7.20	20.1	630	2.61	0.98	0.15	0.19	94.4	38.1	75	10.70	73.9
GW21-200		0.02		0.12	5.52	18.3	20	0.16	0.04	1.63	0.12	4.66	161.0	3010	0.11	342

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
GW21-161		3.29	18.15	0.12	2.4	0.075	1.56	28.9	37.5	0.59	217	9.32	0.36	17.1	35.7	240
GW21-162		3.28	16.15	0.11	2.3	0.058	1.38	29.7	37.7	0.64	301	6.56	0.38	16.0	46.0	250
GW21-163		3.07	16.30	0.12	2.2	0.064	1.53	31.6	37.1	0.61	234	7.67	0.44	17.0	36.7	220
GW21-164		6.04	20.1	0.17	2.2	0.089	1.26	44.5	59.1	0.60	287	34.5	0.33	13.9	76.2	710
GW21-165		3.71	17.70	0.12	2.1	0.072	1.57	33.9	42.2	0.65	747	10.10	0.41	16.3	51.0	350
GW21-166		3.41	18.25	0.11	2.3	0.068	1.68	30.8	39.8	0.61	268	10.15	0.44	17.8	39.8	260
GW21-167		4.03	17.80	0.13	2.1	0.059	1.76	35.0	38.2	0.70	832	9.46	0.38	15.8	50.7	410
GW21-168		4.22	18.30	0.13	2.1	0.075	1.86	36.6	38.6	0.73	1275	9.61	0.37	16.2	48.0	480
GW21-169		4.50	16.80	0.14	1.9	0.069	1.82	36.2	32.5	0.79	1235	7.59	0.36	14.6	46.9	520
GW21-170		2.29	18.05	0.18	4.8	0.034	4.19	66.1	27.6	0.85	2560	48.4	1.87	22.0	39.6	270
GW21-171		4.02	17.70	0.17	2.3	0.068	1.57	42.4	43.3	0.75	967	6.47	0.50	15.9	40.9	750
GW21-172		4.87	17.70	0.16	1.8	0.073	1.46	40.5	45.0	0.66	763	20.2	0.41	13.4	55.5	580
GW21-173		4.05	17.25	0.13	2.0	0.064	1.68	32.9	39.4	0.68	694	9.65	0.39	15.5	56.6	390
GW21-174		7.33	25.6	0.32	2.3	0.093	1.62	95.9	80.9	0.55	175	25.6	0.21	14.3	96.0	1100
GW21-175		7.32	20.6	0.26	1.8	0.078	1.32	66.0	63.6	0.71	247	24.4	0.30	12.3	95.8	980
GW21-176		7.27	20.9	0.23	1.8	0.083	1.29	62.1	59.5	0.79	425	27.7	0.30	13.9	113.5	730
GW21-177		6.09	19.60	0.20	1.8	0.079	1.32	51.6	56.9	0.89	458	19.10	0.33	14.8	103.0	590
GW21-178		5.18	18.25	0.15	2.0	0.072	1.44	42.6	46.0	0.88	429	16.00	0.37	15.6	80.6	380
GW21-179		4.76	19.75	0.15	2.1	0.076	1.50	42.3	42.5	1.14	398	17.85	0.55	16.0	82.7	370
GW21-180		0.03	0.23	0.06	1.4	<0.005	0.10	1.3	1.8	<0.01	<5	0.06	0.01	<0.1	1.5	20
GW21-181		4.36	18.05	0.15	1.9	0.063	1.24	42.3	36.6	1.02	472	14.55	0.66	12.9	75.2	400
GW21-182		4.50	19.05	0.15	2.2	0.065	1.30	44.9	39.4	1.02	444	13.45	0.60	15.2	76.8	370
GW21-183		5.13	20.6	0.17	2.1	0.068	1.60	56.7	46.0	1.00	654	13.10	0.45	14.1	96.0	560
GW21-184		5.56	19.85	0.18	2.1	0.072	1.89	56.4	46.2	1.03	742	15.40	0.37	14.7	103.0	740
GW21-185		5.33	19.25	0.17	2.1	0.074	1.83	46.7	45.0	1.02	841	14.95	0.35	14.6	91.4	800
GW21-186		5.04	19.90	0.20	1.7	0.075	2.32	39.8	46.2	1.64	841	6.87	0.28	12.8	59.2	670
GW21-187		4.77	17.35	0.16	2.1	0.066	2.48	38.2	45.4	0.57	1180	9.95	0.45	11.5	52.9	650
GW21-188		4.08	20.6	0.29	1.9	0.280	1.93	87.2	40.3	1.22	187	170.0	0.16	12.8	81.8	1200
GW21-189		5.53	22.5	0.23	2.5	0.113	1.10	62.0	49.3	0.91	304	79.5	0.10	16.0	145.0	1860
GW21-190		44.6	39.4	0.55	0.5	0.104	0.01	1.1	3.9	0.66	1010	0.45	0.01	1.2	657	40
GW21-191		4.42	20.5	0.09	1.9	0.089	2.13	34.5	41.2	1.23	912	3.13	0.27	15.8	43.4	270
GW21-192		4.83	21.0	0.13	1.6	0.093	2.16	47.2	44.6	1.32	1005	3.53	0.23	15.8	57.0	310
GW21-193		5.22	23.5	0.15	1.9	0.105	2.35	44.5	50.5	1.53	628	3.56	0.18	16.3	62.7	270
GW21-194		4.46	20.8	0.11	1.9	0.097	2.16	44.8	42.3	1.30	552	5.70	0.21	14.6	72.5	350
GW21-195		4.44	17.85	0.10	2.4	0.072	1.58	42.6	42.1	1.03	611	7.94	0.36	15.8	85.3	310
GW21-196		4.13	18.65	0.09	2.2	0.069	1.65	28.5	38.0	0.76	460	11.85	0.30	14.9	50.8	360
GW21-197		4.31	18.90	0.07	2.4	0.074	2.07	16.0	30.5	0.51	208	13.00	0.21	15.2	60.6	350
GW21-198		4.20	19.95	0.08	2.2	0.080	1.90	24.3	35.9	0.51	513	15.50	0.26	14.6	57.9	390
GW21-199		4.76	18.95	0.09	2.1	0.071	1.85	36.8	39.1	0.58	1320	14.80	0.35	14.1	61.3	550
GW21-200		32.7	33.1	0.65	0.6	0.087	0.07	2.3	9.8	1.52	1150	0.67	0.43	1.5	612	160

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
GW21-161		21.2	93.0	<0.002	0.02	1.23	13.4	1	3.4	46.7	1.26	0.05	16.50	0.513	1.12	4.8
GW21-162		21.4	82.3	<0.002	0.02	1.17	11.4	1	3.0	52.7	1.13	<0.05	14.90	0.484	0.97	3.8
GW21-163		22.1	94.4	<0.002	0.02	1.21	11.7	1	3.1	59.2	1.13	0.05	15.05	0.498	1.06	4.0
GW21-164		66.5	90.8	<0.002	0.04	2.01	13.6	4	3.2	51.9	0.89	0.18	23.4	0.415	1.23	12.6
GW21-165		31.0	113.0	<0.002	0.02	1.45	12.4	2	3.4	56.1	1.14	0.09	16.50	0.469	1.44	4.6
GW21-166		24.7	108.0	<0.002	0.02	1.42	12.8	2	3.4	57.3	1.21	0.05	17.20	0.514	1.29	4.5
GW21-167		27.2	110.5	<0.002	0.02	1.59	13.6	2	3.3	47.3	1.09	0.09	16.30	0.471	1.22	5.3
GW21-168		30.8	118.0	<0.002	0.03	1.80	14.0	2	3.5	49.1	1.14	0.09	16.10	0.460	1.18	5.0
GW21-169		28.9	112.5	<0.002	0.03	1.75	12.6	1	3.3	45.3	1.01	0.07	14.75	0.424	1.07	4.6
GW21-170		111.5	337	0.004	1.30	0.19	6.5	1	1.5	120.5	1.75	0.28	66.6	0.182	1.46	32.9
GW21-171		33.9	103.0	0.002	0.04	1.23	11.8	2	3.0	66.3	1.06	0.09	15.15	0.476	0.86	5.0
GW21-172		59.0	94.1	<0.002	0.04	1.51	11.6	2	3.1	55.1	0.90	0.09	17.40	0.411	1.13	8.4
GW21-173		29.7	114.0	<0.002	0.02	1.55	13.1	2	3.2	52.2	1.05	0.06	15.90	0.466	1.34	5.0
GW21-174		58.9	112.5	<0.002	0.03	2.23	20.6	4	3.5	61.5	0.98	0.26	32.9	0.430	1.81	23.4
GW21-175		64.7	97.5	<0.002	0.05	1.83	14.0	5	3.0	51.9	0.87	0.25	22.5	0.381	1.77	12.4
GW21-176		61.0	100.0	<0.002	0.04	1.72	15.0	4	3.1	44.3	0.97	0.17	23.2	0.416	2.13	11.0
GW21-177		49.4	90.6	<0.002	0.03	1.62	13.2	3	3.1	46.3	1.04	0.14	19.65	0.453	1.80	8.9
GW21-178		38.3	102.5	<0.002	0.02	1.50	12.5	3	3.1	49.1	1.10	0.08	17.50	0.453	1.59	6.8
GW21-179		33.7	104.0	<0.002	0.02	1.70	14.9	2	3.2	45.2	1.12	0.13	18.30	0.463	1.73	8.3
GW21-180		1.3	1.5	0.002	<0.01	<0.05	0.1	<1	<0.2	4.6	<0.05	<0.05	0.23	0.008	0.02	0.3
GW21-181		32.2	85.0	<0.002	0.03	1.49	13.6	3	2.8	43.8	0.92	0.16	16.80	0.408	1.62	7.3
GW21-182		29.7	89.0	<0.002	0.02	1.53	13.8	2	3.1	41.0	1.03	0.07	17.85	0.454	1.66	7.5
GW21-183		29.6	109.0	<0.002	0.03	2.36	14.7	2	3.2	41.1	1.01	0.15	19.50	0.455	1.82	7.7
GW21-184		39.5	135.0	<0.002	0.04	2.43	15.2	2	3.5	40.0	1.06	0.10	20.5	0.450	2.12	8.3
GW21-185		38.5	126.0	<0.002	0.04	2.36	14.4	2	3.6	43.8	1.02	0.15	18.70	0.440	1.85	7.8
GW21-186		28.4	134.0	<0.002	0.03	1.53	14.8	1	3.4	42.5	0.88	0.06	17.80	0.402	1.19	4.9
GW21-187		40.6	145.5	<0.002	0.04	1.10	13.2	1	3.1	57.5	0.81	0.13	15.90	0.396	1.70	4.4
GW21-188		111.5	119.5	0.004	0.04	42.6	15.5	13	3.4	82.5	0.81	0.19	13.90	0.329	1.58	323
GW21-189		128.5	76.6	<0.002	0.02	10.50	17.0	5	3.3	68.7	1.18	0.13	16.35	0.486	1.35	99.5
GW21-190		1.1	0.5	0.004	0.06	0.68	28.1	4	0.9	6.1	0.10	<0.05	0.07	8.64	<0.02	0.5
GW21-191		22.2	156.5	<0.002	0.02	1.14	19.3	1	4.0	42.6	1.24	0.05	12.35	0.548	1.07	2.6
GW21-192		23.1	170.5	<0.002	0.02	1.25	21.4	1	4.0	38.6	1.19	<0.05	14.85	0.554	1.34	3.1
GW21-193		22.6	185.5	<0.002	0.02	1.26	23.7	1	4.2	32.9	1.24	<0.05	15.45	0.568	1.51	3.1
GW21-194		26.1	148.5	<0.002	0.02	1.59	20.1	2	3.8	37.3	1.09	0.05	15.85	0.527	1.48	3.7
GW21-195		24.3	112.5	<0.002	0.02	1.63	14.0	1	3.1	55.8	1.19	0.08	15.85	0.488	1.31	4.1
GW21-196		26.8	112.5	<0.002	0.03	1.71	13.9	2	3.3	46.2	1.12	0.11	15.55	0.445	1.26	4.1
GW21-197		26.0	137.0	<0.002	0.02	1.87	16.3	1	3.7	30.8	1.17	0.13	16.80	0.439	1.55	4.8
GW21-198		30.7	134.5	<0.002	0.03	2.08	16.6	2	3.9	38.8	1.10	0.12	16.75	0.439	1.51	4.9
GW21-199		37.7	136.5	<0.002	0.03	2.37	14.8	1	3.6	47.5	1.04	0.10	17.40	0.428	1.44	5.1
GW21-200		1.4	2.5	0.005	0.21	0.61	25.1	3	0.8	54.8	0.11	<0.05	0.35	5.66	<0.02	0.5

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.

Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	ME-ICP89 V % 0.01
GW21-161		134	2.5	11.0	47	92.1	
GW21-162		111	2.5	12.2	55	86.6	
GW21-163		112	2.5	11.4	52	86.0	
GW21-164		191	2.1	18.8	82	80.7	
GW21-165		117	2.5	14.0	64	80.6	
GW21-166		122	2.7	12.3	54	87.8	
GW21-167		132	2.2	15.0	71	78.5	
GW21-168		133	2.4	15.3	72	80.1	
GW21-169		126	2.2	17.8	73	69.9	
GW21-170		49	5.5	22.5	26	158.5	
GW21-171		148	2.2	19.0	77	86.9	
GW21-172		178	2.1	17.6	72	70.9	
GW21-173		123	2.2	14.5	70	77.2	
GW21-174		325	2.1	44.3	79	83.4	
GW21-175		200	1.8	30.8	97	66.0	
GW21-176		187	1.8	30.4	102	67.0	
GW21-177		180	2.0	25.1	109	72.3	
GW21-178		142	2.1	18.4	93	74.8	
GW21-179		196	2.2	19.8	97	80.7	
GW21-180		2	75.6	2.2	3	55.6	
GW21-181		193	2.2	19.5	94	74.6	
GW21-182		210	2.5	19.8	92	81.9	
GW21-183		202	2.3	27.0	102	79.7	
GW21-184		223	2.3	27.4	98	81.8	
GW21-185		216	2.1	22.9	99	80.9	
GW21-186		147	2.0	23.0	82	65.1	
GW21-187		134	2.1	14.2	87	80.6	
GW21-188		3180	8.5	149.5	214	70.9	
GW21-189		1610	6.5	74.3	423	94.1	
GW21-190		5880	0.4	2.2	339	15.0	
GW21-191		120	2.6	17.6	72	68.8	
GW21-192		119	2.5	26.8	68	61.0	
GW21-193		134	2.5	26.9	74	65.8	
GW21-194		122	2.3	23.4	64	70.5	
GW21-195		101	2.3	18.6	70	83.1	
GW21-196		107	2.3	11.5	60	78.2	
GW21-197		113	2.4	10.4	43	82.3	
GW21-198		120	3.1	13.1	51	76.7	
GW21-199		115	2.8	16.0	72	72.6	
GW21-200		3920	0.7	6.0	289	21.4	

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.

Sample Description	Method	WEI-21	PUL-QC	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Pass75um	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
GW21-201		0.24	98.0	0.46	7.12	27.9	660	2.54	0.95	0.18	0.18	134.5	50.3	72	12.00	100.5
GW21-202		0.24		0.33	6.78	26.7	740	2.50	0.94	0.19	0.19	108.0	41.1	72	9.95	78.5
GW21-203		0.23		0.17	6.22	19.4	690	2.01	0.70	0.25	0.17	94.0	25.6	69	7.48	50.4
GW21-204		0.24		0.15	6.06	18.9	650	2.01	0.67	0.23	0.15	91.7	25.6	69	7.22	47.9
GW21-205		0.20		0.26	6.25	13.8	920	2.26	0.78	0.42	0.40	77.9	20.2	63	7.23	56.1
GW21-206		0.17		0.47	6.55	12.6	660	2.84	1.51	0.27	0.33	138.5	50.3	66	11.80	105.0
GW21-207		0.20		0.42	7.04	16.3	500	2.35	1.07	0.21	0.18	106.0	27.0	70	12.60	78.4
GW21-208		0.20		0.25	7.37	13.2	500	2.43	1.23	0.20	0.15	123.0	28.3	76	13.35	94.2
GW21-209		0.20		0.59	7.38	12.6	480	2.64	1.31	0.18	0.16	112.5	28.6	76	13.55	90.5
GW21-210		0.02		0.02	0.11	<0.2	30	<0.05	0.01	0.01	0.02	2.91	244	4	<0.05	1.5
GW21-211		0.22		0.47	7.20	10.4	580	2.57	1.16	0.17	0.12	103.5	25.7	76	10.90	90.3
GW21-212		0.21		0.49	6.97	17.6	660	2.53	1.06	0.16	0.11	73.1	21.7	77	9.96	72.2
GW21-213		0.21		0.43	7.37	10.0	680	2.53	1.10	0.17	0.13	83.9	21.7	80	11.05	74.1
GW21-214		0.20		0.33	7.63	11.1	680	3.01	0.94	0.15	0.08	91.0	27.5	81	12.05	84.7
GW21-215		0.24		0.34	7.47	31.7	780	3.66	1.34	0.08	0.14	153.5	33.8	77	17.10	102.0
GW21-216		0.20		0.35	6.72	22.4	710	2.99	1.33	0.17	0.22	165.5	55.8	75	15.35	97.2
GW21-217		0.21		0.47	7.21	25.3	720	3.43	1.42	0.15	0.22	200	73.6	76	16.70	102.5
GW21-218		0.23		0.17	6.84	21.2	660	2.75	0.94	0.21	0.20	138.5	43.5	72	11.20	88.0
GW21-219		0.20		0.30	6.97	17.9	700	2.77	0.89	0.21	0.19	114.0	32.2	73	11.85	82.0
GW21-220		0.02		0.02	4.76	<0.2	240	0.37	0.05	2.65	0.09	19.30	157.0	34	1.42	40.2
GW21-221		0.21		0.13	8.75	7.2	1090	2.48	0.54	0.13	0.10	71.0	26.0	90	10.40	31.1
GW21-222		0.21		0.17	7.85	6.9	1100	2.44	0.51	0.17	0.08	62.2	23.0	86	10.60	31.6
GW21-223		0.21		0.30	7.44	7.8	910	2.34	0.64	0.20	0.10	61.9	23.5	78	9.23	39.2
GW21-224		0.20		0.28	7.05	7.4	830	2.34	0.66	0.19	0.10	62.6	19.7	75	7.58	45.1
GW21-225		0.22		0.36	7.04	9.8	660	2.18	0.67	0.16	0.07	82.3	21.7	73	7.39	52.1
GW21-226		0.21		0.18	6.55	12.5	530	2.31	0.77	0.17	0.09	83.1	17.2	73	7.22	62.1
GW21-227		0.21		0.14	6.60	15.8	490	2.17	0.66	0.18	0.07	73.8	9.3	76	7.39	39.8
GW21-228		0.21		0.14	7.37	22.0	710	2.36	0.78	0.04	0.03	56.6	4.4	78	12.85	44.6
GW21-229		0.21		0.19	6.53	32.3	560	2.39	0.81	0.11	0.06	74.8	22.8	71	8.54	75.9
GW21-230		0.02		0.39	10.65	49.2	630	5.84	11.65	0.02	<0.02	165.0	47.6	21	7.38	87.6
GW21-231		0.21		0.31	6.73	32.1	500	3.13	0.98	0.13	0.13	103.0	52.1	75	7.49	108.5
GW21-232		0.21		0.30	6.41	29.8	510	2.95	0.94	0.15	0.13	92.3	41.0	71	6.54	99.8
GW21-233		0.21		0.23	6.56	29.7	590	2.79	0.75	0.16	0.11	92.8	38.4	74	6.05	90.9
GW21-234		0.21		0.25	6.49	30.6	710	2.61	0.85	0.19	0.15	77.1	33.3	76	5.82	75.8
GW21-235		0.20		0.35	6.44	24.4	770	2.64	0.76	0.19	0.19	74.0	28.9	75	5.64	58.9
GW21-236		0.20		0.26	6.06	21.4	690	2.49	0.61	0.12	0.18	74.7	25.5	73	5.27	53.3
GW21-237		0.21		0.28	6.53	19.5	780	2.58	0.61	0.13	0.19	97.4	26.3	70	9.16	56.3
GW21-238		0.21		0.59	6.22	25.2	610	2.90	0.85	0.15	0.24	112.5	37.1	67	10.65	92.0
GW21-239		0.21		0.53	6.62	28.5	640	3.36	1.22	0.14	0.24	128.0	50.0	67	13.90	134.0
GW21-240		0.02		0.02	0.12	0.2	30	<0.05	0.01	0.01	0.02	2.81	245	3	<0.05	1.7

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
GW21-201		4.79	18.80	0.13	2.2	0.076	1.74	49.1	43.6	0.66	1865	13.10	0.31	14.6	79.6	500
GW21-202		4.75	18.15	0.13	2.2	0.073	1.81	47.4	40.9	0.68	2050	11.05	0.36	14.9	70.8	530
GW21-203		3.85	16.90	0.11	2.4	0.067	1.82	47.8	36.3	0.64	1685	8.23	0.49	15.8	44.2	470
GW21-204		3.71	16.50	0.13	2.5	0.066	1.78	47.7	36.7	0.62	1290	6.93	0.43	16.3	47.7	550
GW21-205		3.64	15.90	0.12	2.1	0.074	1.88	44.7	33.1	0.64	2270	6.52	0.43	13.0	41.1	1300
GW21-206		5.53	16.75	0.12	1.8	0.072	1.44	54.0	49.9	0.78	2720	16.90	0.38	11.9	65.6	1680
GW21-207		5.20	19.15	0.12	2.0	0.073	1.32	43.5	50.4	0.71	691	17.15	0.38	14.4	60.9	680
GW21-208		5.41	19.95	0.10	2.3	0.078	1.41	42.8	51.7	0.82	580	20.7	0.37	15.2	67.7	530
GW21-209		5.64	19.55	0.12	2.2	0.070	1.32	44.9	52.4	0.86	496	18.20	0.36	14.9	68.6	490
GW21-210		0.03	0.24	<0.05	1.6	<0.005	0.10	1.6	2.0	<0.01	<5	0.06	0.01	<0.1	1.6	20
GW21-211		5.16	19.00	0.10	2.0	0.070	1.54	46.3	44.9	0.79	447	19.30	0.33	14.5	63.3	550
GW21-212		4.90	18.05	0.09	2.1	0.072	1.76	33.0	38.5	0.85	473	16.70	0.33	14.4	48.0	450
GW21-213		4.87	19.20	0.08	2.1	0.075	1.80	34.1	42.7	0.90	486	14.90	0.35	15.0	51.9	510
GW21-214		5.98	19.95	0.08	2.4	0.072	1.65	35.9	45.6	0.95	439	17.95	0.38	14.8	62.0	480
GW21-215		7.14	19.15	0.13	2.4	0.089	2.29	42.0	39.9	0.67	292	26.4	0.26	14.1	103.0	700
GW21-216		6.50	17.65	0.09	2.1	0.081	1.99	37.6	39.5	0.55	754	21.0	0.25	12.9	85.2	970
GW21-217		6.58	20.4	0.10	2.4	0.088	2.02	40.4	48.1	0.67	875	22.7	0.31	14.3	107.5	890
GW21-218		5.86	18.15	0.11	2.5	0.071	1.90	37.2	46.9	0.88	825	14.10	0.35	14.3	78.8	650
GW21-219		5.91	18.35	0.11	2.5	0.076	1.96	40.5	45.5	0.83	813	12.65	0.29	14.1	73.0	830
GW21-220		22.6	17.80	0.87	1.6	0.072	0.36	8.7	10.2	8.54	2460	0.39	0.93	4.1	225	950
GW21-221		5.24	23.8	0.12	1.9	0.106	2.28	39.9	52.5	1.33	882	1.12	0.22	16.2	45.6	300
GW21-222		4.23	22.0	0.12	2.0	0.097	2.30	35.8	47.2	1.15	862	2.74	0.37	16.5	35.6	290
GW21-223		4.02	20.4	0.12	2.3	0.087	2.30	34.1	41.3	1.05	782	4.65	0.36	15.2	33.4	340
GW21-224		4.01	18.55	0.13	2.3	0.081	2.12	34.7	36.5	0.92	714	6.23	0.36	14.4	36.5	370
GW21-225		4.14	18.10	0.13	2.3	0.069	1.80	41.7	38.2	0.70	475	6.46	0.39	15.0	40.5	340
GW21-226		4.58	17.55	0.12	2.3	0.069	1.61	40.0	36.3	0.57	285	7.35	0.41	14.8	41.1	390
GW21-227		4.35	17.60	0.13	2.6	0.066	1.50	35.8	39.6	0.55	205	6.38	0.41	15.8	37.3	320
GW21-228		4.48	20.5	0.12	2.2	0.080	2.33	27.6	36.7	0.47	79	14.15	0.21	14.8	29.5	320
GW21-229		3.46	18.15	0.13	2.3	0.065	1.68	34.4	41.4	0.66	242	15.80	0.28	15.4	67.9	310
GW21-230		1.76	34.5	0.25	9.1	0.123	5.84	80.4	19.9	0.79	131	3.90	0.14	19.2	91.0	340
GW21-231		4.38	18.10	0.12	2.3	0.059	1.40	37.8	44.8	0.81	371	15.30	0.31	15.7	119.0	370
GW21-232		4.45	17.10	0.14	2.2	0.065	1.42	37.1	40.6	0.92	474	13.10	0.31	14.5	103.0	380
GW21-233		4.33	16.90	0.14	2.2	0.060	1.56	38.1	41.6	0.91	596	11.40	0.32	15.0	90.8	340
GW21-234		4.22	17.15	0.13	2.2	0.072	1.85	35.2	35.9	0.78	1005	11.20	0.32	14.5	69.8	410
GW21-235		4.14	17.05	0.14	2.1	0.071	1.82	37.5	35.8	0.77	1155	8.35	0.34	14.6	63.6	450
GW21-236		4.25	15.80	0.16	2.1	0.061	1.68	39.3	32.7	0.63	1050	6.09	0.31	14.0	54.3	450
GW21-237		4.32	18.55	0.18	2.3	0.073	1.64	48.1	44.5	0.64	1045	3.92	0.37	15.7	64.0	590
GW21-238		5.36	17.75	0.16	1.7	0.066	1.38	49.5	48.3	0.99	1020	8.77	0.32	13.6	90.6	730
GW21-239		6.16	18.05	0.18	1.7	0.067	1.46	51.3	57.4	1.02	1020	14.90	0.29	12.4	111.5	740
GW21-240		0.03	0.25	0.05	1.5	<0.005	0.11	1.4	2.0	<0.01	<5	0.06	0.01	<0.1	1.7	20

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
GW21-201		42.2	136.0	<0.002	0.03	2.67	15.3	2	3.5	53.2	1.09	0.10	19.45	0.438	1.50	6.1
GW21-202		43.7	126.0	<0.002	0.03	2.66	14.3	2	3.5	56.0	1.07	0.12	17.15	0.447	1.41	5.0
GW21-203		32.8	126.0	<0.002	0.03	1.99	12.5	2	3.2	74.5	1.15	0.08	15.55	0.470	0.98	4.0
GW21-204		31.8	121.5	0.003	0.03	1.99	12.3	1	3.1	69.0	1.19	0.05	15.25	0.473	0.95	4.1
GW21-205		37.3	146.5	<0.002	0.08	1.75	13.1	2	3.3	75.5	0.97	0.09	14.60	0.395	0.88	3.8
GW21-206		87.2	120.5	0.002	0.09	2.33	12.3	3	2.6	63.6	0.88	0.16	16.90	0.376	1.23	8.1
GW21-207		51.9	108.0	<0.002	0.04	1.52	12.5	2	3.0	61.4	1.07	0.10	18.10	0.422	1.20	6.5
GW21-208		49.0	119.0	0.002	0.03	1.59	13.1	3	3.4	59.9	1.11	0.15	19.15	0.439	1.30	7.1
GW21-209		51.1	103.0	<0.002	0.03	1.52	13.1	2	3.2	55.9	1.11	0.10	19.00	0.439	1.39	7.5
GW21-210		1.4	1.8	0.003	<0.01	<0.05	0.2	<1	<0.2	5.4	<0.05	<0.05	0.25	0.009	0.04	0.4
GW21-211		34.9	110.0	<0.002	0.03	1.29	13.3	3	3.2	50.5	1.07	0.10	18.90	0.429	1.46	7.9
GW21-212		31.3	120.5	<0.002	0.03	2.07	13.6	2	3.4	48.1	1.08	0.10	16.65	0.428	1.52	6.0
GW21-213		36.5	130.5	<0.002	0.03	1.39	14.8	3	3.5	50.2	1.13	0.16	17.50	0.440	1.66	6.1
GW21-214		26.9	122.5	<0.002	0.02	1.93	15.4	2	3.4	41.1	1.13	0.12	20.3	0.454	1.68	6.8
GW21-215		31.7	158.5	<0.002	0.03	5.17	15.3	3	3.9	29.7	1.10	0.18	21.9	0.454	2.09	7.2
GW21-216		42.3	148.5	<0.002	0.05	4.51	13.6	3	3.9	39.1	0.99	0.13	20.9	0.403	2.15	7.5
GW21-217		49.8	163.0	<0.002	0.04	5.23	15.4	2	4.5	51.3	1.08	0.13	22.4	0.414	2.12	7.8
GW21-218		37.2	138.5	<0.002	0.03	3.10	13.8	2	3.3	58.1	1.10	0.12	17.90	0.437	1.57	5.9
GW21-219		31.9	147.0	<0.002	0.03	2.98	14.4	2	3.4	51.2	1.10	0.13	18.75	0.422	1.59	5.9
GW21-220		2.6	12.7	0.002	0.01	0.05	24.5	1	0.8	182.5	0.36	<0.05	0.85	2.30	0.07	0.2
GW21-221		22.1	171.0	<0.002	0.02	0.81	23.4	1	4.5	40.8	1.30	0.05	14.45	0.587	1.10	2.3
GW21-222		20.4	151.0	<0.002	0.02	0.98	19.6	1	4.2	43.4	1.25	0.06	13.00	0.560	1.12	2.7
GW21-223		23.1	144.0	<0.002	0.02	1.20	17.6	1	4.1	42.9	1.18	0.11	14.65	0.505	1.25	3.3
GW21-224		22.3	127.5	<0.002	0.02	1.25	15.5	1	3.7	42.5	1.13	0.06	14.00	0.467	1.25	3.7
GW21-225		24.3	108.0	<0.002	0.02	1.56	13.1	1	3.3	51.8	1.13	0.06	16.55	0.462	1.26	4.3
GW21-226		27.7	101.5	<0.002	0.03	1.93	11.6	1	3.3	54.8	1.08	0.12	17.95	0.451	1.14	4.5
GW21-227		24.3	91.0	<0.002	0.03	2.18	11.5	1	3.2	55.8	1.22	0.07	18.65	0.489	0.91	3.4
GW21-228		20.2	140.5	<0.002	0.02	4.60	15.8	3	3.9	20.3	1.14	0.16	18.70	0.434	1.49	3.3
GW21-229		31.6	113.5	<0.002	0.02	3.58	13.6	2	3.4	36.8	1.17	0.10	16.75	0.474	1.42	5.4
GW21-230		24.4	274	0.014	1.11	0.60	11.4	1	23.9	77.9	1.80	0.21	37.9	0.200	1.39	242
GW21-231		39.4	98.9	<0.002	0.02	3.53	13.3	2	3.2	42.6	1.17	0.13	18.70	0.474	1.73	7.2
GW21-232		37.7	91.3	<0.002	0.02	3.34	12.7	2	3.0	42.7	1.15	0.13	17.15	0.445	1.50	6.4
GW21-233		31.6	98.6	<0.002	0.01	3.32	13.2	3	2.8	44.2	1.18	0.14	16.45	0.468	1.48	6.6
GW21-234		34.7	115.5	<0.002	0.02	3.54	12.8	2	3.3	43.2	1.11	0.10	16.05	0.451	1.33	6.1
GW21-235		33.0	106.5	<0.002	0.03	3.41	13.4	2	3.4	45.1	1.10	0.10	15.25	0.447	1.24	5.3
GW21-236		28.9	93.6	<0.002	0.02	3.51	12.4	<1	3.0	41.4	1.03	0.08	15.25	0.425	0.97	4.8
GW21-237		36.6	107.0	<0.002	0.03	2.17	13.0	1	3.2	67.7	1.16	0.10	17.10	0.445	1.17	5.8
GW21-238		45.8	101.5	0.003	0.04	2.24	11.9	1	2.8	49.2	1.02	0.13	16.40	0.394	1.50	7.2
GW21-239		63.9	93.1	<0.002	0.04	2.85	13.0	2	3.0	40.4	0.97	0.17	19.15	0.383	1.69	10.2
GW21-240		1.3	1.7	0.002	<0.01	<0.05	0.2	<1	<0.2	5.1	<0.05	<0.05	0.26	0.009	0.02	0.4

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.

Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	ME-ICP89 V % 0.01
GW21-201		108	2.6	20.3	89	75.8	
GW21-202		111	2.6	16.9	83	77.4	
GW21-203		98	2.4	15.7	74	93.7	
GW21-204		98	2.6	16.8	70	89.0	
GW21-205		88	2.3	18.4	90	74.0	
GW21-206		130	1.8	21.3	116	63.4	
GW21-207		151	2.2	17.4	90	75.5	
GW21-208		146	2.3	16.4	85	77.1	
GW21-209		141	2.3	18.6	87	74.6	
GW21-210		2	480	2.5	3	58.4	
GW21-211		154	2.3	17.3	73	72.6	
GW21-212		139	2.2	11.8	62	68.8	
GW21-213		148	2.3	13.4	75	72.6	
GW21-214		190	2.2	16.2	66	88.1	
GW21-215		209	2.1	21.4	93	82.8	
GW21-216		200	2.1	18.2	101	89.4	
GW21-217		190	2.3	19.7	111	84.2	
GW21-218		159	2.1	17.8	96	87.6	
GW21-219		153	2.2	19.8	88	83.6	
GW21-220		1085	0.1	13.5	222	63.7	
GW21-221		127	2.7	24.5	105	60.0	
GW21-222		133	2.8	21.8	73	74.2	
GW21-223		128	2.7	21.3	54	82.9	
GW21-224		124	2.6	18.8	52	82.0	
GW21-225		119	2.5	16.0	51	82.4	
GW21-226		105	2.4	12.2	49	80.3	
GW21-227		101	2.6	12.0	53	91.8	
GW21-228		124	2.9	9.5	27	84.4	
GW21-229		146	2.5	11.4	47	82.7	
GW21-230		41	4.8	76.3	9	295	
GW21-231		183	2.2	16.5	61	83.2	
GW21-232		173	2.1	16.4	62	76.8	
GW21-233		170	2.1	18.3	58	83.6	
GW21-234		193	2.3	14.8	55	78.0	
GW21-235		194	2.3	16.1	57	78.7	
GW21-236		162	2.2	18.8	53	73.9	
GW21-237		174	2.4	26.0	69	81.5	
GW21-238		188	1.9	29.4	78	65.6	
GW21-239		201	1.8	28.4	96	62.5	
GW21-240		3	89.2	2.4	3	58.2	

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.

Sample Description	Method	WEI-21	PUL-QC	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Pass75um	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
GW21-241		0.20		0.75	6.60	27.4	580	3.33	1.45	0.15	0.42	111.0	60.4	70	15.50	137.0
GW21-242		0.20		0.67	7.18	22.5	560	3.22	1.18	0.17	0.19	137.0	53.5	73	13.70	141.0
GW21-243		0.20		0.52	7.47	16.7	610	3.22	1.01	0.16	0.14	132.0	38.3	77	11.85	114.0
GW21-244		0.21		0.23	7.33	19.2	550	3.11	1.12	0.11	0.18	128.5	31.2	75	9.46	125.0
GW21-245		0.24		0.39	7.33	11.0	600	3.09	0.96	0.13	0.12	107.0	33.6	79	8.93	99.9
GW21-246		0.20		0.50	7.25	10.8	710	3.42	1.20	0.12	0.19	108.0	34.4	78	10.05	103.0
GW21-247		0.22		0.37	7.29	15.2	650	2.97	0.85	0.14	0.11	135.5	36.3	81	12.65	97.2
GW21-248		0.23		0.22	7.21	22.8	630	2.81	0.75	0.15	0.06	111.5	31.2	81	10.60	74.6
GW21-249		0.19		0.16	6.63	11.8	680	2.16	0.51	0.20	0.10	73.8	17.6	72	7.28	31.4
GW21-250		0.02		0.62	11.60	53.9	600	7.17	8.60	0.11	0.02	196.5	63.2	32	6.77	226
GW21-251		0.21	99.0	0.20	6.67	11.4	710	2.14	0.52	0.19	0.08	74.4	18.0	72	7.10	33.3
GW21-252		0.20		0.19	6.72	11.0	740	2.24	0.52	0.18	0.09	76.3	22.4	70	7.48	35.7
GW21-253		0.21		0.23	6.48	11.3	720	2.14	0.57	0.19	0.09	76.4	16.9	71	7.27	40.7
GW21-254		0.21		0.30	6.86	15.4	660	2.34	0.63	0.18	0.11	76.9	24.2	94	7.28	50.6
GW21-255		0.22		0.24	7.27	15.7	540	2.29	0.56	0.21	0.10	84.0	20.4	79	7.59	45.2
GW21-256		0.24		0.12	7.53	20.1	520	2.75	0.80	0.13	0.09	90.0	35.8	76	7.75	73.7
GW21-257		0.21		0.12	7.52	15.7	500	3.18	0.90	0.11	0.09	111.0	43.7	77	8.19	92.7
GW21-258		0.22		0.10	6.55	21.1	500	2.41	0.62	0.14	0.06	90.9	18.9	73	7.51	67.9
GW21-259		0.23		0.09	6.46	22.4	470	2.81	0.76	0.11	0.10	111.5	38.1	68	5.64	91.7
GW21-260		0.02		0.03	5.82	3.0	480	3.45	0.50	1.24	0.03	136.0	6.9	62	6.04	45.4
GW21-261		0.22		0.13	6.28	20.5	470	2.64	0.74	0.12	0.09	104.5	36.4	66	5.42	86.1
GW21-262		0.22		0.23	6.75	33.7	580	2.62	0.79	0.12	0.12	98.9	35.4	74	5.64	85.0
GW21-263		0.23		0.18	6.60	24.6	540	2.21	0.55	0.10	0.08	88.2	23.0	79	7.87	51.4
GW21-264		0.20		0.14	7.28	17.8	670	2.20	0.50	0.09	0.11	94.9	22.0	76	8.36	46.1
GW21-265		0.21		0.11	8.42	22.2	860	2.64	0.73	0.09	0.15	98.7	18.5	80	9.55	70.3
GW21-266		0.21		0.22	6.99	31.7	740	2.64	1.30	0.12	0.17	101.5	20.6	71	11.65	130.5
GW21-267		0.22		0.27	7.15	48.1	710	3.06	1.41	0.13	0.17	102.5	28.7	74	14.40	176.5
GW21-268		0.22		0.46	7.42	22.3	590	3.04	1.62	0.14	0.15	146.0	31.3	73	14.50	207
GW21-269		0.21		0.31	7.41	19.5	530	3.46	1.60	0.12	0.15	171.5	44.4	72	11.45	157.5
GW21-270		0.02		0.02	0.11	<0.2	30	<0.05	0.01	0.01	0.02	2.96	244	3	<0.05	1.9
GW21-271		0.21		0.37	6.54	14.0	550	3.26	1.36	0.13	0.17	117.5	37.0	69	8.83	131.5
GW21-272		0.23		0.19	6.80	13.5	550	3.51	1.61	0.11	0.11	126.0	40.8	72	8.46	142.0
GW21-273		0.22		0.27	7.23	12.9	560	3.68	1.34	0.11	0.10	172.0	48.6	74	9.89	155.5
GW21-274		0.21		0.09	10.30	8.8	1480	3.63	0.82	0.06	0.11	114.5	29.5	88	10.35	41.4
GW21-275		0.21		0.09	9.29	9.1	1340	3.25	0.62	0.09	0.07	94.0	26.9	93	13.05	33.8
GW21-276		0.22		0.09	8.52	10.0	1350	2.88	0.58	0.11	0.06	79.1	24.1	93	13.35	33.2
GW21-277		0.20		0.13	7.10	12.4	1080	2.14	0.41	0.12	0.06	66.9	20.6	76	10.55	27.8
GW21-278		0.20		0.19	6.87	16.4	850	2.17	0.54	0.17	0.11	76.9	24.1	75	9.10	34.0
GW21-279		0.20		0.17	6.67	14.2	570	1.78	0.66	0.22	0.10	88.2	20.3	75	8.20	48.0
GW21-280		0.02		0.06	2.18	7.0	10	0.05	0.04	0.05	0.05	2.74	167.5	3880	0.05	187.0

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
GW21-241		6.87	18.00	0.17	1.7	0.077	1.44	47.3	57.9	0.63	1105	15.20	0.36	12.7	119.5	800
GW21-242		6.04	18.85	0.21	1.9	0.071	1.39	48.9	58.4	0.95	603	14.25	0.33	14.4	100.5	530
GW21-243		5.46	20.5	0.18	2.1	0.063	1.48	49.1	53.7	0.90	465	15.15	0.37	15.6	84.2	400
GW21-244		5.87	18.85	0.19	2.0	0.064	1.49	41.6	49.1	1.17	449	15.05	0.26	13.7	79.6	510
GW21-245		5.50	19.40	0.15	2.1	0.066	1.48	41.5	47.6	0.94	411	16.40	0.33	15.3	79.2	350
GW21-246		5.61	19.00	0.17	2.0	0.072	1.82	43.2	41.1	0.77	419	18.95	0.36	14.3	72.8	560
GW21-247		5.34	19.05	0.14	2.2	0.072	1.76	36.2	45.6	0.71	332	14.30	0.35	16.0	86.1	430
GW21-248		5.05	19.30	0.13	2.5	0.065	1.70	35.2	48.9	0.72	331	11.40	0.40	17.3	69.5	320
GW21-249		3.35	18.05	0.13	2.6	0.069	1.87	38.0	40.3	0.68	893	4.53	0.46	16.2	32.4	330
GW21-250		1.88	36.4	0.30	8.3	0.148	6.32	93.8	31.2	0.91	131	4.29	0.18	19.2	83.2	970
GW21-251		3.33	18.10	0.15	2.5	0.064	1.87	40.4	40.0	0.66	924	4.91	0.44	16.4	32.5	310
GW21-252		3.37	18.45	0.16	2.6	0.071	1.90	40.7	40.6	0.66	968	5.73	0.44	16.9	34.6	280
GW21-253		3.24	18.10	0.17	2.6	0.068	1.97	38.7	37.0	0.61	674	6.62	0.46	17.1	32.9	300
GW21-254		3.74	17.95	0.17	2.6	0.073	1.76	37.1	38.6	0.71	824	7.46	0.42	16.7	51.0	310
GW21-255		3.82	18.50	0.16	2.5	0.069	1.48	40.4	44.0	0.72	605	6.17	0.47	17.3	54.3	310
GW21-256		4.37	20.3	0.08	2.6	0.066	1.43	36.6	51.6	0.95	295	11.10	0.28	16.7	92.5	330
GW21-257		4.43	20.2	0.10	2.6	0.066	1.34	42.4	51.1	0.91	258	12.30	0.22	17.2	119.5	390
GW21-258		4.14	17.45	0.08	2.4	0.060	1.51	35.1	40.9	0.57	206	9.80	0.26	16.1	46.3	340
GW21-259		4.16	17.00	0.08	2.1	0.054	1.28	31.5	40.7	0.79	288	11.65	0.22	13.8	88.9	330
GW21-260		2.08	16.95	0.12	4.9	0.029	3.85	70.0	22.0	0.77	2360	44.0	1.70	21.1	36.2	270
GW21-261		4.17	16.35	0.09	2.0	0.055	1.26	32.1	37.0	0.82	433	10.20	0.23	14.0	81.0	280
GW21-262		4.30	17.70	0.09	2.1	0.055	1.48	33.7	39.4	0.84	710	9.58	0.25	14.9	86.2	320
GW21-263		5.68	17.55	0.10	2.3	0.066	1.46	38.3	41.4	0.66	940	4.71	0.25	15.3	51.9	470
GW21-264		4.51	19.15	0.11	2.4	0.071	1.66	44.2	45.9	0.59	847	2.68	0.21	16.3	45.9	460
GW21-265		5.41	22.6	0.14	2.4	0.081	1.68	49.1	47.9	0.60	417	4.28	0.21	15.0	60.3	760
GW21-266		6.07	18.90	0.12	1.9	0.074	1.75	43.2	44.3	0.56	235	13.35	0.27	14.2	86.6	710
GW21-267		8.35	19.15	0.15	1.8	0.080	1.67	46.6	52.5	0.58	218	18.45	0.31	13.9	103.0	870
GW21-268		7.09	20.2	0.15	1.9	0.078	1.55	49.5	57.8	0.61	195	33.9	0.32	14.5	90.1	580
GW21-269		6.76	19.75	0.25	2.1	0.070	1.36	49.8	59.9	0.86	304	23.6	0.26	14.1	100.5	480
GW21-270		0.03	0.23	<0.05	1.5	<0.005	0.10	1.5	2.0	<0.01	<5	<0.05	0.01	<0.1	1.5	10
GW21-271		6.33	18.15	0.14	1.9	0.063	1.32	47.1	51.6	1.06	326	20.3	0.24	13.3	105.0	410
GW21-272		6.80	18.10	0.14	1.9	0.064	1.41	48.5	42.6	0.86	291	22.5	0.24	13.0	88.2	490
GW21-273		6.55	20.2	0.15	2.0	0.068	1.47	56.0	47.6	0.80	250	21.2	0.27	14.1	79.1	420
GW21-274		6.61	29.1	0.21	2.1	0.123	2.30	65.2	65.0	1.03	649	0.60	0.12	19.2	58.2	530
GW21-275		5.92	25.8	0.19	1.8	0.108	2.05	46.2	60.6	1.30	734	0.78	0.17	18.0	52.5	310
GW21-276		5.20	24.2	0.13	2.0	0.102	1.82	41.1	59.3	1.23	616	1.08	0.20	18.3	47.8	250
GW21-277		3.84	19.05	0.10	2.1	0.068	1.84	28.9	45.0	0.75	748	2.42	0.26	16.0	40.4	260
GW21-278		3.65	18.40	0.09	2.3	0.067	1.76	33.4	41.2	0.70	1010	4.52	0.36	15.7	46.5	290
GW21-279		3.60	18.75	0.11	2.5	0.066	1.57	38.4	35.6	0.64	814	7.60	0.44	17.1	44.5	320
GW21-280		45.2	39.7	0.67	0.5	0.094	0.01	1.0	4.1	0.65	987	0.47	0.01	1.3	655	40

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
GW21-241		70.4	98.1	<0.002	0.05	2.64	12.0	3	3.2	48.1	0.97	0.17	20.4	0.388	1.46	10.9
GW21-242		59.1	103.5	<0.002	0.03	1.85	13.9	1	3.0	46.9	1.06	0.11	20.5	0.424	1.83	10.3
GW21-243		44.4	105.5	<0.002	0.03	1.66	14.0	2	3.1	50.1	1.17	0.13	20.2	0.460	1.81	8.0
GW21-244		40.4	105.0	<0.002	0.03	2.02	14.3	4	2.9	40.8	1.02	0.19	18.95	0.420	1.63	6.6
GW21-245		33.4	105.0	<0.002	0.03	1.56	13.6	2	3.1	43.9	1.14	0.10	18.40	0.460	1.60	7.0
GW21-246		37.7	118.0	<0.002	0.03	1.67	13.6	3	3.5	46.9	1.07	0.15	21.8	0.427	1.75	7.9
GW21-247		30.3	126.0	<0.002	0.03	2.09	13.8	2	3.5	49.8	1.22	0.15	20.0	0.479	1.86	6.0
GW21-248		27.3	120.0	<0.002	0.02	3.51	13.4	2	3.4	55.8	1.22	0.12	19.25	0.499	1.53	5.4
GW21-249		26.4	128.5	<0.002	0.03	1.52	13.3	1	3.5	63.8	1.22	0.10	15.00	0.486	0.92	3.6
GW21-250		105.5	254	0.007	0.68	1.76	14.8	1	16.1	160.0	1.87	0.36	36.1	0.222	1.24	1210
GW21-251		25.7	127.0	<0.002	0.02	1.57	13.6	1	3.5	62.0	1.22	0.06	15.05	0.481	0.91	3.8
GW21-252		24.4	126.0	<0.002	0.02	1.51	14.2	2	3.5	60.9	1.25	0.11	15.60	0.490	1.00	4.0
GW21-253		23.3	126.0	<0.002	0.02	1.59	13.6	1	3.7	61.5	1.28	0.06	16.00	0.486	1.15	4.3
GW21-254		30.8	111.5	<0.002	0.02	2.01	13.7	1	3.5	55.3	1.23	0.07	16.85	0.495	1.21	4.8
GW21-255		27.3	99.2	<0.002	0.02	1.89	12.8	1	3.3	63.1	1.27	0.09	17.00	0.517	1.18	4.4
GW21-256		32.8	90.8	0.002	0.03	2.63	14.9	2	3.4	42.5	1.19	0.07	18.65	0.501	1.43	6.2
GW21-257		32.5	91.1	0.002	0.02	2.93	14.9	3	3.4	38.1	1.18	0.06	21.2	0.506	1.67	7.2
GW21-258		25.5	100.0	<0.002	0.03	3.44	11.6	1	3.1	43.2	1.12	0.05	17.65	0.494	1.18	4.7
GW21-259		29.9	84.5	<0.002	0.02	4.33	12.1	2	2.8	33.8	1.01	0.05	16.55	0.451	1.22	6.1
GW21-260		103.5	313	0.003	1.18	0.16	5.9	1	1.5	111.0	1.59	0.28	65.9	0.169	1.36	33.5
GW21-261		29.7	80.7	<0.002	0.02	4.07	11.7	<1	2.8	34.4	1.02	0.06	15.65	0.433	1.27	5.5
GW21-262		30.3	87.7	<0.002	0.02	4.19	12.1	<1	3.0	36.7	1.10	<0.05	16.25	0.477	1.23	5.9
GW21-263		24.6	97.9	<0.002	0.02	2.74	12.0	<1	2.9	45.7	1.08	0.05	15.85	0.478	0.95	4.6
GW21-264		26.8	104.0	<0.002	0.02	2.96	13.3	1	3.1	55.9	1.18	0.07	17.10	0.502	0.87	4.0
GW21-265		39.1	101.5	<0.002	0.02	2.22	14.8	<1	3.6	93.5	1.12	0.07	20.4	0.475	1.19	6.9
GW21-266		42.9	102.5	<0.002	0.03	2.35	12.4	1	3.2	47.3	1.02	0.11	22.9	0.426	1.26	14.0
GW21-267		50.2	99.6	<0.002	0.03	2.30	12.5	2	3.3	49.8	0.98	0.15	20.7	0.416	1.43	12.8
GW21-268		85.3	103.5	<0.002	0.03	2.44	12.6	2	3.4	51.7	1.00	0.13	20.4	0.436	1.84	11.1
GW21-269		70.1	92.2	<0.002	0.03	2.32	14.5	2	3.2	43.5	1.05	0.16	19.25	0.438	2.04	9.5
GW21-270		1.1	1.9	0.002	<0.01	<0.05	0.2	1	<0.2	5.0	<0.05	<0.05	0.26	0.009	0.03	0.3
GW21-271		43.4	86.0	<0.002	0.03	2.00	13.1	2	3.0	38.6	0.96	0.13	17.15	0.400	1.79	8.2
GW21-272		36.7	88.1	0.012	0.03	1.89	13.6	2	2.9	38.4	0.94	0.15	17.65	0.405	1.62	7.7
GW21-273		31.4	97.9	0.005	0.03	1.71	14.6	2	3.1	42.3	1.03	0.11	20.6	0.441	1.94	8.1
GW21-274		24.4	156.5	0.003	0.02	0.91	28.2	<1	5.5	39.9	1.39	<0.05	22.1	0.625	1.14	2.7
GW21-275		23.6	160.0	0.002	0.02	0.96	23.9	<1	4.7	32.2	1.33	<0.05	17.60	0.596	1.12	2.6
GW21-276		20.7	136.0	0.002	0.02	1.00	21.2	<1	4.5	35.2	1.33	<0.05	15.10	0.594	1.09	2.6
GW21-277		19.7	121.5	<0.002	0.02	1.29	15.1	1	3.5	42.1	1.12	<0.05	12.45	0.525	1.11	2.8
GW21-278		25.4	116.5	<0.002	0.02	1.88	13.6	2	3.5	51.8	1.11	0.05	14.30	0.494	1.14	3.4
GW21-279		30.6	104.5	<0.002	0.02	2.26	11.5	1	3.5	63.9	1.24	0.06	16.35	0.487	0.95	4.5
GW21-280		0.9	0.7	0.003	0.06	0.73	26.1	3	0.9	5.6	0.09	<0.05	0.08	8.75	<0.02	0.5

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.

Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	ME-ICP89 V % 0.01
GW21-241		191	2.5	23.4	123	62.7	
GW21-242		183	2.5	33.6	107	69.2	
GW21-243		158	2.3	27.6	88	72.4	
GW21-244		138	1.9	18.0	80	73.8	
GW21-245		174	2.2	21.7	77	78.1	
GW21-246		170	2.2	19.9	76	72.3	
GW21-247		144	2.4	16.6	80	95.4	
GW21-248		140	2.5	15.5	67	87.4	
GW21-249		118	2.7	16.2	64	92.8	
GW21-250		54	9.0	92.8	14	257	
GW21-251		119	2.8	17.1	59	92.6	
GW21-252		128	2.8	18.6	55	93.8	
GW21-253		121	2.8	16.2	48	95.5	
GW21-254		136	2.6	15.6	58	89.3	
GW21-255		116	2.6	16.4	58	92.4	
GW21-256		147	2.2	18.0	68	100.5	
GW21-257		130	2.0	19.6	69	99.0	
GW21-258		110	2.3	12.2	57	88.5	
GW21-259		145	1.7	16.7	66	77.9	
GW21-260		44	4.5	22.1	26	153.0	
GW21-261		159	1.8	20.2	59	73.7	
GW21-262		189	2.0	18.0	67	76.6	
GW21-263		151	2.0	21.0	61	82.9	
GW21-264		135	2.4	20.8	68	83.5	
GW21-265		202	2.3	30.0	79	85.7	
GW21-266		271	2.3	19.4	75	70.3	
GW21-267		262	2.9	20.7	105	66.1	
GW21-268		198	2.0	19.6	112	69.9	
GW21-269		202	1.9	29.1	135	75.2	
GW21-270		2	82.1	2.3	3	54.7	
GW21-271		209	2.0	25.8	119	68.9	
GW21-272		165	1.6	22.2	78	66.7	
GW21-273		155	1.8	24.1	69	68.8	
GW21-274		146	2.3	38.0	127	74.2	
GW21-275		133	2.4	32.7	126	69.2	
GW21-276		127	2.4	28.2	111	83.1	
GW21-277		114	2.4	16.1	72	76.1	
GW21-278		111	2.4	15.2	69	82.7	
GW21-279		108	2.5	13.0	63	88.0	
GW21-280		5890	0.5	2.0	342	15.1	

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.

Sample Description	Method	WEI-21	PUL-QC	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Pass75um	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
GW21-281		0.25		0.45	7.45	33.1	9570	5.11	0.55	0.11	1.24	144.5	16.1	154	7.37	306
GW21-282		0.23		1.05	7.06	31.5	>10000	6.27	0.87	0.10	0.85	127.0	10.2	220	6.21	277
GW21-283		0.24		2.01	6.15	31.1	>10000	6.57	1.12	0.07	0.44	133.0	6.3	182	5.15	217
GW21-284		0.21		0.10	7.43	13.6	560	2.12	0.70	0.19	0.09	106.0	27.2	76	9.30	64.8
GW21-285		0.21		0.10	6.52	12.0	540	2.08	0.69	0.18	0.10	86.7	27.3	71	7.39	66.9
GW21-286		0.21		0.10	6.21	14.5	550	2.02	0.59	0.20	0.09	87.7	25.8	66	6.99	50.8
GW21-287		0.23		0.17	6.24	12.2	590	1.97	0.60	0.20	0.10	87.2	26.4	68	6.68	49.0
GW21-288		0.23		0.26	6.39	12.0	680	2.35	0.70	0.18	0.12	90.1	25.9	71	6.63	56.5
GW21-289		0.19		0.15	5.78	13.7	530	1.97	0.47	0.17	0.11	80.5	16.8	64	7.07	25.0
GW21-290		0.02		0.13	5.35	17.8	20	0.19	0.04	1.55	0.15	4.08	160.0	2950	0.11	308
GW21-291		0.22		0.13	6.06	13.1	530	1.84	0.51	0.19	0.10	81.8	17.8	76	7.40	26.7
GW21-292		0.21		0.14	5.93	11.7	520	1.79	0.58	0.17	0.10	76.2	17.3	75	7.57	32.6
GW21-293		0.21		0.13	7.52	16.6	480	2.18	0.75	0.22	0.09	92.1	23.7	80	10.30	57.4
GW21-294		0.23		0.16	7.75	14.8	460	2.34	0.80	0.20	0.08	96.8	22.7	84	9.65	72.1
GW21-295		0.24		0.12	7.50	15.4	440	2.25	1.28	0.15	0.09	96.1	18.6	78	9.74	99.5
GW21-296		0.22		0.12	7.49	17.2	390	2.23	1.16	0.13	0.11	91.2	20.1	79	9.03	97.5
GW21-297		0.22		0.18	6.96	16.4	380	2.79	1.20	0.12	0.22	99.3	36.3	78	8.28	119.5
GW21-298		0.19		0.14	7.82	12.0	1080	2.46	0.46	0.15	0.09	81.5	22.5	84	10.85	26.2
GW21-299		0.19		0.26	7.39	12.4	1160	2.36	0.57	0.19	0.14	77.2	23.0	76	10.50	25.9
GW21-300		0.02		0.02	0.11	<0.2	30	<0.05	<0.01	0.01	<0.02	2.59	227	4	<0.05	1.6
GW21-301		0.20	99.0	0.45	8.13	16.4	2410	3.34	0.75	0.15	0.08	80.9	20.9	91	9.99	48.6
GW21-302		0.20		0.40	8.10	12.2	2030	2.83	0.59	0.15	0.09	77.0	19.7	79	10.75	27.0
GW21-303		0.20		0.23	8.98	13.1	2060	2.92	0.62	0.11	0.07	83.9	24.6	89	12.80	28.5
GW21-304		0.20		0.13	9.47	12.4	2240	3.04	0.56	0.11	0.03	86.7	25.3	91	17.60	30.0
GW21-305		0.22		0.16	9.13	19.2	1480	2.51	0.66	0.15	0.04	125.5	29.7	90	13.50	59.6
GW21-306		0.22		0.22	8.39	24.9	1160	2.65	0.78	0.06	0.05	85.0	28.8	87	21.0	84.1
GW21-307		0.21		0.18	7.33	24.4	730	2.16	0.95	0.13	0.04	84.4	10.9	77	14.80	63.5
GW21-308		0.21		0.12	6.67	16.4	580	2.51	0.79	0.18	0.06	103.5	13.2	75	11.45	56.6
GW21-309		0.22		0.14	6.60	13.8	580	2.33	0.72	0.19	0.07	104.5	18.4	76	10.25	47.9
GW21-310		0.02		0.01	3.82	0.2	250	0.44	0.02	2.56	0.08	17.55	156.5	35	1.26	40.2
GW21-311		0.20		0.19	6.61	12.5	600	2.65	0.68	0.22	0.09	104.0	23.8	77	9.67	46.8
GW21-312		0.21		0.15	6.59	14.3	640	3.37	0.59	0.21	0.17	91.4	39.8	77	7.14	47.6
GW21-313		0.21		0.09	6.44	14.8	620	2.23	0.52	0.19	0.12	88.0	21.1	77	7.00	30.3
GW21-314		0.21		0.08	6.23	14.0	580	2.14	0.56	0.20	0.11	80.7	19.1	73	7.02	38.1
GW21-315		0.21		0.14	6.17	16.4	570	2.32	0.63	0.22	0.13	83.3	21.4	70	7.21	43.5
GW21-316		0.22		0.21	6.50	18.0	570	2.62	0.81	0.21	0.20	89.6	26.2	70	7.50	63.5
GW21-317		0.20		0.21	7.07	16.7	550	2.75	0.82	0.23	0.16	107.5	36.5	78	8.11	63.9
GW21-318		0.20		0.13	8.72	11.6	1530	2.75	0.49	0.10	0.08	77.9	23.6	93	11.45	35.0
GW21-319		0.20		0.68	8.64	19.5	2470	3.09	0.60	0.11	0.12	79.3	22.2	91	14.55	37.6
GW21-320		0.02		0.41	10.65	53.3	620	5.97	12.40	0.02	0.02	141.0	49.4	21	7.58	87.4

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
GW21-281		5.09	27.6	0.25	2.4	0.316	1.39	93.9	54.4	1.30	252	153.0	0.16	16.9	109.5	2630
GW21-282		4.08	27.1	0.23	2.3	0.256	1.41	82.2	39.4	0.81	188	230	0.18	16.9	74.6	2590
GW21-283		3.70	22.9	0.18	2.3	0.213	0.89	91.7	33.7	0.54	149	192.5	0.13	15.8	58.7	3750
GW21-284		4.30	20.7	0.11	2.6	0.070	1.52	39.0	44.5	0.67	412	9.94	0.38	17.8	59.7	310
GW21-285		4.28	17.85	0.08	2.3	0.058	1.38	27.3	37.8	0.59	441	9.44	0.33	15.9	65.3	320
GW21-286		3.38	17.15	0.08	2.3	0.055	1.43	30.7	36.9	0.59	847	7.11	0.39	16.1	50.2	270
GW21-287		3.39	17.35	0.08	2.5	0.061	1.58	33.5	33.2	0.56	914	6.55	0.40	16.8	43.6	320
GW21-288		3.69	18.80	0.10	2.5	0.071	1.61	38.8	34.2	0.54	1555	7.64	0.38	17.0	50.5	400
GW21-289		2.91	16.60	0.11	2.7	0.062	1.38	38.7	37.6	0.51	1695	3.64	0.38	18.0	32.1	350
GW21-290		30.9	32.0	0.60	0.6	0.078	0.07	1.8	9.5	1.44	1070	0.74	0.40	1.4	566	150
GW21-291		3.34	16.25	0.13	2.6	0.067	1.42	38.2	40.4	0.58	1300	3.73	0.44	18.0	33.7	340
GW21-292		3.40	15.75	0.13	2.6	0.061	1.37	35.6	41.0	0.52	1020	5.23	0.40	17.3	33.0	310
GW21-293		4.78	19.80	0.15	2.6	0.075	1.34	41.6	54.7	0.66	500	8.33	0.48	18.1	56.7	340
GW21-294		5.20	19.90	0.14	2.4	0.065	1.30	34.8	56.0	0.63	239	11.30	0.45	17.1	58.3	280
GW21-295		6.04	18.90	0.12	2.4	0.069	1.16	32.0	56.0	0.58	205	15.15	0.38	15.0	69.3	330
GW21-296		5.82	19.75	0.15	2.5	0.067	1.14	36.3	65.2	0.67	220	11.25	0.35	16.4	81.9	320
GW21-297		7.34	17.35	0.15	2.4	0.067	1.11	35.5	55.4	0.59	259	11.05	0.31	15.9	99.3	360
GW21-298		4.22	20.6	0.14	2.5	0.085	1.94	40.3	51.7	0.95	1090	1.78	0.46	17.7	38.0	320
GW21-299		3.81	19.20	0.14	2.3	0.078	1.90	37.8	47.9	0.75	1625	3.05	0.50	16.6	32.5	410
GW21-300		0.03	0.22	0.06	1.6	<0.005	0.10	1.3	1.8	<0.01	<5	0.05	0.01	<0.1	1.6	10
GW21-301		4.43	22.3	0.18	2.6	0.096	2.12	39.5	46.2	0.74	899	13.40	0.53	17.1	39.1	370
GW21-302		4.18	21.8	0.15	2.2	0.092	2.07	32.7	46.9	0.74	745	3.13	0.51	16.5	35.8	370
GW21-303		5.05	23.8	0.17	2.1	0.109	2.07	30.6	56.6	0.85	433	2.54	0.44	16.7	39.9	300
GW21-304		5.11	25.1	0.18	2.1	0.103	2.27	32.0	59.2	0.92	454	2.64	0.44	16.8	41.7	300
GW21-305		5.17	24.9	0.18	2.6	0.085	2.15	40.6	54.3	0.69	354	6.31	0.46	17.6	46.2	350
GW21-306		4.68	23.0	0.16	2.5	0.087	2.51	35.8	41.6	0.54	273	12.50	0.32	15.4	60.0	360
GW21-307		3.77	19.20	0.16	2.4	0.075	1.86	39.4	42.5	0.54	214	17.40	0.35	16.4	30.9	370
GW21-308		3.88	17.70	0.18	2.5	0.067	1.60	45.7	41.2	0.54	600	9.61	0.40	17.2	30.3	340
GW21-309		3.93	17.35	0.19	2.6	0.069	1.61	45.0	40.8	0.56	813	9.02	0.43	17.5	30.4	350
GW21-310		21.9	16.80	0.56	1.6	0.062	0.34	7.5	9.4	7.92	2370	0.38	0.89	3.8	214	910
GW21-311		4.10	17.95	0.19	2.7	0.066	1.61	49.0	41.4	0.59	1015	9.39	0.50	18.0	31.2	430
GW21-312		3.87	17.05	0.19	2.7	0.060	1.70	38.1	41.7	0.60	1245	6.14	0.50	16.7	47.3	510
GW21-313		3.80	16.45	0.16	2.8	0.062	1.52	42.1	40.9	0.64	1725	3.99	0.45	17.4	37.1	450
GW21-314		3.82	15.45	0.17	2.7	0.063	1.45	40.4	40.4	0.61	1625	5.23	0.44	16.3	38.2	480
GW21-315		4.07	16.20	0.17	2.5	0.062	1.46	39.6	41.4	0.65	1220	6.53	0.50	16.4	46.0	460
GW21-316		4.94	16.90	0.15	2.3	0.063	1.42	39.3	43.5	0.69	995	9.39	0.48	14.8	58.9	510
GW21-317		5.39	18.10	0.19	2.4	0.064	1.38	42.1	49.7	0.79	941	7.97	0.48	16.0	68.8	480
GW21-318		5.07	23.1	0.18	2.3	0.088	2.03	34.8	56.6	1.20	605	3.48	0.34	17.3	45.3	300
GW21-319		5.01	25.1	0.20	2.3	0.112	2.08	52.9	56.7	1.09	735	11.30	0.43	15.9	44.3	450
GW21-320		1.76	33.2	0.25	9.2	0.131	5.85	66.6	19.8	0.79	130	3.84	0.14	19.4	94.4	310

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
GW21-281		110.0	87.9	<0.002	0.02	35.3	15.5	7	3.4	125.0	1.07	0.13	16.95	0.470	2.92	364
GW21-282		188.5	86.4	0.003	0.04	42.5	14.9	8	4.0	100.5	1.10	0.14	16.50	0.445	2.58	423
GW21-283		219	58.6	0.002	0.07	39.6	14.2	5	2.9	100.5	0.89	0.17	14.70	0.376	2.73	568
GW21-284		29.3	105.5	<0.002	0.02	2.38	12.9	1	3.6	61.2	1.26	0.06	18.30	0.519	1.15	6.0
GW21-285		28.0	89.0	<0.002	0.03	2.24	11.3	<1	3.2	49.6	1.10	<0.05	15.50	0.480	1.14	4.9
GW21-286		26.7	102.0	<0.002	0.02	2.00	10.7	1	3.0	58.4	1.14	0.06	15.00	0.487	1.11	4.5
GW21-287		26.4	108.0	<0.002	0.02	2.00	11.0	2	3.2	57.7	1.19	0.06	14.80	0.494	1.23	4.5
GW21-288		28.5	106.5	<0.002	0.03	2.20	12.3	2	3.6	54.7	1.19	0.08	16.25	0.486	1.23	4.9
GW21-289		28.3	94.6	<0.002	0.03	1.76	10.4	<1	3.2	60.6	1.26	<0.05	13.80	0.502	0.75	3.5
GW21-290		2.0	2.0	0.004	0.21	0.68	23.6	3	0.7	53.8	0.10	0.07	0.33	5.76	<0.02	0.4
GW21-291		32.4	93.6	<0.002	0.03	1.51	11.2	2	2.9	67.5	1.27	0.12	13.90	0.520	0.75	3.9
GW21-292		31.1	87.3	<0.002	0.03	1.42	10.6	1	2.8	62.8	1.20	0.06	13.55	0.498	0.76	4.3
GW21-293		38.8	90.8	<0.002	0.02	1.69	13.4	2	3.3	73.1	1.27	0.15	16.30	0.509	1.01	6.2
GW21-294		46.5	83.4	<0.002	0.03	1.68	12.8	2	3.2	64.7	1.15	0.14	16.55	0.503	1.14	6.1
GW21-295		67.1	71.4	<0.002	0.03	1.81	13.1	3	3.1	51.5	1.05	0.15	18.10	0.459	1.30	6.8
GW21-296		43.3	71.3	<0.002	0.03	1.83	14.0	2	3.1	53.1	1.16	0.19	18.10	0.478	1.34	6.8
GW21-297		53.4	70.6	<0.002	0.03	1.94	13.6	2	2.8	46.4	1.09	0.14	17.45	0.466	1.53	7.6
GW21-298		26.1	139.5	<0.002	0.02	1.34	17.2	2	3.8	58.6	1.22	0.06	14.20	0.555	0.98	2.9
GW21-299		31.2	133.0	<0.002	0.04	1.47	15.2	2	3.6	63.5	1.15	0.14	13.85	0.515	1.07	3.2
GW21-300		1.4	1.5	<0.002	<0.01	<0.05	0.2	<1	<0.2	4.8	<0.05	<0.05	0.23	0.009	0.03	0.4
GW21-301		43.0	130.5	<0.002	0.02	2.33	18.8	4	4.1	60.9	1.17	0.10	15.75	0.527	1.36	7.1
GW21-302		26.1	130.5	<0.002	0.03	1.53	18.0	1	3.8	58.1	1.19	0.06	15.30	0.530	1.32	3.5
GW21-303		22.9	120.5	<0.002	0.02	1.51	20.4	2	4.1	46.7	1.16	0.07	16.40	0.559	1.65	3.3
GW21-304		18.7	141.5	<0.002	0.03	1.55	21.7	2	4.2	46.0	1.22	0.11	18.75	0.580	1.89	3.6
GW21-305		26.0	130.0	<0.002	0.03	2.90	18.5	2	4.1	60.8	1.21	0.07	20.3	0.563	1.75	5.0
GW21-306		35.3	157.5	<0.002	0.02	5.51	17.6	2	4.4	35.9	1.14	0.15	24.5	0.459	2.00	7.6
GW21-307		26.2	122.0	<0.002	0.02	3.09	13.9	2	3.7	48.0	1.13	0.09	21.2	0.477	1.20	5.3
GW21-308		39.6	113.5	<0.002	0.02	2.44	12.7	2	3.2	59.4	1.23	0.13	19.90	0.501	1.07	5.0
GW21-309		36.2	114.5	<0.002	0.02	2.17	12.5	3	3.1	62.8	1.20	0.14	20.0	0.508	1.07	4.7
GW21-310		2.7	10.9	0.002	0.01	0.06	23.8	1	0.7	177.0	0.25	<0.05	0.79	2.22	0.06	0.2
GW21-311		35.3	110.0	<0.002	0.02	2.03	13.2	3	3.2	71.6	1.23	0.14	18.95	0.504	1.10	4.7
GW21-312		32.7	105.0	<0.002	0.03	1.82	12.4	2	3.1	69.4	1.16	0.07	16.85	0.489	1.15	4.4
GW21-313		35.2	95.8	<0.002	0.03	1.52	11.8	1	2.9	66.7	1.23	0.06	15.40	0.513	0.76	4.1
GW21-314		32.1	92.6	<0.002	0.04	1.38	11.0	2	2.8	66.0	1.14	0.11	12.65	0.487	0.76	4.6
GW21-315		34.2	92.4	<0.002	0.03	1.65	11.2	1	2.8	71.8	1.14	0.06	13.95	0.461	0.86	4.8
GW21-316		40.2	95.9	<0.002	0.03	2.10	11.9	3	2.9	65.5	1.01	0.12	14.80	0.439	1.03	5.6
GW21-317		48.6	87.5	<0.002	0.04	1.84	12.0	2	3.0	65.4	1.14	0.10	16.20	0.469	1.21	5.5
GW21-318		26.8	142.0	<0.002	0.02	1.33	22.5	2	4.0	41.4	1.24	0.08	14.90	0.592	1.06	4.2
GW21-319		31.5	134.0	<0.002	0.03	1.72	22.3	3	4.1	42.3	1.14	0.09	16.75	0.530	1.39	13.4
GW21-320		24.1	263	0.010	1.12	0.59	11.4	2	23.1	68.0	1.76	0.20	34.1	0.204	1.37	253

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-ICP89
	Analyte	V	W	Y	Zn	Zr	V
	Units	ppm	ppm	ppm	ppm	ppm	%
	LOD	1	0.1	0.1	2	0.5	0.01
GW21-281		2750	7.9	141.0	392	94.2	
GW21-282		4360	9.4	129.5	157	92.2	
GW21-283		3630	10.9	116.0	101	93.4	
GW21-284		118	2.5	14.4	69	92.7	
GW21-285		104	2.1	12.4	64	86.6	
GW21-286		99	2.2	11.2	60	84.2	
GW21-287		101	2.3	12.6	60	89.5	
GW21-288		110	2.3	15.4	66	88.4	
GW21-289		97	2.5	13.8	63	94.3	
GW21-290		3810	0.6	5.5	274	21.6	
GW21-291		119	2.5	14.4	65	96.2	
GW21-292		112	2.4	13.4	59	95.4	
GW21-293		136	2.6	17.8	73	90.9	
GW21-294		154	2.4	16.2	68	92.0	
GW21-295		176	2.1	16.9	78	82.6	
GW21-296		127	2.1	18.9	80	92.1	
GW21-297		112	2.1	21.2	91	84.1	
GW21-298		116	2.6	20.3	80	87.8	
GW21-299		110	2.5	18.1	76	83.5	
GW21-300		3	85.9	2.3	3	55.2	
GW21-301		331	3.2	20.1	75	82.5	
GW21-302		130	2.6	16.8	67	77.2	
GW21-303		136	2.6	19.2	72	75.0	
GW21-304		145	2.7	21.1	73	74.9	
GW21-305		162	3.3	18.6	64	92.8	
GW21-306		227	3.6	13.3	54	84.3	
GW21-307		172	2.8	12.4	43	85.8	
GW21-308		116	2.6	15.3	53	89.4	
GW21-309		109	2.7	17.2	60	90.6	
GW21-310		1065	0.1	12.8	212	61.0	
GW21-311		104	2.5	19.2	60	95.1	
GW21-312		104	2.3	15.6	69	98.1	
GW21-313		111	2.5	16.7	74	97.2	
GW21-314		112	2.4	16.4	73	89.9	
GW21-315		123	2.3	16.2	71	86.6	
GW21-316		122	2.1	17.2	75	83.3	
GW21-317		124	2.2	21.3	83	85.3	
GW21-318		163	2.5	21.0	102	80.7	
GW21-319		306	2.6	31.9	112	84.1	
GW21-320		41	4.6	76.3	9	301	

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.

Sample Description	Method	WEI-21	PUL-QC	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Pass75um	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
GW21-321		0.21		1.64	8.18	31.2	3390	3.07	0.75	0.12	0.20	75.3	16.2	99	8.36	52.9
GW21-322		0.21		0.49	7.85	35.6	3710	3.72	0.70	0.11	0.19	118.0	20.2	94	7.36	74.6
GW21-323		0.22		2.13	6.74	125.0	2820	4.97	1.04	0.15	0.58	154.0	26.7	94	8.61	241
GW21-324		0.20		0.52	7.31	20.9	1070	2.47	0.95	0.14	0.42	103.5	21.7	82	10.20	102.0
GW21-325		0.20		0.64	7.31	22.6	720	2.55	1.20	0.14	0.22	135.5	24.2	79	12.10	112.0
GW21-326		0.22		0.29	7.26	24.1	460	1.86	0.81	0.17	0.12	78.1	15.7	75	9.87	47.5
GW21-327		0.21		0.26	7.37	21.6	440	2.10	0.81	0.19	0.12	80.5	17.9	76	9.83	51.7
GW21-328		0.22		0.21	7.34	21.0	440	1.91	0.72	0.19	0.12	83.3	17.0	78	9.82	40.7
GW21-329		0.22		0.23	7.32	26.3	490	1.86	0.81	0.18	0.08	88.9	14.5	79	10.55	48.1
GW21-330		0.02		0.02	0.11	<0.2	30	<0.05	0.02	0.01	0.02	2.72	228	3	<0.05	1.1
GW21-331		0.22		1.18	7.09	44.6	8450	5.08	0.93	0.05	1.05	210	13.3	121	6.58	177.0
GW21-332		0.24		5.48	7.64	40.9	>10000	3.68	1.04	0.26	2.58	119.5	15.4	242	8.57	423
GW21-333		0.25		8.71	3.04	70.5	240	4.61	0.57	0.19	1.24	80.3	3.2	134	4.00	172.0
GW21-334		0.20		0.31	7.49	28.6	500	2.26	0.99	0.17	0.09	121.5	18.3	80	10.80	72.5
GW21-335		0.21		0.29	7.21	30.5	590	2.89	0.99	0.24	0.16	106.5	22.5	76	10.70	69.9
GW21-336		0.20		0.44	6.39	24.4	750	2.66	0.89	0.29	0.26	86.5	19.8	71	7.88	53.9
GW21-337		0.20		0.12	6.30	16.2	660	2.23	0.59	0.22	0.17	84.3	18.3	69	6.74	44.1
GW21-338		0.22		0.27	8.65	16.4	2040	2.79	0.56	0.12	0.12	82.7	23.2	91	9.38	40.8
GW21-339		0.23		0.17	8.10	17.8	1950	2.78	0.57	0.17	0.14	81.3	22.8	87	9.19	39.7
GW21-340		0.02		0.56	11.70	53.9	600	6.92	8.79	0.11	<0.02	195.0	63.3	33	6.21	224
GW21-341		0.20		0.45	7.04	16.4	2220	2.58	0.55	0.22	0.20	73.7	15.3	84	7.03	36.2
GW21-342		0.18		2.01	5.99	82.1	4280	4.61	0.93	0.35	1.26	101.0	14.6	172	7.29	145.5
GW21-343		0.22		2.79	6.67	111.5	3630	4.35	1.11	0.19	1.07	132.0	20.2	192	9.12	193.5
GW21-344		0.22		1.72	6.59	56.8	3060	3.69	0.68	0.20	0.76	98.4	33.0	139	8.19	146.0
GW21-345		0.22		0.74	6.16	32.9	1400	2.26	0.69	0.31	0.98	87.1	18.0	92	8.28	70.2
GW21-346		0.21		1.60	6.67	16.8	770	2.33	0.87	0.23	0.27	93.7	26.5	75	12.40	70.3
GW21-347		0.22		0.51	7.04	18.3	540	2.26	0.85	0.20	0.13	83.2	31.4	73	9.76	61.3
GW21-348		0.21		0.49	7.10	18.6	580	2.93	0.92	0.16	0.22	90.1	24.8	75	12.40	74.1
GW21-349		0.21		0.24	6.90	20.2	450	2.38	0.81	0.20	0.18	83.2	13.5	74	10.50	77.3
GW21-350		0.02		0.05	6.16	3.3	490	4.47	0.31	1.28	0.02	117.5	8.2	65	5.88	47.3
GW21-351		0.20	99.0	0.16	7.38	17.4	1930	2.62	0.61	0.21	0.31	76.5	21.6	85	7.53	37.9
GW21-352		0.20		0.22	6.32	15.0	1470	1.99	0.64	0.21	0.14	57.0	14.2	74	6.77	29.9
GW21-353		0.22		0.33	7.41	16.2	1950	2.52	0.53	0.22	0.13	74.6	19.7	87	7.54	35.8
GW21-354		0.21		0.34	6.74	14.8	1690	2.38	0.56	0.29	0.38	59.1	16.6	79	7.01	30.3
GW21-355		0.19		0.83	6.26	20.8	1450	2.30	0.69	0.31	0.36	70.6	16.3	75	7.68	36.2
GW21-356		0.21		0.74	6.75	24.2	1540	2.40	0.53	0.23	0.26	84.9	15.8	85	7.22	40.3
GW21-357		0.23		0.70	7.04	21.2	1730	2.58	0.50	0.29	0.28	78.1	16.7	88	7.57	41.7
GW21-358		0.18		1.92	6.93	20.1	1610	2.35	0.50	0.31	1.71	87.3	17.3	82	8.58	47.3
GW21-359		0.15		1.22	5.38	42.8	1440	2.09	0.92	0.46	2.31	65.9	18.5	71	6.97	52.3
GW21-360		0.02		0.03	0.11	<0.2	30	<0.05	0.01	0.01	<0.02	2.94	241	4	<0.05	1.7

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
GW21-321		4.47	22.3	0.17	2.1	0.102	2.27	47.4	38.9	0.69	642	26.4	0.28	15.9	40.8	780
GW21-322		3.97	23.0	0.23	2.2	0.116	2.37	54.2	41.6	0.80	416	37.9	0.22	15.6	51.6	670
GW21-323		5.57	19.80	0.30	1.9	0.110	1.73	80.9	51.1	1.38	354	107.5	0.47	12.9	120.0	2090
GW21-324		5.97	19.50	0.11	2.1	0.083	1.54	50.2	44.5	0.61	471	22.7	0.31	13.4	80.9	820
GW21-325		6.13	20.2	0.12	1.9	0.079	1.38	61.3	49.4	0.60	748	21.4	0.30	12.9	61.2	900
GW21-326		4.88	18.90	0.09	2.1	0.070	1.16	33.8	47.0	0.54	314	13.95	0.33	13.8	52.4	450
GW21-327		4.45	18.95	0.10	2.1	0.066	1.18	38.8	47.4	0.58	442	9.90	0.39	14.8	49.6	480
GW21-328		4.19	19.35	0.08	2.3	0.066	1.22	35.9	47.9	0.62	337	9.20	0.36	15.8	41.3	370
GW21-329		4.08	20.2	0.07	2.4	0.069	1.38	38.5	48.3	0.62	275	11.55	0.34	16.2	39.4	370
GW21-330		0.02	0.21	<0.05	1.5	<0.005	0.10	1.4	1.8	<0.01	<5	0.06	0.01	<0.1	1.6	10
GW21-331		5.92	23.0	0.24	1.8	0.170	1.08	117.5	59.9	2.58	190	215	0.07	12.7	125.0	4330
GW21-332		4.64	21.3	0.19	1.7	0.209	1.90	75.3	42.7	1.18	453	159.0	0.29	12.4	179.0	2390
GW21-333		13.25	12.85	0.25	0.8	0.182	1.12	51.3	18.6	1.32	126	907	0.06	7.2	135.5	3510
GW21-334		4.64	19.40	0.09	2.4	0.071	1.48	40.6	44.3	0.60	401	14.75	0.33	14.6	40.2	530
GW21-335		4.57	19.55	0.08	2.2	0.071	1.61	47.2	45.1	0.62	1170	12.45	0.39	15.4	43.6	890
GW21-336		4.51	17.05	0.10	2.1	0.070	1.58	42.4	37.2	0.57	991	10.05	0.39	14.0	49.6	1200
GW21-337		4.12	16.70	0.08	2.5	0.060	1.53	40.5	39.1	0.60	1080	4.63	0.33	15.0	45.3	700
GW21-338		4.91	23.0	0.07	2.2	0.087	2.14	38.5	50.4	1.06	829	8.75	0.25	16.5	45.7	450
GW21-339		4.55	21.2	0.11	2.3	0.083	2.07	37.5	48.0	0.99	693	9.53	0.25	15.2	46.2	420
GW21-340		1.89	32.7	0.20	7.9	0.133	6.22	90.7	28.6	0.88	129	4.20	0.10	19.9	79.1	790
GW21-341		3.66	19.35	0.08	2.3	0.074	2.01	39.7	41.8	0.72	555	15.75	0.35	14.8	35.3	550
GW21-342		3.79	19.05	0.13	1.8	0.097	1.88	59.7	32.9	0.71	983	182.5	0.34	11.6	75.1	1610
GW21-343		5.38	21.5	0.18	2.0	0.129	1.78	73.7	39.9	0.90	825	202	0.35	13.7	115.0	1850
GW21-344		4.58	19.80	0.11	2.2	0.088	1.62	53.9	37.9	0.68	666	125.5	0.36	14.0	82.4	1570
GW21-345		4.08	16.60	0.09	2.1	0.072	1.67	43.6	39.2	0.86	978	43.1	0.48	14.2	62.3	1190
GW21-346		4.26	18.40	0.08	2.2	0.069	1.55	43.6	48.3	0.63	649	18.45	0.40	14.6	51.6	1010
GW21-347		4.50	17.90	0.10	2.1	0.064	1.46	38.9	45.0	0.62	751	11.15	0.39	14.1	48.9	1020
GW21-348		5.26	19.95	0.09	2.1	0.073	1.62	41.9	45.5	0.55	465	13.95	0.31	13.6	61.7	1230
GW21-349		4.78	18.75	0.09	2.1	0.062	1.33	39.0	46.2	0.61	584	11.10	0.36	14.0	39.1	1170
GW21-350		2.17	17.35	0.09	5.8	0.026	4.03	60.0	26.3	0.80	2400	41.7	1.77	23.2	38.7	260
GW21-351		4.08	20.3	0.09	2.2	0.080	2.08	35.7	42.6	0.86	792	10.55	0.31	15.1	39.7	640
GW21-352		3.62	17.05	0.06	1.9	0.072	1.72	29.6	34.1	0.71	488	7.18	0.28	13.0	31.5	780
GW21-353		4.21	19.35	0.08	2.2	0.071	2.02	38.4	41.0	0.82	923	11.75	0.34	15.4	37.0	620
GW21-354		3.88	17.70	0.08	2.0	0.069	1.80	32.7	38.3	0.75	822	10.80	0.32	13.6	32.6	840
GW21-355		3.39	17.45	0.09	2.1	0.071	1.60	40.2	38.7	0.66	781	18.30	0.43	13.5	33.1	1130
GW21-356		3.62	18.55	0.09	2.4	0.074	1.74	44.7	41.3	0.74	840	24.9	0.42	15.1	39.5	620
GW21-357		3.80	19.55	0.09	2.2	0.073	1.90	41.3	43.7	0.86	900	24.8	0.42	14.8	42.5	620
GW21-358		3.58	18.05	0.24	2.3	0.073	1.80	49.9	41.1	0.79	907	24.6	0.45	14.6	54.3	920
GW21-359		3.53	14.20	0.11	1.7	0.072	1.48	32.8	33.1	0.58	1250	38.1	0.39	11.2	60.1	1580
GW21-360		0.03	0.23	<0.05	1.5	<0.005	0.10	1.5	2.3	<0.01	<5	0.07	0.01	<0.1	1.7	10

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
GW21-321		43.2	129.0	<0.002	0.04	2.86	19.8	4	4.0	62.6	1.12	0.09	16.60	0.504	1.60	31.6
GW21-322		51.4	133.0	<0.002	0.03	4.51	20.7	6	3.9	77.6	1.08	0.10	16.45	0.492	1.86	62.3
GW21-323		120.5	106.0	<0.002	0.02	15.75	15.8	10	2.5	102.0	0.78	0.23	15.50	0.353	1.68	432
GW21-324		36.0	98.8	<0.002	0.04	5.12	13.8	5	3.3	62.0	1.01	0.08	20.8	0.428	1.32	17.8
GW21-325		35.6	98.9	<0.002	0.05	4.64	13.4	5	3.3	53.5	0.99	0.12	23.5	0.419	1.34	11.1
GW21-326		30.6	79.4	<0.002	0.04	2.63	11.6	2	3.1	53.4	1.07	0.09	19.30	0.440	0.92	6.1
GW21-327		31.2	79.4	<0.002	0.04	2.46	11.6	2	3.1	57.6	1.08	0.08	17.40	0.452	0.86	5.9
GW21-328		29.7	87.4	<0.002	0.03	2.47	12.4	2	3.3	60.3	1.13	0.09	17.80	0.481	0.86	4.8
GW21-329		37.2	97.7	<0.002	0.03	3.10	13.0	2	3.5	61.8	1.20	0.10	20.1	0.467	0.97	5.6
GW21-330		1.3	1.7	<0.002	<0.01	<0.05	0.2	<1	<0.2	4.8	<0.05	<0.05	0.26	0.008	0.02	0.4
GW21-331		149.5	68.8	<0.002	0.04	90.8	13.9	7	2.4	126.5	0.80	0.22	14.95	0.311	1.88	602
GW21-332		115.5	118.0	<0.002	0.06	53.3	15.3	11	3.3	106.5	0.93	0.13	16.40	0.367	2.78	287
GW21-333		129.5	63.8	0.075	0.47	99.1	7.1	73	1.8	107.5	0.39	0.18	6.89	0.153	2.09	68.9
GW21-334		35.3	110.5	0.018	0.03	3.49	13.0	3	3.5	54.9	1.14	0.09	27.5	0.466	1.15	8.4
GW21-335		36.5	123.5	<0.002	0.05	3.03	13.2	2	3.5	64.5	1.26	0.11	21.7	0.465	1.18	6.8
GW21-336		34.8	117.5	<0.002	0.06	2.94	12.2	1	3.3	68.4	1.04	0.09	17.50	0.428	1.06	4.9
GW21-337		32.8	107.0	<0.002	0.04	1.75	11.4	1	3.0	66.4	1.13	0.05	14.40	0.461	0.93	4.3
GW21-338		31.9	149.5	<0.002	0.03	1.72	20.8	2	4.2	51.7	1.25	0.06	14.70	0.574	1.26	11.3
GW21-339		31.7	140.5	0.014	0.02	1.88	18.2	2	3.9	55.3	1.17	0.05	14.60	0.510	1.23	11.0
GW21-340		114.5	256	0.014	0.66	1.80	14.3	1	15.3	155.0	1.86	0.36	34.9	0.222	1.38	1220
GW21-341		33.9	124.0	0.006	0.03	2.20	15.8	2	3.5	71.8	1.10	0.05	13.25	0.476	1.29	15.5
GW21-342		96.4	138.5	0.005	0.08	9.20	13.0	13	3.1	95.4	0.83	0.20	13.00	0.334	1.50	123.5
GW21-343		143.0	124.0	0.003	0.06	12.90	13.8	16	3.3	120.0	0.98	0.17	16.00	0.393	1.58	153.0
GW21-344		74.1	103.0	0.013	0.04	7.73	12.9	8	3.1	129.0	1.03	0.09	14.60	0.430	1.72	100.5
GW21-345		39.2	116.0	0.002	0.04	4.12	11.6	6	3.0	89.3	1.02	0.09	14.75	0.449	1.30	29.8
GW21-346		32.5	115.5	<0.002	0.04	3.46	12.5	4	3.2	68.8	1.09	0.08	19.25	0.433	1.36	11.0
GW21-347		33.2	103.0	<0.002	0.05	2.55	12.4	3	3.1	62.7	1.05	0.07	18.00	0.426	1.02	6.8
GW21-348		35.3	120.0	<0.002	0.07	3.07	13.6	3	3.5	55.1	1.02	0.09	20.0	0.393	1.21	8.2
GW21-349		33.4	105.0	<0.002	0.06	2.64	11.9	2	3.2	64.2	1.05	0.06	18.95	0.421	0.89	7.3
GW21-350		110.5	331	0.003	1.22	0.17	6.6	1	1.5	115.5	1.87	0.29	62.4	0.175	1.54	35.3
GW21-351		38.6	134.0	<0.002	0.05	2.06	16.6	3	3.8	69.2	1.12	0.06	12.95	0.494	1.14	11.6
GW21-352		34.0	114.5	<0.002	0.08	1.68	14.0	3	3.5	56.6	0.96	0.06	10.95	0.443	0.94	6.9
GW21-353		32.3	129.0	<0.002	0.03	1.94	16.4	2	3.6	64.6	1.15	<0.05	13.40	0.520	1.08	10.7
GW21-354		33.1	120.5	<0.002	0.06	1.72	14.0	3	3.3	65.5	1.08	<0.05	11.70	0.477	0.99	10.2
GW21-355		42.6	127.0	<0.002	0.07	2.04	12.6	2	3.4	78.7	1.02	0.06	11.90	0.420	1.00	22.0
GW21-356		38.6	117.5	<0.002	0.03	2.65	13.0	3	3.3	77.3	1.15	<0.05	13.45	0.466	0.98	26.7
GW21-357		37.1	130.0	<0.002	0.03	2.53	15.0	2	3.5	78.3	1.08	0.06	13.00	0.452	0.99	18.4
GW21-358		38.3	127.0	<0.002	0.06	2.55	14.4	3	3.2	83.8	1.05	0.05	13.55	0.445	1.06	25.3
GW21-359		46.8	107.5	<0.002	0.13	3.28	10.6	3	3.3	72.4	0.86	0.09	12.15	0.347	1.16	21.5
GW21-360		1.5	1.7	<0.002	<0.01	<0.05	0.2	<1	<0.2	5.0	<0.05	<0.05	0.27	0.009	0.02	0.4

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.

Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	ME-ICP89 V % 0.01
GW21-321		582	3.3	27.2	94	75.1	
GW21-322		587	3.8	36.5	94	79.4	
GW21-323		811	7.3	115.0	265	69.8	
GW21-324		283	3.0	23.7	173	75.3	
GW21-325		150	2.5	20.9	96	72.9	
GW21-326		131	2.6	12.9	77	74.3	
GW21-327		123	2.3	14.6	74	76.2	
GW21-328		120	2.4	13.2	74	83.1	
GW21-329		128	2.6	13.3	67	91.1	
GW21-330		2	68.7	2.2	3	54.2	
GW21-331		1605	15.1	149.0	210	74.7	
GW21-332		2470	4.9	103.0	544	67.8	
GW21-333		3640	8.8	60.1	813	34.1	
GW21-334		140	2.5	14.9	72	84.1	
GW21-335		136	2.6	18.8	83	79.6	
GW21-336		121	2.5	19.2	81	78.2	
GW21-337		122	3.5	17.6	87	89.3	
GW21-338		189	2.7	19.8	112	81.0	
GW21-339		186	2.4	18.4	111	82.6	
GW21-340		51	7.7	82.9	18	248	
GW21-341		249	2.7	19.0	88	84.4	
GW21-342		2860	4.6	53.1	230	74.3	
GW21-343		2790	6.0	59.9	392	81.6	
GW21-344		1780	4.4	42.1	242	83.3	
GW21-345		555	2.9	17.6	201	79.2	
GW21-346		132	2.5	17.4	100	81.5	
GW21-347		121	2.4	15.4	84	78.3	
GW21-348		131	2.9	17.2	78	78.2	
GW21-349		111	2.4	15.4	86	78.0	
GW21-350		45	5.9	22.2	28	183.5	
GW21-351		180	2.6	16.4	117	82.2	
GW21-352		142	2.1	12.0	91	68.0	
GW21-353		213	2.5	16.4	102	81.1	
GW21-354		182	2.3	14.8	114	73.0	
GW21-355		264	2.6	20.3	105	74.0	
GW21-356		414	2.8	22.9	109	84.3	
GW21-357		397	2.6	21.1	123	82.5	
GW21-358		321	2.8	30.8	161	86.1	
GW21-359		376	2.7	15.6	297	64.0	
GW21-360		3	92.1	2.3	3	58.0	

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.

Sample Description	Method	WEI-21	PUL-QC	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Recvd Wt.	Pass75um	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Ce	Co	Cr	Cs	Cu
	Units	kg	%	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm
	LOD	0.02	0.01	0.01	0.01	0.2	10	0.05	0.01	0.01	0.02	0.01	0.1	1	0.05	0.2
GW21-361		0.23		0.05	10.65	2.9	900	3.85	0.39	0.40	0.10	90.2	35.5	104	10.85	29.3
GW21-362		0.20		0.07	9.76	4.6	1080	3.06	0.62	0.12	0.09	94.5	31.1	103	9.94	42.4
GW21-363		0.23		0.30	10.10	11.8	2240	3.62	0.65	0.17	0.20	94.1	26.8	115	12.15	45.5
GW21-364		0.21		0.90	9.75	16.7	3300	3.76	0.71	0.46	0.54	83.6	16.8	150	9.72	63.7
GW21-365		0.23		1.10	9.02	10.4	3680	5.26	1.21	0.04	4.30	121.0	42.5	178	12.65	117.0
GW21-366		0.25		0.16	10.60	11.3	4310	3.65	0.72	0.05	0.24	102.5	29.4	103	19.15	32.6
GW21-367		0.23		6.52	4.68	1510	3460	7.06	1.71	0.46	3.71	113.0	14.4	135	6.84	169.5
GW21-368		0.24		0.82	6.69	24.5	>10000	14.30	1.25	0.02	0.46	87.7	9.5	407	10.05	230
GW21-369		0.23		0.95	7.77	19.1	5730	3.71	0.55	0.26	1.59	113.0	27.7	111	8.83	189.0
GW21-370		0.02		0.06	2.40	7.5	10	0.06	0.04	0.05	0.03	2.72	180.5	4210	<0.05	194.0
GW21-371		0.22		1.10	7.50	32.1	>10000	6.77	0.89	0.11	0.88	130.0	11.4	228	6.27	284
GW21-372		0.24		0.06	8.18	4.7	1360	3.16	0.53	0.29	0.09	79.4	16.7	75	11.95	40.3
GW21-373		0.24		0.17	7.27	8.4	1040	2.83	0.52	0.41	0.17	74.8	18.0	70	8.45	44.8
GW21-374		0.24		0.21	6.96	6.9	1010	2.97	0.65	0.95	0.28	123.5	20.2	72	7.01	103.0
GW21-375		0.22		0.24	7.46	28.0	550	2.34	1.25	0.20	0.15	103.5	26.9	80	11.90	82.6
GW21-376		0.23		0.06	7.78	3.7	1280	3.26	0.43	0.17	0.12	55.7	14.8	75	12.95	37.6
GW21-377		0.22		0.36	6.82	14.5	660	3.19	1.47	0.17	0.25	106.0	40.4	73	15.00	107.0
GW21-378		0.23		0.09	7.41	3.9	910	3.09	0.37	0.22	0.09	45.4	14.7	71	11.50	34.0
GW21-379		0.22		0.38	7.44	19.2	660	3.42	1.20	0.16	0.30	139.5	54.9	80	12.05	126.5
GW21-380		0.02		0.12	5.62	18.2	20	0.17	0.04	1.67	0.11	4.41	167.0	3190	0.10	333
GW21-381		0.24		0.08	6.60	20.3	530	2.34	0.72	0.15	0.10	73.8	30.8	75	5.67	63.1
GW21-382		0.24		0.37	7.47	17.9	590	3.18	0.91	0.15	0.15	114.0	37.4	83	10.35	99.3
GW21-383		0.22		0.33	6.85	13.5	610	2.52	0.75	0.17	0.13	97.9	33.2	75	8.43	68.2
GW21-384		0.23		0.27	7.25	11.0	550	3.22	1.22	0.15	0.12	105.5	41.6	81	10.40	107.5
GW21-385		0.21		0.21	8.36	8.9	950	2.66	0.63	0.22	0.10	73.3	31.7	85	11.95	48.6
GW21-386		0.21		0.34	8.05	12.0	720	3.24	0.95	0.16	0.07	90.9	31.1	86	11.90	88.5
GW21-387		0.19		0.27	7.29	7.4	820	2.20	0.71	0.19	0.10	65.2	20.7	72	7.82	46.2
GW21-388		0.20		0.32	6.62	23.9	720	2.61	0.71	0.13	0.16	82.6	29.4	76	5.90	56.9
GW21-389		0.23		0.14	7.69	15.0	490	2.96	0.88	0.11	0.09	112.0	46.9	77	7.81	90.6
GW21-390		0.02		0.41	11.40	48.5	640	5.84	12.25	0.03	<0.02	156.0	49.4	21	7.54	88.2
GW21-391		0.22		0.26	7.79	12.5	570	3.91	1.46	0.11	0.10	178.5	53.3	78	9.90	158.5
GW21-392		0.21		0.07	9.67	8.8	1330	2.96	0.64	0.09	0.09	91.7	26.6	97	13.25	31.6
GW21-393		0.22		0.09	6.17	13.7	570	2.12	0.52	0.18	0.14	86.3	21.4	80	6.69	30.1
GW21-394		0.20		1.67	7.93	29.2	3140	3.00	0.72	0.12	0.20	74.5	15.8	94	8.04	52.3
GW21-395		0.22		2.04	7.02	126.5	2800	4.93	1.07	0.15	0.65	159.0	27.5	96	8.97	249
GW21-396		0.20		2.16	6.08	83.6	4300	4.44	0.98	0.34	1.34	96.4	14.6	168	7.64	142.0
GW21-397		0.21		1.92	6.65	58.1	3070	3.55	0.68	0.19	0.86	105.0	34.6	137	8.80	142.0
GW21-398		0.21		0.16	7.21	16.4	1820	2.26	0.60	0.19	0.29	73.1	22.4	79	7.65	36.6
GW21-399		0.22		1.05	8.10	9.6	3340	4.56	1.10	0.03	4.26	111.5	38.7	160	11.75	104.5
GW21-400		0.02		0.60	11.25	55.5	570	6.50	8.96	0.10	<0.02	199.0	66.4	29	6.49	217

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Fe	Ga	Ge	Hf	In	K	La	Li	Mg	Mn	Mo	Na	Nb	Ni	P
	Units	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	ppm	ppm
	LOD	0.01	0.05	0.05	0.1	0.005	0.01	0.5	0.2	0.01	5	0.05	0.01	0.1	0.2	10
GW21-361		6.52	26.8	0.20	1.7	0.099	2.17	34.1	71.4	2.21	426	0.36	0.41	18.0	54.4	280
GW21-362		6.07	24.8	0.19	1.7	0.110	2.20	41.4	66.2	1.92	403	0.73	0.18	17.7	53.2	360
GW21-363		5.90	26.0	0.18	1.8	0.115	2.38	41.7	71.4	1.67	416	3.27	0.21	16.8	53.8	350
GW21-364		4.80	24.1	0.23	2.3	0.090	2.81	25.1	44.4	1.00	303	16.45	0.56	9.3	42.5	470
GW21-365		5.38	23.8	0.21	2.2	0.113	2.73	62.7	40.2	0.66	183	97.8	0.19	7.7	130.0	470
GW21-366		6.49	25.5	0.28	2.3	0.121	2.62	50.0	87.1	2.03	517	0.66	0.11	19.4	52.7	290
GW21-367		7.51	17.75	0.41	1.5	0.230	1.44	71.2	36.3	1.88	297	1035	0.05	11.2	402	4410
GW21-368		2.94	37.0	0.32	2.2	0.196	2.17	39.9	30.6	0.55	86	825	0.08	16.4	88.9	830
GW21-369		5.09	22.2	0.23	2.4	0.107	1.66	55.1	52.7	2.25	945	89.2	0.19	14.3	184.0	1350
GW21-370		45.9	38.6	0.47	0.5	0.089	0.01	1.0	4.6	0.68	1045	0.46	0.01	1.3	682	40
GW21-371		4.18	26.2	0.23	2.3	0.258	1.43	83.1	42.2	0.83	199	238	0.18	17.7	79.8	2610
GW21-372		4.55	21.6	0.10	1.4	0.070	2.48	35.4	62.4	3.09	768	1.54	0.18	14.2	41.6	310
GW21-373		4.11	17.60	0.13	1.9	0.064	1.98	38.9	53.5	2.18	1155	2.55	0.29	12.9	40.4	840
GW21-374		5.16	18.95	0.18	1.2	0.068	2.63	54.4	47.5	2.21	985	0.74	0.07	15.0	44.6	1010
GW21-375		4.60	18.15	0.14	2.0	0.076	1.65	43.5	54.0	1.02	509	16.35	0.38	14.6	68.4	700
GW21-376		4.10	19.70	0.14	1.4	0.060	2.40	37.2	67.6	4.21	608	0.49	0.14	11.2	34.1	240
GW21-377		6.21	17.65	0.17	1.7	0.071	1.55	45.6	50.0	0.94	883	17.80	0.28	13.3	81.1	1360
GW21-378		3.84	19.50	0.11	1.6	0.069	1.58	37.7	68.4	3.99	666	0.53	0.18	13.9	35.2	200
GW21-379		5.75	18.35	0.18	2.1	0.071	1.76	53.8	45.8	1.04	829	12.80	0.27	14.9	120.0	760
GW21-380		32.8	31.3	0.59	0.6	0.081	0.06	2.0	10.6	1.53	1165	0.60	0.42	1.5	616	160
GW21-381		3.73	17.00	0.11	2.1	0.062	1.45	30.2	38.9	0.93	335	10.60	0.28	15.1	49.6	300
GW21-382		5.35	18.85	0.16	2.1	0.067	1.51	44.2	44.7	0.85	490	12.65	0.32	16.3	70.1	420
GW21-383		4.16	17.80	0.14	2.2	0.066	1.72	34.5	41.1	0.68	702	10.15	0.34	16.8	56.7	410
GW21-384		5.23	18.45	0.14	2.0	0.068	1.46	42.3	46.8	0.86	417	16.55	0.31	15.7	83.4	380
GW21-385		4.75	21.8	0.17	1.8	0.103	2.11	44.9	49.1	1.31	986	3.39	0.24	16.4	58.4	320
GW21-386		6.12	20.6	0.14	2.4	0.069	1.69	33.9	47.6	0.99	452	18.55	0.41	16.2	63.1	510
GW21-387		4.05	18.80	0.13	2.3	0.076	2.12	36.2	35.6	0.91	696	6.48	0.29	14.8	37.2	380
GW21-388		4.46	17.20	0.15	2.1	0.069	1.76	42.5	36.1	0.66	1110	6.93	0.28	15.3	59.3	470
GW21-389		4.28	19.40	0.12	2.5	0.065	1.31	41.3	48.8	0.89	249	11.60	0.22	16.3	118.5	370
GW21-390		1.75	31.8	0.21	8.8	0.121	6.18	72.5	21.7	0.80	134	3.89	0.09	19.6	88.6	330
GW21-391		6.71	19.20	0.19	2.0	0.069	1.51	57.5	48.5	0.82	259	21.0	0.28	15.0	80.0	420
GW21-392		5.99	25.6	0.17	1.8	0.111	2.04	46.5	63.0	1.27	730	0.69	0.18	17.5	50.1	320
GW21-393		3.53	16.15	0.14	2.6	0.064	1.42	41.3	42.1	0.59	1575	3.97	0.38	17.0	37.6	430
GW21-394		4.15	21.3	0.15	2.1	0.096	2.17	47.1	38.2	0.64	566	27.0	0.28	15.3	40.4	740
GW21-395		5.78	20.3	0.26	1.9	0.109	1.74	82.6	53.4	1.36	348	111.5	0.22	12.8	126.5	2120
GW21-396		3.75	19.30	0.18	1.9	0.098	1.90	58.8	32.4	0.70	979	183.0	0.36	11.6	75.8	1590
GW21-397		4.49	20.1	0.16	2.3	0.105	1.60	59.6	39.5	0.67	659	127.0	0.38	14.1	84.9	1540
GW21-398		3.80	19.00	0.14	2.3	0.076	1.98	34.9	44.1	0.80	736	10.50	0.31	15.5	38.3	630
GW21-399		4.94	23.2	0.27	2.0	0.102	2.44	60.2	35.5	0.58	160	88.3	0.18	6.9	117.5	430
GW21-400		1.85	33.1	0.27	7.8	0.142	5.98	99.1	28.6	0.81	119	4.23	0.09	18.9	83.1	790

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.

Sample Description	Method	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61	ME-MS61
	Analyte	Pb	Rb	Re	S	Sb	Sc	Se	Sn	Sr	Ta	Te	Th	Ti	Tl	U
	Units	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm
	LOD	0.5	0.1	0.002	0.01	0.05	0.1	1	0.2	0.2	0.05	0.05	0.01	0.005	0.02	0.1
GW21-361		19.5	168.0	<0.002	0.01	0.39	30.5	<1	4.7	33.0	1.29	<0.05	19.75	0.661	1.03	2.2
GW21-362		19.1	149.5	<0.002	0.02	0.49	27.9	<1	4.7	23.8	1.37	0.07	20.5	0.616	0.98	2.4
GW21-363		25.8	162.5	<0.002	0.02	0.99	26.3	1	5.0	32.9	1.20	<0.05	18.40	0.559	1.24	4.4
GW21-364		47.0	155.0	0.002	0.04	2.54	20.9	6	3.9	84.5	0.71	0.09	13.60	0.371	1.62	9.4
GW21-365		55.6	142.0	0.005	0.02	5.24	22.7	10	4.1	34.5	0.57	0.11	19.80	0.337	2.49	68.4
GW21-366		10.7	161.0	<0.002	0.01	1.01	28.7	<1	5.3	27.8	1.46	<0.05	22.4	0.628	1.91	3.0
GW21-367		151.5	87.0	0.133	0.14	47.8	10.0	96	1.9	58.0	0.60	0.36	14.60	0.256	1.40	621
GW21-368		168.0	160.0	0.002	0.05	18.50	21.3	70	5.9	67.1	1.03	0.33	16.50	0.389	2.83	306
GW21-369		74.3	111.0	0.003	0.05	39.0	15.0	6	2.8	71.0	0.99	0.14	15.60	0.444	1.99	60.7
GW21-370		1.0	0.4	0.003	0.06	0.67	28.3	3	0.8	5.6	0.10	0.05	0.07	8.82	<0.02	0.5
GW21-371		194.5	89.4	0.002	0.04	40.4	15.5	9	3.9	108.0	1.10	0.21	16.60	0.463	2.64	435
GW21-372		18.2	130.5	<0.002	0.03	0.61	13.5	<1	3.5	39.9	1.08	<0.05	16.35	0.452	0.80	2.8
GW21-373		26.6	117.5	<0.002	0.04	1.03	12.6	1	2.9	61.0	0.98	0.08	14.90	0.410	0.73	3.5
GW21-374		18.9	123.5	<0.002	0.01	1.33	15.6	<1	3.1	78.4	1.04	0.05	20.7	0.441	0.79	2.9
GW21-375		52.4	114.0	<0.002	0.05	1.96	12.6	2	3.1	57.9	1.06	0.08	17.40	0.444	1.42	6.7
GW21-376		17.8	129.5	<0.002	0.02	0.59	12.4	<1	3.3	32.0	0.87	<0.05	14.35	0.392	0.79	2.0
GW21-377		64.3	92.0	<0.002	0.06	2.84	12.5	2	3.0	49.2	0.97	0.15	18.85	0.397	1.32	8.4
GW21-378		14.1	102.0	<0.002	0.01	0.62	12.2	<1	3.2	33.3	1.03	0.06	11.50	0.404	0.69	2.1
GW21-379		34.5	123.0	<0.002	0.04	4.51	13.7	2	3.3	42.5	1.08	0.17	19.10	0.457	2.05	7.9
GW21-380		1.3	2.1	0.003	0.22	0.64	25.2	3	0.7	53.1	0.10	0.07	0.34	5.67	0.02	0.5
GW21-381		27.3	87.9	<0.002	0.02	1.58	11.5	2	3.0	44.7	1.10	0.09	14.70	0.471	1.07	5.0
GW21-382		33.3	108.5	<0.002	0.02	2.92	13.6	2	3.3	47.6	1.12	0.10	18.80	0.479	1.84	7.0
GW21-383		30.6	117.0	<0.002	0.02	1.63	13.2	1	3.2	52.7	1.22	0.08	16.00	0.485	1.39	5.2
GW21-384		39.4	102.0	<0.002	0.02	1.53	13.0	1	3.1	48.4	1.13	0.13	17.70	0.462	1.62	7.0
GW21-385		22.7	160.5	<0.002	0.02	1.25	22.1	1	4.1	38.6	1.25	0.09	15.40	0.565	1.34	3.1
GW21-386		27.2	119.0	<0.002	0.03	2.01	15.6	2	3.5	41.9	1.19	0.15	21.6	0.481	1.70	7.3
GW21-387		23.8	128.0	<0.002	0.02	1.26	16.0	1	3.7	42.6	1.13	0.07	14.40	0.473	1.30	4.0
GW21-388		31.6	102.5	<0.002	0.02	3.81	13.4	2	3.4	45.0	1.13	0.10	16.00	0.454	1.05	5.3
GW21-389		33.3	86.3	<0.002	0.02	2.69	15.0	2	3.3	38.5	1.21	0.08	20.6	0.501	1.63	6.9
GW21-390		28.1	275	0.010	1.05	0.62	11.4	1	23.7	70.3	1.99	0.22	35.6	0.210	1.44	236
GW21-391		35.1	96.3	<0.002	0.03	1.71	15.4	3	3.1	43.7	1.08	0.13	22.3	0.462	2.12	8.7
GW21-392		23.9	153.0	<0.002	0.02	0.93	24.2	1	4.6	33.7	1.34	0.06	19.05	0.591	1.16	2.6
GW21-393		34.7	95.7	<0.002	0.03	1.50	11.6	<1	2.9	65.6	1.24	0.07	15.60	0.478	0.77	4.0
GW21-394		40.9	130.5	<0.002	0.04	2.77	19.4	4	4.2	60.9	1.12	0.08	16.30	0.473	1.56	29.4
GW21-395		127.5	113.0	<0.002	0.02	15.85	16.2	9	2.8	105.5	0.85	0.16	17.05	0.358	1.74	439
GW21-396		97.0	140.0	0.004	0.08	9.32	12.5	14	3.3	92.7	0.88	0.12	13.85	0.333	1.50	140.5
GW21-397		75.1	105.0	0.002	0.04	8.34	12.7	8	3.3	128.0	1.13	0.13	15.85	0.415	1.69	110.5
GW21-398		39.5	128.5	<0.002	0.04	2.01	16.6	3	3.8	69.1	1.16	0.06	13.10	0.473	1.10	11.8
GW21-399		51.1	139.5	0.006	0.02	5.00	20.1	10	3.8	33.0	0.53	0.14	18.10	0.293	2.31	67.8
GW21-400		109.5	254	0.007	0.71	1.80	13.6	1	15.8	154.5	1.84	0.30	36.5	0.206	1.31	1175

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.

Sample Description	Method Analyte Units LOD	ME-MS61 V ppm 1	ME-MS61 W ppm 0.1	ME-MS61 Y ppm 0.1	ME-MS61 Zn ppm 2	ME-MS61 Zr ppm 0.5	ME-ICP89 V % 0.01
GW21-361		158	2.2	18.8	132	66.4	
GW21-362		142	2.4	19.0	126	62.2	
GW21-363		224	2.5	23.9	159	69.7	
GW21-364		483	2.2	16.4	204	85.8	
GW21-365		1025	2.3	63.2	544	78.7	
GW21-366		148	2.7	34.4	151	84.6	
GW21-367		2040	17.0	145.0	910	68.2	
GW21-368		>10000	11.4	94.1	111	109.0	1.29
GW21-369		1410	5.1	65.8	740	91.1	
GW21-370		6270	0.5	2.0	356	14.4	
GW21-371		4500	10.1	139.0	161	96.7	
GW21-372		106	2.0	20.5	103	49.8	
GW21-373		106	2.0	20.5	99	75.0	
GW21-374		109	1.4	52.1	97	45.6	
GW21-375		147	2.0	16.0	93	75.0	
GW21-376		81	1.6	26.6	84	50.0	
GW21-377		185	2.0	21.1	122	60.6	
GW21-378		84	1.6	17.7	86	57.4	
GW21-379		159	2.0	27.9	111	76.1	
GW21-380		4010	0.6	5.5	292	21.0	
GW21-381		170	2.1	12.3	72	76.0	
GW21-382		143	2.0	22.0	81	76.0	
GW21-383		126	2.4	15.2	72	81.8	
GW21-384		142	2.1	18.9	94	74.0	
GW21-385		123	2.5	26.4	67	62.7	
GW21-386		203	2.3	16.2	68	88.1	
GW21-387		122	2.6	19.2	54	83.6	
GW21-388		171	2.3	20.7	58	78.1	
GW21-389		128	2.1	20.1	66	94.7	
GW21-390		42	4.7	73.5	12	296	
GW21-391		159	2.0	25.1	70	73.5	
GW21-392		131	2.7	33.1	126	64.3	
GW21-393		99	2.6	16.0	70	94.6	
GW21-394		503	3.4	27.0	91	74.6	
GW21-395		775	8.0	115.5	269	75.1	
GW21-396		2930	5.5	53.0	226	69.0	
GW21-397		1735	5.3	42.2	234	80.2	
GW21-398		167	2.9	16.9	106	81.8	
GW21-399		882	2.1	58.1	484	67.7	
GW21-400		48	8.6	86.3	15	235	

Comments: Sample GW21-110 marked as destroyed due to melted plastic sample packet compromising the sample.