ASSESSMENT REPORT TITLE PAGE AND SUMMARY

TITLE OF REPORT: SOIL SAMPLING AND PROSPECTING ONTHE KIDS CLAIMS PROPERTY

TOTAL COST: $9903.00

AUTHOR(S): S. Ebert

SIGNATURE(S):

NOTICE OF WORK PERMIT NUMBER(S)/DATE(S):
STATEMENT OF WORK EVENT NUMBER(S)/DATE(S): Event number 746502

YEAR OF WORK: 2011

PROPERTY NAME: Kidôs Claims Property

CLAIM NAME(S) (on which work was done):

703623, 703643, 703645, 703663, 703683, 746502

COMMODITIES SOUGHT: Gold, silver, copper, zinc

MINERAL INVENTORY MINFILE NUMBER(S),IF KNOWN:

MINING DIVISION: Omineca
NTS / BCGS: 093F/02
LATITUDE: _____53_____° _____1_____ô_____0_____"
LONGITUDE: ____124_____° ____50_____ô____0_____" (at centre of work)
UTM Zone: NAD 83 Zone 10 EASTING: 368,300E NORTHING: 5,878,300N

OWNER(S): Richard Glazier

MAILING ADDRESS: 5880 Hartman Road, Prince George, BC, V2N 6L6

OPERATOR(S) [who paid for the work]: Richard Glazier

MAILING ADDRESS: 5880 Hartman Road, Prince George, BC, V2N 6L6

REPORT KEYWORDS (lithology, age, stratigraphy, structure, alteration, mineralization, size and attitude. **Do not use abbreviations or codes**)

Hazelton Group, Naglico Formation, Cretaceous, Jurassic, Gold silver veins

REFERENCES TO PREVIOUS ASSESSMENT WORK AND ASSESSMENT REPORT NUMBERS:

TYPE OF WORK IN THIS REPORT	EXTENT OF WORK (in metric units)	ON WHICH CLAIMS	PROJECT COSTS APPORTIONED (incl. support)
GEOLOGICAL (scale, area)			
Ground, mapping			
Photo interpretation			
GEOPHYSICAL (line-kilometres)			
Other			
Airborne			
GEOCHEMICAL (number of samples analysed for é)			
Soil	233	703643, 703645	$4000.00
Silt			
Rock	6		
Other			
DRILLING (total metres, number of holes, size, storage location)			
Core			
Non-core			
RELATED TECHNICAL			
Sampling / Assaying			
Petrographic			
Mineralographic			
Metallurgic			
PROSPECTING (scale/area)	6km by 2km	703623 703643 703645 703663 703683 746502	$5903.00
PREPATORY / PHYSICAL			
Line/grid (km)			
Topo/Photogrammetric (scale, area)			
Legal Surveys (scale, area)			
Road, local access (km)/trail			
Trench (number/metres)			
Underground development (metres)			
Other			
		TOTAL COST	$9903.00

ASSESSMENT REPORT

SOIL SAMPLING AND PROSPECTING ONTHE KIDS CLAIMS PROPERTY

Claims:

703623, 703643, 703645, 703663, 703683, and 746502

53°1’ N 124°50’W

NTS Sheet: 093F/02

Mining Zone: Omineca Mining Division

5880 Hartman Road
Prince George, B.C. V2N 6L6

OWNER:
Richard Glazier

By

Shane Ebert, P.Geo.

January 10th, 2012
Revised October 20, 2012

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1 Summary

The Auro Property is situated on the Nechako Plateau of central British Columbia, approximately 130 kilometres southwest of Vanderhoof and 160 kilometres west of Quesnel. The claims are located within the Omineca Mining Division, centered at 53° 1' north latitude and 124° 50' west longitude on NTS Sheet: 093F/02. The property consists of five mineral claim totaling 2332.5 ha.

The property is situated along the eastern margin of the Stikine Terrane, west of the structural contact with the Cache Creek Terrane and immediately south of the Skeena Arch. Strata of the Stikine Terrane in central and east-central British Columbia comprise superposed island and continental margin arc assemblages and epicontinental sedimentary sequences.

Richard Glacier, Dylan Glacier, and Kurtis Friend undertook an exploration program on the claims from July 15 to July 18, 2011, which consisted of prospecting, rock sampling, and the collection of 233 soil samples. The samples were analysed by hand held XRF and interpreted by the Author. Total expenditures for the 2011 Exploration Program that qualify as assessment work is $9903.00. A detailed breakdown of the expenditures is contained in Appendix 1.

Soil sampling results have identified 2 zones with anomalous base metal values that compare favorably to soil results above precious metal veins at the adjacent 3T`s property. These anomalies should be followed up and evaluated for precious metal vein mineralization.

2 Terms of References

This report has been written to fulfill the requirements for filing assessment work under the British Columbia Mineral Tenure Act. It describes the exploration undertaken on the Kids Claims Property during 2011. This report is not compliant with National Instrument 43-101 and Form 43-101F1, and should not be used as a ñTechnical Reportò under National Instrument 43-101.

The regional geology and property geology descriptions in this report are taken from the references listed, and are not observations made by the author. The Author made a brief helicopter visit to the property in June 2011 but was not present during the 2011 prospecting and soil sampling program.

3 Property Description and Location

The Kids Claims Property is located within the Omineca Mining District approximately 130 km southwest of Vanderhoof, British Columbia (NTS Sheet 93F/02). The claims are located 2 km due east of the 3Tôs property. The property consists of 6 mineral claims totaling 2624 ha.

Richard Glacier holds a 100% interest in the property with no underlying royalties.

Figures 1 shows the general location of the Property, and Figure 2 illustrates the mineral claims.

Figure 1: General Location of the Kidôs Claims Property

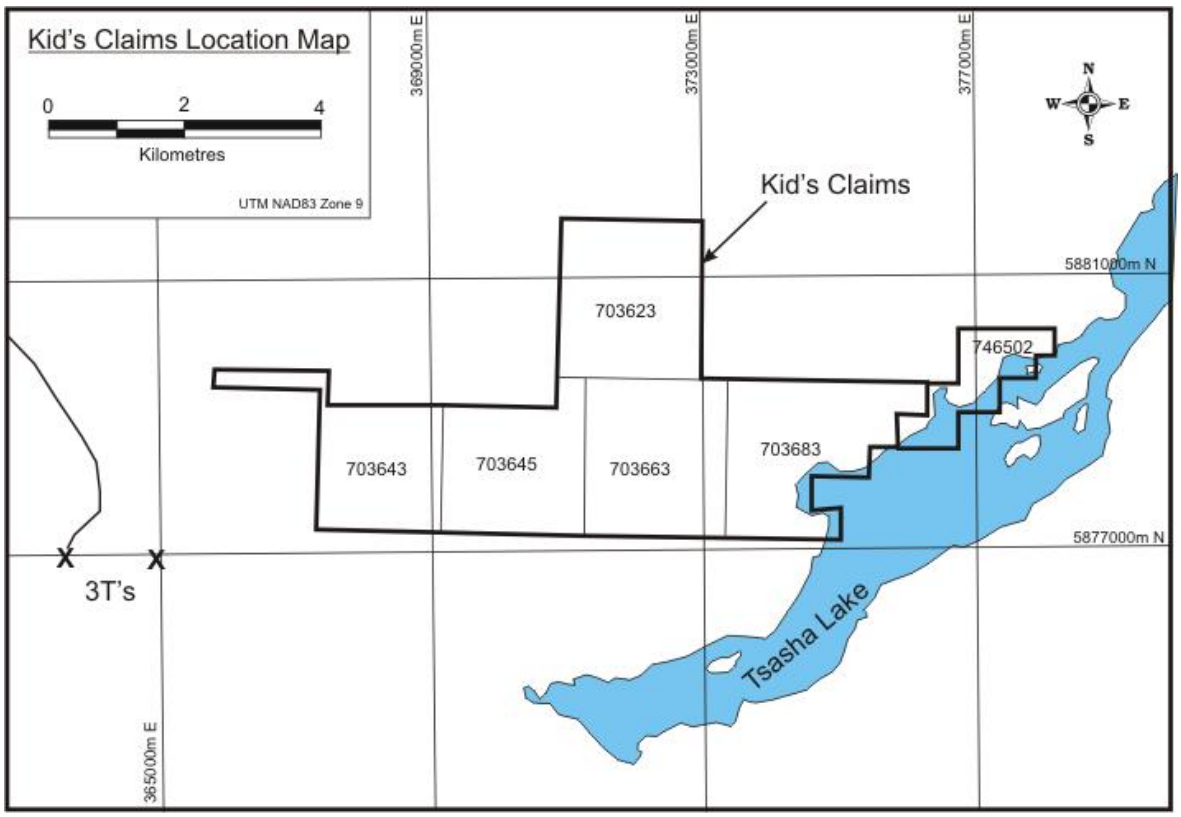

Figure 2. Kidôs Claims Property.

4 Access, Local Resources, Infrastructure and Physiography

The Kidôs Claims Property is situated on the Nechako Plateau of central British Columbia, approximately 130 kilometres southwest of Vanderhoof and 160 kilometres west of Quesnel. The claims are located within the Omineca Mining Division, centered at 53° 1' north latitude and 124° 50' west longitude on NTS Sheet: 093F/02. The property is reached by following the Kenny Dam Road and then the Kluskus Forestry Road south from Vanderhoof for about 161 km, and then by the Green 9000 Road to the old Tsacha exploration road to the 3Tôs. A logging trail extends to the southern boundary of the Kidôs Claims.

Topography is moderate with elevations ranging from approximately 1,060 metres a.s.l. along the shores of Tsacha Lake to the summit of Tsacha Mountain at 1,734 metres a.s.l. The property is accessible via a network of logging roads leading southwest from Vanderhoof, and secondary roads leading to the 3Tôs property.

5 Regional Geology

This summary of the regional geology is after Diakow (1997) and this section is reproduced from Strickland (2010) with little modification, and a regional geology map is shown in Figure 3. The property is situated along the eastern margin of the Stikine Terrane, west of the structural contact with the Cache Creek Terrane and immediately south of the Skeena Arch. Strata of the Stikine Terrane in central and east-central British Columbia comprise superposed island and continental margin arc assemblages and epicontinental sedimentary sequences.

Island arc volcanism and associated sedimentation in central Stikine Terrane spans Late Triassic to Middle Jurassic time. Elsewhere in Stikinia, remnants of Early Devonian to Permian arc volcanic rocks are known (Monger, 1977). The oldest strata exposed in east-central Stikinia are fossiliferous Upper Triassic sediments, sporadically exposed in the Smithers (Tipper and Richards, 1976b; MacIntyre et al., 1996) that closely resemble flows of the Stuhini Group, crop out near fine-grained marine sediments containing the Carnian to early Norian bivalve Halobia in the Fulton Lake map area. These rocks are possibly coextensive with fossil-bearing Upper Triassic marine sediments mapped along the western margin of the Stikine Terrane in the Whitesail Lake (van der Heyden, 1982) and Terrace (Mihalynuk, 1987) map areas, where they crop out in close proximity to Lower Permian carbonates (van der Heyden, 1982). Early and Middle Jurassic rocks of the Hazelton Group stratigraphically overlie the Stuhini Group throughout much of Stikinia. The Hazelton Group is a lithologically varied island arc succession composed of subaerial and submarine volcanics locally inter-layered with marine sediments (Tipper and Richards, 1976a).

Island arc volcanism commenced in Middle Jurassic time, broadly coincident with a protracted event of terrane accretion and the subsequent overlap of older arc strata by widespread Upper Jurassic and Lower and mid-Cretaceous flysch and molasse deposits. Terrane accretion began possibly as early as Bajocian time, resulting in structural juxtaposition of oceanic Cache Creek Terrane onto Stikinia, and led to early development of the Bowser Basin and shale deposited in a starved marine environment (Ricketts and Evenchick, 1991; Tipper and Richards, 1976a). Overlying coarser elastic rocks, consisting largely of conglomerate shed from the uplifted Cache Creek Terrane, record fluvatile transport and progradation of deltaic deposits along the periphery of the basin. The Skeena Arch became an uplifted area and sediment source for northerly flowing drainages into the southern part of the Bowser Basin from mid-Oxfordian to earliest Early Cretaceous times. During parts of the Early and Late Cretaceous, sediments sourced from the northeast and east record initial deposition of nonmarine and shallow marine sediments of the Sustut and Skeena groups. In south and south-central Stikinia, contemporaneous deposits of sandstone, siltstone and conglomerate are widespread and suggest that anumber of smaller sedimentary basins may have been connected (e.g., Nazko Basin; Hunt, 1992).

Regional contractional deformation, documented in widely separated areas of the Stikine Terrane in the TasekoPemberton (Garver, 1995), and the Spatsizi (Evenchick, 1991; Evenchick and McNicoll, 1993) map areas was a middle and Late Cretaceous event. This orogenic event coincides with the transition from sedimentary deposition to continental margin arc volcanism. Definitive evidence of Cretaceous contractional deformation in the intervening region of central Stikinia, particularly in the Nechako River map area, has not yet been recognized. However, a domain of cleaved rocks with local zones of mylonite in the Nechako Range may be the record of this event.

Continent margin arc volcanism began in south and central Stikine Terrane in Late Cretaceous time and continued episodically into the Eocene with eruption of the Kasalka, Ootsa Lake and Endako groups. The Upper Cretaceous Kasalka Group unconformably overlies the Skeena Group. The Kasalka Group records construction of isolated volcanic centres as the magmatic front apparently migrated from the Coast Belt eastward across the Stikine Terrane over a period of nearly 30 million years, ending in latest Cretaceous time. Robust continental arc magmatism was re-established during Middle and late Eocene time with eruption of the Ootsa Lake and Endako groups. This volcanism appears to be closely linked to regional crustal transtension in central British Columbia, manifest in up-welling of high-grade metamorphic rocks in core com¬plexes (Ewing, 1980) and major

strike-slip faults, such as the Tatla Lake Metamorphic Complex adjacent to the Yalakom fault in the Anahim Lake map area (Friedman and Armstrong, 1988).

Miocene and younger volcanism, represented by the Chilcotin Group, is dominated by transitional basalts that formed flat-lying lava fields, mainly in southern Stikinia. The Chilcotin Group is interpreted to have erupted in a back-arc setting, east of the Pemberton-Garibaldi arc (Souther, 1991, Bevier, 1983a,b). Shield volcanoes, comprising the Anahim Belt, are locally perched on the plateau-forming Chilcotin lavas. They consist of distinctive peralkaline volcanoes erupted between 8.7 and 1.1 Ma above a mantle hotspot (Bevier et al., 1979; Souther, 1986; Souther and Souther, 1994).

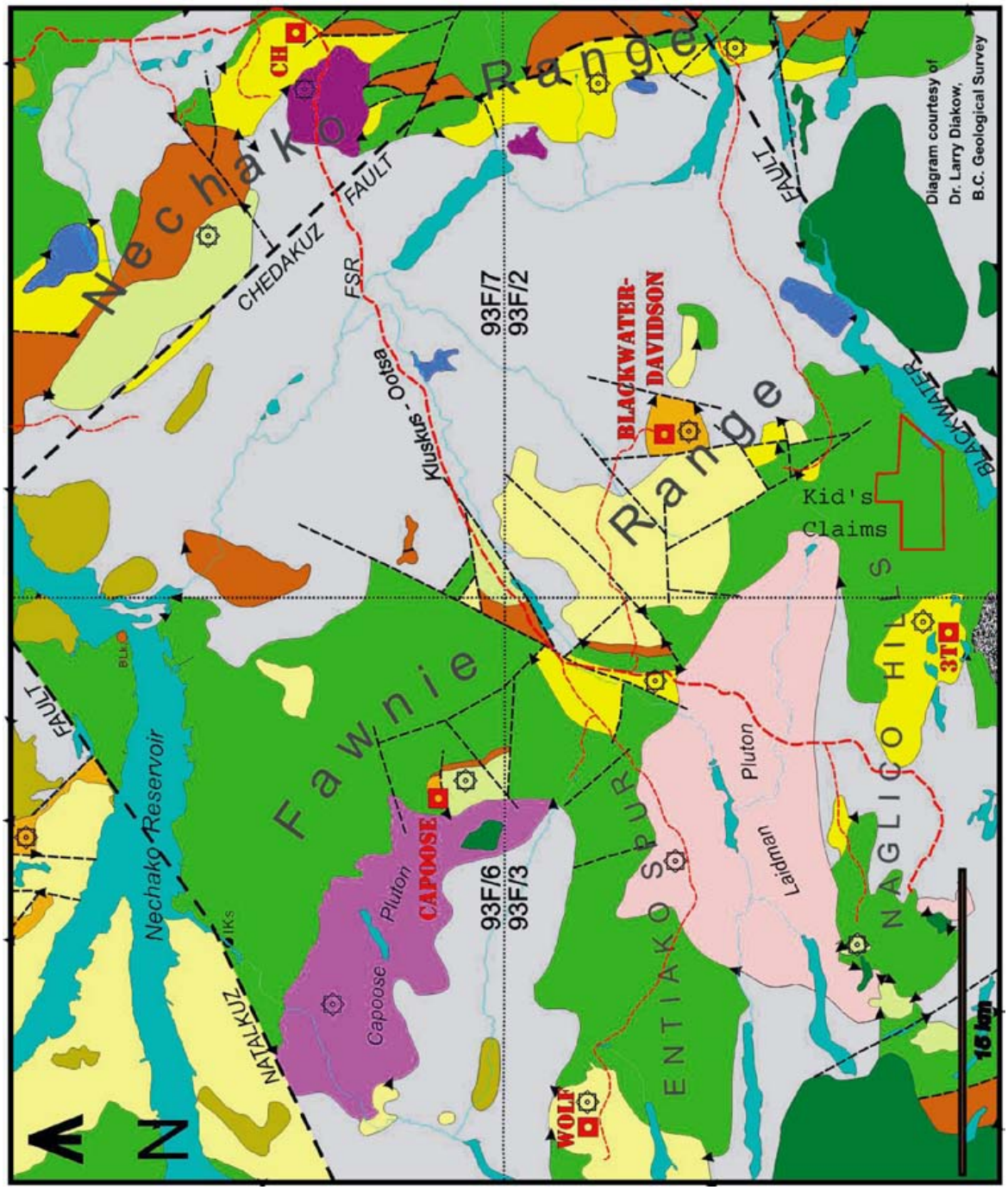

Figure 3. Regional Geology Map.

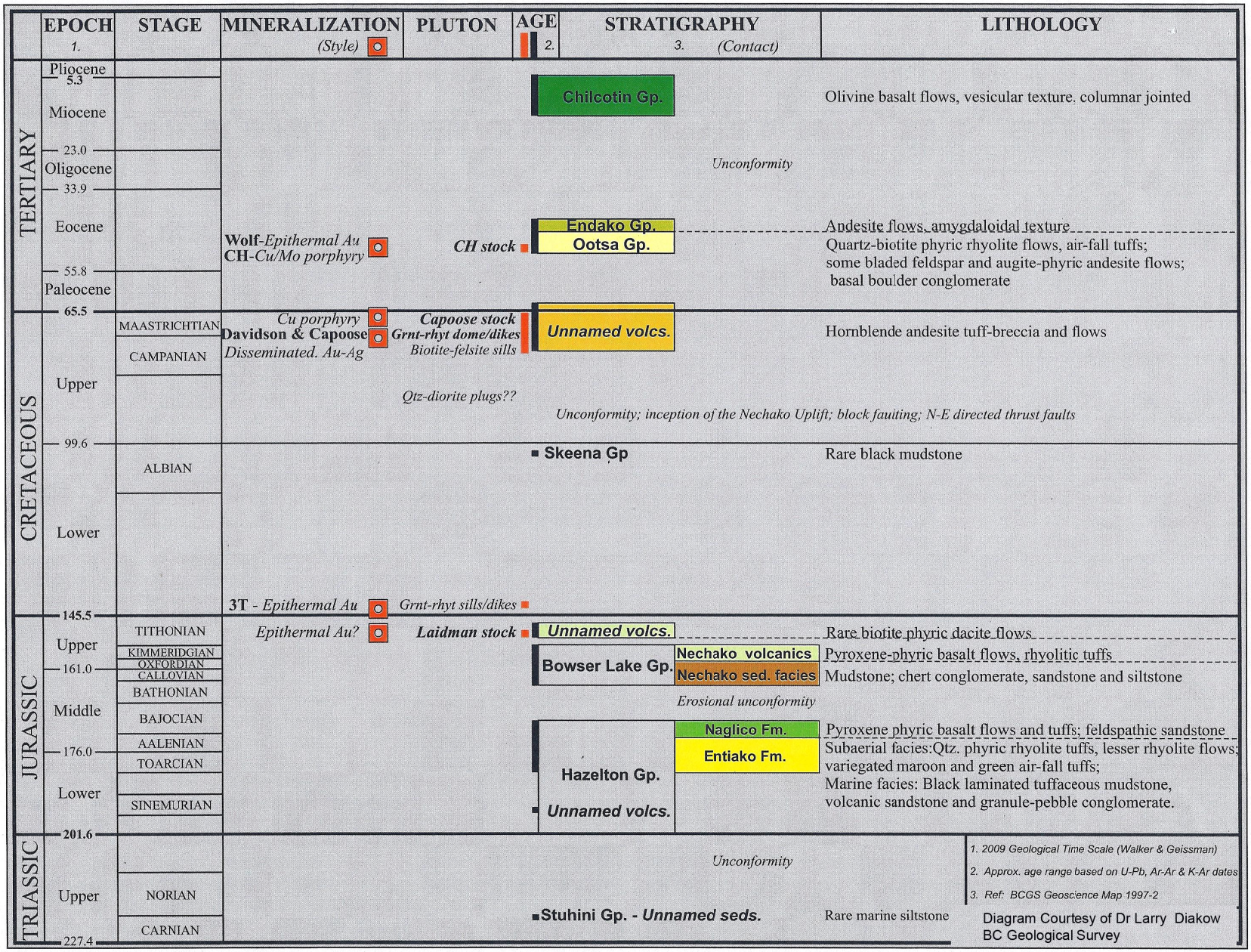

Figure 4. Legend for Regional Geology Map.

Summary of stratigraphic and plutonic units underlying the Nechako Uplift and their temporal relationship with mineralizing events.

6 Property Geology

The geology of the Kidô Claim property remains poorly constrained and no detailed mapping has been done within the claim area. Regional geologic mapping by Diakow (1997) shows the property is underlain by the Naglico Formation of the Hazelton Group.

On the adjacent 3Tôs property, property-scale mapping was carried out by Pautler et al. (1999). Hazelton Group rocks hosting epithermal quartz vein mineralization in the Tsacha and Tam property areas are characterized by rhyolite ash-flow tuff and lapilli tuff of the Entiako Formation. Of these, the dominant host unit is a maroon quartzphyric lapilli tuff approximately 400 m thick. Late Cretaceous felsite sills and a Middle Jurassic augite porphyry plug are exposed to the south of the 3Ts vein system. Lane and Schroeter (1997) reported a preliminary U-Pb zircon date of 73.8 ±2.9 Ma for the biotite-phyric felsite sill which intrudes the Tommy vein. Cretaceous fine-grained diorite sills and dykes are exposed to the north of the vein system near the south side of Tommy Lake. One of these, a shallowly dipping sill, which is likely analogous to felsites mapped to the south, is approximately 100 to 150 m thick and cuts the Tommy and Ted veins at depth. Smaller dykes and sills <5 m in thickness are also commonly observed in drillcore (Rhys, 2003; Pawliuk, 2005). On the 3Tôs property quartz veining and associated alteration systems are relatively resistant to weathering and locally form small but prominent ridges.

6.1 Naglico Formation

The Naglico formation is dominated by augite-phyric mafic flows, lesser tuffs and scarce intervolcanic marine sediments.

The internal lithologic variability in rocks of the Naglico formation, no single section is representative, however, certain lithological features persist over broad areas. The primary lithologies include dark green and sometimes maroon, massive weathered flows of basalt and andesite. Augite phenocrysts are a diagnostic feature of these flows, commonly comprising 1 to 3 volume percent as vitreous prisms averaging between 1 and 2 millimetres long (in rare instances, 5 to 15 millimetres in length). Despite partial to complete replacement of augite by chlorite, epidote, carbonate and opaque granules, they generally retain their prismatic habit. Plagioclase is the primary constituent in all flows that include a number of textural varieties such as sparsely porphyritic, fine-grained crowded plagioclase porphyry to coarse-grained porphyry. Plagioclase is slender, less than 2 millimetres long, in amounts up to 35 volume percent in the crowded varieties.

Dense aphanitic basalts are commonly interlayered with the more voluminous porphyritic flow varieties. They are lava flows with a fine granular aphanitic texture that sometimes display millimetre-thick resistant laminae protruding from smooth weathered surfaces. Thin sections of these rocks reveal olivine and augite grains occupying interstices between plagioclase microlites. A representative suite, comprised of both pyroxene-bearing and aphanitic lavas, has a compositional range of basalt to basaltic andesite. Major and trace elements indicate they are subalkaline with a low-potassium tholeiitic to calcalkaline trend of island arc affinity.

Generally, sedimentary rocks tend to comprise thin recessive beds that rarely crop out and are commonly found as angular sedimentary debris churned up in roadcuts and logging cutblocks, near more diagnostic lithologies of the Naglico formation. The main feature of these intervolcanic sediments is their immaturity, characterized by the high proportion of angular plagioclase and volcanic-lithic detritus. The dominant lithologies include feldspathic sandstone and silts tone, tuffaceous argillite, locally prominent

volcanic conglomerate and scarce limestone. Fossils are nearly always present, varying in abundance from a few indeterminate belemnites and bivalves to zones containing a rich and varied fauna. A solitary sonninid ammonite extracted from limestone suggests a probable early Bajocian age for the Naglico formation underlying much of the Entiako Spur (Collection GSC C-143394; H.W. Tipper, Report 72-1994-HWT).

7 Exploration History

In the late 1960ôs Rio Tinto Canadian Exploration Ltd. carried out stream and lake sediment sampling surveys throughout the Nechako Plateau. The BC Geological Survey undertook a regional lake sediment sampling program throughout portions of the 93F map sheet in 1993.

There is limited recorded exploration work within the Kidôs Claims and no evidence of past drilling or trenching on the property. The 3Tôs property, located 2 km to the west, has been explored by a series of companies. The original Tommy vein discovery in what is now the 3Ts project area was staked in early 1994 by Teck Corporation as the Tsacha property (MINFILE 093F 055) following the release of the British Columbia Geological Survey surface rock geochemical data (up to 3.7 g/t gold and 41.8 g/t silver) by Diakow et al. (1994). A government bedrock mapping party had discovered an auriferous quartz vein system outcropping on hummocky moss-covered rock knobs in the Tommy Lakes area, and released the gold results at the Cordilleran Roundup conference in Vancouver in January 1994. Other properties staked included the Taken property (MINFILE 093F 068). Release of regional lake sediment geochemical data for the southern Nechako area during the summer of 1994 (Cook and Jackaman, 1994) helped bring about additional staking in the area. Initial surface sampling across the Tommy vein by Teck returned assays of up to 61.9 g/t gold and 292.5 g/t silver (Pautler, 1995). Exploration of the Tsacha (Teck) and Tam/Taken (Phelps-Dodge) properties during the period of 1994 to 1999 expanded the known mineralized vein system to include several additional veins, including the Ted vein. During this period, 81 holes totalling more than 16 000 m were drilled on the Tsacha property, primarily on the Tommy vein. The inferred resource on the Tsacha property is 470 700 tonnes at 7.4 g/t gold and 65.2 g/t silver, based on a 4 g/t gold cut-off grade (Wallis and Fier, 2002). After a period of inactivity, Southern Rio Resources (now Silver Quest Resources) restaked the adjacent Tam property in 2001, optioned the Tsacha and Taken properties from Teck-Cominco and Phelps-Dodge, respectively, in 2002 and consolidated the claim groups (~34 km2) as the 3Ts project. Recent work by Southern Rio has included the continued drilling of the Tommy, Ted and Larry veins, and the discovery of several areas of mineralized boulders.

8 Kid's Claims Property 2011 Exploration

From July 15 to 18, Richard Glazier, Dylan Glacier, and Kurtis Friend conducted a soil sampling and prospecting program over the Kidôs Claims. Three north-south oriented soil lines were taken over the property. Each line was 1.8 km long and soil samples were taken every 25m along the lines (Figure 5). A total of 233 B-horizon soil samples were taken and placed in kraft paper bags. A total of 6 surface grab samples of quartz vein and altered rocks were taken while prospecting. Preliminary XRF analyses on one quartz vein sample of float material returned 17 ppm silver. Rock samples and select soil samples have been sent for assay and results are not available at the time this report was written.

Soil samples were analyzed using an Innov-X systems Delta Premium handheld XRF analyzer model DP-2000. Samples were analyzed using Soil Mode and a 3-beam 90 second count time. The analytical results were calibrated using Soil Certified Reference Materials produced by National Institute of Standards and Technology. Select results of the soil sampling are shown on Figures 6, 7, and 8. Analytical results of soil and rock samples are presented in Appendix 2.

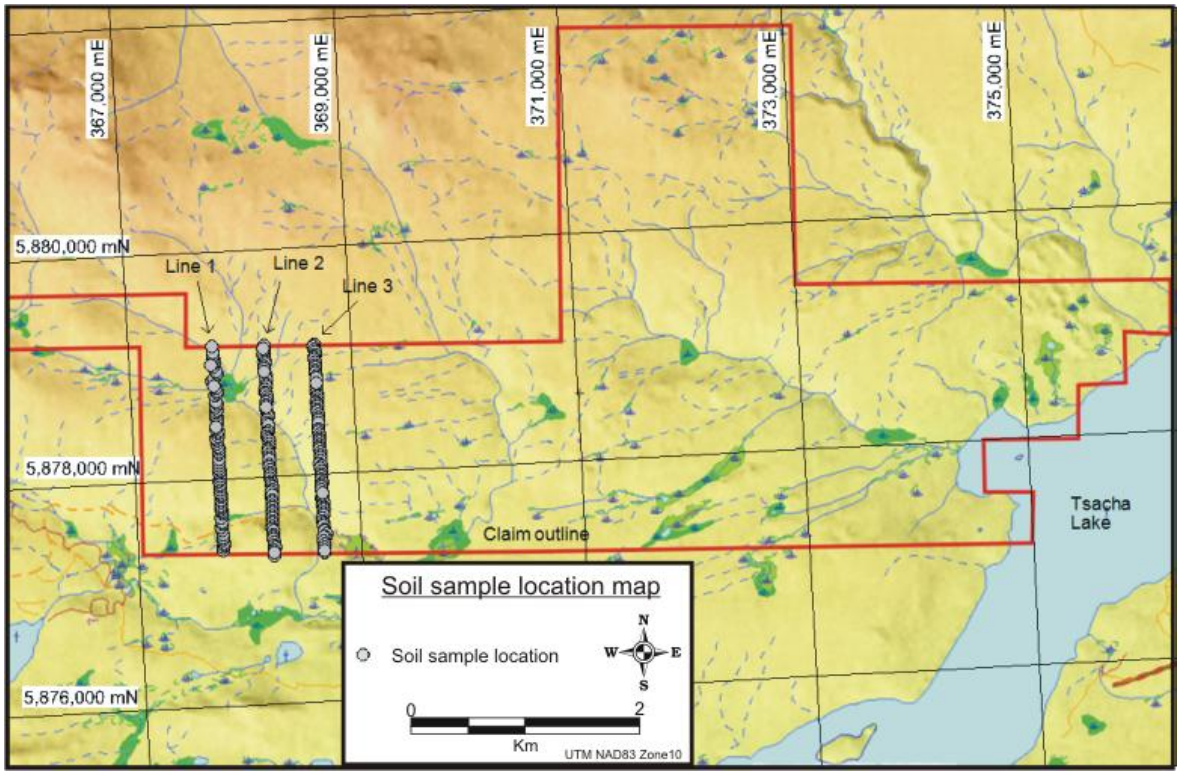

Figure 5. 2011 soil sample location map, Kid's Claims.

In general the soil sampling results returned low values for most elements of interest. Gold and silver do not have low enough detection limits by handheld XRF analyses therefore base metal values have been used as indicators of mineralized zones. Anomalous Zn, Sb, and Cu values from the soil survey are shown in yellow and red on Figures 6, 7, and 8. At the adjacent 3T's property soil sampling surveys have shown Zn, Sb and to a lesser extent Cu in B-horizon soils can be used to successfully locate known precious metal veins (Cook and Dunn, 2007).

Figure 6 shows the distribution of Zn in B-horizon soils over the survey area. Two significant anomalies stand out, the South anomaly and the North anomaly. Cook and Dunn (2007) report B-horizon soil samples with maximum values of 218 and 321 ppm Zn over the Tommy vein, around 131 ppm Zn over the Larry Vein, and 336 to 891 ppm Zn over the Ted vein. The 476 ppm Zn in soil anomaly from Line 1 (Figure 6) is consistent with values that could occur over a significant precious metal vein, and this target stands out in the survey data. The South Zn in soil anomaly (Figure 6) extends across all three lines or 1000m in strike length and is open to the west and east. This targets holds good potential to host a narrow vein type system such as those at the adjacent 3T`s property. The North anomaly (Figure 6) contains a Zn in soil anomaly that extends across lines 1

and 2 (500 metres) and is another area with potential to host 3T`s type vein mineralization that requires additional follow up.

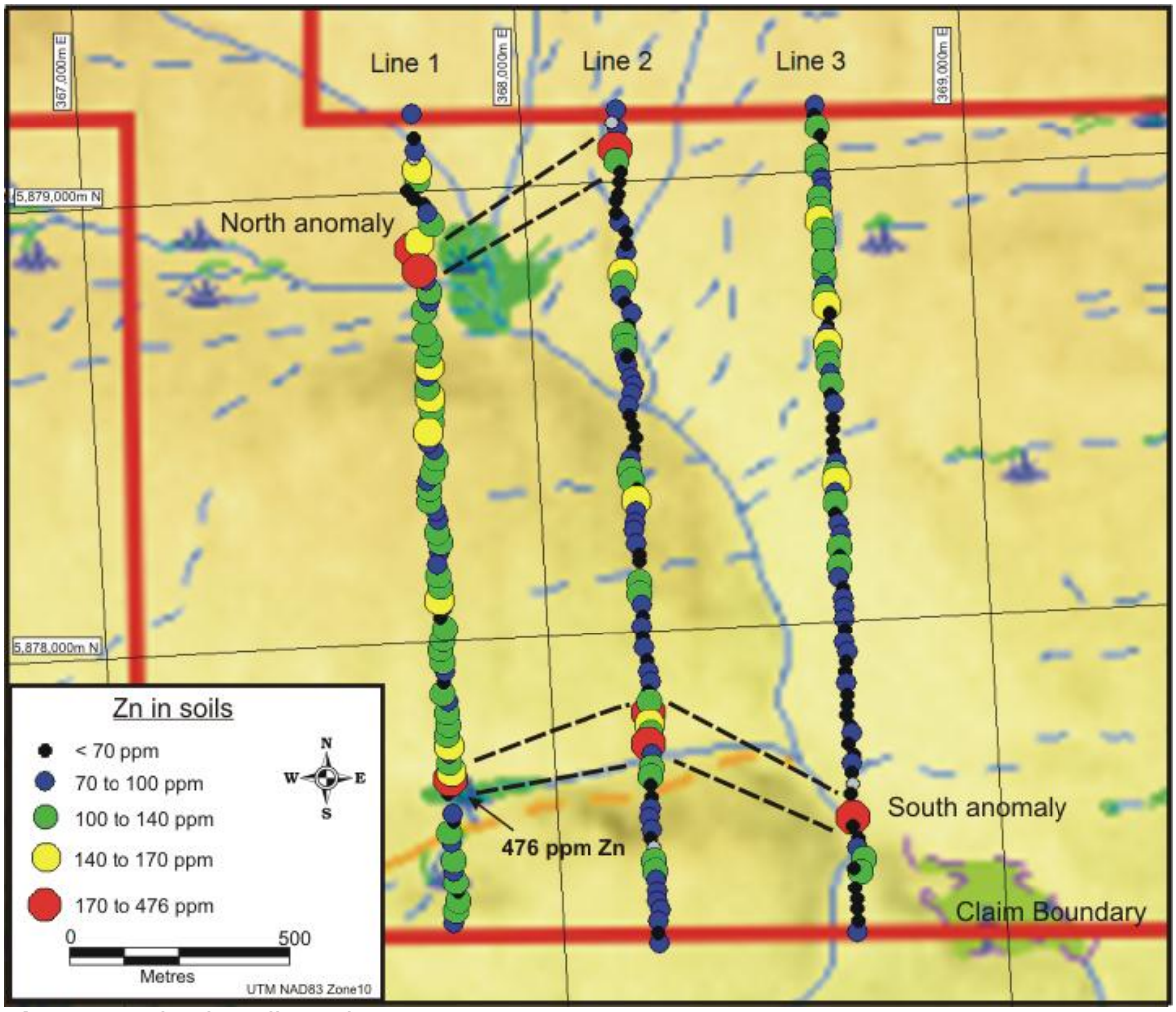

Figure 6. Zinc in soil results.

Figure 7 shows Sb in soils over the survey area. At 3T`s Sb in soils were generally very low, less than 2 ppm (Cook and Dunn, 2007). Several results shown in Figure 7 are above 26 ppm and represent significant anomalies.

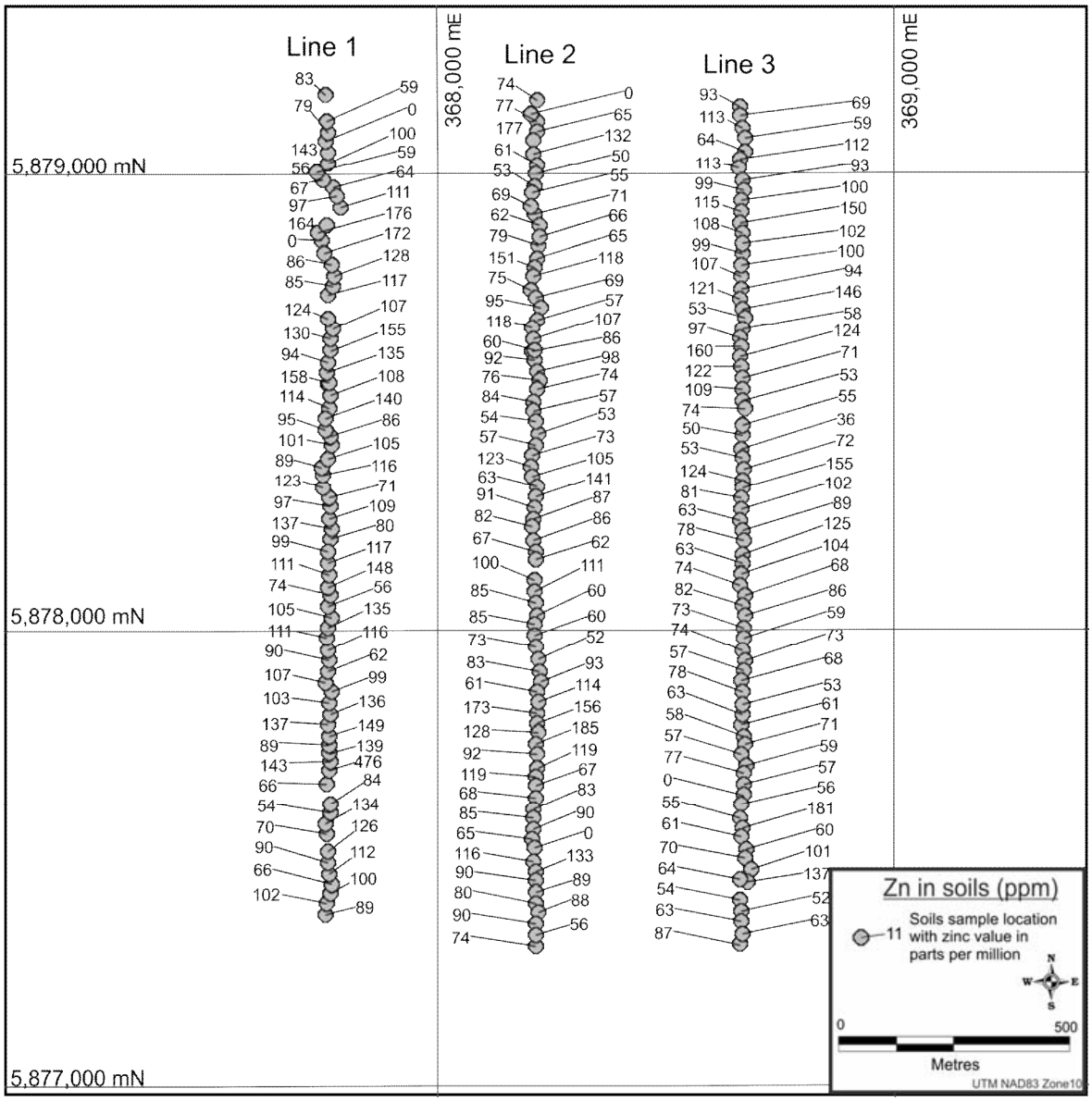

Figure 6b. Zinc in soil results showing zinc values in parts per million for each location.

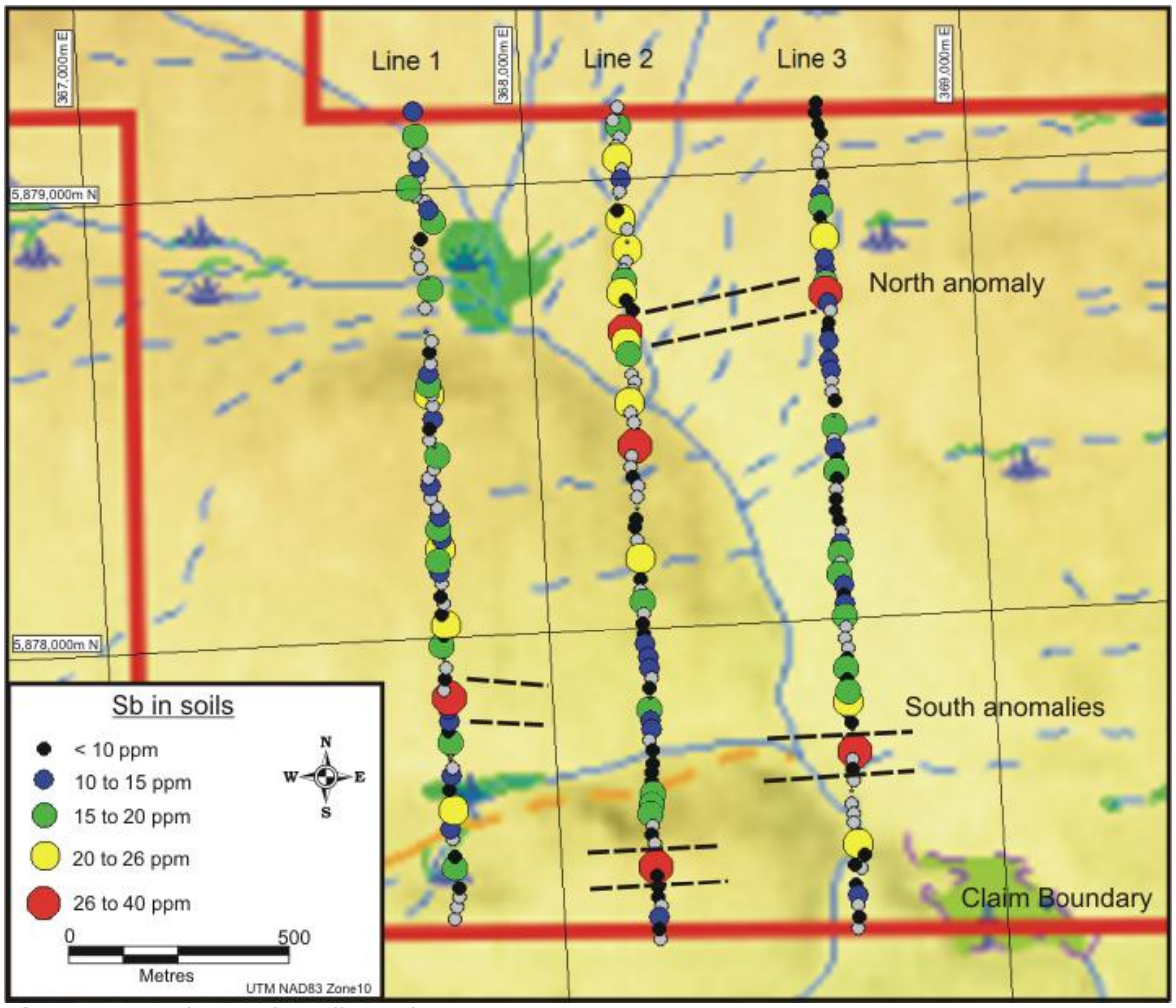

Figure 7. Antimony is soil results.

Figure 8 shows Cu in soil anomalies. Copper values in soils at 3T`s are generally below 15 ppm with a background around 10 ppm (Cook and Dunn, 2007). The copper anomalies over 60 ppm on Figure 7 are significant, and roughly correspond to a Southern and Northern zone.

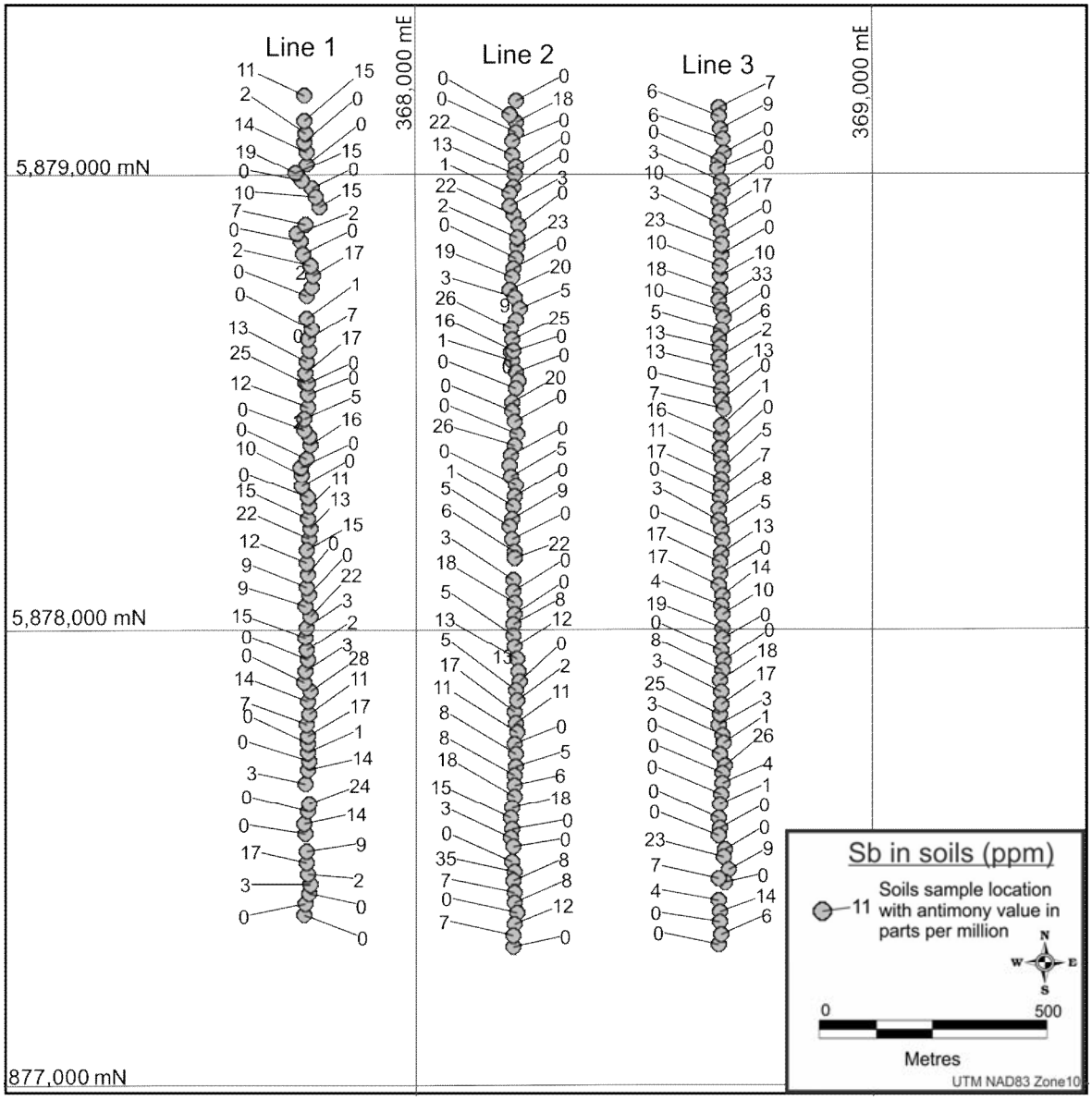

Figure 7b. Antimony in soil results showing antimony values in parts per million for each location.

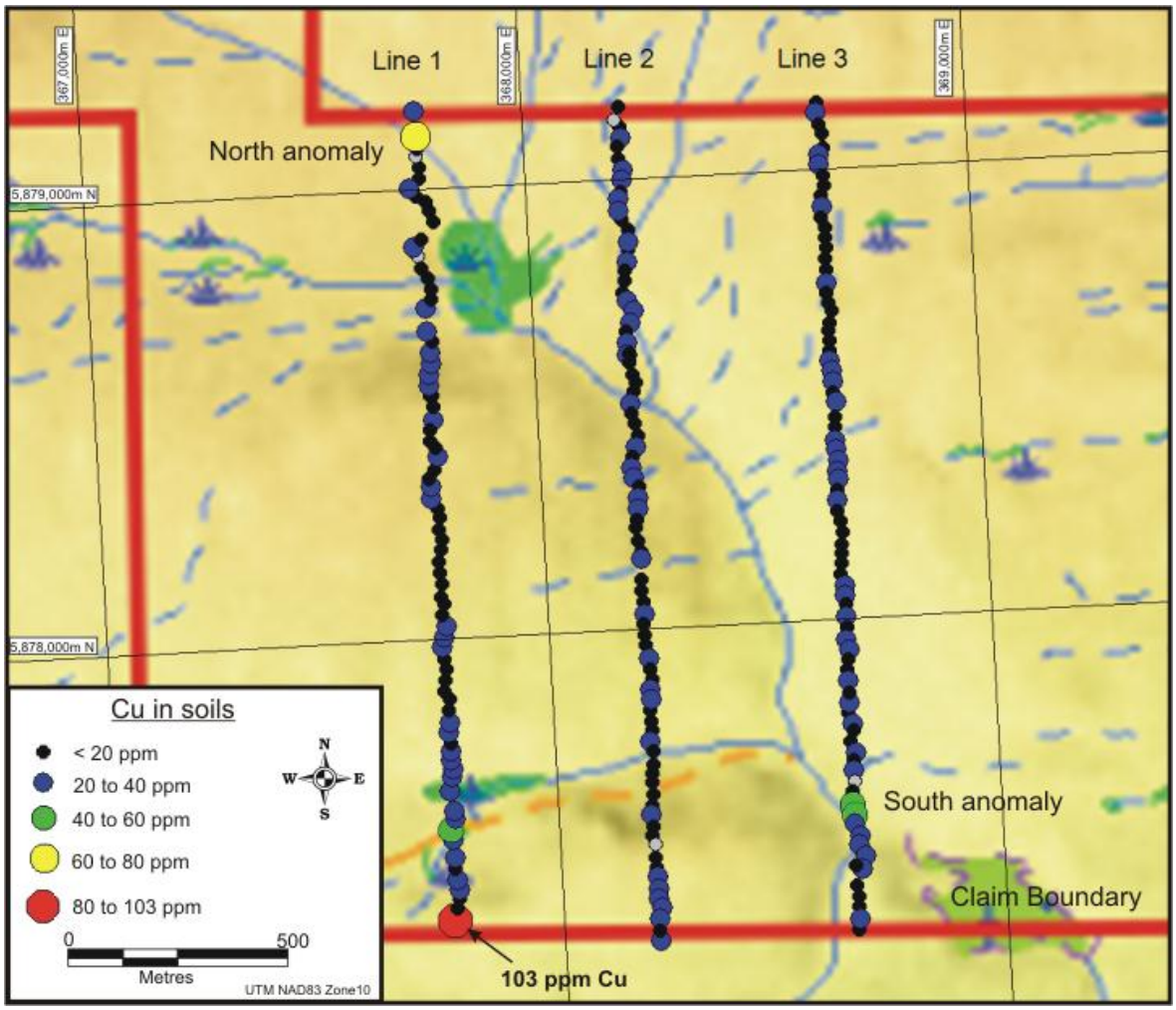

Figure 8. Copper in soil results.

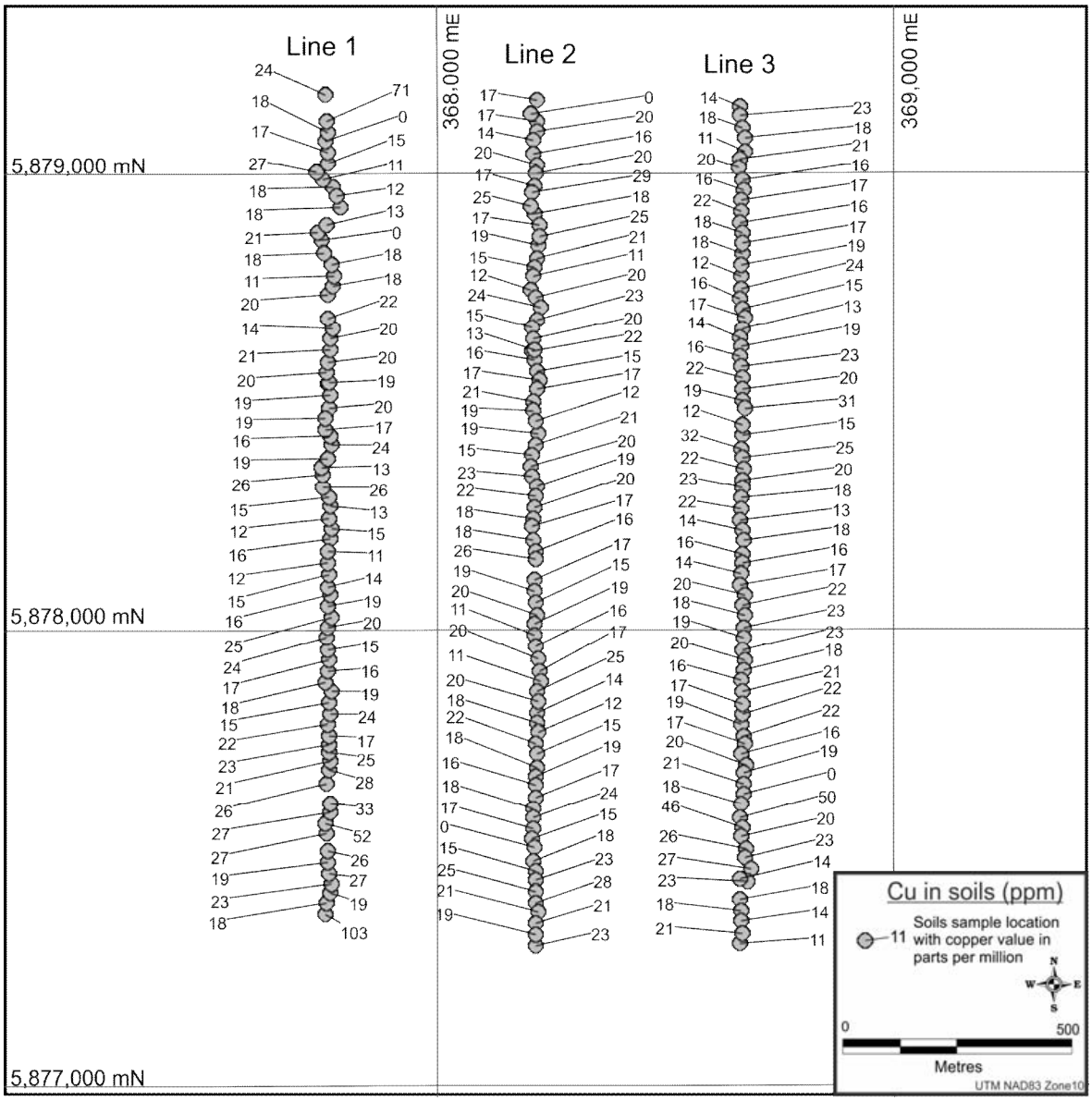

Figure 8b. Copper in soil results showing copper values in parts per million for each location.

9 Conclusions and Recommendations

The B-horizon soil survey over the Kid`s Claims has returned significantly elevated values of Zn, Sb, and Cu that compare favorably to values in B-horizon soils that overly gold-silver veins at the adjacent 3T`s property. Two main anomalies stand out, a South anomaly and a North anomaly and each shows potential to persist for at least 500 to 1000 metres, and both are open in at least one direction.

It is recommend that several of the anomalous soil samples and all of the rock samples collected during the survey be submitted to a lab and assayed for Au and multi-element ICP analyses to confirm the anomalous values, and check for Au and Ag. The soil anomalies identified should be followed up with surface prospecting, sampling and mapping. Additional soil sampling is recommended to extend and confirm the soil anomalies identified during this survey.

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11 Certificates

I Shane Ebert, of 9610 Shad Road, in the City of Prince George in the Province of British Columbia do hereby certify that:

1. I am a Consulting Geologist working in Prince George, British Columbia. I conducted and supervised the XRF analyses of the samples from this program and advised on prospecting and sampling program..

2. I hold a Bachelor of Science in Geology (1991) and a Doctorate of Philosophy in Geology (1996) from the University of Western Australia.

3. I have continuously practiced my profession since graduation.

4. The information for this report has been taken from government and old geological reports and other published works.

5. I am a member in good standing with Association of Professional Engineers, Geoscientist of British Columbia.

6. The assessment costs presented in this report are true and accurate to the best of my knowledge.

DATED at Prince Georger, British Columbia, this 12 th day of November 2010

Dr. Shane Ebert, P.Geo.

Appendix 1

Statement of Expenditures

Statement of Expenditure for Kid's Claim Program					
Soil Sampling Program					
Labour-Contract		**Rate**	**Date**	**Number of units**	**Cost**
Prospector/supervisor	Richard Glazier	$350	July 15 to 18 2011	4	1,400
Field Tech	Dylan Glazier	$300	July 15 and 16	2	600
Field Tech	Kurtis Friend	$300	July 17 and 18	2	600
Field Supplies and fuel					860
Truck/Transportation	Truck	$125	July 15 to 18	4	500
	ATV	$100	July 15 to 18	4	400
3rd party camp	One night 2-men	$125/ea	July 16	2	250
XRF analyses	S. Ebert	$600		3 days	1,800
Satellite image and GIS					1,993
Assessment Reports writing					1,500
Field Program Expenses					**$ 9,903.00**

Appendix 2

XRF Analytical Results

Sample ID	Date	Time	Reading	Mode	Pass/Fail	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti
Soil samples														
643-1-001	04/12/2011	11:43:56	#4	Soil	PASS	3779	347	226	99	9924	169	26507	298	6335
643-1-002	04/12/2011	11:46:37	#5	Soil	PASS	4827	402	226	104	3873	105	29095	336	4176
643-1-003	04/12/2011	11:49:19	#6	Soil	PASS	4252	399	42	105	6943	151	28580	348	4788
643-1-004	04/12/2011	11:54:12	#7	Soil	PASS	3753	317	113	82	6265	120	24806	264	4390
643-1-005	04/12/2011	11:56:36	#8	Soil	PASS	3750	322	234	83	3174	90	23992	269	2678
643-1-006	04/12/2011	11:58:59	#9	Soil	PASS	3092	310	1	88	9967	163	16646	198	6267
643-1-007	04/12/2011	12:01:33	#10	Soil	PASS	3556	305	286	82	3564	89	20423	224	3049
643-1-008	04/12/2011	12:04:18	#11	Soil	PASS	3444	347	119	101	10216	175	21656	257	6516
643-1-009	04/12/2011	12:06:27	#12	Soil	PASS	3866	312	238	80	4679	103	19669	218	3037
643-1-012	04/12/2011	12:08:36	#13	Soil	PASS	3574	325	-69	83	6585	129	23336	261	4852
643-1-012b	04/12/2011	12:10:47	#14	Soil	PASS	3346	347	49	100	10540	180	24258	284	7063
643-1-013	04/12/2011	12:13:43	#15	Soil	PASS	4871	441	120	120	5294	136	23504	308	6740
643-1-014	04/12/2011	12:16:17	#16	Soil	PASS	3252	333	4	95	8807	156	22886	262	7016
643-1-015	04/12/2011	12:19:02	#17	Soil	PASS	3776	351	203	102	9595	165	23279	268	7316
643-1-017	04/12/2011	12:21:34	#18	Soil	PASS	7487	566	331	136	6006	166	42881	580	4225
643-1-018	04/12/2011	12:24:33	#19	Soil	PASS	5062	410	169	104	11864	199	27966	329	4181
643-1-019	04/12/2011	12:26:47	#20	Soil	PASS	3750	383	168	110	17737	268	22053	277	5415
643-1-020	04/12/2011	12:29:06	#21	Soil	PASS	4088	413	238	116	9955	189	27295	341	5146
643-1-020b	04/12/2011	12:31:20	#22	Soil	PASS	3804	415	25	117	12632	222	26297	334	6311
643-1-021	04/12/2011	12:33:41	#23	Soil	PASS	4288	358	127	87	2794	89	26789	306	2433
643-1-022	04/12/2011	12:36:01	#24	Soil	PASS	4585	351	198	88	4903	111	25662	284	4202
643-1-023	04/12/2011	12:38:12	#25	Soil	PASS	4354	360	92	96	9476	164	24741	281	6358
643-1-024	04/12/2011	12:40:22	#26	Soil	PASS	4054	340	69	92	9377	160	19476	228	6351
643-1-025	04/12/2011	12:42:28	#27	Soil	PASS	3852	326	230	86	3899	97	25500	279	3629
643-1-026	04/12/2011	12:44:34	#28	Soil	PASS	3311	333	0	94	9130	159	23608	269	6916
643-1-027	04/12/2011	12:46:58	#29	Soil	PASS	4277	329	163	82	3479	89	27271	286	3928
643-1-028	04/12/2011	12:49:10	#30	Soil	PASS	3983	339	257	97	9478	158	23798	263	6897
643-1-029	04/12/2011	12:51:18	#31	Soil	PASS	3738	327	129	87	5520	116	24826	274	4900
643-1-030	04/12/2011	12:53:23	#32	Soil	PASS	3442	318	148	91	8553	148	22193	248	6452
643-1-031	04/12/2011	13:24:31	#35	Soil	PASS	4483	442	76	125	11146	214	27835	365	7978
643-1-032	04/12/2011	13:26:44	#36	Soil	PASS	3630	351	-107	96	8452	156	25758	297	7506

Sample ID	Date	Time	Reading	Mode	Pass/Fail	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti
643-1-033	04/12/2011	13:28:54	#37	Soil	PASS	4029	330	248	87	4252	100	24969	270	4167
643-1-034	04/12/2011	13:31:02	#38	Soil	PASS	3319	318	195	92	8287	147	22301	251	5773
643-1-035	04/12/2011	13:33:13	#39	Soil	PASS	3328	325	30	91	8998	157	21106	244	6259
643-1-036	04/12/2011	13:35:27	#40	Soil	PASS	3395	335	177	100	11534	184	20402	239	7302
643-1-037	04/12/2011	13:37:26	#41	Soil	PASS	2027	289	123	96	10601	176	16839	207	6837
643-1-038	04/12/2011	13:40:01	#42	Soil	PASS	3116	313	105	92	8963	152	22040	246	6779
643-1-039	04/12/2011	13:42:01	#43	Soil	PASS	2900	294	115	81	3558	91	23068	251	4123
643-1-040	04/12/2011	13:44:22	#44	Soil	PASS	3231	324	222	92	5193	117	21218	249	4292
643-1-040b	04/12/2011	13:46:26	#45	Soil	PASS	3928	357	309	100	4429	112	22954	274	4504
643-1-041	04/12/2011	13:48:38	#46	Soil	PASS	4149	340	52	85	3264	91	23486	264	4367
643-1-042	04/12/2011	13:50:50	#47	Soil	PASS	3663	357	330	108	9284	166	23214	274	7452
643-1-043	04/12/2011	13:52:59	#48	Soil	PASS	4126	353	271	98	7204	139	23625	270	5528
643-1-044	04/12/2011	13:54:58	#49	Soil	PASS	3275	326	77	92	6856	137	22407	262	5381
643-1-045	04/12/2011	13:57:12	#50	Soil	PASS	3523	326	257	95	8235	144	24696	270	6560
643-1-046	04/12/2011	13:59:18	#51	Soil	PASS	3928	381	248	114	10845	189	26844	318	8626
643-1-047	04/12/2011	14:01:20	#52	Soil	PASS	4729	351	192	90	5236	113	21220	241	4944
643-1-048	04/12/2011	14:03:23	#53	Soil	PASS	3762	331	183	94	9847	161	24098	265	6965
643-1-049	04/12/2011	14:05:26	#54	Soil	PASS	4233	312	195	74	1712	64	25135	262	2297
643-1-050	04/12/2011	14:07:32	#55	Soil	PASS	3988	340	56	89	6042	123	26341	289	5512
643-1-050b	04/12/2011	14:09:37	#56	Soil	PASS	4456	353	-10	90	7230	136	25543	283	6279
643-1-051	04/12/2011	14:11:41	#57	Soil	PASS	3174	336	91	99	9959	173	24471	285	6974
643-1-052	04/12/2011	14:13:41	#58	Soil	PASS	3727	337	86	91	7039	136	22222	254	5373
643-1-053	04/12/2011	14:15:44	#59	Soil	PASS	3775	338	46	92	8954	154	25190	279	6390
643-1-054	04/12/2011	14:17:49	#60	Soil	PASS	3557	320	255	88	3612	94	25062	277	3983
643-1-055	04/12/2011	14:20:34	#61	Soil	PASS	4200	313	148	78	3894	90	25491	261	4310
643-1-056	04/12/2011	14:23:47	#62	Soil	PASS	3696	391	267	113	5127	133	27503	348	4798
643-1-057	04/12/2011	14:26:41	#63	Soil	PASS	3888	305	271	80	2817	77	26341	266	3861
643-1-058	04/12/2011	14:29:24	#64	Soil	PASS	3690	353	7	101	9902	167	26516	296	8423
643-1-059	04/12/2011	14:31:53	#65	Soil	PASS	3883	370	21	104	9334	166	24901	290	7677
643-1-060	04/12/2011	14:34:14	#66	Soil	PASS	4007	359	131	100	8955	160	22749	266	6548
643-1-061	04/12/2011	14:36:41	#67	Soil	PASS	4224	364	141	98	6403	131	24629	282	5898
643-1-063	04/12/2011	15:14:05	#82	Soil	PASS	3694	336	112	93	6080	121	30009	318	6844

Sample ID	Date	Time	Reading	Mode	Pass/Fail	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti
643-1-064	04/12/2011	15:16:07	#83	Soil	PASS	4343	357	365	98	5613	120	26114	292	5256
643-1-065	04/12/2011	15:18:08	#84	Soil	PASS	3824	355	6	95	6503	135	23415	275	5918
643-1-066	04/12/2011	15:20:14	#85	Soil	PASS	2706	337	69	102	9935	171	31000	346	7220
643-1-070	04/12/2011	15:22:26	#86	Soil	PASS	3810	338	271	97	6923	133	20964	240	6356
643-1-069	04/12/2011	15:24:28	#87	Soil	PASS	3132	324	273	99	7186	137	20093	234	6639
643-1-070	04/12/2011	15:26:31	#88	Soil	PASS	3664	337	63	94	8168	146	22648	255	6914
643-1-071	04/12/2011	15:28:35	#89	Soil	PASS	4257	347	181	89	3223	90	26615	293	4089
643-1-072	04/12/2011	15:30:57	#90	Soil	PASS	4521	363	128	98	8854	156	24073	272	6901
643-1-073	04/12/2011	15:33:18	#91	Soil	PASS	3329	336	173	94	4600	114	22278	268	4009
643-1-074	04/12/2011	15:35:23	#92	Soil	PASS	3560	362	62	96	4291	119	24932	312	3455
643-1-075	04/12/2011	15:37:31	#93	Soil	PASS	3518	319	90	82	3999	99	27773	300	3288
643-1-076	04/12/2011	15:39:41	#94	Soil	PASS	3185	317	18	90	9488	160	22245	252	6208
643-1-077	04/12/2011	15:41:49	#95	Soil	PASS	3889	323	248	87	5708	115	22447	246	4326
643-1-079	04/12/2011	15:44:14	#96	Soil	PASS	3576	327	210	92	7657	139	26780	291	5515
643-1-080	04/12/2011	15:46:16	#97	Soil	PASS	3185	291	140	73	1521	62	26671	278	1958
643-1-080b	04/12/2011	15:48:20	#98	Soil	PASS	2958	300	-2	75	2378	77	31955	333	2518
643-1-082	04/12/2011	15:50:24	#99	Soil	PASS	4073	336	136	85	4260	101	25806	281	3797
643-2-01	04/12/2011	15:53:20	#100	Soil	PASS	3957	359	66	95	5504	128	19683	247	4717
643-2-01	04/12/2011	15:56:12	#101	Soil	PASS	3285	292	170	80	3259	83	19372	210	4331
643-2-01	04/12/2011	15:58:28	#102	Soil	PASS	3611	303	16	77	3076	83	19975	219	4499
643-2-03	04/12/2011	16:00:35	#103	Soil	PASS	3654	331	252	94	5384	118	19650	231	5472
643-2-04	04/12/2011	16:02:38	#104	Soil	PASS	3431	341	129	98	9447	162	26552	297	6672
643-2-05	04/12/2011	16:04:57	#105	Soil	PASS	3687	342	51	90	3799	102	21065	252	4394
643-2-06	04/12/2011	16:07:02	#106	Soil	PASS	3502	307	140	87	8662	141	19927	216	6416
643-2-07	04/12/2011	16:09:01	#107	Soil	PASS	3322	296	122	76	2576	75	24188	253	3016
643-2-08	04/12/2011	16:11:09	#108	Soil	PASS	3630	336	215	96	8746	151	27214	295	6503
643-2-09	04/12/2011	16:13:09	#109	Soil	PASS	4043	342	103	89	4207	103	25999	288	4829
643-2-10	04/12/2011	16:15:05	#110	Soil	PASS	3606	344	-37	92	7248	139	28490	315	5732
643-2-11	04/12/2011	16:17:12	#111	Soil	PASS	3851	350	251	96	5474	121	28426	319	4587
643-2-12	04/12/2011	16:19:09	#112	Soil	PASS	3592	316	208	86	4477	101	25133	269	4366
643-2-14	04/12/2011	16:21:11	#113	Soil	PASS	3347	312	60	83	6253	121	23068	252	4346
643-2-15	04/12/2011	16:23:17	#114	Soil	PASS	2354	331	50	103	8576	170	20187	261	5646

Sample ID	Date	Time	Reading	Mode	Pass/Fail	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti
643-2-16	04/12/2011	16:25:25	#115	Soil	PASS	3739	360	165	100	9124	167	25608	301	5029
643-2-17	04/12/2011	16:27:36	#116	Soil	PASS	3849	335	236	96	8540	149	20519	234	6783
643-2-18	04/12/2011	16:29:49	#117	Soil	PASS	3505	308	131	84	5834	115	20193	223	5220
643-2-19	04/12/2011	16:32:07	#118	Soil	PASS	3462	327	4	89	7435	140	21175	245	5433
643-2-20	04/12/2011	16:34:13	#119	Soil	PASS	3756	305	292	78	2039	69	24415	257	2460
643-2-21	04/12/2011	16:36:25	#120	Soil	PASS	4056	357	13	94	8153	152	25053	288	6014
643-2-22	04/12/2011	16:38:28	#121	Soil	PASS	3746	344	42	91	6288	129	26062	294	5181
643-2-23	04/12/2011	16:40:35	#122	Soil	PASS	2917	298	202	87	6310	122	22298	244	4926
643-2-24	04/12/2011	16:42:58	#123	Soil	PASS	4120	371	35	101	7968	154	20380	250	6723
643-2-25	04/12/2011	16:46:21	#124	Soil	PASS	3947	354	-34	98	8339	152	22596	261	7920
643-2-13	04/12/2011	16:49:39	#125	Soil	PASS	4013	322	287	90	7037	128	17083	196	5604
643-2-26	04/12/2011	16:53:45	#126	Soil	PASS	3059	329	80	99	9241	162	22171	258	7608
643-2-27	04/12/2011	16:56:17	#127	Soil	PASS	3360	327	82	92	6763	132	24710	277	5996
643-2-28	04/12/2011	16:59:24	#128	Soil	PASS	4260	324	114	81	3918	92	25398	264	4606
643-2-29	17/12/2011	9:57:23	#3	Soil	PASS	3365	308	225	84	3364	88	24438	263	3945
643-2-30	17/12/2011	9:59:43	#4	Soil	PASS	3845	317	22	78	2219	72	23633	253	3720
643-2-31	17/12/2011	10:02:00	#5	Soil	PASS	3162	338	257	103	9045	162	25652	295	6534
643-2-32	17/12/2011	10:04:06	#6	Soil	PASS	3485	342	67	97	8939	161	24275	281	6674
643-2-33	17/12/2011	10:06:25	#7	Soil	PASS	3626	334	206	91	3564	97	22395	261	4258
643-2-34	17/12/2011	10:08:29	#8	Soil	PASS	4394	474	0	129	6385	174	29277	422	4976
643-2-35	17/12/2011	10:10:27	#9	Soil	PASS	3476	372	153	108	6672	149	26313	327	5701
643-2-36	17/12/2011	10:12:37	#10	Soil	PASS	3441	340	77	93	6374	132	26447	301	5200
643-2-37	17/12/2011	10:14:41	#11	Soil	PASS	3854	397	242	119	11007	195	30595	364	8413
643-2-38	17/12/2011	10:17:36	#12	Soil	PASS	4128	332	-3	79	3815	95	25830	279	3631
643-2-39	17/12/2011	10:19:50	#13	Soil	PASS	4660	602	25	176	5747	212	34295	601	5481
643-2-40	17/12/2011	10:22:13	#14	Soil	PASS	3980	314	85	77	2700	78	24204	254	3650
643-2-41	17/12/2011	10:24:30	#15	Soil	PASS	3382	330	91	93	7664	143	24321	275	6151
643-2-42	17/12/2011	10:26:33	#16	Soil	PASS	3647	341	12	95	8999	158	22150	255	6936
643-2-43	17/12/2011	10:28:53	#17	Soil	PASS	3528	347	86	101	9876	172	18511	228	7271
643-2-44	17/12/2011	10:30:56	#18	Soil	PASS	3975	339	40	85	3802	97	28241	307	4333
643-2-45	17/12/2011	10:33:09	#19	Soil	PASS	3982	353	93	98	9673	165	25178	284	7030
643-2-46	17/12/2011	10:35:36	#20	Soil	PASS	3326	328	124	88	3664	98	27510	306	3817

Sample ID	Date	Time	Reading	Mode	Pass/Fail	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti
643-2-47	17/12/2011	10:37:50	#21	Soil	PASS	3603	315	129	80	1769	69	23891	262	3108
643-2-48	17/12/2011	10:39:55	#22	Soil	PASS	4401	335	55	81	3212	86	24900	265	4172
643-2-49	17/12/2011	10:42:18	#23	Soil	PASS	2774	372	109	115	7648	174	17651	255	5191
643-2-50	17/12/2011	10:44:40	#24	Soil	PASS	3400	315	-121	78	4307	102	24731	271	4224
643-2-51	17/12/2011	10:47:33	#25	Soil	PASS	4218	334	73	83	4934	108	24785	270	4248
643-2-52	17/12/2011	10:49:37	#26	Soil	PASS	3450	341	205	100	8487	154	23545	272	6737
643-2-53	17/12/2011	10:51:37	#27	Soil	PASS	3495	360	51	99	5882	137	24376	302	4641
643-2-54	17/12/2011	10:53:40	#28	Soil	PASS	3068	299	198	84	3787	93	22720	248	4161
643-2-55	17/12/2011	10:55:41	#29	Soil	PASS	3737	329	-8	83	4383	105	22567	257	4195
643-2-56	17/12/2011	10:57:43	#30	Soil	PASS	3498	331	564	98	2322	82	23603	275	3222
643-2-57	17/12/2011	11:00:14	#31	Soil	PASS	4681	352	140	88	3458	93	26116	288	4835
643-2-58	17/12/2011	11:03:41	#32	Soil	PASS	3971	320	-76	75	3569	90	24447	262	3639
643-2-59	17/12/2011	11:06:12	#33	Soil	PASS	3801	314	96	82	5972	116	23278	249	4933
643-2-60	17/12/2011	11:09:19	#34	Soil	PASS	3792	335	51	87	4065	102	23235	265	4381
643-2-61	17/12/2011	11:12:38	#35	Soil	PASS	3530	347	179	103	8983	163	23211	274	7472
643-2-62	17/12/2011	11:14:46	#36	Soil	PASS	4248	338	-12	83	4841	108	23324	258	4485
643-2-63	17/12/2011	11:17:02	#37	Soil	PASS	3825	327	131	85	4206	101	23330	260	4242
643-2-64	17/12/2011	11:19:47	#38	Soil	PASS	3883	319	46	80	4235	98	22478	245	4191
643-2-65	17/12/2011	11:23:35	#39	Soil	PASS	4137	353	174	94	6447	132	21735	254	4899
643-2-66	17/12/2011	11:26:26	#40	Soil	PASS	3182	303	221	83	2774	81	23612	256	3503
643-2-67	17/12/2011	11:28:39	#41	Soil	PASS	3765	366	-107	93	5689	134	22334	281	4341
643-2-68	17/12/2011	11:38:28	#45	Soil	PASS	3111	325	49	89	4063	104	22816	266	4375
643-2-69	17/12/2011	11:40:56	#46	Soil	PASS	3864	322	146	83	2952	82	26029	275	4031
643-2-70	17/12/2011	11:44:50	#47	Soil	PASS	3924	347	80	95	9594	164	25361	285	6573
643-2-71	17/12/2011	11:47:42	#48	Soil	PASS	3807	346	14	92	9211	162	23105	268	5624
643-2-73	17/12/2011	11:50:07	#49	Soil	PASS	2670	317	-6	94	8495	155	22083	259	6451
643-2-73	17/12/2011	11:53:22	#50	Soil	PASS	4161	329	150	82	2954	85	22989	254	3330
643-2-74	17/12/2011	11:55:41	#51	Soil	PASS	3544	324	65	90	9427	158	22389	251	6137
643-2-75	17/12/2011	11:59:07	#52	Soil	PASS	3673	342	-2	91	7585	147	21966	260	5305
643-2-76	17/12/2011	12:01:19	#53	Soil	PASS	3215	308	125	86	6445	125	21264	238	4765
643-2-77	17/12/2011	12:04:02	#54	Soil	PASS	3267	340	-58	96	10013	172	22000	259	7028
643-2-78	17/12/2011	12:06:42	#55	Soil	PASS	3287	321	40	87	5046	114	23182	264	4776

Sample ID	Date	Time	Reading	Mode	Pass/Fail	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti
643-2-79	17/12/2011	12:09:00	#56	Soil	PASS	4065	339	62	92	9689	158	25673	277	7007
643-2-80	17/12/2011	12:11:51	#57	Soil	PASS	3293	323	241	91	5893	122	25762	286	4351
643-2-81	17/12/2011	12:14:06	#58	Soil	PASS	3098	340	32	99	8638	161	21353	259	6511
643-3-01	17/12/2011	12:18:46	#59	Soil	PASS	2413	353	194	110	1440	90	17583	263	2216
643-3-02	17/12/2011	17:59:10	#63	Soil	PASS	322	283	-66	114	19047	300	16101	230	7472
643-3-03	17/12/2011	18:03:38	#64	Soil	PASS	3738	367	91	101	7652	157	21827	275	5029
643-3-04	17/12/2011	18:07:13	#65	Soil	PASS	319	281	-84	107	18185	277	21692	277	7002
643-3-05	17/12/2011	18:10:24	#66	Soil	PASS	322	230	97	95	15527	226	20080	238	7235
643-3-06	17/12/2011	18:13:17	#67	Soil	PASS	4294	332	171	83	3421	90	20627	231	3758
643-3-07	17/12/2011	18:18:45	#68	Soil	PASS	3427	288	122	74	2096	68	18871	203	3323
643-3-08	17/12/2011	18:21:15	#69	Soil	PASS	3841	317	221	86	5673	113	22713	243	5128
643-3-09	17/12/2011	18:23:36	#70	Soil	PASS	3650	326	58	85	4760	110	19239	226	3857
643-3-10	17/12/2011	18:26:00	#71	Soil	PASS	3344	281	38	69	2474	72	17047	187	2958
643-3-11	17/12/2011	18:28:14	#72	Soil	PASS	3544	308	5	78	3372	89	20063	225	3845
643-3-12	17/12/2011	18:30:51	#73	Soil	PASS	3987	320	57	79	4004	96	19334	217	3675
643-3-13	17/12/2011	18:33:00	#74	Soil	PASS	3227	320	273	94	4400	112	12334	169	4245
643-3-14	17/12/2011	18:35:18	#75	Soil	PASS	3877	304	-37	69	1487	61	19147	211	2474
643-3-15	17/12/2011	18:37:36	#76	Soil	PASS	3356	316	-41	81	3858	98	18709	220	3972
643-3-16	17/12/2011	18:39:59	#77	Soil	PASS	3883	368	208	104	8275	166	17910	237	5224
643-3-17	17/12/2011	18:42:23	#78	Soil	PASS	2770	288	26	82	7372	135	15598	186	5171
643-3-18	17/12/2011	18:44:48	#79	Soil	PASS	429	252	66	98	17695	245	23980	273	7922
643-3-19	17/12/2011	19:46:58	#81	Soil	PASS	4994	385	21	92	6623	139	23038	276	4373
643-3-20	17/12/2011	19:49:26	#82	Soil	PASS	4186	365	76	97	7801	150	19138	235	5100
643-3-21	17/12/2011	19:51:34	#83	Soil	PASS	3747	339	465	100	5239	122	16539	211	4034
643-3-22	17/12/2011	19:53:49	#84	Soil	PASS	3297	301	41	78	3768	93	20671	229	3596
643-3-23	17/12/2011	19:56:05	#85	Soil	PASS	4139	371	200	104	8877	166	19913	247	6162
643-3-24	17/12/2011	19:58:16	#86	Soil	PASS	3498	338	364	101	9186	163	19341	233	5574
643-3-25	17/12/2011	20:00:34	#87	Soil	PASS	3502	369	-30	104	8269	162	20482	258	6275
643-3-26	17/12/2011	20:03:16	#88	Soil	PASS	3217	280	29	71	3097	81	16801	187	3315
643-3-27	17/12/2011	20:05:27	#89	Soil	PASS	4876	418	202	114	9690	188	18020	245	5988
643-3-28	17/12/2011	20:08:12	#90	Soil	PASS	3879	329	86	84	3959	99	23413	263	3839
643-3-29	17/12/2011	20:11:47	#91	Soil	PASS	3328	357	120	103	8860	174	18238	241	4936

Sample ID	Date	Time	Reading	Mode	Pass/Fail	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti
643-3-30	17/12/2011	20:14:03	#92	Soil	PASS	3157	264	82	63	1911	61	22007	218	1857
643-3-31	17/12/2011	20:16:20	#93	Soil	PASS	3435	333	13	92	7815	151	16022	205	5576
643-3-32	17/12/2011	20:18:56	#94	Soil	PASS	2663	306	205	90	4489	112	19743	241	3555
643-3-33	17/12/2011	20:21:32	#95	Soil	PASS	4855	451	-17	92	2368	88	157128	1531	1170
643-3-34	17/12/2011	20:23:48	#96	Soil	PASS	3519	292	203	72	1826	65	28209	284	1832
643-3-35	17/12/2011	20:51:40	#97	Soil	PASS	4504	383	201	94	2330	89	27354	332	2190
643-3-36	17/12/2011	20:53:44	#98	Soil	PASS	4454	347	139	86	4252	103	19758	229	3512
643-3-37	17/12/2011	20:56:00	#99	Soil	PASS	2951	339	208	103	9576	176	20831	260	5378
643-3-38	17/12/2011	20:58:06	#100	Soil	PASS	3921	336	0	81	2618	84	22061	255	3036
643-3-39	17/12/2011	21:00:25	#101	Soil	PASS	98	264	123	114	17730	278	15263	216	7537
643-3-40	17/12/2011	21:03:25	#102	Soil	PASS	3916	325	147	85	6812	130	20317	231	4041
643-3-41	17/12/2011	21:05:42	#103	Soil	PASS	3447	326	108	93	8957	158	16036	199	5873
643-3-42	17/12/2011	21:07:47	#104	Soil	PASS	3945	306	112	76	3397	86	21610	231	3701
643-3-43	17/12/2011	21:10:03	#105	Soil	PASS	3667	331	119	92	8305	149	19847	231	5980
643-3-44	17/12/2011	21:12:14	#106	Soil	PASS	3390	352	3	99	7437	150	22536	274	6204
643-3-45	17/12/2011	21:14:19	#107	Soil	PASS	3294	352	169	105	9575	173	24931	297	6980
643-3-46	17/12/2011	21:16:35	#108	Soil	PASS	4154	369	20	98	7673	153	20249	253	5753
643-3-47	17/12/2011	21:19:14	#109	Soil	PASS	2977	314	-36	92	11130	179	15898	196	7350
643-3-48	17/12/2011	21:21:18	#110	Soil	PASS	3086	342	-149	96	9482	169	22770	271	7032
643-3-49	17/12/2011	21:23:31	#111	Soil	PASS	3989	389	46	107	6408	146	22546	289	5965
643-3-50	17/12/2011	21:25:36	#112	Soil	PASS	3087	347	209	104	9077	166	28455	329	6410
643-3-50b	20/12/2011	16:09:46	#3	Soil	PASS	4216	333	186	84	2950	84	24168	264	3589
643-3-51	20/12/2011	16:12:21	#4	Soil	PASS	584	302	-164	111	16456	257	27461	336	8833
643-3-52	20/12/2011	16:14:47	#5	Soil	PASS	3194	356	48	104	9971	175	30507	348	7175
643-3-53	20/12/2011	16:17:16	#6	Soil	PASS	3849	375	-193	98	8967	167	28198	330	6755
643-3-54	20/12/2011	16:21:50	#7	Soil	PASS	4546	366	47	92	4807	114	22733	266	4944
643-3-55	20/12/2011	16:24:00	#8	Soil	PASS	3575	335	93	88	2987	91	22983	269	3823
643-3-56	20/12/2011	16:26:19	#9	Soil	PASS	4254	350	145	87	2419	82	24305	279	3234
643-3-57	20/12/2011	16:33:29	#10	Soil	PASS	4097	386	176	103	3652	111	24155	306	3991
643-3-58	20/12/2011	16:37:08	#11	Soil	PASS	4845	394	475	113	10417	178	30791	347	7257
643-3-59	20/12/2011	16:39:18	#12	Soil	PASS	3730	381	147	105	7913	156	43435	481	5712
643-3-60	20/12/2011	16:41:59	#13	Soil	PASS	2299	338	111	106	7492	158	25924	322	5399

Sample ID	Date	Time	Reading	Mode	Pass/Fail	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti
643-3-61	20/12/2011	16:44:08	#14	Soil	PASS	3194	313	-36	79	2857	85	26248	288	3457
643-3-62	20/12/2011	16:50:57	#15	Soil	PASS	4018	354	-64	94	8331	153	23223	269	6731
643-3-63	20/12/2011	16:53:11	#16	Soil	PASS	3348	309	113	83	4304	102	19567	224	4059
643-3-64	20/12/2011	16:55:24	#17	Soil	PASS	3894	334	-19	81	2435	82	21474	250	3253
643-3-65	20/12/2011	17:05:20	#18	Soil	PASS	3566	328	-92	86	7561	142	20024	234	5591
643-3-67	20/12/2011	17:07:22	#19	Soil	PASS	3521	329	-55	88	7760	145	20166	237	5533
643-3-70	20/12/2011	17:09:34	#20	Soil	PASS	3089	297	160	82	2273	75	18047	209	3548
643-3-68	20/12/2011	17:11:54	#21	Soil	PASS	3385	404	-281	105	7504	171	30001	392	4931
643-3-69	20/12/2011	19:15:56	#22	Soil	PASS	3201	340	38	92	7229	142	30385	340	4475
643-3-70	20/12/2011	19:18:31	#23	Soil	PASS	3349	356	211	106	10532	184	21945	268	6134
643-3-71	20/12/2011	19:20:56	#24	Soil	PASS	3816	357	192	96	5108	120	25275	296	3935
643-3-72	20/12/2011	19:33:33	#30	Soil	PASS	3600	312	165	78	4760	105	29127	305	2542
643-3-73	20/12/2011	19:37:50	#32	Soil	PASS	3940	365	48	102	11098	184	22910	270	7318
643-3-74	20/12/2011	19:39:56	#33	Soil	PASS	3577	313	-19	80	4295	99	22116	242	4384
643-3-75	20/12/2011	19:42:11	#34	Soil	PASS	4252	342	84	88	5620	119	21183	242	4927
643-3-76	20/12/2011	19:44:23	#35	Soil	PASS	3675	307	-41	75	4851	104	21807	236	3980
643-3-77	20/12/2011	19:46:32	#36	Soil	PASS	3574	304	123	78	3242	85	21356	233	3441
643-3-78	20/12/2011	19:48:43	#37	Soil	PASS	3702	355	-80	95	8361	159	20878	255	5900
643-3-79	20/12/2011	19:51:05	#38	Soil	PASS	3182	295	111	77	2850	81	22162	241	3262
643-3-80	20/12/2011	19:53:08	#39	Soil	PASS	3651	321	77	83	4094	100	21874	246	4067
streamsample	20/12/2011	19:30:10	#28	Soil	PASS	456	233	-43	90	10809	168	18861	214	8334
streamsample1	20/12/2011	19:31:26	#29	Soil	PASS									7249
Rock samples														
Rock 3T core	04/12/2011	14:39:25	#68	Soil	PASS	16648	597	721	98	1692	70	123722	1129	55
Rock 3T core2	04/12/2011	14:42:01	#69	Soil	PASS	8906	364	557	65	2136	62	13616	148	91
Rock 3T outcrop	04/12/2011	14:44:40	#70	Soil	PASS	97	123	4	52	19162	235	872	48	431
Rock 1	04/12/2011	14:47:08	#71	Soil	PASS	396	488	96	146	1412	107	150915	1935	2240
Rock 1b	04/12/2011	14:49:26	#72	Soil	PASS	2758	631	428	184	2054	130	152612	2132	4042
Rock 2	04/12/2011	14:51:49	#73	Soil	PASS	833	370	196	144	16234	281	7024	138	9628
Rock 3	04/12/2011	14:54:08	#74	Soil	PASS	765	212	103	69	2595	81	14008	174	161

Sample ID	Date	Time	Reading	Mode	Pass/Fail	S	S +/-	Cl	Cl +/-	K	K +/-	Ca	Ca +/-	Ti
Rock 3b	04/12/2011	14:56:46	#75	Soil	PASS	2331	263	198	71	1619	66	15877	190	265
Rock 3c	04/12/2011	14:59:05	#76	Soil	PASS	338	195	114	64	661	49	28699	296	272
Rock 3d	04/12/2011	15:01:18	#77	Soil	PASS	216	210	77	72	354	45	24637	268	853
Rock 4	04/12/2011	15:03:58	#78	Soil	PASS	3087	437	57	126	2488	109	16982	260	2366
Rock 5	04/12/2011	15:06:41	#79	Soil	PASS	2172	425	180	133	9153	193	58962	720	6261
Rock 5b	04/12/2011	15:08:51	#80	Soil	PASS	2135	448	419	149	2231	102	61347	759	8448
Rock Kurts rock	04/12/2011	15:11:07	#81	Soil	PASS	1286	423	203	144	7013	177	53710	702	6019

Sample ID	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-
Soil samples															
643-1-001	77	91	5	38	5	1653	21	31110	169	13.6	0.8	-56	7	17	3
643-1-002	59	89	5	67	7	1764	23	52100	265	23.4	1	-59	8	112	4
643-1-003	68	84	5	50	6	780	14	42794	250	16.7	1	-66	8	103	4
643-1-004	54	57	4	48	5	389	8	27550	141	14.3	0.7	-43	6	18	3
643-1-005	40	53	4	60	5	365	8	20768	121	13.1	0.6	-79	6	19	3
643-1-006	74	96	5	52	6	470	10	31119	160	14.3	0.7	-34	7	23	3
643-1-007	42	55	4	63	5	486	9	26638	139	15.2	0.7	-51	6	27	3
643-1-008	80	92	5	39	6	413	10	37946	199	17.5	0.8	-68	7	19	3
643-1-009	42	63	4	39	5	351	8	23501	126	13.9	0.6	-69	6	26	3
643-1-012	61	81	5	54	5	370	9	29668	156	14.9	0.7	-72	6	27	3
643-1-012b	86	93	6	50	6	427	10	36423	197	17.3	0.8	-62	7	30	3
643-1-013	93	105	6	63	7	1192	19	59543	343	27	1.2	-124	9	52	4
643-1-014	83	94	5	57	6	400	9	33820	176	17.3	0.8	-49	7	27	3
643-1-015	86	100	6	61	6	564	11	36440	189	17.8	0.8	-53	7	33	3
643-1-017	72	87	6	112	8	646	15	30081	208	11.2	0.9	-49	9	26	4
643-1-018	60	126	5	48	6	2087	27	42434	226	14.8	0.9	-65	7	28	3
643-1-019	74	99	6	31	6	794	14	47832	260	19.4	1	-92	8	21	3
643-1-020	73	125	6	61	7	1527	22	50345	278	20.4	1	-94	8	25	3
643-1-020b	87	141	7	48	7	1726	25	55814	309	20.7	1.1	-79	8	22	3
643-1-021	39	68	4	70	6	644	12	30743	176	19.3	0.8	-95	7	23	3
643-1-022	55	73	4	58	5	525	10	27750	149	14.7	0.7	-54	7	17	3
643-1-023	77	106	5	57	6	650	12	31813	168	13.8	0.8	-39	7	22	3
643-1-024	76	99	5	39	5	616	11	29463	158	13.8	0.7	-49	7	24	3
643-1-025	49	67	4	68	5	577	10	24685	136	14.7	0.7	-65	6	15	3
643-1-026	82	101	5	46	6	638	11	33378	175	15.3	0.8	-44	7	19	3
643-1-027	50	78	4	43	5	526	10	25290	134	14.9	0.7	-65	6	18	3
643-1-028	79	96	5	49	5	369	9	32269	165	13.9	0.7	-32	7	16	3
643-1-029	61	81	5	47	5	499	10	25747	139	13.1	0.7	-53	6	17	3
643-1-030	75	95	5	39	5	606	11	26960	142	12.8	0.7	-54	6	15	3
643-1-031	109	93	7	69	7	716	15	42765	255	17.8	1	-51	8	24	3
643-1-032	90	98	6	49	6	788	13	33209	180	18.2	0.8	-76	7	20	3

Sample ID	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-
643-1-033	53	73	4	51	5	754	12	28990	153	16.6	0.7	-63	7	25	3
643-1-034	69	82	5	50	5	426	9	27179	146	14.6	0.7	-43	7	19	3
643-1-035	75	91	5	41	5	438	9	29617	154	13.1	0.7	-57	6	16	3
643-1-036	86	104	6	35	6	562	11	37407	193	13.8	0.8	-64	7	14	3
643-1-037	82	85	5	37	5	520	10	28315	151	11.9	0.7	-27	7	15	3
643-1-038	78	90	5	50	5	486	10	31338	161	14	0.7	-39	7	12	3
643-1-039	52	69	4	54	5	526	10	25561	136	13.6	0.7	-55	6	11	3
643-1-040	57	72	5	51	5	692	12	29472	161	13.6	0.7	-48	7	16	3
643-1-040b	61	69	5	62	6	859	14	30196	168	15	0.8	-70	7	13	3
643-1-041	57	78	4	57	5	1279	17	26854	146	13.3	0.7	-60	6	15	3
643-1-042	90	104	6	48	6	1041	16	41066	216	16.3	0.9	-69	7	12	3
643-1-043	69	86	5	63	6	445	10	36624	191	15.2	0.8	-68	7	13	3
643-1-044	68	79	5	46	5	446	10	25107	143	12.1	0.7	-48	7	15	3
643-1-045	76	96	5	54	6	724	12	33043	171	17	0.8	-58	7	26	3
643-1-046	104	111	6	54	6	776	14	40081	217	20.5	0.9	-72	7	26	3
643-1-047	62	85	5	53	5	394	9	27346	146	13.6	0.7	-66	6	13	3
643-1-048	80	95	5	57	6	636	11	30695	159	12.8	0.7	-46	7	19	3
643-1-049	34	49	3	58	5	363	8	17865	101	11.9	0.6	-66	6	24	3
643-1-050	67	89	5	45	5	428	9	29707	158	15.9	0.7	-42	7	16	3
643-1-050b	75	79	5	64	6	419	9	30788	165	15.7	0.8	-58	7	20	3
643-1-051	84	98	6	42	6	464	10	32600	179	13.5	0.8	-57	7	17	3
643-1-052	67	83	5	52	6	674	12	34243	184	15.4	0.8	-48	7	19	3
643-1-053	75	92	5	42	5	579	11	32590	169	15.5	0.8	-49	7	20	3
643-1-054	53	74	4	59	5	394	9	24686	137	13.4	0.7	-62	6	19	3
643-1-055	52	80	4	56	5	827	12	24522	126	13.9	0.6	-51	6	19	3
643-1-056	70	82	5	56	6	633	13	39662	240	18.5	1	-96	8	20	3
643-1-057	47	66	4	50	5	501	9	25683	131	15.1	0.6	-60	6	20	3
643-1-058	96	108	6	52	6	680	12	44147	222	21.1	0.9	-57	7	21	3
643-1-059	92	101	6	42	6	708	13	49837	260	21	1	-82	7	20	3
643-1-060	80	91	5	51	6	380	9	40398	210	15.4	0.8	-71	7	14	3
643-1-061	73	83	5	42	6	378	9	35856	187	18	0.8	-55	7	22	3
643-1-063	78	93	5	54	6	489	10	36930	184	19.4	0.8	-79	7	20	3

Sample ID	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-
643-1-064	66	79	5	55	6	404	9	36898	196	17.2	0.8	-76	7	18	3
643-1-065	74	98	5	54	6	483	10	34118	183	16.6	0.8	-77	7	11	3
643-1-066	87	97	6	50	6	862	14	39979	208	16.6	0.8	-62	7	18	3
643-1-070	75	98	5	45	6	470	10	37857	196	18.4	0.8	-66	7	18	3
643-1-069	79	95	5	50	6	477	10	38340	198	16.8	0.8	-59	7	21	3
643-1-070	80	88	5	53	6	596	11	41555	208	16.5	0.8	-75	7	13	3
643-1-071	54	75	4	62	6	408	9	32646	175	18.4	0.8	-91	7	18	3
643-1-072	81	93	5	59	6	512	10	38976	202	17.3	0.8	-65	7	12	3
643-1-073	56	68	5	54	6	334	9	26775	153	15.2	0.7	-76	7	18	3
643-1-074	54	59	4	59	6	389	10	26262	164	12.3	0.8	-81	7	11	3
643-1-075	46	72	4	59	5	640	11	23806	131	11.6	0.7	-49	6	27	3
643-1-076	74	88	5	44	5	429	9	29640	158	13.7	0.7	-64	7	15	3
643-1-077	54	72	4	40	5	559	10	29449	152	14.7	0.7	-60	6	17	3
643-1-079	67	93	5	40	5	295	8	29197	151	12.3	0.7	-63	6	18	3
643-1-080	31	45	3	46	5	590	10	17458	98	9.4	0.5	-61	6	71	3
643-1-080b	37	52	3	50	5	680	11	20439	112	10.3	0.6	-52	6	80	3
643-1-082	50	73	4	51	5	825	13	29312	155	15.2	0.7	-50	7	24	3
643-2-01	65	76	5	51	6	327	9	26610	156	13.1	0.7	-70	7	17	3
643-2-01	53	84	4	53	5	364	8	28091	144	16.4	0.7	-44	6	22	3
643-2-01	55	62	4	48	5	329	8	25241	133	15.8	0.7	-75	6	20	3
643-2-03	68	73	5	62	6	405	9	30216	161	15.1	0.7	-67	7	17	3
643-2-04	80	121	6	50	6	497	10	36066	187	16.5	0.8	-52	7	20	3
643-2-05	59	77	5	46	6	462	10	30537	171	15.1	0.8	-69	7	14	3
643-2-06	71	81	5	48	5	604	10	34287	167	17.8	0.7	-62	6	16	2
643-2-07	41	70	4	50	5	413	8	27565	141	17.6	0.7	-65	6	20	3
643-2-08	76	103	5	68	6	979	14	33344	171	16	0.8	-42	7	20	3
643-2-09	61	85	5	59	6	415	9	29298	159	16.1	0.7	-81	7	17	3
643-2-10	71	103	5	55	6	769	13	34859	183	15.3	0.8	-55	7	29	3
643-2-11	61	85	5	74	6	487	10	33978	185	16.1	0.8	-82	7	25	3
643-2-12	55	81	4	59	5	368	8	32167	166	18.3	0.8	-83	6	18	3
643-2-14	55	72	4	58	5	545	10	31271	161	17.5	0.7	-68	7	25	3
643-2-15	77	89	5	41	6	427	10	33363	196	13.8	0.9	-74	7	19	3

Sample ID	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-
643-2-16	67	93	5	47	6	494	11	36153	196	16.8	0.8	-76	7	21	3
643-2-17	79	100	5	48	6	718	12	34893	177	15.9	0.8	-51	7	15	3
643-2-18	62	79	4	58	5	753	12	27883	143	13.4	0.7	-55	6	11	2
643-2-19	67	75	5	55	5	339	8	30979	167	13.4	0.8	-58	7	12	3
643-2-20	36	54	3	58	5	409	8	22487	119	14.5	0.6	-65	6	20	3
643-2-21	75	90	5	44	6	628	12	31361	170	13.3	0.8	-52	7	24	3
643-2-22	66	80	5	40	5	627	11	32755	175	14.9	0.8	-62	7	23	3
643-2-23	60	79	4	51	5	533	10	30828	157	16.1	0.7	-78	6	15	3
643-2-24	84	91	6	60	6	1046	16	38008	208	15.7	0.9	-68	7	20	3
643-2-25	92	103	6	57	6	722	12	35744	185	15.3	0.8	-41	7	22	3
643-2-13	66	90	5	48	5	357	8	33082	169	16.5	0.8	-56	7	17	3
643-2-26	89	106	6	50	6	826	13	34762	184	14.6	0.8	-52	7	16	3
643-2-27	72	96	5	56	6	898	14	30866	166	15.3	0.8	-62	7	15	3
643-2-28	55	82	4	57	5	468	9	31537	158	18.3	0.7	-64	6	17	3
643-2-29	51	79	4	52	5	641	11	27572	144	16.6	0.7	-64	6	17	3
643-2-30	48	73	4	59	5	351	8	30202	154	18	0.7	-79	6	21	3
643-2-31	80	104	5	55	6	424	10	35144	187	16.7	0.8	-72	7	19	3
643-2-32	81	88	5	48	6	467	10	29262	161	14.4	0.7	-42	7	12	3
643-2-33	57	69	4	51	5	478	10	26888	151	13.5	0.7	-63	7	19	3
643-2-34	83	83	6	55	7	530	14	30952	217	12.3	1	-60	9	21	4
643-2-35	78	77	5	48	6	509	11	31471	188	15.8	0.8	-81	7	15	3
643-2-36	67	76	5	42	6	407	9	31697	167	16.5	0.8	-53	7	20	3
643-2-37	105	117	6	56	7	693	13	52841	288	23	1.1	-92	8	23	3
643-2-38	48	60	4	50	5	394	9	26679	142	15.9	0.7	-57	6	19	3
643-2-39	110	84	8	105	10	817	21	33645	324	10.1	1.3	-122	11	22	6
643-2-40	47	74	4	51	5	461	9	25204	131	14.7	0.6	-64	6	20	3
643-2-41	74	89	5	54	6	570	11	30184	161	14.2	0.7	-51	7	18	3
643-2-42	82	99	5	48	6	546	11	34089	178	15.6	0.8	-61	7	17	3
643-2-43	88	100	6	53	6	525	11	36817	194	15.9	0.8	-61	7	18	3
643-2-44	56	75	4	54	5	394	9	28480	153	16.9	0.7	-74	7	16	3
643-2-45	83	105	5	58	6	463	10	33725	174	15.7	0.8	-59	7	13	3
643-2-46	52	77	4	54	5	540	10	29233	160	14.9	0.7	-71	7	26	3

Sample ID	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-
643-2-47	44	69	4	67	5	431	9	23499	128	15.1	0.7	-62	6	17	3
643-2-48	53	86	4	45	5	781	12	32099	161	16	0.7	-68	6	19	3
643-2-49	78	76	6	51	7	525	12	29317	184	11.4	0.8	-74	7	15	3
643-2-50	54	79	4	55	5	416	9	26057	140	14.2	0.7	-52	7	20	3
643-2-51	54	66	4	45	5	385	9	26978	143	14.1	0.7	-49	7	19	3
643-2-52	81	97	5	53	6	503	10	33687	179	14.1	0.8	-48	7	11	3
643-2-53	66	79	5	42	6	663	13	27572	163	11.9	0.8	-55	7	16	3
643-2-54	53	73	4	44	5	386	8	24878	129	11.9	0.6	-21	6	20	3
643-2-55	55	69	4	52	5	404	9	25206	139	13.2	0.7	-59	6	17	3
643-2-56	47	71	4	65	6	435	10	24186	139	14.3	0.7	-65	7	11	3
643-2-57	61	59	4	56	5	386	9	24796	137	13.4	0.7	-61	6	25	3
643-2-58	48	77	4	46	5	449	9	26590	139	14.3	0.7	-61	6	20	3
643-2-59	59	81	4	47	5	627	11	27178	138	14.1	0.7	-60	6	14	2
643-2-60	57	90	5	53	5	482	10	29581	163	15.9	0.8	-63	7	18	3
643-2-61	90	90	6	43	6	800	13	31144	170	13.2	0.8	-45	7	12	3
643-2-62	57	89	5	47	5	1192	16	32425	171	15.5	0.8	-63	7	22	3
643-2-63	55	79	4	47	5	371	9	26529	143	14.9	0.7	-55	7	15	3
643-2-64	53	68	4	46	5	409	9	27108	142	14.9	0.7	-48	6	18	3
643-2-65	63	84	5	51	6	796	13	32779	174	14.7	0.8	-71	7	19	3
643-2-66	47	66	4	51	5	459	9	27159	143	16.1	0.7	-55	6	16	3
643-2-67	63	70	5	33	6	367	10	26814	157	12.2	0.7	-54	7	17	3
643-2-68	59	77	5	49	6	463	10	29285	160	17.2	0.8	-61	7	18	3
643-2-69	51	77	4	65	5	392	9	32350	163	17.6	0.7	-68	6	24	3
643-2-70	78	94	5	54	6	610	11	32161	168	14.2	0.7	-42	7	17	3
643-2-71	70	79	5	30	5	492	10	33022	174	14.5	0.8	-53	7	15	3
643-2-73	79	97	5	32	6	431	10	31255	168	14.1	0.8	-37	7	18	3
643-2-73	46	71	4	46	5	726	12	23154	127	13.2	0.7	-55	6	15	3
643-2-74	72	86	5	44	5	580	11	29638	154	14	0.7	-53	6	15	3
643-2-75	68	85	5	42	5	410	9	26674	148	13.1	0.7	-42	7	23	3
643-2-76	59	79	4	48	5	530	10	29822	157	17.1	0.7	-78	6	25	3
643-2-77	85	102	6	39	6	469	10	37776	196	16.9	0.8	-69	7	28	3
643-2-78	61	72	5	41	5	642	11	25940	141	13.6	0.7	-55	6	21	3

Sample ID	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-
643-2-79	79	104	5	41	5	601	11	34935	174	15.5	0.8	-49	7	21	3
643-2-80	57	72	4	55	5	592	11	31518	165	14.2	0.7	-71	6	19	3
643-2-81	82	102	6	39	6	457	10	32794	177	15	0.8	-59	7	23	3
643-3-01	44	54	4	47	6	448	12	20544	148	13.2	0.8	-66	8	14	4
643-3-02	100	96	6	29	7	545	12	35632	204	11	0.9	-31	8	23	3
643-3-03	70	76	5	51	6	664	13	30582	177	13	0.8	-67	7	18	3
643-3-04	91	107	6	48	7	487	11	39262	211	13.6	0.9	-25	7	18	3
643-3-05	85	91	5	27	5	304	8	23872	129	10.3	0.6	-25	6	11	3
643-3-06	50	72	4	60	5	371	8	30248	159	15.7	0.7	-64	7	21	3
643-3-07	43	64	4	55	5	358	8	26240	132	16.5	0.7	-75	6	20	3
643-3-08	61	79	4	56	5	386	8	32375	161	17.2	0.7	-63	6	16	3
643-3-09	52	75	4	54	5	549	10	29860	162	15.9	0.8	-67	7	16	3
643-3-10	39	55	3	55	5	505	9	22834	120	14.8	0.6	-56	6	17	3
643-3-11	50	64	4	54	5	347	8	26737	142	15.5	0.7	-73	6	22	3
643-3-12	48	67	4	60	5	346	8	27690	144	14.7	0.7	-62	6	16	3
643-3-13	59	75	5	55	6	395	9	22593	136	11.8	0.7	-64	7	18	3
643-3-14	36	56	3	57	5	309	7	21646	116	15	0.6	-52	6	17	3
643-3-15	53	75	4	43	5	346	8	28577	155	15.9	0.7	-70	7	18	3
643-3-16	72	77	5	51	6	755	14	24529	146	11.3	0.7	-52	7	19	3
643-3-17	63	74	5	51	5	1010	14	23901	129	11.3	0.6	-48	6	12	3
643-3-18	91	98	6	30	6	600	11	33102	165	17.5	0.7	-32	7	24	3
643-3-19	60	76	5	57	6	629	12	30981	174	14.7	0.8	-66	7	16	3
643-3-20	67	80	5	52	6	354	9	40709	215	14.1	0.9	-66	7	15	3
643-3-21	57	61	4	57	6	355	9	22029	131	11.4	0.7	-54	7	17	3
643-3-22	48	72	4	45	5	347	8	26716	141	16.3	0.7	-62	6	13	3
643-3-23	79	94	5	41	6	360	9	38328	208	16.7	0.9	-89	7	14	3
643-3-24	70	90	5	44	6	394	9	33275	177	13.3	0.8	-59	7	19	3
643-3-25	82	96	6	70	7	383	10	46367	249	18.9	1	-69	8	16	3
643-3-26	43	60	4	52	5	565	10	21354	113	10.3	0.6	-62	6	23	3
643-3-27	83	87	6	58	7	384	10	36507	210	17.5	0.9	-61	8	22	3
643-3-28	51	70	4	53	5	374	9	27973	153	16	0.7	-69	7	20	3
643-3-29	70	88	5	49	6	344	9	29102	168	12.3	0.8	-59	7	19	3

Sample ID	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-
643-3-30	28	50	3	54	4	391	8	21656	108	15.6	0.6	-68	6	31	3
643-3-31	72	85	5	37	6	349	9	25605	144	13.1	0.7	-43	7	12	3
643-3-32	51	56	4	48	5	426	10	20604	122	11.6	0.6	-61	7	15	3
643-3-33	24	28	3	35	4	484	10	6539	50	3.7	0.4	-14	6	32	3
643-3-34	29	43	3	47	4	383	8	17756	97	10.9	0.5	-58	6	25	3
643-3-35	39	60	4	65	6	372	10	22712	140	11.9	0.7	-70	7	22	3
643-3-36	49	77	4	46	5	475	10	33066	172	15.6	0.8	-61	7	20	3
643-3-37	72	100	5	60	6	1019	16	34995	195	16.4	0.8	-70	7	23	3
643-3-38	45	64	4	60	5	357	9	26993	150	14.4	0.7	-54	7	18	3
643-3-39	99	100	6	31	6	387	10	37750	214	16.5	0.9	-57	8	22	3
643-3-40	53	73	4	47	5	353	8	26022	138	13.3	0.7	-60	6	13	3
643-3-41	72	81	5	57	6	383	9	28496	154	13.2	0.7	-43	7	14	3
643-3-42	47	69	4	51	5	411	8	22392	120	13.7	0.6	-57	6	18	3
643-3-43	72	87	5	55	6	579	11	29180	154	13	0.7	-39	7	16	3
643-3-44	80	102	6	43	6	400	10	32548	180	14.8	0.8	-66	7	16	3
643-3-45	87	96	6	52	6	682	13	38152	209	16.6	0.9	-76	7	14	3
643-3-46	75	88	5	44	6	498	11	31209	177	14.3	0.8	-78	7	17	3
643-3-47	85	103	5	55	6	516	10	31168	163	16.1	0.7	-49	7	20	3
643-3-48	86	104	6	47	6	1297	18	37539	200	17.4	0.8	-60	7	22	3
643-3-49	81	85	6	83	7	491	11	32758	192	15.5	0.9	-67	7	18	3
643-3-50	81	111	6	64	6	658	12	39391	214	16.8	0.9	-75	7	23	3
643-3-50b	48	67	4	63	5	592	11	30631	163	18.7	0.8	-78	7	19	3
643-3-51	110	126	7	44	7	694	13	43029	231	15.5	0.9	-38	8	19	3
643-3-52	88	103	6	71	6	788	14	41852	222	19.7	0.9	-64	7	23	3
643-3-53	85	99	6	63	6	511	11	40384	220	18.1	0.9	-74	7	20	3
643-3-54	64	76	5	72	6	431	10	32419	177	17.1	0.8	-63	7	18	3
643-3-55	53	78	4	60	6	422	9	26073	148	15.6	0.7	-69	7	16	3
643-3-56	47	75	4	79	6	490	10	31860	177	19.8	0.8	-91	7	21	3
643-3-57	60	84	5	61	6	478	11	27414	168	16.4	0.8	-74	7	17	3
643-3-58	88	105	6	63	6	620	12	39932	208	19.4	0.9	-60	7	22	3
643-3-59	75	83	5	51	6	477	11	36192	200	17.3	0.9	-74	7	19	3
643-3-60	75	89	5	43	6	441	11	32020	188	16.3	0.8	-70	7	22	3

Sample ID	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-
643-3-61	48	71	4	57	5	427	9	28773	157	16.9	0.7	-84	7	17	3
643-3-62	81	101	5	59	6	447	10	32343	171	17.1	0.8	-61	7	16	3
643-3-63	53	72	4	43	5	552	10	25962	140	14.4	0.7	-61	6	20	3
643-3-64	47	68	4	57	5	477	10	25664	146	16.4	0.7	-76	7	19	3
643-3-65	69	84	5	44	5	427	9	28241	150	13.6	0.7	-46	7	21	3
643-3-67	69	85	5	33	5	404	9	28504	152	13.3	0.7	-46	7	18	3
643-3-70	48	70	4	58	5	384	9	26635	143	18.2	0.7	-95	6	20	3
643-3-68	75	79	6	41	7	516	12	32437	185	14.6	0.8	-50	7	50	3
643-3-69	60	95	5	47	6	2056	25	28164	152	9.1	0.7	-51	6	46	3
643-3-70	79	91	5	49	6	683	13	34560	185	13.4	0.8	-15	7	20	3
643-3-71	56	74	5	51	6	436	10	31216	172	15.8	0.8	-77	7	26	3
643-3-72	37	51	3	48	5	472	9	20686	115	10.8	0.6	-67	6	23	3
643-3-73	88	97	6	66	6	769	13	45221	235	23.3	0.9	-47	8	27	3
643-3-74	55	78	4	55	5	639	11	28110	144	14.6	0.7	-40	6	23	3
643-3-75	62	78	5	57	5	430	9	30054	162	15.9	0.8	-70	7	14	3
643-3-76	50	75	4	48	5	414	9	25559	133	14.5	0.7	-52	6	18	3
643-3-77	45	57	4	49	5	445	9	24064	128	14.3	0.6	-68	6	18	3
643-3-78	76	85	5	44	6	458	10	31082	170	12.6	0.8	-43	7	14	3
643-3-79	44	60	4	52	5	378	8	23543	127	15.1	0.7	-66	6	21	3
643-3-80	53	73	4	54	5	1020	15	27553	146	14.2	0.7	-59	6	11	3
streamsample	91	107	6	78	6	771	12	36063	180	15.5	0.8	-32	7	26	3
streamsample1	161	281	65	30	21	692	24	32468	232	15.2	1	-34	9	27	4
Rock samples															
Rock 3T core	7	7.7	1.5	13	3	4780	47	3835	35	1.3	0.3	8	6	1015	10
Rock 3T core2	6	7	1.2	10	3	454	8	418	10	0.4	0.1	8	5	24	2
Rock 3T outcrop	12	23.9	1.8	7	3	115	5	822	14	0.5	0.1	5	5	10	2
Rock 1	49	105	6	17	7	637	15	39843	265	10.5	1	-29	9	154	6
Rock 1b	79	121	7	25	9	944	21	64611	444	19.1	1.4	-85	11	146	6
Rock 2	132	53	7	12	8	702	15	84065	451	30.1	1.3	-115	9	25	3
Rock 3	12	22	2	19	4	340	8	15101	90	3.8	0.5	-6	6	228	5

Sample ID	Ti +/-	V	V +/-	Cr	Cr +/-	Mn	Mn +/-	Fe	Fe +/-	Co	Co +/-	Ni	Ni +/-	Cu	Cu +/-
Rock 3b	13	14	2	19	4	677	11	11336	70	4.8	0.4	-8	6	53	3
Rock 3c	12	20.4	2	0	3	203	6	9784	62	4.7	0.4	-5	6	68	3
Rock 3d	21	25	3	27	5	217	7	25857	139	13.1	0.7	-33	7	69	3
Rock 4	50	68	5	30	8	2382	35	57844	345	17.8	1.2	-42	9	33	4
Rock 5	91	154	7	50	8	3564	47	55578	321	21.1	1.1	-46	9	25	3
Rock 5b	118	151	8	88	9	1348	22	90357	517	35.4	1.5	-92	10	26	4
Rock Kurts rock	94	117	7	42	8	2870	41	57906	354	18.1	1.2	-60	9	273	7

Sample ID	Zn	Zn +/-	As	As +/-	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Y	Y +/-	Zr	Zr +/-	Mo	Mo +/-
Soil samples																
643-1-001	120	3	6.4	1.2	0.3	0.6	57.2	1.2	316	5	15.6	1.1	235	5	1.6	1.2
643-1-002	102	3	10.5	1.1	-0.1	0.6	27.8	1	247	4	17.3	1	138	3	-1.8	1.1
643-1-003	89	3	15.3	1.4	0.3	0.7	40.4	1.2	254	5	16.5	1.2	160	4	1.9	1.3
643-1-004	102	3	5.4	1.1	1.1	0.6	55.2	1.1	242	4	13.4	1	209	4	-1.2	1
643-1-005	100	3	5.3	1.1	-0.6	0.6	47.6	1.2	216	4	12	1	217	4	1.7	1.2
643-1-006	66	2	3.9	1.1	-0.1	0.6	58	1.2	316	5	15.5	1	226	4	1.1	1.1
643-1-007	112	3	5.2	1.1	-0.2	0.6	40.6	1	231	4	17	1	205	4	-0.2	1.1
643-1-008	90	3	6.7	1.2	-0.2	0.6	51.6	1.2	273	5	14.1	1	229	4	0.5	1.1
643-1-009	126	3	5.8	1.1	0.3	0.6	49.5	1.1	229	4	19.1	1.1	193	4	2.1	1.1
643-1-012	70	2	4.8	1.1	-0.1	0.6	48.2	1.1	294	5	14.7	1	269	5	0.6	1.2
643-1-012b	79	3	5.6	1.2	0.6	0.6	55.5	1.2	332	6	16.4	1.1	303	6	0.8	1.3
643-1-013	134	4	3.8	1.3	-0.2	0.7	34.5	1.2	260	5	10.9	1	148	4	0.6	1.2
643-1-014	54	2	6.1	1.1	-0.3	0.6	43.3	1.1	289	5	14.3	1	241	4	-1.1	1.1
643-1-015	84	3	4.3	1.1	-0.9	0.6	48.1	1.1	287	5	19.4	1.1	263	5	0.3	1.2
643-1-017	66	3	5	1.4	-0.1	0.8	61.5	1.6	246	6	19.8	1.5	183	5	1.8	1.4
643-1-018	476	6	2.2	1.1	-0.6	0.6	108.1	1.6	110	3	34.5	1.5	134	3	1.6	1.1
643-1-019	143	3	7.4	1.2	-0.7	0.6	149.1	1.9	139	3	37.3	1.7	189	4	2.8	1.2
643-1-020	139	3	6	1.2	0.2	0.7	96.5	1.6	147	3	33.3	1.6	185	4	4.2	1.3
643-1-020b	164	4	5.8	1.3	-0.8	0.7	100.4	1.6	217	4	35	1.6	205	5	2.3	1.3
643-1-021	89	3	5.3	1.2	-1.4	0.6	55.7	1.3	186	4	28	1.4	164	4	1.8	1.2
643-1-022	149	3	5.4	1.1	0.3	0.6	69	1.3	224	4	19	1.1	225	4	1	1.1
643-1-023	137	3	15.8	1.2	-1.2	0.6	55.4	1.2	289	5	17.1	1.1	234	4	2.2	1.2
643-1-024	136	3	6.4	1.1	0.2	0.6	61.6	1.2	277	5	16.1	1.1	248	5	2.4	1.2
643-1-025	103	3	3.2	1.1	-0.8	0.6	53.5	1.2	253	5	16.4	1.1	224	4	2.9	1.2
643-1-026	99	3	4.3	1.1	-0.5	0.6	52.8	1.2	286	5	15.4	1	252	5	0.4	1.2
643-1-027	107	3	3.6	1	0.1	0.6	54.6	1.1	245	4	26.6	1.2	225	4	0.2	1.1
643-1-028	62	2	4.6	1.1	0.5	0.6	59.2	1.2	318	5	15.7	1	285	5	0.3	1.2
643-1-029	90	3	5.4	1.1	-0.6	0.6	54.4	1.2	261	5	15.9	1.1	252	5	0.7	1.2
643-1-030	116	3	2.6	1.1	0.2	0.6	57.3	1.2	279	5	15.7	1.1	225	4	1.7	1.1
643-1-031	111	3	4.1	1.3	-0.8	0.7	48.4	1.3	321	7	17	1.3	299	6	-0.6	1.4
643-1-032	135	3	4.9	1.1	-1	0.6	45.1	1.1	300	5	17.8	1.1	281	5	2.5	1.3

Sample ID	Zn	Zn +/-	As	As +/-	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Y	Y +/-	Zr	Zr +/-	Mo	Mo +/-
643-1-033	105	3	5.9	1.1	-0.1	0.6	63.8	1.2	277	5	18.5	1.1	231	4	0.6	1.1
643-1-034	56	2	7.9	1.1	-0.6	0.6	61.6	1.2	285	5	20.4	1.2	244	5	2.2	1.2
643-1-035	74	2	4.1	1.1	0.5	0.6	60.2	1.2	254	4	16.4	1.1	227	4	1	1.1
643-1-036	148	3	6.1	1.1	-0.9	0.6	62.1	1.2	243	4	18.7	1.1	220	4	1	1.1
643-1-037	111	3	3	1.1	-0.2	0.6	65.3	1.3	282	5	16.2	1.1	249	5	0.9	1.2
643-1-038	117	3	3.3	1	0.3	0.6	57.9	1.2	274	5	17.9	1.1	243	4	0	1.1
643-1-039	99	3	6.3	1.1	-0.3	0.6	49.8	1.1	250	4	12	1	216	4	1.7	1.1
643-1-040	80	3	5.3	1.1	-0.7	0.6	53.7	1.2	209	4	12.2	1	214	4	-1.7	1.1
643-1-040b	91	3	5.4	1.2	0.7	0.6	56.1	1.2	219	4	14.9	1.1	229	5	2.8	1.2
643-1-041	137	3	4.7	1.1	-0.5	0.6	50.2	1.1	242	4	13.2	1	225	4	2.2	1.2
643-1-042	109	3	8.7	1.2	-0.4	0.6	55.5	1.2	266	5	17.7	1.2	271	5	1	1.3
643-1-043	97	3	6.9	1.1	-0.1	0.6	51.3	1.1	251	5	14	1	221	4	0.1	1.2
643-1-044	71	3	5.9	1.2	-1	0.6	59.4	1.3	305	6	18.9	1.2	241	5	2.4	1.3
643-1-045	123	3	5	1.1	-1.5	0.5	60.4	1.2	323	5	25.2	1.2	250	5	2.3	1.2
643-1-046	116	3	6.2	1.2	-0.2	0.6	59.8	1.3	327	6	22.2	1.3	296	6	3.1	1.3
643-1-047	89	3	4	1.1	-0.8	0.6	51.2	1.1	266	5	16	1	222	4	2.4	1.1
643-1-048	105	3	3.9	1.1	-0.3	0.6	59	1.2	325	5	21.8	1.1	249	5	0.5	1.1
643-1-049	101	3	5.1	1.1	-0.2	0.6	51.5	1.1	259	5	22.1	1.1	214	4	1.3	1.1
643-1-050	86	3	4.1	1.1	-0.8	0.6	52	1.2	332	6	18	1.1	271	5	1.1	1.2
643-1-050b	83	3	5.9	1.1	-1.3	0.6	52.9	1.2	324	5	19.3	1.1	245	5	1.8	1.2
643-1-051	95	3	6.4	1.2	-0.5	0.6	61	1.3	325	6	19.6	1.2	255	5	3.8	1.3
643-1-052	140	3	5.9	1.1	-0.1	0.6	54.2	1.2	284	5	15.5	1.1	216	4	1.8	1.2
643-1-053	114	3	4.6	1.1	0.5	0.6	54.2	1.1	299	5	14.7	1	234	4	0.8	1.1
643-1-054	108	3	5.5	1.1	0	0.6	47.9	1.1	277	5	13.4	1	210	4	0.7	1.1
643-1-055	158	3	4.9	1	-0.2	0.5	61.4	1.2	271	5	14.5	1	236	4	0.1	1.1
643-1-056	135	4	2.9	1.3	-0.7	0.7	43.1	1.3	298	6	14.2	1.2	279	6	4.9	1.5
643-1-057	94	2	3.9	1	-0.4	0.6	46.3	1	276	4	15.6	1	220	4	-0.9	1.1
643-1-058	155	3	4.7	1.1	-0.3	0.6	45.1	1.1	307	5	17.2	1.1	274	5	0	1.2
643-1-059	130	3	6	1.2	-0.9	0.6	49.1	1.2	306	5	16	1.1	288	5	1	1.3
643-1-060	107	3	6.9	1.1	-0.8	0.6	49.6	1.1	269	5	15.8	1.1	213	4	0.4	1.2
643-1-061	124	3	6.3	1.1	-1.1	0.6	44.9	1.1	261	5	13.1	1	228	4	2	1.2
643-1-063	117	3	1.9	1	-0.2	0.6	39.9	1	343	5	18	1	260	5	-0.4	1.1

Sample ID	Zn	Zn +/-	As	As +/-	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Y	Y +/-	Zr	Zr +/-	Mo	Mo +/-
643-1-064	85	3	7.7	1.1	-0.3	0.6	47.4	1.1	275	5	14.3	1.1	250	5	2	1.2
643-1-065	128	3	4.6	1.1	-1.3	0.6	51	1.2	252	5	15.3	1.1	252	5	2.3	1.2
643-1-066	86	3	3.2	1.1	0	0.6	51.5	1.2	323	6	16.6	1.1	214	4	1.6	1.2
643-1-070	172	4	5.6	1.1	-1	0.6	53.5	1.2	264	5	15.8	1.1	242	5	1.7	1.2
643-1-069	176	4	6.5	1.1	1.2	0.6	55.5	1.2	270	5	15.7	1.1	223	4	2.2	1.1
643-1-070	164	3	5.8	1.1	-0.1	0.6	61.2	1.2	270	5	16.1	1.1	247	5	-0.9	1.1
643-1-071	111	3	4.6	1.2	-0.6	0.6	53.2	1.2	242	4	14	1	200	4	1	1.1
643-1-072	97	3	6.1	1.2	-0.8	0.6	62.4	1.2	279	5	16.2	1.1	256	5	-0.1	1.2
643-1-073	64	2	9.6	1.1	-1	0.6	47.6	1.2	254	5	13.1	1.1	207	4	2.2	1.2
643-1-074	67	3	7.3	1.3	-1.1	0.6	51.1	1.3	255	5	15.7	1.2	199	5	3	1.3
643-1-075	53	2	5.2	1.1	-0.5	0.6	53.1	1.2	291	5	20.6	1.1	183	4	1.8	1.1
643-1-076	100	3	4.8	1.1	-0.1	0.6	54	1.2	291	5	15.7	1.1	250	5	-0.2	1.2
643-1-077	143	3	7.2	1.1	-0.3	0.6	52.6	1.1	250	4	14.5	1	224	4	2.8	1.1
643-1-079	79	2	4.5	1.1	-0.6	0.6	50.1	1.1	312	5	13.7	1	208	4	0.4	1.1
643-1-080	59	2	5.3	1	-0.2	0.6	33.6	1	350	6	26.1	1.1	147	3	0.4	1.1
643-1-080b	67	2	4.2	1	1.1	0.6	35.4	1	349	6	25.7	1.2	152	3	1.1	1.1
643-1-082	83	3	5.5	1.1	0	0.6	48.3	1.1	305	5	14.9	1	196	4	1.9	1.1
643-2-01	74	3	7	1.2	-0.9	0.6	49.9	1.2	245	5	17.5	1.2	209	4	2.2	1.2
643-2-01	104	3	3.9	1.1	-0.3	0.6	45.6	1.1	264	4	15.8	1	248	4	0.1	1.1
643-2-01	82	2	5.6	1.1	-1.3	0.5	50.6	1.1	243	4	16.1	1	205	4	0.6	1.1
643-2-03	77	2	4.3	1.1	-0.8	0.6	39.8	1.1	273	5	14.9	1	219	4	3	1.2
643-2-04	65	2	9	1.1	-0.5	0.6	46.6	1.1	364	6	20.1	1.1	259	5	1.1	1.2
643-2-05	177	4	5.3	1.2	-1.3	0.6	61.2	1.3	214	4	19.9	1.2	245	5	2.2	1.2
643-2-06	132	3	7.2	1.1	-0.6	0.5	49.9	1.1	276	4	17.1	1	256	4	0.3	1.1
643-2-07	61	2	7.5	1.1	0.4	0.6	61.5	1.2	242	4	27.9	1.2	189	4	0.9	1.1
643-2-08	50	2	5.2	1.1	0	0.6	49.7	1.1	343	5	20.8	1.1	234	4	1.4	1.1
643-2-09	53	2	6.8	1.1	-0.6	0.6	37.7	1.1	338	6	15.3	1	243	5	1.1	1.2
643-2-10	55	2	5.4	1.1	0.3	0.6	43	1.1	369	6	24.5	1.2	241	5	0.4	1.2
643-2-11	69	2	7.4	1.2	-0.4	0.6	59.9	1.3	345	6	23.1	1.3	238	5	1.1	1.2
643-2-12	71	2	6	1.1	-0.1	0.6	49.6	1.1	329	5	16.7	1	239	5	1.6	1.1
643-2-14	66	2	5	1.1	-0.4	0.6	54.3	1.1	317	5	17.2	1.1	224	4	0.2	1.1
643-2-15	79	3	8.3	1.3	-1.3	0.6	54.7	1.3	293	6	15.3	1.2	197	5	3.1	1.3

Sample ID	Zn	Zn +/-	As	As +/-	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Y	Y +/-	Zr	Zr +/-	Mo	Mo +/-
643-2-16	65	2	6.4	1.2	-0.7	0.6	64.8	1.3	314	6	19.3	1.2	221	5	3.9	1.2
643-2-17	151	3	5.9	1.1	-0.3	0.6	60.5	1.2	295	5	15.9	1.1	242	4	1.2	1.1
643-2-18	118	3	6.8	1	0.3	0.6	52.5	1.1	271	5	15.8	1	230	4	0.6	1.1
643-2-19	75	2	7.6	1.1	0	0.6	44.7	1.1	304	5	15.4	1.1	225	4	2.3	1.2
643-2-20	69	2	3.6	1	-1.4	0.5	45	1	304	5	16.1	1	208	4	1.4	1.1
643-2-21	95	3	5.8	1.2	-0.7	0.6	53.3	1.2	332	6	19.5	1.1	217	4	2	1.2
643-2-22	57	2	6.4	1.1	0.7	0.6	40.2	1.1	332	6	18.6	1.1	251	5	1.4	1.2
643-2-23	118	3	6.6	1.1	-1	0.5	48	1.1	244	4	12.2	0.9	223	4	2.5	1.1
643-2-24	107	3	5.9	1.2	-0.3	0.6	44.1	1.1	261	5	17.6	1.1	244	5	-0.4	1.2
643-2-25	86	3	5.4	1.1	-0.9	0.6	50.9	1.1	275	5	15.5	1	281	5	0.2	1.2
643-2-13	62	2	6.6	1.1	0.2	0.6	52	1.1	312	5	16.4	1	230	4	0.1	1.1
643-2-26	92	3	3.7	1.1	-1	0.6	47	1.1	292	5	16.5	1.1	265	5	2.1	1.2
643-2-27	98	3	4.9	1.1	-0.7	0.6	46.8	1.1	318	5	16.7	1.1	248	5	2.3	1.2
643-2-28	76	2	5.5	1.1	-0.8	0.5	42.1	1	283	5	14.5	0.9	238	4	-0.9	1.1
643-2-29	74	2	3.8	1.1	-0.9	0.5	46.2	1.1	285	5	14.7	1	232	4	2.8	1.1
643-2-30	84	2	5.6	1	-0.7	0.5	38.3	1	269	5	13.5	0.9	261	5	1.3	1.1
643-2-31	57	2	8.5	1.2	-0.2	0.6	49.4	1.2	344	6	17.3	1.1	256	5	1.6	1.2
643-2-32	54	2	8.7	1.2	0.1	0.6	47.7	1.2	374	6	17.9	1.1	276	5	0.1	1.2
643-2-33	53	2	5.5	1.1	-1.1	0.6	40.6	1.1	345	6	16.3	1.1	251	5	0.5	1.2
643-2-34	57	3	8.3	1.5	-0.3	0.8	47.2	1.5	343	8	22.4	1.6	247	6	6.5	1.7
643-2-35	73	3	5.9	1.2	-0.2	0.7	48.7	1.3	333	6	18.1	1.2	246	5	1	1.3
643-2-36	123	3	2.1	1	-0.2	0.6	44.2	1.1	301	5	17.1	1.1	279	5	3.1	1.2
643-2-37	105	3	6.1	1.2	-0.4	0.7	53.3	1.3	384	7	28.5	1.4	444	8	2.7	1.5
643-2-38	63	2	4	1.1	-0.3	0.6	46.5	1.1	279	5	14.2	1	234	4	3.4	1.2
643-2-39	141	6	8	2	-1.2	1.1	43.6	2	198	7	11	1.7	179	7	3	2
643-2-40	91	3	6.3	1	0.6	0.6	43.6	1	270	4	14.7	0.9	230	4	0.2	1.1
643-2-41	87	3	4.2	1.1	0.2	0.6	48.4	1.1	307	5	18	1.1	240	5	4.1	1.2
643-2-42	82	3	6.2	1.1	-0.4	0.6	51	1.1	289	5	15.4	1	256	5	-0.2	1.1
643-2-43	86	3	5.1	1.1	-0.6	0.6	51	1.1	340	6	21.5	1.2	275	5	0	1.2
643-2-44	67	2	6.6	1.1	0.3	0.6	42.9	1.1	342	6	15.5	1	234	5	2.4	1.2
643-2-45	60	2	2.6	1.1	-0.7	0.6	52	1.1	322	5	16.1	1	295	5	0.2	1.2
643-2-46	62	2	6.5	1.1	-0.6	0.6	49	1.2	327	6	26.3	1.3	248	5	1.6	1.2

Sample ID	Zn	Zn +/-	As	As +/-	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Y	Y +/-	Zr	Zr +/-	Mo	Mo +/-
643-2-47	100	3	5.4	1.1	-0.5	0.6	47.6	1.1	285	5	16.7	1.1	238	5	2.1	1.2
643-2-48	111	3	4.4	1	-0.3	0.6	63.1	1.2	253	4	14.9	1	220	4	0.7	1.1
643-2-49	85	3	4.9	1.3	0.1	0.7	60.7	1.4	255	5	17.8	1.3	230	5	2.5	1.4
643-2-50	60	2	1.7	1.1	-0.7	0.6	54.1	1.2	280	5	16.5	1.1	241	5	2.7	1.2
643-2-51	85	3	5.1	1.1	0.8	0.6	53	1.1	285	5	15.3	1	251	5	0.9	1.1
643-2-52	60	2	4.8	1.1	0	0.6	56.2	1.2	295	5	16.6	1.1	248	5	0.1	1.2
643-2-53	73	3	5.2	1.2	-0.7	0.7	61.2	1.3	290	6	12.8	1.1	231	5	1	1.3
643-2-54	52	2	4.9	1	-0.3	0.5	55.4	1.1	276	5	23.9	1.1	255	4	2.2	1.1
643-2-55	83	3	6.3	1.1	-0.5	0.6	58.9	1.2	285	5	14	1	219	4	0.5	1.2
643-2-56	93	3	3.9	1.1	-0.8	0.6	51.9	1.2	235	5	14.4	1.1	230	5	1.1	1.2
643-2-57	61	2	5.4	1.1	-0.3	0.6	61.8	1.2	248	4	15.8	1.1	236	5	3	1.2
643-2-58	114	3	4.7	1	-0.7	0.6	62.1	1.2	238	4	16.4	1	214	4	0.6	1.1
643-2-59	173	3	3.8	1	-1.4	0.5	52	1.1	265	4	15.8	1	243	4	-0.7	1.1
643-2-60	156	3	5.5	1.1	-0.8	0.6	64.8	1.3	258	5	15.2	1.1	218	4	2.3	1.2
643-2-61	128	3	4.5	1.1	-0.1	0.6	64.1	1.3	284	5	16.3	1.1	251	5	3.6	1.2
643-2-62	185	4	4.9	1.1	-0.9	0.6	64	1.2	257	5	16.7	1.1	223	4	2.2	1.2
643-2-63	92	3	4.5	1.1	0.2	0.6	60.4	1.2	275	5	15.6	1.1	243	5	0.9	1.2
643-2-64	119	3	5	1	-0.3	0.6	58.5	1.2	274	5	15.3	1	221	4	2	1.1
643-2-65	119	3	7	1.2	-1.2	0.6	58.8	1.2	231	4	19.6	1.1	218	4	3	1.2
643-2-66	67	2	5.9	1.1	-0.4	0.6	51.1	1.1	249	4	13.5	1	197	4	0.6	1.1
643-2-67	68	3	5.3	1.2	0	0.6	52.6	1.2	237	5	15.8	1.1	200	4	0.6	1.2
643-2-68	83	3	5.6	1.1	0.2	0.6	49.1	1.2	266	5	14	1	235	5	1.4	1.2
643-2-69	85	2	6.6	1.1	-0.9	0.5	50.1	1.1	249	4	14.2	1	216	4	1.4	1.1
643-2-70	90	3	6.5	1.1	0	0.6	62	1.2	288	5	16.9	1.1	255	5	1	1.2
643-2-71	65	2	8.6	1.1	-0.2	0.6	57.1	1.2	301	5	14.1	1	238	5	1.8	1.2
643-2-73	116	3	4.6	1.1	-0.7	0.6	55.3	1.2	277	5	19.5	1.1	248	5	1.5	1.2
643-2-73	117	3	3.9	1	-1.3	0.6	55.1	1.2	262	5	16.4	1.1	216	4	0.9	1.1
643-2-74	133	3	5.2	1.1	-0.7	0.6	58.9	1.2	278	5	17.4	1.1	237	4	-0.6	1.1
643-2-75	90	3	5.1	1.1	-1.4	0.6	50.1	1.2	268	5	16.9	1.1	223	4	1.9	1.2
643-2-76	89	3	4.4	1.1	-0.5	0.6	50	1.1	238	4	15.8	1	208	4	1.2	1.1
643-2-77	80	3	7.6	1.1	-0.3	0.6	59.3	1.2	255	5	18.3	1.1	244	5	1.6	1.2
643-2-78	88	3	4.8	1.1	-0.7	0.6	63.8	1.2	237	4	16.4	1.1	248	5	1.2	1.2

Sample ID	Zn	Zn +/-	As	As +/-	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Y	Y +/-	Zr	Zr +/-	Mo	Mo +/-
643-2-79	90	3	3.4	1.1	0.2	0.6	58.9	1.1	292	5	14.3	1	267	5	2	1.1
643-2-80	56	2	5.6	1.1	-0.5	0.6	59	1.2	281	5	24.2	1.2	192	4	3	1.1
643-2-81	74	2	6.7	1.2	0.5	0.6	50	1.2	270	5	15.9	1.1	249	5	2.3	1.2
643-3-01	93	3	9.2	1.4	-0.9	0.8	57.3	1.5	240	6	18.6	1.4	200	5	3.4	1.5
643-3-02	69	3	6.8	1.2	0.1	0.7	79.9	1.5	299	6	21.9	1.4	251	5	0.7	1.3
643-3-03	113	3	8.8	1.2	-0.4	0.6	64.6	1.4	295	6	21.6	1.3	221	5	1.7	1.3
643-3-04	59	2	5.5	1.2	-0.1	0.6	61.6	1.3	322	6	19.3	1.2	237	5	-0.3	1.2
643-3-05	64	2	3.7	1.1	0.1	0.6	56.4	1.2	328	5	17.9	1.1	276	5	0.7	1.2
643-3-06	112	3	7.3	1.1	-1.1	0.6	53.5	1.2	253	4	16.6	1.1	246	5	-0.1	1.2
643-3-07	113	3	4.8	1	-0.1	0.5	46.7	1	240	4	13.8	0.9	234	4	-0.9	1.1
643-3-08	93	3	7.3	1.1	-0.2	0.6	55.7	1.1	272	4	17.4	1	237	4	-1	1.1
643-3-09	99	3	7.2	1.2	-1	0.6	56.8	1.2	265	5	15.4	1.1	224	4	-0.5	1.1
643-3-10	100	3	5.3	1.1	-0.1	0.6	52	1.1	230	4	15.3	1	197	4	0	1
643-3-11	115	3	7.8	1.1	-0.7	0.6	55.5	1.2	255	4	15.3	1	208	4	2	1.1
643-3-12	150	3	5	1.1	0.4	0.6	55.2	1.1	241	4	17.3	1	212	4	1	1.1
643-3-13	108	3	6.8	1.2	-1.2	0.6	51.9	1.3	273	5	15	1.1	214	5	2.1	1.3
643-3-14	102	3	5.2	1	-0.6	0.5	52.3	1.1	230	4	15	1	226	4	-0.3	1.1
643-3-15	99	3	2.4	1.1	-1	0.6	44.3	1.1	245	4	15.3	1	214	4	0.3	1.1
643-3-16	100	3	6.6	1.2	-1	0.6	56.2	1.3	295	6	17.6	1.2	230	5	2.5	1.3
643-3-17	107	3	4.6	1.1	0.2	0.6	61.3	1.2	273	5	17.6	1.1	243	4	2.3	1.1
643-3-18	94	3	13.8	1.2	1	0.6	39.2	1	279	5	15.6	0.9	221	4	-0.2	1.1
643-3-19	121	3	4	1.2	-1.1	0.6	51.3	1.2	399	7	19.4	1.2	233	5	1.2	1.3
643-3-20	146	3	7.6	1.2	0	0.6	58.9	1.2	240	4	17.9	1.1	222	4	0.5	1.2
643-3-21	53	2	5.2	1.2	-0.9	0.6	61.8	1.3	264	5	16.5	1.1	195	4	3	1.2
643-3-22	58	2	4.8	1.1	0.2	0.6	57.9	1.2	286	5	13.2	1	209	4	1.5	1.1
643-3-23	97	3	5.8	1.2	-0.1	0.6	56.3	1.2	296	5	15.9	1.1	228	5	2.9	1.2
643-3-24	160	3	7.3	1.2	0.1	0.6	63.7	1.3	300	5	22.5	1.2	231	5	2.2	1.2
643-3-25	124	3	9.7	1.3	-0.1	0.6	52	1.2	306	5	15.1	1.1	217	4	-0.3	1.2
643-3-26	122	3	3.7	1	-1.2	0.5	38.6	1	223	4	15.7	0.9	165	3	0.6	1
643-3-27	71	3	7.3	1.3	-0.9	0.7	51.3	1.3	245	5	16.5	1.2	225	5	-0.7	1.2
643-3-28	109	3	5.5	1.2	-0.2	0.6	61.2	1.3	309	5	20.3	1.1	200	4	-1	1.1
643-3-29	53	2	7.3	1.2	0.3	0.7	57.1	1.3	341	6	16.7	1.2	224	5	4.1	1.3

Sample ID	Zn	Zn +/-	As	As +/-	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Y	Y +/-	Zr	Zr +/-	Mo	Mo +/-
643-3-30	74	2	2	0.9	0.9	0.5	41.2	1	246	4	22.9	1	170	3	-0.5	0.9
643-3-31	55	2	4.3	1.1	0.3	0.6	52.9	1.2	299	5	14.6	1.1	222	4	0.1	1.2
643-3-32	50	2	5.3	1.1	-0.1	0.6	49.4	1.2	275	5	14	1.1	192	4	3.4	1.2
643-3-33	36	1.9	1.7	1	0.8	0.6	24	1	384	6	16.8	1	122	3	0	1.1
643-3-34	53	2	4.2	1	-0.8	0.5	35.7	1	237	4	15.1	0.9	154	3	0.4	1
643-3-35	72	3	6.9	1.2	0.3	0.7	56.1	1.3	234	5	15	1.2	175	4	2.4	1.3
643-3-36	124	3	6.3	1.1	-0.6	0.6	62.8	1.2	223	4	14.5	1	211	4	1.6	1.1
643-3-37	155	4	8.2	1.2	-0.6	0.6	64.6	1.3	276	5	26.4	1.4	218	5	1.4	1.2
643-3-38	81	3	8.6	1.2	-0.5	0.6	63.9	1.3	238	4	17.6	1.1	191	4	1	1.1
643-3-39	102	3	5.8	1.3	0.1	0.7	67.8	1.4	313	6	19.3	1.3	256	5	2.5	1.3
643-3-40	63	2	5.5	1.1	0	0.6	56.9	1.2	286	5	16.6	1.1	225	4	2.8	1.1
643-3-41	89	3	6.7	1.1	-0.3	0.6	57.7	1.2	289	5	16.8	1.1	241	5	1.3	1.2
643-3-42	78	2	4.7	1.1	0.4	0.6	52.4	1.1	268	5	15.2	1	236	4	1.2	1.1
643-3-43	125	3	4.4	1.1	-1.1	0.6	56.3	1.2	289	5	19	1.1	239	5	2	1.2
643-3-44	63	2	3.8	1.1	-0.9	0.6	52.4	1.2	306	5	15.9	1.1	262	5	1.7	1.2
643-3-45	104	3	5.7	1.2	-0.7	0.6	56.1	1.3	308	6	19.6	1.2	268	5	1.7	1.3
643-3-46	74	3	5.8	1.2	-0.3	0.6	54.7	1.3	287	5	15.7	1.2	237	5	3.2	1.3
643-3-47	68	2	7.5	1.1	-1.5	0.6	55.6	1.2	336	6	20.1	1.1	271	5	1.9	1.2
643-3-48	82	3	5.4	1.2	-0.6	0.6	50.1	1.2	318	5	19.9	1.1	272	5	0.8	1.2
643-3-49	86	3	6.7	1.2	-1	0.7	48.7	1.2	289	6	17.3	1.2	246	5	3.2	1.3
643-3-50	73	3	6.6	1.2	-0.1	0.6	50.7	1.2	370	6	21.9	1.2	250	5	0.7	1.3
643-3-50b	95	3	5.3	1.1	-0.5	0.6	48.8	1.1	315	5	16	1.1	231	5	2	1.2
643-3-51	59	2	6.5	1.2	-0.3	0.6	46.8	1.2	391	7	19	1.1	282	5	-0.6	1.2
643-3-52	74	3	6.3	1.2	-0.2	0.6	54.6	1.2	374	6	19.3	1.2	288	5	1.5	1.3
643-3-53	73	3	7.4	1.2	-0.9	0.6	47.4	1.2	375	6	22.3	1.2	282	5	3.3	1.3
643-3-54	57	2	4	1.2	-1	0.6	48	1.2	362	6	20.1	1.2	277	5	-0.8	1.3
643-3-55	68	2	5.8	1.1	-0.5	0.6	43.6	1.1	340	6	18.1	1.2	253	5	4	1.3
643-3-56	78	3	4.3	1.2	-0.1	0.6	48.8	1.2	331	6	18.1	1.2	262	5	2.5	1.3
643-3-57	53	2	5.1	1.3	-1.3	0.7	39.4	1.2	330	6	15.2	1.2	223	5	3.4	1.3
643-3-58	63	2	6.8	1.2	-0.9	0.6	52.5	1.2	387	6	21.8	1.2	279	5	0.1	1.2
643-3-59	61	2	5.5	1.2	-0.2	0.7	43.6	1.2	394	7	22.6	1.2	256	5	2.1	1.3
643-3-60	58	2	9.2	1.3	-0.1	0.7	49.4	1.3	332	6	24.9	1.3	249	5	2.1	1.3

Sample ID	Zn	Zn +/-	As	As +/-	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Y	Y +/-	Zr	Zr +/-	Mo	Mo +/-
643-3-61	71	2	4.6	1.1	0.5	0.6	36.8	1.1	326	6	16.9	1.1	238	5	1.9	1.2
643-3-62	57	2	5.4	1.1	-0.2	0.6	45.5	1.1	378	6	15.7	1.1	267	5	-2.3	1.2
643-3-63	59	2	6.1	1.2	0.2	0.6	55.1	1.2	264	5	15.3	1	227	4	-0.4	1.1
643-3-64	77	3	3.1	1.2	-0.5	0.6	42.7	1.1	303	5	15	1.1	246	5	5.8	1.3
643-3-65	57	2	2.8	1.1	-0.1	0.6	57.9	1.2	295	5	16.5	1.1	240	5	-0.5	1.1
643-3-67	56	2	4.1	1.1	-0.6	0.6	56.2	1.2	291	5	17.8	1.1	244	5	0.3	1.1
643-3-70	103	3	5.5	1.1	-0.4	0.6	39.6	1.1	272	5	15.2	1	230	4	2.6	1.2
643-3-68	55	2	6.5	1.2	0.2	0.7	50.5	1.2	332	6	25.8	1.3	238	5	-0.5	1.3
643-3-69	181	4	5.3	1.1	0.5	0.6	42.8	1.1	325	6	27	1.2	198	4	0.7	1.1
643-3-70	61	2	6.9	1.1	0.7	0.6	59.7	1.2	307	5	19.5	1.2	251	5	1.5	1.2
643-3-71	60	2	8.3	1.2	1	0.6	46.8	1.2	308	5	21.6	1.2	233	5	-0.5	1.2
643-3-72	70	2	5.4	1.1	-0.9	0.6	37.3	1	312	5	16.9	1	160	4	1	1.1
643-3-73	101	3	9.9	1.3	0.1	0.6	40	1.1	356	6	18.1	1.1	181	4	-1.9	1.1
643-3-74	137	3	4.3	1	0.3	0.6	77.2	1.3	222	4	16.7	1	195	4	-1	1
643-3-75	64	2	9.3	1.2	0.3	0.6	60.3	1.2	310	5	15.6	1.1	232	4	1.7	1.2
643-3-76	54	2	5.4	1	-0.5	0.5	59.1	1.2	254	4	12.4	0.9	204	4	-0.8	1
643-3-77	52	2	5.3	1	0.3	0.6	58.6	1.2	271	5	15.6	1	211	4	0	1.1
643-3-78	63	2	4.5	1.1	-0.5	0.6	57.6	1.2	296	5	15.3	1.1	237	5	0.6	1.2
643-3-79	63	2	4.5	1.1	-1.1	0.6	52.8	1.1	283	5	17	1.1	232	4	1.6	1.2
643-3-80	87	3	3.6	1	-0.4	0.6	50	1.1	274	5	15.2	1	229	4	1.6	1.2
streamsample	59	2	6.4	1.1	0.3	0.6	53.4	1.1	318	5	22.2	1.1	298	5	-0.2	1.1
streamsample1	56	3	6.3	1.5	-0.6	0.8	65.6	1.7	280	5	19.7	1.1	241	4	0.1	1.1
Rock samples																
Rock 3T core	1353	11	102	7	3.4	1	9.5	0.8	48.2	1.5	4.2	1.3	-0.3	1	-1.8	0.8
Rock 3T core2	276	4	15	6	0.4	0.8	8.6	0.7	18.8	0.9	-25.5	1.3	0.8	0.9	0.2	0.8
Rock 3T outcrop	11.7	1.3	2.9	1.1	0	0.5	120.9	1.5	39	1.3	5.1	0.9	70.9	1.9	2.1	0.9
Rock 1	22	2	16.7	1.6	0.4	0.8	6.2	0.9	89	3	8.5	0.9	34	2	1.1	1.3
Rock 1b	68	3	41	2	0	0.9	8.4	1.1	577	13	11.7	1.2	50	4	2.4	1.5
Rock 2	60	3	27.4	1.6	0.8	0.7	26.9	1	170	4	22.9	1.2	157	4	1.1	1.2
Rock 3	8.7	1.5	8.8	1	0.2	0.6	8.8	0.8	251	4	25.4	1.1	6.1	1.6	2.2	1

Sample ID	Zn	Zn +/-	As	As +/-	Se	Se +/-	Rb	Rb +/-	Sr	Sr +/-	Y	Y +/-	Zr	Zr +/-	Mo	Mo +/-
Rock 3b	44.8	2	7.9	0.9	0.3	0.6	7.4	0.7	165	3	5.4	0.6	1.3	1.3	1.8	0.9
Rock 3c	8.7	1.3	12.4	1	-0.6	0.6	2.1	0.7	571	8	23.3	1	13	2	1.2	0.9
Rock 3d	5.6	1.4	19	1.2	1.1	0.6	1.4	0.8	859	12	12.7	0.8	35	3	0	1
Rock 4	159	4	8.7	1.3	0	0.7	9.5	0.9	155	4	21.5	1.2	66	3	1.7	1.2
Rock 5	119	3	20.9	1.4	0.6	0.7	12.4	0.9	288	6	18	1.1	95	3	0.4	1.2
Rock 5b	81	3	43.5	1.8	-0.4	0.8	11.9	1.1	1086	18	26.7	1.4	93	4	0.7	1.3
Rock Kurts rock	46	3	65	2	1.1	0.8	15.8	1	627	12	15.5	1.2	82	4	3.6	1.4

Sample ID	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	W	W +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-
Soil samples																
643-1-001	-6	5	2	6	4	10	25	11	5	6	3	6	2.5	1.8	12.6	1.5
643-1-002	2	5	-10	6	16	10	-13	11	-1	6	2	6	0.3	1.7	4	1.4
643-1-003	8	6	0	7	5	11	-14	12	3	7	-7	6	5	2	11	1.6
643-1-004	3	5	-2	5	18	9	-2	10	-6	5	5	5	4	1.6	11.5	1.3
643-1-005	5	5	2	6	9	10	-12	11	9	6	-7	5	-0.3	1.7	12.3	1.5
643-1-006	-3	5	-4	6	1	9	3	10	5	6	5	5	2.9	1.7	11.3	1.4
643-1-007	6	5	3	5	1	9	2	10	10	6	-3	5	-0.4	1.6	12.3	1.4
643-1-008	-3	5	0	6	3	9	17	10	7	6	-8	5	2.5	1.8	12.3	1.5
643-1-009	4	5	-3	5	2	9	9	10	7	6	-5	5	1.6	1.7	12.6	1.4
643-1-012	1	5	0	6	12	9	-5	10	0	5	-3	5	2.3	1.7	11	1.4
643-1-012b	2	5	5	6	-1	9	-6	11	12	6	-8	6	2.2	1.8	11.7	1.5
643-1-013	2	6	3	7	5	11	14	12	-2	7	10	7	1.3	2	13.8	1.8
643-1-014	-7	5	-17	5	13	9	-13	10	3	6	0	5	1	1.7	13	1.4
643-1-015	-12	5	-2	6	-3	9	24	10	5	6	1	5	0.9	1.7	13.3	1.5
643-1-017	-7	6	-10	8	41	12	3	14	3	7	0	7	3	2	11.3	1.8
643-1-018	-9	5	-8	6	4	10	14	11	-5	7	2	6	1.1	1.9	12.3	1.5
643-1-019	-5	5	-1	6	3	10	-4	11	3	7	2	6	2.8	1.9	11.7	1.6
643-1-020	5	6	-5	7	6	11	1	12	4	7	2	6	2.7	1.9	11.2	1.6
643-1-020b	-1	6	-17	7	16	11	9	12	10	7	-3	6	1.3	2	15.4	1.7
643-1-021	2	5	-4	6	-6	10	-5	11	11	6	2	6	0.1	1.8	13.8	1.6
643-1-022	-2	5	-11	6	1	9	17	10	7	6	0	5	-0.3	1.7	11.4	1.4
643-1-023	2	5	7	6	12	9	7	10	-7	6	13	6	4.4	1.8	10.7	1.4
643-1-024	7	5	-7	6	17	9	11	10	12	6	-1	5	0.1	1.7	13	1.4
643-1-025	1	5	-7	6	-6	9	14	10	13	6	-8	5	0	1.7	10.5	1.4
643-1-026	7	5	2	6	10	9	28	11	0	6	5	6	4.6	1.8	12.4	1.4
643-1-027	3	5	-18	5	10	9	-13	10	-7	6	6	5	2.5	1.6	11.2	1.4
643-1-028	-1	5	-1	6	-2	9	3	10	2	6	2	5	3	1.7	9.9	1.4
643-1-029	-3	5	-4	6	10	9	-12	10	9	6	5	5	-0.1	1.7	11.2	1.4
643-1-030	-3	5	-11	6	11	9	2	10	2	6	3	5	2	1.7	13	1.4
643-1-031	4	6	0	7	31	11	15	12	0	7	-2	6	3	2	11	1.7
643-1-032	0	5	5	6	23	10	3	11	-1	6	5	6	2.5	1.8	11.9	1.5

Sample ID	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	W	W +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-
643-1-033	0	5	-3	6	11	9	22	10	2	6	3	5	1.8	1.7	10.3	1.4
643-1-034	6	5	-7	6	8	10	9	11	-9	6	18	6	5.6	1.7	9.8	1.4
643-1-035	-7	5	-5	6	16	9	-14	10	8	5	-4	5	-0.8	1.6	11	1.4
643-1-036	-4	5	-1	5	18	9	9	10	-3	6	0	5	2.2	1.7	12.4	1.4
643-1-037	-4	5	-3	6	27	10	0	11	5	6	-1	5	1.8	1.7	13.4	1.4
643-1-038	1	5	-7	5	23	9	12	10	-5	6	3	5	4.3	1.7	11.9	1.4
643-1-039	1	5	1	5	22	9	15	10	3	5	-7	5	2.7	1.6	11.2	1.4
643-1-040	2	5	-1	6	-1	9	22	10	-1	6	-1	5	0.2	1.6	12.5	1.4
643-1-040b	0	5	0	6	0	10	15	11	4	6	2	6	2.9	1.8	11.7	1.5
643-1-041	-4	5	0	6	19	9	13	10	11	6	-9	5	-1.2	1.7	9.7	1.4
643-1-042	2	5	-1	6	19	10	15	11	15	6	-14	5	-1.7	1.7	9.9	1.5
643-1-043	0	5	10	6	5	9	11	10	6	6	-9	5	1.7	1.7	9.9	1.4
643-1-044	4	5	-7	6	14	10	-5	11	5	6	3	6	3.5	1.8	11.4	1.5
643-1-045	2	5	-6	6	-5	9	-4	10	4	6	-2	5	2.1	1.7	11.7	1.4
643-1-046	0	5	-12	6	11	10	10	11	23	7	-3	6	-0.3	1.9	13.1	1.5
643-1-047	3	5	-6	6	2	9	-9	10	10	6	-7	5	0.6	1.7	11.3	1.4
643-1-048	-7	5	-12	6	-4	9	0	10	7	6	0	5	1.6	1.7	13.5	1.4
643-1-049	0	5	1	5	-4	9	16	10	11	6	-6	5	-1.1	1.6	11	1.4
643-1-050	0	5	-13	6	-2	9	2	11	5	6	8	6	2.3	1.8	12.3	1.4
643-1-050b	-1	5	-11	6	7	9	0	10	5	6	11	6	3.7	1.8	10.6	1.4
643-1-051	-1	5	-4	6	18	10	-11	11	9	6	3	6	1.5	1.8	12.6	1.5
643-1-052	-8	5	-15	6	-9	9	5	10	13	6	-2	6	1.5	1.8	12.4	1.5
643-1-053	2	5	-2	5	3	9	12	10	16	6	-12	5	-0.4	1.7	12.3	1.4
643-1-054	0	5	-4	6	-7	9	-10	10	5	6	-5	5	4.3	1.8	10.7	1.4
643-1-055	-7	5	-5	5	8	9	-3	10	3	6	-1	5	1.6	1.6	11.6	1.3
643-1-056	8	6	-1	7	-2	11	17	13	0	7	4	7	4	2	15.8	1.8
643-1-057	-1	5	-2	5	15	8	13	9	-3	6	12	5	1	1.6	11.1	1.3
643-1-058	-6	5	0	6	25	9	-2	10	-2	6	0	5	4.4	1.7	11	1.4
643-1-059	-8	5	-8	6	8	10	7	11	5	6	0	6	0.4	1.8	11.4	1.5
643-1-060	2	5	8	6	-3	9	0	11	9	6	-5	5	0.6	1.7	10.1	1.4
643-1-061	2	5	5	6	20	9	1	11	5	6	2	5	1.8	1.7	10.3	1.4
643-1-063	1	5	-4	5	8	9	-9	10	2	6	2	5	1.8	1.7	10.7	1.4

Sample ID	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	W	W +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-
643-1-064	-6	5	-3	6	11	9	2	11	6	6	3	6	2.3	1.8	9.3	1.4
643-1-065	-1	5	3	6	5	9	17	11	11	6	1	6	-1	1.7	14.1	1.5
643-1-066	-1	5	3	6	7	9	2	10	13	6	-11	5	0.1	1.7	10.8	1.4
643-1-070	5	5	10	6	11	9	-4	10	8	6	-1	5	3.2	1.8	12.4	1.4
643-1-069	1	5	-10	6	3	9	2	10	16	6	-8	5	1	1.8	10.8	1.4
643-1-070	-9	5	3	5	-6	9	7	10	10	6	-2	5	0.7	1.7	11.9	1.4
643-1-071	10	5	4	6	13	9	15	10	9	6	0	6	2.9	1.8	15	1.5
643-1-072	-2	5	-4	6	-2	9	10	10	0	6	-1	5	1.4	1.7	13.9	1.5
643-1-073	-2	5	-12	6	15	10	-1	11	12	6	-4	6	-1.7	1.7	6.8	1.4
643-1-074	5	6	3	7	-6	11	-18	12	5	6	-13	6	4.6	2	12.5	1.7
643-1-075	2	5	-10	6	-13	9	5	10	-2	6	7	6	1	1.6	12.7	1.4
643-1-076	5	5	4	6	-9	9	-1	10	1	6	8	6	1.8	1.7	12.5	1.4
643-1-077	-1	5	-8	5	-19	9	14	10	9	6	1	5	1.9	1.7	8.7	1.3
643-1-079	8	5	3	5	-1	9	2	10	11	6	0	5	-1.1	1.6	12.7	1.4
643-1-080	0	5	-3	5	-1	8	15	9	6	5	-6	5	-3.1	1.5	6	1.3
643-1-080b	6	5	7	6	-11	9	1	10	-1	5	-9	5	-0.1	1.5	6	1.3
643-1-082	4	5	-11	6	10	9	11	10	0	6	-1	5	3	1.7	11.1	1.4
643-2-01	6	5	5	6	2	10	-4	11	3	6	-3	6	1.8	1.8	11.2	1.5
643-2-01	1	5	-2	5	4	9	-5	10	2	5	-2	5	0.5	1.6	12.5	1.4
643-2-01	1	5	-2	5	-10	9	-2	10	2	5	1	5	1.5	1.6	10.9	1.3
643-2-03	3	5	-6	6	17	9	18	11	7	6	0	5	2.4	1.7	15.1	1.5
643-2-04	-14	5	-11	6	-1	9	-3	10	4	6	4	6	4.2	1.8	9.9	1.4
643-2-05	3	5	-7	6	7	10	-3	11	7	6	-3	6	0.1	1.8	16.4	1.6
643-2-06	-3	5	-5	5	5	8	22	10	6	6	2	5	2	1.6	11.4	1.3
643-2-07	3	5	0	5	18	9	-4	10	6	5	1	5	0.1	1.6	12.8	1.3
643-2-08	3	5	-4	5	1	9	13	10	-1	6	5	5	4.1	1.7	11.5	1.4
643-2-09	-4	5	-8	6	8	9	-6	10	5	6	3	6	0	1.7	8.7	1.4
643-2-10	6	5	-4	6	-3	9	1	10	1	6	4	6	0	1.7	11.4	1.4
643-2-11	3	5	-12	6	-5	10	3	11	10	6	-2	6	0.9	1.8	11.5	1.5
643-2-12	-1	5	-3	6	5	9	22	10	9	6	-6	5	2.1	1.7	12	1.4
643-2-14	-3	5	-5	6	3	9	2	10	-6	6	8	5	1.8	1.6	13.7	1.4
643-2-15	3	6	-7	7	1	11	23	12	12	7	-1	6	1.1	1.9	11.6	1.6

Sample ID	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	W	W +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-
643-2-16	6	5	0	6	-1	10	-15	11	5	6	2	6	-0.6	1.7	12.2	1.5
643-2-17	3	5	4	6	2	9	0	10	15	6	-10	5	-0.6	1.7	12.1	1.4
643-2-18	-7	5	-2	5	12	9	19	10	1	6	2	5	1.4	1.6	8.1	1.3
643-2-19	0	5	1	6	10	9	20	10	4	6	-3	5	0.9	1.7	8.9	1.4
643-2-20	2	5	-3	6	6	9	3	10	7	5	1	5	0.7	1.6	11.6	1.3
643-2-21	-5	5	3	6	-3	9	5	11	10	6	-4	5	0.3	1.7	13.9	1.5
643-2-22	0	5	-7	6	31	9	9	10	9	6	-6	5	-0.3	1.7	12.6	1.4
643-2-23	-6	5	-3	5	5	9	26	10	12	6	-3	5	0.9	1.7	11.6	1.3
643-2-24	-3	5	-12	6	10	10	25	11	-2	6	7	6	3.9	1.8	14.9	1.6
643-2-25	1	5	13	6	13	9	-10	10	-2	6	8	6	2.3	1.7	10.5	1.4
643-2-13	0	5	0	6	9	9	-9	10	2	6	4	5	4.7	1.7	15.2	1.4
643-2-26	0	5	-4	6	-6	9	1	10	-6	6	9	6	4.6	1.8	12.3	1.4
643-2-27	5	5	-3	6	-13	9	0	10	5	6	1	5	0	1.7	13.3	1.5
643-2-28	-2	5	-1	5	-10	8	-2	9	12	6	1	5	0.2	1.6	12.5	1.3
643-2-29	4	5	-5	6	20	9	-10	10	14	6	-8	5	0.2	1.6	11.5	1.4
643-2-30	7	5	3	5	9	9	20	10	6	5	-7	5	-1	1.6	9.8	1.3
643-2-31	-4	5	-8	6	3	9	-2	11	9	6	1	6	3.2	1.8	10.5	1.4
643-2-32	6	5	9	6	16	10	0	11	-6	6	15	6	0.5	1.7	10.2	1.4
643-2-33	3	5	-3	6	19	10	-11	11	4	6	0	6	0.3	1.7	10.4	1.4
643-2-34	4	7	-4	8	2	13	26	15	10	8	0	7	-2	2	9.6	1.9
643-2-35	-8	6	-8	6	8	10	-7	12	13	7	-5	6	-0.7	1.9	10.2	1.6
643-2-36	-3	5	-6	6	4	9	-4	11	3	6	1	5	2.3	1.7	10.7	1.4
643-2-37	-1	5	-7	6	5	10	5	11	16	7	-3	6	-1.3	1.9	10.3	1.6
643-2-38	-4	5	-13	6	3	9	-2	10	-4	6	10	6	2.6	1.7	11.6	1.4
643-2-39	17	9	-10	10	5	16	-14	17	-3	11	5	10	-2	3	13	3
643-2-40	0	4	1	5	2	8	1	9	5	5	0	5	0.5	1.6	7.7	1.3
643-2-41	8	5	1	6	16	9	9	10	15	6	-3	5	1.4	1.8	10.3	1.4
643-2-42	-11	5	-7	6	11	9	5	10	8	6	1	5	1.9	1.7	11.3	1.4
643-2-43	-2	5	-5	6	6	10	-5	11	8	6	9	6	1.2	1.8	13.7	1.5
643-2-44	4	5	7	6	7	9	6	10	-1	6	7	6	2.2	1.7	10.2	1.4
643-2-45	-5	5	-6	6	11	9	16	10	-1	6	9	6	3.4	1.7	13.6	1.4
643-2-46	-2	5	-10	6	-4	10	22	11	-2	6	6	6	4	1.8	11.3	1.5

Sample ID	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	W	W +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-
643-2-47	8	5	5	6	3	9	3	11	11	6	-10	5	0.9	1.7	9.7	1.4
643-2-48	0	5	-2	5	2	9	-10	10	-6	5	6	5	1.8	1.6	11.2	1.3
643-2-49	1	6	-3	7	15	12	18	13	4	7	1	6	2	2	10.8	1.7
643-2-50	0	5	-12	6	-3	9	-10	11	-5	6	7	5	1.5	1.6	14.2	1.4
643-2-51	2	5	-5	6	8	9	8	10	5	6	7	6	1.3	1.7	9.7	1.4
643-2-52	-2	5	-4	6	13	10	5	11	2	6	9	6	3.5	1.8	11.8	1.4
643-2-53	3	6	12	7	6	11	12	12	3	6	8	6	0.2	1.8	9.5	1.5
643-2-54	-3	5	1	5	21	9	13	10	2	5	0	5	3.4	1.6	11.1	1.3
643-2-55	-3	5	-4	6	23	9	13	10	4	6	2	6	0.9	1.7	10.5	1.4
643-2-56	3	5	-15	6	10	10	-13	11	9	6	-1	6	2.3	1.8	9.8	1.4
643-2-57	2	5	-12	6	-4	9	5	11	1	6	9	6	2.9	1.7	11.1	1.4
643-2-58	0	5	2	5	14	9	2	10	1	6	6	5	4.4	1.7	9.5	1.3
643-2-59	-4	5	-8	5	2	9	17	10	16	6	-11	5	2.1	1.7	10.4	1.3
643-2-60	8	5	-3	6	33	10	11	11	14	6	-2	6	-0.3	1.8	10	1.4
643-2-61	1	5	-11	6	5	10	11	11	1	6	10	6	1.6	1.8	11.5	1.5
643-2-62	0	5	-18	6	9	9	-3	10	13	6	3	6	2	1.8	10.8	1.4
643-2-63	0	5	-11	6	14	9	8	10	-2	6	3	5	1.4	1.6	11.4	1.4
643-2-64	7	5	6	6	33	9	5	10	-4	6	14	6	3.9	1.7	10.6	1.3
643-2-65	-6	5	-8	6	9	9	8	10	1	6	2	6	3	1.7	14.4	1.5
643-2-66	-2	5	0	6	12	9	6	10	3	6	5	5	0.3	1.6	11.9	1.4
643-2-67	2	5	3	6	22	10	18	11	1	6	5	6	1.8	1.8	11.4	1.5
643-2-68	-5	5	4	6	0	10	18	11	9	6	-1	6	2.3	1.8	11.5	1.4
643-2-69	0	5	4	5	11	9	15	10	6	5	-7	5	-0.4	1.6	10.9	1.3
643-2-70	3	5	0	6	10	9	-3	10	3	6	6	6	0.7	1.7	8.8	1.4
643-2-71	-3	5	-6	6	9	9	3	11	1	6	2	6	3.3	1.7	7.6	1.4
643-2-73	-1	5	-7	6	19	10	-10	11	-1	6	12	6	1.4	1.7	11.3	1.4
643-2-73	1	5	-9	6	21	9	10	10	4	6	9	6	0.8	1.7	10.1	1.4
643-2-74	-2	5	-2	6	17	9	35	10	15	6	-6	5	1.2	1.7	10.8	1.3
643-2-75	0	5	2	6	17	10	8	11	21	6	-4	5	0.1	1.8	10.7	1.4
643-2-76	-5	5	9	5	8	9	7	10	3	6	4	5	0.2	1.6	11.1	1.4
643-2-77	4	5	-6	6	16	9	8	10	16	6	-11	5	2.4	1.8	12	1.4
643-2-78	-10	5	-18	6	2	9	-8	10	-3	6	8	6	1.9	1.7	10.8	1.4

Sample ID	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	W	W +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-
643-2-79	-2	5	-7	5	11	9	12	10	4	6	2	5	4.9	1.7	13.2	1.4
643-2-80	3	5	-7	6	13	9	7	10	-4	5	2	5	2.4	1.6	12.7	1.4
643-2-81	-3	5	-10	6	11	10	-13	11	12	6	-8	5	0.5	1.7	12.6	1.5
643-3-01	1	7	-2	7	0	12	7	13	2	8	4	7	4	2	9.5	1.8
643-3-02	-6	6	-9	7	24	11	6	12	9	7	9	6	3	2	9.8	1.5
643-3-03	6	5	1	6	11	10	9	11	5	6	-10	6	2.8	1.9	10.5	1.5
643-3-04	2	5	-1	6	16	10	6	11	5	6	8	6	2.2	1.8	12.6	1.5
643-3-05	4	5	3	6	18	9	-4	11	6	6	3	5	3.4	1.7	11.8	1.4
643-3-06	-1	5	5	6	0	9	-1	10	-5	6	8	6	1.9	1.7	10.7	1.4
643-3-07	8	4	0	5	17	8	-2	9	5	5	-6	5	0.5	1.5	13.4	1.3
643-3-08	-6	5	5	5	6	8	3	9	2	5	3	5	0.5	1.6	11.9	1.4
643-3-09	-5	5	-14	6	8	9	-2	11	8	6	4	6	-0.4	1.7	14.8	1.5
643-3-10	-5	5	-8	5	5	8	10	9	3	5	1	5	-0.6	1.5	13.1	1.3
643-3-11	8	5	-8	6	-1	9	17	10	13	6	-11	5	0.6	1.7	8.7	1.3
643-3-12	-2	5	-17	5	-6	9	3	10	1	6	4	5	1.1	1.6	12.2	1.4
643-3-13	-2	6	-7	6	23	10	-22	12	-3	6	10	6	3.6	1.9	14.1	1.6
643-3-14	-3	5	-2	5	39	9	23	10	3	5	-3	5	2.9	1.6	8.4	1.3
643-3-15	6	5	-11	6	-5	9	-3	10	5	6	-2	5	1.6	1.7	14.8	1.5
643-3-16	3	6	-1	6	19	10	10	12	0	6	1	6	4.8	1.9	13.1	1.6
643-3-17	3	5	-1	5	12	9	10	10	-1	6	-2	5	2.3	1.6	11.4	1.4
643-3-18	-1	5	-9	5	16	9	18	10	4	6	9	6	4.3	1.7	12.3	1.3
643-3-19	-2	5	-12	6	19	10	33	11	6	7	9	6	4.7	1.9	17.1	1.6
643-3-20	8	5	-12	6	3	9	10	10	12	6	-7	5	0	1.7	12	1.5
643-3-21	-7	5	-8	6	7	10	0	12	7	6	7	6	0.2	1.8	11.4	1.5
643-3-22	-3	5	1	6	10	9	5	10	-3	5	2	5	2.9	1.6	11.1	1.4
643-3-23	-9	5	-1	6	8	10	6	11	0	6	10	6	0.9	1.8	16.2	1.6
643-3-24	5	5	-5	6	15	10	13	11	-3	6	9	6	5	1.8	14.9	1.5
643-3-25	-7	5	-6	6	20	10	2	11	8	6	-5	6	4.9	1.9	13.9	1.6
643-3-26	4	4	2	5	-5	8	13	9	13	5	-15	5	1.2	1.6	11	1.3
643-3-27	-10	6	-18	6	26	11	13	12	10	7	4	6	1.7	1.9	17.3	1.7
643-3-28	2	5	4	6	3	9	-6	10	10	6	-9	5	0.3	1.7	19	1.6
643-3-29	10	6	6	7	18	11	-6	12	5	6	2	6	3.8	1.9	11.5	1.5

Sample ID	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	W	W +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-
643-3-30	8	4	-4	5	-1	8	7	9	-2	5	1	5	0.7	1.4	11.5	1.2
643-3-31	0	5	-5	6	5	10	1	11	1	6	0	6	1.9	1.7	12.4	1.5
643-3-32	1	5	-13	6	20	10	16	11	-6	6	7	6	3.6	1.7	10.3	1.4
643-3-33	-1	5	-6	6	21	10	-6	11	2	6	-1	5	0.6	1.7	6.1	1.3
643-3-34	5	5	2	5	15	9	11	10	-1	5	-2	5	-0.1	1.5	7.3	1.2
643-3-35	11	6	-8	6	14	11	5	12	1	6	4	6	2	1.9	8	1.5
643-3-36	4	5	-3	6	5	9	17	10	7	6	0	5	2.6	1.7	10.1	1.4
643-3-37	-2	5	-14	6	5	10	7	11	7	7	5	6	1	1.9	12.6	1.5
643-3-38	0	5	-4	6	5	9	-4	11	3	6	10	6	0.4	1.7	11	1.5
643-3-39	5	6	-6	7	19	11	8	12	-5	7	11	6	4.3	1.9	14.5	1.6
643-3-40	2	5	-11	6	12	9	3	10	11	5	-10	5	2.5	1.7	9.7	1.3
643-3-41	2	5	-3	6	18	10	5	11	10	6	0	6	1	1.7	12.5	1.4
643-3-42	1	5	-4	5	9	9	-6	10	3	5	-2	5	2.1	1.6	12.6	1.4
643-3-43	-6	5	-4	6	-2	9	13	10	-2	6	10	6	1.7	1.7	13	1.4
643-3-44	-1	5	-6	6	12	10	17	11	4	6	6	6	0	1.8	11.3	1.5
643-3-45	3	5	-15	6	4	10	-14	11	20	6	-4	6	0.8	1.9	14.9	1.6
643-3-46	-12	5	-5	6	12	10	17	11	-1	6	-1	6	4.8	1.9	13	1.6
643-3-47	-11	5	-10	6	19	10	14	11	5	6	9	6	1.5	1.7	13.3	1.4
643-3-48	-2	5	-2	6	20	9	4	11	3	6	3	6	2.7	1.8	12.8	1.5
643-3-49	14	6	-11	7	16	11	10	12	0	7	7	6	2.4	1.9	11.9	1.6
643-3-50	-9	5	-3	6	8	10	19	11	1	6	5	6	5.4	1.9	12.7	1.6
643-3-50b	0	5	0	6	-5	9	16	10	-12	6	18	6	3.5	1.7	13.2	1.5
643-3-51	-5	5	-6	6	22	10	-14	11	15	6	-4	6	1	1.9	11.6	1.5
643-3-52	12	5	-4	6	12	10	-1	11	-9	6	10	6	6.1	1.9	15.1	1.6
643-3-53	-3	5	7	6	19	10	-3	11	6	7	13	6	1.9	1.9	11.7	1.5
643-3-54	0	5	-5	6	3	10	8	11	3	6	0	6	2.5	1.8	14.4	1.5
643-3-55	-5	5	-1	6	18	10	18	11	-1	6	12	6	1.6	1.8	9.7	1.4
643-3-56	4	5	-4	6	-7	10	3	11	7	6	-2	6	0.4	1.8	14.5	1.6
643-3-57	-4	6	-13	7	18	11	17	12	-8	7	13	7	4.2	1.9	12.9	1.6
643-3-58	2	5	-5	6	10	9	25	11	5	6	12	6	3.8	1.9	11.6	1.5
643-3-59	0	5	-2	6	15	10	3	11	3	6	9	6	2.9	1.9	14.7	1.6
643-3-60	-3	6	-7	7	58	11	3	12	-2	6	2	6	1.5	1.9	11.6	1.6

Sample ID	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	W	W +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-
643-3-61	-5	5	-12	6	10	10	1	11	-2	6	1	6	0.5	1.7	10.8	1.5
643-3-62	1	5	-5	6	24	10	-3	11	2	6	3	6	5.1	1.8	10.4	1.4
643-3-63	9	5	1	6	1	9	26	10	-4	6	5	6	2.5	1.6	16.9	1.5
643-3-64	6	5	0	6	4	10	-3	11	10	6	-4	6	0.6	1.8	14.4	1.5
643-3-65	7	5	1	6	5	9	4	10	-5	6	10	6	2.7	1.7	15.6	1.4
643-3-67	7	5	0	6	8	9	1	10	0	6	9	6	1.2	1.7	12.5	1.4
643-3-70	-2	5	-11	6	-11	9	-11	10	1	6	4	5	1.4	1.7	10.6	1.4
643-3-68	9	5	-15	6	31	10	-6	11	1	6	13	6	2.1	1.9	14	1.6
643-3-69	2	5	-6	6	11	9	-1	10	0	6	1	5	1.3	1.7	9.5	1.4
643-3-70	-5	5	1	6	19	10	-14	11	5	6	8	6	1.3	1.8	10	1.4
643-3-71	3	5	0	6	18	10	-8	11	5	6	-5	6	-0.6	1.7	9.7	1.4
643-3-72	10	5	-8	6	-4	9	23	10	3	5	-2	5	-0.7	1.6	9.8	1.3
643-3-73	-5	5	2	6	10	10	9	11	-3	6	13	6	7.4	1.9	16.1	1.5
643-3-74	-4	5	-4	5	19	9	-4	10	-3	6	16	5	0.3	1.6	11.5	1.3
643-3-75	-4	5	-1	6	-3	9	7	10	15	6	-9	5	1.5	1.8	10.7	1.4
643-3-76	-5	5	-6	5	-6	9	4	10	12	5	-8	5	-0.2	1.6	10.7	1.3
643-3-77	2	5	-7	5	14	9	14	10	-1	5	-5	5	3.1	1.6	8.2	1.3
643-3-78	3	5	0	6	2	9	-1	11	1	6	4	6	0.3	1.7	11.3	1.5
643-3-79	0	5	-1	6	16	9	6	10	-8	5	6	5	4.5	1.6	11.8	1.4
643-3-80	-5	5	-9	6	14	9	-8	10	10	6	-4	5	0	1.6	11	1.4
streamsample	-3	5	-2	5	24	9	15	10	2	5	3	5	0.8	1.6	8.8	1.3
streamsample1	-9	5	0	5	20	9	19	10	7	7	-9	7	2	2	10	1.9
Rock samples																
Rock 3T core	66	5	5	6	22	9	36	11	7	10	-22	9	1	2	1549	11
Rock 3T core2	18	4	0	5	14	8	35	9	4	7	2	7	0.3	1.9	1485	9
Rock 3T outcrop	3	5	-8	5	17	9	8	10	-2	5	10	5	2	1.5	27.2	1.5
Rock 1	-16	7	-20	8	18	13	25	15	14	8	9	8	12	3	10.3	1.8
Rock 1b	-5	8	-14	9	12	15	18	16	7	9	19	9	13	3	12	2
Rock 2	-9	6	-18	7	19	11	11	13	2	7	14	7	4	2	10.9	1.8
Rock 3	0	5	-5	6	19	10	-2	11	-11	6	22	6	0.8	1.6	3.2	1.2

Sample ID	Ag	Ag +/-	Cd	Cd +/-	Sn	Sn +/-	Sb	Sb +/-	W	W +/-	Au	Au +/-	Hg	Hg +/-	Pb	Pb +/-
Rock 3b	-1	5	-5	6	5	9	-18	11	-6	5	13	5	0.9	1.5	0	1.1
Rock 3c	17	5	5	5	11	9	-6	10	-3	5	15	6	1.5	1.6	3.6	1.2
Rock 3d	-12	5	-11	6	20	9	13	11	11	6	-5	6	1.9	1.7	3.5	1.3
Rock 4	-3	6	-9	7	25	12	7	13	9	7	2	7	1	2	5.2	1.6
Rock 5	-8	6	-9	7	0	11	-19	13	13	7	9	7	0	2	4.5	1.6
Rock 5b	-7	6	-2	7	31	12	12	13	2	8	9	7	3	2	7	1.9
Rock Kurts rock	6	7	2	8	30	13	18	14	12	8	4	8	11	3	16	1.9

Sample ID	Bi	Bi +/-	Th	Th +/-	U	U +/-	Instrument SN	Model	Tube Anode	Unit	User Factor Name	LOD Sigma	Au Karat
Soil samples													
643-1-001	-22	6	34	12	2	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.6251597
643-1-002	4	5	17	11	-0.5	1.8	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.5597842
643-1-003	-33	6	39	13	-3	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-1-004	-14	5	36	11	-0.6	1.7	511044	Delta Premium	Rh	PPM	Factory-Default	3	1.212246
643-1-005	-45	6	51	12	-0.3	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-1-006	1	5	34	11	0.5	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	1.19989
643-1-007	-23	5	42	11	-1.6	1.7	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-1-008	-18	5	50	12	-0.6	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-1-009	-19	5	52	11	1.6	1.8	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-1-012	-19	5	40	12	-0.5	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-1-012b	-24	6	25	12	0	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-1-013	-38	6	17	13	-1	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	2.451432
643-1-014	-8	5	37	11	2.9	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	7.81E-02
643-1-015	-7	5	63	12	0.1	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.1391562
643-1-017	-38	7	17	14	1	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-1-018	-6	5	14	10	0.3	1.8	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.482758
643-1-019	-27	6	42	12	-2	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.5352879
643-1-020	-30	6	40	12	-2.3	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.3794468
643-1-020b	-32	6	26	12	1	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-1-021	-47	6	22	12	0	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.3814967
643-1-022	-22	5	43	11	-0.9	1.8	511044	Delta Premium	Rh	PPM	Factory-Default	3	1.98E-02
643-1-023	-16	5	58	12	-2	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	3.208246
643-1-024	-30	5	44	12	1.1	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-1-025	-19	5	58	12	-0.1	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-1-026	-13	5	54	12	0.5	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	1.195737
643-1-027	-15	5	29	11	-0.3	1.8	511044	Delta Premium	Rh	PPM	Factory-Default	3	1.548195
643-1-028	-9	5	47	12	1	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.3871779
643-1-029	-33	5	41	12	0.2	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	1.174197
643-1-030	-11	5	46	12	-1.1	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.717497
643-1-031	-33	6	67	15	0	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-1-032	-27	6	61	13	0	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	1.173491

Sample ID	Bi	Bi +/-	Th	Th +/-	U	U +/-	Instrument SN	Model	Tube Anode	Unit	User Factor Name	LOD Sigma	Au Karat
643-1-033	-30	5	65	12	-1.4	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.8245533
643-1-034	-21	5	44	12	3	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	4.303041
643-1-035	-7	5	31	11	-1.6	1.8	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-1-036	-20	5	39	11	0.1	1.8	511044	Delta Premium	Rh	PPM	Factory-Default	3	6.92E-02
643-1-037	-11	5	39	12	0.2	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-1-038	-13	5	31	11	1.8	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.8388746
643-1-039	-33	5	59	12	-1	1.8	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-1-040	-23	5	57	12	1.1	1.8	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-1-040b	-24	6	68	13	0.9	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.5215651
643-1-041	-29	6	63	12	0.2	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-1-042	-35	6	49	13	5	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-1-043	-28	5	27	11	1.6	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-1-044	-32	6	67	13	4	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.6026334
643-1-045	-15	5	67	12	-4	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-1-046	-39	6	45	13	2	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-1-047	-26	5	20	11	0.9	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-1-048	-21	5	55	12	2	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-1-049	-35	5	46	11	-0.7	1.8	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-1-050	-25	5	65	13	-3	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	1.901397
643-1-050b	-38	6	61	12	-1.3	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	2.726589
643-1-051	-41	6	77	13	-4	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.8386067
643-1-052	-34	6	43	12	-1.3	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-1-053	-15	5	35	11	-4.1	1.8	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-1-054	-38	6	49	12	0.2	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-1-055	-12	5	40	11	-2.5	1.8	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-1-056	-65	7	83	16	2	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	1.074227
643-1-057	-10	5	25	11	2.1	1.8	511044	Delta Premium	Rh	PPM	Factory-Default	3	2.964829
643-1-058	-10	5	52	12	-1.5	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	8.02E-02
643-1-059	-27	6	66	13	2	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	6.81E-02
643-1-060	-15	5	55	12	1.3	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-1-061	-15	5	48	12	1.5	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.5422572
643-1-063	-15	5	54	12	1	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.4494735

Sample ID	Bi	Bi +/-	Th	Th +/-	U	U +/-	Instrument SN	Model	Tube Anode	Unit	User Factor Name	LOD Sigma	Au Karat
643-1-064	-37	6	72	13	-1.3	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.651173
643-1-065	-27	6	47	12	-1.6	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.2400425
643-1-066	-15	5	42	12	-3.6	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-1-070	-11	5	50	12	1.4	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-1-069	-21	5	52	12	1	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-1-070	-7	5	43	12	0.3	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-1-071	-24	6	50	12	1.3	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-1-072	-14	5	37	12	-0.2	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-1-073	-37	6	56	13	0	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-1-074	-55	7	47	14	-4	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-1-075	-30	5	25	11	0.8	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	1.708467
643-1-076	-25	5	49	12	0.8	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	1.821837
643-1-077	-23	5	19	11	0.3	1.8	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.1621193
643-1-079	-23	5	36	11	0.3	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.1026016
643-1-080	-31	5	25	11	1.6	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-1-080b	-23	5	26	12	2	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-1-082	-26	5	45	12	-1.5	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-2-01	-33	6	49	13	-2.2	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-2-01	-14	5	37	11	1.9	1.8	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-2-01	-24	5	37	11	-0.9	1.8	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.3538279
643-2-03	-26	5	53	12	-2.4	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-2-04	-24	6	63	13	0	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	1.026971
643-2-05	-38	6	55	12	-0.4	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-2-06	-15	5	28	11	-1.5	1.8	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.4612588
643-2-07	-5	5	29	11	0.9	1.8	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.2014952
643-2-08	-3	5	60	12	-0.6	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	1.262498
643-2-09	-25	6	44	12	1	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.7517077
643-2-10	-12	5	32	12	2	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.9386109
643-2-11	-36	6	60	13	1	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-2-12	-17	5	63	12	-2.2	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-2-14	-17	5	36	12	1	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	1.91524
643-2-15	-43	6	45	13	-3	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	

Sample ID	Bi	Bi +/-	Th	Th +/-	U	U +/-	Instrument SN	Model	Tube Anode	Unit	User Factor Name	LOD Sigma	Au Karat
643-2-16	-23	6	48	13	0	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.3938254
643-2-17	-16	5	49	12	-0.9	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-2-18	-15	5	33	11	1.2	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.4999201
643-2-19	-25	6	57	12	-2.9	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-2-20	-24	5	55	12	0.7	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.2613916
643-2-21	-25	6	41	12	-2	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-2-22	-12	5	35	12	-1	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-2-23	-18	5	40	11	-3.8	1.7	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-2-24	-30	6	57	13	3	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	1.628475
643-2-25	-4	5	44	12	-0.5	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	1.94057
643-2-13	-30	5	37	12	2.7	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.8925659
643-2-26	-18	5	58	12	-4.1	1.8	511044	Delta Premium	Rh	PPM	Factory-Default	3	2.203408
643-2-27	-24	6	51	12	-3.7	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.1237309
643-2-28	-20	5	46	11	3.5	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.1555517
643-2-29	-11	5	57	12	1.5	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-2-30	-10	5	41	11	-1.4	1.8	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-2-31	-22	6	64	13	-3.5	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.2889275
643-2-32	-27	6	54	13	-4	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	3.561791
643-2-33	-33	6	48	13	2	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.114118
643-2-34	-78	8	62	17	2	3	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-2-35	-37	6	55	14	1	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-2-36	-5	5	65	13	2	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.3437774
643-2-37	-39	6	72	15	2	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-2-38	-11	5	25	11	1.8	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	2.393449
643-2-39	-100	11	65	21	-1	3	511044	Delta Premium	Rh	PPM	Factory-Default	3	1.312957
643-2-40	-12	5	46	11	-1.2	1.7	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-2-41	-7	5	40	12	-2.9	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-2-42	-20	5	55	12	-1.8	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.1769687
643-2-43	-18	5	36	12	0	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	2.085541
643-2-44	-40	6	55	12	0	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	1.737382
643-2-45	-7	5	53	12	0.5	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	2.051599
643-2-46	-35	6	41	13	-1	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	1.399142

Sample ID	Bi	Bi +/-	Th	Th +/-	U	U +/-	Instrument SN	Model	Tube Anode	Unit	User Factor Name	LOD Sigma	Au Karat
643-2-47	-19	5	46	12	2	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-2-48	-10	5	33	11	2.5	1.8	511044	Delta Premium	Rh	PPM	Factory-Default	3	1.442155
643-2-49	-52	7	32	14	7	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.3040768
643-2-50	-14	5	43	12	-1.5	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	1.76947
643-2-51	-26	5	50	12	-1.9	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	1.631925
643-2-52	-11	5	33	12	2	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	2.067823
643-2-53	-31	6	69	14	1	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	2.016922
643-2-54	-11	5	34	11	0.9	1.8	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.0785686
643-2-55	-21	6	44	12	3	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.3909103
643-2-56	-39	6	68	13	0.7	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-2-57	-24	6	40	12	-0.6	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	2.110976
643-2-58	-20	5	39	11	-0.8	1.8	511044	Delta Premium	Rh	PPM	Factory-Default	3	1.440094
643-2-59	-10	5	46	11	1.3	1.8	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-2-60	-33	6	37	12	1	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-2-61	-42	6	52	12	-0.9	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	2.495047
643-2-62	-31	5	56	12	-1.2	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.7631293
643-2-63	-27	5	50	12	0.6	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.7536905
643-2-64	-25	5	38	11	-0.3	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	3.315099
643-2-65	-28	6	44	12	0.3	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.530112
643-2-66	-19	5	52	11	2.9	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	1.289769
643-2-67	-19	6	56	12	2	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	1.184748
643-2-68	-33	6	60	12	0.7	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-2-69	-23	5	35	11	-1.6	1.7	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-2-70	-14	5	34	12	4	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	1.340659
643-2-71	-20	5	54	12	2	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.4107228
643-2-73	-19	6	50	12	5	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	2.827177
643-2-73	-27	5	32	11	1.2	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	2.073262
643-2-74	-12	5	37	11	2.1	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-2-75	-24	6	33	12	-1.8	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-2-76	-18	5	37	11	-1	1.7	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.9895135
643-2-77	-9	5	30	11	-1.2	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-2-78	-10	5	25	11	-1.6	1.8	511044	Delta Premium	Rh	PPM	Factory-Default	3	1.950345

Sample ID	Bi	Bi +/-	Th	Th +/-	U	U +/-	Instrument SN	Model	Tube Anode	Unit	User Factor Name	LOD Sigma	Au Karat
643-2-79	9	5	48	12	0.9	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.3728095
643-2-80	-30	5	57	12	-1	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.5728866
643-2-81	-19	6	30	12	2	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-3-01	-55	7	39	15	2	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.9141906
643-3-02	-29	6	73	14	4	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	2.122409
643-3-03	-37	6	57	13	-1	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-3-04	3	6	39	12	0	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	2.001648
643-3-05	-11	5	34	12	1	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.7699286
643-3-06	-24	5	43	12	3	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	1.930361
643-3-07	-17	5	45	11	0.2	1.7	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-3-08	-20	5	24	11	1.9	1.8	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.65022
643-3-09	-30	6	61	12	-1.9	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.8658896
643-3-10	-13	5	26	10	1.7	1.7	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.1971379
643-3-11	-30	5	34	11	-2.2	1.8	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-3-12	-10	5	32	11	-0.7	1.8	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.9765857
643-3-13	-44	6	44	13	-2	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	2.470072
643-3-14	-18	5	12	10	1	1.8	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-3-15	-22	6	44	11	0.5	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-3-16	-36	6	43	13	1	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.1746268
643-3-17	-25	5	31	11	1	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-3-18	5	5	20	11	2.5	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	2.257534
643-3-19	-39	6	62	14	2	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	2.206317
643-3-20	-24	6	45	12	-0.9	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-3-21	-31	6	35	12	1	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	1.687754
643-3-22	-15	5	34	11	-3.4	1.8	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.5237889
643-3-23	-29	6	44	12	-4.5	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	2.456575
643-3-24	-27	6	55	12	-1	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	2.137836
643-3-25	-18	6	44	12	-1	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-3-26	-20	5	31	10	0.3	1.7	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-3-27	-23	6	42	13	3	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.9841852
643-3-28	-24	6	47	12	-0.4	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-3-29	-20	6	45	13	0	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.5983835

Sample ID	Bi	Bi +/-	Th	Th +/-	U	U +/-	Instrument SN	Model	Tube Anode	Unit	User Factor Name	LOD Sigma	Au Karat
643-3-30	-5	5	16	9	-1.5	1.6	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.1908693
643-3-31	-16	6	34	12	-2.6	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-3-32	-30	6	51	13	1	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	1.625746
643-3-33	-11	6	26	12	1	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-3-34	-22	5	9	10	1.7	1.8	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-3-35	-36	6	35	13	-1	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	1.038484
643-3-36	-20	5	62	12	-0.1	1.8	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-3-37	-23	6	43	13	0	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	1.29886
643-3-38	-33	6	35	12	2.6	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	2.372855
643-3-39	-20	6	43	13	2	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	2.598992
643-3-40	-16	5	40	11	-1.1	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-3-41	-25	5	50	12	1	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-3-42	-17	5	39	11	-1.4	1.8	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-3-43	-19	5	53	12	1.5	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	2.348536
643-3-44	-30	6	51	13	-1	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	1.340249
643-3-45	-28	6	48	13	0	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-3-46	-32	6	62	13	-3	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-3-47	-19	5	34	12	2	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	2.217967
643-3-48	-20	6	43	12	-1	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.7465016
643-3-49	-49	6	61	14	-4	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	1.686403
643-3-50	-32	6	41	13	3	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	1.316318
643-3-50b	-33	6	37	12	-1.4	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	4.396722
643-3-51	-19	6	37	13	0	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-3-52	-19	6	63	13	1	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	2.420421
643-3-53	-32	6	67	14	-4	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	3.02128
643-3-54	-21	6	63	14	1	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	6.96E-02
643-3-55	-35	6	63	13	0	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	2.837585
643-3-56	-36	6	70	14	1	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-3-57	-39	6	76	14	-3	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	3.027295
643-3-58	-17	6	40	12	2	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	2.801996
643-3-59	-32	6	74	14	-1	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	2.264583
643-3-60	-38	6	60	14	1	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.4173178

Sample ID	Bi	Bi +/-	Th	Th +/-	U	U +/-	Instrument SN	Model	Tube Anode	Unit	User Factor Name	LOD Sigma	Au Karat
643-3-61	-44	6	71	13	-2.4	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.3113609
643-3-62	-14	5	55	13	2	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.7632892
643-3-63	-17	5	44	12	1.4	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	1.133886
643-3-64	-44	6	48	13	-4.7	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-3-65	-12	5	42	12	0.7	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	2.441505
643-3-67	-15	5	45	12	2.4	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	2.090917
643-3-70	-26	5	36	12	-1.7	1.8	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.9006985
643-3-68	-24	6	18	13	5	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	3.016658
643-3-69	-16	5	28	12	2	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.2325646
643-3-70	-4	5	46	12	2	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	1.882256
643-3-71	-23	6	37	12	5	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-3-72	-31	5	30	12	-0.6	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-3-73	12	5	42	12	2	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	3.145812
643-3-74	-12	5	34	10	2.2	1.8	511044	Delta Premium	Rh	PPM	Factory-Default	3	3.923637
643-3-75	-29	6	43	12	3	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-3-76	-2	5	30	11	0.7	1.8	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-3-77	-14	5	7	11	1.1	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	
643-3-78	-19	6	47	12	3	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.8979325
643-3-79	-25	5	42	12	0.8	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	1.351143
643-3-80	-25	5	71	12	-2.3	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	
streamsample	2	5	21	11	1.2	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.6531669
streamsample1	-7	7	27	11	2.1	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	
Rock samples													
Rock 3T core	2	5	0	8	1	1.4	511044	Delta Premium	Rh	PPM	Factory-Default	3	
Rock 3T core2	-3	5	19	8	-1.2	1.2	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.4760347
Rock 3T outcrop	-7	5	20	8	1.9	1.5	511044	Delta Premium	Rh	PPM	Factory-Default	3	2.476917
Rock 1	-27	7	17	13	5	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	2.232728
Rock 1b	-43	8	49	19	-2	3	511044	Delta Premium	Rh	PPM	Factory-Default	3	4.595584
Rock 2	-13	6	32	12	0.5	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	3.451335
Rock 3	-8	5	23	11	-0.4	1.8	511044	Delta Premium	Rh	PPM	Factory-Default	3	5.382916

Sample ID	Bi	Bi +/-	Th	Th +/-	U	U +/-	Instrument SN	Model	Tube Anode	Unit	User Factor Name	LOD Sigma	Au Karat
Rock 3b	-19	5	27	10	-1	1.5	511044	Delta Premium	Rh	PPM	Factory-Default	3	3.168407
Rock 3c	-15	5	48	12	-2	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	3.697546
Rock 3d	-12	6	30	14	-8	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	
Rock 4	-26	6	23	12	-1	1.9	511044	Delta Premium	Rh	PPM	Factory-Default	3	0.4649568
Rock 5	-24	6	15	13	3	2	511044	Delta Premium	Rh	PPM	Factory-Default	3	2.121475
Rock 5b	-35	7	43	18	-3	3	511044	Delta Premium	Rh	PPM	Factory-Default	3	2.098198
Rock Kurts rock	-36	7	68	17	-3	3	511044	Delta Premium	Rh	PPM	Factory-Default	3	1.02233