

**LITHOGEOCHEMICAL AND FIELD DATA FOR
ROCK SAMPLES FROM THE FLOWERS RIVER
IGNEOUS SUITE, NORTHEASTERN LABRADOR
(NTS MAP AREAS 13N/10-15)**



John W. McConnell

Open File 013N/0139

**St. John's, Newfoundland and Labrador
December, 2010**

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Recommended citation:

McConnell, J.W.

2010: Lithogeochemical and field data for rock samples from the Flowers River Igneous Suite, north-eastern Labrador (NTS map areas 13N/10-15). Government of Newfoundland and Labrador, Department of Natural Resources, Geological Survey, Open File 013N/0139, 76 pages.

Cover: Sample site in the Flowers River Igneous Suite, Labrador.



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ABSTRACT

The report provides all the analytical data, and selected field data, obtained from a helicopter-borne rock-sampling survey conducted over NTS map areas 13N/10–15 in northeastern Labrador by the Geological Survey in 1985. Some 346 samples were collected, primarily from outcrops of peralkaline granite of the Flowers River Igneous Suite (ca. 1270 Ma). Geochemical data include analyses of 11 oxides and 38 minor and trace elements. These data are particularly suitable for displaying in a geographic information system or for performing statistical analyses.

Statistical analyses indicate these rocks are enriched in rare earth elements. Descriptions of analytical methods, tables of statistics and a map showing sample locations in respect to topography and geology are provided.

INTRODUCTION

This report presents lithochemical data for rock samples collected in 1985 from the Flowers River Igneous Suite (FRIS) that are characterized by elevated values of rare earth elements; units of peralkaline granite were preferentially sampled. The report includes a sample location and geology map and summary statistics of analyses from two units, as well as individual analyses of all the samples. The geochemical methods used to obtain the analyses are described.

LOCATION AND DESCRIPTION OF SURVEY AND SAMPLING METHODS

The survey involved the collection of 346 representative samples of primarily peralkaline granite from the FRIS; the work consisted of sampling outcrops in NTS map areas 13N/10, 11, 12, 13, 14 and 15. The location of the survey is shown in Figure 1.

Sample sites were selected to provide reasonably even spacing of samples in the target units. A helicopter was used to transport sampling crews. As the survey was done before the availability of GPS technology, sites were identified on 1:50 000-scale topographic maps. Crews were leapfrogged, i.e., typically a two person crew would be dropped and the helicopter would move two more crews to new sites before returning to move the first crew to their next site. This resulted in rapid sampling, efficient use of personnel and machine and a quiet environment in which to work.

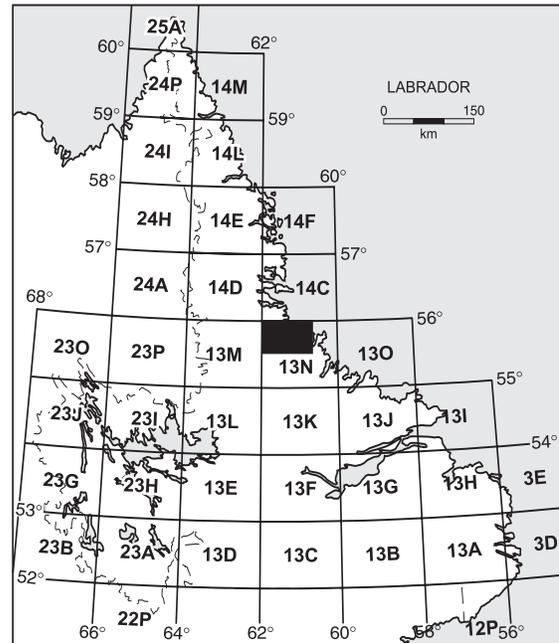


Figure 1. Location of survey area.

A sample location was chosen that seemed typical of the overall outcrop. A 5-lb sledge hammer was used to obtain a sample at least the size of a large fist and as free of weathering as possible. Outcrop observations were recorded including tectonic fabric and the presence and type of veining. Sample descriptions included rock type, colour, grain size, texture, type of feldspar present, percentage of mafic minerals, alteration and weathering. A Scintrex scintillometer set upon the rock surface was used to obtain total count readings from the sample site as well as potassium+U+Th counts per second, U+Th counts per second and Th counts per second.

PREVIOUS GEOCHEMICAL SURVEYS

The present study area was included in the Labrador reconnaissance-scale lake-sediment and water surveys, which had a sample density of 1 per 14 km² (Friske *et al.*, 1993). Sediment analyses comprised 39 elements as well as U, F and pH analyses of water. Contour plots of F, La, Sm, Tb, and Yb show clearly anomalous patterns over much of this area and can be viewed online at the Geoscience Atlas (<http://gis.geosurv.gov.nl.ca>).

A detailed-scale, lake-sediment and water survey at a sample density of 1 per 4 to 5 km² (McConnell, 2009) was conducted over a part of this area in 1979. The sites and analyses may be viewed on the Newfoundland and Labrador Resource Atlas. Of the rare earth elements, only Ce and Y were analyzed.

GEOLOGY

The FRIS was mapped in detail by Hill (1982). The suite consists of two coeval units, the felsic volcanic rocks (Unit 18) and a peralkaline granite (Unit 19), the latter of which is intrusive into the volcanic rocks; Hill (1991) dated the suite at *ca.* 1270 Ma. The rocks form several plutons of peralkaline granite enclosing a central circular region of subaerial, felsic volcanic rocks. The suite is characterized by a ‘bulls-eye’ aeromagnetic pattern. It is similar in age to the rare-earth mineralized Strange Lake peralkaline complex located 150 km to the northwest. Miller *et al.* (1997) date the Strange Lake intrusive at 1240 ±2 Ma.

The unit primarily sampled in the survey was the peralkaline granite. Hill (1982) described it as being typically unaltered and medium to coarse grained and containing minor amounts of sodic pyroxene and sodic amphibole.

The geology and sample locations are shown in Figure 2. The geology is based on Hill’s (1982) map and employs his unit numbers. Some minor, older units not belonging to the FRIS have been omitted. The full geology legend for the map is provided in Table 1.

ANALYTICAL METHODS

Most analyses were performed in the laboratory of the Geological Survey. Samples were prepared by progressively reducing the samples to pulps by processing through a jaw crusher and a shatterbox. Full descriptions of the analytical procedures for major element oxides and trace elements by atomic absorption spectrometry (AAS) can be found in Wagenbauer *et al.* (1983).

Major Element Oxides

An aliquot of the rock pulp was fused and the melt mixed with a solution of HCl-HF and digested at 90°C for 1.5 hours. Following cooling to room temperature, boric acid was added to complex the excess HF and digestion continued for a further 1.5 hours. Atomic absorption spectrometry was employed to determine the oxides SiO₂, Al₂O₃, total iron as Fe₂O₃, MgO, CaO, Na₂O, K₂O, TiO₂ and MnO.

Phosphorus, or P₂O₅, was determined on the sample solution spectrophotometrically.

Ferrous iron (FeO) was determined on some samples. A separate aliquot of rock pulp was digested by HF containing a known amount of quinquivalent vanadium that oxidized the ferrous iron as it passed into solution. The ferrous iron was titrated by standard potassium dichromate.

Loss-on-ignition was determined by heating to 1000°C using the method described by Hillebrand *et al.* (1953).

Trace Elements

The elements denoted in the database as Be₂_ppm, Cu₂_ppm, Li₂_ppm, Mo₂_ppm, Ni₂_ppm, Pb₂_ppm, Rb₂_ppm and Zn₂_ppm were analyzed by atomic absorption spectrometry on a solution prepared by adding a mixture of HF-HCl and HClO₄ to 1 g of rock pulp in a Teflon beaker. The sample was allowed to stand overnight and then evaporated to dryness on a hot plate. The residue was taken up with HCl, made up to volume and analyzed. Analytical procedures for Ba₂_ppm and Sr₂_ppm differed slightly. A 5 mL aliquot of the solution was added to a flask to which measured quantities of 5% La solution and concentrated HCl were added and brought up to volume with de-ionized water. This solution was analyzed by AAS.

Silver (Ag₆_ppm) was prepared with a different digestion to avoid precipitation of Ag by HCl. A 2 mL aliquot of concentrated HNO₃ was added to a test tube containing 0.5 g of rock pulp. The samples were digested overnight at room temperature followed by heating in a water bath to 90°C for two hours. After cooling, the solution was brought up to 10 mL using deionized water. Silver was then determined by AAS using an air-acetylene flame.

The method for tin analyses involved fusing 0.5 g of pulp with 2.5 g of lithium metaborate at 1000°C for an hour and then pouring the melt into a beaker containing 50 mL of 10 vol % HCl. The melt was digested overnight at 40°C and then heated to 100°C for a further two hours. After this, the solution was transferred to a volumetric flask and diluted to volume with 10 vol % HCl and mixed. The solution was then analyzed for Sn by AAS using hydride generation.

The elements denoted as Ce₂_ppm, Ga₂_ppm, La₂_ppm, Nb₂_ppm, Th₂_ppm, Y₂_ppm and Zr₂_ppm were digested using a triple acid leach (Finch, 1998). To a 125 mL beaker containing 1 g of sample were added 5 mL of concentrated HCl, 15 mL of concentrated HF and 5 mL of 1:1 HClO₄. The beakers were placed on a hotplate at 200°C and evaporated to dryness after which the beakers were half filled with 10% HCl and heated on a hotplate at 100°C, until the residue was completely dissolved. The beakers were then cooled and the contents transferred to 50 mL volumetric flasks to which was added 1 mL of 50 g/L boric acid to complex any residual HF. The samples were then made up to volume and analyzed by inductively coupled plasma emission spectrometry (ICP-ES).

Analyses of elements denoted as Cr_fus_ppm and Zr_fus_ppm were done by AAS on a solution prepared in the same manner as that described above for the major oxides.

External Analyses

Elements identified with the suffix “1”, *e.g.*, As₁, were analyzed by delayed counting neutron activation analysis. These were performed by Becquerel Laboratories Ltd. The elements thus analyzed comprise As, Au, Ba, Br, Ce, Co, Cr, Cs, Eu, Fe, Hf, La, Lu, Mo, Na, Ni, Rb, Sb, Sc, Sm, Ta, Tb, Th, U, Yb, Zn and Zr.

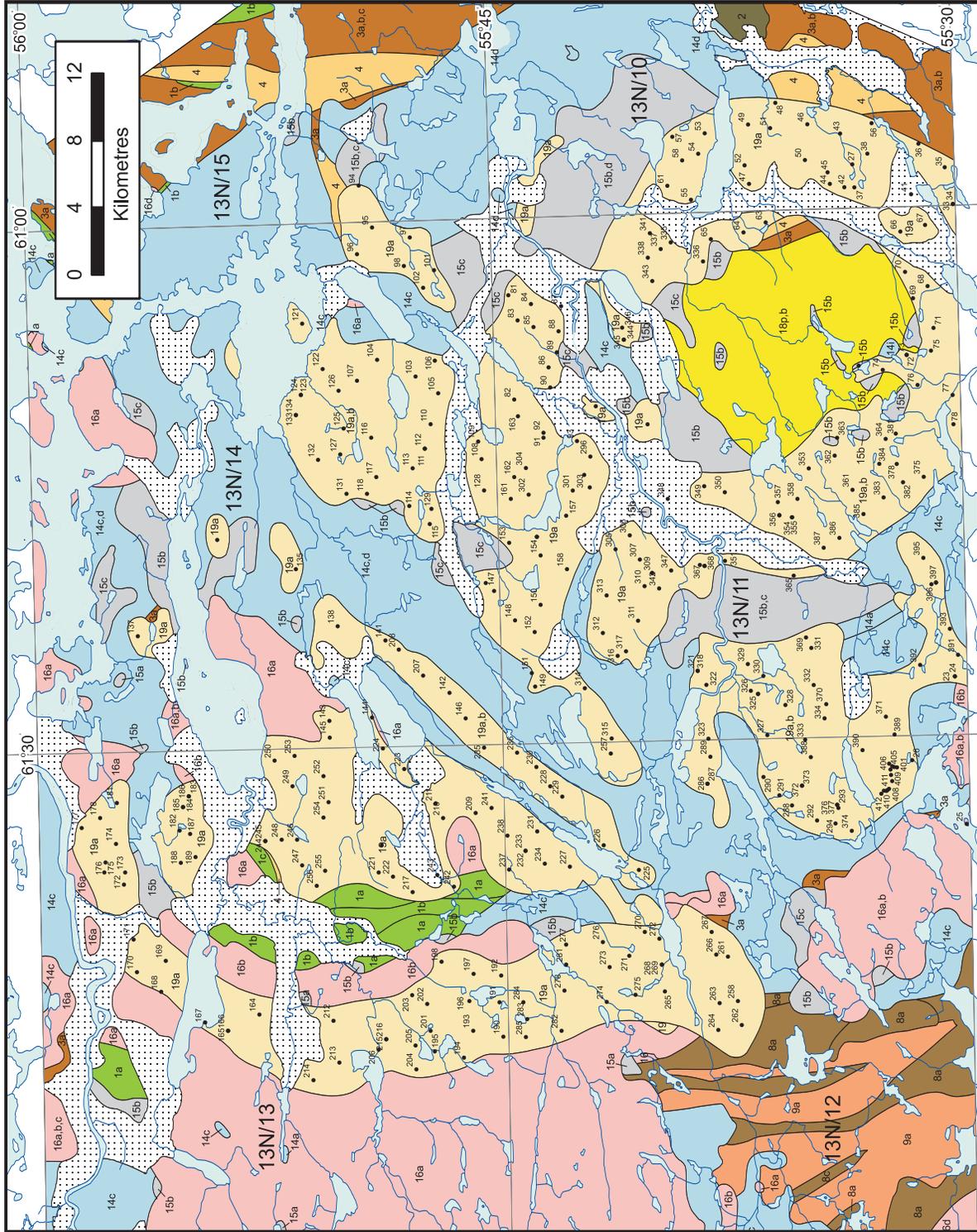


Figure 2. Geology and sample locations (see Table 1 for legend).

Table 1. Geology legend for Figure 2

	<i>Area of no exposure</i>
PROTEROZOIC	
MESOPROTEROZOIC	
Middle Mesoproterozoic	
Flowers River Igneous Suite (18, 19)	
19	<i>Peralkaline granite; may contain minor amounts of older non-peralkaline units. 19a, medium- to coarse-grained equigranular phase; 19b, aphanitic to fine-grained porphyritic phase</i>
18	<i>Felsic volcanic rocks; 18p, quartz and quartz-feldspar porphyry; 18f, massive to flow-banded felsite, locally containing a few quartz phenocrysts; 18t, welded ash-flow tuff; 18b, volcanic breccia and agglomerate</i>
Nain Igneous Complex (14 to 16)	
16	<i>Pyroxene-amphibole-fayalite granitoid plutons; may contain minor amounts of older units. 16a, medium-grained granite and minor granodiorite; 16b, medium-grained quartz syenite, quartz monzonite; 16c, fine-grained porphyritic equivalents of Units 16a and 16b; 16d, hornblende-biotite and biotite granite, granodiorite</i>
15	<i>Intermediate plutons; 15a, diorite, monzodiorite, quartz monzodiorite, quartz monzonite; 15b, monzonite, quartz monzonite; 15c, syenite, quartz syenite; 15d, altered plagioclase cumulate</i>
14	<i>Gabbroid plutons; 14a, Outer Border Zone – plagioclase-phyric olivine gabbro, gabbronorite, monzogabbro; 14b, Inner Border Zone – olivine leucogabbro; 14c to 14h, Cumulate Zone – cumulus phases are: plagioclase (14c), plagioclase-olivine (14d), plagioclase-olivine-clinopyroxene (14e), plagioclase-orthopyroxene (14f), olivine-oxide (14g), plagioclase-olivine-apatite (14h); 14i, miscellaneous gabbro and norite dykes and sills</i>
PALEOPROTEROZOIC	
Middle Paleoproterozoic	
Churchill Province (8,9)	
9	<i>Leucocratic biotite-garnet tonalite to granite orthogneiss; 9a, coarse-grained biotite-garnet tonalite to granite augen gneiss; 9b, fine- to medium- grained biotite-garnet granite gneiss</i>
8	<i>Banded tonalite gneiss; 8a, biotite-garnet tonalite gneiss, contains minor thin bands of quartzite and biotite schist; 8b, biotite-hornblende tonalite gneiss, contains bands of amphibolite, diorite schist and minor marble; 8c, medium-grained unbanded tonalite to granodiorite gneiss</i>
ARCHEAN	
MESOARCHEAN	
Nain Province (1 to 4)	
4	<i>Metagranite and metagranodiorite</i>
3	<i>Banded pyroxene-hornblende-biotite tonalite gneiss, locally grading to granite gneiss. Typically intruded by dykes and lenses of leucogranite pegmatite; 3a, tonalite gneiss without inclusions of mafic gneiss; 3b, tonalite gneiss containing numerous rafts and inclusion trains of mafic gneiss</i>
2	<i>Amphibolite, locally intruded by leucogranite pegmatite</i>
1	<i>Finely banded, fine-grained gabbro to tonalite gneiss; 1a, pyroxene-hornblende-biotite gabbro to diorite gneiss; 1b, pyroxene-hornblende-biotite tonalite gneiss, locally containing bands of Unit 1a. May be in part equivalent to Unit 3a; 1c, biotite-garnet tonalite gneiss, intruded by biotite-garnet leucogranite</i>

The elements Sn10_ppm and W10_ppm were analyzed using X-ray fluorescence by Midland Earth Sciences. U8_ppm was determined using instrumental neutron activation analysis by Nuclear Activation Services Ltd.

DATA QUALITY

To ensure the reliability of the analytical data, three means of monitoring data accuracy and precision were employed. During sample collection, 25 pairs of rock samples were collected from outcrops. These site duplicates were generally taken within a few metres of one another. Comparisons of these permit an appreciation of within-site data variation.

At the analytical stage, a sample split, or laboratory duplicate, was inserted within every batch of 20 samples and a certified reference standard of known composition was similarly included. The results of these duplicates were monitored to determine analytical precision. The results of the standards were used to ensure accuracy.

RESULTS AND DATA DESCRIPTION

The analytical and selected field data are provided for the reader in digital format on the accompanying CD or available for download from the Geological Survey website. The data are in an Excel file “OF_13N\0139_field_and_lithogeochemical_data.xls”; they can also be found in Appendix 1. The variables are described in a Microsoft Word file “Readme.doc” as well as in Appendix 2.

Summary Statistics

To quantify the range and distribution characteristics of the element populations, summary statistics have been calculated for two rock classifications. Table 2 includes rocks classified as medium- to coarse-grained, peralkaline granite (Unit 19a) and Table 3 includes samples of aphanitic to fine-grained, porphyritic granite (Unit 19b). Only samples described as “unweathered” or “slightly weathered” are included. Analyses of the second sample of site duplicate pairs are excluded. Statistics tabulated comprise the median, arithmetic mean, geometric mean, arithmetic standard deviation, logarithmic standard deviation, minimum and maximum. Because the distributions of most element populations are more log-normal than normal, the geometric means as well as arithmetic means are given.

ACKNOWLEDGMENTS

Students from Memorial University – Michelle Moore, Stephen Orr, Sheila Reid and Angus Simpson – provided excellent field assistance and good companionship. Wayne Tuttle, provided logistical support. Bruce Ryan reviewed the geology section, Steve Amor reviewed the manuscript and Terry Sears drafted the figures. All are thanked for their contributions.

Table 2. Summary statistics for samples of medium- to coarse-grained, equigranular, peralkaline granite (N=257)

Element	Median	Mean (Arithmetic)	Mean (Geometric)	Standard Deviation (Arithmetic)	Standard Deviation (Logarithmic)	Minimum	Maximum
SiO ₂ (wt. %)	73.65	73.01	72.95	3.06	0.02	57.4	78.05
Al ₂ O ₃ (wt. %)	11.64	11.76	11.73	0.80	0.03	9.79	14.77
Fe ₂ O ₃ (wt. %)	3.20	3.63	3.38	1.41	0.17	0.90	10.31
FeO* (wt. %)	2.10	2.74	2.26	1.82	0.28	0.74	7.46
MgO (wt. %)	0.08	0.12	0.08	0.16	0.37	0.01	1.47
CaO (wt. %)	0.49	0.61	0.50	0.51	0.25	0.06	3.52
Na ₂ O (wt. %)	4.15	4.20	4.17	0.44	0.04	3.09	6.37
K ₂ O (wt. %)	2.11	5.12	5.10	0.34	0.03	3.17	6.23
TiO ₂ (wt. %)	0.34	0.37	0.34	0.17	0.16	0.09	1.42
MnO (wt. %)	0.05	0.06	0.05	0.03	0.18	0.01	0.23
P ₂ O ₅ (wt. %)	0.03	0.04	0.03	0.07	0.31	0.01	0.78
LOI (wt. %)	0.56	0.57	0.54	0.18	0.16	0.1	1.27
Total (wt. %)	99.79	99.68	99.68	0.53	0.00	97.61	100.97
Ag6_ppm	0.1	0.1	0.1	0.04	0.06	0.1	0.7
As1_ppm	0.5	0.6	0.5	0.29	0.12	0.5	3
Au1_ppb	1.0	1.5	1.2	1.28	0.23	1.0	7.9
Ba1_ppm	180	251	152	330.68	0.46	20	2600
Ba2_ppm	162	226	149	308.80	0.37	10	2330
Be2_ppm	5.9	6.0	5.6	2.35	0.17	1.7	19.00
Br1_ppm	0.5	0.8	0.6	0.77	0.23	0.5	5.2
Ce1_ppm	310	318	300	110	0.16	63	905
Ce2_ppm	276	289	268	116.49	0.17	48	1009
Co1_ppm	1.0	1.3	1.1	1.38	0.17	1	12
Cr_fus_ppm	2	5	3	4.56	0.45	1	22
Cr1_ppm	10	18	15	11.10	0.23	10	71
Cs1_ppm	0.70	0.70	0.53	0.52	0.34	0.20	4.90
Cu2_ppm	4	5	4	2.34	0.19	2	13
Eu1_ppm	0.50	0.74	0.61	0.64	0.22	0.5	3.7
Fe1_percent	2.60	2.85	2.68	1.13	0.15	1.1	8.7
Ga2_ppm	27	27	27	4.85	0.12	1	46
Hf1_ppm	20	22.1	20.6	9.00	0.17	5.4	70
La1_ppm	170	179.1	166.3	69.91	0.18	31	617
La2_ppm	132	140	128	63.31	0.20	20	571
Li2_ppm	36	40	34	28.56	0.28	1	343
Lu1_ppm	0.43	0.43	0.38	0.17	0.27	0.02	1.00
Mo1_ppm	1	1.6	1.2	1.69	0.24	1	12
Mo2_ppm	4	5	4	2.54	0.19	2	16
Na1_percent	2.96	3.03	2.99	0.60	0.07	2.00	8.73
Nb2_ppm	54	55	51	22.09	0.17	17	168
Ni1_ppm	5	5	5	2.38	0.10	5	24
Ni2_ppm	1	1	1	0.29	0.06	1	5
Pb2_ppm	22	26	22	30.36	0.24	4	450
Rb1_ppm	140	147	141	41.76	0.12	51	430
Rb2_ppm	182	182	177	46.63	0.11	60	461
Sb1_ppm	0.05	0.12	0.07	0.22	0.34	0.05	1.3
Sc1_ppm	2.0	2.4	1.9	2.20	0.28	0.4	17

Table 2. Continued

Element	Median	Mean (Arithmetic)	Mean (Geometric)	Standard Deviation (Arithmetic)	Standard Deviation (Logarithmic)	Minimum	Maximum
Sm1_ppm	20.2	21.1	20.1	6.77	0.14	4.1	56.9
Sn10_ppm	11	12	11	4.88	0.19	1	40
Sr2_ppm	16	23	17	31.23	0.28	4	290
Ta1_ppm	3.20	3.30	2.99	1.57	0.19	1	15
Tb1_ppm	2.8	3.0	2.8	1.05	0.15	0.6	10
Th1_ppm	20.0	20.1	19.0	7	0.15	6.2	55.3
Th2_ppm	14	15.09	13.68	6.66	0.21	1	51
U1_ppm	2.8	2.9	2.7	1.28	0.18	0.8	11.0
U8_ppm	2.7	2.9	2.7	1.22	0.18	0.9	10.1
W_10_ppm	6	6	5	2.43	0.23	1	13
Y2_ppm	65	70	65	28.48	0.16	20	250
Yb1_ppm	9.3	9.61	9.03	3.54	0.15	2.9	28
Zn1_ppm	110	94	66	68.19	0.39	25	330
Zn2_ppm	125	134	128	42.10	0.13	46	293
Zr_fus_ppm	925	1050	946	514.01	0.20	147	4760
Zr1_ppm	800	873	748	459.39	0.27	100	3500
Zr2_ppm	459	542	464	335.55	0.24	68	2741

*For FeO, N=19

Table 3. Summary statistics for samples of aphanitic to fine-grained, porphyritic, peralkaline granite (N=14)

Element	Median	Mean (Arithmetic)	Standard Mean (Geometric)	Standard Deviation (Arithmetic)	Standard Deviation (Logarithmic)	Minimum	Maximum
SiO ₂ (wt. %)	74.20	74.05	74.03	1.53	0.01	69.2	75.8
Al ₂ O ₃ (wt. %)	11.51	11.65	11.63	0.75	0.03	10.09	13.28
Fe ₂ O ₃ (wt. %)	2.81	2.89	2.80	0.78	0.11	1.54	5.26
FeO* (wt. %)	3.11	3.11	3.11	.	.	3.11	3.11
MgO (wt. %)	0.10	0.11	0.08	0.06	0.41	0.01	0.22
CaO (wt. %)	0.46	0.43	0.38	0.21	0.24	0.1	0.99
Na ₂ O (wt. %)	3.86	3.87	3.87	0.16	0.02	3.59	4.1
K ₂ O (wt. %)	5.19	5.24	5.23	0.27	0.02	4.89	5.86
TiO ₂ (wt. %)	0.27	0.26	0.25	0.07	0.13	0.12	0.43
MnO (wt. %)	0.04	0.05	0.04	0.02	0.16	0.03	0.1
P ₂ O ₅ (wt. %)	0.03	0.03	0.03	0.01	0.24	0.01	0.05
LOI (wt. %)	0.42	0.49	0.47	0.14	0.12	0.28	0.77
Total (wt. %)	99.20	99.27	99.27	0.54	0.00	98.42	100.09
Ag6_ppm	0.1	0.1	0.1	0.00	0.00	0.1	0.1
As1_ppm	0.5	0.5	0.5	0.00	0.00	0.5	0.5
Au1_ppb	1.0	1.0	1.0	0.00	0.00	1.0	1
Ba1_ppm	250	241	201	103.48	0.34	20	460
Ba2_ppm	222	208	153	96.25	0.51	5	410
Be2_ppm	5.9	6.2	6.0	1.86	0.12	3.8	11.00
Br1_ppm	0.5	0.7	0.6	0.88	0.24	0.5	3.8
Ce1_ppm	290	287	253	130	0.26	47	638

Table 3. Continued

Element	Median	Mean (Arithmetic)	Standard Mean (Geometric)	Standard Deviation (Arithmetic)	Deviation (Logarithmic)	Minimum	Maximum
Ce2_ppm	269	292	263	140.18	0.21	86	689
Co1_ppm	1	1	1	0.00	0.00	1	1
Cr_fus_ppm	1	5	3	5.03	0.48	1	17
Cr1_ppm	10	16	13	15.01	0.24	10	65
Cs1_ppm	0.64	0.80	0.55	0.81	0.38	0.20	3.30
Cu2_ppm	3	13	5	24.36	0.51	2	76
Eu1_ppm	0.5	0.74	0.64	0.48	0.22	0.5	1.7
Fe1_percent	2.30	2.50	2.44	0.63	0.09	2	4.3
Ga2_ppm	24	25	25	5.18	0.08	19	38
Hf1_ppm	19	19.8	19.5	3.79	0.07	15	32
La1_ppm	160	164.6	139.6	89.71	0.30	19	429
La2_ppm	144	146	122	83.68	0.31	17	388
Li2_ppm	22	32	26	30.55	0.25	15	130
Lu1_ppm	0.53	0.48	0.42	0.16	0.30	0.04	0.67
Mo1_ppm	1	1.0	1.0	0.00	0.00	1	1
Mo2_ppm	4	4	4	1.99	0.14	3	11
Na1_percent	2.86	2.88	2.87	0.17	0.03	2.53	3.18
Nb2_ppm	56	58	56	16.60	0.12	30	106
Ni1_ppm	5	5	5	0.00	0.00	5	5
Ni2_ppm	1	1	1	0.27	0.08	1	2
Pb2_ppm	16	22	18	14.11	0.30	5	48
Rb1_ppm	180	181	180	19.79	0.05	150	230
Rb2_ppm	204	211	209	30.73	0.06	174	279
Sb1_ppm	0.05	0.08	0.06	0.07	0.25	0.05	0.28
Sc1_ppm	2.4	2.3	1.9	0.89	0.30	0.3	3.9
Sm1_ppm	17.0	17.2	15.8	7.25	0.20	4.6	38.4
Sn10_ppm	12	14	13	5.29	0.19	4	26
Sr2_ppm	18	17	14	8.35	0.40	1	37
Ta1_ppm	3.8	3.56	3.37	1.08	0.16	1.2	6.1
Tb1_ppm	2.5	2.7	2.5	0.97	0.17	0.9	5.3
Th1_ppm	23.9	21.7	20.6	6	0.16	8.6	29
Th2_ppm	20	17.07	13.62	7.99	0.39	1	28
U1_ppm	3.8	3.4	3.2	0.92	0.15	1.3	4.4
U8_ppm	3.4	3.2	3.0	0.94	0.16	1.1	4.7
W_10_ppm	5	5	4	2.77	0.34	1	11
Y2_ppm	72	79	76	25.66	0.13	43	154
Yb1_ppm	8.7	9.29	8.94	2.82	0.12	4.9	17
Zn1_ppm	25	78	56	61.64	0.37	25	220
Zn2_ppm	98	113	109	40.31	0.12	81	231
Zr_fus_ppm	823	865	850	178.44	0.08	648	1335
Zr1_ppm	690	786	744	307.69	0.14	440	1700
Zr2_ppm	621	579	554	158.73	0.14	239	819

*For FeO, N=1

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APPENDIX 1

Appendix 1. Field and Lithochemical Data. Note that values of ".99" indicate no data available

LabNum	FieldNum	Number	SampleMethod	MapSheet	Long_NAD27	Lat_NAD27	UTMZone	UTMEast	UTMNorth	Datum	Rock_group	RockType
4240023	4240023	23	Single grab sample	13N/11	-61.44520	55.50668	20	598200	6152060	NAD27	Flowers River Igneous Suite	granitic
4240024	4240024	24	Single grab sample	13N/11	-61.44520	55.50668	20	598200	6152060	NAD27	Flowers River Igneous Suite	granitic
4240025	4240025	25	Single grab sample	13N/12	-61.58471	55.50212	20	589400	6151365	NAD27	Nain Plutonic Suite	granitic
4240026	4240026	26	Single grab sample	13N/12	-61.52348	55.53065	20	593200	6154620	NAD27	Flowers River Igneous Suite	granitic
4240027	4240027	27	Single grab sample	13N/10	-60.95880	55.55472	20	628760	6158200	NAD27	Flowers River Igneous Suite	granitic
4240033	4240033	33	First of outcrop duplicate	13N/10	-60.99893	55.50128	20	626400	6152180	NAD27	Flowers River Igneous Suite	granitic
4240034	4240034	34	Second of outcrop duplicate	13N/10	-60.99893	55.50128	20	626400	6152180	NAD27	Flowers River Igneous Suite	granitic
4240035	4240035	35	Single grab sample	13N/10	-60.96414	55.50511	20	628585	6152670	NAD27	Flowers River Igneous Suite	granitic
4240036	4240036	36	Single grab sample	13N/10	-60.94101	55.51892	20	630000	6154250	NAD27	Flowers River Igneous Suite	granitic
4240037	4240037	37	Single grab sample	13N/10	-60.98056	55.55396	20	627390	6158075	NAD27	Flowers River Igneous Suite	granitic
4240038	4240038	38	Single grab sample	13N/10	-60.94908	55.54647	20	629400	6157300	NAD27	Flowers River Igneous Suite	granitic
4240041	4240041	41	Single grab sample	13N/10	-60.98861	55.52367	20	626980	6154690	NAD27	Flowers River Igneous Suite	granitic
4240042	4240042	42	Single grab sample	13N/10	-60.98012	55.55934	20	627400	6158675	NAD27	Flowers River Igneous Suite	granitic
4240043	4240043	43	Single grab sample	13N/10	-60.92923	55.56074	20	630605	6158925	NAD27	Flowers River Igneous Suite	granitic
4240044	4240044	44	Single grab sample	13N/10	-60.97655	55.56706	20	627600	6159675	NAD27	Flowers River Igneous Suite	granitic
4240045	4240045	45	Single grab sample	13N/10	-60.96564	55.56809	20	628285	6159675	NAD27	Flowers River Igneous Suite	granitic
4240046	4240046	46	Single grab sample	13N/10	-60.91951	55.57814	20	631160	6160880	NAD27	Flowers River Igneous Suite	granitic
4240047	4240047	47	Single grab sample	13N/10	-60.97432	55.61043	20	627600	6164370	NAD27	Flowers River Igneous Suite	granitic
4240048	4240048	48	Single grab sample	13N/10	-60.89838	55.59504	20	632435	6162800	NAD27	Flowers River Igneous Suite	granitic
4240049	4240049	49	Single grab sample	13N/10	-60.91806	55.60998	20	631145	6164425	NAD27	Flowers River Igneous Suite	granitic
4240050	4240050	50	Single grab sample	13N/10	-60.95336	55.58002	20	629020	6161025	NAD27	Flowers River Igneous Suite	granitic
4240051	4240051	51	Single grab sample	13N/10	-60.92209	55.59823	20	630930	6163110	NAD27	Flowers River Igneous Suite	granitic
4240052	4240052	52	Single grab sample	13N/10	-60.95675	55.61247	20	628700	6164630	NAD27	Flowers River Igneous Suite	granitic
4240053	4240053	53	Single grab sample	13N/10	-60.92516	55.63338	20	630620	6167015	NAD27	Flowers River Igneous Suite	granitic
4240054	4240054	54	Single grab sample	13N/10	-60.94442	55.63716	20	629395	6167400	NAD27	Flowers River Igneous Suite	granitic
4240055	4240055	55	Single grab sample	13N/10	-60.98779	55.64188	20	626650	6167845	NAD27	Flowers River Igneous Suite	granitic
4240056	4240056	56	Single grab sample	13N/10	-60.92029	55.54374	20	631225	6170750	NAD27	Flowers River Igneous Suite	granitic
4240057	4240057	57	Single grab sample	13N/10	-60.92765	55.65090	20	630405	6168960	NAD27	Flowers River Igneous Suite	granitic
4240058	4240058	58	Single grab sample	13N/10	-60.95024	55.64598	20	629000	6168370	NAD27	Flowers River Igneous Suite	granitic
4240061	4240061	61	Single grab sample	13N/10	-60.97381	55.65428	20	627490	6169250	NAD27	Flowers River Igneous Suite	granitic
4240063	4240063	63	Single grab sample	13N/11	-61.01126	55.60209	20	625300	6163375	NAD27	Flowers River Igneous Suite	granitic
4240064	4240064	64	Single grab sample	13N/11	-61.02018	55.61414	20	624700	6164700	NAD27	Flowers River Igneous Suite	granitic
4240065	4240065	65	Single grab sample	13N/11	-61.02565	55.63176	20	624300	6166650	NAD27	Flowers River Igneous Suite	granitic
4240066	4240066	66	Single grab sample	13N/11	-61.02362	55.52994	20	624750	6155325	NAD27	Flowers River Igneous Suite	granitic
4240067	4240067	67	Single grab sample	13N/11	-61.01795	55.51659	20	625150	6153850	NAD27	Flowers River Igneous Suite	granitic
4240068	4240068	68	Single grab sample	13N/11	-61.07579	55.51617	20	621500	6153700	NAD27	Flowers River Igneous Suite	granitic
4240069	4240069	69	Single grab sample	13N/11	-61.08688	55.52421	20	620775	6154575	NAD27	Flowers River Igneous Suite	granitic
4240070	4240070	70	Single grab sample	13N/11	-61.06174	55.52808	20	622350	6155050	NAD27	Flowers River Igneous Suite	granitic
4240071	4240071	71	Single grab sample	13N/11	-61.11551	55.51364	20	619000	6154950	NAD27	Flowers River Igneous Suite	granitic
4240072	4240072	72	First of outcrop duplicate	13N/11	-61.14015	55.52840	20	617400	6154950	NAD27	Flowers River Igneous Suite	granitic
4240073	4240073	73	Second of outcrop duplicate	13N/11	-61.14015	55.52840	20	617400	6154950	NAD27	Flowers River Igneous Suite	granitic
4240074	4240074	74	Single grab sample	13N/11	-61.15380	55.54141	20	616500	6156375	NAD27	Flowers River Igneous Suite	granitic
4240075	4240075	75	Single grab sample	13N/11	-61.13681	55.51532	20	617650	6153500	NAD27	Flowers River Igneous Suite	granitic
4240076	4240076	76	Single grab sample	13N/11	-61.16892	55.52299	20	615600	6154300	NAD27	Flowers River Igneous Suite	granitic
4240077	4240077	77	Single grab sample	13N/11	-61.17929	55.50427	20	615000	6152200	NAD27	Flowers River Igneous Suite	granitic
4240078	4240078	78	Single grab sample	13N/11	-61.20700	55.50423	20	613250	6152150	NAD27	Flowers River Igneous Suite	granitic
4240081	4240081	81	Single grab sample	13N/11	-61.07349	55.74126	20	620950	6178750	NAD27	Flowers River Igneous Suite	granitic
4240082	4240082	82	Single grab sample	13N/11	-61.17273	55.73963	20	614725	6178400	NAD27	Flowers River Igneous Suite	granitic
4240083	4240083	83	Single grab sample	13N/11	-61.09760	55.73670	20	619450	6178200	NAD27	Flowers River Igneous Suite	granitic
4240084	4240084	84	Single grab sample	13N/11	-61.08244	55.72927	20	620425	6177400	NAD27	Flowers River Igneous Suite	granitic

Appendix 1. Field and Litho geochemical Data. Note that values of ".99" indicate no data available

LabNum	FieldNum	Number	SampleMethod	MapSheet	Long_NAD27	Lat_NAD27	UTMZone	UTMEast	UTMNorth	Datum	Rock_group	RockType
4240085	4240085	85	Single grab sample	13N/11	-61.10438	55.72826	20	619050	6177250	NAD27	Flowers River Igneous Suite	granitic
4240086	4240086	86	Single grab sample	13N/11	-61.14296	55.72076	20	616650	6176350	NAD27	Flowers River Igneous Suite	granitic
4240087	4240087	87	Single grab sample	13N/11	-61.08522	55.71134	20	620300	6175600	NAD27	Flowers River Igneous Suite	granitic
4240088	4240088	88	Single grab sample	13N/11	-61.10901	55.71485	20	618800	6175750	NAD27	Flowers River Igneous Suite	granitic
4240089	4240089	89	Single grab sample	13N/11	-61.12885	55.71606	20	617550	6175850	NAD27	Flowers River Igneous Suite	granitic
4240090	4240090	90	Single grab sample	13N/11	-61.16209	55.72015	20	615450	6176250	NAD27	Flowers River Igneous Suite	granitic
4240091	4240091	91	First of outcrop duplicate	13N/11	-61.20966	55.72445	20	612450	6176650	NAD27	Flowers River Igneous Suite	granitic
4240092	4240092	92	Second of outcrop duplicate	13N/11	-61.20489	55.72438	20	612750	6176650	NAD27	Flowers River Igneous Suite	granitic
4240093	4240093	93	Single grab sample	13N/11	-61.21366	55.70654	20	612250	6174650	NAD27	Flowers River Igneous Suite	granitic
4240094	4240094	94	Single grab sample	13N/15	-60.96504	55.81995	20	627500	6187700	NAD27	Flowers River Igneous Suite	granitic
4240095	4240095	95	Single grab sample	13N/14	-61.00528	55.81342	20	625000	6186900	NAD27	Flowers River Igneous Suite	granitic
4240096	4240096	96	Single grab sample	13N/14	-61.03039	55.82191	20	623400	6187800	NAD27	Flowers River Igneous Suite	granitic
4240097	4240097	97	Single grab sample	13N/14	-61.01588	55.79337	20	624400	6184650	NAD27	Flowers River Igneous Suite	granitic
4240098	4240098	98	Single grab sample	13N/14	-61.04282	55.79695	20	622700	6185000	NAD27	Flowers River Igneous Suite	granitic
4240101	4240101	101	Single grab sample	13N/14	-61.04761	55.78085	20	622450	6183200	NAD27	Flowers River Igneous Suite	granitic
4240102	4240102	102	Single grab sample	13N/14	-61.06405	55.78695	20	621400	6183850	NAD27	Flowers River Igneous Suite	granitic
4240103	4240103	103	Single grab sample	13N/14	-61.14833	55.79229	20	616100	6184300	NAD27	Flowers River Igneous Suite	granitic
4240104	4240104	104	Single grab sample	13N/14	-61.13140	55.81270	20	617100	6186600	NAD27	Flowers River Igneous Suite	granitic
4240105	4240105	105	Single grab sample	13N/14	-61.16484	55.78041	20	615100	6182950	NAD27	Flowers River Igneous Suite	granitic
4240106	4240106	106	Single grab sample	13N/14	-61.13368	55.78173	20	617050	6183150	NAD27	Flowers River Igneous Suite	granitic
4240107	4240107	107	Single grab sample	13N/14	-61.12844	55.75797	20	615850	6187800	NAD27	Flowers River Igneous Suite	granitic
4240108	4240108	108	Single grab sample	13N/14	-61.22844	55.75953	20	612225	6180550	NAD27	Flowers River Igneous Suite	granitic
4240109	4240109	109	Single grab sample	13N/14	-61.21164	55.75953	20	613250	6183400	NAD27	Flowers River Igneous Suite	granitic
4240110	4240110	110	Single grab sample	13N/14	-61.19413	55.78488	20	611800	6183750	NAD27	Flowers River Igneous Suite	granitic
4240111	4240111	111	First of outcrop duplicate	13N/14	-61.21710	55.78836	20	611800	6183750	NAD27	Flowers River Igneous Suite	granitic
4240112	4240112	112	Second of outcrop duplicate	13N/14	-61.21710	55.78836	20	611800	6183750	NAD27	Flowers River Igneous Suite	granitic
4240113	4240113	113	Single grab sample	13N/14	-61.23553	55.79515	20	610625	6184475	NAD27	Flowers River Igneous Suite	granitic
4240114	4240114	114	Single grab sample	13N/14	-61.27132	55.79745	20	608375	6184675	NAD27	Flowers River Igneous Suite	granitic
4240115	4240115	115	Single grab sample	13N/14	-61.28894	55.78669	20	607300	6183450	NAD27	Flowers River Igneous Suite	granitic
4240116	4240116	116	Single grab sample	13N/14	-61.20542	55.81695	20	612450	6186950	NAD27	Flowers River Igneous Suite	granitic
4240117	4240117	117	Single grab sample	13N/14	-61.24302	55.81480	20	610100	6186650	NAD27	Flowers River Igneous Suite	granitic
4240118	4240118	118	Single grab sample	13N/14	-61.25875	55.81997	20	609100	6187200	NAD27	Flowers River Igneous Suite	granitic
4240121	4240121	121	Single grab sample	13N/14	-61.09515	55.85236	20	619250	6191075	NAD27	Flowers River Igneous Suite	granitic
4240122	4240122	122	Single grab sample	13N/14	-61.13878	55.84202	20	616550	6189850	NAD27	Flowers River Igneous Suite	granitic
4240123	4240123	123	First of outcrop duplicate	13N/14	-61.16297	55.85407	20	615000	6191150	NAD27	Flowers River Igneous Suite	granitic
4240124	4240124	124	Second of outcrop duplicate	13N/14	-61.16297	55.85407	20	615000	6191150	NAD27	Flowers River Igneous Suite	granitic
4240125	4240125	125	Single grab sample	13N/14	-61.19596	55.83164	20	613000	6188600	NAD27	Flowers River Igneous Suite	granitic
4240126	4240126	126	Single grab sample	13N/14	-61.15993	55.83380	20	615250	6188900	NAD27	Flowers River Igneous Suite	granitic
4240127	4240127	127	Single grab sample	13N/14	-61.22061	55.83380	20	611450	6188800	NAD27	Flowers River Igneous Suite	granitic
4240128	4240128	128	Single grab sample	13N/14	-61.25837	55.75705	20	609300	6180200	NAD27	Flowers River Igneous Suite	granitic
4240129	4240129	129	Single grab sample	13N/14	-61.27464	55.78559	20	608200	6183350	NAD27	Flowers River Igneous Suite	granitic
4240130	4240130	130	Single grab sample	13N/14	-61.34640	55.75737	20	603775	6180100	NAD27	Flowers River Igneous Suite	granitic
4240131	4240131	131	Single grab sample	13N/14	-61.25826	55.83097	20	609100	6188425	NAD27	Flowers River Igneous Suite	granitic
4240132	4240132	132	Single grab sample	13N/14	-61.22525	55.84577	20	611125	6190125	NAD27	Flowers River Igneous Suite	granitic
4240133	4240133	133	First of outcrop duplicate	13N/14	-61.18200	55.85705	20	613800	6191450	NAD27	Flowers River Igneous Suite	granitic
4240134	4240134	134	Second of outcrop duplicate	13N/14	-61.18200	55.85705	20	613800	6191450	NAD27	Flowers River Igneous Suite	granitic
4240135	4240135	135	Single grab sample	13N/14	-61.32890	55.85913	20	604600	6191450	NAD27	Flowers River Igneous Suite	granitic
4240136	4240136	136	Single grab sample	13N/14	-61.29911	55.90096	20	606350	6196150	NAD27	Flowers River Igneous Suite	granitic
4240137	4240137	137	Single grab sample	13N/14	-61.38926	55.94486	20	600600	6200900	NAD27	Flowers River Igneous Suite	granitic
4240138	4240138	138	Single grab sample	13N/14	-61.38412	55.83740	20	601200	6188950	NAD27	Flowers River Igneous Suite	granitic

Appendix 1. Field and Litho geochemical Data. Note that values of "-.99" indicate no data available

LabNum	FieldNum	Number	SampleMethod	MapSheet	Long_NAD27	Lat_NAD27	UTMZone	UTMEast	UTMNorth	Datum	Rock_group	RockType
4240141	4240141	141	Single grab sample	13N/14	-61.39874	55.81198	20	600350	6186100	NAD27	Flowers River Igneous Suite	granitic
4240142	4240142	142	Single grab sample	13N/14	-61.44995	55.77827	20	597225	6182275	NAD27	Flowers River Igneous Suite	granitic
4240143	4240143	143	Single grab sample	13N/14	-61.47413	55.84305	20	595550	6189450	NAD27	Flowers River Igneous Suite	granitic
4240144	4240144	144	Single grab sample	13N/14	-61.47183	55.82010	20	595750	6186900	NAD27	Flowers River Igneous Suite	granitic
4240145	4240145	145	Single grab sample	13N/14	-61.49010	55.84302	20	594550	6189425	NAD27	Flowers River Igneous Suite	granitic
4240146	4240146	146	Single grab sample	13N/14	-61.47460	55.76981	20	595700	6181300	NAD27	Flowers River Igneous Suite	granitic
4240147	4240147	147	Single grab sample	13N/14	-61.35416	55.75298	20	603300	6179600	NAD27	Flowers River Igneous Suite	granitic
4240148	4240148	148	Single grab sample	13N/11	-61.38249	55.74213	20	601550	6178350	NAD27	Flowers River Igneous Suite	granitic
4240149	4240149	149	Single grab sample	13N/11	-61.44581	55.73216	20	597600	6177150	NAD27	Flowers River Igneous Suite	granitic
4240150	4240150	150	Single grab sample	13N/11	-61.36833	55.72823	20	602475	6176825	NAD27	Flowers River Igneous Suite	granitic
4240151	4240151	151	Single grab sample	13N/11	-61.43300	55.73379	20	598400	617750	NAD27	Flowers River Igneous Suite	granitic
4240152	4240152	152	Single grab sample	13N/11	-61.39407	55.73172	20	600850	6177175	NAD27	Flowers River Igneous Suite	granitic
4240153	4240153	153	Single grab sample	13N/11	-61.30872	55.74428	20	606175	6178700	NAD27	Flowers River Igneous Suite	granitic
4240154	4240154	154	Single grab sample	13N/11	-61.32138	55.72760	20	605425	6176825	NAD27	Flowers River Igneous Suite	granitic
4240155	4240155	155	First of outcrop duplicate	13N/11	-61.30355	55.72938	20	606540	6177050	NAD27	Flowers River Igneous Suite	granitic
4240156	4240156	156	Second of outcrop duplicate	13N/11	-61.28419	55.72938	20	606540	6177050	NAD27	Flowers River Igneous Suite	granitic
4240157	4240157	157	Single grab sample	13N/11	-61.33512	55.71368	20	607800	6175300	NAD27	Flowers River Igneous Suite	granitic
4240158	4240158	158	Single grab sample	13N/11	-61.26697	55.74280	20	604600	6175250	NAD27	Flowers River Igneous Suite	granitic
4240161	4240161	161	Single grab sample	13N/11	-61.26697	55.74280	20	608800	6178600	NAD27	Flowers River Igneous Suite	granitic
4240162	4240162	162	Single grab sample	13N/11	-61.24635	55.74071	20	610100	6178400	NAD27	Flowers River Igneous Suite	granitic
4240163	4240163	163	Single grab sample	13N/11	-61.18874	55.73785	20	613725	6178175	NAD27	Flowers River Igneous Suite	granitic
4240164	4240164	164	Single grab sample	13N/13	-61.75270	55.88370	20	578025	6193625	NAD27	Flowers River Igneous Suite	granitic
4240165	4240165	165	First of outcrop duplicate	13N/13	-61.76767	55.90070	20	577055	6195500	NAD27	Flowers River Igneous Suite	granitic
4240166	4240166	166	Second of outcrop duplicate	13N/13	-61.76767	55.90070	20	577055	6195500	NAD27	Flowers River Igneous Suite	granitic
4240167	4240167	167	Single grab sample	13N/13	-61.75936	55.91297	20	577550	6196875	NAD27	Flowers River Igneous Suite	granitic
4240168	4240168	168	Single grab sample	13N/13	-61.72941	55.93625	20	579375	6199500	NAD27	Flowers River Igneous Suite	granitic
4240169	4240169	169	Single grab sample	13N/13	-61.69988	55.93348	20	581225	6199225	NAD27	Flowers River Igneous Suite	granitic
4240170	4240170	170	Single grab sample	13N/13	-61.71017	55.94908	20	580550	6200950	NAD27	Flowers River Igneous Suite	granitic
4240171	4240171	171	Single grab sample	13N/13	-61.67889	55.95055	20	582500	6201150	NAD27	Flowers River Igneous Suite	granitic
4240172	4240172	172	Single grab sample	13N/13	-61.62628	55.95514	20	585775	6201725	NAD27	Flowers River Igneous Suite	granitic
4240173	4240173	173	Single grab sample	13N/13	-61.61470	55.95434	20	586500	6201650	NAD27	Flowers River Igneous Suite	granitic
4240174	4240174	174	Single grab sample	13N/13	-61.58730	55.95897	20	588200	6202200	NAD27	Flowers River Igneous Suite	granitic
4240175	4240175	175	Single grab sample	13N/13	-61.61430	55.96557	20	586500	6202900	NAD27	Flowers River Igneous Suite	granitic
4240176	4240176	176	Single grab sample	13N/13	-61.60471	55.96478	20	587100	6202825	NAD27	Flowers River Igneous Suite	granitic
4240177	4240177	177	Single grab sample	13N/13	-61.57141	55.97721	20	589150	6204250	NAD27	Flowers River Igneous Suite	granitic
4240178	4240178	178	Single grab sample	13N/13	-61.56217	55.96721	20	589750	6203150	NAD27	Flowers River Igneous Suite	granitic
4240181	4240181	181	Single grab sample	13N/13	-61.54809	55.95806	20	590650	6202150	NAD27	Flowers River Igneous Suite	granitic
4240182	4240182	182	Single grab sample	13N/13	-61.57575	55.92469	20	589000	6198400	NAD27	Flowers River Igneous Suite	granitic
4240183	4240183	183	Single grab sample	13N/13	-61.54314	55.91937	20	591050	6197850	NAD27	Flowers River Igneous Suite	granitic
4240184	4240184	184	First of outcrop duplicate	13N/13	-61.55342	55.92263	20	590400	6198200	NAD27	Flowers River Igneous Suite	granitic
4240185	4240185	185	Second of outcrop duplicate	13N/13	-61.55342	55.92263	20	590400	6198200	NAD27	Flowers River Igneous Suite	granitic
4240186	4240186	186	Single grab sample	13N/13	-61.54314	55.91937	20	591050	6197850	NAD27	Flowers River Igneous Suite	granitic
4240187	4240187	187	Single grab sample	13N/13	-61.57915	55.91911	20	588800	6197775	NAD27	Flowers River Igneous Suite	granitic
4240188	4240188	188	Single grab sample	13N/13	-61.60657	55.92437	20	587075	6198325	NAD27	Flowers River Igneous Suite	granitic
4240189	4240189	189	Single grab sample	13N/13	-61.60125	55.91644	20	587425	6197450	NAD27	Flowers River Igneous Suite	granitic
4240190	4240190	190	Single grab sample	13N/13	-61.77799	55.75299	20	576700	6179050	NAD27	Flowers River Igneous Suite	granitic
4240191	4240191	191	Single grab sample	13N/13	-61.74527	55.75468	20	578750	6179275	NAD27	Flowers River Igneous Suite	granitic
4240192	4240192	192	Single grab sample	13N/13	-61.71982	55.75352	20	580350	6179175	NAD27	Flowers River Igneous Suite	granitic
4240193	4240193	193	Single grab sample	13N/13	-61.77191	55.76910	20	577050	6180850	NAD27	Flowers River Igneous Suite	granitic
4240194	4240194	194	Single grab sample	13N/13	-61.79725	55.77429	20	575450	6181400	NAD27	Flowers River Igneous Suite	granitic

Appendix 1. Field and Lithochemical Data. Note that values of ".99" indicate no data available

LabNum	FieldNum	Number	SampleMethod	MapSheet	Long_NAD27	Lat_NAD27	UTMZone	UTMEast	UTMNorth	Datum	Rock_group	RockType
4240195	4240195	195	Single grab sample	13N/13	-61.79079	55.78995	20	575825	6183150	NAD27	Flowers River Igneous Suite	granitic
4240196	4240196	196	Single grab sample	13N/13	-61.74356	55.77084	20	578825	6181075	NAD27	Flowers River Igneous Suite	granitic
4240197	4240197	197	Single grab sample	13N/13	-61.71774	55.76832	20	580450	6180825	NAD27	Flowers River Igneous Suite	granitic
4240198	4240198	198	Single grab sample	13N/13	-61.70561	55.78549	20	581175	6182750	NAD27	Flowers River Igneous Suite	granitic
4240201	4240201	201	Single grab sample	13N/13	-61.77119	55.79201	20	577050	6183400	NAD27	Flowers River Igneous Suite	granitic
4240202	4240202	202	Single grab sample	13N/13	-61.74562	55.79355	20	578650	6183600	NAD27	Flowers River Igneous Suite	granitic
4240203	4240203	203	Single grab sample	13N/13	-61.73699	55.80154	20	579175	6184500	NAD27	Flowers River Igneous Suite	granitic
4240204	4240204	204	Single grab sample	13N/13	-61.80763	55.80000	20	574750	6184250	NAD27	Flowers River Igneous Suite	granitic
4240205	4240205	205	Single grab sample	13N/13	-61.78489	55.80023	20	576175	6184300	NAD27	Flowers River Igneous Suite	granitic
4240206	4240206	206	Single grab sample	13N/13	-61.78826	55.82003	20	575925	6186500	NAD27	Flowers River Igneous Suite	granitic
4240207	4240207	207	Single grab sample	13N/14	-61.43305	55.79221	20	598250	6183850	NAD27	Flowers River Igneous Suite	granitic
4240208	4240208	208	Single grab sample	13N/14	-61.40781	55.80491	20	599800	6185300	NAD27	Flowers River Igneous Suite	granitic
4240209	4240209	209	Single grab sample	13N/13	-61.56482	55.76551	20	590050	6180700	NAD27	Flowers River Igneous Suite	granitic
4240210	4240210	210	Single grab sample	13N/13	-61.56896	55.78308	20	589750	6182650	NAD27	Flowers River Igneous Suite	granitic
4240211	4240211	211	Single grab sample	13N/13	-61.55486	55.78696	20	590625	6183100	NAD27	Flowers River Igneous Suite	granitic
4240212	4240212	212	Single grab sample	13N/13	-61.75996	55.84401	20	577650	6189200	NAD27	Flowers River Igneous Suite	granitic
4240213	4240213	213	Single grab sample	13N/13	-61.79998	55.84126	20	575150	6188850	NAD27	Flowers River Igneous Suite	granitic
4240214	4240214	214	Single grab sample	13N/13	-61.81632	55.85535	20	574100	6190400	NAD27	Flowers River Igneous Suite	granitic
4240215	4240215	215	First of outcrop duplicate	13N/13	-61.77841	55.81589	20	576550	6186050	NAD27	Flowers River Igneous Suite	granitic
4240216	4240216	216	Second of outcrop duplicate	13N/13	-61.77841	55.81589	20	576550	6186050	NAD27	Flowers River Igneous Suite	granitic
4240217	4240217	217	Single grab sample	13N/13	-61.63892	55.80027	20	585325	6184475	NAD27	Flowers River Igneous Suite	granitic
4240218	4240218	218	Single grab sample	13N/13	-61.59367	55.81639	20	588125	6186325	NAD27	Flowers River Igneous Suite	granitic
4240221	4240221	221	Single grab sample	13N/13	-61.61954	55.81825	20	586500	6186500	NAD27	Flowers River Igneous Suite	granitic
4240222	4240222	222	Single grab sample	13N/13	-61.62380	55.81066	20	586250	6185650	NAD27	Flowers River Igneous Suite	granitic
4240223	4240223	223	Single grab sample	13N/13	-61.52155	55.80341	20	592675	6184975	NAD27	Flowers River Igneous Suite	granitic
4240224	4240224	224	Single grab sample	13N/13	-61.50157	55.81463	20	593900	6186250	NAD27	Flowers River Igneous Suite	granitic
4240225	4240225	225	Single grab sample	13N/12	-61.62208	55.67855	20	586650	6170950	NAD27	Flowers River Igneous Suite	granitic
4240226	4240226	226	Single grab sample	13N/12	-61.59795	55.69715	20	588125	6173050	NAD27	Flowers River Igneous Suite	granitic
4240227	4240227	227	Single grab sample	13N/12	-61.61759	55.71557	20	586850	6175075	NAD27	Flowers River Igneous Suite	granitic
4240228	4240228	228	Single grab sample	13N/12	-61.54082	55.72524	20	591650	6176250	NAD27	Flowers River Igneous Suite	granitic
4240229	4240229	229	Single grab sample	13N/12	-61.55101	55.71884	20	591025	6175525	NAD27	Flowers River Igneous Suite	granitic
4240230	4240230	230	Single grab sample	13N/12	-61.52224	55.73243	20	592800	6177075	NAD27	Flowers River Igneous Suite	granitic
4240231	4240231	231	Single grab sample	13N/12	-61.58354	55.73270	20	588950	6177025	NAD27	Flowers River Igneous Suite	granitic
4240232	4240232	232	First of outcrop duplicate	13N/12	-61.60162	55.73920	20	587800	6177725	NAD27	Flowers River Igneous Suite	granitic
4240233	4240233	233	Second of outcrop duplicate	13N/12	-61.60162	55.73920	20	587800	6177725	NAD27	Flowers River Igneous Suite	granitic
4240234	4240234	234	Single grab sample	13N/12	-61.61433	55.72901	20	587025	6176575	NAD27	Flowers River Igneous Suite	granitic
4240235	4240235	235	Single grab sample	13N/13	-61.50286	55.76028	20	593950	6180200	NAD27	Flowers River Igneous Suite	granitic
4240236	4240236	236	Single grab sample	13N/12	-61.50831	55.74259	20	593650	6178225	NAD27	Flowers River Igneous Suite	granitic
4240237	4240237	237	Single grab sample	13N/12	-61.61923	55.74816	20	586675	6178700	NAD27	Flowers River Igneous Suite	granitic
4240238	4240238	238	Single grab sample	13N/12	-61.58695	55.74869	20	588700	6178800	NAD27	Flowers River Igneous Suite	granitic
4240241	4240241	241	Single grab sample	13N/13	-61.56035	55.75692	20	590350	6179750	NAD27	Flowers River Igneous Suite	granitic
4240242	4240242	242	Single grab sample	13N/13	-61.63451	55.77798	20	585650	6182000	NAD27	Flowers River Igneous Suite	granitic
4240243	4240243	243	Single grab sample	13N/13	-61.62304	55.78684	20	586350	6183000	NAD27	Flowers River Igneous Suite	granitic
4240244	4240244	244	First of outcrop duplicate	13N/13	-61.58742	55.87877	20	588375	6193275	NAD27	Flowers River Igneous Suite	granitic
4240245	4240245	245	Second of outcrop duplicate	13N/13	-61.58742	55.87877	20	588375	6193275	NAD27	Flowers River Igneous Suite	granitic
4240246	4240246	246	Single grab sample	13N/13	-61.58684	55.86169	20	588450	6191375	NAD27	Flowers River Igneous Suite	granitic
4240247	4240247	247	Single grab sample	13N/13	-61.61129	55.85927	20	586925	6191075	NAD27	Flowers River Igneous Suite	granitic
4240248	4240248	248	Single grab sample	13N/13	-61.58654	55.87000	20	588450	6192300	NAD27	Flowers River Igneous Suite	granitic
4240249	4240249	249	Single grab sample	13N/13	-61.53564	55.86356	20	591650	6191650	NAD27	Flowers River Igneous Suite	granitic
4240250	4240250	250	Single grab sample	13N/13	-61.51091	55.87293	20	593175	6192725	NAD27	Flowers River Igneous Suite	granitic

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LabNum	FieldNum	Number	SampleMethod	MapSheet	Long_NAD27	Lat_NAD27	UTMZone	UTMEast	UTMNorth	Datum	Rock_group	RockType
4240251	4240251	251	Single grab sample	13N/13	-61.55153	55.84443	20	590700	6189500	NAD27	Flowers River Igneous Suite	granitic
4240252	4240252	252	Single grab sample	13N/13	-61.52669	55.84683	20	592250	6189800	NAD27	Flowers River Igneous Suite	granitic
4240253	4240253	253	Single grab sample	13N/13	-61.50693	55.86209	20	593450	6191525	NAD27	Flowers River Igneous Suite	granitic
4240254	4240254	254	Single grab sample	13N/13	-61.56620	55.84730	20	589775	6189800	NAD27	Flowers River Igneous Suite	granitic
4240255	4240255	255	Single grab sample	13N/13	-61.61692	55.84698	20	586600	6189700	NAD27	Flowers River Igneous Suite	granitic
4240256	4240256	256	Single grab sample	13N/13	-61.63113	55.85163	20	585700	6190200	NAD27	Flowers River Igneous Suite	granitic
4240257	4240257	257	Single grab sample	13N/12	-61.51103	55.69230	20	593600	6172625	NAD27	Flowers River Igneous Suite	granitic
4240258	4240258	258	Single grab sample	13N/12	-61.74818	55.62666	20	578825	6165025	NAD27	Flowers River Igneous Suite	granitic
4240261	4240261	261	Single grab sample	13N/12	-61.70593	55.63161	20	581475	6165625	NAD27	Flowers River Igneous Suite	granitic
4240262	4240262	262	Single grab sample	13N/12	-61.77086	55.62486	20	577400	6164800	NAD27	Flowers River Igneous Suite	granitic
4240263	4240263	263	Single grab sample	13N/12	-61.74985	55.63656	20	578700	6166125	NAD27	Flowers River Igneous Suite	granitic
4240265	4240265	265	Single grab sample	13N/12	-61.73778	55.66586	20	579400	6169400	NAD27	Flowers River Igneous Suite	granitic
4240266	4240266	266	Single grab sample	13N/12	-61.70373	55.63788	20	581600	6166325	NAD27	Flowers River Igneous Suite	granitic
4240267	4240267	267	Single grab sample	13N/12	-61.68221	55.64012	20	582950	6166600	NAD27	Flowers River Igneous Suite	granitic
4240268	4240268	268	First of outcrop duplicate	13N/12	-61.71230	55.66717	20	581000	6169575	NAD27	Flowers River Igneous Suite	granitic
4240269	4240269	269	Second of outcrop duplicate	13N/12	-61.71230	55.66717	20	581000	6169575	NAD27	Flowers River Igneous Suite	granitic
4240270	4240270	270	Single grab sample	13N/12	-61.68100	55.67605	20	582950	6170600	NAD27	Flowers River Igneous Suite	granitic
4240271	4240271	271	Single grab sample	13N/12	-61.70338	55.68460	20	581525	6171525	NAD27	Flowers River Igneous Suite	granitic
4240272	4240272	272	Single grab sample	13N/12	-61.68762	55.66826	20	582550	6169725	NAD27	Flowers River Igneous Suite	granitic
4240273	4240273	273	Single grab sample	13N/12	-61.71377	55.69527	20	580850	6172700	NAD27	Flowers River Igneous Suite	granitic
4240274	4240274	274	Single grab sample	13N/12	-61.74672	55.69718	20	578775	6172875	NAD27	Flowers River Igneous Suite	granitic
4240275	4240275	275	Single grab sample	13N/12	-61.74046	55.68162	20	579200	6171150	NAD27	Flowers River Igneous Suite	granitic
4240276	4240276	276	Single grab sample	13N/12	-61.68979	55.69861	20	582350	6173100	NAD27	Flowers River Igneous Suite	granitic
4240277	4240277	277	Single grab sample	13N/12	-61.69152	55.71840	20	582200	6175300	NAD27	Flowers River Igneous Suite	granitic
4240278	4240278	278	Single grab sample	13N/12	-61.73525	55.71975	20	579450	6175400	NAD27	Flowers River Igneous Suite	granitic
4240281	4240281	281	Single grab sample	13N/12	-61.71061	55.71860	20	581000	6175300	NAD27	Flowers River Igneous Suite	granitic
4240282	4240282	282	Single grab sample	13N/12	-61.77340	55.72171	20	577050	6175575	NAD27	Flowers River Igneous Suite	granitic
4240283	4240283	283	Single grab sample	13N/12	-61.76167	55.74002	20	577750	6177625	NAD27	Flowers River Igneous Suite	granitic
4240284	4240284	284	Single grab sample	13N/12	-61.74568	55.74188	20	578750	6177850	NAD27	Flowers River Igneous Suite	granitic
4240285	4240285	285	Single grab sample	13N/12	-61.77877	55.74086	20	576675	6177700	NAD27	Flowers River Igneous Suite	granitic
4240286	4240286	286	First of outcrop duplicate	13N/12	-61.54158	55.64077	20	591800	6166850	NAD27	Flowers River Igneous Suite	granitic
4240287	4240287	287	Second of outcrop duplicate	13N/12	-61.54158	55.64077	20	591800	6166850	NAD27	Flowers River Igneous Suite	granitic
4240288	4240288	288	Single grab sample	13N/12	-61.56389	55.59566	20	590500	6161800	NAD27	Flowers River Igneous Suite	granitic
4240289	4240289	289	Single grab sample	13N/12	-61.51623	55.63890	20	593400	6166675	NAD27	Flowers River Igneous Suite	granitic
4240290	4240290	290	Single grab sample	13N/12	-61.53635	55.61061	20	592200	6163500	NAD27	Flowers River Igneous Suite	granitic
4240291	4240291	291	Single grab sample	13N/12	-61.55396	55.60228	20	591110	6162550	NAD27	Flowers River Igneous Suite	granitic
4240292	4240292	292	Single grab sample	13N/12	-61.57865	55.58235	20	589600	6160300	NAD27	Flowers River Igneous Suite	granitic
4240293	4240293	293	Single grab sample	13N/12	-61.56717	55.57076	20	590350	6159025	NAD27	Flowers River Igneous Suite	granitic
4240294	4240294	294	Single grab sample	13N/12	-61.58178	55.57250	20	589425	6159200	NAD27	Flowers River Igneous Suite	granitic
4240295	4240295	295	Single grab sample	13N/11	-61.18113	55.69599	20	614325	6173530	NAD27	Flowers River Igneous Suite	granitic
4240296	4240296	296	Single grab sample	13N/11	-61.22878	55.69956	20	611320	6173850	NAD27	Flowers River Igneous Suite	granitic
4240297	4240297	297	Single grab sample	13N/11	-61.19958	55.66845	20	613245	6170435	NAD27	Flowers River Igneous Suite	granitic
4240298	4240298	298	Single grab sample	13N/11	-61.24597	55.70314	20	610230	6174220	NAD27	Flowers River Igneous Suite	granitic
4240301	4240301	301	Single grab sample	13N/11	-61.26064	55.70950	20	609290	6174905	NAD27	Flowers River Igneous Suite	granitic
4240302	4240302	302	Single grab sample	13N/11	-61.26341	55.73322	20	609050	6177540	NAD27	Flowers River Igneous Suite	granitic
4240303	4240303	303	Single grab sample	13N/11	-61.25803	55.70030	20	609480	6173885	NAD27	Flowers River Igneous Suite	granitic
4240304	4240304	304	Single grab sample	13N/11	-61.23804	55.73430	20	610640	6177700	NAD27	Flowers River Igneous Suite	granitic
4240305	4240305	305	Single grab sample	13N/11	-61.31738	55.68733	20	605785	6172350	NAD27	Flowers River Igneous Suite	granitic
4240306	4240306	306	Single grab sample	13N/11	-61.30444	55.67951	20	606620	6171500	NAD27	Flowers River Igneous Suite	granitic

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LabNum	FieldNum	Number	SampleMethod	MapSheet	Long_NAD27	Lat_NAD27	UTMZone	UTMEast	UTMNorth	Datum	Rock_group	RockType
4240307	4240307	307	Single grab sample	13N/11	-61.32756	55.67439	20	605180	6170895	NAD27	Flowers River Igneous Suite	granitic
4240308	4240308	308	First of outcrop duplicate	13N/11	-61.34071	55.66797	20	604370	6170160	NAD27	Flowers River Igneous Suite	granitic
4240309	4240309	309	Second of outcrop duplicate	13N/11	-61.34071	55.66797	20	604370	6170160	NAD27	Flowers River Igneous Suite	granitic
4240310	4240310	310	Single grab sample	13N/11	-61.35302	55.67218	20	603585	6170610	NAD27	Flowers River Igneous Suite	granitic
4240311	4240311	311	Single grab sample	13N/11	-61.38553	55.67611	20	601550	6171000	NAD27	Flowers River Igneous Suite	granitic
4240312	4240312	312	Single grab sample	13N/11	-61.39644	55.69513	20	600795	6173100	NAD27	Flowers River Igneous Suite	granitic
4240313	4240313	313	Single grab sample	13N/11	-61.36083	55.69268	20	603040	6172880	NAD27	Flowers River Igneous Suite	granitic
4240314	4240314	314	Single grab sample	13N/11	-61.44846	55.70555	20	597500	6174185	NAD27	Flowers River Igneous Suite	granitic
4240315	4240315	315	Single grab sample	13N/11	-61.49673	55.69168	20	594500	6172575	NAD27	Flowers River Igneous Suite	granitic
4240316	4240316	316	Single grab sample	13N/11	-61.41847	55.68751	20	599430	6172220	NAD27	Uncoded	dioritic
4240317	4240317	317	Single grab sample	13N/11	-61.41436	55.68296	20	599700	6171720	NAD27	Flowers River Igneous Suite	granitic
4240318	4240318	318	First of outcrop duplicate	13N/11	-61.43442	55.64471	20	598535	6167435	NAD27	Flowers River Igneous Suite	granitic
4240321	4240321	321	Second of outcrop duplicate	13N/11	-61.43442	55.64471	20	598535	6167435	NAD27	Flowers River Igneous Suite	granitic
4240322	4240322	322	Single grab sample	13N/11	-61.44786	55.64021	20	597700	6166915	NAD27	Uncoded	vein
4240323	4240323	323	Single grab sample	13N/11	-61.49904	55.65977	20	594480	6166795	NAD27	Flowers River Igneous Suite	gabbroic
4240324	4240324	324	Single grab sample	13N/11	-61.45444	55.61639	20	597345	6164255	NAD27	Flowers River Igneous Suite	granitic
4240325	4240325	325	First of outcrop duplicate	13N/11	-61.45753	55.61261	20	597160	6163830	NAD27	Flowers River Igneous Suite	granitic
4240326	4240326	326	Second of outcrop duplicate	13N/11	-61.45753	55.61261	20	597160	6163830	NAD27	Flowers River Igneous Suite	granitic
4240327	4240327	327	Single grab sample	13N/11	-61.49676	55.60811	20	594700	6163275	NAD27	Flowers River Igneous Suite	granitic
4240328	4240328	328	Single grab sample	13N/11	-61.46857	55.59805	20	596500	6162195	NAD27	Flowers River Igneous Suite	granitic
4240329	4240329	329	Single grab sample	13N/11	-61.42914	55.61768	20	598935	6164435	NAD27	Flowers River Igneous Suite	granitic
4240330	4240330	330	Single grab sample	13N/11	-61.44074	55.60952	20	598225	6163510	NAD27	Flowers River Igneous Suite	granitic
4240331	4240331	331	Single grab sample	13N/11	-61.41520	55.58344	20	599900	6160645	NAD27	Flowers River Igneous Suite	granitic
4240332	4240332	332	Single grab sample	13N/11	-61.45022	55.58259	20	597695	6160500	NAD27	Flowers River Igneous Suite	granitic
4240333	4240333	333	Single grab sample	13N/12	-61.50189	55.58786	20	594425	6161015	NAD27	Flowers River Igneous Suite	granitic
4240334	4240334	334	Single grab sample	13N/11	-61.48207	55.57719	20	595700	6159855	NAD27	Flowers River Igneous Suite	granitic
4240335	4240335	335	Single grab sample	13N/11	-61.02766	55.65336	20	624105	6169050	NAD27	Flowers River Igneous Suite	granitic
4240336	4240336	336	Single grab sample	13N/11	-61.04647	55.63627	20	622975	6167115	NAD27	Flowers River Igneous Suite	granitic
4240337	4240337	337	Single grab sample	13N/11	-61.03366	55.65885	20	623710	6169650	NAD27	Flowers River Igneous Suite	granitic
4240338	4240338	338	Single grab sample	13N/11	-61.04158	55.66589	20	623190	6170420	NAD27	Flowers River Igneous Suite	granitic
4240341	4240341	341	Single grab sample	13N/11	-61.01843	55.66444	20	624650	6170300	NAD27	Flowers River Igneous Suite	granitic
4240342	4240342	342	Single grab sample	13N/11	-61.35549	55.66444	20	603450	6169745	NAD27	Flowers River Igneous Suite	granitic
4240343	4240343	343	Single grab sample	13N/11	-61.06378	55.66387	20	621800	6170155	NAD27	Flowers River Igneous Suite	granitic
4240344	4240344	344	First of outcrop duplicate	13N/11	-61.11873	55.67995	20	618295	6171850	NAD27	Flowers River Igneous Suite	granitic
4240345	4240345	345	Second of outcrop duplicate	13N/11	-61.11873	55.67995	20	618295	6171850	NAD27	Flowers River Igneous Suite	granitic
4240346	4240346	346	Single grab sample	13N/11	-61.10724	55.68068	20	619015	6171950	NAD27	Flowers River Igneous Suite	granitic
4240347	4240347	347	Single grab sample	13N/11	-61.33876	55.65774	20	604520	6169025	NAD27	Flowers River Igneous Suite	granitic
4240348	4240348	348	Single grab sample	13N/11	-61.27077	55.65860	20	608795	6169225	NAD27	Flowers River Igneous Suite	granitic
4240349	4240349	349	Single grab sample	13N/11	-61.25956	55.63885	20	609555	6167045	NAD27	Flowers River Igneous Suite	granitic
4240350	4240350	350	Single grab sample	13N/11	-61.26577	55.62784	20	609195	6165810	NAD27	Flowers River Igneous Suite	granitic
4240351	4240351	351	Single grab sample	13N/11	-61.33086	55.62870	20	605095	6165805	NAD27	Flowers River Igneous Suite	granitic
4240352	4240352	352	Single grab sample	13N/11	-61.27646	55.59959	20	608600	6162650	NAD27	Flowers River Igneous Suite	granitic
4240353	4240353	353	Single grab sample	13N/11	-61.24516	55.58252	20	610620	6160800	NAD27	Flowers River Igneous Suite	granitic
4240354	4240354	354	First of outcrop duplicate	13N/11	-61.29107	55.59216	20	607700	6161800	NAD27	Flowers River Igneous Suite	granitic
4240355	4240355	355	Second of outcrop duplicate	13N/11	-61.29107	55.59216	20	607700	6161800	NAD27	Flowers River Igneous Suite	granitic
4240356	4240356	356	First of outcrop duplicate	13N/11	-61.28879	55.59891	20	607825	6162555	NAD27	Flowers River Igneous Suite	granitic
4240357	4240357	357	Second of outcrop duplicate	13N/11	-61.28879	55.59891	20	607825	6162555	NAD27	Flowers River Igneous Suite	granitic
4240358	4240358	358	Single grab sample	13N/11	-61.27375	55.58899	20	608800	6161475	NAD27	Flowers River Igneous Suite	granitic
4240361	4240361	361	Single grab sample	13N/11	-61.26649	55.55932	20	609340	6158185	NAD27	Flowers River Igneous Suite	granitic
4240362	4240362	362	Single grab sample	13N/11	-61.23374	55.56843	20	611380	6159250	NAD27	Flowers River Igneous Suite	granitic

Appendix 1. Field and Lithochemical Data. Note that values of ".99" indicate no data available

LabNum	FieldNum	Number	SampleMethod	MapSheet	Long_NAD27	Lat_NAD27	UTMZone	UTMEast	UTMNorth	Datum	Rock_group	RockType
4240363	4240363	363	Single grab sample	13N/11	-61.21692	55.56688	20	612445	6159105	NAD27	Uncoded	granitic
4240364	4240364	364	Single grab sample	13N/11	-61.21912	55.54085	20	612380	6156205	NAD27	Flowers River Igneous Suite	granitic
4240365	4240365	365	Single grab sample	13N/11	-61.34638	55.59197	20	604215	6161695	NAD27	Flowers River Igneous Suite	granitic
4240366	4240366	366	Single grab sample	13N/11	-61.33418	55.64218	20	604850	6167300	NAD27	Flowers River Igneous Suite	granitic
4240367	4240367	367	First of outcrop duplicate	13N/11	-61.33516	55.63972	20	604795	6167025	NAD27	Flowers River Igneous Suite	granitic
4240368	4240368	368	Second of outcrop duplicate	13N/11	-61.33516	55.63972	20	604795	6167025	NAD27	Flowers River Igneous Suite	granitic
4240369	4240369	369	Single grab sample	13N/11	-61.40517	55.58619	20	600525	6160965	NAD27	Flowers River Igneous Suite	granitic
4240370	4240370	370	Single grab sample	13N/11	-61.46863	55.57608	20	596550	6159750	NAD27	Flowers River Igneous Suite	granitic
4240371	4240371	371	Single grab sample	13N/11	-61.48176	55.54425	20	595800	6156190	NAD27	Flowers River Igneous Suite	granitic
4240372	4240372	372	First of outcrop duplicate	13N/12	-61.54537	55.59005	20	591680	6161200	NAD27	Flowers River Igneous Suite	granitic
4240373	4240373	373	Second of outcrop duplicate	13N/12	-61.54537	55.59005	20	591680	6161200	NAD27	Flowers River Igneous Suite	granitic
4240374	4240374	374	Single grab sample	13N/12	-61.58907	55.56382	20	588985	6158225	NAD27	Flowers River Igneous Suite	granitic
4240375	4240375	375	Single grab sample	13N/11	-61.25590	55.52093	20	610115	6153930	NAD27	Flowers River Igneous Suite	granitic
4240376	4240376	376	First of outcrop duplicate	13N/12	-61.56414	55.57140	20	590540	6159100	NAD27	Flowers River Igneous Suite	granitic
4240377	4240377	377	Second of outcrop duplicate	13N/12	-61.56414	55.57140	20	590540	6159100	NAD27	Flowers River Igneous Suite	granitic
4240378	4240378	378	Single grab sample	13N/11	-61.24307	55.53522	20	610885	6155600	NAD27	Flowers River Igneous Suite	granitic
4240381	4240381	381	Single grab sample	13N/11	-61.21430	55.53534	20	612700	6155600	NAD27	Flowers River Igneous Suite	granitic
4240382	4240382	382	Single grab sample	13N/11	-61.26056	55.53214	20	609790	6155170	NAD27	Flowers River Igneous Suite	granitic
4240383	4240383	383	Single grab sample	13N/11	-61.27451	55.54277	20	608880	6156330	NAD27	Flowers River Igneous Suite	granitic
4240384	4240384	384	Single grab sample	13N/11	-61.24257	55.54465	20	610890	6156590	NAD27	Flowers River Igneous Suite	granitic
4240385	4240385	385	Single grab sample	13N/11	-61.28965	55.55376	20	607895	6157530	NAD27	Flowers River Igneous Suite	granitic
4240386	4240386	386	Single grab sample	13N/11	-61.31159	55.56701	20	606475	6158970	NAD27	Flowers River Igneous Suite	granitic
4240387	4240387	387	Single grab sample	13N/11	-61.32058	55.57553	20	603885	6159905	NAD27	Flowers River Igneous Suite	granitic
4240388	4240388	388	Single grab sample	13N/12	-61.51858	55.58501	20	593380	6160675	NAD27	Flowers River Igneous Suite	granitic
4240389	4240389	389	Single grab sample	13N/11	-61.49881	55.53983	20	594735	6155675	NAD27	Flowers River Igneous Suite	granitic
4240390	4240390	390	Single grab sample	13N/12	-61.51297	55.55722	20	593800	6157590	NAD27	Flowers River Igneous Suite	granitic
4240391	4240391	391	Single grab sample	13N/11	-61.42478	55.50471	20	599495	6151870	NAD27	Flowers River Igneous Suite	granitic
4240392	4240392	392	Single grab sample	13N/11	-61.43354	55.52527	20	598890	6154145	NAD27	Flowers River Igneous Suite	granitic
4240393	4240393	393	Single grab sample	13N/11	-61.40007	55.50884	20	601045	6152365	NAD27	Flowers River Igneous Suite	granitic
4240394	4240394	394	Single grab sample	13N/11	-61.35763	55.51821	20	603700	6153470	NAD27	Flowers River Igneous Suite	granitic
4240395	4240395	395	Single grab sample	13N/11	-61.33252	55.52218	20	605275	6153950	NAD27	Flowers River Igneous Suite	granitic
4240396	4240396	396	First of outcrop duplicate	13N/11	-61.35615	55.51572	20	603800	6153195	NAD27	Flowers River Igneous Suite	granitic
4240397	4240397	397	Second of outcrop duplicate	13N/11	-61.35615	55.51572	20	603800	6153195	NAD27	Flowers River Igneous Suite	granitic
4240398	4240398	398	Single grab sample	13N/11	-61.14923	55.55433	20	616750	6157820	NAD27	Flowers River Igneous Suite	intermediate
4240401	4240401	401	Single grab sample	13N/12	-61.52982	55.53891	20	592780	6155530	NAD27	Flowers River Igneous Suite	granitic
4240402	4240402	402	Single grab sample	13N/12	-61.52953	55.54043	20	592795	6155700	NAD27	Flowers River Igneous Suite	granitic
4240403	4240403	403	Single grab sample	13N/12	-61.52862	55.54150	20	592850	6158820	NAD27	Flowers River Igneous Suite	granitic
4240404	4240404	404	Single grab sample	13N/12	-61.52618	55.54309	20	593000	6156000	NAD27	Flowers River Igneous Suite	granitic
4240405	4240405	405	Single grab sample	13N/12	-61.53175	55.54239	20	592650	6155915	NAD27	Flowers River Igneous Suite	granitic
4240406	4240406	406	Single grab sample	13N/12	-61.53699	55.54218	20	592320	6155885	NAD27	Flowers River Igneous Suite	granitic
4240407	4240407	407	Single grab sample	13N/12	-61.54280	55.54162	20	591955	6155815	NAD27	Flowers River Igneous Suite	granitic
4240408	4240408	408	Single grab sample	13N/12	-61.55002	55.54342	20	591495	6156005	NAD27	Flowers River Igneous Suite	granitic
4240409	4240409	409	Single grab sample	13N/12	-61.55118	55.54428	20	591420	6156100	NAD27	Flowers River Igneous Suite	granitic
4240410	4240410	410	Single grab sample	13N/12	-61.55187	55.54488	20	591375	6156165	NAD27	Flowers River Igneous Suite	granitic
4240411	4240411	411	Single grab sample	13N/12	-61.55174	55.54622	20	591380	6156315	NAD27	Flowers River Igneous Suite	granitic
4240412	4240412	412	Single grab sample	13N/12	-61.55454	55.54760	20	591200	6156465	NAD27	Flowers River Igneous Suite	granitic

Appendix 1. Field and Lithochemical Data. Note that values of ".99" indicate no data available

LabNum	FieldNum	Lithology	Lith_numeric	Colour	Colour_numeric	Grainsize_mm	Texture	TectFabric	Feldspars
4240023	4240023	Medium to coarse grained equigranular peralkaline granite	1	pink	9	8	variable	cataclastic	clouded
4240024	4240024	Medium to coarse grained equigranular peralkaline granite	1	pink	9	6	uniform	none	clouded
4240025	4240025	Medium grained quartz syenite or quartz monzonite	6	pink	9	7	uniform	none	clouded
4240026	4240026	Aphanitic to fine grained porphyritic peralkaline granite	2	red or purple	8	5	uniform	none	uncoded
4240027	4240027	Medium to coarse grained equigranular peralkaline granite	1	>80% white	0	8	uniform	none	clear
4240033	4240033	Medium to coarse grained equigranular peralkaline granite	1	buff	6	8	uniform	none	clear
4240034	4240034	Medium to coarse grained equigranular peralkaline granite	1	buff	6	8	uniform	none	clear
4240035	4240035	Medium to coarse grained equigranular peralkaline granite	1	buff	6	8	uniform	none	clear
4240036	4240036	Medium to coarse grained equigranular peralkaline granite	1	gray	4	6	uniform	none	clouded
4240037	4240037	Medium to coarse grained equigranular peralkaline granite	1	>80% white	0	7	uniform	none	clouded
4240038	4240038	Medium to coarse grained equigranular peralkaline granite	1	pink	9	8	uniform	none	clouded
4240041	4240041	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	uniform	uncoded	clouded
4240042	4240042	Medium to coarse grained equigranular peralkaline granite	1	buff	6	8	variable	cataclastic	clouded
4240043	4240043	Medium to coarse grained equigranular peralkaline granite	1	buff	6	8	variable	none	clear
4240044	4240044	Medium to coarse grained equigranular peralkaline granite	1	pink	9	8	uniform	none	clouded
4240045	4240045	Medium to coarse grained equigranular peralkaline granite	1	gray	4	8	variable	none	clouded
4240046	4240046	Medium to coarse grained equigranular peralkaline granite	1	pink	9	8	uniform	none	clouded
4240047	4240047	Medium to coarse grained equigranular peralkaline granite	1	pink	9	8	uniform	none	clouded
4240048	4240048	Medium to coarse grained equigranular peralkaline granite	1	buff	6	8	uniform	none	clear
4240049	4240049	Medium to coarse grained equigranular peralkaline granite	1	buff	6	8	uniform	none	clouded
4240050	4240050	Medium to coarse grained equigranular peralkaline granite	1	pink	9	8	uniform	none	clouded
4240051	4240051	Medium to coarse grained equigranular peralkaline granite	1	pink	9	8	uniform	none	clouded
4240052	4240052	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	uniform	none	clouded
4240053	4240053	Medium to coarse grained equigranular peralkaline granite	1	gray	4	7	uniform	none	clouded
4240054	4240054	Medium to coarse grained equigranular peralkaline granite	1	pink	9	8	uniform	none	clouded
4240055	4240055	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	uniform	none	clouded
4240056	4240056	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	uniform	cataclastic	clouded
4240057	4240057	Medium to coarse grained equigranular peralkaline granite	1	>80% white	0	7	uniform	none	clouded
4240058	4240058	Medium to coarse grained equigranular peralkaline granite	1	buff	6	6	uniform	none	clouded
4240061	4240061	Medium to coarse grained equigranular peralkaline granite	1	buff	6	8	uniform	none	clouded
4240063	4240063	Medium to coarse grained equigranular peralkaline granite	1	pink	9	6	uniform	none	clouded
4240064	4240064	Medium to coarse grained equigranular peralkaline granite	1	red or purple	8	6	uniform	none	clouded
4240065	4240065	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	uniform	none	clouded
4240066	4240066	Medium to coarse grained equigranular peralkaline granite	1	pink	9	6	uniform	none	clouded
4240067	4240067	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	porphyritic	none	clouded
4240068	4240068	Medium to coarse grained equigranular peralkaline granite	1	pink	9	5	uniform	none	clouded
4240069	4240069	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	uniform	none	clouded
4240070	4240070	Medium to coarse grained equigranular peralkaline granite	1	pink	9	6	uniform	none	clouded
4240071	4240071	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	uniform	none	clouded
4240072	4240072	Medium to coarse grained equigranular peralkaline granite	1	50-80% white	1	7	uniform	none	clouded
4240073	4240073	Medium to coarse grained equigranular peralkaline granite	1	50-80% white	1	7	uniform	none	clouded
4240074	4240074	Aphanitic to fine grained porphyritic peralkaline granite	2	pink	9	4	porphyritic	none	clear
4240075	4240075	Medium to coarse grained equigranular peralkaline granite	1	>80% white	0	5	variable	none	clouded
4240076	4240076	Medium to coarse grained equigranular peralkaline granite	1	20-50% white	2	6	uniform	none	clouded
4240077	4240077	Medium to coarse grained equigranular peralkaline granite	1	>80% white	0	8	uniform	none	clear
4240078	4240078	Medium to coarse grained equigranular peralkaline granite	1	>80% white	0	6	uniform	none	clear
4240081	4240081	Medium to coarse grained equigranular peralkaline granite	1	red or purple	8	7	uniform	none	clouded
4240082	4240082	Medium to coarse grained equigranular peralkaline granite	1	>80% white	0	7	uniform	none	clear
4240083	4240083	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	uniform	none	clear
4240084	4240084	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	uniform	none	clouded

Appendix 1. Field and Lithochemical Data. Note that values of ".99" indicate no data available

LabNum	FieldNum	Lithology	Lith_numeric	Colour	Colour_numeric	Grainsize_mm	Texture	TectFabric	Feldspars
4240085	4240085	Medium to coarse grained equigranular peralkaline granite	1	red or purple	8	5	uniform	none	uncoded
4240086	4240086	Medium to coarse grained equigranular peralkaline granite	1	pink	9	6	uniform	none	clouded
4240087	4240087	Medium to coarse grained equigranular peralkaline granite	1	>80% white	0	7	uniform	none	clouded
4240088	4240088	Medium to coarse grained equigranular peralkaline granite	1	>80% white	0	7	uniform	none	clear
4240089	4240089	Medium to coarse grained equigranular peralkaline granite	1	>80% white	0	7	uniform	none	clear
4240090	4240090	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	variable	none	clouded
4240091	4240091	Medium to coarse grained equigranular peralkaline granite	1	>80% white	0	8	variable	none	clouded
4240092	4240092	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	variable	none	clouded
4240093	4240093	Medium to coarse grained equigranular peralkaline granite	1	pink	9	8	variable	none	clouded
4240094	4240094	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	uniform	none	clear
4240095	4240095	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	variable	none	clouded
4240096	4240096	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	uniform	none	clouded
4240097	4240097	Medium to coarse grained equigranular peralkaline granite	1	pink	9	8	variable	none	clear
4240098	4240098	Medium to coarse grained equigranular peralkaline granite	1	50-80% white	1	7	variable	none	clear
4240101	4240101	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	uniform	none	clear
4240102	4240102	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	uniform	none	clouded
4240103	4240103	Medium to coarse grained equigranular peralkaline granite	1	50-80% white	1	7	variable	none	clouded
4240104	4240104	Medium to coarse grained equigranular peralkaline granite	1	buff	6	8	variable	none	clear
4240105	4240105	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	variable	none	clouded
4240106	4240106	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	variable	none	clouded
4240107	4240107	Medium to coarse grained equigranular peralkaline granite	1	red or purple	8	5	porphyritic	none	clouded
4240108	4240108	Medium to coarse grained equigranular peralkaline granite	1	>80% white	0	6	uniform	none	clear
4240109	4240109	Medium to coarse grained equigranular peralkaline granite	1	>80% white	0	7	variable	none	clouded
4240110	4240110	Medium to coarse grained equigranular peralkaline granite	1	buff	6	8	variable	none	clear
4240111	4240111	Medium to coarse grained equigranular peralkaline granite	1	buff	6	8	uniform	none	clear
4240112	4240112	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	uniform	none	clouded
4240113	4240113	Medium to coarse grained equigranular peralkaline granite	1	pink	9	8	uniform	none	clouded
4240114	4240114	Medium to coarse grained equigranular peralkaline granite	1	gray	4	3	variable	none	clouded
4240115	4240115	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	porphyritic	none	uncoded
4240116	4240116	Medium to coarse grained equigranular peralkaline granite	1	pink	9	5	uniform	none	clouded
4240117	4240117	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	uniform	none	clouded
4240118	4240118	Medium to coarse grained equigranular peralkaline granite	1	gray	4	5	variable	none	clear
4240121	4240121	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	variable	none	uncoded
4240122	4240122	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	variable	none	clouded
4240123	4240123	Medium to coarse grained equigranular peralkaline granite	1	buff	6	4	variable	none	clouded
4240124	4240124	Medium to coarse grained equigranular peralkaline granite	1	buff	6	8	variable	none	uncoded
4240125	4240125	Medium to coarse grained equigranular peralkaline granite	1	pink	9	8	variable	none	clear
4240126	4240126	Medium to coarse grained equigranular peralkaline granite	1	pink	9	8	variable	none	clouded
4240127	4240127	Medium to coarse grained equigranular peralkaline granite	1	buff	6	4	variable	none	clouded
4240128	4240128	Medium to coarse grained equigranular peralkaline granite	1	buff	6	6	uniform	none	clear
4240129	4240129	Medium to coarse grained equigranular peralkaline granite	1	pink	9	6	uniform	none	clouded
4240130	4240130	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	uniform	none	clouded
4240131	4240131	Medium to coarse grained equigranular peralkaline granite	1	>80% white	0	8	uniform	none	clouded
4240132	4240132	Medium to coarse grained equigranular peralkaline granite	1	buff	6	6	variable	none	clear
4240133	4240133	Medium to coarse grained equigranular peralkaline granite	1	gray	4	5	uniform	none	uncoded
4240134	4240134	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	porphyritic	none	clear
4240135	4240135	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	porphyritic	none	clear
4240136	4240136	Medium to coarse grained equigranular peralkaline granite	1	pink	9	6	uniform	none	clouded
4240137	4240137	Medium to coarse grained equigranular peralkaline granite	1	buff	6	6	uniform	none	clear
4240138	4240138	Medium to coarse grained equigranular peralkaline granite	1	buff	6	6	uniform	none	clouded
4240138	4240138	Medium to coarse grained equigranular peralkaline granite	1	pink	9	6	uniform	none	clouded

Appendix 1. Field and Lithochemical Data. Note that values of "-.99" indicate no data available

LabNum	FieldNum	Lithology	Lith_numeric	Colour	Colour_numeric	Grainsize_mm	Texture	TectFabric	Feldspars
4240141	4240141	Medium to coarse grained equigranular peralkaline granite	1	gray	4	6	variable	none	clear
4240142	4240142	Medium to coarse grained equigranular peralkaline granite	1	pink	9	6	uniform	none	clouded
4240143	4240143	Medium to coarse grained equigranular peralkaline granite	1	50-80% white	1	7	variable	none	clear
4240144	4240144	Medium to coarse grained equigranular peralkaline granite	1	>80% white	0	7	porphyritic	none	clear
4240145	4240145	Medium to coarse grained equigranular peralkaline granite	1	>80% white	0	6	porphyritic	none	clouded
4240146	4240146	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	variable	general tectonic	clear
4240147	4240147	Medium to coarse grained equigranular peralkaline granite	1	>80% white	0	7	uniform	none	clear
4240148	4240148	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	uniform	none	clear
4240149	4240149	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	uniform	none	clear
4240150	4240150	Medium to coarse grained equigranular peralkaline granite	1	gray	4	7	uniform	none	clear
4240151	4240151	Medium to coarse grained equigranular peralkaline granite	1	green	5	7	uniform	uncoded	clouded
4240152	4240152	Medium to coarse grained equigranular peralkaline granite	1	50-80% white	1	7	uniform	none	clear
4240153	4240153	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	uniform	none	clear
4240154	4240154	Medium to coarse grained equigranular peralkaline granite	1	red or purple	8	7	uniform	none	clear
4240155	4240155	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	variable	none	clear
4240156	4240156	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	variable	none	clear
4240157	4240157	Medium to coarse grained equigranular peralkaline granite	1	gray	4	5	variable	none	clear
4240158	4240158	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	variable	none	clear
4240161	4240161	Medium to coarse grained equigranular peralkaline granite	1	gray	4	6	uniform	none	clouded
4240162	4240162	Medium to coarse grained equigranular peralkaline granite	1	pink	9	6	variable	none	clouded
4240163	4240163	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	variable	none	clear
4240164	4240164	Medium to coarse grained equigranular peralkaline granite	1	>80% white	0	7	variable	none	clouded
4240165	4240165	Medium to coarse grained equigranular peralkaline granite	1	pink	9	0	uniform	none	clear
4240166	4240166	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	porphyritic	none	clear
4240167	4240167	Medium to coarse grained equigranular peralkaline granite	1	<20% white	3	6	uniform	none	clear
4240168	4240168	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	variable	none	clear
4240169	4240169	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	uniform	none	clear
4240170	4240170	Medium to coarse grained equigranular peralkaline granite	1	red or purple	8	6	uniform	none	clouded
4240171	4240171	Medium to coarse grained equigranular peralkaline granite	1	gray	4	7	porphyritic	none	clear
4240172	4240172	Medium to coarse grained equigranular peralkaline granite	1	pink	9	6	variable	none	clouded
4240173	4240173	Medium to coarse grained equigranular peralkaline granite	1	<20% white	3	7	uniform	none	clear
4240174	4240174	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	variable	none	clear
4240175	4240175	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	uniform	none	clear
4240176	4240176	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	uniform	none	clear
4240177	4240177	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	variable	none	clear
4240178	4240178	Medium to coarse grained equigranular peralkaline granite	1	buff	6	8	variable	none	clear
4240181	4240181	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	variable	none	clear
4240182	4240182	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	variable	none	clear
4240183	4240183	Medium to coarse grained equigranular peralkaline granite	1	brown	7	7	variable	none	clouded
4240184	4240184	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	variable	none	clear
4240185	4240185	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	variable	none	clear
4240186	4240186	Medium to coarse grained equigranular peralkaline granite	1	50-80% white	1	6	variable	igneous flow	clear
4240187	4240187	Medium to coarse grained equigranular peralkaline granite	1	pink	9	6	porphyritic	none	clear
4240188	4240188	Medium to coarse grained equigranular peralkaline granite	1	brown	7	7	uniform	none	clear
4240189	4240189	Medium to coarse grained equigranular peralkaline granite	1	brown	7	7	variable	none	clear
4240190	4240190	Medium to coarse grained equigranular peralkaline granite	1	green	5	7	uniform	none	clear
4240191	4240191	Medium to coarse grained equigranular peralkaline granite	1	buff	6	6	porphyritic	none	clear
4240192	4240192	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	uniform	none	clouded
4240193	4240193	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	uniform	none	clear
4240194	4240194	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	variable	none	clear
4240194	4240194	Medium to coarse grained equigranular peralkaline granite	1	brown	7	7	uniform	none	clear

Appendix 1. Field and Lithochemical Data. Note that values of ".99" indicate no data available

LabNum	FieldNum	Lithology	Lith_numeric	Colour	Colour_numeric	Grainsize_mm	Texture	TectFabric	Feldspars
4240195	4240195	Medium to coarse grained equigranular peralkaline granite	1	50-80% white	1	8	variable	none	clear
4240196	4240196	Medium to coarse grained equigranular peralkaline granite	1	buff	6	8	variable	none	clear
4240197	4240197	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	variable	none	clouded
4240198	4240198	Medium to coarse grained equigranular peralkaline granite	1	brown	7	7	uniform	none	clear
4240201	4240201	Medium to coarse grained equigranular peralkaline granite	1	50-80% white	1	7	uniform	none	clear
4240202	4240202	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	uniform	none	clear
4240203	4240203	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	uniform	none	clear
4240204	4240204	Medium to coarse grained equigranular peralkaline granite	1	gray	4	6	uniform	none	clear
4240205	4240205	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	uniform	none	clear
4240206	4240206	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	variable	none	clear
4240207	4240207	Medium to coarse grained equigranular peralkaline granite	1	pink	9	5	uniform	none	clouded
4240208	4240208	Medium to coarse grained equigranular peralkaline granite	1	pink	9	5	porphyritic	none	clouded
4240209	4240209	Medium to coarse grained equigranular peralkaline granite	1	green	5	5	uniform	none	clear
4240210	4240210	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	uniform	none	clouded
4240211	4240211	Medium to coarse grained equigranular peralkaline granite	1	pink	9	6	uniform	none	clear
4240212	4240212	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	uniform	none	clouded
4240213	4240213	Medium to coarse grained equigranular peralkaline granite	1	pink	9	6	porphyritic	none	clear
4240214	4240214	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	variable	general tectonic	clear
4240215	4240215	Medium to coarse grained equigranular peralkaline granite	1	buff	6	6	porphyritic	none	clear
4240216	4240216	Medium to coarse grained equigranular peralkaline granite	1	brown	7	7	uniform	none	clear
4240217	4240217	Medium to coarse grained equigranular peralkaline granite	1	pink	9	5	porphyritic	none	clear
4240218	4240218	Medium to coarse grained equigranular peralkaline granite	1	gray	4	6	porphyritic	none	clear
4240221	4240221	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	uniform	none	clear
4240222	4240222	Medium to coarse grained equigranular peralkaline granite	1	gray	4	6	porphyritic	none	clear
4240223	4240223	Medium to coarse grained equigranular peralkaline granite	1	pink	9	6	porphyritic	none	clouded
4240224	4240224	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	variable	none	clouded
4240225	4240225	Medium to coarse grained equigranular peralkaline granite	1	pink	9	6	porphyritic	none	clear
4240226	4240226	Medium to coarse grained equigranular peralkaline granite	1	red or purple	8	6	uniform	none	clear
4240227	4240227	Medium to coarse grained equigranular peralkaline granite	1	brown	7	8	variable	none	clear
4240228	4240228	Medium to coarse grained equigranular peralkaline granite	1	pink	9	5	porphyritic	none	clear
4240229	4240229	Medium to coarse grained equigranular peralkaline granite	1	gray	4	5	porphyritic	none	clouded
4240230	4240230	Medium to coarse grained equigranular peralkaline granite	1	pink	9	5	porphyritic	none	clouded
4240231	4240231	Medium to coarse grained equigranular peralkaline granite	1	pink	9	6	variable	none	clear
4240232	4240232	Medium to coarse grained equigranular peralkaline granite	1	gray	4	6	variable	none	clear
4240233	4240233	Medium to coarse grained equigranular peralkaline granite	1	pink	9	6	porphyritic	none	clear
4240234	4240234	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	uniform	none	clear
4240235	4240235	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	variable	none	clear
4240236	4240236	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	variable	none	clouded
4240237	4240237	Medium to coarse grained equigranular peralkaline granite	1	brown	7	7	uniform	none	clear
4240238	4240238	Medium to coarse grained equigranular peralkaline granite	1	gray	4	6	porphyritic	none	clear
4240241	4240241	Medium to coarse grained equigranular peralkaline granite	1	pink	9	6	porphyritic	none	clear
4240242	4240242	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	variable	none	clear
4240243	4240243	Medium to coarse grained equigranular peralkaline granite	1	pink	9	6	porphyritic	none	clear
4240244	4240244	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	uniform	none	clear
4240245	4240245	Medium to coarse grained equigranular peralkaline granite	1	brown	7	7	uniform	none	clear
4240246	4240246	Medium to coarse grained equigranular peralkaline granite	1	buff	6	8	uniform	none	clear
4240247	4240247	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	uniform	none	clear
4240248	4240248	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	uniform	none	clear
4240249	4240249	Medium to coarse grained equigranular peralkaline granite	1	gray	4	7	porphyritic	none	clear
4240250	4240250	Medium to coarse grained equigranular peralkaline granite	1	gray	4	8	variable	none	clear

Appendix 1. Field and Lithochemical Data. Note that values of "-.99" indicate no data available

LabNum	FieldNum	Lithology	Lith_numeric	Colour	Colour_numeric	Grainsize_mm	Texture	TectFabric	Feldspars
4240251	4240251	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	variable	none	clouded
4240252	4240252	Medium to coarse grained equigranular peralkaline granite	1	50-80% white	1	7	variable	none	clouded
4240253	4240253	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	variable	none	clear
4240254	4240254	Medium to coarse grained equigranular peralkaline granite	1	gray	4	7	uniform	none	clear
4240255	4240255	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	variable	none	clear
4240256	4240256	Medium to coarse grained equigranular peralkaline granite	1	pink	9	6	uniform	none	clear
4240257	4240257	Medium to coarse grained equigranular peralkaline granite	1	pink	9	5	porphyritic	none	clouded
4240258	4240258	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	variable	none	clear
4240261	4240261	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	uniform	none	clear
4240262	4240262	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	variable	none	clear
4240263	4240263	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	variable	none	clear
4240264	4240264	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	variable	none	clear
4240265	4240265	Medium to coarse grained equigranular peralkaline granite	1	brown	7	7	variable	none	clear
4240266	4240266	Medium to coarse grained equigranular peralkaline granite	1	brown	7	6	porphyritic	none	clear
4240267	4240267	Medium to coarse grained equigranular peralkaline granite	1	gray	4	5	porphyritic	none	clear
4240268	4240268	Medium to coarse grained equigranular peralkaline granite	1	gray	4	7	variable	none	clear
4240269	4240269	Medium to coarse grained equigranular peralkaline granite	1	buff	6	8	variable	none	clear
4240270	4240270	Medium to coarse grained equigranular peralkaline granite	1	>80% white	0	7	variable	none	clear
4240271	4240271	Medium to coarse grained equigranular peralkaline granite	1	gray	4	8	variable	none	clear
4240272	4240272	Medium to coarse grained equigranular peralkaline granite	1	pink	9	6	porphyritic	none	clear
4240273	4240273	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	uniform	general tectonic	clear
4240274	4240274	Medium to coarse grained equigranular peralkaline granite	1	brown	7	7	uniform	none	clear
4240275	4240275	Medium to coarse grained equigranular peralkaline granite	1	pink	9	6	uniform	none	clear
4240276	4240276	Medium to coarse grained equigranular peralkaline granite	1	buff	6	6	porphyritic	none	clear
4240277	4240277	Medium to coarse grained equigranular peralkaline granite	1	gray	4	6	porphyritic	none	clear
4240278	4240278	Medium to coarse grained equigranular peralkaline granite	1	brown	7	7	uniform	none	clouded
4240281	4240281	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	uniform	none	clear
4240282	4240282	Medium to coarse grained equigranular peralkaline granite	1	brown	7	7	uniform	none	clear
4240283	4240283	Medium to coarse grained equigranular peralkaline granite	1	buff	6	5	porphyritic	none	clear
4240284	4240284	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	uniform	none	clear
4240285	4240285	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	variable	none	clouded
4240286	4240286	Medium to coarse grained equigranular peralkaline granite	1	pink	9	5	variable	none	clouded
4240287	4240287	Medium to coarse grained equigranular peralkaline granite	1	red or purple	8	5	variable	none	clouded
4240288	4240288	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	uniform	none	clear
4240289	4240289	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	variable	none	clear
4240290	4240290	Medium to coarse grained equigranular peralkaline granite	1	gray	4	6	porphyritic	none	clouded
4240291	4240291	Medium to coarse grained equigranular peralkaline granite	1	gray	4	6	variable	none	clouded
4240292	4240292	Medium to coarse grained equigranular peralkaline granite	1	gray	4	6	variable	none	clouded
4240293	4240293	Medium to coarse grained equigranular peralkaline granite	1	pink	9	6	variable	none	clear
4240294	4240294	Medium to coarse grained equigranular peralkaline granite	1	pink	9	6	uniform	none	clear
4240295	4240295	Medium to coarse grained equigranular peralkaline granite	1	gray	4	6	uniform	uncoded	clear
4240296	4240296	Medium to coarse grained equigranular peralkaline granite	1	50-80% white	1	6	uniform	general tectonic	clouded
4240297	4240297	Medium to coarse grained equigranular peralkaline granite	1	50-80% white	1	7	variable	none	clear
4240298	4240298	Medium to coarse grained equigranular peralkaline granite	1	buff	6	6	variable	none	clear
4240301	4240301	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	variable	none	clouded
4240302	4240302	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	uniform	none	clear
4240303	4240303	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	uniform	none	clear
4240304	4240304	Medium to coarse grained equigranular peralkaline granite	1	pink	9	6	variable	none	clouded
4240305	4240305	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	variable	uncoded	clear
4240306	4240306	Medium to coarse grained equigranular peralkaline granite	1	brown	7	7	variable	none	clear
4240306	4240306	Medium to coarse grained equigranular peralkaline granite	1	pink	9	6	variable	none	clear

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LabNum	FieldNum	Lithology	Lith_numeric	Colour	Colour_numeric	Grainsize_mm	Texture	TectFabric	Feldspars
4240307	4240307	Medium to coarse grained equigranular peralkaline granite	1	buff	6	6	variable	none	clear
4240308	4240308	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	variable	none	clear
4240309	4240309	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	variable	none	clouded
4240310	4240310	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	variable	none	clear
4240311	4240311	Medium to coarse grained equigranular peralkaline granite	1	buff	6	6	uniform	none	clear
4240312	4240312	Medium to coarse grained equigranular peralkaline granite	1	50-80% white	1	7	uniform	none	clear
4240313	4240313	Medium to coarse grained equigranular peralkaline granite	1	red or purple	8	7	uniform	general tectonic	clear
4240314	4240314	Medium to coarse grained equigranular peralkaline granite	1	pink	9	6	variable	none	clouded
4240315	4240315	Medium to coarse grained equigranular peralkaline granite	1	pink	9	6	variable	general tectonic	clouded
4240316	4240316	Gabbroic plutonic rock	8	green	5	2	uniform	none	uncoded
4240317	4240317	Medium to coarse grained equigranular peralkaline granite	1	buff	6	6	uniform	none	clear
4240318	4240318	Medium to coarse grained equigranular peralkaline granite	1	pink	9	6	variable	none	clear
4240321	4240321	Medium to coarse grained equigranular peralkaline granite	1	50-80% white	1	6	variable	none	clouded
4240322	4240322	mafic plutonic rock	8	gray	4	7	uniform	none	clear
4240323	4240323	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	variable	none	clear
4240324	4240324	Medium to coarse grained equigranular peralkaline granite	1	pink	9	6	porphyritic	none	clear
4240325	4240325	Medium to coarse grained equigranular peralkaline granite	1	pink	9	5	porphyritic	none	clear
4240326	4240326	Medium to coarse grained equigranular peralkaline granite	1	pink	9	5	porphyritic	none	clear
4240327	4240327	Medium to coarse grained equigranular peralkaline granite	1	gray	4	5	porphyritic	none	clear
4240328	4240328	Medium to coarse grained equigranular peralkaline granite	1	gray	4	6	variable	none	clear
4240329	4240329	Medium to coarse grained equigranular peralkaline granite	1	>80% white	0	7	uniform	none	clear
4240330	4240330	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	uniform	none	clear
4240331	4240331	Medium to coarse grained equigranular peralkaline granite	1	pink	9	6	uniform	none	clear
4240332	4240332	Medium to coarse grained equigranular peralkaline granite	1	pink	9	6	variable	none	clouded
4240333	4240333	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	variable	none	clouded
4240334	4240334	Aphanitic to fine grained porphyritic peralkaline granite	2	50-80% white	1	5	aplitic	none	clear
4240335	4240335	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	variable	none	clear
4240336	4240336	Intermediate plutonic rock	7	pink	9	6	uniform	none	clouded
4240337	4240337	Medium to coarse grained equigranular peralkaline granite	1	pink	9	5	variable	none	clear
4240338	4240338	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	uniform	none	clear
4240341	4240341	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	uniform	none	clear
4240342	4240342	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	variable	none	clouded
4240343	4240343	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	uniform	none	clear
4240344	4240344	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	variable	none	clear
4240345	4240345	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	variable	general tectonic	clear
4240346	4240346	Medium to coarse grained equigranular peralkaline granite	1	gray	4	7	variable	none	clear
4240347	4240347	Medium to coarse grained equigranular peralkaline granite	1	pink	9	6	variable	none	clouded
4240348	4240348	Medium to coarse grained equigranular peralkaline granite	1	brown	7	6	variable	none	clouded
4240349	4240349	Medium to coarse grained equigranular peralkaline granite	1	pink	9	6	uniform	none	clouded
4240350	4240350	Medium to coarse grained equigranular peralkaline granite	1	buff	6	6	porphyritic	none	clear
4240351	4240351	Medium to coarse grained equigranular peralkaline granite	1	brown	7	7	uniform	none	clear
4240352	4240352	Medium to coarse grained equigranular peralkaline granite	1	pink	9	5	uniform	none	clear
4240353	4240353	Medium to coarse grained equigranular peralkaline granite	1	pink	9	6	variable	none	clouded
4240354	4240354	Medium to coarse grained equigranular peralkaline granite	1	buff	6	5	porphyritic	none	clear
4240355	4240355	Medium to coarse grained equigranular peralkaline granite	1	buff	6	5	porphyritic	none	clear
4240356	4240356	Medium to coarse grained equigranular peralkaline granite	1	buff	6	6	uniform	none	clear
4240357	4240357	Medium to coarse grained equigranular peralkaline granite	1	buff	6	6	uniform	none	clear
4240358	4240358	Medium to coarse grained equigranular peralkaline granite	1	pink	9	6	variable	none	clouded
4240361	4240361	Medium to coarse grained equigranular peralkaline granite	1	buff	6	6	porphyritic	none	clear
4240362	4240362	Medium to coarse grained equigranular peralkaline granite	1	buff	6	6	porphyritic	none	clear

Appendix 1. Field and Lithochemical Data. Note that values of "-99" indicate no data available

LabNum	FieldNum	Lithology	Lith_numeric	Colour	Colour_numeric	Grainsize_mm	Texture	TectFabric	Feldspars
4240363	4240363	Intermediate plutonic rock	7	<20% white	3	6	uniform	none	clear
4240364	4240364	Medium to coarse grained equigranular peralkaline granite	1	buff	6	5	porphyritic	none	clear
4240365	4240365	Medium to coarse grained equigranular peralkaline granite	1	buff	6	5	porphyritic	none	clouded
4240366	4240366	Medium to coarse grained equigranular peralkaline granite	1	pink	9	5	uniform	none	clouded
4240367	4240367	Medium to coarse grained equigranular peralkaline granite	1	50-80% white	1	6	variable	none	clear
4240368	4240368	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	variable	none	clear
4240369	4240369	Medium to coarse grained equigranular peralkaline granite	1	gray	4	5	uniform	none	clouded
4240370	4240370	Medium to coarse grained equigranular peralkaline granite	1	buff	6	6	uniform	none	clear
4240371	4240371	Medium to coarse grained equigranular peralkaline granite	1	pink	9	5	uniform	none	clouded
4240372	4240372	Medium to coarse grained equigranular peralkaline granite	1	red or purple	8	6	porphyritic	none	clouded
4240373	4240373	Medium to coarse grained equigranular peralkaline granite	1	red or purple	8	6	porphyritic	none	clouded
4240374	4240374	Medium to coarse grained equigranular peralkaline granite	1	buff	6	6	porphyritic	none	clear
4240375	4240375	Medium to coarse grained equigranular peralkaline granite	1	buff	6	6	porphyritic	none	clear
4240376	4240376	Medium to coarse grained equigranular peralkaline granite	1	pink	9	5	uniform	none	clear
4240377	4240377	Medium to coarse grained equigranular peralkaline granite	1	buff	6	5	uniform	none	clear
4240378	4240378	Medium to coarse grained equigranular peralkaline granite	1	buff	6	6	variable	none	clear
4240381	4240381	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	variable	none	clear
4240382	4240382	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	variable	none	clear
4240383	4240383	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	variable	none	clear
4240384	4240384	Medium to coarse grained equigranular peralkaline granite	1	buff	6	5	uniform	none	clear
4240385	4240385	Medium to coarse grained equigranular peralkaline granite	1	buff	6	7	variable	none	clear
4240386	4240386	Medium to coarse grained equigranular peralkaline granite	1	buff	6	5	variable	none	clouded
4240387	4240387	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	variable	none	clear
4240388	4240388	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	variable	none	clear
4240389	4240389	Medium to coarse grained equigranular peralkaline granite	1	pink	9	5	uniform	none	clouded
4240390	4240390	Medium to coarse grained equigranular peralkaline granite	1	pink	9	5	uniform	none	clear
4240391	4240391	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	uniform	none	clear
4240392	4240392	Medium to coarse grained equigranular peralkaline granite	1	buff	6	5	porphyritic	none	clear
4240393	4240393	Medium to coarse grained equigranular peralkaline granite	1	pink	9	7	variable	none	clear
4240394	4240394	Medium to coarse grained equigranular peralkaline granite	1	gray	4	6	variable	none	clear
4240395	4240395	Aphanitic to fine grained equigranular peralkaline granite	2	50-80% white	1	5	uniform	uncoded	clear
4240396	4240396	Medium to coarse grained equigranular peralkaline granite	1	buff	6	6	variable	none	clear
4240397	4240397	Medium to coarse grained equigranular peralkaline granite	1	buff	6	6	variable	none	clear
4240398	4240398	Intermediate plutonic rock	7	red or purple	8	1	uniform	igneous flow	uncoded
4240401	4240401	Aphanitic to fine grained porphyritic peralkaline granite	2	red or purple	8	5	uniform	none	clear
4240402	4240402	Aphanitic to fine grained porphyritic peralkaline granite	2	red or purple	8	5	uniform	none	clear
4240403	4240403	Aphanitic to fine grained porphyritic peralkaline granite	2	red or purple	8	5	uniform	none	clear
4240404	4240404	Aphanitic to fine grained porphyritic peralkaline granite	2	gray	4	5	uniform	none	clear
4240405	4240405	Aphanitic to fine grained porphyritic peralkaline granite	2	pink	9	5	uniform	none	clear
4240406	4240406	Aphanitic to fine grained porphyritic peralkaline granite	2	red or purple	8	5	uniform	none	clear
4240407	4240407	Aphanitic to fine grained porphyritic peralkaline granite	2	gray	4	5	uniform	none	clear
4240408	4240408	Aphanitic to fine grained porphyritic peralkaline granite	2	red or purple	8	5	uniform	none	clear
4240409	4240409	Vein	-99	uncoded	-99	-99	variable	none	uncoded
4240410	4240410	Aphanitic to fine grained porphyritic peralkaline granite	2	gray	4	5	variable	none	clear
4240411	4240411	Aphanitic to fine grained porphyritic peralkaline granite	2	gray	4	5	variable	none	clear
4240412	4240412	Aphanitic to fine grained porphyritic peralkaline granite	2	gray	4	6	uniform	none	clear

Appendix 1. Field and Lithochemical Data. Note that values of "-99" indicate no data available

LabNum	FieldNum	Feldspars_numeric	Mafics_pct	Alteration	Alteration_numeric	Weathering	Weather_numeric	Vein	Veintype	Scintype	Scint_cps	KUTh_cps
4240023	4240023	1	5	hydrothermal, white	3	moderate	3	present	granitic	BGS-1	800	28.0
4240024	4240024	1	15	none	0	unweathered	1	absent	no vein	BGS-1	200	-99.0
4240025	4240025	1	10	none	1	moderate	3	absent	no vein	BGS-1	81	2.8
4240026	4240026	-99	10	none	0	unweathered	1	absent	no vein	BGS-1	140	3.0
4240027	4240027	0	15	none	0	slight	2	absent	no vein	BGS-1	177	4.3
4240033	4240033	0	12	none	0	slight	2	absent	no vein	BGS-1	117	3.1
4240034	4240034	0	12	none	0	slight	2	absent	no vein	BGS-1	106	4.0
4240035	4240035	0	20	none	0	unweathered	1	absent	no vein	BGS-1	92	2.5
4240036	4240036	1	10	none	0	slight	2	absent	no vein	BGS-1	92	2.7
4240037	4240037	1	15	none	0	slight	2	absent	no vein	BGS-1	111	3.5
4240038	4240038	1	8	none	0	slight	2	absent	no vein	BGS-1	85	2.1
4240041	4240041	1	10	none	0	slight	2	uncoded	uncoded	GIS-4	150	-99.0
4240042	4240042	1	12	none	1	moderate	3	absent	no vein	BGS-1	120	3.7
4240043	4240043	0	10	none	0	slight	2	absent	no vein	BGS-1	100	1.5
4240044	4240044	1	20	none	0	unweathered	1	absent	no vein	blank	-99	-99.0
4240045	4240045	1	20	none	0	moderate	3	absent	no vein	BGS-1	120	4.0
4240046	4240046	1	15	none	0	slight	2	present	quartz	BGS-1	111	2.0
4240047	4240047	1	12	none	0	slight	2	absent	no vein	BGS-1	140	-99.0
4240048	4240048	0	20	none	0	unweathered	1	absent	no vein	GIS-4	113	4.0
4240049	4240049	1	20	none	0	moderate	3	absent	no vein	BGS-1	131	3.1
4240050	4240050	1	10	none	0	slight	2	absent	no vein	BGS-1	128	4.1
4240051	4240051	1	12	none	0	moderate	3	absent	no vein	BGS-1	86	2.0
4240052	4240052	1	10	none	0	unweathered	1	absent	no vein	GIS-4	145	-99.0
4240053	4240053	1	12	none	1	moderate	3	absent	no vein	BGS-1	73	2.0
4240054	4240054	1	10	none	1	extensive	4	absent	no vein	BGS-1	128	3.3
4240055	4240055	1	12	none	1	moderate	3	absent	no vein	BGS-1	126	3.3
4240056	4240056	1	12	none	1	moderate	3	absent	no vein	BGS-1	106	2.9
4240057	4240057	1	15	none	0	slight	2	absent	no vein	BGS-1	93	3.6
4240058	4240058	1	8	none	0	slight	2	absent	no vein	BGS-1	92	3.2
4240061	4240061	1	30	none	0	extensive	4	absent	no vein	BGS-1	84	3.0
4240063	4240063	1	20	none	0	unweathered	1	absent	no vein	BGS-1	83	1.9
4240064	4240064	1	10	none	1	slight	2	absent	no vein	BGS-1	85	2.1
4240065	4240065	1	10	none	0	unweathered	1	absent	no vein	BGS-1	88	2.5
4240066	4240066	1	15	none	0	unweathered	1	absent	no vein	BGS-1	122	4.1
4240067	4240067	1	10	none	0	slight	2	absent	no vein	BGS-1	124	4.1
4240068	4240068	1	12	none	0	unweathered	1	absent	no vein	BGS-1	112	3.7
4240069	4240069	1	8	none	1	moderate	3	absent	no vein	BGS-1	75	2.6
4240070	4240070	1	20	none	0	slight	2	absent	no vein	BGS-1	120	3.4
4240071	4240071	1	15	none	0	slight	2	absent	no vein	BGS-1	102	3.3
4240072	4240072	1	20	none	0	slight	2	absent	no vein	BGS-1	119	4.0
4240073	4240073	1	20	none	0	slight	2	absent	no vein	BGS-1	112	3.9
4240074	4240074	0	15	none	0	unweathered	1	absent	no vein	BGS-1	134	4.0
4240075	4240075	1	10	none	0	slight	2	absent	no vein	BGS-1	124	4.3
4240076	4240076	1	60	none	0	slight	2	absent	no vein	BGS-1	85	2.4
4240077	4240077	0	12	none	0	slight	2	present	quartz	BGS-1	132	3.8
4240078	4240078	0	15	none	0	unweathered	1	absent	no vein	BGS-1	113	3.6
4240081	4240081	1	12	none	0	slight	2	absent	no vein	BGS-1	92	3.0
4240082	4240082	0	12	none	0	unweathered	1	absent	no vein	BGS-1	135	4.4
4240083	4240083	0	8	none	1	moderate	3	absent	no vein	BGS-1	116	3.5
4240084	4240084	1	15	none	1	slight	2	absent	no vein	BGS-1	87	3.7

Appendix 1. Field and Lithochemical Data. Note that values of "-.99" indicate no data available

LabNum	FieldNum	Feldspars_numeric	Mafics_pct	Alteration	Alteration_numeric	Weathering	Weather_numeric	Vein	Veintype	Scintype	Scint_cps	KUTh_cps
4240085	4240085	-99	12	none	0	unweathered	1	absent	no vein	BGS-1	142	4.0
4240086	4240086	1	15	none	0	unweathered	1	absent	no vein	BGS-1	145	4.8
4240087	4240087	1	10	none	1	moderate	3	absent	no vein	BGS-1	79	2.2
4240088	4240088	0	15	none	0	slight	2	uncoded	uncoded	BGS-1	226	7.0
4240089	4240089	0	15	none	0	unweathered	1	absent	no vein	BGS-1	150	4.4
4240090	4240090	1	15	none	1	slight	2	absent	no vein	BGS-1	115	3.2
4240091	4240091	1	10	none	1	slight	2	absent	no vein	BGS-1	130	3.6
4240092	4240092	1	12	none	0	moderate	3	absent	no vein	BGS-1	115	3.9
4240093	4240093	1	12	none	0	slight	2	uncoded	uncoded	BGS-1	126	4.0
4240094	4240094	0	15	none	0	slight	2	absent	no vein	BGS-1	105	2.9
4240095	4240095	1	12	none	0	moderate	3	absent	no vein	BGS-1	98	3.7
4240096	4240096	1	15	hydrothermal, white	3	moderate	3	absent	no vein	BGS-1	130	3.4
4240097	4240097	0	15	none	1	slight	2	absent	no vein	BGS-1	88	3.0
4240098	4240098	0	25	none	1	slight	2	absent	no vein	BGS-1	98	3.6
4240101	4240101	0	20	none	0	unweathered	1	present	quartz	BGS-1	130	3.5
4240102	4240102	1	18	none	0	slight	2	absent	no vein	BGS-1	161	4.3
4240103	4240103	1	25	none	1	moderate	3	absent	no vein	BGS-1	38	1.5
4240104	4240104	0	18	none	0	unweathered	1	absent	no vein	BGS-1	110	2.7
4240105	4240105	1	15	none	1	extensive	4	absent	no vein	BGS-1	97	3.7
4240106	4240106	1	15	none	0	slight	2	absent	no vein	BGS-1	92	2.7
4240107	4240107	1	12	none	0	unweathered	1	absent	no vein	BGS-1	139	3.8
4240108	4240108	0	15	none	0	slight	2	absent	no vein	BGS-1	140	4.7
4240109	4240109	1	12	none	1	moderate	3	absent	no vein	BGS-1	137	4.0
4240110	4240110	0	18	none	1	slight	2	absent	no vein	BGS-1	95	2.4
4240111	4240111	0	15	none	0	slight	2	absent	no vein	BGS-1	98	2.5
4240112	4240112	1	10	none	1	moderate	3	absent	no vein	BGS-1	100	3.4
4240113	4240113	1	10	none	0	slight	2	absent	no vein	BGS-1	99	3.6
4240114	4240114	-99	-99	none	0	unweathered	1	present	quartz	BGS-1	182	6.0
4240115	4240115	1	15	none	0	unweathered	1	absent	no vein	BGS-1	117	2.5
4240116	4240116	1	15	none	0	unweathered	1	absent	no vein	BGS-1	131	3.4
4240117	4240117	0	15	none	0	unweathered	1	absent	no vein	BGS-1	120	3.9
4240118	4240118	-99	15	none	0	unweathered	1	absent	no vein	BGS-1	135	3.2
4240121	4240121	1	10	none	0	unweathered	1	absent	no vein	BGS-1	161	4.2
4240122	4240122	1	15	none	0	slight	2	absent	no vein	BGS-1	111	3.3
4240123	4240123	-99	10	none	0	unweathered	1	absent	no vein	BGS-1	110	3.0
4240124	4240124	0	20	none	0	slight	2	absent	no vein	BGS-1	110	3.0
4240125	4240125	1	12	none	0	slight	2	absent	no vein	BGS-1	154	4.7
4240126	4240126	1	8	none	0	unweathered	1	absent	no vein	BGS-1	120	4.0
4240127	4240127	0	18	none	0	unweathered	1	absent	no vein	BGS-1	98	2.5
4240128	4240128	1	15	none	0	moderate	3	absent	no vein	BGS-1	141	3.7
4240129	4240129	1	15	none	0	unweathered	1	absent	no vein	BGS-1	115	4.1
4240130	4240130	1	15	none	0	slight	2	absent	no vein	BGS-1	152	4.1
4240131	4240131	0	10	none	0	unweathered	1	present	granite	BGS-1	101	3.8
4240132	4240132	-99	10	none	0	slight	2	absent	no vein	BGS-1	137	2.4
4240133	4240133	0	10	none	0	slight	2	absent	no vein	BGS-1	111	3.4
4240134	4240134	0	10	none	0	slight	2	absent	no vein	BGS-1	111	3.4
4240135	4240135	1	20	none	0	unweathered	1	absent	no vein	BGS-1	124	4.0
4240136	4240136	0	12	none	0	unweathered	1	absent	no vein	BGS-1	101	2.6
4240137	4240137	1	10	none	0	unweathered	1	present	granite	BGS-1	125	4.0
4240138	4240138	1	12	none	0	unweathered	1	absent	no vein	BGS-1	133	4.5

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LabNum	FieldNum	Feldspars_numeric	Mafics_pct	Alteration	Alteration_numeric	Weathering	Weather_numeric	Vein	Veintype	Scintype	Scint_cps	KUTh_cps
4240141	4240141	0	30	none	0	unweathered	1	absent	no vein	BGS-1	111	3.2
4240142	4240142	1	8	none	0	unweathered	1	absent	no vein	BGS-1	148	5.4
4240143	4240143	0	25	none	0	unweathered	1	absent	no vein	BGS-1	122	2.4
4240144	4240144	0	15	none	0	unweathered	1	absent	no vein	BGS-1	91	3.4
4240145	4240145	1	10	none	1	moderate	3	absent	no vein	BGS-1	151	4.2
4240146	4240146	0	15	none	0	unweathered	1	absent	no vein	BGS-1	130	4.7
4240147	4240147	0	20	none	0	unweathered	1	absent	no vein	BGS-1	123	3.4
4240148	4240148	0	15	none	0	slight	2	absent	no vein	BGS-1	149	6.0
4240149	4240149	0	8	none	0	unweathered	1	absent	no vein	BGS-1	115	3.9
4240150	4240150	0	18	none	0	slight	2	absent	no vein	BGS-1	148	4.4
4240151	4240151	1	15	none	0	slight	2	uncoded	uncoded	BGS-1	120	2.5
4240152	4240152	0	20	none	0	slight	2	absent	no vein	BGS-1	161	5.0
4240153	4240153	0	18	none	1	moderate	3	absent	no vein	BGS-1	130	3.1
4240154	4240154	0	15	none	0	slight	2	absent	no vein	BGS-1	115	3.2
4240155	4240155	0	15	none	0	slight	2	absent	no vein	BGS-1	133	4.7
4240156	4240156	0	15	none	0	slight	2	absent	no vein	BGS-1	122	4.4
4240157	4240157	0	8	none	1	slight	2	absent	no vein	BGS-1	92	2.3
4240158	4240158	0	18	none	0	slight	2	absent	no vein	BGS-1	147	4.4
4240161	4240161	1	15	none	0	unweathered	1	absent	no vein	BGS-1	169	6.1
4240162	4240162	1	12	none	1	moderate	3	absent	no vein	BGS-1	98	1.9
4240163	4240163	0	10	none	0	slight	2	absent	no vein	BGS-1	150	4.6
4240164	4240164	1	10	none	1	moderate	3	absent	no vein	BGS-1	125	4.1
4240165	4240165	0	12	none	0	unweathered	1	absent	no vein	BGS-1	136	4.1
4240166	4240166	0	12	none	0	slight	2	absent	no vein	BGS-1	130	3.8
4240167	4240167	0	20	none	0	unweathered	1	absent	no vein	BGS-1	126	4.0
4240168	4240168	0	15	none	0	unweathered	1	absent	no vein	BGS-1	116	4.1
4240169	4240169	0	10	none	0	unweathered	1	absent	no vein	BGS-1	81	3.2
4240170	4240170	1	20	none	0	unweathered	1	absent	no vein	BGS-1	125	4.3
4240171	4240171	0	10	none	0	unweathered	1	absent	no vein	BGS-1	110	2.9
4240172	4240172	1	10	none	0	slight	2	absent	no vein	BGS-1	102	-99.0
4240173	4240173	0	8	gossanous	2	extensive	4	absent	no vein	BGS-1	100	3.4
4240174	4240174	0	15	none	0	slight	2	absent	no vein	BGS-1	79	2.6
4240175	4240175	0	20	none	1	moderate	3	absent	no vein	BGS-1	112	1.8
4240176	4240176	0	20	none	0	slight	2	absent	no vein	BGS-1	80	3.7
4240177	4240177	0	20	none	0	slight	2	absent	no vein	BGS-1	99	3.9
4240178	4240178	0	18	none	0	slight	2	absent	no vein	BGS-1	100	2.7
4240181	4240181	0	10	none	1	moderate	3	absent	no vein	BGS-1	70	2.7
4240182	4240182	1	10	none	1	slight	2	absent	no vein	BGS-1	78	3.0
4240183	4240183	0	8	none	0	slight	2	absent	no vein	BGS-1	101	3.7
4240184	4240184	0	20	none	0	unweathered	1	absent	no vein	BGS-1	179	-99.0
4240185	4240185	0	20	none	0	unweathered	1	absent	no vein	BGS-1	87	2.5
4240186	4240186	0	18	none	0	unweathered	1	absent	no vein	BGS-1	100	2.5
4240187	4240187	0	10	none	1	moderate	3	absent	no vein	BGS-1	79	3.0
4240188	4240188	0	10	none	0	slight	2	absent	no vein	BGS-1	65	2.2
4240189	4240189	0	10	none	1	extensive	4	absent	no vein	BGS-1	66	3.6
4240190	4240190	0	12	none	0	slight	2	absent	no vein	BGS-1	114	2.3
4240191	4240191	1	18	none	1	moderate	3	absent	no vein	BGS-1	114	3.3
4240192	4240192	0	12	none	0	unweathered	1	absent	no vein	BGS-1	130	4.7
4240193	4240193	0	15	none	0	unweathered	1	absent	no vein	BGS-1	128	4.3
4240194	4240194	0	8	none	0	slight	2	absent	no vein	BGS-1	149	2.1

Appendix 1. Field and Lithochemical Data. Note that values of "-99" indicate no data available

LabNum	FieldNum	Feldspars_numeric	Mafics_pct	Alteration	Alteration_numeric	Weathering	Weather_numeric	Vein	Veintype	Scintype	Scint_cps	KUTh_cps
4240195	4240195	0	20	none	0	unweathered	1	absent	no vein	BGS-1	122	4.7
4240196	4240196	0	12	none	1	slight	2	absent	no vein	BGS-1	125	2.1
4240197	4240197	1	15	none	1	moderate	3	absent	no vein	BGS-1	125	8.2
4240198	4240198	0	8	none	1	slight	2	absent	no vein	BGS-1	93	3.7
4240201	4240201	0	15	none	1	moderate	3	absent	no vein	BGS-1	121	2.2
4240202	4240202	0	15	none	0	slight	2	absent	no vein	BGS-1	119	3.5
4240203	4240203	0	12	none	0	slight	2	absent	no vein	BGS-1	115	4.6
4240204	4240204	0	10	none	0	slight	2	absent	no vein	BGS-1	140	4.1
4240205	4240205	0	10	none	0	slight	2	absent	no vein	BGS-1	120	4.0
4240206	4240206	0	10	none	0	slight	2	absent	no vein	BGS-1	120	4.8
4240207	4240207	1	12	none	0	unweathered	1	absent	no vein	BGS-1	120	3.2
4240208	4240208	1	15	none	0	unweathered	1	absent	no vein	BGS-1	118	4.9
4240209	4240209	0	15	none	0	unweathered	1	absent	no vein	BGS-1	95	2.6
4240210	4240210	1	8	none	0	slight	2	absent	no vein	BGS-1	92	3.0
4240211	4240211	0	15	none	0	unweathered	1	absent	no vein	BGS-1	119	4.4
4240212	4240212	1	8	none	0	slight	2	absent	no vein	BGS-1	115	2.3
4240213	4240213	0	8	none	0	unweathered	1	absent	no vein	BGS-1	126	6.3
4240214	4240214	0	8	none	0	moderate	3	absent	no vein	BGS-1	129	5.0
4240215	4240215	0	10	none	0	slight	2	absent	no vein	BGS-1	130	3.7
4240216	4240216	0	15	none	0	unweathered	1	absent	no vein	no scint	-99	-99.0
4240217	4240217	0	15	none	0	unweathered	1	absent	no vein	BGS-1	113	4.5
4240218	4240218	0	15	none	0	unweathered	1	absent	no vein	BGS-1	159	4.4
4240221	4240221	0	15	none	0	moderate	3	absent	no vein	BGS-1	148	4.2
4240222	4240222	0	15	none	0	slight	2	absent	no vein	BGS-1	130	3.4
4240223	4240223	1	12	none	0	unweathered	1	absent	no vein	BGS-1	96	1.0
4240224	4240224	1	10	none	0	slight	2	absent	no vein	BGS-1	91	3.2
4240225	4240225	0	12	none	0	unweathered	1	absent	no vein	BGS-1	100	2.7
4240226	4240226	0	8	none	0	unweathered	1	absent	no vein	BGS-1	105	4.7
4240227	4240227	0	12	none	0	slight	2	absent	no vein	BGS-1	105	2.7
4240228	4240228	0	8	none	0	unweathered	1	absent	no vein	BGS-1	143	4.0
4240229	4240229	1	12	none	0	unweathered	1	absent	no vein	BGS-1	135	5.1
4240230	4240230	1	10	none	0	slight	2	present	quartz	BGS-1	151	3.6
4240231	4240231	0	10	none	0	unweathered	1	absent	no vein	BGS-1	96	2.9
4240232	4240232	0	8	none	0	unweathered	1	absent	no vein	BGS-1	100	3.4
4240233	4240233	0	8	none	0	slight	2	absent	no vein	BGS-1	93	3.9
4240234	4240234	0	15	none	0	slight	2	absent	no vein	BGS-1	110	2.8
4240235	4240235	0	5	none	0	slight	2	absent	no vein	BGS-1	104	4.6
4240236	4240236	1	10	none	0	slight	2	absent	no vein	BGS-1	108	3.2
4240237	4240237	0	10	none	1	moderate	3	absent	no vein	BGS-1	86	2.9
4240238	4240238	0	15	none	0	unweathered	1	absent	no vein	BGS-1	98	3.6
4240241	4240241	0	12	none	0	slight	2	absent	no vein	BGS-1	116	2.9
4240242	4240242	0	15	none	0	unweathered	1	absent	no vein	BGS-1	90	2.1
4240243	4240243	0	10	none	0	unweathered	1	absent	no vein	BGS-1	125	3.6
4240244	4240244	0	12	none	0	unweathered	1	absent	no vein	BGS-1	104	2.0
4240245	4240245	0	8	none	0	slight	2	absent	no vein	BGS-1	76	1.4
4240246	4240246	0	12	none	0	slight	2	absent	no vein	BGS-1	121	4.1
4240247	4240247	0	15	none	0	unweathered	1	absent	no vein	BGS-1	91	2.7
4240248	4240248	0	15	none	0	slight	2	absent	no vein	BGS-1	85	3.3
4240249	4240249	0	12	none	0	slight	2	absent	no vein	BGS-1	144	3.9
4240250	4240250	0	12	none	0	slight	2	absent	no vein	BGS-1	129	2.6

Appendix 1. Field and Lithochemical Data. Note that values of "-99" indicate no data available

LabNum	FieldNum	Feldspars_numeric	Mafics_pct	Alteration	Alteration_numeric	Weathering	Weather_numeric	Vein	Veintype	Scintype	Scint_cps	KUTh_cps
4240251	4240251	1	10	none	0	slight	2	absent	no vein	BGS-1	130	4.9
4240252	4240252	1	18	none	0	slight	2	absent	no vein	BGS-1	111	2.6
4240253	4240253	0	15	none	0	slight	2	present	quartz	BGS-1	139	3.3
4240254	4240254	0	15	none	0	slight	2	absent	no vein	BGS-1	134	5.4
4240255	4240255	0	15	none	0	unweathered	1	absent	no vein	BGS-1	137	3.6
4240256	4240256	0	8	none	0	unweathered	1	absent	no vein	BGS-1	108	1.7
4240257	4240257	1	12	none	0	unweathered	1	absent	no vein	BGS-1	120	4.4
4240258	4240258	0	10	none	0	unweathered	1	absent	no vein	BGS-1	130	3.4
4240261	4240261	0	10	none	0	slight	2	absent	no vein	BGS-1	129	4.1
4240262	4240262	0	10	none	0	unweathered	1	absent	no vein	BGS-1	168	4.2
4240263	4240263	0	15	none	1	moderate	3	absent	no vein	BGS-1	143	4.7
4240264	4240264	0	12	none	0	slight	2	absent	no vein	BGS-1	133	5.0
4240265	4240265	0	20	none	1	slight	2	absent	no vein	BGS-1	102	2.8
4240266	4240266	0	15	none	0	slight	2	present	quartz	BGS-1	144	4.3
4240267	4240267	0	8	none	0	unweathered	1	absent	no vein	BGS-1	113	-99.0
4240268	4240268	0	12	none	0	unweathered	1	absent	no vein	BGS-1	108	2.6
4240269	4240269	0	15	none	0	unweathered	1	absent	no vein	BGS-1	138	2.7
4240270	4240270	0	15	none	0	unweathered	1	absent	no vein	BGS-1	88	3.4
4240271	4240271	0	10	none	0	slight	2	absent	no vein	BGS-1	129	4.5
4240272	4240272	0	10	none	0	moderate	3	absent	no vein	BGS-1	93	1.9
4240273	4240273	0	15	none	1	moderate	3	absent	no vein	BGS-1	156	5.1
4240274	4240274	0	15	none	0	unweathered	1	absent	no vein	BGS-1	130	4.1
4240275	4240275	0	18	none	0	unweathered	1	absent	no vein	BGS-1	134	3.1
4240276	4240276	0	15	none	0	slight	2	absent	no vein	BGS-1	166	5.5
4240277	4240277	0	15	none	0	slight	2	absent	no vein	BGS-1	102	3.5
4240278	4240278	1	18	none	1	slight	2	absent	no vein	BGS-1	101	3.1
4240281	4240281	0	15	none	1	extensive	4	absent	no vein	BGS-1	113	3.6
4240282	4240282	0	8	none	1	slight	2	absent	no vein	BGS-1	109	2.5
4240283	4240283	0	10	none	1	slight	2	absent	no vein	BGS-1	114	3.5
4240284	4240284	0	20	none	0	moderate	3	absent	no vein	BGS-1	100	3.9
4240285	4240285	1	12	none	0	slight	2	absent	no vein	BGS-1	136	2.8
4240286	4240286	1	18	none	0	slight	2	absent	no vein	BGS-1	136	5.0
4240287	4240287	1	12	none	0	unweathered	1	absent	no vein	BGS-1	131	4.3
4240288	4240288	0	18	none	0	unweathered	1	absent	no vein	BGS-1	214	5.4
4240289	4240289	1	15	none	0	slight	2	absent	no vein	BGS-1	242	3.1
4240290	4240290	1	8	none	1	moderate	3	absent	no vein	BGS-1	127	4.8
4240291	4240291	1	10	none	0	slight	2	absent	no vein	BGS-1	106	4.1
4240292	4240292	0	10	none	0	unweathered	1	absent	no vein	BGS-1	104	3.4
4240293	4240293	0	10	none	0	unweathered	1	present	quartz	BGS-1	118	4.0
4240294	4240294	0	10	none	0	unweathered	1	uncoded	uncoded	BGS-1	173	-99.0
4240295	4240295	1	25	gossanous	2	extensive	4	absent	no vein	BGS-1	91	3.7
4240296	4240296	0	18	none	0	unweathered	1	absent	no vein	BGS-1	131	3.7
4240297	4240297	0	15	none	1	moderate	3	absent	no vein	blank	-99	-99.0
4240298	4240298	1	18	none	0	slight	2	absent	no vein	BGS-1	142	4.0
4240301	4240301	0	12	none	0	slight	2	absent	no vein	BGS-1	126	4.0
4240302	4240302	0	18	none	0	unweathered	1	absent	no vein	blank	-99	-99.0
4240303	4240303	1	15	none	0	slight	2	absent	no vein	BGS-1	94	3.0
4240304	4240304	0	18	none	0	unweathered	1	uncoded	uncoded	blank	-99	-99.0
4240305	4240305	0	18	none	1	moderate	3	absent	no vein	BGS-1	77	3.1
4240306	4240306	0	15	none	0	slight	2	absent	no vein	blank	-99	-99.0

Appendix 1. Field and Lithochemical Data. Note that values of "-99" indicate no data available

LabNum	FieldNum	Feldspars_numeric	Mafics_pct	Alteration	Alteration_numeric	Weathering	Weather_numeric	Vein	Veintype	Scintype	Scint_cps	KUTh_cps
4240307	4240307	0	18	none	0	unweathered	1	absent	no vein	BGS-1	183	6.4
4240308	4240308	0	12	none	0	moderate	3	absent	no vein	BGS-1	118	3.8
4240309	4240309	1	20	none	0	moderate	3	absent	no vein	BGS-1	98	3.5
4240310	4240310	0	10	none	0	unweathered	1	absent	no vein	blank	-99	-99.0
4240311	4240311	0	18	none	1	moderate	3	absent	no vein	BGS-1	131	4.7
4240312	4240312	0	20	none	0	slight	2	absent	no vein	BGS-1	98	3.1
4240313	4240313	0	12	none	0	slight	2	absent	no vein	blank	-99	-99.0
4240314	4240314	1	12	none	0	slight	2	absent	no vein	BGS-1	150	4.8
4240315	4240315	1	12	none	0	moderate	3	absent	no vein	BGS-1	112	3.6
4240316	4240316	-99	-99	none	0	slight	2	absent	no vein	BGS-1	94	2.7
4240317	4240317	0	15	none	0	unweathered	1	absent	no vein	BGS-1	135	5.0
4240318	4240318	0	10	none	0	unweathered	1	absent	no vein	BGS-1	273	7.3
4240321	4240321	1	12	none	0	unweathered	3	present	quartz	BGS-1	127	4.6
4240322	4240322	0	15	none	1	moderate	4	absent	no vein	BGS-1	32	0.6
4240323	4240323	0	15	none	0	extensive	1	absent	no vein	BGS-1	114	4.0
4240324	4240324	0	12	none	0	unweathered	1	absent	no vein	BGS-1	114	4.0
4240325	4240325	0	15	none	0	unweathered	1	absent	no vein	blank	-99	-99.0
4240326	4240326	0	15	none	0	unweathered	1	absent	no vein	BGS-1	110	2.9
4240327	4240327	0	10	none	0	unweathered	1	absent	no vein	BGS-1	120	3.4
4240328	4240328	0	10	none	0	slight	2	absent	no vein	BGS-1	143	4.2
4240329	4240329	0	12	none	0	unweathered	1	absent	no vein	blank	-99	-99.0
4240330	4240330	0	10	none	0	unweathered	1	absent	no vein	BGS-1	129	5.4
4240331	4240331	0	10	none	0	unweathered	3	absent	no vein	BGS-1	138	3.5
4240332	4240332	1	10	none	0	moderate	2	absent	no vein	blank	-99	-99.0
4240333	4240333	1	15	none	0	slight	2	absent	no vein	BGS-1	112	3.2
4240334	4240334	0	0	none	0	slight	2	absent	no vein	BGS-1	108	3.7
4240335	4240335	0	18	none	0	unweathered	1	absent	no vein	blank	-99	-99.0
4240336	4240336	1	15	none	0	unweathered	1	absent	no vein	BGS-1	103	3.8
4240337	4240337	0	12	none	0	slight	2	absent	no vein	blank	-99	-99.0
4240338	4240338	0	12	none	0	unweathered	1	absent	no vein	BGS-1	107	3.0
4240341	4240341	0	12	none	1	moderate	3	absent	no vein	BGS-1	97	3.2
4240342	4240342	1	15	none	0	moderate	3	absent	no vein	BGS-1	85	3.3
4240343	4240343	0	12	none	1	extensive	4	absent	no vein	BGS-1	106	2.8
4240344	4240344	0	10	none	0	slight	2	absent	no vein	BGS-1	97	2.9
4240345	4240345	0	15	none	0	unweathered	1	absent	no vein	BGS-1	80	3.6
4240346	4240346	0	12	none	1	moderate	3	absent	no vein	BGS-1	80	3.7
4240347	4240347	1	10	none	1	slight	2	absent	no vein	BGS-1	76	2.1
4240348	4240348	1	18	none	1	moderate	3	absent	no vein	BGS-1	101	3.0
4240349	4240349	1	15	none	1	moderate	3	absent	no vein	BGS-1	67	2.9
4240350	4240350	0	20	none	0	slight	2	absent	no vein	BGS-1	107	3.5
4240351	4240351	0	-99	gossanous	2	slight	2	absent	no vein	BGS-1	93	3.5
4240352	4240352	0	10	none	0	extreme	5	absent	no vein	BGS-1	72	1.8
4240353	4240353	1	10	none	0	unweathered	1	present	quartz	BGS-1	110	3.7
4240354	4240354	0	12	none	0	slight	2	absent	no vein	BGS-1	98	2.7
4240355	4240355	0	12	none	0	slight	2	absent	no vein	BGS-1	102	2.3
4240356	4240356	0	10	none	0	slight	2	absent	no vein	BGS-1	100	2.0
4240357	4240357	0	10	none	0	slight	2	absent	no vein	BGS-1	116	4.3
4240358	4240358	1	10	none	0	slight	2	absent	no vein	BGS-1	109	3.3
4240361	4240361	0	15	none	1	slight	2	absent	no vein	BGS-1	100	4.2
4240362	4240362	0	12	none	1	moderate	3	absent	no vein	BGS-1	108	2.3
						moderate	3	absent	no vein	BGS-1	106	3.8

Appendix 1. Field and Lithochemical Data. Note that values of "-99" indicate no data available

LabNum	FieldNum	Feldspars_numeric	Mafics_pct	Alteration	Alteration_numeric	Weathering	Weather_numeric	Vein	Veintype	Scintype	Scint_cps	KUTh_cps
4240363	4240363	0	50	none	0	slight	2	absent	no vein	BGS-1	91	2.8
4240364	4240364	0	12	none	0	moderate	3	absent	no vein	BGS-1	99	1.9
4240365	4240365	1	12	none	0	unweathered	1	absent	no vein	BGS-1	109	3.6
4240366	4240366	1	10	none	0	slight	2	absent	no vein	BGS-1	81	3.0
4240367	4240367	0	18	none	1	moderate	3	absent	no vein	BGS-1	93	1.7
4240368	4240368	0	15	none	1	moderate	3	absent	no vein	BGS-1	114	2.2
4240369	4240369	1	8	none	0	extensive	4	absent	no vein	BGS-1	130	3.2
4240370	4240370	0	10	none	0	moderate	3	absent	no vein	BGS-1	101	2.5
4240371	4240371	1	8	none	0	slight	2	absent	no vein	BGS-1	132	2.5
4240372	4240372	1	8	none	0	unweathered	1	absent	no vein	BGS-1	153	4.7
4240373	4240373	1	8	none	0	unweathered	1	absent	no vein	BGS-1	159	5.3
4240374	4240374	0	10	none	0	unweathered	1	absent	no vein	BGS-1	85	3.3
4240375	4240375	0	12	none	0	moderate	3	absent	no vein	BGS-1	160	4.2
4240376	4240376	0	8	none	0	unweathered	1	absent	no vein	BGS-1	97	1.8
4240377	4240377	0	8	none	0	slight	2	absent	no vein	BGS-1	119	2.2
4240378	4240378	0	12	none	0	slight	2	absent	no vein	BGS-1	108	2.4
4240381	4240381	0	12	none	0	extensive	4	absent	no vein	BGS-1	117	3.5
4240382	4240382	0	12	none	0	slight	2	absent	no vein	BGS-1	103	2.7
4240383	4240383	0	10	none	0	slight	2	absent	no vein	BGS-1	113	3.2
4240384	4240384	0	12	none	0	slight	2	absent	no vein	BGS-1	120	4.4
4240385	4240385	0	12	none	1	slight	2	absent	no vein	BGS-1	95	3.0
4240386	4240386	1	12	none	0	slight	2	absent	no vein	BGS-1	108	2.1
4240387	4240387	0	10	none	0	unweathered	1	absent	no vein	BGS-1	100	3.3
4240388	4240388	0	12	none	0	unweathered	1	present	quartz	BGS-1	118	3.8
4240389	4240389	1	10	none	0	unweathered	1	absent	no vein	BGS-1	122	2.3
4240390	4240390	0	10	none	0	unweathered	1	present	quartz	BGS-1	135	3.8
4240391	4240391	0	5	none	0	unweathered	1	absent	no vein	BGS-1	118	2.0
4240392	4240392	0	12	none	0	unweathered	1	present	quartz	BGS-1	97	2.6
4240393	4240393	0	10	none	0	slight	2	absent	no vein	BGS-1	138	3.7
4240394	4240394	0	10	none	0	slight	2	absent	no vein	BGS-1	97	1.7
4240395	4240395	0	18	none	0	unweathered	1	present	green miner: blank	blank	-99	-99.0
4240396	4240396	0	12	none	0	slight	2	absent	no vein	BGS-1	119	3.7
4240397	4240397	0	12	none	0	slight	2	absent	no vein	BGS-1	118	4.1
4240398	4240398	-99	-99	none	0	slight	2	present	fluorite	blank	-99	-99.0
4240401	4240401	0	8	none	0	blank	-99	absent	no vein	BGS-1	200	-99.0
4240402	4240402	0	8	none	0	unweathered	1	present	quartz	GIS-4	195	-99.0
4240403	4240403	0	8	none	0	unweathered	1	present	quartz	GIS-4	190	-99.0
4240404	4240404	0	8	none	0	unweathered	1	absent	no vein	GIS-4	190	-99.0
4240405	4240405	0	8	none	0	unweathered	1	absent	no vein	GIS-4	200	-99.0
4240406	4240406	0	8	none	0	unweathered	1	absent	no vein	GIS-4	155	-99.0
4240407	4240407	0	8	none	0	unweathered	1	absent	no vein	GIS-4	170	-99.0
4240408	4240408	0	8	none	0	unweathered	1	present	quartz	blank	-99	-99.0
4240409	4240409	-99	-99	none	1	moderate	3	present	quartz	GIS-4	80	-99.0
4240410	4240410	0	8	none	0	unweathered	1	present	quartz	GIS-4	175	-99.0
4240411	4240411	0	8	none	0	unweathered	1	absent	no vein	GIS-4	160	-99.0
4240412	4240412	0	12	none	0	unweathered	1	absent	no vein	GIS-4	130	-99.0

Appendix 1. Field and Lithochemical Data. Note that values of "-.99" indicate no data available

LabNum	FieldNum	UTh_cps	Th_cps	SiO2	Al2O3	Fe2O3	FeO	MgO	CaO	Na2O	K2O	TiO2	MnO	P2O5	LOI	Total	Ag6_ppm	As1_ppm	Au1_ppb	Ba1_ppm	Ba2_ppm
4240023	4240023	15.0	2.8	74.10	13.45	1.63	-99.00	0.04	0.04	4.70	5.28	0.03	0.01	0.01	0.57	99.85	0.1	0.5	3.4	76	35
4240024	4240024	-99.0	-99.0	77.35	10.85	2.18	-99.00	0.05	0.25	3.94	4.53	0.19	0.03	0.01	0.38	99.75	0.1	0.5	1.0	120	50
4240025	4240025	1.4	0.3	65.30	13.81	7.06	-99.00	0.15	2.08	4.64	4.85	0.65	0.12	0.09	0.40	99.15	0.1	0.5	1.0	1500	1430
4240026	4240026	2.0	0.8	74.05	12.94	3.15	-99.00	0.22	0.10	3.59	5.13	0.25	0.03	0.01	0.62	100.09	0.1	0.5	1.0	300	222
4240027	4240027	2.3	1.3	74.40	12.02	2.83	-99.00	0.07	0.45	4.16	5.09	0.22	0.05	0.02	0.42	99.80	0.1	0.5	1.0	240	222
4240033	4240033	1.3	0.6	73.60	12.46	3.00	-99.00	0.06	0.42	4.25	5.26	0.25	0.05	0.02	0.42	99.79	0.1	0.5	1.0	310	247
4240034	4240034	2.2	0.9	72.60	11.74	4.35	-99.00	0.09	0.78	4.05	4.84	0.45	0.08	0.03	0.57	99.58	0.1	0.5	1.0	330	453
4240035	4240035	1.1	0.6	68.75	13.32	4.18	-99.00	0.24	1.35	4.34	5.40	0.50	0.08	0.05	1.07	99.88	0.1	0.5	1.0	580	428
4240036	4240036	1.9	0.7	63.50	14.77	5.84	-99.00	1.47	2.90	4.83	3.63	1.25	0.09	0.41	1.17	99.86	0.1	0.5	1.0	1100	1090
4240037	4240037	1.5	0.7	69.85	13.41	3.62	-99.00	0.39	0.34	5.33	6.01	0.32	0.05	0.04	0.76	100.12	0.1	0.5	1.0	130	125
4240038	4240038	0.9	0.5	74.25	12.51	2.39	-99.00	0.21	0.32	3.78	5.73	0.24	0.04	0.03	0.76	100.26	0.1	0.5	1.0	410	344
4240041	4240041	-99.0	-99.0	73.80	11.88	3.08	-99.00	0.10	0.53	3.87	5.09	0.31	0.05	0.02	0.59	99.32	0.1	0.5	5.0	220	216
4240042	4240042	1.7	0.7	74.25	12.36	2.52	-99.00	0.05	0.30	4.30	5.26	0.24	0.04	0.02	0.57	99.91	0.1	0.5	1.0	280	265
4240043	4240043	1.6	0.8	73.85	12.33	2.78	-99.00	0.12	0.46	4.15	5.15	0.29	0.04	0.03	0.60	99.80	0.1	0.5	1.0	260	260
4240044	4240044	-99.0	-99.0	75.90	11.21	2.86	-99.00	0.10	0.23	3.50	5.11	0.26	0.02	0.01	0.68	99.88	0.1	0.5	1.0	20	50
4240045	4240045	1.7	0.9	72.60	12.53	3.23	-99.00	0.15	0.39	4.27	5.24	0.39	0.05	0.04	0.66	99.55	0.1	0.5	1.0	270	255
4240046	4240046	1.4	0.5	70.55	13.22	4.26	-99.00	0.14	0.62	4.48	5.42	0.36	0.08	0.04	0.64	99.81	0.1	0.5	1.0	370	275
4240047	4240047	-99.0	-99.0	71.55	12.94	3.81	-99.00	0.28	0.62	4.52	5.20	0.35	0.06	0.05	0.63	100.01	0.1	0.5	1.0	240	206
4240048	4240048	2.3	0.7	73.15	12.45	3.41	-99.00	0.10	0.73	4.25	5.01	0.34	0.06	0.04	0.64	100.18	0.1	0.5	1.0	480	377
4240049	4240049	2.3	1.0	73.30	12.67	2.98	-99.00	0.16	0.50	4.39	5.19	0.29	0.05	0.03	0.59	100.15	0.1	0.5	1.0	340	211
4240050	4240050	2.9	0.7	73.60	12.51	3.01	-99.00	0.11	0.39	4.22	5.28	0.35	0.05	0.03	0.56	100.11	0.1	0.5	1.0	330	246
4240051	4240051	1.1	0.7	71.25	10.05	3.97	3.18	0.03	0.25	4.78	4.81	0.27	0.11	0.03	0.62	99.35	0.1	0.5	1.0	20	67
4240052	4240052	-99.0	-99.0	73.55	11.85	0.90	2.70	0.06	0.50	4.36	5.11	0.30	0.07	0.02	0.37	99.79	0.1	0.5	1.0	120	60
4240053	4240053	0.7	0.6	72.30	12.27	1.36	2.81	0.07	0.67	4.59	5.18	0.43	0.07	0.04	0.26	100.05	0.1	0.5	1.0	230	130
4240054	4240054	1.7	0.8	74.00	12.16	1.39	1.66	0.11	0.46	4.13	5.14	0.29	0.05	0.03	0.55	99.97	0.1	0.5	1.0	330	265
4240055	4240055	1.5	0.5	73.45	11.83	1.46	1.59	0.16	0.66	4.20	5.15	0.25	0.06	0.03	0.61	99.45	0.1	0.5	1.0	300	255
4240056	4240056	2.7	0.8	71.40	13.05	1.48	2.08	0.13	0.90	4.41	5.49	0.35	0.07	0.04	0.51	99.91	0.1	0.5	1.0	400	445
4240057	4240057	3.1	0.4	72.70	11.87	1.20	2.87	0.04	0.64	4.52	5.15	0.38	0.07	0.02	0.28	99.74	0.1	0.5	1.0	20	55
4240058	4240058	1.4	0.6	75.00	12.02	1.20	0.83	0.03	0.19	4.04	5.15	0.17	0.03	0.01	0.83	99.49	0.1	0.5	1.0	20	60
4240061	4240061	3.1	0.7	68.70	12.10	2.18	4.10	0.17	1.43	4.46	5.02	0.59	0.12	0.09	0.60	99.56	0.1	0.5	1.0	120	173
4240063	4240063	1.4	0.8	65.45	14.09	1.11	4.35	0.93	2.35	4.22	4.42	0.83	0.09	0.27	0.89	99.00	0.1	0.5	1.0	1000	1010
4240064	4240064	1.2	0.7	74.50	10.74	2.38	1.49	0.04	0.34	3.91	4.81	0.27	0.05	0.02	0.91	99.46	0.1	0.5	5.5	20	50
4240065	4240065	1.3	0.6	74.05	11.91	1.43	2.01	0.04	0.52	4.22	5.15	0.34	0.06	0.04	0.72	100.49	0.1	0.5	1.0	130	98
4240066	4240066	2.1	1.1	74.10	11.99	2.32	0.74	0.16	0.41	4.28	5.40	0.30	0.04	0.04	0.54	100.32	0.1	0.5	1.0	220	200
4240067	4240067	1.3	0.9	73.80	11.50	1.40	2.45	0.08	0.59	4.11	5.06	0.39	0.07	0.03	0.59	100.07	0.1	0.5	1.0	130	154
4240068	4240068	1.4	0.8	75.25	11.64	1.12	1.72	0.11	0.52	3.83	4.99	0.35	0.05	0.03	0.59	100.20	0.1	0.5	1.0	180	162
4240069	4240069	1.7	0.9	74.25	12.22	0.71	1.68	0.05	0.44	4.18	5.23	0.23	0.04	0.04	0.40	99.47	0.1	0.5	1.0	260	242
4240070	4240070	1.4	-99.0	74.45	11.40	1.63	1.94	0.11	0.49	3.90	4.96	0.38	0.06	0.04	0.78	100.14	0.1	0.5	1.0	100	171
4240071	4240071	2.7	0.6	72.60	11.62	1.39	2.61	0.10	0.71	4.08	5.08	0.43	0.07	0.05	0.50	99.24	0.1	0.5	1.0	240	219
4240072	4240072	1.6	0.9	62.25	14.42	2.41	5.33	0.27	2.41	5.21	5.03	0.69	0.20	0.21	0.70	98.18	0.1	0.5	1.0	820	700
4240073	4240073	1.7	0.9	62.10	14.19	2.36	5.74	0.27	2.52	5.08	4.93	0.67	0.20	0.20	0.70	98.96	0.1	0.5	1.0	810	701
4240074	4240074	2.3	0.9	69.20	13.28	1.54	3.11	0.11	0.99	3.95	5.76	0.43	0.10	0.05	0.77	99.29	0.1	0.5	1.0	460	410
4240075	4240075	1.5	0.6	74.65	11.67	0.93	2.10	0.07	0.53	3.91	5.11	0.34	0.06	0.03	0.42	99.82	0.1	0.5	1.0	320	241
4240076	4240076	1.4	1.6	57.40	13.69	3.17	7.46	1.30	3.52	4.54	4.32	1.42	0.23	0.78	1.02	98.85	0.1	0.5	1.0	1000	999
4240077	4240077	1.6	0.8	71.85	12.34	1.88	1.32	0.08	0.54	4.82	5.47	0.34	0.07	0.03	0.47	99.21	0.1	0.5	1.0	230	255
4240078	4240078	2.6	0.9	76.05	11.56	1.16	1.16	0.03	0.36	3.92	5.10	0.22	0.04	0.02	0.41	100.03	0.1	0.5	3.5	130	74
4240081	4240081	1.2	0.5	64.20	12.94	4.59	3.66	0.31	1.42	4.75	5.22	0.77	0.14	0.11	0.98	99.09	0.1	0.5	1.0	260	266
4240082	4240082	1.9	1.0	72.85	11.14	2.51	1.50	0.14	0.47	4.32	5.00	0.35	0.06	0.03	0.53	98.90	0.1	0.5	1.0	120	77
4240083	4240083	3.1	0.8	73.50	11.19	2.38	1.76	0.07	0.41	4.47	5.02	0.40	0.06	0.03	0.50	99.79	0.1	0.5	1.0	20	86
4240084	4240084	2.0	0.9	72.40	11.20	5.02	-99.00	0.14	0.43	4.29	5.00	0.47	0.06	0.03	0.36	99.40	0.1	0.5	1.0	120	77

Appendix 1. Field and Lithochemical Data. Note that values of ".99" indicate no data available

LabNum	FieldNum	UTh_cps	Th_cps	SiO2	Al2O3	Fe2O3	FeO	MgO	CaO	Na2O	K2O	TiO2	MnO	P2O5	LOI	Total	Ag6_ppm	As1_ppm	Au1_ppb	Ba1_ppm	Ba2_ppm
4240085	4240085	2.9	0.9	72.65	10.85	4.72	-99.00	0.10	0.39	4.14	4.98	0.35	0.05	0.02	0.50	98.75	0.1	0.5	1.0	20	83
4240086	4240086	2.1	0.8	73.20	11.10	4.49	-99.00	0.13	0.38	4.17	5.04	0.35	0.04	0.01	0.71	99.62	0.1	3.0	4.4	20	70
4240087	4240087	1.4	1.0	72.80	11.79	4.85	-99.00	0.08	0.58	4.19	5.01	0.58	0.05	0.01	0.42	100.36	0.1	0.5	1.0	120	88
4240088	4240088	3.7	3.1	73.00	11.21	4.44	-99.00	0.05	0.37	4.40	5.03	0.36	0.06	0.02	0.47	99.41	0.1	0.5	1.0	120	66
4240089	4240089	2.1	0.8	73.70	11.17	4.63	-99.00	0.11	0.46	4.18	4.98	0.35	0.06	0.01	0.44	100.09	0.1	0.5	4.4	20	57
4240090	4240090	1.3	0.6	68.60	12.46	6.29	-99.00	0.09	1.01	5.17	5.50	0.41	0.08	0.04	0.56	100.21	0.1	0.5	1.0	20	76
4240091	4240091	1.9	0.8	73.50	12.29	3.36	-99.00	0.07	0.32	4.30	5.29	0.29	0.05	0.02	0.55	100.04	0.1	0.5	1.0	100	66
4240092	4240092	1.5	0.9	74.05	11.82	3.79	-99.00	0.08	0.30	4.14	5.08	0.38	0.05	0.02	0.59	100.30	0.1	0.5	1.0	92	53
4240093	4240093	1.7	0.5	73.75	12.03	3.06	-99.00	0.10	0.25	4.16	5.22	0.28	0.05	0.01	0.52	99.42	0.1	0.5	1.0	75	65
4240094	4240094	1.5	1.2	74.75	11.73	3.37	-99.00	0.03	0.44	4.02	4.89	0.34	0.06	0.04	0.43	100.10	0.1	0.5	4.3	20	57
4240095	4240095	1.7	0.8	75.15	11.42	3.19	-99.00	0.04	0.32	4.25	4.90	0.24	0.05	0.01	0.28	99.85	0.1	0.5	1.0	20	66
4240096	4240096	1.4	0.7	70.75	15.07	1.71	-99.00	0.04	0.07	4.59	7.77	0.15	0.02	0.01	0.34	100.51	0.1	0.5	1.0	110	72
4240097	4240097	1.6	0.6	71.85	12.74	4.27	-99.00	0.09	0.64	4.41	5.18	0.39	0.07	0.03	0.54	100.21	0.1	0.5	1.0	180	123
4240098	4240098	1.0	0.7	75.40	11.62	2.93	-99.00	0.02	0.46	3.97	4.86	0.26	0.04	0.01	0.44	100.01	0.1	0.5	1.0	140	109
4240101	4240101	1.7	0.7	72.60	12.00	4.55	-99.00	0.10	0.52	4.37	5.18	0.34	0.06	0.01	0.47	100.20	0.1	0.5	1.0	150	117
4240102	4240102	2.2	1.4	72.95	10.99	4.87	-99.00	0.08	0.47	4.26	4.89	0.40	0.06	0.01	0.43	99.41	0.1	0.5	1.0	20	77
4240103	4240103	0.6	0.4	64.75	12.49	9.22	-99.00	0.21	1.58	4.78	5.24	0.65	0.18	0.07	0.43	99.60	0.1	0.5	7.2	120	71
4240104	4240104	1.8	0.7	74.20	11.76	3.35	-99.00	0.08	0.62	3.94	5.03	0.32	0.06	0.02	0.51	99.89	0.1	0.5	1.0	330	313
4240105	4240105	1.7	0.6	72.70	12.42	3.50	-99.00	0.22	0.48	4.24	5.40	0.40	0.06	0.01	0.74	100.17	0.1	0.5	1.0	71	58
4240106	4240106	1.3	0.9	73.85	11.78	3.28	-99.00	0.17	0.44	4.09	5.12	0.30	0.05	0.02	0.70	99.80	0.1	0.5	1.0	280	221
4240107	4240107	1.9	0.7	76.65	11.32	1.95	-99.00	0.07	0.37	3.67	5.03	0.18	0.03	0.01	0.58	99.86	0.1	0.5	1.0	110	97
4240108	4240108	1.5	1.0	73.35	11.41	4.20	-99.00	0.25	0.38	4.24	5.02	0.35	0.08	0.01	0.59	99.88	0.1	0.5	1.0	20	58
4240109	4240109	2.0	0.8	73.35	11.02	4.73	-99.00	0.18	0.44	4.32	4.93	0.42	0.06	0.01	0.56	100.02	0.1	0.5	1.0	20	75
4240110	4240110	1.4	0.6	71.95	12.27	4.40	-99.00	0.07	0.72	4.48	5.15	0.36	0.06	0.02	0.52	100.00	0.1	0.5	1.0	20	104
4240111	4240111	1.1	0.8	71.10	13.26	3.85	-99.00	0.10	0.73	4.72	5.42	0.36	0.06	0.03	0.47	100.10	0.1	0.5	5.2	140	161
4240112	4240112	1.4	0.4	76.35	11.81	1.89	-99.00	0.09	0.18	4.11	4.80	0.25	0.02	0.01	0.69	100.19	0.1	0.5	2.6	97	66
4240113	4240113	1.1	0.8	75.15	11.24	3.18	-99.00	0.20	0.66	3.35	5.15	0.30	0.04	0.01	0.96	100.24	0.1	0.5	1.0	88	86
4240114	4240114	3.2	1.3	75.10	11.44	3.78	-99.00	0.06	0.15	3.46	5.54	0.36	0.01	0.01	0.43	100.34	0.1	0.5	1.0	140	137
4240115	4240115	1.3	0.7	68.80	11.65	7.45	-99.00	0.12	0.84	4.85	5.11	0.77	0.12	0.04	0.41	100.16	0.1	0.5	1.0	150	134
4240116	4240116	4.6	0.7	74.10	11.53	3.68	-99.00	0.17	0.37	3.46	6.14	0.28	0.05	0.01	0.60	100.39	0.1	0.5	1.0	180	129
4240117	4240117	2.0	0.8	70.95	12.55	4.75	-99.00	0.29	0.54	4.24	6.23	0.39	0.08	0.03	0.65	100.70	0.1	0.5	1.0	150	158
4240118	4240118	1.7	0.7	74.75	11.88	2.74	-99.00	0.21	0.39	4.04	5.43	0.30	0.04	0.02	0.60	100.40	0.1	0.5	1.0	240	211
4240121	4240121	2.2	1.1	74.70	11.43	3.15	-99.00	0.09	0.50	3.87	4.98	0.28	0.04	0.01	0.55	99.60	0.1	0.5	4.5	77	83
4240122	4240122	2.7	0.6	74.70	12.10	2.26	-99.00	0.10	0.24	3.87	5.42	0.28	0.02	0.01	0.46	99.46	0.1	0.5	1.0	120	75
4240123	4240123	1.3	0.7	75.20	11.59	2.74	-99.00	0.05	0.45	3.63	5.13	0.35	0.04	0.01	0.50	99.69	0.1	0.5	1.0	240	141
4240124	4240124	1.3	0.7	69.00	12.62	5.49	-99.00	0.14	1.07	4.18	5.59	0.56	0.09	0.06	0.41	99.21	0.1	0.5	1.0	400	366
4240125	4240125	2.1	1.0	74.15	11.92	3.82	-99.00	0.11	0.55	4.21	5.07	0.37	0.04	0.01	0.43	100.68	0.1	0.5	1.0	160	147
4240126	4240126	1.6	0.7	74.95	11.91	2.73	-99.00	0.08	0.64	3.60	5.10	0.26	0.04	0.02	0.46	99.79	0.1	0.5	1.0	250	100
4240127	4240127	1.1	0.8	69.85	12.55	5.53	-99.00	0.15	0.98	4.68	5.07	0.40	0.07	0.05	0.65	99.98	0.1	0.5	3.6	150	231
4240128	4240128	2.2	0.8	73.80	11.04	4.55	-99.00	0.09	0.30	4.39	4.95	0.33	0.05	0.02	0.64	100.16	0.1	0.5	1.0	140	75
4240129	4240129	2.2	0.8	71.70	12.03	4.93	-99.00	0.39	0.55	4.42	5.13	0.45	0.08	0.04	0.78	100.50	0.1	0.5	1.0	20	110
4240130	4240130	2.0	0.9	73.20	11.35	4.11	-99.00	0.06	0.45	4.36	5.06	0.30	0.06	0.01	0.44	99.40	0.1	1.3	1.0	140	74
4240131	4240131	1.7	0.8	74.15	12.36	2.04	-99.00	0.17	0.40	4.20	4.92	0.28	0.03	0.02	0.95	99.52	0.1	0.5	1.0	260	240
4240132	4240132	1.9	0.8	76.00	11.36	2.65	-99.00	0.22	0.30	3.72	4.85	0.24	0.04	0.01	0.69	100.08	0.1	0.5	1.0	280	220
4240133	4240133	1.3	0.8	74.50	11.54	3.28	-99.00	0.09	0.64	3.84	5.02	0.31	0.06	0.02	0.57	99.87	0.1	0.5	1.0	310	268
4240134	4240134	1.3	0.8	75.20	11.84	2.83	-99.00	0.07	0.46	3.91	5.16	0.31	0.04	0.02	0.54	100.38	0.1	0.5	3.7	99	175
4240135	4240135	2.1	0.9	73.70	11.62	3.90	-99.00	0.46	0.40	3.19	5.50	0.34	0.04	0.05	0.94	100.14	0.1	0.5	1.0	350	305
4240136	4240136	1.3	0.9	75.45	11.94	2.69	-99.00	0.10	0.46	3.85	4.89	0.25	0.05	0.03	0.70	100.41	0.1	0.5	1.0	320	304
4240137	4240137	2.0	1.0	75.60	12.24	2.26	-99.00	0.03	0.35	3.84	5.56	0.26	0.03	0.02	0.48	100.67	0.1	0.5	1.0	390	365
4240138	4240138	2.6	1.2	74.10	12.13	2.93	-99.00	0.22	0.36	3.77	5.40	0.30	0.04	0.01	0.71	99.97	0.1	0.5	1.0	360	276

Appendix 1. Field and Lithochemical Data. Note that values of "-.99" indicate no data available

LabNum	FieldNum	UTh_cps	Th_cps	SiO2	Al2O3	Fe2O3	FeO	MgO	CaO	Na2O	K2O	TiO2	MnO	P2O5	LOI	Total	Ag6_ppm	As1_ppm	Au1_ppb	Ba1_ppm	Ba2_ppm
4240141	4240141	1.2	0.5	70.20	12.09	5.17	-99.00	0.37	1.05	4.30	5.14	0.54	0.09	0.07	0.42	99.44	0.1	0.5	1.0	590	504
4240142	4240142	2.3	1.0	75.30	11.60	2.25	-99.00	0.21	0.06	3.09	5.75	0.24	0.03	0.02	1.03	99.58	0.1	0.5	5.8	230	199
4240143	4240143	1.4	0.9	69.85	11.88	5.82	-99.00	0.25	1.21	4.44	4.89	0.64	0.09	0.09	0.21	99.37	0.1	0.5	1.0	570	514
4240144	4240144	1.8	0.9	72.20	12.14	3.63	-99.00	0.06	0.66	4.58	4.90	0.27	0.05	0.02	0.23	98.74	0.1	0.5	4.0	260	271
4240145	4240145	2.1	0.9	72.35	12.01	4.50	-99.00	0.06	0.33	4.23	4.86	0.63	0.04	0.03	0.22	99.26	0.1	0.5	1.0	180	142
4240146	4240146	2.5	1.1	74.50	11.20	3.17	-99.00	0.15	0.36	3.57	5.39	0.27	0.05	0.02	0.49	99.17	0.1	0.5	1.0	240	170
4240147	4240147	1.8	0.7	72.55	11.45	4.39	-99.00	0.06	0.53	4.50	5.06	0.36	0.07	0.02	0.25	99.24	0.1	0.5	1.0	170	97
4240148	4240148	2.3	0.8	73.00	11.14	4.89	-99.00	0.07	0.54	4.39	4.97	0.47	0.09	0.02	0.34	99.92	0.1	0.5	7.9	20	48
4240149	4240149	1.6	0.6	68.60	13.36	4.38	-99.00	0.04	1.05	4.31	5.89	0.47	0.07	0.03	0.55	98.75	0.1	0.5	4.5	610	505
4240150	4240150	2.8	1.2	72.95	10.70	4.28	-99.00	0.14	0.34	4.24	4.92	0.33	0.06	0.01	0.54	98.51	0.1	0.5	1.0	20	61
4240151	4240151	1.2	0.7	72.80	11.36	4.83	-99.00	0.04	0.72	4.17	4.90	0.48	0.06	0.02	0.41	99.79	0.1	0.5	1.0	180	127
4240152	4240152	2.2	1.1	73.25	10.91	4.14	-99.00	0.08	0.44	4.23	4.99	0.34	0.07	0.02	0.54	99.01	0.1	0.5	1.0	140	62
4240153	4240153	1.8	0.8	72.50	11.27	4.50	-99.00	0.11	0.39	4.40	5.02	0.38	0.07	0.02	0.64	99.30	0.1	0.5	1.0	20	103
4240154	4240154	1.7	0.9	72.60	11.30	4.28	-99.00	0.13	0.37	4.10	5.17	0.38	0.08	0.02	0.59	99.02	0.1	0.5	1.0	170	99
4240155	4240155	2.4	0.9	71.65	11.34	4.79	-99.00	0.06	0.44	4.47	5.08	0.45	0.08	0.03	0.43	98.82	0.1	0.5	1.0	110	71
4240156	4240156	2.1	0.9	72.10	11.54	4.10	-99.00	0.05	0.31	4.35	5.13	0.38	0.07	0.02	0.39	98.44	0.1	0.5	1.0	110	91
4240157	4240157	2.1	0.7	74.65	11.44	2.38	-99.00	0.02	0.17	4.25	5.08	0.17	0.03	0.02	0.35	98.56	0.1	0.5	1.0	77	52
4240158	4240158	2.3	0.8	71.60	11.40	4.87	-99.00	0.12	0.49	4.50	4.99	0.39	0.08	0.05	0.37	98.86	0.1	0.5	1.0	280	166
4240161	4240161	3.5	1.3	72.55	10.85	5.16	-99.00	0.24	0.34	4.10	5.18	0.39	0.07	0.02	0.57	99.47	0.1	0.5	1.0	20	59
4240162	4240162	1.9	0.8	74.25	10.92	3.94	-99.00	0.06	0.42	4.04	4.91	0.38	0.06	0.02	0.49	99.49	0.1	0.5	1.0	200	102
4240163	4240163	2.0	1.0	71.20	11.08	5.73	-99.00	0.31	0.45	4.15	4.90	0.52	0.08	0.03	0.77	99.22	0.1	0.5	1.0	20	69
4240164	4240164	2.5	1.0	73.85	11.38	3.41	-99.00	0.02	0.24	4.08	5.13	0.38	0.04	0.02	0.28	98.83	0.1	0.5	1.0	20	59
4240165	4240165	2.8	0.8	76.10	10.74	1.89	-99.00	0.05	0.32	3.55	5.23	0.19	0.02	0.01	0.51	98.61	0.1	0.5	1.0	20	61
4240166	4240166	1.4	0.8	76.10	11.06	2.37	-99.00	0.02	0.30	3.74	4.90	0.21	0.03	0.02	0.51	99.26	0.1	0.5	1.0	83	69
4240167	4240167	1.5	0.6	64.80	13.03	7.13	-99.00	0.37	2.29	3.70	4.54	0.73	0.09	0.12	0.81	97.61	0.1	0.5	1.0	2100	2130
4240168	4240168	1.7	0.5	71.50	11.54	4.41	-99.00	0.03	0.77	4.09	4.84	0.45	0.06	0.02	0.92	98.63	0.1	0.5	1.0	170	163
4240169	4240169	0.9	0.5	75.50	10.95	2.70	-99.00	0.02	0.24	3.75	4.83	0.31	0.03	0.02	0.49	98.84	0.1	0.5	1.0	87	28
4240170	4240170	2.6	1.1	70.85	11.95	5.07	-99.00	0.42	0.67	3.90	5.12	0.46	0.06	0.03	0.85	99.37	0.1	0.5	1.0	250	204
4240171	4240171	1.1	0.9	74.40	11.63	2.92	-99.00	0.03	0.37	4.10	4.97	0.31	0.03	0.01	0.27	99.04	0.1	0.5	1.0	93	103
4240172	4240172	-99.0	0.8	77.60	10.39	2.29	-99.00	0.03	0.20	3.67	4.51	0.27	0.03	0.02	0.33	99.34	0.1	0.5	1.0	130	84
4240173	4240173	1.8	0.7	70.90	12.62	4.53	-99.00	0.06	0.84	4.45	5.05	0.49	0.08	0.03	0.88	99.93	0.1	0.5	1.0	370	310
4240174	4240174	1.4	0.9	75.80	11.23	2.31	-99.00	0.03	0.39	3.99	4.74	0.15	0.04	0.01	0.66	99.35	0.1	0.5	1.0	190	151
4240175	4240175	1.2	0.8	67.60	13.00	6.02	-99.00	0.12	1.45	4.71	5.02	0.51	0.09	0.07	0.81	99.40	0.1	0.5	3.3	480	417
4240176	4240176	1.5	0.6	71.65	12.45	4.05	-99.00	0.08	0.90	4.33	5.02	0.43	0.06	0.05	0.80	99.82	0.1	0.5	1.0	390	312
4240177	4240177	1.4	0.6	66.05	14.07	6.48	-99.00	0.15	1.85	4.32	5.44	0.66	0.09	0.08	0.63	99.82	0.1	0.5	4.9	2600	2330
4240178	4240178	1.0	0.5	70.70	12.66	4.50	-99.00	0.09	1.01	4.51	5.19	0.43	0.06	0.07	0.54	99.76	0.1	0.5	1.0	460	398
4240181	4240181	1.3	0.8	69.65	12.32	5.35	-99.00	0.09	1.16	4.40	4.94	0.49	0.08	0.07	0.95	99.50	0.1	0.5	2.9	360	377
4240182	4240182	1.2	0.7	59.60	14.48	10.31	-99.00	0.38	3.16	4.98	4.39	1.07	0.18	0.21	0.54	99.30	0.1	0.5	1.0	2000	2030
4240183	4240183	1.7	0.8	77.80	11.12	1.57	-99.00	0.02	0.18	3.74	5.02	0.09	0.02	0.01	0.54	100.11	0.1	0.5	1.0	20	41
4240184	4240184	-99.0	-99.0	74.85	10.33	4.30	-99.00	0.01	0.30	4.30	4.81	0.43	0.04	0.03	0.39	99.79	0.1	0.5	1.0	20	24
4240185	4240185	1.2	0.8	73.80	10.52	5.48	-99.00	0.02	0.34	4.25	4.78	0.47	0.06	0.01	0.24	99.96	0.1	0.5	1.0	20	23
4240186	4240186	1.4	0.9	76.45	10.93	2.90	-99.00	0.02	0.24	3.89	4.92	0.32	0.04	0.02	0.27	100.00	0.1	0.5	1.0	20	32
4240187	4240187	1.8	0.7	62.30	14.34	8.96	-99.00	0.26	2.55	4.89	4.83	0.96	0.16	0.18	0.52	99.95	0.1	0.5	1.0	1700	1590
4240188	4240188	0.5	0.7	60.90	14.06	10.07	-99.00	0.31	2.90	4.82	4.40	1.18	0.18	0.21	0.57	99.60	0.1	0.5	1.0	2400	2140
4240189	4240189	1.4	0.6	60.35	13.55	11.09	-99.00	0.34	3.49	4.60	4.37	1.14	0.20	0.22	0.56	99.91	0.1	0.5	1.0	2100	1980
4240190	4240190	1.4	0.5	76.40	11.54	2.26	-99.00	0.02	0.31	3.97	4.97	0.27	0.03	0.04	0.62	100.43	0.1	0.5	2.4	79	96
4240191	4240191	1.2	0.5	74.30	11.32	3.62	-99.00	0.06	0.60	3.97	4.93	0.37	0.05	0.04	0.49	99.75	0.1	0.5	1.0	180	161
4240192	4240192	2.0	1.2	73.00	11.98	3.60	-99.00	0.13	0.57	4.15	5.35	0.35	0.05	0.03	0.54	99.75	0.1	0.5	1.0	290	198
4240193	4240193	1.6	0.8	73.00	11.21	4.68	-99.00	0.03	0.66	4.22	4.85	0.46	0.06	0.04	0.49	99.70	0.1	0.5	1.0	20	121
4240194	4240194	1.8	0.7	73.75	12.20	2.50	-99.00	0.02	0.56	3.92	5.42	0.27	0.04	0.03	0.85	99.56	0.1	0.5	1.0	250	184

Appendix 1. Field and Lithochemical Data. Note that values of "-.99" indicate no data available

LabNum	FieldNum	UTh_cps	Th_cps	SiO2	Al2O3	Fe2O3	FeO	MgO	CaO	Na2O	K2O	TiO2	MnO	P2O5	LOI	Total	Ag6_ppm	As1_ppm	Au1_ppb	Ba1_ppm	Ba2_ppm
4240195	4240195	2.7	1.0	71.15	12.12	5.07	-99.00	0.03	0.90	4.35	5.03	0.53	0.07	0.03	0.72	100.00	0.1	0.5	1.0	170	219
4240196	4240196	1.3	0.7	74.60	11.12	3.35	-99.00	0.04	0.49	4.00	4.86	0.31	0.04	0.03	0.61	99.45	0.1	0.5	1.0	210	147
4240197	4240197	1.3	0.5	73.15	11.66	4.08	-99.00	0.07	0.65	4.17	4.95	0.40	0.05	0.04	0.69	99.91	0.1	0.5	1.0	250	216
4240198	4240198	2.1	1.0	63.25	13.39	9.16	-99.00	0.39	2.93	4.70	4.18	0.89	0.16	0.22	0.74	100.01	0.1	0.5	5.6	1700	1580
4240201	4240201	1.5	0.5	71.75	12.23	4.17	-99.00	0.04	0.69	4.30	5.22	0.42	0.06	0.04	0.69	99.61	0.1	0.5	1.0	240	170
4240202	4240202	1.7	1.0	73.40	12.24	3.44	-99.00	0.03	0.55	4.29	5.24	0.34	0.05	0.04	0.52	100.14	0.1	0.5	2.5	250	196
4240203	4240203	2.4	1.0	73.50	11.64	3.10	-99.00	0.02	0.52	4.27	5.09	0.35	0.04	0.04	0.54	99.11	0.1	0.5	1.0	160	135
4240204	4240204	1.8	0.9	75.90	11.27	2.75	-99.00	0.04	0.19	3.97	5.00	0.31	0.03	0.02	0.56	100.04	0.1	0.5	1.0	20	64
4240205	4240205	1.8	0.8	73.20	11.90	3.68	-99.00	0.03	0.62	4.20	5.08	0.38	0.05	0.05	0.77	99.96	0.1	0.5	1.0	270	151
4240206	4240206	2.6	1.0	75.50	11.43	2.63	-99.00	0.01	0.56	3.73	5.02	0.29	0.03	0.02	0.60	99.82	0.1	0.5	2.3	230	207
4240207	4240207	1.8	0.6	73.35	11.80	2.98	-99.00	0.11	0.44	3.90	5.23	0.30	0.05	0.04	0.51	98.71	0.1	0.5	1.0	280	248
4240208	4240208	2.5	1.0	73.80	11.80	3.09	-99.00	0.10	0.49	3.88	5.31	0.33	0.05	0.04	0.68	99.57	0.1	0.5	1.0	340	281
4240209	4240209	1.5	0.7	63.85	13.07	8.57	-99.00	0.98	2.69	4.70	4.15	1.18	0.14	0.43	0.41	100.17	0.1	0.5	1.0	940	828
4240210	4240210	3.2	0.8	78.05	10.04	2.62	-99.00	0.11	0.13	3.45	4.66	0.28	0.03	0.02	0.57	99.96	0.1	0.5	1.0	20	40
4240211	4240211	2.3	1.0	75.05	11.57	2.92	-99.00	0.15	0.34	3.78	5.28	0.27	0.04	0.01	0.48	99.78	0.1	0.5	1.0	230	171
4240212	4240212	1.5	0.6	76.05	11.76	3.11	-99.00	0.04	0.34	3.88	4.93	0.31	0.04	0.01	0.51	100.37	0.2	0.5	1.0	75	95
4240213	4240213	2.2	0.8	73.85	12.48	3.33	-99.00	0.13	0.50	3.82	5.28	0.39	0.04	0.01	0.52	100.34	0.1	0.5	1.0	260	221
4240214	4240214	2.8	1.2	74.65	11.93	2.69	-99.00	0.02	0.55	3.70	5.37	0.26	0.03	0.01	0.56	99.76	0.1	0.5	1.0	270	241
4240215	4240215	1.7	0.8	75.35	11.88	2.70	-99.00	0.01	0.58	3.98	5.05	0.23	0.04	0.01	0.57	100.39	0.1	0.5	1.0	330	220
4240216	4240216	-99.0	-99.0	70.85	11.77	6.01	-99.00	0.07	1.12	4.09	4.95	0.57	0.08	0.01	0.84	100.36	0.1	0.5	1.0	200	233
4240217	4240217	2.5	1.2	70.15	12.28	5.71	-99.00	0.17	1.08	4.75	4.97	0.54	0.09	0.03	0.28	100.05	0.1	0.5	1.0	360	352
4240218	4240218	2.3	0.6	72.50	12.01	4.43	-99.00	0.05	0.65	4.76	5.14	0.38	0.07	0.01	0.30	100.29	0.1	0.5	1.0	350	257
4240221	4240221	1.7	1.2	74.10	11.71	3.47	-99.00	0.04	0.46	4.22	5.16	0.34	0.05	0.04	0.49	100.08	0.1	0.5	3.2	130	146
4240222	4240222	1.7	0.7	70.75	11.69	5.26	-99.00	0.05	0.61	4.91	5.08	0.52	0.08	0.04	0.24	99.23	0.1	1.9	1.0	130	206
4240223	4240223	0.4	0.3	71.95	11.36	5.48	-99.00	0.23	1.08	4.32	4.84	0.60	0.08	0.08	0.10	100.12	0.1	0.5	1.0	450	429
4240224	4240224	1.9	0.8	75.70	11.37	2.88	-99.00	0.03	0.29	4.21	5.15	0.24	0.04	0.02	0.15	100.08	0.1	0.5	2.2	84	75
4240225	4240225	1.5	0.7	69.60	12.45	5.68	-99.00	0.16	1.04	4.51	5.27	0.54	0.10	0.05	0.47	99.87	0.1	0.5	1.0	470	326
4240226	4240226	2.7	0.9	76.50	11.31	2.29	-99.00	0.10	0.31	3.83	5.04	0.22	0.03	0.02	0.41	100.06	0.1	0.5	1.0	100	67
4240227	4240227	1.3	0.7	68.90	13.29	5.04	-99.00	0.10	1.05	4.85	5.60	0.41	0.10	0.05	0.59	99.98	0.1	0.5	1.0	590	576
4240228	4240228	2.1	0.8	73.95	11.92	2.52	-99.00	0.07	0.27	4.21	5.28	0.30	0.05	0.02	0.48	99.07	0.1	0.5	1.0	260	290
4240229	4240229	3.3	0.9	76.05	10.92	2.82	-99.00	0.01	0.32	4.04	5.19	0.25	0.04	0.01	0.44	100.08	0.1	0.5	1.0	140	116
4240230	4240230	2.0	0.8	75.25	11.46	2.67	-99.00	0.21	0.31	3.65	5.09	0.28	0.05	0.04	0.86	99.87	0.1	0.5	1.0	170	167
4240231	4240231	1.3	0.7	75.95	11.44	2.45	-99.00	0.10	0.22	3.91	5.02	0.22	0.04	0.02	0.60	99.97	0.1	0.5	3.0	120	100
4240232	4240232	1.9	0.6	76.30	11.48	2.28	-99.00	0.06	0.35	3.92	4.97	0.25	0.04	0.03	0.42	100.10	0.1	0.5	1.0	410	381
4240233	4240233	1.8	0.6	76.70	10.81	2.28	-99.00	0.08	0.20	3.70	4.94	0.20	0.03	0.03	0.57	99.54	0.1	0.5	1.0	150	91
4240234	4240234	1.1	0.8	73.15	12.06	2.79	-99.00	0.03	0.50	4.15	5.41	0.27	0.05	0.03	0.61	99.05	0.1	0.5	1.0	240	220
4240235	4240235	1.7	1.0	74.85	10.79	3.72	-99.00	0.19	0.47	3.66	4.88	0.55	0.07	0.02	0.77	99.97	0.1	0.5	1.0	200	191
4240236	4240236	1.2	0.8	74.90	11.72	2.71	-99.00	0.10	0.37	3.98	5.24	0.26	0.04	0.03	0.56	99.91	0.1	0.5	2.9	270	226
4240237	4240237	1.4	0.6	62.85	14.91	7.43	-99.00	0.50	2.78	5.31	4.26	0.86	0.12	0.24	0.53	99.79	0.1	0.5	1.0	1600	1500
4240238	4240238	2.2	0.7	74.05	10.98	4.40	-99.00	0.06	0.63	4.24	4.83	0.35	0.06	0.05	0.92	99.76	0.1	0.5	1.0	20	123
4240239	4240239	1.9	0.8	73.25	11.67	3.91	-99.00	0.34	0.35	3.87	4.93	0.41	0.06	0.04	0.41	100.05	0.1	0.5	1.0	310	300
4240242	4240242	1.2	0.6	71.70	11.55	4.72	-99.00	0.24	0.57	4.40	5.28	0.39	0.07	0.04	0.72	99.68	0.1	1.9	1.0	230	196
4240243	4240243	1.9	0.8	74.80	10.59	4.02	-99.00	0.27	0.27	3.83	4.90	0.34	0.04	0.02	0.60	99.68	0.1	0.5	1.0	20	81
4240244	4240244	1.2	0.6	74.50	11.92	3.04	-99.00	0.03	0.67	4.07	4.94	0.31	0.06	0.02	0.59	100.15	0.1	0.5	1.0	81	61
4240245	4240245	1.1	0.8	75.45	11.39	2.94	-99.00	0.05	0.52	3.81	4.74	0.20	0.05	0.03	0.68	99.86	0.1	0.5	1.0	120	90
4240246	4240246	1.6	0.9	71.10	11.58	4.79	-99.00	0.06	0.74	4.73	4.87	0.37	0.07	0.04	0.28	98.63	0.1	0.5	1.0	130	121
4240247	4240247	1.3	0.8	71.50	11.87	5.03	-99.00	0.04	0.71	4.76	4.92	0.41	0.08	0.04	0.17	99.53	0.1	0.5	1.0	150	111
4240248	4240248	1.9	1.1	76.40	9.87	3.50	-99.00	0.11	0.29	3.61	4.26	0.41	0.04	0.02	0.56	99.07	0.2	0.5	4.2	20	59
4240249	4240249	2.0	0.7	71.15	11.32	5.24	-99.00	0.07	0.60	4.88	5.01	0.41	0.08	0.03	0.54	99.33	0.1	1.7	4.8	100	111
4240250	4240250	1.6	0.5	72.35	12.02	4.35	-99.00	0.03	0.58	4.77	5.15	0.35	0.06	0.03	0.24	99.93	0.1	0.5	2.8	130	104

Appendix 1. Field and Lithochemical Data. Note that values of "-.99" indicate no data available

LabNum	FieldNum	UTh_cps	Th_cps	SiO2	Al2O3	Fe2O3	FeO	MgO	CaO	Na2O	K2O	TiO2	MnO	P2O5	LOI	Total	Ag6_ppm	As1_ppm	Au1_ppb	Ba1_ppm	Ba2_ppm
4240251	4240251	3.2	0.9	74.35	10.70	4.34	-99.00	0.07	0.25	4.25	4.86	0.34	0.06	0.04	0.49	99.75	0.1	1.4	1.0	120	94
4240252	4240252	1.4	0.8	71.35	11.87	4.63	-99.00	0.13	0.49	6.04	4.22	0.34	0.07	0.03	0.41	99.58	0.1	0.5	4.5	20	85
4240253	4240253	2.1	0.8	70.30	11.95	6.08	-99.00	0.05	0.86	4.99	5.08	0.54	0.09	0.05	0.14	100.13	0.1	0.5	1.0	130	121
4240254	4240254	2.1	1.0	71.30	11.96	4.12	-99.00	0.04	0.46	4.81	5.13	0.32	0.06	0.04	0.49	98.73	0.1	1.7	1.0	290	229
4240255	4240255	1.9	1.6	69.55	11.91	5.11	-99.00	0.06	0.56	4.95	5.16	0.48	0.08	0.05	0.48	98.39	0.1	1.8	1.0	210	223
4240256	4240256	1.3	0.6	73.95	11.38	3.46	-99.00	0.16	0.42	4.03	5.00	0.28	0.05	0.03	0.65	99.41	0.1	0.5	1.0	140	92
4240257	4240257	1.7	0.8	72.00	12.30	3.03	-99.00	0.35	0.53	4.15	5.40	0.35	0.06	0.04	0.93	99.14	0.1	0.5	1.0	280	268
4240258	4240258	2.3	0.8	73.40	11.90	2.88	-99.00	0.09	0.52	3.90	5.67	0.30	0.04	0.02	0.67	99.39	0.1	0.5	1.0	190	164
4240261	4240261	2.4	0.6	73.00	12.04	2.98	-99.00	0.03	0.76	3.73	5.47	0.37	0.04	0.03	0.56	99.01	0.1	0.5	1.0	430	422
4240262	4240262	2.1	1.0	72.95	11.73	3.12	-99.00	0.10	0.53	4.17	5.40	0.31	0.04	0.02	0.52	98.89	0.1	0.5	4.9	170	153
4240263	4240263	2.2	0.9	73.80	12.01	3.06	-99.00	0.11	0.43	4.04	5.41	0.27	0.04	0.03	0.65	99.85	0.1	0.5	1.0	220	169
4240264	4240264	1.9	1.0	73.30	11.70	3.03	-99.00	0.04	0.58	4.10	5.28	0.29	0.04	0.03	0.60	98.99	0.1	0.5	1.0	170	187
4240265	4240265	1.3	0.7	73.85	12.10	2.74	-99.00	0.02	0.57	3.84	5.59	0.27	0.04	0.02	0.59	99.63	0.1	0.5	4.4	160	171
4240266	4240266	1.8	0.8	70.45	12.46	4.56	-99.00	0.04	0.95	4.39	5.24	0.41	0.07	0.04	0.64	99.25	0.1	0.5	1.0	280	253
4240267	4240267	-99.0	-99.0	75.20	11.62	2.71	-99.00	0.02	0.61	3.84	5.29	0.29	0.04	0.02	0.41	100.05	0.1	0.5	1.0	220	180
4240268	4240268	1.4	0.6	70.30	11.90	4.52	-99.00	0.04	0.90	4.32	5.12	0.49	0.06	0.03	0.64	98.32	0.1	0.5	1.0	240	170
4240269	4240269	1.8	0.7	72.70	11.86	4.12	-99.00	0.04	0.76	4.34	5.21	0.40	0.05	0.04	0.70	99.46	0.1	0.5	3.3	160	169
4240270	4240270	1.3	0.5	74.80	11.24	4.04	-99.00	0.03	0.58	4.22	5.00	0.42	0.05	0.04	0.20	100.62	0.1	0.5	1.0	150	140
4240271	4240271	2.1	1.0	72.15	11.84	4.25	-99.00	0.04	0.75	4.32	4.98	0.52	0.06	0.04	0.32	99.27	0.1	0.5	1.0	240	197
4240272	4240272	1.1	0.5	73.25	11.93	3.55	-99.00	0.18	0.30	4.02	5.04	0.40	0.05	0.04	0.70	99.46	0.1	0.5	1.0	220	205
4240273	4240273	2.1	0.9	74.85	11.46	2.65	-99.00	0.18	0.22	3.79	5.34	0.27	0.03	0.02	0.75	99.56	0.1	0.5	1.0	140	95
4240274	4240274	1.8	1.0	71.65	12.00	4.65	-99.00	0.04	1.04	4.33	5.00	0.41	0.07	0.03	0.60	99.82	0.1	0.5	1.0	290	270
4240275	4240275	1.8	0.7	75.90	11.19	2.52	-99.00	0.08	0.26	3.93	5.18	0.14	0.03	0.05	0.58	99.86	0.1	0.5	1.0	62	46
4240276	4240276	3.3	1.2	73.45	11.96	3.55	-99.00	0.07	0.50	4.52	5.41	0.34	0.05	0.03	0.45	100.33	0.1	0.5	6.2	210	177
4240277	4240277	1.7	0.7	73.00	12.00	4.04	-99.00	0.07	0.75	4.44	5.37	0.40	0.05	0.04	0.39	100.55	0.1	0.5	1.0	260	265
4240278	4240278	2.1	1.0	69.00	13.53	5.24	-99.00	0.09	1.36	4.45	5.68	0.46	0.08	0.05	0.67	100.61	0.1	0.5	1.0	370	402
4240281	4240281	1.9	0.9	73.50	12.28	3.47	-99.00	0.05	0.50	4.29	5.42	0.39	0.05	0.02	0.48	100.45	0.1	0.5	4.3	230	178
4240282	4240282	1.4	0.6	67.70	13.73	5.43	-99.00	0.05	1.31	4.41	6.08	0.52	0.08	0.04	1.27	100.62	0.1	0.5	1.0	1200	1040
4240283	4240283	1.7	0.9	72.35	11.94	4.72	-99.00	0.05	0.89	4.24	5.24	0.48	0.07	0.03	0.69	100.70	0.1	0.5	1.0	190	199
4240284	4240284	1.7	0.7	73.10	12.18	3.23	-99.00	0.02	0.58	4.83	4.72	0.32	0.04	0.02	0.59	99.63	0.1	1.3	1.0	140	118
4240285	4240285	1.9	0.9	70.40	13.46	3.14	-99.00	0.13	0.48	5.54	5.73	0.27	0.04	0.01	0.50	99.70	0.1	0.5	1.0	310	262
4240286	4240286	1.9	0.6	75.30	11.84	2.74	-99.00	0.16	0.44	3.91	5.46	0.28	0.05	0.03	0.53	100.74	0.1	0.5	2.4	310	243
4240287	4240287	1.9	0.7	72.40	9.79	6.51	-99.00	0.12	0.36	4.26	5.05	0.42	0.06	0.02	0.67	99.66	0.1	0.5	1.0	20	27
4240288	4240288	3.0	1.0	74.50	11.32	3.22	-99.00	0.14	0.33	3.86	5.36	0.31	0.06	0.02	0.61	99.73	0.1	0.5	1.0	240	197
4240289	4240289	2.0	1.2	76.00	10.82	2.95	-99.00	0.03	0.22	3.71	5.30	0.29	0.04	0.02	0.41	99.79	0.1	0.5	1.0	130	91
4240290	4240290	2.3	1.2	76.00	11.25	2.49	-99.00	0.08	0.29	3.86	5.32	0.26	0.04	0.01	0.56	100.16	0.1	0.5	1.0	95	91
4240291	4240291	1.6	0.9	76.00	11.25	2.65	-99.00	0.08	0.35	4.28	5.50	0.29	0.03	0.01	0.62	99.47	0.1	0.5	1.0	180	132
4240292	4240292	1.5	0.9	73.65	12.01	2.74	-99.00	0.07	0.35	4.23	5.46	0.29	0.03	0.02	0.54	100.15	0.1	0.5	1.0	260	224
4240293	4240293	2.1	0.6	74.45	11.97	2.68	-99.00	0.09	0.47	4.31	5.26	0.29	0.04	0.02	0.41	99.75	0.1	0.5	1.0	320	251
4240294	4240294	-99.0	0.0	74.10	12.08	8.96	-99.00	0.18	2.27	5.14	5.14	0.84	0.18	0.15	0.62	99.10	0.1	0.5	1.0	1100	973
4240295	4240295	1.1	0.7	62.10	13.52	8.96	-99.00	0.18	2.27	5.14	5.14	0.84	0.18	0.15	0.62	99.10	0.1	1.3	1.0	150	118
4240296	4240296	2.1	1.2	69.80	12.05	5.67	-99.00	0.05	0.84	4.85	5.48	0.57	0.08	0.05	0.26	99.70	0.1	0.5	1.0	250	214
4240297	4240297	-99.0	-99.0	73.30	11.41	3.07	-99.00	0.08	0.36	3.96	5.12	0.33	0.05	0.03	0.80	98.51	0.1	0.5	1.0	84	62
4240298	4240298	2.3	1.0	73.30	10.74	4.68	-99.00	0.05	0.36	4.42	5.14	0.37	0.05	0.04	0.32	99.47	0.1	0.5	1.0	20	97
4240301	4240301	2.8	1.0	73.40	11.29	4.33	-99.00	0.15	0.39	4.30	5.40	0.35	0.07	0.02	0.57	100.28	0.1	1.1	1.0	20	97
4240302	4240302	-99.0	-99.0	73.10	10.41	4.76	-99.00	0.25	0.53	4.32	4.85	0.40	0.07	0.04	0.59	99.32	0.1	0.5	2.5	88	66
4240303	4240303	1.6	0.6	72.50	10.82	5.03	-99.00	0.07	0.41	4.77	5.17	0.40	0.07	0.02	0.42	99.68	0.1	1.9	1.0	120	73
4240304	4240304	-99.0	-99.0	71.75	11.01	5.32	-99.00	0.17	0.44	4.69	5.26	0.41	0.07	0.02	0.46	99.60	0.1	1.5	1.0	100	77
4240305	4240305	1.4	0.6	61.65	13.24	10.11	-99.00	0.18	2.47	5.01	5.03	0.94	0.21	0.17	0.69	99.70	0.1	0.5	1.0	880	723
4240306	4240306	-99.0	-99.0	72.60	11.15	4.58	-99.00	0.12	0.56	4.33	5.43	0.42	0.05	0.02	0.71	99.97	0.1	0.5	4.3	110	75

Appendix 1. Field and Lithochemical Data. Note that values of "-.99" indicate no data available

LabNum	FieldNum	UTh_cps	Th_cps	SiO2	Al2O3	Fe2O3	FeO	MgO	CaO	Na2O	K2O	TiO2	MnO	P2O5	LOI	Total	Ag6_ppm	As1_ppm	Au1_ppb	Ba1_ppm	Ba2_ppm
4240307	4240307	2.4	1.2	74.00	10.75	4.42	-99.00	0.06	0.37	4.50	5.12	0.38	0.07	0.01	0.52	100.20	0.1	0.5	3.3	120	62
4240308	4240308	2.1	1.2	73.40	11.28	3.88	-99.00	0.05	0.52	4.57	5.22	0.37	0.05	0.03	0.59	99.96	0.1	0.5	1.0	97	93
4240309	4240309	1.6	0.5	73.50	11.45	3.36	-99.00	0.11	0.45	4.02	5.56	0.41	0.06	0.03	0.60	99.55	0.1	1.2	1.0	100	86
4240310	4240310	-99.0	-99.0	71.55	11.57	5.06	-99.00	0.15	0.58	4.68	5.39	0.38	0.08	0.03	0.20	99.67	0.1	0.5	1.0	95	122
4240311	4240311	2.1	1.1	64.35	13.11	8.12	-99.00	0.27	1.88	5.11	4.90	0.87	0.14	0.14	0.78	99.67	0.1	0.5	1.0	950	921
4240312	4240312	1.8	0.8	68.95	11.97	5.98	-99.00	0.16	1.07	4.79	5.09	0.55	0.10	0.07	0.55	99.28	0.1	1.3	1.0	490	428
4240313	4240313	-99.0	-99.0	68.60	12.35	6.30	-99.00	0.33	0.88	4.82	5.40	0.69	0.11	0.07	0.62	100.17	0.1	1.1	1.0	300	225
4240314	4240314	2.1	0.9	75.55	10.32	3.39	-99.00	0.11	0.29	4.38	4.92	0.32	0.04	0.02	0.60	99.94	0.1	0.5	1.0	20	47
4240315	4240315	1.6	0.9	74.25	11.18	3.77	-99.00	0.25	0.38	3.94	5.23	0.41	0.07	0.05	0.65	100.18	0.1	0.5	1.0	270	242
4240316	4240316	1.5	0.6	57.15	14.29	11.03	-99.00	0.83	3.52	5.60	4.75	1.32	0.17	0.39	0.50	99.55	0.1	0.5	1.0	1600	1480
4240317	4240317	1.8	0.9	73.35	10.54	4.65	-99.00	0.18	0.41	4.31	5.28	0.39	0.07	0.03	0.74	99.95	0.1	1.6	1.0	100	67
4240318	4240318	4.6	1.1	75.15	11.45	2.55	-99.00	0.02	0.21	4.79	4.69	0.15	0.04	0.01	0.53	99.59	0.1	0.5	1.0	220	189
4240321	4240321	2.8	0.8	83.35	7.05	2.28	-99.00	0.02	0.13	2.70	3.30	0.12	0.04	0.02	0.56	99.57	0.1	0.5	1.0	20	47
4240322	4240322	-99.0	-99.0	48.10	20.33	10.68	-99.00	2.94	8.98	4.22	1.30	2.22	0.14	0.87	0.03	99.81	0.1	0.5	1.0	790	681
4240323	4240323	1.4	1.0	73.45	11.77	3.41	-99.00	0.21	0.51	3.72	5.93	0.37	0.06	0.05	0.65	100.13	0.1	0.5	4.4	250	273
4240324	4240324	-99.0	-99.0	74.15	11.51	3.29	-99.00	0.08	0.61	4.14	5.15	0.34	0.05	0.05	0.44	99.81	0.1	0.5	1.0	310	245
4240325	4240325	1.6	0.9	74.00	11.36	3.60	-99.00	0.16	0.52	4.15	5.20	0.35	0.06	0.05	0.40	99.85	0.1	0.5	1.0	260	239
4240326	4240326	1.6	0.8	72.85	11.56	3.72	-99.00	0.14	0.60	4.34	5.27	0.36	0.07	0.05	0.46	99.42	0.1	0.5	1.0	290	258
4240327	4240327	2.7	0.8	76.15	10.80	3.20	-99.00	0.06	0.48	3.81	5.10	0.31	0.05	0.02	0.35	100.33	0.1	0.5	1.0	110	111
4240328	4240328	-99.0	-99.0	76.00	10.65	3.04	-99.00	0.02	0.31	4.06	5.20	0.27	0.04	0.01	0.43	100.03	0.1	0.5	3.4	20	25
4240329	4240329	3.1	1.5	73.20	11.89	3.08	-99.00	0.10	0.44	6.26	3.17	0.32	0.08	0.02	0.58	99.14	0.1	0.5	1.0	110	115
4240330	4240330	2.1	0.9	75.25	11.49	2.69	-99.00	0.06	0.47	4.08	5.20	0.25	0.03	0.01	0.59	100.24	0.1	0.5	1.0	94	69
4240331	4240331	-99.0	-99.0	73.50	11.15	4.35	-99.00	0.05	0.43	4.50	5.21	0.30	0.06	0.02	0.61	100.12	0.1	0.5	3.4	180	78
4240332	4240332	1.6	0.6	76.10	10.75	2.88	-99.00	0.09	0.37	3.82	5.12	0.30	0.05	0.02	0.62	100.12	0.1	0.5	1.0	100	79
4240333	4240333	2.3	0.6	73.90	11.58	3.50	-99.00	0.06	0.62	4.24	5.20	0.29	0.06	0.03	0.50	99.98	0.1	0.5	3.3	310	227
4240334	4240334	-99.0	-99.0	75.30	11.46	2.81	-99.00	0.08	0.51	3.98	5.21	0.27	0.05	0.01	0.53	100.01	0.1	0.5	1.0	290	224
4240335	4240335	1.7	1.2	66.40	13.99	4.40	-99.00	0.18	0.72	6.37	6.14	0.52	0.07	0.02	0.74	99.55	0.1	0.5	1.0	130	116
4240336	4240336	-99.0	-99.0	67.95	12.98	4.92	-99.00	0.32	0.94	3.69	5.65	0.47	0.10	0.06	1.05	98.13	0.1	1.5	1.0	360	319
4240337	4240337	1.3	0.5	74.80	11.38	2.91	-99.00	0.06	0.37	3.94	5.22	0.18	0.04	0.01	0.66	99.56	0.1	0.5	1.0	56	30
4240338	4240338	1.3	0.8	69.60	12.20	5.50	-99.00	0.15	0.88	4.72	5.34	0.48	0.09	0.04	0.60	99.60	0.1	0.5	1.0	200	123
4240341	4240341	1.2	0.7	72.05	12.17	4.53	-99.00	0.08	0.74	4.63	5.14	0.42	0.08	0.04	0.58	100.46	0.1	0.5	1.0	170	135
4240342	4240342	1.5	0.7	71.25	11.52	5.11	-99.00	0.36	0.61	4.18	5.17	0.47	0.07	0.06	1.12	99.92	0.1	0.5	1.0	180	132
4240343	4240343	1.3	0.5	71.35	12.40	4.70	-99.00	0.08	0.70	4.61	5.22	0.49	0.10	0.05	0.74	100.44	0.1	0.5	1.0	110	101
4240344	4240344	1.4	0.7	72.80	12.04	3.15	-99.00	0.18	0.53	4.27	5.31	0.24	0.06	0.03	0.94	99.55	0.1	0.5	1.0	200	185
4240345	4240345	1.3	0.4	73.80	12.23	2.44	-99.00	0.42	0.23	3.95	5.40	0.25	0.03	0.03	0.96	99.74	0.1	0.5	1.0	140	86
4240346	4240346	0.8	0.5	73.45	11.41	3.97	-99.00	0.08	0.55	4.12	5.00	0.41	0.06	0.02	0.43	99.50	0.1	0.5	1.0	93	67
4240347	4240347	1.7	0.6	75.55	11.02	3.57	-99.00	0.05	0.41	4.09	4.89	0.36	0.06	0.05	0.57	100.62	0.1	0.5	1.0	91	47
4240348	4240348	0.9	0.8	64.55	12.98	7.95	-99.00	0.51	2.71	6.47	3.39	0.96	0.17	0.29	0.34	100.32	0.1	0.5	1.0	1200	1060
4240349	4240349	1.6	0.8	76.95	10.69	2.74	-99.00	0.02	0.16	4.10	4.60	0.11	0.04	0.01	0.56	99.97	0.1	0.5	1.0	61	16
4240350	4240350	1.1	0.7	73.95	11.76	2.74	-99.00	0.06	0.47	4.17	5.14	0.25	0.05	0.04	0.65	99.28	0.1	0.5	1.0	260	218
4240351	4240351	1.7	0.4	60.20	14.37	9.46	-99.00	0.40	2.79	5.37	5.53	1.14	0.18	0.24	0.77	100.45	0.1	0.5	1.0	450	348
4240352	4240352	1.7	0.9	74.05	11.46	2.73	-99.00	0.11	0.46	4.17	5.02	0.27	0.05	0.04	0.66	99.02	0.1	0.5	1.0	250	215
4240353	4240353	1.1	-99.0	75.35	10.75	2.79	-99.00	0.05	0.31	3.77	5.00	0.27	0.05	0.02	0.69	99.05	0.1	0.5	6.1	98	53
4240354	4240354	1.5	0.5	73.55	11.64	3.05	-99.00	0.08	0.51	3.99	5.10	0.30	0.05	0.03	0.79	99.09	0.1	0.5	1.0	280	242
4240355	4240355	1.3	0.7	72.90	11.80	3.14	-99.00	0.11	0.49	3.95	5.08	0.27	0.05	0.04	0.75	98.58	0.1	0.5	1.0	250	239
4240356	4240356	2.7	1.2	73.65	11.51	3.02	-99.00	0.08	0.54	3.93	4.98	0.29	0.05	0.03	0.59	98.67	0.1	0.5	1.0	330	242
4240357	4240357	2.3	0.7	74.20	11.47	3.08	-99.00	0.10	0.52	3.93	4.99	0.29	0.05	0.06	0.57	99.26	0.1	0.5	1.0	330	244
4240358	4240358	1.8	1.2	74.95	11.11	2.96	-99.00	0.04	0.35	3.80	5.33	0.29	0.06	0.02	0.67	99.58	0.1	0.5	1.0	20	43
4240361	4240361	1.4	0.7	73.70	11.73	3.33	-99.00	0.07	0.55	4.20	5.16	0.34	0.05	0.03	0.79	99.95	0.1	0.5	1.0	200	208
4240362	4240362	1.6	0.9	72.95	11.42	3.64	-99.00	0.21	0.60	3.91	4.90	0.33	0.07	0.05	0.77	98.85	0.1	0.5	1.0	280	229

Appendix 1. Field and Lithochemical Data. Note that values of "-.99" indicate no data available

LabNum	FieldNum	UTh_cps	Th_cps	SiO2	Al2O3	Fe2O3	FeO	MgO	CaO	Na2O	K2O	TiO2	MnO	P2O5	LOI	Total	Ag6_ppm	As1_ppm	Au1_ppb	Ba1_ppm	Ba2_ppm
4240363	4240363	1.6	0.4	51.30	14.72	13.74	-99.00	3.44	6.01	4.19	2.83	2.42	0.22	1.11	0.70	100.68	0.1	0.5	1.0	560	546
4240364	4240364	1.4	0.6	70.75	11.74	4.94	-99.00	0.11	0.70	4.19	5.23	0.49	0.09	0.05	0.71	99.00	0.1	0.5	1.0	240	172
4240365	4240365	1.9	0.9	74.95	11.61	2.96	-99.00	0.07	0.46	4.20	5.06	0.25	0.04	0.03	0.53	100.16	0.1	0.5	1.0	270	180
4240366	4240366	1.2	0.5	74.80	11.61	2.74	-99.00	0.08	0.50	3.94	5.30	0.26	0.04	0.03	0.66	99.96	0.1	0.5	1.0	220	208
4240367	4240367	1.2	0.5	65.10	12.91	8.25	-99.00	0.11	1.69	5.33	4.97	0.82	0.15	0.09	0.39	99.81	0.1	0.5	1.0	520	399
4240368	4240368	1.5	0.5	65.20	12.65	8.82	-99.00	0.12	1.85	5.33	4.81	0.81	0.17	0.12	0.38	100.26	0.1	0.5	1.0	520	446
4240369	4240369	2.2	0.8	74.20	11.41	3.02	-99.00	0.09	0.56	3.93	4.99	0.31	0.05	0.03	0.51	99.10	0.1	0.5	2.9	240	188
4240370	4240370	1.4	0.6	73.40	11.52	3.73	-99.00	0.06	0.54	4.36	5.07	0.33	0.05	0.02	0.38	99.46	0.1	0.5	1.0	95	66
4240371	4240371	1.7	0.7	74.10	11.58	2.91	-99.00	0.11	0.40	4.01	5.08	0.30	0.05	0.03	0.59	99.16	0.1	0.5	1.0	290	205
4240372	4240372	1.8	0.9	75.60	10.63	2.86	-99.00	0.06	0.34	3.81	4.80	0.27	0.04	0.04	0.77	99.22	0.1	0.5	1.0	100	65
4240373	4240373	2.4	0.9	76.20	11.10	2.63	-99.00	0.06	0.26	3.63	5.13	0.23	0.04	0.01	0.67	99.96	0.1	0.5	1.0	20	59
4240374	4240374	1.2	0.8	74.45	12.15	2.82	-99.00	0.06	0.50	4.17	5.16	0.28	0.04	0.02	0.47	100.12	0.1	0.5	1.0	250	205
4240375	4240375	2.1	0.9	74.25	12.01	2.47	-99.00	0.04	0.41	4.27	5.21	0.21	0.04	0.03	0.63	99.57	0.1	0.5	1.0	190	184
4240376	4240376	1.3	0.7	74.20	11.45	2.98	-99.00	0.13	0.52	4.02	5.02	0.33	0.05	0.03	0.56	99.29	0.1	0.5	7.3	310	205
4240377	4240377	1.6	0.6	74.60	11.64	2.89	-99.00	0.11	0.49	4.15	5.09	0.33	0.05	0.05	0.47	99.87	0.1	0.5	1.0	300	232
4240378	4240378	1.5	0.6	75.00	11.17	2.79	-99.00	0.03	0.33	3.88	5.01	0.29	0.05	0.03	0.51	99.09	0.1	0.5	1.0	20	10
4240381	4240381	1.7	0.8	73.20	12.04	3.17	-99.00	0.08	0.64	4.26	5.24	0.32	0.05	0.03	0.56	99.59	0.1	0.5	1.0	440	296
4240382	4240382	1.3	0.6	73.20	11.81	2.87	-99.00	0.09	0.44	4.02	5.07	0.26	0.06	0.02	0.74	98.58	0.1	0.5	1.0	280	250
4240383	4240383	1.9	0.5	72.95	11.67	3.10	-99.00	0.08	0.60	4.00	5.16	0.31	0.06	0.03	0.81	98.77	0.1	0.5	1.0	290	252
4240384	4240384	2.0	0.8	74.35	11.38	2.83	-99.00	0.05	0.37	3.87	5.16	0.29	0.05	0.02	0.58	98.95	0.1	0.5	1.0	140	91
4240385	4240385	1.3	0.8	73.20	12.00	2.97	-99.00	0.07	0.49	4.12	5.23	0.29	0.05	0.02	0.84	99.28	0.1	0.5	1.0	360	252
4240386	4240386	1.4	0.6	75.30	11.51	2.35	-99.00	0.04	0.22	3.89	5.15	0.26	0.04	0.02	0.72	99.50	0.1	0.5	3.9	81	81
4240387	4240387	1.5	0.7	72.50	11.91	3.61	-99.00	0.26	0.39	4.00	5.42	0.38	0.08	0.04	0.72	99.30	0.1	0.5	1.0	270	250
4240388	4240388	1.6	0.7	73.90	11.48	3.35	-99.00	0.18	0.26	3.93	5.37	0.29	0.06	0.05	0.72	99.59	0.1	0.5	1.0	280	243
4240389	4240389	1.8	0.7	73.80	11.60	3.07	-99.00	0.12	0.44	4.13	5.16	0.26	0.04	0.04	0.76	99.42	0.1	0.5	1.0	230	227
4240390	4240390	2.0	0.7	75.05	11.66	2.89	-99.00	0.11	0.45	4.01	5.25	0.29	0.04	0.03	0.70	100.48	0.1	0.5	1.0	260	211
4240391	4240391	1.5	0.6	76.60	10.92	2.24	-99.00	0.07	0.34	3.27	5.32	0.21	0.02	0.03	0.92	99.94	0.1	0.5	1.0	92	32
4240392	4240392	1.4	0.7	74.80	11.66	2.68	-99.00	0.04	0.49	4.02	5.28	0.24	0.04	0.03	0.60	99.88	0.1	0.5	1.0	190	139
4240393	4240393	2.0	0.8	76.05	11.14	2.48	-99.00	0.18	0.45	3.92	5.03	0.19	0.04	0.01	0.75	100.24	0.1	0.5	1.0	96	68
4240394	4240394	1.3	0.5	74.95	11.58	2.56	-99.00	0.08	0.43	3.88	5.40	0.25	0.04	0.02	0.61	99.80	0.1	0.5	1.0	110	81
4240395	4240395	-99.0	-99.0	74.05	10.09	5.26	-99.00	0.01	0.19	3.61	5.86	0.12	0.08	0.01	0.40	99.68	0.1	0.5	1.0	63	25
4240396	4240396	1.8	0.9	75.41	11.21	2.46	-99.00	0.03	0.35	4.10	5.22	0.20	0.04	0.01	0.53	99.56	0.1	0.5	1.0	20	62
4240397	4240397	1.8	0.8	76.20	11.12	2.55	-99.00	0.02	0.33	3.95	5.14	0.21	0.04	0.02	0.40	99.98	0.1	0.5	1.0	67	63
4240398	4240398	-99.0	-99.0	51.45	12.21	2.35	-99.00	2.18	16.03	0.33	9.74	0.25	0.04	0.02	4.70	99.41	0.1	1.0	1.0	860	761
4240401	4240401	-99.0	-99.0	73.45	11.73	3.10	-99.00	0.19	0.44	4.79	4.06	0.26	0.04	0.04	0.53	98.63	0.1	0.5	1.0	170	148
4240402	4240402	-99.0	-99.0	74.60	11.46	2.65	-99.00	0.15	0.46	3.89	4.92	0.24	0.04	0.03	0.56	99.00	0.1	0.5	1.0	230	214
4240403	4240403	-99.0	-99.0	74.95	11.53	2.92	-99.00	0.12	0.47	3.86	5.12	0.28	0.04	0.04	0.52	99.85	0.1	0.5	1.0	260	222
4240404	4240404	-99.0	-99.0	74.40	11.51	2.93	-99.00	0.09	0.53	3.79	5.20	0.27	0.05	0.04	0.41	99.22	0.1	0.5	1.0	230	222
4240405	4240405	-99.0	-99.0	74.00	11.81	2.59	-99.00	0.19	0.25	3.72	5.38	0.28	0.03	0.03	0.66	98.94	0.1	0.5	1.0	290	250
4240406	4240406	-99.0	-99.0	73.45	11.68	3.09	-99.00	0.11	0.38	3.83	5.25	0.29	0.05	0.04	0.42	98.59	0.1	0.5	1.0	250	241
4240407	4240407	-99.0	-99.0	74.45	11.49	2.82	-99.00	0.07	0.53	4.02	5.17	0.27	0.05	0.03	0.30	99.20	0.1	0.5	1.0	250	216
4240408	4240408	-99.0	-99.0	73.65	11.62	2.83	-99.00	0.16	0.39	3.85	5.19	0.31	0.03	0.04	0.54	98.61	0.1	0.5	1.0	260	241
4240409	4240409	-99.0	-99.0	84.05	3.17	4.68	-99.00	1.25	1.86	1.40	0.42	0.88	0.09	0.42	0.90	99.12	0.1	0.5	1.0	140	86
4240410	4240410	-99.0	-99.0	74.20	11.27	2.65	-99.00	0.07	0.46	3.94	5.08	0.25	0.05	0.03	0.42	98.42	0.1	0.5	1.0	210	207
4240411	4240411	-99.0	-99.0	74.60	11.77	2.75	-99.00	0.10	0.53	4.08	5.21	0.27	0.04	0.03	0.40	99.78	0.1	0.5	1.0	260	215
4240412	4240412	-99.0	-99.0	75.80	11.19	2.43	-99.00	0.01	0.24	4.10	4.89	0.16	0.03	0.02	0.28	99.15	0.1	0.5	1.0	20	5

Appendix 1. Field and Lithochemical Data. Note that values of "-.99" indicate no data available

LabNum	FieldNum	Be2_ppm	Br1_ppm	Ce1_ppm	Ce2_ppm	Co1_ppm	Cr1_ppm	Cr_fus_ppm	Cs1_ppm	Cu2_ppm	Eu1_ppm	Fe1_percent	Ga2_ppm	Hf1_ppm	La1_ppm	La2_ppm
4240023	4240023	19.5	0.5	49	44	1.0	10	2	1.40	6	0.50	1.40	34	22.0	11	7
4240024	4240024	5.4	0.5	160	156	1.0	10	1	0.53	5	0.50	1.50	24	10.0	78	68
4240025	4240025	2.9	0.5	270	257	1.0	10	1	0.77	13	0.50	4.80	25	22.0	130	120
4240026	4240026	5.7	0.5	270	265	1.0	10	2	0.78	7	0.50	2.60	24	19.0	160	144
4240027	4240027	7.8	0.5	290	266	1.0	10	1	1.10	5	0.50	2.00	23	16.0	150	132
4240033	4240033	8.2	0.5	200	188	1.0	10	8	0.74	4	0.50	2.20	23	16.0	100	93
4240034	4240034	6.8	0.5	470	493	1.0	23	1	0.20	5	0.50	3.10	25	29.0	291	267
4240035	4240035	6.7	0.5	390	385	10.0	38	4	1.00	5	0.50	2.90	26	30.0	233	210
4240036	4240036	1.7	0.5	420	420	12.0	10	12	0.20	4	2.90	4.30	28	21.0	239	228
4240037	4240037	19.0	0.5	230	268	1.0	10	1	1.50	7	0.50	2.40	34	23.0	83	73
4240038	4240038	3.8	4.1	220	203	1.0	10	1	1.50	7	0.50	1.90	24	12.0	110	98
4240041	4240041	6.3	0.5	270	345	1.0	37	1	0.20	3	0.50	1.90	26	21.0	160	179
4240042	4240042	7.3	0.5	150	155	1.0	10	1	0.64	3	0.50	1.50	25	14.0	75	74
4240043	4240043	7.1	0.5	210	222	1.0	10	2	0.20	3	0.50	1.70	27	16.0	120	111
4240044	4240044	8.4	0.5	290	302	1.0	10	1	0.20	2	0.50	1.90	29	18.0	140	141
4240045	4240045	7.8	2.2	390	455	1.0	25	1	0.71	3	0.50	2.50	30	21.0	216	233
4240046	4240046	5.6	2.7	260	263	1.0	10	1	0.66	3	0.50	2.60	28	21.0	130	126
4240047	4240047	5.8	3.3	360	370	1.0	10	1	0.20	3	0.50	3.00	32	18.0	220	208
4240048	4240048	7.6	2.5	330	345	1.0	24	1	0.94	3	0.50	2.40	26	21.0	180	186
4240049	4240049	4.9	0.5	350	341	1.0	28	4	0.57	2	0.50	2.40	25	15.0	180	169
4240050	4240050	8.6	0.5	270	269	1.0	10	1	0.64	4	0.50	1.80	24	19.0	140	125
4240051	4240051	16.9	0.5	310	326	1.0	32	1	1.70	3	0.50	5.30	32	44.0	180	166
4240052	4240052	5.9	2.1	370	371	1.0	10	1	1.00	4	0.50	2.50	31	18.0	216	205
4240053	4240053	3.5	0.5	260	261	1.0	10	1	0.61	4	0.50	3.20	34	18.0	140	136
4240054	4240054	6.4	0.5	190	180	1.0	10	1	0.20	3	2.50	2.10	27	18.0	81	74
4240055	4240055	16.8	0.5	350	362	1.0	28	2	0.70	5	2.70	2.00	28	37.0	190	179
4240056	4240056	4.2	0.5	440	396	1.0	10	4	0.69	3	0.50	3.10	26	18.0	250	224
4240057	4240057	4.5	0.5	230	248	1.0	10	5	0.78	3	0.50	3.40	33	17.0	130	126
4240058	4240058	4.0	0.5	64	51	1.0	10	1	0.20	3	1.20	1.50	25	6.2	37	27
4240061	4240061	4.1	0.5	370	446	1.0	47	2	1.00	8	0.50	3.10	29	17.0	222	246
4240063	4240063	2.8	0.5	150	139	1.0	30	5	1.00	6	0.50	3.70	1	12.0	75	70
4240064	4240064	6.6	4.6	370	409	1.0	38	5	0.20	2	0.50	3.20	23	27.0	224	204
4240065	4240065	4.5	0.5	400	438	1.0	32	1	0.20	3	0.50	2.60	26	14.0	240	240
4240066	4240066	6.6	0.5	320	328	1.0	26	1	0.20	3	0.50	2.10	16	16.0	180	169
4240067	4240067	6.8	0.5	280	291	1.0	10	1	1.20	3	0.50	2.70	20	19.0	150	139
4240068	4240068	6.0	0.5	490	441	1.0	10	19	1.10	2	0.50	2.40	17	17.0	283	247
4240069	4240069	7.5	0.5	280	242	1.0	10	12	0.20	3	0.50	1.60	16	18.0	140	121
4240070	4240070	6.3	2.8	400	410	1.0	39	11	0.20	4	0.50	2.80	17	26.0	223	202
4240071	4240071	6.9	0.5	480	469	1.0	34	15	1.00	3	0.50	2.90	27	25.0	281	242
4240072	4240072	7.5	0.5	831	887	1.0	63	16	0.20	5	0.50	5.90	42	36.0	535	496
4240073	4240073	8.1	2.0	905	1009	1.0	71	7	0.20	4	0.50	6.50	46	41.0	617	571
4240074	4240074	11.0	3.8	638	689	1.0	65	17	3.30	64	0.50	3.50	38	32.0	429	388
4240075	4240075	6.3	0.5	360	370	1.0	23	6	1.10	10	2.30	2.60	27	19.0	201	189
4240076	4240076	5.6	2.3	573	569	1.0	10	2	2.30	13	3.60	7.90	38	30.0	342	311
4240077	4240077	15.0	0.5	390	384	1.0	28	6	1.70	7	0.50	2.10	29	23.0	211	196
4240078	4240078	9.7	0.5	250	243	1.0	38	7	1.50	3	0.50	1.50	26	20.0	140	124
4240081	4240081	5.8	2.6	270	337	1.0	10	12	1.20	4	0.50	4.70	36	15.0	150	172
4240082	4240082	9.0	0.5	360	473	1.0	10	13	0.20	10	0.50	2.70	35	39.0	215	222
4240083	4240083	8.0	0.5	340	381	1.0	22	12	1.00	5	0.50	2.90	32	20.0	200	193
4240084	4240084	5.9	0.5	390	398	1.0	35	11	0.20	5	0.50	3.30	34	19.0	219	197

Appendix 1. Field and Lithochemical Data. Note that values of "-.99" indicate no data available

LabNum	FieldNum	Be2_ppm	Br1_ppm	Ce1_ppm	Ce2_ppm	Co1_ppm	Cr1_ppm	Cr_fus_ppm	Cs1_ppm	Cu2_ppm	Eu1_ppm	Fe1_percent	Ga2_ppm	Hf1_ppm	La1_ppm	La2_ppm
4240085	4240085	9.2	0.5	350	476	1.0	30	10	0.84	8	2.00	3.00	32	39.0	201	202
4240086	4240086	9.7	0.5	400	419	1.0	35	8	0.58	9	0.50	2.80	24	35.0	214	204
4240087	4240087	5.0	0.5	180	189	1.0	26	15	0.20	5	0.50	2.90	33	15.0	90	86
4240088	4240088	11.9	0.5	240	323	1.0	10	1	0.52	4	0.50	3.00	34	35.0	140	130
4240089	4240089	8.7	0.5	380	465	1.0	22	9	0.20	8	0.50	3.10	34	43.0	212	204
4240090	4240090	9.0	0.5	410	441	1.0	34	8	1.30	9	0.50	3.80	38	18.0	228	221
4240091	4240091	5.0	0.5	340	355	1.0	21	6	0.91	5	2.10	2.60	36	23.0	180	182
4240092	4240092	5.7	0.5	350	376	1.0	26	10	1.10	4	0.50	2.60	33	27.0	210	194
4240093	4240093	5.2	0.5	310	325	1.0	35	10	0.54	5	0.50	2.10	39	17.0	190	180
4240094	4240094	3.7	0.5	420	420	1.0	10	1	0.20	7	0.50	2.50	35	11.0	268	250
4240095	4240095	5.4	0.5	350	360	1.0	10	4	0.77	4	0.50	2.30	34	20.0	202	181
4240096	4240096	21.5	0.5	96	92	1.0	10	1	1.60	3	0.50	1.30	37	2.2	30	26
4240097	4240097	3.4	0.5	210	233	1.0	10	16	0.20	5	0.50	3.00	33	10.0	120	113
4240098	4240098	2.8	0.5	250	259	1.0	10	1	0.20	5	0.50	1.80	30	11.0	130	123
4240101	4240101	6.7	0.5	290	345	1.0	10	12	1.10	6	0.50	2.30	33	23.0	160	173
4240102	4240102	9.9	0.5	370	495	6.6	31	1	1.00	6	0.50	3.20	35	36.0	217	228
4240103	4240103	5.5	0.5	536	642	1.0	45	4	0.20	22	0.50	6.50	41	32.0	307	320
4240104	4240104	4.1	0.5	350	370	1.0	29	6	0.51	5	0.50	2.30	27	17.0	208	197
4240105	4240105	4.8	0.5	250	252	1.0	10	3	0.75	5	0.50	2.50	35	13.0	120	106
4240106	4240106	4.6	0.5	290	306	1.0	10	7	0.20	5	0.50	2.30	27	18.0	150	149
4240107	4240107	7.4	2.1	280	204	1.0	21	13	0.20	12	0.50	1.50	23	33.0	150	91
4240108	4240108	5.9	0.5	360	226	1.0	21	12	0.70	8	0.50	3.00	29	23.0	190	88
4240109	4240109	7.8	0.5	330	249	1.0	31	11	0.87	5	0.50	3.40	31	29.0	170	89
4240110	4240110	5.9	0.5	330	312	1.0	26	9	0.79	6	0.50	3.10	31	23.0	180	142
4240111	4240111	3.3	0.5	330	279	1.0	28	9	0.20	7	0.50	2.50	32	10.0	170	141
4240112	4240112	4.5	0.5	140	100	1.0	10	13	0.20	2	0.50	1.30	25	13.0	69	42
4240113	4240113	4.1	0.5	330	270	1.0	43	11	0.92	4	0.50	2.30	27	22.0	201	156
4240114	4240114	5.3	0.5	290	272	1.0	10	6	0.20	6	0.50	2.80	29	12.0	130	114
4240115	4240115	8.0	0.5	573	603	1.0	35	6	0.20	9	0.50	5.20	34	42.0	328	302
4240116	4240116	7.6	2.9	280	194	1.0	10	7	0.20	7	0.50	2.60	26	26.0	140	87
4240117	4240117	5.7	5.2	380	338	1.0	27	17	1.10	11	2.60	3.40	31	25.0	208	173
4240118	4240118	5.8	0.5	300	230	1.0	10	10	0.73	4	0.50	2.10	22	19.0	160	116
4240121	4240121	5.8	0.5	280	319	1.0	27	1	1.30	4	0.50	1.70	22	20.0	150	153
4240122	4240122	3.6	0.5	190	181	1.0	26	14	0.69	6	1.90	1.50	22	17.0	100	87
4240123	4240123	2.5	0.5	310	295	1.0	10	10	0.66	8	0.50	1.50	21	16.0	180	167
4240124	4240124	4.1	0.5	360	381	1.0	27	2	0.20	7	0.50	3.80	26	70.0	200	186
4240125	4240125	6.8	0.5	290	285	1.0	21	6	0.84	5	0.50	2.70	29	25.0	160	139
4240126	4240126	5.7	0.5	270	247	1.0	10	6	0.88	9	0.50	2.10	22	18.0	140	121
4240127	4240127	4.7	0.5	270	275	1.0	10	1	0.20	8	0.50	3.80	34	20.0	140	130
4240128	4240128	8.4	0.5	360	357	1.0	10	5	0.20	6	0.50	3.50	30	24.0	201	161
4240129	4240129	6.7	0.5	450	429	1.0	28	7	0.65	6	0.50	3.20	31	31.0	242	189
4240130	4240130	6.6	0.5	340	379	7.5	10	20	0.60	6	0.50	3.10	30	32.0	190	173
4240131	4240131	3.5	0.5	200	143	1.0	10	-9	0.68	5	0.50	1.50	22	8.5	110	70
4240132	4240132	3.7	0.5	270	191	1.0	10	6	0.51	6	0.50	1.80	19	17.0	130	84
4240133	4240133	3.3	0.5	370	352	5.9	22	9	0.58	6	0.50	2.40	23	21.0	220	191
4240134	4240134	3.6	0.5	340	329	7.0	10	5	0.20	5	0.50	2.20	24	24.0	217	181
4240135	4240135	6.2	4.0	150	146	7.2	10	5	0.20	4	0.50	2.70	21	26.0	84	63
4240136	4240136	3.6	0.5	340	284	1.0	22	1	0.20	6	0.50	2.20	21	14.0	200	150
4240137	4240137	4.2	0.5	160	123	1.0	10	1	0.77	6	0.50	1.60	22	18.0	71	44
4240138	4240138	6.4	2.1	290	218	1.0	26	16	1.60	4	0.50	2.30	22	19.0	160	100

Appendix 1. Field and Lithochemical Data. Note that values of "-.99" indicate no data available

LabNum	FieldNum	Be2_ppm	Br1_ppm	Ce1_ppm	Ce2_ppm	Co1_ppm	Cr1_ppm	Cr_fus_ppm	Cs1_ppm	Cu2_ppm	Eu1_ppm	Fe1_percent	Ga2_ppm	Hf1_ppm	La1_ppm	La2_ppm
4240141	4240141	11.1	0.5	170	167	1.0	10	8	0.92	8	0.50	3.10	26	29.0	86	67
4240142	4240142	3.4	2.7	250	208	1.0	27	6	0.64	4	0.50	1.60	23	18.0	130	90
4240143	4240143	6.8	0.5	280	275	1.0	10	12	0.67	12	0.50	4.00	30	34.0	150	123
4240144	4240144	4.0	0.5	230	198	1.0	34	4	0.20	10	0.50	2.10	28	13.0	110	81
4240145	4240145	4.7	0.5	270	223	1.0	41	10	0.59	200	0.50	3.10	30	12.0	130	91
4240146	4240146	5.9	3.5	360	277	1.0	10	14	0.83	4	0.50	2.50	23	17.0	229	142
4240147	4240147	6.5	0.5	280	236	1.0	26	15	0.76	5	0.50	2.90	29	25.0	160	98
4240148	4240148	8.0	0.5	490	405	1.0	10	9	1.10	13	0.50	3.20	31	34.0	282	186
4240149	4240149	3.4	0.5	340	278	1.0	10	10	1.10	6	0.50	2.90	26	22.0	200	155
4240150	4240150	9.3	0.5	420	400	1.0	10	11	0.20	6	0.50	3.20	30	40.0	232	149
4240151	4240151	4.4	0.5	330	283	1.0	35	10	0.88	5	0.50	3.20	26	26.0	180	133
4240152	4240152	6.8	0.5	350	356	1.0	10	10	0.58	5	0.50	2.70	30	36.0	210	154
4240153	4240153	7.0	0.5	370	268	1.0	33	3	0.95	5	0.50	3.60	30	32.0	200	102
4240154	4240154	7.0	0.5	390	310	1.0	10	2	1.10	5	0.50	3.20	31	25.0	212	132
4240155	4240155	7.0	0.5	390	336	1.0	32	8	0.20	11	0.50	3.40	30	25.0	212	152
4240156	4240156	6.8	0.5	320	266	1.0	21	7	0.93	6	0.50	3.30	29	19.0	170	117
4240157	4240157	7.1	0.5	240	200	1.0	10	6	0.77	5	0.50	1.40	30	26.0	130	92
4240158	4240158	7.5	0.5	350	278	1.0	26	1	1.40	6	0.50	3.30	30	38.0	180	115
4240161	4240161	8.7	0.5	320	456	1.0	10	7	0.20	7	0.50	2.80	34	50.0	180	179
4240162	4240162	6.1	0.5	300	282	1.0	10	8	1.30	4	0.50	2.60	28	21.0	170	130
4240163	4240163	8.0	0.5	505	446	1.0	44	11	0.20	7	0.50	3.90	34	35.0	288	228
4240164	4240164	5.2	0.5	150	151	1.0	24	16	0.68	2	0.50	2.40	31	21.0	78	82
4240165	4240165	7.9	0.5	200	190	1.0	10	4	2.80	3	0.50	1.20	26	20.0	100	88
4240166	4240166	5.3	0.5	230	227	1.0	22	6	1.20	4	1.70	1.50	27	18.0	120	109
4240167	4240167	2.5	0.5	140	138	6.3	27	11	1.00	10	3.10	4.70	25	17.0	74	67
4240168	4240168	5.8	0.5	390	395	1.0	51	6	0.91	7	0.50	3.10	29	29.0	222	205
4240169	4240169	3.4	0.5	95	84	1.0	10	1	0.55	2	1.10	1.90	29	9.3	48	42
4240170	4240170	5.4	0.5	400	331	1.0	29	1	0.20	4	2.10	3.50	29	24.0	218	171
4240171	4240171	2.8	0.5	240	221	1.0	22	1	0.82	4	0.50	2.10	31	17.0	120	109
4240172	4240172	3.5	0.5	220	163	1.0	10	1	0.66	3	0.50	1.70	25	19.0	100	70
4240173	4240173	1.9	0.5	280	234	1.0	23	1	0.20	6	0.50	3.40	29	15.0	150	128
4240174	4240174	2.9	0.5	350	298	1.0	10	1	0.62	3	0.50	1.60	25	12.0	210	171
4240175	4240175	3.0	0.5	220	198	1.0	10	1	0.52	8	0.50	3.90	31	16.0	120	96
4240176	4240176	1.7	0.5	200	160	1.0	10	1	0.20	4	0.50	2.70	28	8.0	110	85
4240177	4240177	2.3	0.5	170	135	1.0	10	6	1.30	8	0.50	4.70	26	23.0	86	70
4240178	4240178	3.0	0.5	300	272	1.0	10	1	1.00	5	0.50	2.90	31	16.0	160	150
4240181	4240181	1.9	0.5	190	214	1.0	22	1	0.20	7	0.50	3.00	30	12.0	110	112
4240182	4240182	2.0	0.5	120	132	6.9	10	1	0.93	10	3.70	6.50	29	12.0	72	68
4240183	4240183	2.9	0.5	71	48	1.0	10	1	0.58	2	0.50	1.10	30	11.0	36	20
4240184	4240184	9.2	0.5	290	343	1.0	31	1	1.90	3	0.50	3.40	33	33.0	160	143
4240185	4240185	7.0	0.5	270	315	1.0	10	1	0.70	2	0.50	3.50	37	16.0	170	166
4240186	4240186	3.5	0.5	210	190	1.0	10	1	0.20	2	0.50	2.10	28	8.2	110	95
4240187	4240187	3.6	0.5	160	151	5.5	21	1	1.30	9	1.70	6.50	26	8.2	93	82
4240188	4240188	2.8	0.5	140	171	1.0	10	1	0.20	12	2.20	7.50	27	12.0	85	89
4240189	4240189	3.1	0.5	160	149	1.0	10	1	0.20	10	3.40	8.00	28	7.2	86	79
4240190	4240190	3.7	0.5	240	251	1.0	10	7	1.10	3	0.50	1.60	30	15.0	140	128
4240191	4240191	3.8	0.5	260	271	1.0	34	1	0.20	4	0.50	2.40	28	16.0	140	118
4240192	4240192	5.0	2.0	290	280	1.0	10	1	0.86	5	0.50	2.80	30	20.0	170	137
4240193	4240193	8.2	0.5	480	523	1.0	24	1	0.20	5	0.50	3.20	31	29.0	278	260
4240194	4240194	4.9	0.5	250	234	1.0	10	2	0.79	2	0.50	2.10	27	17.0	150	127

Appendix 1. Field and Lithochemical Data. Note that values of "-.99" indicate no data available

LabNum	FieldNum	Be2_ppm	Br1_ppm	Ce1_ppm	Ce2_ppm	Co1_ppm	Cr1_ppm	Cr_fus_ppm	Cs1_ppm	Cu2_ppm	Eu1_ppm	Fe1_percent	Ga2_ppm	Hf1_ppm	Lal_ppm	La2_ppm
4240195	4240195	5.6	0.5	480	483	1.0	37	2	1.20	7	3.70	3.60	31	31.0	295	262
4240196	4240196	5.1	0.5	330	305	1.0	26	1	0.91	4	2.00	2.20	29	23.0	170	140
4240197	4240197	5.5	0.5	310	241	1.0	10	1	1.30	5	0.50	3.30	28	24.0	160	110
4240198	4240198	3.7	0.5	230	214	1.0	24	8	0.20	10	1.60	7.40	28	22.0	130	100
4240201	4240201	4.5	0.5	350	387	1.0	10	1	1.20	5	0.50	2.40	32	17.0	207	215
4240202	4240202	4.1	0.5	230	230	1.0	10	22	0.20	4	0.50	2.40	30	16.0	110	107
4240203	4240203	4.7	0.5	280	260	1.0	30	1	0.82	6	0.50	2.20	30	18.0	140	116
4240204	4240204	6.1	2.3	260	266	1.0	36	1	1.30	3	0.50	2.00	30	21.0	140	127
4240205	4240205	3.3	0.5	420	393	1.0	10	3	0.54	6	0.50	2.70	29	19.0	254	226
4240206	4240206	3.6	0.5	240	237	1.0	10	1	0.78	3	0.50	1.90	25	22.0	120	117
4240207	4240207	6.4	0.5	270	223	1.0	10	3	0.60	4	0.50	2.30	25	20.0	140	103
4240208	4240208	7.5	0.5	310	238	1.0	10	1	0.51	5	0.50	2.10	25	24.0	170	117
4240209	4240209	4.5	0.5	260	263	9.2	10	1	0.59	12	0.50	5.90	29	20.0	150	128
4240210	4240210	5.7	3.2	230	137	1.0	10	1	0.52	4	0.50	2.00	29	10.0	100	50
4240211	4240211	5.7	0.5	160	84	1.0	10	1	0.89	2	0.50	2.00	22	22.0	77	27
4240212	4240212	4.5	2.5	370	335	1.0	10	1	0.70	5	0.50	2.00	29	21.0	205	174
4240213	4240213	5.0	0.5	290	262	1.0	10	1	0.76	3	0.50	2.00	27	20.0	150	130
4240214	4240214	4.3	0.5	280	235	1.0	10	1	0.78	4	0.50	2.10	25	18.0	130	104
4240215	4240215	4.5	0.5	280	238	1.0	10	1	1.00	3	0.50	2.10	13	16.0	150	117
4240216	4240216	6.2	0.5	420	397	1.0	31	1	0.61	10	0.50	4.20	29	25.0	214	198
4240217	4240217	8.3	0.5	350	326	1.0	10	1	0.62	7	0.50	3.90	34	32.0	190	160
4240218	4240218	6.8	0.5	360	282	1.0	10	1	1.50	3	0.50	3.20	32	27.0	170	124
4240221	4240221	4.6	2.4	290	360	1.0	26	1	0.58	4	0.50	2.00	30	19.0	170	186
4240222	4240222	8.1	0.5	280	259	1.0	10	1	1.30	4	0.50	3.20	31	28.0	150	107
4240223	4240223	3.6	0.5	300	325	1.0	10	1	0.58	7	0.50	3.70	27	29.0	160	151
4240224	4240224	3.4	0.5	150	136	1.0	10	1	0.20	3	0.50	2.00	30	9.3	73	61
4240225	4240225	6.3	0.5	290	234	1.0	20	1	0.83	5	0.50	4.00	27	22.0	150	110
4240226	4240226	3.4	0.5	180	140	1.0	10	1	0.20	3	0.50	1.70	24	13.0	95	66
4240227	4240227	5.1	0.5	250	239	1.0	10	3	0.76	5	1.50	3.60	29	29.0	130	112
4240228	4240228	6.2	0.5	260	226	1.0	10	1	0.20	7	0.50	1.80	21	16.0	140	108
4240229	4240229	4.8	0.5	200	211	1.0	10	1	0.20	5	0.50	2.00	26	13.0	96	93
4240230	4240230	6.1	0.5	340	280	1.0	10	1	0.20	5	0.50	2.10	21	19.0	180	126
4240231	4240231	5.4	0.5	220	206	1.0	10	3	0.20	3	0.50	1.70	24	16.0	110	91
4240232	4240232	3.3	0.5	250	184	1.0	10	1	0.83	3	3.00	1.50	19	13.0	140	99
4240233	4240233	4.4	0.5	240	203	1.0	10	1	0.20	2	0.50	1.80	23	12.0	120	90
4240234	4240234	3.0	0.5	320	296	1.0	21	5	0.20	4	1.90	1.70	23	14.0	190	167
4240235	4240235	4.4	0.5	390	264	1.0	10	1	0.71	13	0.50	2.60	21	12.0	229	138
4240236	4240236	4.0	0.5	310	272	1.0	29	1	0.54	4	0.50	1.80	23	14.0	180	141
4240237	4240237	3.8	0.5	200	202	1.0	26	1	0.20	7	3.10	5.00	29	14.0	110	108
4240238	4240238	7.8	0.5	390	377	1.0	10	1	0.77	4	0.50	3.00	31	28.0	232	189
4240241	4240241	5.6	0.5	210	248	1.0	10	1	0.91	7	1.60	2.80	26	22.0	130	121
4240242	4240242	8.5	0.5	330	293	1.0	29	1	1.10	5	0.50	3.20	31	34.0	190	136
4240243	4240243	9.8	0.5	390	287	1.0	10	1	0.92	5	0.50	3.00	31	33.0	220	121
4240244	4240244	3.6	0.5	150	121	1.0	36	1	1.00	5	0.50	2.30	27	5.4	75	63
4240245	4240245	2.8	0.5	310	281	1.0	40	2	0.20	3	0.50	2.60	27	6.1	190	161
4240246	4240246	6.0	0.5	240	176	1.0	10	3	1.00	5	3.10	3.40	31	20.0	150	75
4240247	4240247	4.7	0.5	250	247	1.0	10	1	1.10	4	0.50	3.40	32	17.0	140	111
4240248	4240248	9.6	0.5	310	328	1.0	10	1	0.20	4	0.50	3.00	27	33.0	190	170
4240249	4240249	8.5	0.5	310	354	1.0	10	1	1.90	6	0.50	4.30	33	32.0	190	166
4240250	4240250	6.0	0.5	260	255	1.0	10	1	1.10	4	0.50	3.30	31	20.0	150	124

Appendix 1. Field and Lithochemical Data. Note that values of "-.99" indicate no data available

LabNum	FieldNum	Be2_ppm	Br1_ppm	Ce1_ppm	Ce2_ppm	Co1_ppm	Cr1_ppm	Cr_fus_ppm	Cs1_ppm	Cu2_ppm	Eu1_ppm	Fe1_percent	Ga2_ppm	Hf1_ppm	Lal_ppm	La2_ppm
4240251	4240251	7.7	0.5	310	351	1.0	23	1	0.20	6	0.50	3.40	31	34.0	190	158
4240252	4240252	9.7	0.5	500	299	1.0	32	1	0.52	4	0.50	3.40	33	29.0	268	117
4240253	4240253	7.6	0.5	310	299	1.0	20	1	0.20	6	0.50	4.50	34	22.0	180	142
4240254	4240254	8.2	0.5	350	276	1.0	40	1	1.30	4	2.00	2.90	30	28.0	224	133
4240255	4240255	8.7	0.5	400	394	1.0	10	1	1.40	7	0.50	4.10	33	36.0	245	182
4240256	4240256	4.9	0.5	310	256	1.0	38	1	0.93	3	0.50	2.80	29	22.0	190	125
4240257	4240257	6.9	0.5	390	324	1.0	24	1	0.20	3	1.90	2.30	21	27.0	230	158
4240258	4240258	6.1	2.0	330	273	1.0	31	1	1.10	6	0.50	2.40	25	21.0	190	135
4240261	4240261	2.6	0.5	230	285	1.0	10	1	0.20	7	0.50	2.10	22	20.0	150	151
4240262	4240262	5.8	2.1	320	293	1.0	36	1	1.30	8	0.50	2.40	25	21.0	190	143
4240263	4240263	5.4	0.5	320	304	1.0	21	1	0.81	5	0.50	2.20	26	23.0	170	144
4240264	4240264	5.9	0.5	300	287	1.0	10	1	0.68	5	1.90	2.50	25	18.0	170	150
4240265	4240265	2.3	0.5	330	331	1.0	10	3	0.52	5	0.50	2.20	25	15.0	210	175
4240266	4240266	4.0	0.5	310	297	1.0	33	1	1.20	6	1.80	3.60	26	16.0	180	162
4240267	4240267	2.4	0.5	280	187	1.0	10	1	0.20	6	0.50	2.30	22	15.0	160	87
4240268	4240268	4.3	0.5	470	441	1.0	10	1	0.20	6	0.50	3.90	28	29.0	281	237
4240269	4240269	4.3	0.5	390	378	1.0	10	1	0.20	5	0.50	3.60	29	23.0	231	199
4240270	4240270	4.1	0.5	300	276	1.0	10	1	1.00	4	0.50	3.40	28	20.0	170	138
4240271	4240271	5.1	0.5	440	373	1.0	10	4	0.54	5	0.50	3.20	28	22.0	245	180
4240272	4240272	3.0	0.5	360	269	1.0	10	1	0.20	3	0.50	3.10	28	14.0	206	124
4240273	4240273	5.4	0.5	300	177	1.0	10	1	1.40	4	0.50	2.20	25	22.0	160	71
4240274	4240274	4.7	0.5	290	260	1.0	10	1	0.58	6	0.50	3.80	24	17.0	160	135
4240275	4240275	6.3	0.5	250	200	1.0	10	1	0.20	2	0.50	2.10	29	18.0	120	82
4240276	4240276	5.6	0.5	370	289	1.0	23	1	1.30	4	0.50	3.40	27	24.0	200	134
4240277	4240277	4.8	0.5	410	222	1.0	10	1	1.10	5	1.70	4.80	26	22.0	201	102
4240278	4240278	3.2	0.5	754	281	1.0	10	1	1.50	8	3.50	8.70	24	30.0	392	147
4240281	4240281	3.5	0.5	170	135	1.0	10	1	0.69	3	0.50	2.50	30	14.0	89	56
4240282	4240282	3.0	0.5	230	177	1.0	10	7	0.82	5	1.90	4.10	27	28.0	130	88
4240283	4240283	4.2	2.3	210	147	1.0	10	1	0.51	4	0.50	2.30	25	17.0	110	69
4240284	4240284	4.0	0.5	430	387	1.0	24	1	0.74	6	0.50	3.70	31	22.0	268	210
4240285	4240285	5.5	0.5	260	213	1.0	21	1	1.20	4	2.10	2.80	29	15.0	150	101
4240286	4240286	9.1	0.5	360	254	1.0	10	1	1.10	2	0.50	2.40	26	20.0	209	114
4240287	4240287	6.3	0.5	300	211	1.0	10	1	0.79	3	0.50	2.40	24	18.0	170	92
4240288	4240288	15.6	0.5	669	878	1.0	52	7	0.20	4	2.40	5.60	41	69.0	413	365
4240289	4240289	5.5	0.5	270	183	1.0	10	7	1.20	3	1.50	2.50	24	22.0	150	77
4240290	4240290	7.2	0.5	160	122	1.0	10	13	0.50	3	0.50	2.30	26	21.0	65	33
4240291	4240291	5.8	0.5	270	144	1.0	22	13	0.20	2	0.50	2.20	24	18.0	160	65
4240292	4240292	3.9	0.5	280	116	1.0	10	2	0.20	3	0.50	2.30	23	12.0	160	49
4240293	4240293	6.3	0.5	290	188	1.0	10	12	0.20	5	0.50	2.50	23	17.0	170	90
4240294	4240294	3.4	0.5	350	199	1.0	10	6	0.20	4	0.50	2.50	23	17.0	190	92
4240295	4240295	4.5	0.5	240	199	1.0	24	1	0.91	6	3.20	7.80	31	17.0	140	93
4240296	4240296	5.6	0.5	370	258	1.0	10	5	1.10	5	1.60	5.20	32	28.0	203	121
4240297	4240297	8.1	0.5	531	289	1.0	10	9	2.00	5	0.50	3.30	24	35.0	294	136
4240298	4240298	9.0	0.5	645	424	1.0	27	8	0.20	4	0.50	6.20	33	58.0	331	183
4240301	4240301	7.2	0.5	360	270	1.0	10	8	0.85	6	0.50	2.70	31	27.0	224	117
4240302	4240302	7.9	0.5	360	283	1.0	10	7	0.20	3	0.50	3.50	29	29.0	216	126
4240303	4240303	7.6	0.5	410	352	1.0	10	17	0.20	5	0.50	3.80	30	26.0	229	156
4240304	4240304	9.3	0.5	480	397	1.0	33	9	0.56	4	0.50	4.10	32	36.0	310	193
4240305	4240305	3.7	0.5	160	201	1.0	10	9	0.90	8	1.90	7.10	30	11.0	82	87
4240306	4240306	7.4	0.5	380	266	1.0	26	6	0.20	5	0.50	3.60	23	29.0	226	106

Appendix 1. Field and Lithochemical Data. Note that values of "-.99" indicate no data available

LabNum	FieldNum	Be2_ppm	Br1_ppm	Ce1_ppm	Ce2_ppm	Co1_ppm	Cr1_ppm	Cr_fus_ppm	Cs1_ppm	Cu2_ppm	Eu1_ppm	Fe1_percent	Ga2_ppm	Hf1_ppm	La1_ppm	La2_ppm
4240307	4240307	5.7	0.5	350	297	1.0	25	16	1.00	3	0.50	3.40	31	36.0	180	110
4240308	4240308	5.1	0.5	420	414	1.0	10	2	0.68	5	0.50	3.00	31	24.0	255	201
4240309	4240309	6.4	0.5	400	336	1.0	10	11	0.57	5	0.50	2.70	32	20.0	271	189
4240310	4240310	7.5	0.5	410	344	1.0	38	7	1.10	5	0.50	3.90	31	27.0	248	152
4240311	4240311	7.9	0.5	470	395	1.0	23	1	0.63	7	0.50	6.20	29	26.0	275	186
4240312	4240312	6.3	0.5	370	299	1.0	30	4	0.89	6	0.50	4.60	31	28.0	231	140
4240313	4240313	6.3	0.5	380	255	1.0	21	4	0.82	4	0.50	4.80	30	23.0	231	120
4240314	4240314	8.9	0.5	210	136	1.0	10	12	0.67	3	0.50	2.60	24	26.0	100	46
4240315	4240315	5.3	0.5	310	177	1.0	10	8	1.00	4	1.50	2.60	21	19.0	170	78
4240316	4240316	3.1	0.5	180	171	7.1	27	5	0.20	14	3.10	8.70	32	12.0	99	77
4240317	4240317	9.1	0.5	460	381	1.0	38	7	1.60	5	0.50	4.00	30	35.0	274	160
4240318	4240318	14.9	0.5	63	81	1.0	10	1	4.90	2	0.50	2.10	30	27.0	31	20
4240321	4240321	9.6	0.5	310	393	1.0	27	5	1.30	2	0.50	1.60	19	44.0	190	209
4240322	4240322	1.7	0.5	72	88	29.0	10	10	0.20	20	2.60	8.20	22	5.0	44	40
4240323	4240323	5.5	0.5	310	214	1.0	30	6	1.50	3	0.50	2.60	24	18.0	180	104
4240324	4240324	5.4	0.5	240	192	1.0	10	4	0.87	4	0.50	2.50	24	19.0	130	87
4240325	4240325	4.8	0.5	300	196	1.0	10	3	0.54	4	1.30	2.90	24	20.0	180	88
4240326	4240326	6.0	0.5	300	211	1.0	10	1	0.20	4	1.90	2.60	25	22.0	170	95
4240327	4240327	6.0	0.5	350	291	1.0	25	1	0.81	3	1.20	2.50	22	21.0	190	140
4240328	4240328	7.4	0.5	240	241	1.0	10	1	1.10	4	0.50	2.60	24	25.0	130	107
4240329	4240329	12.2	0.5	637	452	1.0	34	1	0.80	4	0.50	2.20	34	34.0	365	220
4240330	4240330	6.4	0.5	280	212	1.0	10	1	0.20	3	0.50	2.10	23	21.0	160	101
4240331	4240331	8.2	0.5	400	345	1.0	10	1	1.20	5	0.50	3.50	31	36.0	209	157
4240332	4240332	6.5	0.5	320	214	1.0	10	15	0.20	3	0.50	2.30	22	16.0	170	93
4240333	4240333	4.8	0.5	340	288	1.0	10	1	0.68	4	0.50	2.80	21	23.0	180	137
4240334	4240334	7.7	0.5	290	184	1.0	23	1	1.20	4	0.50	2.30	21	18.0	160	80
4240335	4240335	7.4	0.5	490	391	1.0	10	1	0.20	4	0.50	3.40	28	27.0	294	207
4240336	4240336	8.6	2.3	652	493	1.0	33	3	1.10	6	0.50	3.90	33	30.0	394	265
4240337	4240337	9.6	0.5	270	216	1.0	10	1	0.20	3	0.50	2.40	27	16.0	150	100
4240338	4240338	5.4	0.5	460	355	1.0	31	1	0.20	5	0.50	4.00	31	27.0	265	182
4240341	4240341	4.9	0.5	340	357	1.0	10	1	1.00	5	0.50	2.90	33	19.0	212	185
4240342	4240342	6.6	2.2	380	328	1.0	32	12	0.86	5	0.50	3.70	32	28.0	227	149
4240343	4240343	4.0	0.5	320	283	1.0	10	2	0.64	7	0.50	3.80	32	16.0	190	148
4240344	4240344	3.2	2.5	340	270	1.0	23	2	0.20	4	0.50	2.50	26	16.0	209	143
4240345	4240345	5.3	2.5	160	88	1.0	10	7	0.20	11	0.50	2.00	31	7.3	93	39
4240346	4240346	4.2	0.5	290	265	1.0	10	6	0.20	4	0.50	3.10	30	18.0	160	129
4240347	4240347	4.3	0.5	370	363	1.0	24	1	1.40	4	0.50	2.80	31	18.0	211	181
4240348	4240348	12.0	0.5	130	131	1.0	10	10	0.20	3	3.20	6.20	25	10.0	68	54
4240349	4240349	7.3	0.5	76	83	1.0	10	1	0.20	2	0.50	2.30	31	20.0	34	28
4240350	4240350	5.6	0.5	320	244	1.0	10	1	0.20	4	0.50	2.30	25	19.0	170	121
4240351	4240351	4.1	0.5	130	109	1.0	10	8	0.52	10	1.60	7.40	29	6.9	73	49
4240352	4240352	6.3	0.5	250	177	1.0	10	4	0.75	3	0.50	2.10	21	18.0	140	74
4240353	4240353	9.0	0.5	450	421	1.0	23	2	0.20	8	0.50	2.70	27	38.0	246	200
4240354	4240354	5.5	0.5	380	343	1.0	10	3	0.20	4	0.50	2.40	25	18.0	225	176
4240355	4240355	5.1	0.5	350	267	1.0	10	1	0.87	4	0.50	2.70	24	16.0	205	134
4240356	4240356	5.8	0.5	360	342	1.0	21	2	1.00	3	0.50	2.50	25	17.0	219	184
4240357	4240357	6.1	0.5	410	337	1.0	23	3	0.68	4	1.30	2.90	24	40.0	249	179
4240358	4240358	8.4	0.5	330	347	1.0	10	4	0.20	3	0.50	2.50	26	20.0	180	159
4240361	4240361	6.3	0.5	240	273	5.4	10	14	1.10	5	1.40	2.20	26	16.0	140	138
4240362	4240362	4.0	0.5	360	278	1.0	10	1	0.76	5	0.50	2.70	21	18.0	214	143

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LabNum	FieldNum	Be2_ppm	Br1_ppm	Ce1_ppm	Ce2_ppm	Co1_ppm	Cr1_ppm	Cr_fus_ppm	Cs1_ppm	Cu2_ppm	Eu1_ppm	Fe1_percent	Ga2_ppm	Hf1_ppm	La1_ppm	La2_ppm
4240363	4240363	3.8	0.5	440	464	34.0	46	20	0.75	24	2.30	11.00	30	16.0	266	252
4240364	4240364	6.5	0.5	480	438	1.0	23	6	1.10	4	0.50	3.60	26	22.0	242	192
4240365	4240365	4.6	0.5	210	180	1.0	20	1	0.61	2	0.50	2.20	24	19.0	110	77
4240366	4240366	6.2	0.5	270	209	1.0	27	1	1.00	5	0.50	2.10	22	15.0	150	98
4240367	4240367	10.8	0.5	240	249	1.0	10	2	1.30	6	1.90	6.10	31	19.0	120	93
4240368	4240368	7.8	0.5	280	302	1.0	27	1	1.70	7	2.40	7.00	35	17.0	160	139
4240369	4240369	6.2	0.5	340	312	1.0	31	1	0.67	4	0.50	2.40	23	21.0	200	148
4240370	4240370	5.5	0.5	240	202	1.0	10	5	0.20	4	0.50	2.70	30	17.0	130	90
4240371	4240371	6.9	0.5	300	280	1.0	10	1	0.76	2	0.50	2.10	21	19.0	170	130
4240372	4240372	7.9	2.4	300	313	1.0	10	1	0.73	4	0.50	2.10	24	27.0	160	142
4240373	4240373	6.3	2.1	210	200	1.0	10	12	0.20	2	0.50	2.00	24	20.0	120	87
4240374	4240374	3.2	0.5	260	211	1.0	10	1	0.20	4	0.50	2.10	23	15.0	140	98
4240375	4240375	10.7	0.5	290	255	1.0	10	1	1.70	3	0.50	2.10	24	19.0	170	133
4240376	4240376	6.5	0.5	260	219	1.0	10	7	0.20	2	0.50	2.10	25	18.0	140	99
4240377	4240377	5.6	0.5	280	239	1.0	10	5	0.61	3	0.50	2.30	26	17.0	160	117
4240378	4240378	6.8	0.5	350	306	1.0	10	6	1.00	3	0.50	2.30	27	13.0	180	152
4240381	4240381	4.6	0.5	310	335	1.0	10	1	0.20	4	0.50	1.90	26	18.0	200	185
4240382	4240382	6.9	0.5	320	299	1.0	10	7	1.00	3	0.50	2.30	25	18.0	218	171
4240383	4240383	7.7	0.5	340	295	1.0	10	1	0.20	4	0.50	2.30	25	20.0	206	160
4240384	4240384	7.2	0.5	410	402	1.0	26	9	1.20	3	0.50	2.40	27	19.0	240	208
4240385	4240385	7.6	0.5	380	327	1.0	10	1	0.79	4	0.50	2.30	24	20.0	224	171
4240386	4240386	6.7	0.5	360	339	1.0	10	1	1.20	2	0.50	1.90	26	12.0	180	160
4240387	4240387	5.2	0.5	500	410	1.0	10	3	1.40	3	0.50	3.10	25	22.0	280	208
4240388	4240388	6.4	0.5	320	322	1.0	10	4	0.20	3	0.50	2.70	33	22.0	200	159
4240389	4240389	6.9	2.6	280	241	1.0	28	7	0.73	4	0.50	2.20	26	20.0	160	113
4240390	4240390	6.4	0.5	280	268	1.0	10	8	0.82	4	0.50	2.10	24	19.0	150	122
4240391	4240391	7.1	3.0	250	239	1.0	10	1	1.70	13	0.50	1.90	25	20.0	140	115
4240392	4240392	5.3	0.5	300	276	1.0	24	1	0.58	4	0.50	2.10	23	17.0	170	136
4240393	4240393	7.6	0.5	280	228	1.0	10	2	0.20	3	0.50	2.30	23	23.0	160	113
4240394	4240394	3.8	0.5	280	248	1.0	10	11	0.20	3	0.50	2.20	23	14.0	170	130
4240395	4240395	8.3	0.5	47	86	1.0	10	10	0.62	3	0.50	4.30	35	21.0	19	17
4240396	4240396	6.4	0.5	250	244	1.0	10	7	0.20	4	0.50	2.10	24	15.0	140	128
4240397	4240397	5.6	0.5	280	248	1.0	10	8	0.94	3	0.50	2.30	24	19.0	150	119
4240398	4240398	6.7	0.5	57	62	6.5	24	18	0.20	8	0.50	1.90	7	6.2	25	23
4240401	4240401	8.8	0.5	220	287	1.0	10	5	0.20	3	2.20	2.30	31	19.0	130	138
4240402	4240402	6.5	0.5	290	305	1.0	10	11	0.20	3	0.50	2.00	24	19.0	160	152
4240403	4240403	6.1	0.5	340	370	1.0	10	1	0.86	76	0.50	2.30	24	20.0	180	177
4240404	4240404	6.0	0.5	300	322	1.0	10	7	1.20	3	1.60	2.30	25	20.0	170	161
4240405	4240405	5.9	0.5	340	356	1.0	10	5	0.82	2	1.70	2.10	19	19.0	202	184
4240406	4240406	6.7	0.5	250	253	1.0	10	1	0.75	4	0.50	2.40	22	18.0	140	121
4240407	4240407	5.8	0.5	310	314	1.0	10	1	0.20	3	0.50	2.30	24	20.0	170	154
4240408	4240408	4.2	0.5	300	300	1.0	25	6	0.64	2	1.60	2.30	26	18.0	170	147
4240409	4240409	1.6	0.5	40	36	13.0	10	3	0.20	4	1.20	3.40	6	1.9	20	18
4240410	4240410	5.4	0.5	270	269	1.0	10	1	0.20	4	0.50	2.20	22	15.0	140	126
4240411	4240411	4.2	0.5	250	256	1.0	10	1	0.20	2	0.50	2.40	23	19.0	140	128
4240412	4240412	3.8	0.5	120	125	1.0	10	1	0.20	3	0.50	2.00	26	19.0	65	60

Appendix 1. Field and Lithochemical Data. Note that values of "-.99" indicate no data available

LabNum	FieldNum	Li2_ppm	Lul_ppm	Mo1_ppm	Mo2_ppm	Na1_percent	Nb2_ppm	Ni1_ppm	Ni2_ppm	Pb2_ppm	Rb1_ppm	Rb2_ppm	Sb1_ppm	Scl_ppm	Sm1_ppm	Sn10_ppm
4240023	4240023	25	0.54	2.8	2	3.15	73	5	1	9	390	508	0.05	0.1	4.6	27
4240024	4240024	28	0.30	1.0	3	2.71	46	5	1	12	140	125	0.05	1.2	11.0	13
4240025	4240025	32	0.08	4.9	12	3.19	45	5	1	14	87	116	0.05	9.3	18.0	5
4240026	4240026	15	0.60	1.0	4	2.53	52	5	1	24	160	204	0.05	2.0	16.0	11
4240027	4240027	29	0.41	4.1	9	2.93	54	5	1	24	160	204	0.86	2.0	17.0	18
4240033	4240033	65	0.32	3.2	4	2.96	52	5	1	21	140	167	0.05	2.2	12.0	11
4240034	4240034	23	0.60	1.0	7	2.90	92	5	1	26	150	140	0.05	3.8	28.5	13
4240035	4240035	24	0.41	1.0	6	3.17	72	5	1	25	110	135	0.05	5.2	23.3	10
4240036	4240036	35	0.11	1.0	4	3.60	52	5	5	17	60	60	0.05	7.6	25.8	4
4240037	4240037	135	0.38	1.0	5	3.76	106	5	1	20	140	187	0.16	3.8	17.0	14
4240038	4240038	19	0.18	1.0	3	2.52	54	5	1	28	130	155	0.05	2.2	10.0	13
4240041	4240041	19	0.45	1.0	4	2.09	73	5	1	14	130	176	0.05	2.0	20.3	9
4240042	4240042	33	0.32	1.0	4	2.78	53	5	1	30	150	187	0.05	2.0	9.4	10
4240043	4240043	32	0.38	1.0	5	2.83	59	5	1	27	140	195	0.05	2.3	14.0	19
4240044	4240044	59	0.28	1.0	4	2.19	47	5	1	9	160	239	0.05	0.5	14.0	25
4240045	4240045	40	0.48	3.1	9	3.01	74	5	1	36	140	176	0.05	2.8	20.3	17
4240046	4240046	21	0.34	2.7	6	3.11	52	5	1	7	110	157	0.05	2.7	14.0	11
4240047	4240047	28	0.26	1.0	6	3.20	51	5	1	4	110	141	1.00	3.2	21.2	13
4240048	4240048	27	0.32	1.0	4	2.90	69	5	1	24	120	152	0.05	3.4	19.0	15
4240049	4240049	20	0.28	1.0	6	2.96	47	5	1	2	140	165	0.78	2.5	20.0	11
4240050	4240050	44	0.48	1.0	5	2.93	72	5	1	16	140	181	0.05	2.4	18.0	15
4240051	4240051	294	0.63	7.9	10	3.24	130	5	1	24	210	251	0.05	1.4	16.0	34
4240052	4240052	41	0.28	1.0	7	2.98	57	5	1	17	120	145	0.05	1.3	22.0	11
4240053	4240053	27	0.02	1.0	3	3.21	26	5	1	7	110	139	0.05	2.9	15.0	6
4240054	4240054	20	0.32	1.0	3	2.79	60	5	1	15	130	174	0.05	2.8	9.0	14
4240055	4240055	49	0.73	1.0	6	2.98	114	5	1	24	210	272	0.05	2.9	23.9	34
4240056	4240056	24	0.20	1.0	5	3.26	47	5	1	15	110	144	0.05	4.3	22.3	7
4240057	4240057	42	0.11	1.0	3	3.06	39	14	1	12	95	132	1.30	1.8	13.0	7
4240058	4240058	22	0.02	1.0	3	2.84	24	5	1	10	120	164	0.05	0.8	4.1	4
4240061	4240061	29	0.08	1.0	4	2.30	53	5	1	150	89	132	0.05	3.5	25.3	9
4240063	4240063	32	0.18	2.8	4	2.76	17	18	2	17	93	136	0.05	10.0	11.0	6
4240064	4240064	80	0.48	1.0	5	2.56	52	5	1	17	120	166	0.05	1.3	23.8	11
4240065	4240065	37	0.18	3.5	8	2.78	48	5	1	11	120	153	0.05	2.0	20.0	11
4240066	4240066	49	0.41	1.0	3	2.82	56	5	1	11	120	183	0.05	2.3	18.0	10
4240067	4240067	51	0.40	8.9	11	2.82	59	5	1	27	120	171	0.05	3.4	16.0	17
4240068	4240068	23	0.32	1.0	4	2.73	64	5	1	20	130	165	0.05	2.6	24.0	13
4240069	4240069	34	0.46	5.2	7	2.82	71	5	1	21	160	210	0.05	2.1	16.0	16
4240070	4240070	49	0.41	1.0	3	2.78	75	5	1	54	130	161	0.05	3.4	21.6	11
4240071	4240071	48	0.41	1.0	5	2.87	85	5	1	23	120	173	0.05	4.1	28.2	11
4240072	4240072	18	0.51	1.0	13	3.63	92	5	1	13	130	164	0.05	8.1	48.2	13
4240073	4240073	21	0.56	1.0	16	3.80	102	5	1	14	130	160	0.05	10.0	54.3	13
4240074	4240074	30	0.59	1.0	11	2.81	106	5	2	48	200	267	0.20	3.9	38.4	26
4240075	4240075	31	0.41	3.1	7	2.74	61	5	1	31	150	182	0.05	3.2	20.5	13
4240076	4240076	12	0.40	3.0	10	3.28	76	5	1	17	93	110	0.05	17.0	36.8	11
4240077	4240077	343	0.67	2.3	5	3.35	118	5	1	45	370	456	0.15	2.5	22.3	18
4240078	4240078	46	0.58	1.0	4	2.64	72	5	1	32	180	246	0.05	1.1	18.0	18
4240081	4240081	27	0.40	3.2	8	2.55	52	5	1	26	110	150	0.12	4.8	23.7	12
4240082	4240082	49	0.75	1.0	4	2.76	91	5	1	28	160	209	0.05	1.5	28.4	17
4240083	4240083	57	0.38	5.2	9	2.95	53	5	1	22	180	228	0.05	2.1	22.9	11
4240084	4240084	49	0.34	2.6	6	2.98	36	5	1	8	130	182	0.05	2.4	26.6	6

Appendix 1. Field and Lithochemical Data. Note that values of "-.99" indicate no data available

LabNum	FieldNum	Li2_ppm	Lul_ppm	Mo1_ppm	Mo2_ppm	Na1_percent	Nb2_ppm	Ni1_ppm	Ni2_ppm	Pb2_ppm	Rb1_ppm	Rb2_ppm	Sb1_ppm	Scl_ppm	Sml_ppm	Sn10_ppm
4240085	4240085	49	0.70	1.0	2	2.80	90	5	1	43	130	187	0.05	1.6	25.5	18
4240086	4240086	59	0.73	1.0	4	2.88	91	5	1	43	180	233	0.05	1.9	29.8	19
4240087	4240087	29	0.20	3.8	5	2.96	41	5	1	14	120	166	0.05	2.8	13.0	10
4240088	4240088	61	0.71	5.6	10	3.10	102	5	1	37	200	252	0.05	1.3	19.0	20
4240089	4240089	58	0.68	1.0	5	2.95	81	5	1	39	190	220	0.05	1.7	26.8	19
4240090	4240090	80	0.38	2.3	6	3.59	74	5	1	35	180	230	0.05	2.5	27.3	13
4240091	4240091	41	0.36	7.0	8	3.01	44	5	1	17	140	174	0.05	1.2	20.3	8
4240092	4240092	36	0.60	1.0	3	2.88	61	5	1	33	130	166	0.05	1.1	19.0	10
4240093	4240093	32	0.28	1.0	3	2.90	51	5	1	28	140	167	0.05	0.6	18.0	10
4240094	4240094	18	0.18	1.0	4	2.89	48	5	1	13	110	146	0.05	1.0	22.0	8
4240095	4240095	46	0.32	3.3	6	3.03	49	5	1	22	130	155	0.05	1.3	19.0	11
4240096	4240096	9	1.38	1.0	3	3.15	448	5	1	16	507	323	0.05	0.5	9.1	32
4240097	4240097	20	0.08	1.0	4	3.15	38	5	1	22	97	133	0.05	2.3	14.0	5
4240098	4240098	21	0.28	1.0	4	2.89	17	5	1	9	110	125	0.05	0.8	20.5	5
4240101	4240101	53	0.41	1.0	5	2.32	61	5	1	29	140	187	0.05	1.5	18.0	16
4240102	4240102	75	0.70	1.0	9	2.80	84	5	1	47	190	236	0.05	1.9	29.4	16
4240103	4240103	59	0.49	1.0	5	3.23	68	5	1	29	140	166	0.11	5.8	34.4	11
4240104	4240104	22	0.36	1.0	6	2.70	39	20	1	19	110	139	0.05	3.0	30.0	4
4240105	4240105	26	0.23	1.0	5	2.88	39	11	2	15	120	160	1.10	1.3	15.0	8
4240106	4240106	28	0.38	1.0	4	2.66	44	5	1	24	140	148	0.05	2.1	19.0	8
4240107	4240107	32	0.63	1.0	4	2.45	64	5	1	31	160	210	0.05	0.6	17.0	14
4240108	4240108	45	0.51	1.0	3	2.85	55	16	1	19	140	199	0.05	1.5	22.4	7
4240109	4240109	67	0.56	3.4	7	2.94	79	5	1	32	160	216	0.05	2.4	21.0	20
4240110	4240110	39	0.23	2.2	7	3.23	58	5	1	28	120	141	0.05	2.3	21.7	11
4240111	4240111	21	0.02	1.0	4	3.39	37	5	1	12	95	124	0.05	2.0	19.0	11
4240112	4240112	14	0.18	2.4	4	2.80	35	5	1	45	96	120	0.05	0.7	9.2	9
4240113	4240113	5	0.18	1.0	3	2.37	34	5	1	16	140	152	0.05	1.4	18.0	7
4240114	4240114	1	0.40	1.0	2	2.32	49	5	1	4	160	209	0.05	1.0	19.0	8
4240115	4240115	71	0.64	1.0	4	3.41	89	5	1	43	160	158	0.05	3.5	39.3	14
4240116	4240116	43	0.57	10.0	10	2.32	65	5	1	36	160	223	0.05	1.7	18.0	15
4240117	4240117	55	0.36	1.0	5	3.05	49	5	1	16	130	172	0.05	2.6	25.8	10
4240118	4240118	11	0.46	1.0	4	2.65	48	15	1	19	110	163	0.05	2.4	19.0	11
4240121	4240121	30	0.46	1.0	3	2.12	55	5	1	17	170	217	0.05	1.3	20.2	13
4240122	4240122	21	0.40	1.0	3	2.41	47	5	1	18	140	168	0.05	1.4	13.0	9
4240123	4240123	5	0.08	1.0	3	2.34	37	5	1	13	92	146	1.30	2.3	18.0	7
4240124	4240124	22	0.49	1.0	4	2.91	61	5	1	20	110	155	0.05	5.3	32.1	6
4240125	4240125	49	0.52	1.0	3	2.90	50	5	1	33	140	186	0.05	1.0	23.2	10
4240126	4240126	1	0.51	1.0	2	2.40	55	5	1	35	160	224	0.05	2.1	17.0	11
4240127	4240127	34	0.34	2.7	4	3.16	40	5	1	20	100	160	0.05	3.3	21.4	9
4240128	4240128	67	0.48	3.7	4	3.07	79	5	1	36	180	236	0.05	1.7	22.8	13
4240129	4240129	50	0.52	1.0	2	3.02	73	5	1	18	140	182	0.05	2.3	26.4	14
4240130	4240130	53	0.54	1.0	3	3.00	67	5	1	30	180	206	0.11	1.7	23.0	15
4240131	4240131	14	0.18	1.0	3	2.82	24	15	1	20	120	178	0.05	2.2	15.0	6
4240132	4240132	19	0.36	1.0	2	2.74	35	5	1	27	140	174	0.05	2.2	15.0	7
4240133	4240133	22	0.26	8.5	12	2.76	40	5	1	19	120	134	0.05	2.7	21.5	6
4240134	4240134	36	0.45	1.0	2	2.76	35	5	1	29	140	168	0.05	1.6	21.5	8
4240135	4240135	14	0.54	1.0	2	2.20	54	5	1	18	140	189	0.05	3.8	13.0	13
4240136	4240136	3	0.40	1.0	3	2.60	37	5	1	27	120	155	0.05	2.2	19.0	5
4240137	4240137	10	0.30	1.0	3	2.48	29	5	1	20	170	236	0.05	1.3	12.0	4
4240138	4240138	39	0.43	1.0	2	2.63	55	5	1	17	160	213	0.76	2.4	18.0	16

Appendix 1. Field and Lithochemical Data. Note that values of "-.99" indicate no data available

LabNum	FieldNum	Li2_ppm	Lul_ppm	Mo1_ppm	Mo2_ppm	Na1_percent	Nb2_ppm	Ni1_ppm	Ni2_ppm	Pb2_ppm	Rb1_ppm	Rb2_ppm	Sb1_ppm	Scl_ppm	Sm1_ppm	Sn10_ppm
4240141	4240141	37	0.38	1.0	3	2.38	47	5	1	52	130	181	0.05	4.1	19.0	17
4240142	4240142	6	0.63	1.0	3	2.00	56	5	1	16	160	217	0.05	2.2	15.0	11
4240143	4240143	44	0.51	1.0	5	2.93	62	5	1	37	160	186	0.05	5.0	24.1	14
4240144	4240144	26	0.26	1.0	3	2.95	34	5	1	16	100	116	0.05	1.8	20.5	9
4240145	4240145	11	0.30	1.0	6	2.94	55	14	1	32	110	127	0.63	2.5	15.0	30
4240146	4240146	38	0.36	1.0	3	2.61	51	5	1	14	170	205	0.05	2.2	24.5	11
4240147	4240147	53	0.49	1.0	8	3.04	70	5	1	30	160	195	0.05	1.9	19.0	12
4240148	4240148	56	0.68	1.0	3	3.09	86	5	1	40	160	210	0.05	1.5	33.6	18
4240149	4240149	23	0.32	1.0	4	2.96	34	5	1	26	92	131	0.05	2.4	24.0	11
4240150	4240150	52	0.76	1.0	9	2.96	93	5	1	44	170	236	0.05	1.6	32.3	17
4240151	4240151	48	0.45	6.9	12	2.93	49	5	1	17	100	132	0.05	1.5	22.5	6
4240152	4240152	51	0.60	1.0	9	2.98	59	5	1	28	170	219	0.05	1.4	25.4	14
4240153	4240153	51	0.51	2.4	10	3.04	70	5	1	32	150	204	0.05	2.1	23.1	18
4240154	4240154	51	0.51	1.0	5	2.84	69	5	1	33	170	212	0.05	2.1	26.0	14
4240155	4240155	52	0.52	1.0	7	2.99	71	5	1	35	140	205	0.05	2.1	24.4	14
4240156	4240156	51	0.45	2.6	9	3.03	66	5	1	28	160	213	0.05	1.3	20.0	15
4240157	4240157	39	0.56	5.5	9	3.03	65	5	1	23	160	208	0.05	0.9	14.0	12
4240158	4240158	51	0.64	1.0	7	3.11	77	5	1	25	160	199	0.05	2.1	23.1	15
4240161	4240161	50	0.87	1.0	4	2.26	96	5	1	19	180	214	0.05	1.6	26.3	19
4240162	4240162	39	0.43	1.0	6	2.58	58	5	1	32	150	190	0.73	1.9	20.8	15
4240163	4240163	54	0.60	1.0	4	2.74	96	5	1	27	150	196	0.05	2.3	33.3	17
4240164	4240164	50	0.30	4.4	7	2.84	44	5	1	12	150	176	0.05	0.8	10.0	7
4240165	4240165	139	0.56	1.0	4	2.59	50	24	1	21	300	392	0.05	0.5	16.0	15
4240166	4240166	38	0.58	11.0	15	2.49	31	5	1	31	130	182	0.05	0.7	19.0	7
4240167	4240167	21	0.20	1.0	5	2.60	18	5	1	19	93	111	0.05	10.0	13.0	1
4240168	4240168	56	0.61	1.0	4	2.80	62	17	1	34	77	122	0.05	1.3	28.3	15
4240169	4240169	21	0.08	3.1	4	2.51	18	5	1	10	80	121	0.05	0.9	8.4	8
4240170	4240170	34	0.41	1.0	3	2.74	59	5	1	11	130	174	0.05	1.6	23.9	12
4240171	4240171	27	0.20	1.0	3	2.84	29	5	1	13	110	148	0.05	1.0	19.0	5
4240172	4240172	32	0.36	1.0	4	2.56	31	5	1	22	110	140	0.05	0.6	12.0	5
4240173	4240173	21	0.08	1.0	4	3.16	34	5	1	11	82	92	0.05	1.9	19.0	6
4240174	4240174	34	0.23	1.0	3	2.93	25	5	1	16	100	134	0.75	0.5	19.0	8
4240175	4240175	21	0.26	1.0	4	3.20	45	5	1	19	74	115	0.05	2.9	21.9	8
4240176	4240176	15	0.02	1.0	3	3.03	19	13	1	8	60	84	0.05	2.3	15.0	6
4240177	4240177	23	0.11	1.0	5	3.04	27	17	1	20	98	129	0.05	8.6	17.0	5
4240178	4240178	22	0.20	1.0	4	3.02	34	5	1	13	95	128	0.05	2.6	22.8	4
4240181	4240181	23	0.04	1.0	3	2.56	32	5	1	15	81	106	0.05	2.1	19.0	7
4240182	4240182	25	0.04	3.1	5	3.25	32	5	1	12	51	71	0.05	11.0	15.0	5
4240183	4240183	19	0.15	1.0	3	2.46	23	5	1	18	110	167	0.05	0.6	9.2	11
4240184	4240184	54	0.65	5.2	4	3.15	76	5	1	43	180	235	0.05	0.6	26.9	19
4240185	4240185	85	0.30	1.0	4	2.88	40	5	1	8	160	230	0.93	0.7	28.6	10
4240186	4240186	31	0.02	2.9	3	2.73	31	5	1	10	100	145	0.05	0.5	11.0	9
4240187	4240187	32	0.18	4.7	5	3.41	40	5	1	16	77	96	0.05	10.0	16.0	7
4240188	4240188	21	0.20	3.4	4	3.41	38	5	1	11	59	74	0.05	13.0	15.0	2
4240189	4240189	21	0.04	5.8	6	3.29	37	5	1	11	57	76	0.05	14.0	16.0	7
4240190	4240190	28	0.45	1.0	3	2.80	28	5	1	22	100	130	0.05	0.8	19.0	6
4240191	4240191	32	0.15	1.0	5	2.74	31	5	1	11	110	146	0.05	1.3	18.0	9
4240192	4240192	41	0.30	1.0	3	2.95	41	5	1	40	120	155	0.05	1.3	23.0	11
4240193	4240193	52	0.53	1.0	8	2.95	59	5	1	43	120	178	0.05	0.9	34.4	12
4240194	4240194	23	0.49	1.0	3	2.89	31	5	1	21	100	139	0.05	1.2	18.0	10

Appendix 1. Field and Lithochemical Data. Note that values of "-.99" indicate no data available

LabNum	FieldNum	Li2_ppm	Lul_ppm	Mo1_ppm	Mo2_ppm	Na1_percent	Nb2_ppm	Ni1_ppm	Ni2_ppm	Pb2_ppm	Rb1_ppm	Rb2_ppm	Sb1_ppm	Scl_ppm	Sm1_ppm	Sn10_ppm
4240195	4240195	35	0.46	4.1	7	3.25	51	5	1	22	88	130	0.05	1.9	31.0	11
4240196	4240196	47	0.46	1.0	3	2.84	42	5	1	23	110	161	0.05	1.2	21.3	10
4240197	4240197	50	0.43	1.0	4	3.23	43	5	1	29	120	166	0.05	2.0	21.8	9
4240198	4240198	34	0.34	6.8	7	3.80	28	5	1	17	72	102	0.05	16.0	16.0	8
4240201	4240201	41	0.32	7.0	13	2.33	41	5	1	21	110	142	0.05	1.5	28.0	10
4240202	4240202	36	0.28	1.0	5	2.69	34	5	1	20	110	140	0.05	1.1	15.0	7
4240203	4240203	38	0.36	1.0	5	2.84	28	5	1	20	130	175	0.05	1.0	24.0	8
4240204	4240204	29	0.60	1.0	4	2.56	34	5	1	43	160	210	0.05	0.8	26.6	11
4240205	4240205	35	0.23	1.0	3	2.88	34	5	1	23	94	116	0.05	1.3	28.6	10
4240206	4240206	34	0.46	1.0	4	2.44	30	5	1	22	130	191	0.05	1.1	21.1	11
4240207	4240207	29	0.73	1.0	5	2.64	57	5	1	32	160	208	0.05	2.1	17.0	14
4240208	4240208	18	0.60	1.0	4	2.70	65	5	1	45	150	207	0.05	2.5	19.0	16
4240209	4240209	20	0.34	2.5	6	3.37	42	5	1	63	97	127	0.05	12.0	21.9	8
4240210	4240210	28	0.26	1.0	2	2.35	50	5	1	16	140	188	0.53	0.8	20.0	9
4240211	4240211	36	0.57	1.0	5	2.59	56	5	1	18	170	223	0.05	2.0	11.0	11
4240212	4240212	50	0.36	1.0	3	2.79	43	5	1	44	120	154	0.05	1.1	25.6	11
4240213	4240213	23	0.52	1.0	4	2.54	40	5	1	23	130	177	0.91	1.1	21.0	12
4240214	4240214	35	0.45	1.0	4	2.58	29	5	1	24	140	193	0.05	1.2	20.1	7
4240215	4240215	18	0.48	1.0	4	2.77	39	5	1	23	130	179	0.05	1.4	20.0	8
4240216	4240216	39	0.48	1.0	4	2.86	61	5	1	28	140	181	0.05	2.2	34.6	7
4240217	4240217	80	0.53	1.0	10	3.19	62	5	1	13	150	211	0.65	3.3	29.4	15
4240218	4240218	62	0.59	1.0	5	3.33	65	5	1	35	160	195	0.05	1.8	26.6	11
4240221	4240221	50	0.43	1.0	4	2.47	45	5	1	23	120	159	0.05	0.9	24.3	13
4240222	4240222	85	0.53	1.0	9	2.98	76	5	3	38	150	226	0.05	1.3	22.1	14
4240223	4240223	32	0.36	1.0	4	2.91	42	5	1	20	120	141	0.05	4.8	25.2	9
4240224	4240224	36	0.04	2.5	5	2.78	31	5	1	13	120	148	0.05	1.0	9.0	9
4240225	4240225	30	0.38	4.1	8	3.55	52	5	1	30	140	181	0.05	4.2	21.0	12
4240226	4240226	16	0.28	1.0	3	2.55	28	5	2	12	85	111	0.05	0.6	15.0	10
4240227	4240227	38	0.32	1.0	5	3.14	50	5	1	34	110	186	0.72	3.2	20.0	13
4240228	4240228	74	0.45	4.8	10	2.85	47	5	1	164	150	206	0.05	2.2	16.0	15
4240229	4240229	40	0.23	1.0	2	2.66	38	5	1	16	140	214	0.05	0.9	19.0	11
4240230	4240230	12	0.57	1.0	3	2.51	58	5	1	47	150	211	0.05	2.1	20.9	26
4240231	4240231	25	0.40	1.0	3	2.67	47	5	1	16	140	192	0.05	1.1	17.0	10
4240232	4240232	20	0.08	1.0	2	2.59	25	5	1	21	110	159	0.05	1.7	16.0	7
4240233	4240233	30	0.38	1.0	2	2.34	29	5	1	16	130	203	0.05	0.9	17.0	8
4240234	4240234	26	0.15	1.0	4	2.80	29	5	1	10	110	144	0.05	1.3	19.0	4
4240235	4240235	60	0.28	1.0	3	2.44	45	5	1	17	120	172	0.05	2.9	19.0	9
4240236	4240236	23	0.36	1.0	3	2.71	38	5	1	25	140	189	0.05	2.3	19.0	10
4240237	4240237	40	0.18	2.4	7	3.58	33	5	1	21	88	112	0.05	12.0	16.0	6
4240238	4240238	68	0.56	1.0	6	3.03	66	5	1	18	150	188	0.05	0.9	33.0	14
4240241	4240241	20	0.49	1.0	4	2.35	50	5	1	35	160	195	0.05	2.3	19.0	11
4240242	4240242	77	0.58	1.0	6	2.98	77	5	1	32	170	217	0.05	1.2	26.4	18
4240243	4240243	80	0.61	1.0	5	2.78	70	5	1	31	210	241	0.12	0.8	26.9	21
4240244	4240244	14	0.18	2.2	6	3.05	28	5	1	24	100	126	0.05	1.2	13.0	7
4240245	4240245	12	0.08	1.0	3	2.85	28	5	1	12	91	121	0.05	0.8	18.0	5
4240246	4240246	58	0.36	1.0	3	3.65	51	5	1	25	140	168	0.05	1.0	20.7	8
4240247	4240247	40	0.28	1.0	3	3.56	43	5	1	22	120	142	0.05	1.4	18.0	8
4240248	4240248	46	0.73	3.5	9	2.68	92	5	1	97	140	178	0.05	0.5	25.0	25
4240249	4240249	69	0.61	8.0	15	3.69	72	5	1	42	200	232	0.05	1.5	26.9	20
4240250	4240250	51	0.45	1.0	4	3.63	50	5	1	43	150	177	0.05	1.4	20.7	8

Appendix 1. Field and Lithochemical Data. Note that values of "-.99" indicate no data available

LabNum	FieldNum	Li2_ppm	Lul_ppm	Mo1_ppm	Mo2_ppm	Na1_percent	Nb2_ppm	Ni1_ppm	Ni2_ppm	Pb2_ppm	Rb1_ppm	Rb2_ppm	Sb1_ppm	Sc1_ppm	Sm1_ppm	Sn10_ppm
4240251	4240251	57	0.59	1.0	3	3.10	73	5	1	30	170	208	0.05	1.2	25.5	15
4240252	4240252	34	0.61	1.0	3	4.54	86	5	1	11	130	147	0.05	1.3	35.7	14
4240253	4240253	68	0.40	1.0	7	3.81	66	5	1	34	170	202	0.05	2.2	24.6	13
4240254	4240254	69	0.58	1.0	9	3.76	67	5	1	39	180	227	0.05	1.4	26.6	15
4240255	4240255	81	0.66	1.0	12	3.96	82	5	1	65	190	228	0.05	2.0	30.1	14
4240256	4240256	38	0.32	1.0	6	3.16	41	5	1	32	140	166	0.05	1.1	23.2	10
4240257	4240257	51	0.61	1.0	3	3.28	66	5	1	11	190	222	0.05	2.9	22.0	14
4240258	4240258	42	0.43	1.0	4	3.19	42	5	1	29	170	201	0.05	1.1	21.8	14
4240261	4240261	12	0.34	1.0	5	2.26	26	5	1	26	120	151	0.05	1.8	23.1	5
4240262	4240262	61	0.49	1.0	4	2.93	45	5	1	450	160	199	0.05	0.8	23.9	13
4240263	4240263	43	0.53	1.0	5	2.98	41	5	1	32	170	203	0.05	1.3	22.7	9
4240264	4240264	41	0.36	1.0	6	3.04	38	5	1	41	150	200	0.05	1.0	21.6	12
4240265	4240265	13	0.28	1.0	5	2.98	26	5	1	15	130	153	0.05	1.3	25.1	4
4240266	4240266	36	0.20	1.0	4	3.35	34	5	1	24	120	144	1.00	1.6	22.9	9
4240267	4240267	10	0.52	1.0	6	3.07	18	5	1	36	150	150	0.05	1.3	20.3	5
4240268	4240268	40	0.41	1.0	5	3.42	46	5	1	15	110	139	0.05	2.0	30.3	7
4240269	4240269	48	0.40	1.0	6	3.35	44	5	1	17	120	151	0.05	1.9	26.6	8
4240270	4240270	44	0.28	1.0	4	3.39	33	5	1	12	120	155	0.05	1.6	19.0	8
4240271	4240271	46	0.40	1.0	4	3.58	56	5	1	22	150	161	0.05	2.0	25.7	8
4240272	4240272	22	0.30	1.0	5	3.16	30	5	1	6	130	140	0.05	1.4	20.4	1
4240273	4240273	50	0.49	1.0	7	3.14	39	5	1	16	180	195	0.05	1.2	18.0	12
4240274	4240274	33	0.36	1.0	5	3.48	35	5	1	16	120	143	0.05	1.9	20.8	7
4240275	4240275	37	0.49	1.0	3	3.34	43	5	1	12	170	185	0.05	0.4	16.0	13
4240276	4240276	51	0.40	1.0	7	4.49	46	5	1	23	150	180	0.05	1.7	20.5	10
4240277	4240277	44	0.36	1.0	5	5.54	39	5	1	19	140	163	0.05	3.1	16.0	11
4240278	4240278	20	0.32	1.0	6	8.73	26	5	1	18	96	102	0.05	5.7	22.8	10
4240281	4240281	32	0.26	1.0	5	2.55	37	5	1	18	110	121	0.05	1.4	12.0	5
4240282	4240282	29	0.20	1.0	5	3.14	32	5	1	33	100	110	0.55	4.1	18.0	6
4240283	4240283	21	0.41	1.0	5	2.97	30	5	1	23	130	143	0.05	4.1	14.0	6
4240284	4240284	40	0.36	1.0	5	3.29	40	5	1	16	120	116	0.77	1.8	28.3	6
4240285	4240285	65	0.43	1.0	5	3.64	40	5	1	44	130	138	0.05	1.5	25.2	12
4240286	4240286	25	0.58	1.0	3	4.05	54	5	1	5	170	197	0.55	2.6	21.3	13
4240287	4240287	24	0.53	1.0	3	2.90	56	5	1	16	200	212	0.05	2.4	17.0	14
4240288	4240288	51	0.92	1.0	3	3.24	164	5	1	34	270	307	0.05	1.0	56.9	33
4240289	4240289	34	0.41	1.0	4	2.86	59	5	1	16	160	175	0.05	2.6	15.0	12
4240290	4240290	19	0.46	1.0	3	2.81	66	5	1	39	200	240	0.05	1.5	9.3	14
4240291	4240291	15	0.52	1.0	3	3.03	54	5	1	18	190	215	0.05	1.1	17.0	12
4240292	4240292	24	0.28	1.0	3	3.28	34	5	1	11	150	165	0.05	1.8	16.0	9
4240293	4240293	22	0.34	1.0	4	3.18	55	5	1	19	180	197	0.05	2.8	17.0	11
4240294	4240294	23	0.20	1.0	4	3.43	31	5	1	10	150	159	0.05	2.8	18.0	11
4240295	4240295	24	0.34	1.0	8	4.27	44	5	1	15	90	101	0.05	13.0	18.0	8
4240296	4240296	46	0.36	1.0	7	4.42	67	5	1	35	160	166	0.05	3.1	20.0	14
4240297	4240297	48	0.64	1.0	6	4.07	87	5	1	61	180	185	0.05	3.9	22.0	20
4240298	4240298	51	0.65	1.0	6	5.75	81	5	1	37	180	196	0.05	3.3	22.9	15
4240301	4240301	50	0.56	1.0	7	2.61	72	5	1	38	200	214	0.05	1.8	27.2	13
4240302	4240302	57	0.56	1.0	7	3.01	72	5	1	25	170	185	0.05	1.6	25.1	15
4240303	4240303	51	0.58	7.2	16	3.46	95	5	1	45	180	215	0.05	2.2	26.8	19
4240304	4240304	54	0.59	1.0	4	3.50	81	5	1	30	190	215	0.05	2.2	31.7	18
4240305	4240305	20	0.15	1.0	8	3.95	55	11	1	12	84	96	0.05	10.0	15.0	6
4240306	4240306	50	0.53	1.0	4	3.06	62	5	1	30	180	202	0.05	2.3	24.7	17

Appendix 1. Field and Lithochemical Data. Note that values of "-.99" indicate no data available

LabNum	FieldNum	Li2_ppm	Lul_ppm	Mo1_ppm	Mo2_ppm	Na1_percent	Nb2_ppm	Ni1_ppm	Ni2_ppm	Pb2_ppm	Rb1_ppm	Rb2_ppm	Sb1_ppm	Scl_ppm	Sm1_ppm	Sn10_ppm
4240307	4240307	48	0.65	1.0	7	3.33	81	5	1	30	210	135	0.05	1.9	22.3	20
4240308	4240308	43	0.38	1.0	6	3.39	33	5	1	16	170	199	0.05	1.5	27.5	15
4240309	4240309	28	0.36	1.0	4	3.05	60	5	1	23	140	162	0.05	1.6	24.7	10
4240310	4240310	62	0.60	1.0	8	3.46	64	5	1	28	170	206	0.05	2.1	27.0	12
4240311	4240311	43	0.52	1.0	10	3.91	81	5	1	29	130	162	0.05	11.0	26.8	14
4240312	4240312	47	0.52	1.0	5	3.68	63	5	1	17	150	182	0.93	4.5	26.3	12
4240313	4240313	50	0.48	1.0	4	3.58	80	5	1	26	130	159	0.59	4.0	25.4	13
4240314	4240314	22	0.49	1.0	2	3.24	60	5	1	13	230	249	0.05	1.1	17.0	16
4240315	4240315	24	0.43	1.0	3	3.11	52	5	1	14	170	177	0.05	2.7	19.0	11
4240316	4240316	23	0.08	2.9	9	4.23	30	5	1	12	75	93	0.05	20.0	17.0	9
4240317	4240317	72	0.70	1.0	9	3.30	96	5	1	46	210	228	0.71	1.5	31.6	24
4240318	4240318	189	1.00	1.0	3	3.58	168	5	1	59	430	461	0.05	0.5	7.3	40
4240321	4240321	179	0.71	1.0	2	1.60	65	5	1	178	270	213	0.05	0.5	41.8	25
4240322	4240322	19	0.02	1.0	5	3.21	9	19	15	2	22	25	0.05	17.0	8.0	4
4240323	4240323	28	0.36	1.0	2	2.68	54	5	1	16	150	188	0.05	2.8	19.0	11
4240324	4240324	27	0.53	1.0	3	3.05	43	5	1	30	150	175	0.05	2.5	18.0	12
4240325	4240325	41	0.46	1.0	3	3.14	44	5	1	17	160	174	0.72	2.7	19.0	11
4240326	4240326	64	0.46	1.0	3	3.24	57	5	1	21	160	193	0.05	3.0	20.6	11
4240327	4240327	22	0.60	1.0	3	2.94	58	5	1	32	150	183	0.05	2.6	22.4	14
4240328	4240328	55	0.65	1.0	3	2.96	76	5	1	35	230	276	0.05	1.3	18.0	18
4240329	4240329	28	0.85	1.0	2	4.70	132	5	1	16	140	153	0.89	1.7	41.8	19
4240330	4240330	34	0.54	1.0	3	3.13	53	5	1	18	180	216	0.05	1.3	17.0	16
4240331	4240331	61	0.61	2.1	9	3.42	74	5	1	51	210	236	0.05	1.8	24.6	17
4240332	4240332	35	0.34	1.0	3	2.86	53	5	1	17	170	208	0.05	2.1	18.0	7
4240333	4240333	43	0.56	1.0	4	3.11	42	5	1	21	160	184	0.05	2.6	20.5	11
4240334	4240334	22	0.54	1.0	3	2.88	56	5	1	48	180	216	0.05	2.7	17.0	16
4240335	4240335	31	0.43	1.0	3	4.54	66	5	1	5	160	194	0.05	3.9	25.8	16
4240336	4240336	40	0.59	1.0	12	2.85	94	5	1	82	190	226	0.11	3.8	34.4	20
4240337	4240337	53	0.40	1.0	2	2.93	79	5	1	23	190	224	0.10	1.7	19.0	19
4240338	4240338	39	0.28	1.0	8	3.41	54	5	1	13	140	164	0.05	3.6	25.0	11
4240341	4240341	39	0.18	1.0	6	2.80	53	5	1	15	130	151	0.05	2.5	22.2	8
4240342	4240342	60	0.52	1.0	5	2.93	69	5	1	21	150	182	0.05	2.4	24.9	12
4240343	4240343	33	0.20	1.0	5	3.36	50	5	1	9	130	150	0.05	3.0	18.0	9
4240344	4240344	25	0.08	1.0	5	3.21	34	5	1	15	100	135	0.05	2.3	18.0	5
4240345	4240345	24	0.08	1.0	6	2.99	24	5	1	7	110	136	0.05	1.6	12.0	3
4240346	4240346	25	0.26	1.0	6	3.11	31	5	1	12	140	169	0.05	2.4	17.0	7
4240347	4240347	37	0.40	1.0	7	3.09	42	5	1	16	140	164	0.05	1.4	18.0	8
4240348	4240348	34	0.41	1.0	3	5.09	123	5	1	5	72	73	0.05	17.0	11.0	26
4240349	4240349	45	0.34	1.0	3	3.11	56	5	1	9	150	181	0.21	0.8	5.6	6
4240350	4240350	24	0.38	1.0	6	3.29	64	5	1	17	160	182	0.05	2.4	17.0	12
4240351	4240351	25	0.02	1.0	6	4.26	29	5	1	9	120	134	0.05	15.0	12.0	5
4240352	4240352	29	0.56	1.0	3	3.05	58	5	1	20	180	210	0.42	2.2	14.0	14
4240353	4240353	59	0.59	1.0	3	3.08	82	5	1	23	190	214	0.05	2.1	25.4	18
4240354	4240354	36	0.46	1.0	6	3.05	58	5	1	21	160	183	0.05	2.8	20.0	10
4240355	4240355	30	0.36	1.0	7	3.07	49	5	1	38	160	187	0.05	3.1	19.0	16
4240356	4240356	39	0.49	5.7	10	3.06	58	5	1	25	150	187	0.05	3.1	20.0	14
4240357	4240357	36	0.41	1.0	8	3.27	64	5	1	19	170	179	0.05	3.5	22.2	11
4240358	4240358	47	0.61	1.0	5	2.84	78	5	1	24	170	218	0.05	1.7	19.0	17
4240361	4240361	53	0.38	2.9	8	2.42	58	5	1	26	160	191	0.05	2.5	16.0	14
4240362	4240362	27	0.18	1.0	4	2.82	50	5	1	20	110	137	0.05	3.1	18.0	8

Appendix 1. Field and Lithochemical Data. Note that values of "-.99" indicate no data available

LabNum	FieldNum	Li2_ppm	Lul_ppm	Mo1_ppm	Mo2_ppm	Na1_percent	Nb2_ppm	Ni1_ppm	Ni2_ppm	Pb2_ppm	Rb1_ppm	Rb2_ppm	Sb1_ppm	Scl_ppm	Sm1_ppm	Sn10_ppm
4240363	4240363	27	0.15	1.0	10	3.19	40	5	26	6	61	62	0.05	19.0	24.8	7
4240364	4240364	48	0.52	1.0	9	3.13	76	5	1	24	150	175	0.05	4.4	23.0	14
4240365	4240365	27	0.38	1.0	4	3.10	41	5	1	13	150	189	0.05	2.3	13.0	10
4240366	4240366	29	0.54	1.0	4	2.89	50	5	1	28	190	225	0.05	2.1	15.0	14
4240367	4240367	33	0.40	2.5	7	3.85	62	5	1	18	95	135	0.05	5.9	18.0	9
4240368	4240368	37	0.38	1.0	6	4.08	74	5	1	22	110	142	0.05	6.9	25.1	12
4240369	4240369	23	0.63	1.0	4	2.96	62	5	1	40	190	218	0.05	2.9	20.6	13
4240370	4240370	41	0.32	1.0	4	3.34	31	5	1	19	180	205	0.05	2.1	15.0	9
4240371	4240371	30	0.46	1.0	4	2.96	58	5	1	22	180	220	0.05	2.6	17.0	15
4240372	4240372	22	0.63	1.0	3	2.84	66	5	1	31	190	219	0.05	1.1	21.0	13
4240373	4240373	18	0.53	1.0	3	2.80	58	5	1	24	190	246	0.05	1.2	16.0	15
4240374	4240374	19	0.36	1.0	5	3.24	41	5	1	15	160	179	0.05	2.4	16.0	10
4240375	4240375	69	0.63	1.0	3	3.37	67	5	1	30	230	262	0.05	2.0	17.0	15
4240376	4240376	25	0.49	1.0	3	3.10	58	5	1	22	190	213	0.05	2.8	15.0	17
4240377	4240377	33	0.52	1.0	4	3.12	55	5	1	17	170	209	0.05	2.7	17.0	14
4240378	4240378	60	0.23	1.0	3	3.01	60	5	1	20	190	225	0.05	1.9	18.0	16
4240381	4240381	33	0.40	1.0	6	2.65	52	5	1	16	150	167	0.05	2.7	20.9	7
4240382	4240382	45	0.43	1.0	5	2.86	62	5	1	31	140	186	0.05	1.9	20.3	11
4240383	4240383	38	0.54	1.0	5	3.07	72	5	1	29	160	189	0.05	3.2	19.0	14
4240384	4240384	43	0.58	1.0	7	2.90	72	5	1	19	180	203	0.87	2.2	22.0	14
4240385	4240385	47	0.48	12.0	2	3.14	73	5	1	49	160	179	0.05	2.8	20.9	14
4240386	4240386	45	0.36	1.0	3	2.97	62	5	1	20	180	214	0.05	1.9	16.0	10
4240387	4240387	35	0.34	1.0	3	3.02	70	5	1	16	140	171	0.05	4.1	23.4	12
4240388	4240388	31	0.48	1.0	3	2.98	52	5	1	21	160	180	0.05	2.5	21.5	14
4240389	4240389	39	0.62	1.0	4	3.03	58	5	1	22	160	204	0.49	2.1	16.0	16
4240390	4240390	25	0.63	1.0	4	2.97	58	5	1	22	180	201	0.05	2.4	16.0	11
4240391	4240391	16	0.57	1.0	6	2.50	53	5	1	45	220	242	0.05	1.0	17.0	17
4240392	4240392	27	0.45	1.0	7	3.03	47	5	1	26	180	208	0.53	1.6	17.0	7
4240393	4240393	43	0.54	1.0	4	3.07	56	5	1	22	190	217	0.05	1.2	17.0	13
4240394	4240394	19	0.28	1.0	5	2.96	32	5	1	12	170	196	0.05	1.3	17.0	6
4240395	4240395	130	0.36	1.0	3	2.76	68	5	1	8	190	228	0.05	0.3	4.6	13
4240396	4240396	49	0.38	1.0	6	3.09	52	5	1	17	210	250	0.05	1.3	14.0	12
4240397	4240397	38	0.49	1.0	8	3.00	57	5	1	19	210	232	0.05	1.3	15.0	7
4240398	4240398	20	0.72	1.0	5	0.30	13	27	16	14	330	360	0.58	8.3	7.8	7
4240401	4240401	32	0.62	1.0	4	2.88	63	5	1	39	140	173	0.05	2.3	15.0	15
4240402	4240402	21	0.53	1.0	4	2.69	57	5	1	26	170	193	0.05	2.0	17.0	12
4240403	4240403	21	0.67	1.0	4	2.80	60	5	1	37	190	197	0.28	2.5	18.0	22
4240404	4240404	20	0.54	1.0	4	2.87	62	5	1	26	180	205	0.05	2.3	18.0	13
4240405	4240405	20	0.58	1.0	4	2.78	57	5	1	16	180	213	0.05	2.4	20.2	15
4240406	4240406	23	0.49	1.0	4	2.93	54	5	1	22	190	221	0.05	2.7	15.0	10
4240407	4240407	22	0.56	1.0	5	3.10	58	5	1	12	170	181	0.05	2.7	18.0	14
4240408	4240408	16	0.46	1.0	4	2.86	53	5	1	11	150	174	0.05	2.6	18.0	12
4240409	4240409	51	0.02	1.0	2	1.10	7	5	7	13	12	13	0.05	8.8	3.4	8
4240410	4240410	25	0.36	1.0	4	3.01	44	5	1	16	180	197	0.05	2.2	15.0	11
4240411	4240411	22	0.32	1.0	5	3.07	48	5	1	8	160	179	0.05	2.6	16.0	11
4240412	4240412	64	0.04	1.0	3	3.18	30	5	1	5	230	279	0.05	0.6	10.0	4

Appendix 1. Field and Lithochemical Data. Note that values of "-.99" indicate no data available

LabNum	FieldNum	Sr2_ppm	Ta1_ppm	Tb1_ppm	Th1_ppm	Th2_ppm	U1_ppm	U8_ppm	W10_ppm	Y2_ppm	Yb1_ppm	Zn1_ppm	Zn2_ppm	Zr1_ppm	Zr2_ppm	Zr_fus_ppm
4240023	4240023	7	5.9	1.5	58.0	53	3.7	3.5	6	56	12.00	140	95	100	457	536
4240024	4240024	9	2.8	1.4	15.0	14	2.0	2.0	2	36	5.40	25	86	460	258	511
4240025	4240025	97	2.0	1.8	12.0	9	1.2	1.2	2	60	7.40	120	145	570	135	1247
4240026	4240026	19	2.6	2.2	24.1	19	3.9	4.0	5	67	8.10	25	106	1000	535	1054
4240027	4240027	19	3.1	2.4	16.0	13	2.7	2.6	6	72	8.20	110	92	510	263	717
4240033	4240033	25	2.8	2.1	16.0	15	2.2	2.1	4	46	7.60	110	162	620	210	710
4240034	4240034	45	5.2	3.9	26.8	25	3.9	4.0	1	103	14.00	200	156	1200	370	1296
4240035	4240035	43	3.5	2.9	20.9	18	2.6	2.6	6	76	11.00	220	150	1200	270	1412
4240036	4240036	290	4.6	2.2	29.8	27	1.2	1.3	3	59	5.80	140	108	650	144	794
4240037	4240037	10	5.6	3.7	27.0	22	2.4	2.4	9	116	12.00	210	146	1200	1112	1163
4240038	4240038	24	1.9	1.0	12.0	6	1.3	1.5	2	30	4.60	25	70	500	167	639
4240041	4240041	19	3.6	2.8	18.0	16	2.9	2.8	8	71	7.00	25	96	770	400	1297
4240042	4240042	18	3.1	1.2	21.4	19	2.3	2.1	1	48	5.90	25	94	350	247	574
4240043	4240043	21	3.5	1.7	18.0	16	2.2	2.4	5	55	7.90	25	96	600	315	771
4240044	4240044	7	3.6	1.8	13.0	11	1.7	1.9	3	56	7.20	25	75	410	434	845
4240045	4240045	21	3.5	2.5	20.0	20	2.9	3.0	4	74	8.90	130	158	750	362	1048
4240046	4240046	13	2.8	2.1	14.0	12	1.8	2.2	3	64	7.90	25	113	580	253	1075
4240047	4240047	20	2.6	2.6	14.0	9	1.7	1.8	7	69	7.50	160	93	580	200	1078
4240048	4240048	30	3.5	3.5	43.1	41	1.9	2.1	7	123	17.00	120	135	1100	230	1156
4240049	4240049	18	2.5	2.4	14.0	13	1.9	1.9	3	70	6.50	25	75	860	176	863
4240050	4240050	16	3.4	3.5	33.7	31	3.0	3.0	8	113	15.00	25	126	720	231	1117
4240051	4240051	7	7.3	2.4	28.2	25	4.4	4.3	10	65	20.00	210	347	1400	776	1720
4240052	4240052	9	3.3	2.9	13.0	8	2.1	1.9	7	64	9.10	25	123	660	302	1099
4240053	4240053	13	1.4	1.8	6.4	5	0.9	0.7	3	37	4.50	25	97	1000	264	1288
4240054	4240054	17	3.7	1.1	19.0	18	2.4	2.1	4	35	6.80	25	87	810	250	683
4240055	4240055	18	7.0	4.2	36.4	34	5.7	5.4	12	142	18.00	25	143	1300	703	1244
4240056	4240056	33	3.1	2.5	13.0	13	1.7	1.6	4	63	9.00	25	86	750	151	898
4240057	4240057	7	2.4	1.6	11.0	9	1.5	1.3	6	36	6.10	25	107	940	340	1162
4240058	4240058	7	1.5	0.6	6.2	5	1.1	0.9	3	20	2.90	25	46	100	166	330
4240061	4240061	19	2.4	2.9	10.0	8	1.1	1.2	4	69	7.10	150	144	920	289	1122
4240063	4240063	166	2.0	1.2	11.0	12	1.3	1.5	3	43	3.90	140	89	100	119	546
4240064	4240064	8	3.2	3.8	18.0	15	3.1	3.0	9	114	14.00	130	142	1100	912	1191
4240065	4240065	11	2.8	2.3	10.0	8	1.3	1.5	5	55	7.20	25	102	970	384	623
4240066	4240066	16	3.1	2.6	17.0	17	2.5	2.6	8	64	7.10	25	95	800	386	639
4240067	4240067	10	3.1	1.9	16.0	17	2.4	2.5	5	54	7.60	25	131	100	312	786
4240068	4240068	13	3.5	2.8	20.2	14	2.0	2.1	2	62	8.40	25	86	430	201	903
4240069	4240069	14	4.4	2.3	20.0	19	2.7	2.9	7	54	7.90	25	92	470	302	780
4240070	4240070	14	4.1	2.8	24.5	23	2.9	2.6	5	74	10.00	25	165	770	476	921
4240071	4240071	17	4.9	3.1	19.0	17	2.3	2.6	1	75	11.00	25	140	710	412	1269
4240072	4240072	63	5.6	5.8	21.3	17	2.9	3.2	7	132	16.00	180	162	1900	562	1695
4240073	4240073	62	6.0	5.6	22.7	19	3.5	3.6	7	154	19.00	330	172	2500	641	2148
4240074	4240074	37	6.1	5.3	29.0	28	4.4	3.9	11	154	17.00	25	174	1700	698	1335
4240075	4240075	16	3.6	2.8	19.0	18	2.8	2.6	5	68	10.00	25	115	100	637	799
4240076	4240076	123	4.5	4.0	12.0	11	2.3	2.5	8	102	11.00	240	187	1500	202	1885
4240077	4240077	18	6.8	3.4	36.2	35	5.0	4.7	5	112	11.00	25	182	920	487	1062
4240078	4240078	9	5.0	2.7	23.0	23	4.2	3.8	3	89	10.00	25	114	760	373	740
4240081	4240081	16	3.2	3.3	13.0	15	2.3	2.5	13	101	7.10	150	179	980	576	653
4240082	4240082	10	6.1	4.2	30.5	29	4.9	5.6	8	139	12.00	190	171	1600	1383	1821
4240083	4240083	9	2.7	2.9	16.0	16	2.3	2.4	7	80	8.50	25	148	820	595	1079
4240084	4240084	6	1.7	3.0	13.0	13	2.2	2.2	3	70	7.80	170	150	660	539	999

Appendix 1. Field and Lithochemical Data. Note that values of ".99" indicate no data available

LabNum	FieldNum	Sr2_ppm	Ta1_ppm	Tb1_ppm	Th1_ppm	Th2_ppm	U1_ppm	U8_ppm	W10_ppm	Y2_ppm	Yb1_ppm	Zn1_ppm	Zn2_ppm	Zr1_ppm	Zr2_ppm	Zr_fus_ppm
4240085	4240085	9	6.0	4.0	29.2	32	4.8	5.0	7	138	15.00	120	196	1500	1600	2016
4240086	4240086	10	5.6	4.4	32.2	33	5.3	5.4	9	143	15.00	160	166	800	685	1504
4240087	4240087	8	2.7	1.6	12.0	11	1.4	1.6	1	40	6.00	130	123	610	319	770
4240088	4240088	6	6.9	2.7	33.9	35	4.8	5.1	7	99	11.00	110	177	1200	1486	1819
4240089	4240089	16	5.0	3.8	23.8	24	4.7	4.8	9	122	13.00	200	188	1400	1366	2247
4240090	4240090	17	4.0	3.3	21.3	22	2.4	2.4	3	93	12.00	140	158	1200	526	803
4240091	4240091	9	2.5	2.4	16.0	15	2.2	2.3	3	52	7.30	25	84	830	495	1127
4240092	4240092	8	3.5	2.4	22.4	24	3.3	4.0	2	73	8.90	25	101	790	907	1034
4240093	4240093	11	3.0	2.2	15.0	15	1.8	1.9	4	61	6.20	100	127	710	383	620
4240094	4240094	8	2.6	2.1	12.0	10	1.5	1.5	2	55	7.30	25	91	460	270	463
4240095	4240095	9	2.6	2.3	18.0	17	2.6	2.1	5	53	6.50	25	107	860	608	868
4240096	4240096	5	23.0	2.2	5.2	7	24.3	24.2	1	79	5.60	130	73	100	110	156
4240097	4240097	18	1.7	1.7	9.3	10	1.1	1.2	7	44	5.50	150	110	360	289	541
4240098	4240098	10	1.2	2.2	10.0	11	1.6	1.9	4	54	5.10	25	114	650	329	332
4240101	4240101	17	3.3	2.3	18.0	17	2.8	2.6	5	66	7.30	25	139	1000	389	1088
4240102	4240102	12	5.4	4.1	29.0	29	5.3	5.0	11	140	13.00	130	193	1300	1104	1853
4240103	4240103	17	3.0	4.5	19.0	14	3.1	3.1	13	117	15.00	160	243	1100	1185	1767
4240104	4240104	23	1.3	5.6	17.0	16	2.6	2.3	7	159	10.00	25	134	550	413	732
4240105	4240105	9	2.2	2.1	12.0	10	1.8	1.7	1	52	6.70	120	111	100	652	561
4240106	4240106	21	1.9	2.4	16.0	16	2.8	2.4	2	71	7.60	130	122	750	574	892
4240107	4240107	13	4.4	2.1	29.7	20	4.2	4.3	4	44	9.40	25	78	1400	564	1158
4240108	4240108	10	3.3	2.5	17.0	10	3.2	3.2	6	48	9.30	25	191	1000	995	1284
4240109	4240109	11	4.3	2.5	25.4	15	3.4	3.6	5	46	10.00	170	159	1200	1125	1363
4240110	4240110	18	3.8	3.0	18.0	14	2.5	1.7	3	81	8.90	180	138	770	940	769
4240111	4240111	20	1.8	2.3	9.1	8	1.0	0.9	5	47	6.20	110	101	530	371	359
4240112	4240112	7	2.1	1.2	15.0	11	1.5	1.5	5	29	3.90	25	56	370	386	630
4240113	4240113	12	1.8	1.9	11.0	9	1.4	1.5	4	48	5.80	25	87	550	411	525
4240114	4240114	15	2.7	2.2	19.0	17	2.7	2.5	8	63	7.30	110	124	740	587	1063
4240115	4240115	17	5.4	5.5	27.5	26	4.0	4.4	9	134	16.00	290	268	1800	1017	2121
4240116	4240116	16	4.0	2.9	25.3	15	3.7	3.7	6	53	9.50	120	132	1200	496	1308
4240117	4240117	22	2.8	3.3	16.0	12	2.4	2.3	6	64	10.00	25	155	1000	643	1417
4240118	4240118	23	3.1	2.3	20.2	16	3.1	2.9	3	65	7.80	25	102	100	384	716
4240121	4240121	12	2.6	2.5	22.0	19	3.4	2.9	6	67	6.90	25	127	660	548	974
4240122	4240122	9	2.1	2.1	19.0	17	1.9	2.5	3	39	6.70	25	74	490	334	901
4240123	4240123	11	1.1	1.7	11.0	10	1.1	1.2	1	36	4.60	25	81	630	154	1044
4240124	4240124	19	2.5	4.5	15.0	13	2.8	3.1	6	95	11.00	150	164	3500	397	4760
4240125	4240125	15	3.0	3.1	22.4	19	3.0	3.3	4	82	9.40	190	188	910	651	987
4240126	4240126	23	3.1	2.1	23.2	20	3.1	3.2	8	62	7.00	25	103	660	450	750
4240127	4240127	20	2.1	3.1	14.0	11	2.2	2.2	8	86	9.00	140	171	710	432	1126
4240128	4240128	8	4.9	2.9	27.1	20	3.0	3.0	7	59	10.00	25	138	950	954	1130
4240129	4240129	16	4.2	3.3	23.4	17	3.1	3.3	7	75	11.00	25	172	1300	827	1589
4240130	4240130	10	3.8	2.8	20.3	17	3.7	3.5	6	89	10.00	25	135	1400	1103	1434
4240131	4240131	24	1.7	2.3	10.0	7	1.4	1.5	3	44	4.80	25	80	380	197	-9
4240132	4240132	21	2.1	1.7	19.0	12	2.8	2.3	3	35	5.60	25	86	430	397	508
4240133	4240133	24	2.3	2.4	17.0	12	2.4	1.8	4	54	7.20	130	101	720	340	717
4240134	4240134	14	2.3	2.4	19.0	15	3.6	2.8	4	63	7.40	25	97	690	569	1093
4240135	4240135	25	3.6	2.2	22.1	19	3.4	3.5	5	64	7.40	25	99	1100	580	1054
4240136	4240136	29	1.6	2.5	17.0	14	2.8	2.5	3	55	6.20	25	85	100	264	704
4240137	4240137	16	1.8	1.7	18.0	12	1.6	2.0	8	35	4.70	210	107	800	367	745
4240138	4240138	26	3.2	2.7	24.6	13	2.8	2.7	6	52	7.70	25	111	590	430	900

Appendix 1. Field and Lithochemical Data. Note that values of "-.99" indicate no data available

LabNum	FieldNum	Sr2_ppm	Ta1_ppm	Tb1_ppm	Th1_ppm	Th2_ppm	U1_ppm	U8_ppm	W10_ppm	Y2_ppm	Yb1_ppm	Zn1_ppm	Zn2_ppm	Zr1_ppm	Zr2_ppm	Zr_fus_ppm
4240141	4240141	41	3.1	3.0	19.0	14	2.4	2.4	5	76	7.90	120	270	910	456	1919
4240142	4240142	16	3.1	1.6	23.8	16	4.2	4.3	2	47	5.90	25	57	460	571	687
4240143	4240143	47	2.8	3.7	19.0	17	3.4	3.2	6	86	10.00	180	203	1800	688	1775
4240144	4240144	20	1.8	2.4	11.0	10	1.7	1.8	5	49	6.10	170	116	390	502	594
4240145	4240145	14	2.8	1.8	20.0	11	1.9	2.0	2	27	4.20	25	117	750	285	480
4240146	4240146	18	3.5	2.7	21.3	11	2.5	2.3	5	56	7.60	25	128	730	632	592
4240147	4240147	14	4.3	2.2	21.7	11	2.8	3.1	8	51	8.30	25	132	820	935	1251
4240148	4240148	12	4.2	4.7	27.7	14	4.8	4.8	9	100	15.00	25	199	1700	1044	1583
4240149	4240149	32	1.2	3.1	18.0	12	2.1	2.1	6	66	8.10	25	140	810	161	1368
4240150	4240150	13	5.8	4.6	30.7	20	5.6	5.8	8	108	15.00	160	186	1400	1591	1991
4240151	4240151	14	2.2	2.5	22.7	15	2.4	2.8	7	49	7.60	25	173	1000	491	1101
4240152	4240152	8	3.4	3.3	19.0	14	3.6	4.0	6	85	10.00	25	142	1400	1321	1817
4240153	4240153	11	4.2	3.3	21.6	9	3.3	3.2	5	52	9.40	25	161	1400	1128	1547
4240154	4240154	11	3.8	3.2	21.4	11	3.1	3.2	7	70	10.00	25	148	1300	1029	1510
4240155	4240155	11	3.5	3.3	21.8	13	3.4	3.3	8	74	10.00	170	149	740	851	1209
4240156	4240156	11	4.1	2.5	21.8	14	2.8	2.8	5	63	10.00	25	98	730	692	1068
4240157	4240157	7	4.0	1.7	22.2	12	3.7	3.6	3	37	6.00	25	78	870	536	1353
4240158	4240158	14	4.6	3.1	26.2	16	4.4	4.4	7	60	10.00	25	145	1400	839	1765
4240161	4240161	8	5.9	4.3	31.8	23	6.9	7.4	7	121	12.00	160	193	2000	1936	2349
4240162	4240162	15	3.4	2.6	20.1	14	2.9	2.7	5	58	8.30	120	111	1100	671	1383
4240163	4240163	10	4.5	4.5	27.6	20	4.0	4.0	6	105	14.00	200	207	1400	1253	1962
4240164	4240164	7	2.1	1.4	19.0	19	2.1	2.0	5	50	7.40	120	121	100	492	798
4240165	4240165	8	2.6	2.8	26.4	21	3.9	3.6	6	78	10.00	25	100	510	483	678
4240166	4240166	8	2.1	3.2	21.5	20	3.3	3.8	9	84	8.50	110	116	620	383	655
4240167	4240167	157	1.0	1.9	11.0	10	1.6	1.6	3	53	5.30	25	129	570	126	1115
4240168	4240168	22	3.7	3.9	31.9	28	4.1	4.1	7	109	12.00	140	166	790	474	1519
4240169	4240169	7	1.4	0.9	8.8	10	1.1	1.2	2	39	3.40	130	95	490	238	363
4240170	4240170	18	3.0	2.9	24.7	20	2.8	2.6	6	87	10.00	25	164	1300	270	1346
4240171	4240171	12	1.1	2.3	13.0	11	1.7	1.6	5	51	5.90	25	123	570	309	836
4240172	4240172	13	2.0	1.8	16.0	12	2.1	2.3	3	32	6.30	140	136	520	411	726
4240173	4240173	28	1.9	2.0	11.0	7	1.2	1.2	6	53	5.70	180	148	660	234	610
4240174	4240174	18	1.9	2.1	14.0	12	1.3	1.7	4	46	5.60	25	111	610	298	405
4240175	4240175	40	1.9	3.1	11.0	10	1.8	1.8	7	81	9.10	160	200	700	293	779
4240176	4240176	29	1.0	1.9	7.3	6	0.8	0.9	3	38	4.70	110	110	100	222	551
4240177	4240177	121	1.4	2.4	9.5	9	1.3	1.3	9	63	7.00	170	164	580	68	1031
4240178	4240178	34	1.7	2.9	12.0	13	1.8	1.6	2	75	7.30	120	151	470	174	870
4240181	4240181	38	1.6	2.5	8.4	7	1.1	1.1	2	61	5.60	25	159	540	197	640
4240182	4240182	170	1.6	2.0	6.3	5	0.9	1.1	4	58	5.20	25	192	100	159	404
4240183	4240183	5	2.1	1.4	8.9	8	1.2	1.4	3	26	4.40	25	60	100	326	407
4240184	4240184	5	5.0	3.6	25.8	23	4.4	4.5	9	108	14.00	140	181	1000	1318	1377
4240185	4240185	7	2.0	4.1	13.0	13	1.6	2.0	7	97	10.00	150	249	950	544	1098
4240186	4240186	6	1.9	1.1	10.0	7	0.9	0.9	1	25	4.40	25	106	480	227	452
4240187	4240187	133	2.4	2.4	9.5	7	1.3	1.5	4	59	7.40	140	177	440	131	288
4240188	4240188	187	2.3	2.0	8.6	8	1.3	1.6	4	55	6.20	180	185	100	226	486
4240189	4240189	158	2.4	2.0	8.0	7	1.0	1.1	4	58	6.80	170	194	100	108	275
4240190	4240190	10	1.8	2.4	15.0	15	2.4	2.8	3	62	8.10	140	99	480	362	661
4240191	4240191	16	1.7	1.8	12.0	9	1.4	1.4	3	45	7.10	110	127	680	292	1044
4240192	4240192	22	2.4	3.3	15.0	14	2.1	2.0	5	84	9.10	25	156	1000	497	923
4240193	4240193	11	2.5	4.7	35.0	32	3.0	3.4	10	135	19.00	210	198	1400	685	1355
4240194	4240194	15	1.7	2.5	23.6	1	3.2	3.1	5	67	10.00	25	101	490	223	730

Appendix 1. Field and Lithochemical Data. Note that values of "-.99" indicate no data available

LabNum	FieldNum	Sr2_ppm	Ta1_ppm	Tb1_ppm	Th1_ppm	Th2_ppm	Th1_ppm	U1_ppm	U8_ppm	W10_ppm	Y2_ppm	Yb1_ppm	Zn1_ppm	Zn2_ppm	Zr1_ppm	Zr2_ppm	Zr_fus_ppm
4240195	4240195	18	2.9	4.0	25.0	22	2.7	2.9	7	94	13.00	230	202	910	512	1158	
4240196	4240196	16	2.3	2.9	20.0	19	2.7	2.9	5	56	10.00	25	147	1000	546	1011	
4240197	4240197	19	2.3	2.9	18.0	13	2.6	2.7	5	69	11.00	130	164	1000	495	1135	
4240198	4240198	183	1.8	2.1	13.0	12	2.1	2.2	5	63	8.40	200	166	730	524	687	
4240201	4240201	16	1.1	3.6	17.0	13	2.3	2.1	5	77	7.60	170	164	1100	340	890	
4240202	4240202	17	1.8	1.7	15.0	14	1.7	1.9	4	46	6.10	120	137	730	307	788	
4240203	4240203	12	2.1	3.1	15.0	10	2.2	2.3	7	71	7.00	25	117	450	567	782	
4240204	4240204	6	2.3	3.8	21.5	19	3.6	4.0	7	98	10.00	25	161	490	562	829	
4240205	4240205	16	1.6	3.1	14.0	11	1.6	1.7	3	67	9.20	140	153	840	337	911	
4240206	4240206	12	1.7	3.0	18.0	18	2.8	2.9	3	83	9.30	170	119	1000	290	976	
4240207	4240207	21	3.2	2.0	22.0	17	5.6	5.4	8	57	8.20	100	106	1100	368	894	
4240208	4240208	23	4.5	2.6	30.1	24	3.9	4.0	9	62	10.00	100	109	780	351	884	
4240209	4240209	153	2.8	2.8	14.0	12	2.0	2.2	6	83	9.40	190	204	1100	472	934	
4240210	4240210	10	4.4	2.5	13.0	6	1.7	1.8	4	39	6.20	25	107	470	321	394	
4240211	4240211	18	3.5	1.7	23.9	10	3.0	3.7	5	31	7.80	25	105	850	521	859	
4240212	4240212	14	2.3	3.0	20.0	16	2.5	2.3	7	59	9.20	110	142	840	399	792	
4240213	4240213	16	2.3	2.5	23.7	18	2.9	3.3	7	65	8.40	100	121	530	313	1206	
4240214	4240214	15	1.8	2.9	20.8	16	2.4	2.8	5	64	7.80	110	114	750	356	733	
4240215	4240215	12	1.5	2.4	21.3	16	2.9	3.0	6	64	8.20	25	113	570	357	619	
4240216	4240216	22	3.3	4.5	24.2	23	3.1	3.0	5	125	13.00	190	264	1100	285	1048	
4240217	4240217	39	3.4	4.0	19.0	15	3.3	3.4	9	104	13.00	130	205	1000	627	1455	
4240218	4240218	24	3.8	3.6	22.2	15	3.6	3.9	11	74	11.00	120	148	1000	682	1317	
4240221	4240221	18	2.2	3.0	18.0	13	2.4	2.7	4	63	7.40	25	149	980	528	1091	
4240222	4240222	21	4.2	3.0	23.5	14	3.0	3.4	6	59	10.00	25	151	1000	859	1425	
4240223	4240223	39	2.2	3.4	13.0	12	2.5	2.3	5	86	9.40	25	127	1100	676	1622	
4240224	4240224	9	1.8	1.1	11.0	9	1.4	1.1	4	29	4.30	25	85	390	361	435	
4240225	4240225	23	3.4	3.1	21.0	15	3.0	2.4	8	65	12.00	130	171	930	378	822	
4240226	4240226	10	1.2	1.9	13.0	9	1.7	1.9	2	40	6.20	25	97	100	320	468	
4240227	4240227	48	3.0	2.4	13.0	10	2.0	2.1	5	73	10.00	170	182	1000	331	1525	
4240228	4240228	17	3.3	2.0	21.1	16	2.6	2.8	4	53	6.40	130	107	580	434	594	
4240229	4240229	9	2.7	2.6	11.0	9	1.9	1.7	6	60	5.90	25	98	460	419	572	
4240230	4240230	17	3.4	2.7	25.0	16	3.5	3.7	6	58	10.00	25	145	630	627	622	
4240231	4240231	12	2.6	2.1	20.0	15	2.9	2.5	3	53	8.20	100	92	550	392	629	
4240232	4240232	25	1.3	2.1	11.0	8	1.2	1.2	6	40	6.70	110	110	710	250	578	
4240233	4240233	9	2.0	2.3	15.0	10	2.1	2.4	3	43	6.00	110	102	560	458	526	
4240234	4240234	21	1.3	1.9	10.0	7	1.4	1.4	1	44	4.80	120	93	650	301	707	
4240235	4240235	21	2.8	2.1	16.0	7	1.8	1.9	4	34	6.30	100	119	100	376	548	
4240236	4240236	16	1.5	1.9	15.0	9	2.0	2.3	8	44	6.20	25	105	600	311	582	
4240237	4240237	234	1.9	2.4	10.0	8	1.6	1.5	4	64	6.60	25	139	870	136	787	
4240238	4240238	19	3.4	4.8	26.8	22	3.6	3.6	11	124	15.00	150	228	1000	819	1327	
4240241	4240241	33	3.0	2.8	20.0	14	3.1	3.1	5	75	6.90	130	153	940	352	1195	
4240242	4240242	18	4.5	4.3	24.6	17	4.2	3.8	9	93	13.00	25	181	1700	651	1840	
4240243	4240243	10	4.7	4.7	24.6	12	4.2	4.1	10	71	13.00	25	170	1200	933	1603	
4240244	4240244	9	2.2	2.6	7.9	7	1.5	1.5	1	57	5.50	25	110	100	167	188	
4240245	4240245	26	1.7	2.4	10.0	8	1.2	1.2	5	44	5.00	25	82	100	128	147	
4240246	4240246	16	3.3	3.3	16.0	9	2.3	2.3	5	54	10.00	25	178	610	594	656	
4240247	4240247	13	2.2	2.4	13.0	12	1.9	1.9	6	60	8.30	25	153	850	566	682	
4240248	4240248	8	7.5	4.6	43.1	42	5.6	5.4	8	131	15.00	150	224	1300	453	1268	
4240249	4240249	14	4.4	4.2	26.3	25	3.9	4.1	10	125	15.00	150	228	1000	921	1633	
4240250	4240250	13	3.4	3.3	18.0	13	2.7	2.8	7	67	10.00	150	149	450	593	813	

Appendix 1. Field and Lithochemical Data. Note that values of "-.99" indicate no data available

LabNum	FieldNum	Sr2_ppm	Ta1_ppm	Tb1_ppm	Th1_ppm	Th2_ppm	Th1_ppm	U1_ppm	U8_ppm	W10_ppm	Y2_ppm	Yb1_ppm	Zn1_ppm	Zn2_ppm	Zr1_ppm	Zr2_ppm	Zr_fus_ppm
4240251	4240251	8	4.1	4.4	27.1	26	4.4	3.9	9	118	14.00	170	194	1300	1140	1804	
4240252	4240252	10	4.8	5.4	23.0	9	4.2	4.1	7	83	14.00	210	205	1400	1173	1437	
4240253	4240253	14	3.8	3.8	19.0	15	2.9	2.5	6	91	12.00	200	231	1000	608	1014	
4240254	4240254	22	4.8	4.2	24.9	18	4.1	3.8	10	76	13.00	130	143	870	736	1450	
4240255	4240255	22	4.8	5.1	28.2	20	4.6	4.6	11	125	18.00	140	233	1500	1076	1878	
4240256	4240256	18	2.4	3.5	15.0	11	2.3	2.1	8	61	10.00	25	160	1300	451	1019	
4240257	4240257	28	4.1	3.2	27.3	19	4.2	4.1	8	87	12.00	160	139	940	663	1290	
4240258	4240258	16	2.4	3.7	21.1	20	2.7	2.7	6	86	12.00	170	177	610	550	820	
4240261	4240261	21	1.2	3.7	15.0	14	2.1	2.2	9	94	7.50	110	123	750	279	1126	
4240262	4240262	20	2.9	3.7	26.9	21	3.1	3.1	4	88	9.50	140	213	1100	610	884	
4240263	4240263	15	2.6	3.5	24.9	19	3.6	3.4	6	78	10.00	130	145	860	446	1003	
4240264	4240264	17	2.0	3.2	19.0	15	2.5	2.3	6	87	10.00	25	167	630	455	684	
4240265	4240265	12	1.3	4.0	17.0	14	1.9	1.9	6	83	8.30	25	117	660	271	1021	
4240266	4240266	21	1.9	3.4	15.0	12	1.8	1.6	5	82	10.00	25	152	700	179	622	
4240267	4240267	10	1.2	2.8	17.0	10	2.9	3.3	7	60	7.20	25	102	630	471	670	
4240268	4240268	30	2.6	4.2	20.9	17	2.8	2.6	4	73	13.00	140	175	1700	369	1411	
4240269	4240269	28	2.3	4.0	18.0	18	2.5	2.5	4	73	11.00	200	168	1300	340	1139	
4240270	4240270	15	2.0	2.4	15.0	12	1.7	1.9	2	49	7.90	25	131	870	384	811	
4240271	4240271	21	3.3	3.4	23.1	18	2.6	2.5	5	63	10.00	100	145	1200	440	920	
4240272	4240272	17	1.3	2.3	13.0	9	2.3	2.0	7	45	7.00	110	99	600	487	697	
4240273	4240273	13	2.1	3.0	20.8	11	3.4	3.1	10	45	10.00	130	113	890	592	1040	
4240274	4240274	27	2.2	3.0	18.0	16	2.2	2.3	4	81	10.00	170	147	860	210	830	
4240275	4240275	8	3.2	2.9	23.7	23	3.2	3.1	7	65	11.00	150	122	540	546	575	
4240276	4240276	16	2.3	3.1	20.6	18	2.7	2.5	5	83	14.00	150	138	730	797	1021	
4240277	4240277	23	2.0	2.2	14.0	15	1.8	2.3	6	63	16.00	160	125	950	414	882	
4240278	4240278	36	1.3	2.9	17.0	14	1.8	2.1	4	69	25.00	240	141	1200	211	1126	
4240281	4240281	16	1.6	1.6	16.0	12	1.8	1.8	2	27	4.70	25	109	640	242	745	
4240282	4240282	47	1.9	2.3	14.0	11	1.4	1.6	2	42	7.00	170	139	1100	132	1481	
4240283	4240283	50	1.8	2.3	17.0	13	2.3	2.6	6	53	7.90	25	99	540	255	546	
4240284	4240284	24	2.3	3.7	17.0	15	2.3	2.3	7	83	10.00	150	169	1400	338	988	
4240285	4240285	11	2.8	4.0	19.0	14	2.8	2.7	8	74	11.00	170	168	460	416	614	
4240286	4240286	22	4.2	3.2	27.4	18	3.6	3.8	4	61	10.00	25	98	570	660	852	
4240287	4240287	23	3.4	2.6	23.5	12	3.4	3.4	4	48	9.20	25	102	850	643	693	
4240288	4240288	12	11.0	10.0	55.3	51	8.5	8.4	12	250	28.00	210	293	3400	2741	3403	
4240289	4240289	15	3.4	2.1	21.9	15	3.2	2.6	1	38	8.20	100	107	650	514	1054	
4240290	4240290	10	4.1	1.7	24.4	15	3.2	2.9	3	34	7.90	130	127	450	657	935	
4240291	4240291	12	3.1	3.0	20.3	2	3.4	3.3	3	44	10.00	25	95	830	493	805	
4240292	4240292	13	2.5	2.4	16.0	8	2.0	1.9	1	27	6.00	25	64	310	335	804	
4240293	4240293	21	3.3	2.7	24.3	13	2.7	2.2	7	46	8.60	25	93	560	397	794	
4240294	4240294	21	2.4	2.4	15.0	6	1.9	1.6	1	39	5.50	150	81	660	396	788	
4240295	4240295	43	3.5	2.8	13.0	12	2.0	2.2	3	66	10.00	120	147	1000	546	674	
4240296	4240296	20	4.6	2.6	18.0	12	2.3	2.3	7	45	14.00	100	137	1300	574	1356	
4240297	4240297	18	5.8	3.5	30.7	17	4.4	4.4	7	67	20.00	25	107	1200	681	1193	
4240298	4240298	13	5.3	3.6	25.9	21	4.5	4.5	9	90	24.00	190	161	2000	1522	2184	
4240301	4240301	14	4.3	3.7	24.2	7	4.1	3.6	8	53	9.10	130	149	1600	807	1450	
4240302	4240302	10	4.4	3.9	22.1	7	3.8	3.6	7	63	13.00	150	175	1500	1045	1378	
4240303	4240303	12	5.4	5.0	30.8	19	3.7	3.8	7	91	17.00	150	157	990	739	1415	
4240304	4240304	9	5.1	4.9	27.4	10	3.8	3.9	5	76	15.00	150	166	1800	1047	2121	
4240305	4240305	50	2.7	2.3	6.7	7	1.1	1.4	2	67	8.00	170	164	510	395	429	
4240306	4240306	12	3.5	3.7	20.7	8	3.6	3.4	7	47	12.00	180	143	1300	929	1650	

Appendix 1. Field and Lithochemical Data. Note that values of "-.99" indicate no data available

LabNum	FieldNum	Sr2_ppm	Ta1_ppm	Tb1_ppm	Th1_ppm	Th2_ppm	U1_ppm	U8_ppm	W10_ppm	Y2_ppm	Yb1_ppm	Zn1_ppm	Zn2_ppm	Zr1_ppm	Zr2_ppm	Zr_fus_ppm
4240307	4240307	7	4.6	3.7	28.1	20	5.0	4.5	12	77	14.00	130	99	1300	992	1853
4240308	4240308	12	2.1	3.6	12.0	10	2.5	2.4	5	74	10.00	25	115	1200	755	1208
4240309	4240309	10	2.7	3.4	16.0	10	2.4	2.3	9	81	9.00	120	101	840	578	1088
4240310	4240310	15	3.9	4.1	24.1	12	4.0	4.0	11	82	14.00	130	161	1300	1118	1668
4240311	4240311	68	5.3	4.4	24.0	15	3.7	3.3	6	101	15.00	180	184	930	690	954
4240312	4240312	31	3.9	4.1	20.5	12	3.4	3.3	8	71	13.00	130	158	1100	865	1760
4240313	4240313	21	4.4	4.1	20.9	9	3.2	3.0	4	79	13.00	170	174	990	650	931
4240314	4240314	6	3.8	3.1	25.0	12	3.4	3.1	4	55	10.00	180	125	1000	609	1131
4240315	4240315	21	3.4	2.9	19.0	11	2.9	2.7	4	46	8.10	140	141	650	514	1400
4240316	4240316	122	1.9	2.7	7.0	2	1.1	1.2	5	65	7.70	120	145	520	323	695
4240317	4240317	16	6.2	5.1	39.1	21	6.1	5.0	9	96	17.00	120	161	1600	1585	1813
4240318	4240318	9	15.0	1.8	37.1	31	11.0	10.1	7	61	12.00	180	171	630	724	865
4240321	4240321	7	5.3	12.0	21.4	23	4.9	5.1	17	460	23.00	120	207	1600	390	1534
4240322	4240322	416	0.9	1.1	2.9	1	0.5	0.5	2	28	3.00	110	87	100	224	218
4240323	4240323	25	3.6	2.7	20.2	7	2.3	2.3	4	43	7.40	150	111	780	407	902
4240324	4240324	23	2.9	2.9	20.9	14	3.6	3.4	6	72	9.00	150	98	1000	468	674
4240325	4240325	23	2.5	2.9	19.0	10	2.5	2.9	5	45	7.60	25	118	950	518	945
4240326	4240326	25	3.3	3.4	21.0	14	3.0	2.9	6	60	9.30	140	138	1100	533	1417
4240327	4240327	14	3.7	3.5	26.5	19	4.6	4.0	6	70	10.00	25	123	780	443	889
4240328	4240328	7	4.9	2.6	27.3	22	4.7	4.5	5	76	10.00	160	151	1100	681	1000
4240329	4240329	12	7.7	6.6	35.5	16	8.0	7.0	11	135	17.00	200	232	860	848	1393
4240330	4240330	12	3.8	2.6	25.3	13	3.9	3.5	7	56	10.00	110	101	940	395	712
4240331	4240331	12	4.8	3.7	31.5	22	4.5	4.1	9	94	13.00	110	135	1600	803	1848
4240332	4240332	14	2.8	2.2	20.0	17	2.8	2.2	5	43	8.00	130	117	770	578	1085
4240333	4240333	24	2.8	2.9	22.5	14	4.1	3.6	5	69	9.30	130	119	1100	585	1255
4240334	4240334	22	3.8	2.9	24.1	13	3.9	3.5	5	53	8.50	25	104	780	638	726
4240335	4240335	12	4.8	3.9	22.2	13	2.5	2.7	4	74	13.00	170	145	1300	493	1263
4240336	4240336	38	6.7	4.9	27.3	18	4.2	3.9	13	95	17.00	200	209	1500	353	1452
4240337	4240337	8	6.0	3.2	19.0	10	2.5	2.5	8	67	10.00	100	114	490	459	325
4240338	4240338	15	3.6	3.2	15.0	8	2.3	1.9	5	60	10.00	25	135	1400	408	1226
4240341	4240341	14	3.0	3.1	13.0	8	1.8	1.5	4	63	7.20	110	120	1000	353	1146
4240342	4240342	23	4.0	4.0	23.5	9	3.7	3.3	5	73	12.00	25	129	1200	807	1221
4240343	4240343	17	2.9	2.3	11.0	2	1.5	1.6	7	38	7.90	25	103	810	289	895
4240344	4240344	24	1.7	2.2	11.0	2	1.3	1.2	3	41	6.60	25	105	680	223	1040
4240345	4240345	12	1.6	1.7	7.6	1	1.2	1.2	5	28	4.30	25	56	290	208	320
4240346	4240346	12	1.9	2.2	10.0	4	1.9	1.8	1	42	6.60	110	92	960	425	969
4240347	4240347	13	2.3	2.4	15.0	8	2.6	2.5	7	62	9.10	100	90	760	673	748
4240348	4240348	63	9.1	2.0	8.5	4	2.8	2.6	4	72	9.40	240	284	270	287	310
4240349	4240349	6	3.5	1.1	16.0	15	2.1	2.2	3	36	7.40	100	89	660	477	963
4240350	4240350	20	3.6	2.5	19.0	15	2.6	2.4	5	52	9.30	130	93	770	303	849
4240351	4240351	38	1.9	1.9	4.4	1	0.8	0.8	3	43	5.90	25	113	410	196	541
4240352	4240352	21	3.6	2.3	24.2	11	3.5	3.6	8	41	7.90	110	99	740	669	720
4240353	4240353	9	7.0	4.3	29.6	19	4.9	3.9	8	82	15.00	25	123	1400	833	1315
4240354	4240354	23	3.4	2.9	18.0	13	2.8	2.9	6	67	10.00	25	94	830	615	793
4240355	4240355	25	3.1	3.0	17.0	8	2.7	2.3	4	52	9.20	100	109	690	486	864
4240356	4240356	23	3.6	3.0	18.0	14	3.0	3.1	6	73	9.40	25	104	760	387	624
4240357	4240357	25	4.4	3.1	19.0	11	2.8	2.6	6	61	11.00	110	102	1900	520	2190
4240358	4240358	11	4.8	3.0	20.1	18	3.4	4.1	3	85	10.00	170	112	640	788	678
4240361	4240361	21	3.8	2.6	16.0	14	2.2	2.4	6	55	6.00	120	106	580	353	863
4240362	4240362	24	2.7	2.0	15.0	6	1.9	1.5	5	34	6.30	25	83	1100	245	1140

Appendix 1. Field and Lithochemical Data. Note that values of "-.99" indicate no data available

LabNum	FieldNum	Sr2_ppm	Ta1_ppm	Tb1_ppm	Th1_ppm	Th2_ppm	U1_ppm	U8_ppm	W10_ppm	Y2_ppm	Yb1_ppm	Zn1_ppm	Zn2_ppm	Zr1_ppm	Zr2_ppm	Zr_fus_ppm
4240363	4240363	193	3.0	2.8	9.2	6	1.3	1.4	7	70	8.70	170	150	870	455	1012
4240364	4240364	15	4.2	3.1	20.0	11	3.4	3.3	4	64	11.00	150	140	820	509	1208
4240365	4240365	16	2.4	1.8	19.0	12	2.8	2.4	8	38	6.30	25	112	1100	606	945
4240366	4240366	20	3.1	2.3	22.0	12	3.3	3.5	4	46	7.30	25	98	720	507	706
4240367	4240367	30	3.5	2.6	20.0	18	3.0	2.5	1	94	11.00	160	183	1100	915	794
4240368	4240368	34	4.0	4.9	16.0	15	2.4	2.4	7	150	14.00	160	226	930	644	881
4240369	4240369	23	3.5	3.2	28.0	21	4.7	4.3	4	76	11.00	160	117	1100	722	888
4240370	4240370	7	2.0	2.1	12.0	7	2.2	2.1	6	50	8.50	25	112	630	584	731
4240371	4240371	18	3.8	2.7	24.8	17	3.4	2.9	4	70	10.00	25	99	840	534	692
4240372	4240372	14	4.2	3.3	26.1	21	4.4	4.3	4	91	12.00	110	110	1100	693	1153
4240373	4240373	14	3.5	3.0	22.5	15	3.8	3.4	6	71	9.10	25	89	700	557	923
4240374	4240374	20	2.7	2.5	16.0	10	2.4	2.3	3	52	6.80	130	83	700	323	762
4240375	4240375	16	5.0	3.3	21.2	14	4.4	4.3	5	78	12.00	25	107	490	307	488
4240376	4240376	19	3.2	2.7	23.4	17	3.2	3.1	9	63	8.80	25	105	710	511	891
4240377	4240377	20	3.4	3.0	22.9	15	3.3	3.3	2	65	8.30	25	101	620	470	853
4240378	4240378	4	3.9	2.5	17.0	12	2.1	1.7	4	56	6.60	25	93	710	323	890
4240381	4240381	21	2.8	3.1	12.0	8	2.0	2.5	4	69	8.40	130	108	550	413	506
4240382	4240382	23	4.4	3.0	20.8	13	3.1	2.7	5	71	10.00	130	106	480	450	1466
4240383	4240383	25	4.8	3.1	23.3	17	3.6	3.5	6	78	11.00	25	114	830	404	781
4240384	4240384	11	4.5	3.4	21.1	18	3.5	3.8	7	78	11.00	100	113	910	577	1112
4240385	4240385	21	4.0	3.2	20.0	15	3.8	3.0	6	79	11.00	150	111	810	388	928
4240386	4240386	10	3.8	2.4	19.0	15	2.5	2.3	6	51	8.30	25	79	400	299	427
4240387	4240387	22	3.8	3.1	22.0	14	2.0	2.2	7	54	10.00	25	109	1000	274	1112
4240388	4240388	19	3.1	2.7	21.9	17	3.3	3.0	7	79	10.00	130	137	790	674	1037
4240389	4240389	22	3.0	2.5	24.2	9	3.6	4.2	4	62	9.10	110	92	570	560	791
4240390	4240390	20	3.6	2.6	24.6	13	3.9	4.3	4	66	9.30	25	103	1300	650	767
4240391	4240391	10	3.5	3.2	22.5	17	4.6	3.7	9	81	10.00	25	91	870	394	746
4240392	4240392	13	2.5	2.6	22.6	16	2.9	2.8	6	61	8.70	25	97	480	406	902
4240393	4240393	7	3.6	2.6	26.1	17	3.6	3.5	5	70	10.00	140	129	940	434	1142
4240394	4240394	10	1.3	2.0	15.0	9	1.9	1.9	5	46	6.00	25	95	780	277	640
4240395	4240395	3	4.1	0.9	9.3	5	2.2	2.3	7	43	13.00	220	231	650	819	905
4240396	4240396	7	2.8	1.9	19.0	14	2.8	2.4	3	58	7.70	25	104	460	240	581
4240397	4240397	7	3.2	2.1	23.9	18	3.1	3.1	2	47	7.10	110	110	840	428	877
4240398	4240398	207	1.2	1.5	20.6	20	5.9	5.2	4	39	3.50	25	68	250	211	184
4240401	4240401	19	3.7	2.8	25.5	25	4.3	4.2	6	88	7.80	25	127	870	747	921
4240402	4240402	18	3.3	2.5	23.9	23	3.8	3.4	4	81	8.70	100	91	680	621	784
4240403	4240403	20	3.9	3.0	26.3	1	4.2	4.7	5	85	8.90	25	113	790	691	850
4240404	4240404	19	4.1	2.8	25.1	24	3.8	3.5	4	89	9.50	110	97	860	712	954
4240405	4240405	18	3.9	3.0	25.4	23	4.0	3.8	5	92	10.00	25	96	990	693	928
4240406	4240406	20	3.9	2.5	23.7	23	3.7	3.1	5	68	8.10	110	103	600	597	672
4240407	4240407	16	3.8	2.9	25.2	22	4.1	3.6	6	83	8.80	100	98	520	621	780
4240408	4240408	16	3.4	3.0	21.0	19	2.8	2.9	1	83	9.50	140	92	440	486	932
4240409	4240409	37	0.1	0.1	1.2	3	0.4	0.3	1	14	0.25	120	151	100	101	94
4240410	4240410	16	2.6	2.4	19.0	16	2.6	2.3	8	64	7.40	25	90	700	370	823
4240411	4240411	17	3.1	2.3	19.0	16	2.5	2.1	1	70	7.60	25	81	690	391	648
4240412	4240412	1	1.2	1.5	8.6	7	1.3	1.1	1	72	4.90	130	111	610	239	724

APPENDIX 2

The following two tables provide guides to the variables in the data file.

Variable	Description
FIELD DATA	
LabNum	Laboratory sample number
FieldNum	Field sample number
Number	last 3 digits of FieldNum
SampleMethod	
MapSheet	1:50,000 NTS map sheet
Datum	NAD27
Long_Nad27	longitude
Lat_Nad27	latitude
UTMZone	UTM zone
UTMEast	Easting in metres
UTMNorth	Northing in metres
Rock_group	
RockType	rock type
Lithology	
Lith_numeric	lithology after Hill,1982-6 report
Colour	rock colour
Colour_numeric	colour
Grainsize_mm	grain size in mm
Texture	
TectFabric	
Feldspars	
Feldspars_numeric	feldspars
Mafics_pct	% mafics
Alteration	
Alteration_numeric	alteration
Weathering	
Weather_numeric	weathering
Vein	
Veintype	
Scintype	Model of Scintrex scintillometer

ANALYTICAL DATA

Scint_cps	scintillometer reading, counts per sec.
KUTh_cps	scintillometer count of K, U, and Th
UTh_cps	scintillometer count of U and Th
Th_cps	scintillometer count of Th
SiO2	Wt. percent
Al2O3	Wt. percent
Fe2O3	Wt. percent
FeO	Wt. percent
MgO	Wt. percent
CaO	Wt. percent
Na2O	Wt. percent
K2O	Wt. percent
TiO2	Wt. percent
MnO	Wt. percent
P2O5	Wt. percent
LOI	Wt. percent
Total	Wt. percent
Ag6_ppm	AAS analysis
As1_ppm	INAA; Becquerel
Au1_ppb	INAA; Becquerel
Ba1_ppm	INAA; Becquerel
Ba2_ppm	AAS analysis
Be2_ppm	AAS analysis
Br1_ppm	INAA; Becquerel
Ce1_ppm	INAA; Becquerel
Ce2_ppm	ICP; NL Geological Survey
Co1_ppm	INAA; Becquerel
Cr1_ppm	INAA; Becquerel
Cr_fus_ppm	ICP fusion;NL Geological Survey
Cs1_ppm	INAA; Becquerel
Cu2_ppm	AAS analysis
Eu1_ppm	INAA; Becquerel
Fe1_percent	INAA; Becquerel
Ga2_ppm	ICP; NL Geological Survey
Hf1_ppm	INAA; Becquerel
La1_ppm	INAA; Becquerel
La2_ppm	ICP; NL Geological Survey
Li2_ppm	AAS analysis
Lu1_ppm	INAA; Becquerel
Mo1_ppm	INAA; Becquerel
Mo2_ppm	AAS analysis
Na1_percent	INAA; Becquerel
Nb2_ppm	ICP; NL Geological Survey
Ni1_ppm	INAA; Becquerel

ANALYTICAL DATA (Continued)

Ni2_ppm	AAS analysis
Pb2_ppm	AAS analysis
Rb1_ppm	INAA; Becquerel
Rb2_ppm	AAS analysis
Sb1_ppm	INAA; Becquerel
Sc1_ppm	INAA; Becquerel
Sm1_ppm	INAA; Becquerel
Sn10_ppm	XRF; Midland Earth Sciences
Sr2_ppm	AAS analysis
Ta1_ppm	INAA; Becquerel
Tb1_ppm	INAA; Becquerel
Th1_ppm	INAA; Becquerel
Th2_ppm	ICP; NL Geological Survey
U1_ppm	INAA; Becquerel
U8_ppm	INAA; N.A.S.
W10_ppm	XRF; Midland Earth Sciences
Y2_ppm	ICP; NL Geological Survey
Yb1_ppm	INAA; Becquerel
Zn1_ppm	INAA; Becquerel
Zn2_ppm	AAS analysis
Zr1_ppm	INAA; Becquerel
Zr2_ppm	ICP; NL Geological Survey
Zr_fus_ppm	ICP fusion;NL Geological Survey

Variable Values

Variable	Value	Label
Lith_numeric	1	Medium to coarse grained equigranular peralkaline granite
	2	Aphanitic to fine grained porphyritic peralkaline granite
	6	Medium grained quartz syenite or quartz monzonite
	7	Intermediate plutonic rock
	8	Gabbroic plutonic rock
Colour_numeric	0	>80% white
	1	50-80% white
	2	20-50% white
	3	< 20% white
	4	gray
	5	green
	6	buff
	7	brown
	8	red or purple
9	pink	
Feldspars_numeric	0	feldspars clear
	1	feldspars clouded
Alteration_numeric	0	no alteration
	1	no alteration
	2	gossanous
	3	hydrothermal, white
	4	hydrothermal, rusty
5	chloritized mafics	
Weather_numeric	1	unweathered
	2	slight
	3	moderate
	4	extensive
	5	extreme