

Appendix G. Inductively coupled plasma-mass spectrometry and inductively coupled plasma-atomic emission spectroscopy data (ICP-MS/AES)

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES

<b>East (NAD 27)</b>	304931	304728	304690	304552	304589	304720	304909	305129	304932
<b>North (NAD 27)</b>	4316567	4316718	4316602	4316780	4316821	4316883	4316806	4316828	4316512
<b>Classification</b>	Plag-KSpar	Plagioclase	Plag-KSpar	Plag-KSpar	Plagioclase	Plag-KSpar	Plag-KSpar	Plagioclase	Plag-KSpar
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	G909001	G909002	G909003	G909004	G909005	G909006	G909007	G909008	G909009
<b>Lithology</b>	Porphyry	Porphyry	Porphyry	Porphyry	Porphyry	Porphyry	McLeod	Porphyry	Porphyry
<b>Ag (ppm)</b>	0.01	0.01	-0.01	0.01	-0.01	0.35	0.12	0.07	0.08
<b>Al (%)</b>	6.78	6.87	7.23	7.16	7.21	7.61	7.94	7.01	7.2
<b>As (ppm)</b>	-0.2	2.5	2.2	5	2.2	4.8	2.3	0.4	0.6
<b>Ba (ppm)</b>	1580	210	1390	1640	170	2370	870	130	1640
<b>Be (ppm)</b>	1.96	1.74	1.7	1.92	1.8	1.65	1.97	1.81	1.57
<b>Bi (ppm)</b>	0.1	0.04	0.14	0.07	0.1	0.5	0.24	0.07	0.12
<b>Ca (%)</b>	1.95	2.03	2.49	2.52	2.52	2.04	3.53	2.26	2.09
<b>Cd (ppm)</b>	0.03	0.04	0.03	0.03	0.03	0.04	0.05	-0.02	0.05
<b>Ce (ppm)</b>	35.8	38.7	37	43.7	30.5	50.2	62.4	77.9	36.8
<b>Co (ppm)</b>	3	1.5	6.2	3.7	2	3	12.5	1.6	2.2
<b>Cr (ppm)</b>	28	17	14	19	21	16	12	16	24
<b>Cs (ppm)</b>	0.42	0.2	0.79	0.8	0.38	0.86	1.41	0.54	0.62
<b>Cu (ppm)</b>	18.4	539	59.1	59.5	10.8	114	46.9	17	71.2
<b>Fe (%)</b>	0.8	0.93	1.3	1.62	0.93	1.4	2.41	0.61	0.59
<b>Ga (ppm)</b>	22.1	20.1	22.6	22.3	20.6	20.5	22.6	21	20.5
<b>Ge (ppm)</b>	0.11	0.1	0.1	0.13	0.1	0.14	0.17	0.11	0.1
<b>Hf (ppm)</b>	1.5	1.8	1.4	1.4	1.7	1.5	0.7	1.4	1.2
<b>In (ppm)</b>	0.031	0.025	0.09	0.04	0.035	0.074	0.096	0.035	0.021
<b>K (%)</b>	2.98	0.18	2.13	2.76	0.29	3.07	1.71	0.36	2.94
<b>La (ppm)</b>	16.8	18.4	18.2	21	13.1	25.7	28.2	48.2	18.3
<b>Li (ppm)</b>	5	3.9	3.6	3.9	3.8	5.7	5.7	4.3	2.4
<b>Mg (%)</b>	0.46	0.61	0.51	0.63	0.63	0.52	1.24	0.67	0.46
<b>Mn (ppm)</b>	126	84	183	193	144	96	379	91	121
<b>Mo (ppm)</b>	0.68	1.12	0.68	2.55	0.45	2.46	1.82	0.58	0.69
<b>Na (%)</b>	2.98	4.46	2.98	2.72	4.25	3.04	3.34	4.4	3.13
<b>Nb (ppm)</b>	3.4	2.7	2.9	3.6	2.6	3.6	5.4	3.1	3
<b>Ni (ppm)</b>	8.5	7.4	8.5	9.9	9.5	7.2	14.7	9.8	8.4
<b>P (ppm)</b>	640	850	750	880	810	820	1580	780	650
<b>Pb (ppm)</b>	5.2	3.1	4.7	5.9	2.9	6.9	6.5	3.7	7.1
<b>Rb (ppm)</b>	59.5	4	47.3	62.9	7.7	71	52.6	9.5	68.1
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.01	0.02	0.01	0.05	0.03	0.03	0.01	-0.01	0.02
<b>Sb (ppm)</b>	1.34	0.41	0.92	0.58	0.77	0.47	0.96	0.49	0.92

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	304931	304728	304690	304552	304589	304720	304909	305129	304932
<b>North (NAD 27)</b>	4316567	4316718	4316602	4316780	4316821	4316883	4316806	4316828	4316512
<b>Classification</b>	Plag-KSpar	Plagioclase	Plag-KSpar	Plag-KSpar	Plagioclase	Plag-KSpar	Plag-KSpar	Plagioclase	Plag-KSpar
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	G909001	G909002	G909003	G909004	G909005	G909006	G909007	G909008	G909009
<b>Lithology</b>	Porphyry	Porphyry	Porphyry	Porphyry	Porphyry	Porphyry	McLeod	Porphyry	Porphyry
<b>Ag (ppm)</b>	0.01	0.01	-0.01	0.01	-0.01	0.35	0.12	0.07	0.08
<b>Al (%)</b>	6.78	6.87	7.23	7.16	7.21	7.61	7.94	7.01	7.2
<b>As (ppm)</b>	-0.2	2.5	2.2	5	2.2	4.8	2.3	0.4	0.6
<b>Ba (ppm)</b>	1580	210	1390	1640	170	2370	870	130	1640
<b>Be (ppm)</b>	1.96	1.74	1.7	1.92	1.8	1.65	1.97	1.81	1.57
<b>Bi (ppm)</b>	0.1	0.04	0.14	0.07	0.1	0.5	0.24	0.07	0.12
<b>Ca (%)</b>	1.95	2.03	2.49	2.52	2.52	2.04	3.53	2.26	2.09
<b>Cd (ppm)</b>	0.03	0.04	0.03	0.03	0.03	0.04	0.05	-0.02	0.05
<b>Ce (ppm)</b>	35.8	38.7	37	43.7	30.5	50.2	62.4	77.9	36.8
<b>Co (ppm)</b>	3	1.5	6.2	3.7	2	3	12.5	1.6	2.2
<b>Cr (ppm)</b>	28	17	14	19	21	16	12	16	24
<b>Cs (ppm)</b>	0.42	0.2	0.79	0.8	0.38	0.86	1.41	0.54	0.62
<b>Cu (ppm)</b>	18.4	539	59.1	59.5	10.8	114	46.9	17	71.2
<b>Fe (%)</b>	0.8	0.93	1.3	1.62	0.93	1.4	2.41	0.61	0.59
<b>Ga (ppm)</b>	22.1	20.1	22.6	22.3	20.6	20.5	22.6	21	20.5
<b>Ge (ppm)</b>	0.11	0.1	0.1	0.13	0.1	0.14	0.17	0.11	0.1
<b>Hf (ppm)</b>	1.5	1.8	1.4	1.4	1.7	1.5	0.7	1.4	1.2
<b>In (ppm)</b>	0.031	0.025	0.09	0.04	0.035	0.074	0.096	0.035	0.021
<b>K (%)</b>	2.98	0.18	2.13	2.76	0.29	3.07	1.71	0.36	2.94
<b>La (ppm)</b>	16.8	18.4	18.2	21	13.1	25.7	28.2	48.2	18.3
<b>Li (ppm)</b>	5	3.9	3.6	3.9	3.8	5.7	5.7	4.3	2.4
<b>Mg (%)</b>	0.46	0.61	0.51	0.63	0.63	0.52	1.24	0.67	0.46
<b>Mn (ppm)</b>	126	84	183	193	144	96	379	91	121
<b>Mo (ppm)</b>	0.68	1.12	0.68	2.55	0.45	2.46	1.82	0.58	0.69
<b>Na (%)</b>	2.98	4.46	2.98	2.72	4.25	3.04	3.34	4.4	3.13
<b>Nb (ppm)</b>	3.4	2.7	2.9	3.6	2.6	3.6	5.4	3.1	3
<b>Ni (ppm)</b>	8.5	7.4	8.5	9.9	9.5	7.2	14.7	9.8	8.4
<b>P (ppm)</b>	640	850	750	880	810	820	1580	780	650
<b>Pb (ppm)</b>	5.2	3.1	4.7	5.9	2.9	6.9	6.5	3.7	7.1
<b>Rb (ppm)</b>	59.5	4	47.3	62.9	7.7	71	52.6	9.5	68.1
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.01	0.02	0.01	0.05	0.03	0.03	0.01	-0.01	0.02
<b>Sb (ppm)</b>	1.34	0.41	0.92	0.58	0.77	0.47	0.96	0.49	0.92

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	304931	304728	304690	304552	304589	304720	304909	305129	304932
<b>North (NAD 27)</b>	4316567	4316718	4316602	4316780	4316821	4316883	4316806	4316828	4316512
<b>Classification</b>	Plag-KSpar	Plagioclase	Plag-KSpar	Plag-KSpar	Plagioclase	Plag-KSpar	Plag-KSpar	Plagioclase	Plag-KSpar
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	G909001	G909002	G909003	G909004	G909005	G909006	G909007	G909008	G909009
<b>Lithology</b>	Porphyry	Porphyry	Porphyry	Porphyry	Porphyry	Porphyry	McLeod	Porphyry	Porphyry
<b>Sc (ppm)</b>	4.8	5.7	5.1	6.3	5.3	5.7	10.1	6	4.8
<b>Se (ppm)</b>	1	2	2	2	1	2	1	1	1
<b>Sn (ppm)</b>	0.7	0.7	0.6	0.7	0.6	2.1	1.3	1.5	0.7
<b>Sr (ppm)</b>	992	1115	1225	1095	1310	1075	1270	973	1050
<b>Ta (ppm)</b>	0.23	0.19	0.2	0.25	0.17	0.27	0.34	0.22	0.22
<b>Te (ppm)</b>	-0.05	0.09	0.05	0.08	-0.05	0.28	0.05	-0.05	-0.05
<b>Th (ppm)</b>	7.3	4.9	6.7	8	4.5	7.8	8.8	6.7	6.7
<b>Ti (%)</b>	0.227	0.254	0.235	0.283	0.237	0.272	0.473	0.259	0.217
<b>Tl (ppm)</b>	0.21	0.03	0.22	0.26	0.05	0.27	0.21	0.05	0.23
<b>U (ppm)</b>	2.6	2.4	3.9	3.6	1.8	3.4	3.8	2.5	2.4
<b>V (ppm)</b>	40	59	62	69	55	59	121	59	41
<b>W (ppm)</b>	0.5	0.7	0.6	1.1	0.6	0.6	0.7	0.3	0.4
<b>Y (ppm)</b>	5.6	6	5.9	7.6	5.3	6.8	12.3	6	5.1
<b>Zn (ppm)</b>	9	6	14	16	11	10	32	9	12
<b>Zr (ppm)</b>	33	46.3	33.2	27.4	48.8	40.2	15.3	38.7	31.4
<b>Al2O3 (%)</b>	12.81	12.98	13.66	13.53	13.62	14.38	15.00	13.24	13.60
<b>CaO (%)</b>	2.73	2.84	3.48	3.53	3.53	2.85	4.94	3.16	2.92
<b>FeO (%)</b>	1.03	1.20	1.67	2.08	1.20	1.80	3.10	0.78	0.76
<b>K2O (%)</b>	3.59	0.22	2.57	3.33	0.35	3.70	2.06	0.43	3.54
<b>MgO (%)</b>	0.76	1.01	0.85	1.04	1.04	0.86	2.06	1.11	0.76
<b>Na2O (%)</b>	4.02	6.01	4.02	3.67	5.73	4.10	4.50	5.93	4.22
<b>P2O5 (%)</b>	0.15	0.19	0.17	0.20	0.19	0.19	0.36	0.18	0.15
<b>TiO2 (%)</b>	0.38	0.42	0.39	0.47	0.40	0.45	0.79	0.43	0.36
<b>SO3 (%)</b>	0.03	0.05	0.03	0.13	0.08	0.08	0.03	-0.03	0.05
<b>Total (%)</b>	25.49	24.92	26.83	27.97	26.12	28.41	32.83	25.25	26.37
<b>SiO2 (%)</b>	72.73	73.33	71.29	70.07	72.05	69.61	64.87	72.98	71.79
<b>Al_m</b>	0.25	0.25	0.27	0.27	0.27	0.28	0.29	0.26	0.27
<b>Ca_m</b>	0.05	0.05	0.06	0.06	0.06	0.05	0.09	0.06	0.05
<b>K_m</b>	0.08	0.00	0.05	0.07	0.01	0.08	0.04	0.01	0.08
<b>Na_m</b>	0.13	0.19	0.13	0.12	0.18	0.13	0.15	0.19	0.14
<b>K_Al</b>	0.30	0.02	0.20	0.27	0.03	0.28	0.15	0.04	0.28
<b>Na_Al</b>	0.52	0.76	0.48	0.45	0.69	0.47	0.49	0.74	0.51
<b>Plag</b>	0.71	0.96	0.72	0.68	0.93	0.65	0.79	0.95	0.71

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	304798	304694	304543	304374	304034	304639	304608	304572	304539
<b>North (NAD 27)</b>	4316504	4316384	4316253	4316203	4316210	4317241	4317263	4317289	4317313
<b>Classification</b>	Plag-KSpar	Plag-KSpar	Plagioclase	Plag-KSpar	Plag-KSpar	Albite	Plagioclase	Plag-KSpar	Plag-KSpar
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	G909010	G909011	G909012	G909013	G909014	G909033	G909034	G909035	G909036
<b>Lithology</b>	Porphyry	Porphyry	Porphyry	Porphyry	McLeod	null	null	null	null
<b>Ag (ppm)</b>	0.03	0.03	0.02	0.04	0.1	0.15	0.38	0.42	0.38
<b>Al (%)</b>	7.32	7.27	7.06	7.4	7.8	6.38	7.14	7.86	7.95
<b>As (ppm)</b>	1.3	4.4	0.5	2.5	2.3	0.4	0.8	-0.2	0.3
<b>Ba (ppm)</b>	2130	2090	140	2070	1210	130	170	670	1080
<b>Be (ppm)</b>	1.55	1.73	1.71	1.81	1.99	1.85	1.65	1.92	1.66
<b>Bi (ppm)</b>	0.2	0.26	0.11	0.25	0.14	0.1	0.14	0.16	0.21
<b>Ca (%)</b>	2.27	1.84	2.12	1.73	2.69	1.16	1.67	2.01	2
<b>Cd (ppm)</b>	-0.02	0.02	0.02	0.02	0.05	-0.02	-0.02	-0.02	-0.02
<b>Ce (ppm)</b>	38.8	33.1	38.6	41.4	54.6	25.3	14.55	49.6	46.1
<b>Co (ppm)</b>	3.4	7.2	1.9	24.8	15.9	1.2	1.9	11.4	8.5
<b>Cr (ppm)</b>	29	21	22	21	12	10	12	10	12
<b>Cs (ppm)</b>	0.5	0.7	0.18	1.38	1.64	0.49	1.65	2.64	2.77
<b>Cu (ppm)</b>	22.3	8.6	13.7	9	107.5	4210	4110	4580	2530
<b>Fe (%)</b>	1.15	1.35	0.86	1.63	3.65	0.69	0.83	2.74	2.29
<b>Ga (ppm)</b>	21.8	20.7	20.1	20.8	21.6	18.1	16.95	21.6	21.2
<b>Ge (ppm)</b>	0.11	0.12	0.09	0.12	0.17	0.12	0.09	0.15	0.13
<b>Hf (ppm)</b>	1.5	1.5	1.2	1.2	0.6	0.5	0.4	0.3	0.3
<b>In (ppm)</b>	0.089	0.044	0.038	0.021	0.039	0.028	0.028	0.038	0.025
<b>K (%)</b>	3.66	3.68	0.27	3.61	2.53	0.52	0.69	1.81	2.77
<b>La (ppm)</b>	18.2	14.4	20	22.6	27	10.8	7.4	24.1	22.4
<b>Li (ppm)</b>	3.9	2.5	4.1	3.6	5	3.9	5.1	6.2	6.3
<b>Mg (%)</b>	0.67	0.51	0.47	0.46	1.23	0.9	0.77	1.32	1.35
<b>Mn (ppm)</b>	122	147	126	186	543	35	37	99	96
<b>Mo (ppm)</b>	0.54	0.69	0.51	0.86	1.22	82.9	12.6	1.59	1.12
<b>Na (%)</b>	2.79	2.89	4.64	2.74	2.75	4.15	3.63	2.89	2.42
<b>Nb (ppm)</b>	3.2	3.1	2.9	2.9	4.8	4.1	2.1	2.9	2.2
<b>Ni (ppm)</b>	9.6	8.7	6.1	8.1	17.1	9.4	8.8	15.5	15.7
<b>P (ppm)</b>	720	650	600	660	1360	780	960	1170	1270
<b>Pb (ppm)</b>	2.9	4.3	2.2	5.4	12.2	3.2	4.5	4.1	4.5
<b>Rb (ppm)</b>	92.9	92.9	8	112.5	87.3	23.1	35.3	73.5	101.5
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	0.033	0.009	-0.002	0.002
<b>S (%)</b>	0.01	0.05	0.02	0.01	0.01	0.42	0.42	0.48	0.28
<b>Sb (ppm)</b>	2	1.32	1.1	1.16	0.63	0.38	0.36	0.21	0.21

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	304798	304694	304543	304374	304034	304639	304608	304572	304539
<b>North (NAD 27)</b>	4316504	4316384	4316253	4316203	4316210	4317241	4317263	4317289	4317313
<b>Classification</b>	Plag-KSpar	Plag-KSpar	Plagioclase	Plag-KSpar	Plag-KSpar	Albite	Plagioclase	Plag-KSpar	Plag-KSpar
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	G909010	G909011	G909012	G909013	G909014	G909033	G909034	G909035	G909036
<b>Lithology</b>	Porphyry	Porphyry	Porphyry	Porphyry	McLeod	null	null	null	null
<b>Sc (ppm)</b>	6.6	5.6	4.9	5.1	12	5.9	8.8	11.1	11
<b>Se (ppm)</b>	1	1	1	1	1	6	5	4	3
<b>Sn (ppm)</b>	0.8	0.7	0.7	0.6	1	1.2	1	1.4	1.1
<b>Sr (ppm)</b>	983	925	1080	1045	933	354	730	814	785
<b>Ta (ppm)</b>	0.22	0.22	0.21	0.22	0.34	0.29	0.17	0.2	0.17
<b>Te (ppm)</b>	-0.05	0.14	-0.05	0.14	-0.05	-0.05	0.1	0.12	0.09
<b>Th (ppm)</b>	6.6	6.7	6.5	7.4	10.4	16.2	11.7	6.8	10.6
<b>Ti (%)</b>	0.259	0.224	0.206	0.213	0.416	0.217	0.193	0.323	0.289
<b>Tl (ppm)</b>	0.32	0.28	0.04	0.39	0.33	0.11	0.19	0.35	0.48
<b>U (ppm)</b>	3	2.7	2.6	2.7	3.2	2.7	1.7	2.4	3
<b>V (ppm)</b>	61	53	42	48	114	66	69	109	112
<b>W (ppm)</b>	0.9	0.9	0.4	0.8	1.3	2.5	2.7	1.3	2.4
<b>Y (ppm)</b>	6.1	5.2	5	5.1	12.1	8.1	6.3	11.1	10.5
<b>Zn (ppm)</b>	6	9	8	15	69	5	8	13	17
<b>Zr (ppm)</b>	47.9	46	28.5	28.8	12.2	12	7.6	5.4	6.4
<b>Al2O3 (%)</b>	13.83	13.73	13.34	13.98	14.73	12.05	13.49	14.85	15.02
<b>CaO (%)</b>	3.18	2.57	2.97	2.42	3.76	1.62	2.34	2.81	2.80
<b>FeO (%)</b>	1.48	1.74	1.11	2.10	4.69	0.89	1.07	3.52	2.94
<b>K2O (%)</b>	4.41	4.43	0.33	4.35	3.05	0.63	0.83	2.18	3.34
<b>MgO (%)</b>	1.11	0.85	0.78	0.76	2.04	1.49	1.28	2.19	2.24
<b>Na2O (%)</b>	3.76	3.90	6.25	3.69	3.71	5.59	4.89	3.90	3.26
<b>P2O5 (%)</b>	0.16	0.15	0.14	0.15	0.31	0.18	0.22	0.27	0.29
<b>TiO2 (%)</b>	0.43	0.37	0.34	0.36	0.69	0.36	0.32	0.54	0.48
<b>SO3 (%)</b>	0.03	0.13	0.05	0.03	0.03	1.05	1.05	1.20	0.70
<b>Total (%)</b>	28.39	27.87	25.30	27.83	33.02	23.87	25.48	31.46	31.07
<b>SiO2 (%)</b>	69.63	70.18	72.93	70.22	64.67	74.46	72.73	66.34	66.75
<b>Al_m</b>	0.27	0.27	0.26	0.27	0.29	0.24	0.26	0.29	0.29
<b>Ca_m</b>	0.06	0.05	0.05	0.04	0.07	0.03	0.04	0.05	0.05
<b>K_m</b>	0.09	0.09	0.01	0.09	0.06	0.01	0.02	0.05	0.07
<b>Na_m</b>	0.12	0.13	0.20	0.12	0.12	0.18	0.16	0.13	0.11
<b>K_Al</b>	0.35	0.35	0.03	0.34	0.22	0.06	0.07	0.16	0.24
<b>Na_Al</b>	0.45	0.47	0.77	0.43	0.41	0.76	0.60	0.43	0.36
<b>Plag</b>	0.66	0.64	0.97	0.59	0.65	0.89	0.75	0.60	0.53

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	304505	304471	304437	304405	304369	304336	304302	304267	304234
<b>North (NAD 27)</b>	4317337	4317361	4317385	4317408	4317433	4317457	4317482	4317506	4317530
<b>Classification</b>	Plag-KSpar	Plag-KSpar	Albite	Plag-KSpar	Plag-KSpar	Plagioclase	Plag-KSpar	Plag-KSpar	Plag-KSpar
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	G909037	G909038	G909039	G909040	G909041	G909042	G909043	G909044	G909045
<b>Lithology</b>	null	null	null	null	null	null	null	null	null
<b>Ag (ppm)</b>	0.62	0.45	0.23	0.92	0.71	0.41	0.57	0.3	0.57
<b>Al (%)</b>	7.67	8.05	7.28	8.05	7.8	7.97	8.05	7.34	7.14
<b>As (ppm)</b>	1.9	-0.2	-0.2	2.1	1.1	7.8	1	2.6	0.5
<b>Ba (ppm)</b>	1270	1140	380	1440	800	330	930	960	1720
<b>Be (ppm)</b>	1.47	1.57	1.69	1.71	1.76	2.49	2.36	2.14	1.6
<b>Bi (ppm)</b>	0.73	0.6	0.11	0.77	0.37	0.27	0.26	0.34	0.34
<b>Ca (%)</b>	1.88	1.93	1.11	1.68	2.95	1.48	2.35	1.51	1.16
<b>Cd (ppm)</b>	0.02	0.02	-0.02	-0.02	0.02	0.19	0.04	0.02	-0.02
<b>Ce (ppm)</b>	37.9	48.6	42.7	36.2	51.2	47.9	51	48.9	43.6
<b>Co (ppm)</b>	11.6	9.8	6.6	3.8	7.5	4.9	7.4	2.7	1.9
<b>Cr (ppm)</b>	12	10	12	12	12	12	10	12	11
<b>Cs (ppm)</b>	2.42	2.61	1.06	1.34	1.84	1.97	1.89	1.37	1.21
<b>Cu (ppm)</b>	4320	4670	4820	8060	9610	6000	4200	3170	2070
<b>Fe (%)</b>	2.84	2.49	1.26	1.56	3.03	1.26	2.13	0.82	0.48
<b>Ga (ppm)</b>	20.8	22.4	19.2	21.9	21.1	21.8	22.8	20.6	18.95
<b>Ge (ppm)</b>	0.14	0.15	0.12	0.15	0.16	0.13	0.15	0.12	0.11
<b>Hf (ppm)</b>	0.2	0.2	1	0.2	0.3	0.6	0.5	0.8	0.8
<b>In (ppm)</b>	0.053	0.04	0.032	0.062	0.058	0.056	0.041	0.035	0.013
<b>K (%)</b>	2.81	2.76	0.83	2.77	1.51	1.33	1.97	2.81	3.35
<b>La (ppm)</b>	18.5	23.7	21	17	25.2	23.1	20.7	22.7	21
<b>Li (ppm)</b>	6.3	8.2	5.9	7.8	7	8.8	10.4	7.6	7.6
<b>Mg (%)</b>	1.4	1.58	0.71	1.36	1.38	1.4	1.43	0.88	0.63
<b>Mn (ppm)</b>	118	80	46	57	108	49	95	47	34
<b>Mo (ppm)</b>	128	1.83	17.8	3.52	39	7.66	12.25	28.3	299
<b>Na (%)</b>	2.22	2.43	4.12	2.31	2.34	4.07	2.82	2.93	2.87
<b>Nb (ppm)</b>	2.2	2.4	1.9	2.2	2.9	2.7	2.4	2.3	1.6
<b>Ni (ppm)</b>	16.9	19	8.3	16.6	18.5	33.4	17.9	12.5	9.7
<b>P (ppm)</b>	1220	1520	780	1440	1310	1370	1520	960	790
<b>Pb (ppm)</b>	6.7	4.6	4.3	4.5	5.4	21.2	7.6	6.3	7.3
<b>Rb (ppm)</b>	97.7	105.5	34.3	89.6	54.9	64	64.5	78.7	79.9
<b>Re (ppm)</b>	0.024	-0.002	0.018	0.004	0.023	0.01	0.013	0.011	0.293
<b>S (%)</b>	0.44	0.48	0.91	0.78	0.96	0.62	0.54	0.33	0.18
<b>Sb (ppm)</b>	0.45	0.24	0.48	0.75	0.45	1.52	0.69	0.99	0.32

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	304505	304471	304437	304405	304369	304336	304302	304267	304234
<b>North (NAD 27)</b>	4317337	4317361	4317385	4317408	4317433	4317457	4317482	4317506	4317530
<b>Classification</b>	Plag-KSpar	Plag-KSpar	Albite	Plag-KSpar	Plag-KSpar	Plagioclase	Plag-KSpar	Plag-KSpar	Plag-KSpar
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	G909037	G909038	G909039	G909040	G909041	G909042	G909043	G909044	G909045
<b>Lithology</b>	null	null	null	null	null	null	null	null	null
<b>Sc (ppm)</b>	11.1	12.2	5.6	11.1	12	10.5	11.5	7.3	5.7
<b>Se (ppm)</b>	9	7	4	8	6	5	4	4	3
<b>Sn (ppm)</b>	1	1.6	1.5	2.2	2.3	2.2	1.7	1.3	1
<b>Sr (ppm)</b>	785	783	701	731	1070	607	890	725	895
<b>Ta (ppm)</b>	0.17	0.17	0.14	0.16	0.21	0.18	0.16	0.17	0.12
<b>Te (ppm)</b>	0.41	0.21	-0.05	0.19	0.12	0.07	0.15	0.07	0.06
<b>Th (ppm)</b>	6.7	8.6	6.4	7.5	9.9	10.7	7.1	11.1	8.2
<b>Ti (%)</b>	0.317	0.33	0.183	0.267	0.331	0.283	0.313	0.204	0.151
<b>Tl (ppm)</b>	0.49	0.48	0.16	0.45	0.3	0.35	0.45	0.39	0.4
<b>U (ppm)</b>	1.3	2	2	1.8	2.9	2.8	2.6	2.5	1.4
<b>V (ppm)</b>	110	128	63	106	124	111	121	79	58
<b>W (ppm)</b>	0.6	1.4	2.3	2.4	1.8	2.4	1.5	1.8	1.4
<b>Y (ppm)</b>	8.9	10.7	5.4	10.1	11.6	11.7	11.9	10.2	6.9
<b>Zn (ppm)</b>	24	12	4	13	14	60	24	12	11
<b>Zr (ppm)</b>	4.7	5.2	30	5.2	6.1	10.8	8.3	19	20.6
<b>Al2O3 (%)</b>	14.49	15.21	13.75	15.21	14.73	15.06	15.21	13.87	13.49
<b>CaO (%)</b>	2.63	2.70	1.55	2.35	4.13	2.07	3.29	2.11	1.62
<b>FeO (%)</b>	3.65	3.20	1.62	2.01	3.90	1.62	2.74	1.05	0.62
<b>K2O (%)</b>	3.39	3.33	1.00	3.34	1.82	1.60	2.37	3.39	4.04
<b>MgO (%)</b>	2.32	2.62	1.18	2.25	2.29	2.32	2.37	1.46	1.04
<b>Na2O (%)</b>	2.99	3.28	5.55	3.11	3.15	5.49	3.80	3.95	3.87
<b>P2O5 (%)</b>	0.28	0.35	0.18	0.33	0.30	0.31	0.35	0.22	0.18
<b>TiO2 (%)</b>	0.53	0.55	0.31	0.45	0.55	0.47	0.52	0.34	0.25
<b>SO3 (%)</b>	1.10	1.20	2.28	1.95	2.40	1.55	1.35	0.83	0.45
<b>Total (%)</b>	31.38	32.43	27.42	30.99	33.27	30.49	32.00	27.21	25.56
<b>SiO2 (%)</b>	66.42	65.30	70.67	66.84	64.40	67.37	65.76	70.88	72.65
<b>Al_m</b>	0.28	0.30	0.27	0.30	0.29	0.30	0.30	0.27	0.26
<b>Ca_m</b>	0.05	0.05	0.03	0.04	0.07	0.04	0.06	0.04	0.03
<b>K_m</b>	0.07	0.07	0.02	0.07	0.04	0.03	0.05	0.07	0.09
<b>Na_m</b>	0.10	0.11	0.18	0.10	0.10	0.18	0.12	0.13	0.12
<b>K_Al</b>	0.25	0.24	0.08	0.24	0.13	0.12	0.17	0.27	0.32
<b>Na_Al</b>	0.34	0.35	0.66	0.34	0.35	0.60	0.41	0.47	0.47
<b>Plag</b>	0.51	0.52	0.77	0.48	0.61	0.72	0.61	0.61	0.58

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	304200	304171	304038	304018	303997	305124	304797	304649	303975
<b>North (NAD 27)</b>	4317554	4317575	4317885	4317900	4317917	4316373	4316337	4316233	4317934
<b>Classification</b>	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plag-KSpar	Sericite	Plag-KSpar	Plag-KSpar	Plag-KSpar	Sericite
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	G909046	G909047	G909048	G909049	G909050	G909101	G909102	G909103	G909104
<b>Lithology</b>	null	null	null	null	null	Porphyry	Porphyry	Porphyry	null
<b>Ag (ppm)</b>	0.89	1.58	0.22	0.57	0.72	0.05	0.01	0.01	0.76
<b>Al (%)</b>	7.43	7.4	7.13	7.52	6.97	7.42	7.26	7.44	7.38
<b>As (ppm)</b>	-0.2	0.4	-0.2	2	1.6	2.5	0.8	1	16.4
<b>Ba (ppm)</b>	780	1440	1050	1060	2350	1620	1800	1640	1440
<b>Be (ppm)</b>	1.38	1.96	1.62	1.86	1	1.65	1.73	1.76	1.22
<b>Bi (ppm)</b>	0.5	0.95	0.08	0.35	0.35	0.1	0.1	0.13	1.14
<b>Ca (%)</b>	1.65	1.15	1.4	1.51	0.79	2.41	1.79	1.72	1.26
<b>Cd (ppm)</b>	-0.02	0.03	0.03	-0.02	0.02	0.02	0.02	-0.02	0.02
<b>Ce (ppm)</b>	51.5	50.9	29.4	45.4	32.3	41.2	30.1	47.2	31.8
<b>Co (ppm)</b>	3.9	3.4	4.7	7.6	5.2	4.6	4	3.2	19.3
<b>Cr (ppm)</b>	16	12	13	17	11	19	20	21	13
<b>Cs (ppm)</b>	1.45	1.8	0.78	1.75	1.31	0.69	0.4	0.49	1.76
<b>Cu (ppm)</b>	2550	6040	1970	4770	5000	134	18.1	14.9	6080
<b>Fe (%)</b>	0.99	0.96	1.23	2.39	1.43	1.51	1.05	1.08	2.54
<b>Ga (ppm)</b>	17.9	19.9	20.4	21.8	18.55	20.1	20.8	21.6	20.5
<b>Ge (ppm)</b>	0.32	0.12	0.1	0.15	0.12	0.11	0.11	0.12	0.13
<b>Hf (ppm)</b>	0.9	0.8	1.2	0.4	1.1	1.4	1.7	1.8	1.4
<b>In (ppm)</b>	0.014	0.029	0.026	0.049	0.082	0.024	0.025	0.094	0.116
<b>K (%)</b>	2.3	3.66	2.24	2.25	4.27	2.72	3.57	3.83	3.55
<b>La (ppm)</b>	22.2	24.9	14.4	22.6	17.6	19.8	12.9	23.6	17.2
<b>Li (ppm)</b>	8.2	7	6.5	10	6	4.5	4.2	3.5	7.3
<b>Mg (%)</b>	1.19	0.78	0.72	1.45	0.5	0.66	0.52	0.57	1.08
<b>Mn (ppm)</b>	44	37	91	162	64	228	113	119	94
<b>Mo (ppm)</b>	924	25	14.65	66.2	20.9	1.11	0.76	0.51	18.55
<b>Na (%)</b>	3.21	2.6	3.18	2.57	1.44	3.02	3.02	2.99	1.67
<b>Nb (ppm)</b>	1.4	1.4	1.6	2.5	1.5	3	3	2.9	1.5
<b>Ni (ppm)</b>	15.2	11.8	8.7	20.3	6.1	9.8	8.3	9.3	11
<b>P (ppm)</b>	1350	950	490	1150	590	910	600	780	660
<b>Pb (ppm)</b>	4.8	7.8	6.1	3.2	4.7	5.5	3.8	3.3	3
<b>Rb (ppm)</b>	73.7	102	56.3	71.8	100	55.5	76.4	91.8	88.6
<b>Re (ppm)</b>	1.195	0.021	0.023	0.076	0.036	-0.002	-0.002	-0.002	0.061
<b>S (%)</b>	0.26	0.47	0.9	0.67	0.73	0.03	0.02	0.01	1.38
<b>Sb (ppm)</b>	0.35	0.23	1.01	0.68	0.79	1.65	1.08	1.55	1.36

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	304200	304171	304038	304018	303997	305124	304797	304649	303975
<b>North (NAD 27)</b>	4317554	4317575	4317885	4317900	4317917	4316373	4316337	4316233	4317934
<b>Classification</b>	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plag-KSpar	Sericite	Plag-KSpar	Plag-KSpar	Plag-KSpar	Sericite
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	G909046	G909047	G909048	G909049	G909050	G909101	G909102	G909103	G909104
<b>Lithology</b>	null	null	null	null	null	Porphyry	Porphyry	Porphyry	null
<b>Sc (ppm)</b>	10.1	7	5.9	12.5	4.2	6	5.4	6.5	6.8
<b>Se (ppm)</b>	4	6	3	5	4	1	1	1	7
<b>Sn (ppm)</b>	1.3	1.4	0.8	1.5	1	0.7	0.7	0.8	1.5
<b>Sr (ppm)</b>	805	833	608	465	383	1200	858	791	553
<b>Ta (ppm)</b>	0.1	0.09	0.1	0.15	0.11	0.19	0.21	0.19	0.11
<b>Te (ppm)</b>	0.1	0.11	0.06	0.23	0.09	-0.05	-0.05	-0.05	0.63
<b>Th (ppm)</b>	6.5	8.5	5	8.5	7.8	5.9	6.6	7.1	6
<b>Ti (%)</b>	0.23	0.166	0.177	0.29	0.122	0.267	0.222	0.241	0.192
<b>Tl (ppm)</b>	0.38	0.48	0.26	0.35	0.49	0.22	0.21	0.29	0.4
<b>U (ppm)</b>	1.5	2.1	2.2	2.6	2.1	2.5	2.5	3.4	3
<b>V (ppm)</b>	100	70	59	112	38	62	47	55	80
<b>W (ppm)</b>	2.7	2.2	1.6	2	2	0.6	0.8	0.6	1.5
<b>Y (ppm)</b>	6.6	7.5	5.2	10.9	4.7	5.9	5.2	6.3	5.8
<b>Zn (ppm)</b>	10	11	10	15	8	17	9	9	14
<b>Zr (ppm)</b>	27	16.6	30.9	9.9	27.2	40.8	46.1	50.7	38.9
<b>Al2O3 (%)</b>	14.04	13.98	13.47	14.21	13.17	14.02	13.71	14.05	13.94
<b>CaO (%)</b>	2.31	1.61	1.96	2.11	1.11	3.37	2.50	2.41	1.76
<b>FeO (%)</b>	1.27	1.23	1.58	3.07	1.84	1.94	1.35	1.39	3.27
<b>K2O (%)</b>	2.77	4.41	2.70	2.71	5.15	3.28	4.30	4.62	4.28
<b>MgO (%)</b>	1.97	1.29	1.19	2.40	0.83	1.09	0.86	0.95	1.79
<b>Na2O (%)</b>	4.33	3.50	4.29	3.46	1.94	4.07	4.07	4.03	2.25
<b>P2O5 (%)</b>	0.31	0.22	0.11	0.26	0.14	0.21	0.14	0.18	0.15
<b>TiO2 (%)</b>	0.38	0.28	0.30	0.48	0.20	0.45	0.37	0.40	0.32
<b>SO3 (%)</b>	0.65	1.18	2.25	1.68	1.83	0.08	0.05	0.03	3.45
<b>Total (%)</b>	28.03	27.70	27.85	30.39	26.19	28.50	27.36	28.05	31.21
<b>SiO2 (%)</b>	70.01	70.36	70.20	67.48	71.98	69.50	70.72	69.99	66.60
<b>Al_m</b>	0.28	0.27	0.26	0.28	0.26	0.27	0.27	0.28	0.27
<b>Ca_m</b>	0.04	0.03	0.04	0.04	0.02	0.06	0.04	0.04	0.03
<b>K_m</b>	0.06	0.09	0.06	0.06	0.11	0.07	0.09	0.10	0.09
<b>Na_m</b>	0.14	0.11	0.14	0.11	0.06	0.13	0.13	0.13	0.07
<b>K_Al</b>	0.21	0.34	0.22	0.21	0.42	0.25	0.34	0.36	0.33
<b>Na_Al</b>	0.51	0.41	0.52	0.40	0.24	0.48	0.49	0.47	0.27
<b>Plag</b>	0.66	0.52	0.66	0.54	0.32	0.70	0.65	0.63	0.38

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	303954	303933	303911	303890	303868	303847	303826	303808
<b>North (NAD 27)</b>	4317950	4317967	4317983	4318000	4318016	4318033	4318049	4318063
<b>Classification</b>	Albite-KSpar-Sericite	Albite	Albite	Plag-KSpar	Plagioclase	Albite-KSpar-Sericite	Plag-KSpar	Plagioclase
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	G909105	G909106	G909107	G909108	G909109	G909110	G909111	G909112
<b>Lithology</b>	null	null	null	null	null	null	null	null
<b>Ag (ppm)</b>	0.53	0.24	0.24	0.22	0.21	0.33	0.5	0.36
<b>Al (%)</b>	6.8	6.5	6.91	7.04	7.48	6.99	7.98	7.98
<b>As (ppm)</b>	2.2	0.3	0.4	4.5	0.9	-0.2	0.5	1.6
<b>Ba (ppm)</b>	940	150	390	1240	410	1910	540	200
<b>Be (ppm)</b>	1.57	1.35	1.67	1.79	2.86	1.38	2.53	2.77
<b>Bi (ppm)</b>	0.16	0.12	0.39	0.18	0.12	0.22	0.18	0.14
<b>Ca (%)</b>	0.8	0.59	0.63	1.21	1.54	0.7	1.56	1.67
<b>Cd (ppm)</b>	0.02	-0.02	-0.02	-0.02	-0.02	-0.02	0.02	-0.02
<b>Ce (ppm)</b>	35.7	25.7	40.3	30.6	48.9	45.1	53.8	48
<b>Co (ppm)</b>	20.3	8	4.2	5.9	5.6	2.3	7.9	6.1
<b>Cr (ppm)</b>	12	12	14	13	14	12	12	9
<b>Cs (ppm)</b>	1.11	0.55	1.02	1.41	1.09	0.71	1.36	1.45
<b>Cu (ppm)</b>	7120	3440	3990	1625	2030	4070	6790	3920
<b>Fe (%)</b>	1.8	1.02	1.05	1.13	1.28	0.79	1.94	1.31
<b>Ga (ppm)</b>	17.7	18.7	20.9	20.5	24.1	17.1	21.6	20
<b>Ge (ppm)</b>	0.13	0.11	0.11	0.09	0.11	0.11	0.12	0.13
<b>Hf (ppm)</b>	1.3	1	1.1	1.2	0.6	0.7	0.7	0.5
<b>In (ppm)</b>	0.058	0.032	0.077	0.021	0.023	0.041	0.046	0.03
<b>K (%)</b>	2.61	0.61	1.42	2.33	1.5	3.12	1.74	0.95
<b>La (ppm)</b>	19.1	13.8	20.7	15.1	25.3	23.4	27.9	20.2
<b>Li (ppm)</b>	3.6	5.5	5.7	6.4	11.2	4.4	8.5	7.9
<b>Mg (%)</b>	0.49	0.59	0.68	0.48	1.35	0.45	1.25	1.16
<b>Mn (ppm)</b>	39	45	43	60	73	37	56	67
<b>Mo (ppm)</b>	2.9	15.6	6.06	27.5	43.8	155.5	17.05	98.2
<b>Na (%)</b>	2.73	4.48	3.85	3.15	3.64	2.87	2.95	3.51
<b>Nb (ppm)</b>	1.6	1.4	1.8	1.6	3.5	1.3	2.6	2
<b>Ni (ppm)</b>	8.4	6.8	8.8	9.1	16.5	6	16.4	14.6
<b>P (ppm)</b>	540	510	590	570	1380	560	1260	1290
<b>Pb (ppm)</b>	3.7	2.7	3.9	5.4	3.4	4.9	3.3	4.2
<b>Rb (ppm)</b>	55.5	22	50.2	53.1	51	57.6	69.6	36.3
<b>Re (ppm)</b>	0.006	0.025	0.009	0.015	0.015	0.141	0.034	0.073
<b>S (%)</b>	1.54	0.82	0.59	0.43	0.34	0.47	0.89	0.77
<b>Sb (ppm)</b>	1.43	0.47	0.36	1.99	0.58	0.21	0.4	0.65

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	303954	303933	303911	303890	303868	303847	303826	303808
<b>North (NAD 27)</b>	4317950	4317967	4317983	4318000	4318016	4318033	4318049	4318063
<b>Classification</b>	Albite-KSpar-Sericite	Albite	Albite	Plag-KSpar	Plagioclase	Albite-KSpar-Sericite	Plag-KSpar	Plagioclase
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	G909105	G909106	G909107	G909108	G909109	G909110	G909111	G909112
<b>Lithology</b>	null	null	null	null	null	null	null	null
<b>Sc (ppm)</b>	4.6	3.9	5.8	4.9	10.5	4.8	10.7	10
<b>Se (ppm)</b>	9	4	4	2	3	4	6	5
<b>Sn (ppm)</b>	1	1	1.4	0.8	1.3	1.1	2.2	1.8
<b>Sr (ppm)</b>	603	213	338	459	617	480	805	876
<b>Ta (ppm)</b>	0.11	0.09	0.11	0.11	0.22	0.09	0.16	0.13
<b>Te (ppm)</b>	0.17	0.08	-0.05	0.06	-0.05	0.06	0.07	0.06
<b>Th (ppm)</b>	5.3	6.1	7.3	5.8	9.9	7.7	14.8	10.9
<b>Ti (%)</b>	0.132	0.118	0.161	0.162	0.35	0.114	0.274	0.215
<b>Tl (ppm)</b>	0.24	0.07	0.24	0.29	0.26	0.29	0.37	0.21
<b>U (ppm)</b>	2.8	1.4	1.5	2	3.2	1.6	4	4.1
<b>V (ppm)</b>	46	37	57	48	108	42	109	93
<b>W (ppm)</b>	1.1	1.6	1.2	1.4	2.2	1.5	2.6	3.6
<b>Y (ppm)</b>	5.3	3.4	5.6	4.5	11.6	5.1	11.9	14.1
<b>Zn (ppm)</b>	7	5	8	11	12	5	9	10
<b>Zr (ppm)</b>	35.2	23.3	28.8	33.4	13.1	16.4	11.9	9.5
<b>Al2O3 (%)</b>	12.85	12.28	13.05	13.30	14.13	13.20	15.07	15.07
<b>CaO (%)</b>	1.12	0.83	0.88	1.69	2.15	0.98	2.18	2.34
<b>FeO (%)</b>	2.31	1.31	1.35	1.45	1.65	1.02	2.49	1.68
<b>K2O (%)</b>	3.15	0.74	1.71	2.81	1.81	3.76	2.10	1.14
<b>MgO (%)</b>	0.81	0.98	1.13	0.80	2.24	0.75	2.07	1.92
<b>Na2O (%)</b>	3.68	6.04	5.19	4.25	4.91	3.87	3.98	4.73
<b>P2O5 (%)</b>	0.12	0.12	0.14	0.13	0.32	0.13	0.29	0.30
<b>TiO2 (%)</b>	0.22	0.20	0.27	0.27	0.58	0.19	0.46	0.36
<b>SO3 (%)</b>	3.85	2.05	1.48	1.08	0.85	1.18	2.23	1.93
<b>Total (%)</b>	28.11	24.53	25.19	25.77	28.63	25.07	30.87	29.47
<b>SiO2 (%)</b>	69.92	73.75	73.04	72.43	69.36	73.18	66.97	68.46
<b>Al_m</b>	0.25	0.24	0.26	0.26	0.28	0.26	0.30	0.30
<b>Ca_m</b>	0.02	0.01	0.02	0.03	0.04	0.02	0.04	0.04
<b>K_m</b>	0.07	0.02	0.04	0.06	0.04	0.08	0.04	0.02
<b>Na_m</b>	0.12	0.19	0.17	0.14	0.16	0.12	0.13	0.15
<b>K_Al</b>	0.27	0.06	0.14	0.23	0.14	0.31	0.15	0.08
<b>Na_Al</b>	0.47	0.81	0.65	0.53	0.57	0.48	0.43	0.52
<b>Plag</b>	0.55	0.87	0.72	0.64	0.71	0.55	0.57	0.66

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	303907	303893	303878	303864	303850	304518	304501	304414	304436
<b>North (NAD 27)</b>	4316952	4316898	4316844	4316790	4316736	4317143	4317167	4316585	4316647
<b>Classification</b>	Plag-KSpar	Plag-KSpar	Plagioclase	Sericite-Albite	Plagioclase	Plag-KSpar	Sericite-Albite	Plag-KSpar	Plag-KSpar
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	G909113	G909114	G909115	G909116	G909117	G909172	G909173	G909174	G909175
<b>Lithology</b>	null	null	null	null	null	McLeod QMD	Porphyry	McLeod QMD	Porphyry
<b>Ag (ppm)</b>	0.08	0.06	0.03	0.02	0.04	0.06	0.01	-0.01	-0.01
<b>Al (%)</b>	7.95	7.93	7.95	7.45	7.44	7.86	7.72	7.81	7.41
<b>As (ppm)</b>	0.7	4.4	2.9	1.3	0.5	4	8.4	3.8	3.3
<b>Ba (ppm)</b>	1240	1260	770	230	430	750	820	1140	1800
<b>Be (ppm)</b>	1.87	1.89	1.68	1.9	1.44	2.02	1.59	1.83	1.37
<b>Bi (ppm)</b>	0.27	0.73	0.79	1.48	0.15	0.07	0.19	0.06	0.13
<b>Ca (%)</b>	2.3	2.81	1.63	0.84	3.53	2.11	0.29	3.29	2.21
<b>Cd (ppm)</b>	0.02	0.04	-0.02	-0.02	0.05	-0.02	-0.02	0.03	-0.02
<b>Ce (ppm)</b>	49.1	47.8	45.3	63.5	47.2	53.1	22.2	55.6	32.5
<b>Co (ppm)</b>	14.4	15.3	10.9	10.4	9.5	6.6	1.7	14	1.4
<b>Cr (ppm)</b>	12	13	12	12	11	7	10	10	13
<b>Cs (ppm)</b>	1.49	2.77	1.91	2.32	0.63	2.08	0.93	0.97	0.54
<b>Cu (ppm)</b>	900	173.5	622	115.5	605	564	179	46.1	19.9
<b>Fe (%)</b>	2.58	3.35	2.94	3.05	2.5	3.17	1.59	3.38	1.78
<b>Ga (ppm)</b>	21.9	21.3	22.3	21.4	22.9	24.3	20	24	17.9
<b>Ge (ppm)</b>	0.15	0.12	0.14	0.16	0.17	0.24	0.14	0.26	0.16
<b>Hf (ppm)</b>	0.9	0.9	0.7	1.4	0.8	0.8	1.2	0.7	1.1
<b>In (ppm)</b>	0.055	0.095	0.066	0.089	0.051	0.057	0.016	0.037	0.022
<b>K (%)</b>	2.52	2.64	1.62	2.75	1.08	1.36	2.59	2.18	2.54
<b>La (ppm)</b>	23.6	22.9	21.2	30.9	22.1	30.2	12.6	26.5	19.1
<b>Li (ppm)</b>	6.4	5.6	7.3	7.8	5.2	8	5.9	4.1	2.6
<b>Mg (%)</b>	0.97	1.18	1.31	0.86	1.15	1.33	0.49	1.22	0.4
<b>Mn (ppm)</b>	167	452	107	80	300	133	25	465	153
<b>Mo (ppm)</b>	1.99	2.73	7.44	2.01	2.6	3.1	5.07	1.55	3.31
<b>Na (%)</b>	2.75	2.75	3.76	2.16	3.61	3.11	2.09	3.09	2.84
<b>Nb (ppm)</b>	5.1	5.1	2.8	2.3	5.1	5.1	0.9	5.7	2.6
<b>Ni (ppm)</b>	13.4	17.9	15.4	14.4	16.2	12.4	4.3	15.4	3.6
<b>P (ppm)</b>	970	1150	1290	1130	1130	1800	630	1450	810
<b>Pb (ppm)</b>	6.3	9.5	3.4	2.1	4.9	4	1.5	5.9	3.8
<b>Rb (ppm)</b>	65.1	84.3	54.7	107	32.9	40.8	77.3	57.9	54.4
<b>Re (ppm)</b>	-0.002	-0.002	0.006	-0.002	-0.002	0.002	-0.002	0.002	-0.002
<b>S (%)</b>	0.53	0.7	1.55	3.13	0.15	0.01	0.05	0.01	0.1
<b>Sb (ppm)</b>	0.42	0.67	0.6	0.56	0.85	0.7	0.35	0.66	0.64

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	303907	303893	303878	303864	303850	304518	304501	304414	304436
<b>North (NAD 27)</b>	4316952	4316898	4316844	4316790	4316736	4317143	4317167	4316585	4316647
<b>Classification</b>	Plag-KSpar	Plag-KSpar	Plagioclase	Sericite-Albite	Plagioclase	Plag-KSpar	Sericite-Albite	Plag-KSpar	Plag-KSpar
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	G909113	G909114	G909115	G909116	G909117	G909172	G909173	G909174	G909175
<b>Lithology</b>	null	null	null	null	null	McLeod QMD	Porphyry	McLeod QMD	Porphyry
<b>Sc (ppm)</b>	8.1	10.5	10.6	8.2	11	11.3	4.8	11.3	4.4
<b>Se (ppm)</b>	2	2	2	6	2	2	3	2	2
<b>Sn (ppm)</b>	1.1	0.9	0.9	0.9	1	2	2.7	1.1	0.5
<b>Sr (ppm)</b>	1005	948	721	292	925	848	240	1070	1170
<b>Ta (ppm)</b>	0.36	0.36	0.18	0.17	0.35	0.36	0.07	0.4	0.18
<b>Te (ppm)</b>	0.38	0.87	0.98	1.69	0.1	0.05	0.16	-0.05	0.24
<b>Th (ppm)</b>	12.4	10.7	8	7.6	9.7	8.1	6.6	9.7	5.7
<b>Ti (%)</b>	0.354	0.397	0.285	0.217	0.408	0.458	0.115	0.442	0.249
<b>Tl (ppm)</b>	0.26	0.32	0.24	0.51	0.13	0.27	0.33	0.22	0.24
<b>U (ppm)</b>	5.1	5.9	3.5	4	4.1	2.5	2.8	3.2	2.6
<b>V (ppm)</b>	89	103	108	70	105	136	63	116	57
<b>W (ppm)</b>	1.1	1.2	1.5	1.9	1.1	2.3	3.4	1.5	0.9
<b>Y (ppm)</b>	11.4	11.6	11	10.4	11.4	11.8	3.7	13.2	4.5
<b>Zn (ppm)</b>	20	52	9	9	25	13	4	37	8
<b>Zr (ppm)</b>	20.7	16.5	14.4	41.3	15.7	16.6	35.6	13.9	34.1
<b>Al2O3 (%)</b>	15.02	14.98	15.02	14.07	14.05	14.85	14.58	14.75	14.00
<b>CaO (%)</b>	3.22	3.93	2.28	1.18	4.94	2.95	0.41	4.60	3.09
<b>FeO (%)</b>	3.32	4.31	3.78	3.92	3.22	4.08	2.04	4.35	2.29
<b>K2O (%)</b>	3.04	3.18	1.95	3.31	1.30	1.64	3.12	2.63	3.06
<b>MgO (%)</b>	1.61	1.96	2.17	1.43	1.91	2.21	0.81	2.02	0.66
<b>Na2O (%)</b>	3.71	3.71	5.07	2.91	4.87	4.19	2.82	4.17	3.83
<b>P2O5 (%)</b>	0.22	0.26	0.30	0.26	0.26	0.41	0.14	0.33	0.19
<b>TiO2 (%)</b>	0.59	0.66	0.48	0.36	0.68	0.76	0.19	0.74	0.42
<b>SO3 (%)</b>	1.33	1.75	3.88	7.83	0.38	0.03	0.13	0.03	0.25
<b>Total (%)</b>	32.04	34.74	34.92	35.27	31.60	31.11	24.25	33.61	27.78
<b>SiO2 (%)</b>	65.71	62.83	62.64	62.26	66.19	66.71	74.06	64.04	70.27
<b>Al_m</b>	0.29	0.29	0.29	0.28	0.28	0.29	0.29	0.29	0.27
<b>Ca_m</b>	0.06	0.07	0.04	0.02	0.09	0.05	0.01	0.08	0.06
<b>K_m</b>	0.06	0.07	0.04	0.07	0.03	0.03	0.07	0.06	0.07
<b>Na_m</b>	0.12	0.12	0.16	0.09	0.16	0.14	0.09	0.13	0.12
<b>K_Al</b>	0.22	0.23	0.14	0.26	0.10	0.12	0.23	0.19	0.24
<b>Na_Al</b>	0.41	0.41	0.56	0.34	0.57	0.46	0.32	0.46	0.45
<b>Plag</b>	0.60	0.65	0.69	0.42	0.89	0.65	0.34	0.75	0.65

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	304407	302908	302874	302860	302931	302930	302754	302901
<b>North (NAD 27)</b>	4316964	4318908	4318747	4318597	4318645	4318520	4318332	4318219
<b>Classification</b>	Albite	Sericite	Albite-KSpar-Sericite	Albite-KSpar-Sericite	Albite-KSpar-Sericite	Sericite-Albite	Sericite	Sericite
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	G909176	H437225	H437226	H437227	H437228	H437229	H437230	H437231
<b>Lithology</b>	Porphyry	McLeod	Volcanic	Volcanic	Porphyry	Bear	Bear	Porphyry
<b>Ag (ppm)</b>	0.01	0.1	0.02	0.03	0.02	0.1	0.04	0.09
<b>Al (%)</b>	7.36	7.66	6.72	6.01	7.12	6.28	7.17	7.01
<b>As (ppm)</b>	4.2	147	2.3	4.9	23.6	25.8	3.7	7.3
<b>Ba (ppm)</b>	410	900	950	920	900	1470	930	3160
<b>Be (ppm)</b>	1.82	6.47	1.22	1.33	1.59	1.29	0.38	1.68
<b>Bi (ppm)</b>	0.46	1.27	0.06	0.12	0.43	0.22	0.27	0.07
<b>Ca (%)</b>	0.63	0.21	0.36	0.66	0.37	0.45	0.08	1.57
<b>Cd (ppm)</b>	0.02	-0.02	-0.02	0.06	0.03	-0.02	-0.02	0.07
<b>Ce (ppm)</b>	22.6	79.4	37.5	36.8	58	79.9	65.2	49.4
<b>Co (ppm)</b>	0.7	3.1	9.5	10.5	2.1	10.6	0.3	4.3
<b>Cr (ppm)</b>	12	5	21	6	21	14	8	15
<b>Cs (ppm)</b>	0.37	2.93	0.35	2.43	1.2	1.68	0.9	0.77
<b>Cu (ppm)</b>	16.1	72.1	6.8	5.8	80	403	59.6	31.7
<b>Fe (%)</b>	1.22	3.72	3.55	1.31	1.5	2.28	0.32	0.57
<b>Ga (ppm)</b>	20.1	24.9	16.55	10.55	20.4	15.15	13.2	19.2
<b>Ge (ppm)</b>	0.15	0.15	0.12	0.08	0.1	0.11	0.09	0.09
<b>Hf (ppm)</b>	1.9	1.5	1.2	2.5	2.2	1.2	0.8	1.9
<b>In (ppm)</b>	0.012	0.135	0.019	0.015	0.037	0.023	0.018	0.01
<b>K (%)</b>	0.63	2.66	2.14	2.11	1.89	1.75	3.1	5.56
<b>La (ppm)</b>	14.6	37.6	18.2	21.3	28.3	39	32.3	24.6
<b>Li (ppm)</b>	2.2	10.6	8.4	5.6	10	16.2	1	2.4
<b>Mg (%)</b>	0.11	0.91	1.12	0.13	0.37	0.83	0.06	0.19
<b>Mn (ppm)</b>	41	73	219	356	85	287	18	433
<b>Mo (ppm)</b>	1.81	2.36	0.28	0.71	1.45	2.27	1.54	0.66
<b>Na (%)</b>	4.82	0.32	3.55	2.62	3.4	2.6	0.24	2.27
<b>Nb (ppm)</b>	2.6	4	3.4	6.3	3.4	2.8	2.6	3.9
<b>Ni (ppm)</b>	1	10.2	14.7	2.6	8.8	15.6	1	10.5
<b>P (ppm)</b>	310	1580	1030	80	630	1010	1500	1570
<b>Pb (ppm)</b>	2.6	9.9	3.1	5.8	5.7	3.8	298	4.7
<b>Rb (ppm)</b>	25.4	141.5	44.9	89	61.1	54.5	104	109
<b>Re (ppm)</b>	-0.002	0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.11	0.14	0.01	0.01	0.01	0.02	0.19	0.02
<b>Sb (ppm)</b>	0.57	8.85	0.73	0.71	0.88	1.4	2.34	0.86

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	304407	302908	302874	302860	302931	302930	302754	302901
<b>North (NAD 27)</b>	4316964	4318908	4318747	4318597	4318645	4318520	4318332	4318219
<b>Classification</b>	Albite	Sericite	Albite-KSpar-Sericite	Albite-KSpar-Sericite	Albite-KSpar-Sericite	Sericite-Albite	Sericite	Sericite
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	G909176	H437225	H437226	H437227	H437228	H437229	H437230	H437231
<b>Lithology</b>	Porphyry	McLeod	Volcanic	Volcanic	Porphyry	Bear	Bear	Porphyry
<b>Sc (ppm)</b>	4.6	11.6	6.1	2.4	6.2	7.4	3.1	6.4
<b>Se (ppm)</b>	4	3	1	1	1	1	2	1
<b>Sn (ppm)</b>	0.6	2.1	0.9	1.3	0.7	0.7	1.5	0.9
<b>Sr (ppm)</b>	634	669	223	90.9	395	287	2100	787
<b>Ta (ppm)</b>	0.19	0.29	0.24	0.57	0.23	0.18	0.18	0.27
<b>Te (ppm)</b>	0.67	1.32	-0.05	-0.05	0.28	0.24	0.2	-0.05
<b>Th (ppm)</b>	7.1	29.4	6.3	15.6	6.5	5.1	9.1	7.8
<b>Ti (%)</b>	0.2	0.23	0.304	0.051	0.314	0.275	0.253	0.292
<b>Tl (ppm)</b>	0.08	0.7	0.11	0.29	0.33	0.42	0.93	0.56
<b>U (ppm)</b>	2.8	9.5	1.7	3.7	5.1	2.7	1.8	3.4
<b>V (ppm)</b>	41	268	49	8	87	87	71	53
<b>W (ppm)</b>	1.6	5.5	1.7	1.3	3.3	2.1	2.2	1.7
<b>Y (ppm)</b>	3.4	6.6	9.1	10.9	8.7	10.3	1.4	10.7
<b>Zn (ppm)</b>	2	12	23	14	18	41	2	12
<b>Zr (ppm)</b>	61.3	47.7	27.7	72	67	38.5	21.7	47.9
<b>Al2O3 (%)</b>	13.90	14.47	12.69	11.35	13.45	11.86	13.54	13.24
<b>CaO (%)</b>	0.88	0.29	0.50	0.92	0.52	0.63	0.11	2.20
<b>FeO (%)</b>	1.57	4.78	4.57	1.68	1.93	2.93	0.41	0.73
<b>K2O (%)</b>	0.76	3.21	2.58	2.54	2.28	2.11	3.74	6.70
<b>MgO (%)</b>	0.18	1.51	1.86	0.22	0.61	1.38	0.10	0.32
<b>Na2O (%)</b>	6.50	0.43	4.79	3.53	4.58	3.50	0.32	3.06
<b>P2O5 (%)</b>	0.07	0.36	0.24	0.02	0.14	0.23	0.34	0.36
<b>TiO2 (%)</b>	0.33	0.38	0.51	0.09	0.52	0.46	0.42	0.49
<b>SO3 (%)</b>	0.28	0.35	0.03	0.03	0.03	0.05	0.48	0.05
<b>Total (%)</b>	24.47	25.79	27.75	20.38	24.06	23.15	19.47	27.14
<b>SiO2 (%)</b>	73.82	72.41	70.31	78.19	74.25	75.22	79.17	70.96
<b>Al_m</b>	0.27	0.28	0.25	0.22	0.26	0.23	0.27	0.26
<b>Ca_m</b>	0.02	0.01	0.01	0.02	0.01	0.01	0.00	0.04
<b>K_m</b>	0.02	0.07	0.05	0.05	0.05	0.04	0.08	0.14
<b>Na_m</b>	0.21	0.01	0.15	0.11	0.15	0.11	0.01	0.10
<b>K_Al</b>	0.06	0.24	0.22	0.24	0.18	0.19	0.30	0.55
<b>Na_Al</b>	0.77	0.05	0.62	0.51	0.56	0.49	0.04	0.38
<b>Plag</b>	0.83	0.07	0.66	0.59	0.60	0.53	0.05	0.53

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	302736	302776	302641	302511	302643	302810	302849	302913
<b>North (NAD 27)</b>	4318179	4318113	4318043	4317941	4317776	4317666	4317664	4317641
<b>Classification</b>	Albite-KSpar-Sericite	Albite-KSpar-Sericite	Albite	Sericite	Plag-KSpar	Sericite	Albite-KSpar-Sericite	Sericite
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	H437232	H437233	H437234	H437235	H437236	H437237	H437238	H437239
<b>Lithology</b>	Porphyry	Porphyry	Volcanic	Volcanic	Volcanic	Bear (graphic txt.)	Porphyry	Bear
<b>Ag (ppm)</b>	0.04	0.05	0.02	0.06	0.11	0.03	0.03	0.03
<b>Al (%)</b>	6.95	6.96	6.47	7.08	7.69	7.71	8.23	5.3
<b>As (ppm)</b>	6.7	20.8	5.1	7.8	11.5	3.1	13.8	2.6
<b>Ba (ppm)</b>	3110	1240	250	1510	1780	490	1460	150
<b>Be (ppm)</b>	1.53	1.69	1.28	2.54	1.94	1.89	1.95	0.73
<b>Bi (ppm)</b>	0.19	0.3	0.33	0.16	0.22	0.51	0.12	0.09
<b>Ca (%)</b>	0.24	0.22	0.25	1.32	2.16	0.07	0.39	0.05
<b>Cd (ppm)</b>	0.03	0.02	-0.02	0.1	0.09	-0.02	0.02	-0.02
<b>Ce (ppm)</b>	73.8	47	18.7	73.3	64.4	24.2	65.8	15.2
<b>Co (ppm)</b>	2.2	0.5	0.5	4	5.2	0.2	2.5	0.3
<b>Cr (ppm)</b>	6	8	4	3	6	4	8	4
<b>Cs (ppm)</b>	1.35	1.06	0.83	4.71	5.22	2.68	1.82	2
<b>Cu (ppm)</b>	189.5	28.4	24.2	6.2	8.6	10.5	64.7	49.3
<b>Fe (%)</b>	1.54	1.37	1.5	1.96	2.45	0.67	1.72	0.48
<b>Ga (ppm)</b>	21.8	18.65	16.25	17.2	19.8	26.2	23.8	11.35
<b>Ge (ppm)</b>	0.1	0.1	0.08	0.11	0.1	0.06	0.1	0.05
<b>Hf (ppm)</b>	1.9	1.9	1.7	2.7	3.2	3.6	1.9	2.4
<b>In (ppm)</b>	0.038	0.047	0.01	0.03	0.03	0.121	0.053	0.009
<b>K (%)</b>	2.87	2.34	0.75	3.79	3.74	3.94	2.22	2.28
<b>La (ppm)</b>	36.7	23.3	8.5	39.5	33.3	11.9	34.4	7.7
<b>Li (ppm)</b>	7.1	5.5	3.6	67.4	29.2	6.8	8.5	4.5
<b>Mg (%)</b>	0.31	0.17	0.14	0.16	0.26	0.47	0.2	0.08
<b>Mn (ppm)</b>	151	32	43	269	281	38	57	29
<b>Mo (ppm)</b>	2.47	2.57	1.49	1.33	0.95	1.66	1	0.94
<b>Na (%)</b>	3.16	3.4	4.5	1.95	2.31	0.09	4.12	0.08
<b>Nb (ppm)</b>	3	3.1	2.5	8.8	8.8	3.1	3.3	3
<b>Ni (ppm)</b>	6	1.2	2.2	1.8	2.5	1.2	5.6	1
<b>P (ppm)</b>	650	330	500	550	630	60	890	140
<b>Pb (ppm)</b>	9.9	4.4	4.7	24	22.1	2.5	5.4	2.7
<b>Rb (ppm)</b>	75.2	68.5	31.3	134	116.5	167.5	64.4	76.7
<b>Re (ppm)</b>	-0.002	0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.03	0.06	0.02	0.05	0.02	0.05	0.01	0.06
<b>Sb (ppm)</b>	0.62	0.8	0.61	2.96	2.67	1.94	2.03	2.54

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	302736	302776	302641	302511	302643	302810	302849	302913
<b>North (NAD 27)</b>	4318179	4318113	4318043	4317941	4317776	4317666	4317664	4317641
<b>Classification</b>	Albite-KSpar-Sericite	Albite-KSpar-Sericite	Albite	Sericite	Plag-KSpar	Sericite	Albite-KSpar-Sericite	Sericite
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	H437232	H437233	H437234	H437235	H437236	H437237	H437238	H437239
<b>Lithology</b>	Porphyry	Porphyry	Volcanic	Volcanic	Volcanic	Bear (graphic txt.)	Porphyry	Bear
<b>Sc (ppm)</b>	6.1	5.9	4.4	5.3	5.6	5.2	6.1	2.2
<b>Se (ppm)</b>	2	2	1	1	2	2	2	2
<b>Sn (ppm)</b>	0.6	0.6	0.6	1.6	1.7	0.8	0.8	0.6
<b>Sr (ppm)</b>	595	308	530	235	352	27.5	436	33.7
<b>Ta (ppm)</b>	0.19	0.22	0.18	0.7	0.71	0.28	0.24	0.26
<b>Te (ppm)</b>	0.1	0.34	0.19	-0.05	-0.05	0.3	0.05	0.05
<b>Th (ppm)</b>	6.4	7.2	7.9	12.5	11.1	12.6	9.3	12.5
<b>Ti (%)</b>	0.256	0.257	0.196	0.222	0.269	0.156	0.281	0.114
<b>Tl (ppm)</b>	0.58	0.42	0.19	0.79	0.7	0.76	0.34	0.4
<b>U (ppm)</b>	2.2	5.4	2.3	2.9	3.4	5.3	4.5	2.4
<b>V (ppm)</b>	64	74	39	31	44	65	71	53
<b>W (ppm)</b>	2.4	4.3	4.1	1.6	1.8	2.6	2.6	1.5
<b>Y (ppm)</b>	25	4.7	3	12.7	11.8	3.8	8.5	1.9
<b>Zn (ppm)</b>	54	10	5	63	71	11	13	4
<b>Zr (ppm)</b>	54.1	51.3	44.8	89.5	98.5	103	45.7	65.1
<b>Al2O3 (%)</b>	13.13	13.15	12.22	13.37	14.53	14.56	15.55	10.01
<b>CaO (%)</b>	0.34	0.31	0.35	1.85	3.02	0.10	0.55	0.07
<b>FeO (%)</b>	1.98	1.76	1.93	2.52	3.15	0.86	2.21	0.62
<b>K2O (%)</b>	3.46	2.82	0.90	4.57	4.51	4.75	2.68	2.75
<b>MgO (%)</b>	0.51	0.28	0.23	0.27	0.43	0.78	0.33	0.13
<b>Na2O (%)</b>	4.26	4.58	6.07	2.63	3.11	0.12	5.55	0.11
<b>P2O5 (%)</b>	0.15	0.08	0.11	0.13	0.14	0.01	0.20	0.03
<b>TiO2 (%)</b>	0.43	0.43	0.33	0.37	0.45	0.26	0.47	0.19
<b>SO3 (%)</b>	0.08	0.15	0.05	0.13	0.05	0.13	0.03	0.15
<b>Total (%)</b>	24.33	23.56	22.19	25.82	29.39	21.57	27.56	14.06
<b>SiO2 (%)</b>	73.97	74.79	76.25	72.37	68.55	76.92	70.51	84.96
<b>Al_m</b>	0.26	0.26	0.24	0.26	0.28	0.29	0.30	0.20
<b>Ca_m</b>	0.01	0.01	0.01	0.03	0.05	0.00	0.01	0.00
<b>K_m</b>	0.07	0.06	0.02	0.10	0.10	0.10	0.06	0.06
<b>Na_m</b>	0.14	0.15	0.20	0.08	0.10	0.00	0.18	0.00
<b>K_Al</b>	0.29	0.23	0.08	0.37	0.34	0.35	0.19	0.30
<b>Na_Al</b>	0.53	0.57	0.82	0.32	0.35	0.01	0.59	0.02
<b>Plag</b>	0.56	0.59	0.84	0.45	0.54	0.02	0.62	0.02

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	302956	302940	302847	302766	303428	303507	303504	303610
<b>North (NAD 27)</b>	4317599	4317444	4317501	4317528	4317044	4317069	4317156	4317162
<b>Classification</b>	Albite	Albite-KSpar-Sericite	Albite-KSpar-Sericite	Albite-KSpar-Sericite	Albite	Plag-KSpar	Sericite	Sericite
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	H437240	H437241	H437242	H437243	H437244	H437245	H437246	H437247
<b>Lithology</b>	Porphyry	Bear (graphic txt.)	Porphyry	Porphyry	Porphyry	Bear	Porphyry	Bear QM
<b>Ag (ppm)</b>	0.11	0.01	0.05	0.03	0.05	0.06	0.07	0.04
<b>Al (%)</b>	6.94	8.64	7.7	7.89	7.09	6.57	7.04	7.05
<b>As (ppm)</b>	54.7	39.5	38.7	20.1	14.2	1.4	22.1	2.2
<b>Ba (ppm)</b>	60	1020	2230	2170	860	1290	990	310
<b>Be (ppm)</b>	1.05	1.93	1.53	1.26	1.56	1.68	1.76	0.7
<b>Bi (ppm)</b>	0.85	0.24	0.39	0.39	0.33	0.08	1.75	0.19
<b>Ca (%)</b>	0.39	0.61	0.27	0.24	0.42	1.31	0.07	0.08
<b>Cd (ppm)</b>	0.03	0.02	0.02	0.03	-0.02	0.03	-0.02	-0.02
<b>Ce (ppm)</b>	9.46	61.3	43.7	39.5	19.55	50.8	15.85	39.5
<b>Co (ppm)</b>	13.1	6.5	3.8	2.8	4.1	5.2	1.4	2.6
<b>Cr (ppm)</b>	11	3	17	8	11	11	8	8
<b>Cs (ppm)</b>	0.66	1.66	1.31	3.03	1.12	3.2	1.7	1.1
<b>Cu (ppm)</b>	1210	168.5	302	235	72.4	66.9	15.1	17.8
<b>Fe (%)</b>	2.15	3.93	1.56	1.77	2.08	1.85	3.05	0.68
<b>Ga (ppm)</b>	18.4	24	20.3	22.1	19.95	19.5	22.3	17.8
<b>Ge (ppm)</b>	0.09	0.13	0.09	0.09	0.08	0.08	0.08	0.07
<b>Hf (ppm)</b>	1.9	2.1	2.5	1.7	1.4	1.3	1	1.6
<b>In (ppm)</b>	0.011	0.045	0.029	0.027	0.034	0.015	0.039	0.015
<b>K (%)</b>	0.4	2.45	3.7	3.78	1.75	2.99	3.52	3.23
<b>La (ppm)</b>	4.8	30.7	22.6	20.2	12.6	22.4	8.8	22.4
<b>Li (ppm)</b>	13.7	13.7	6.7	5.4	5.9	6	2.4	3.3
<b>Mg (%)</b>	0.13	0.57	0.05	0.18	0.51	0.43	0.31	0.14
<b>Mn (ppm)</b>	30	69	41	71	121	272	52	47
<b>Mo (ppm)</b>	2.14	1.72	2.41	0.84	1.21	0.98	4.62	2.06
<b>Na (%)</b>	4.17	3.99	3.47	3.34	3.62	2.71	0.07	0.13
<b>Nb (ppm)</b>	2.2	5.7	3	2.8	2.4	4.4	1.9	4
<b>Ni (ppm)</b>	5.9	6.8	5.2	6.3	6.4	5.6	3.1	2.3
<b>P (ppm)</b>	1070	1340	880	530	640	510	320	150
<b>Pb (ppm)</b>	3.7	6.6	7.4	6.4	3.6	11.8	8.9	3.1
<b>Rb (ppm)</b>	19.3	76.2	87.3	115	65.5	106	121	106
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.01	0.04	0.07	0.02	0.01	0.01	0.05	0.08
<b>Sb (ppm)</b>	13.5	2.62	13.4	1.59	0.79	0.45	1.81	0.98

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	302956	302940	302847	302766	303428	303507	303504	303610
<b>North (NAD 27)</b>	4317599	4317444	4317501	4317528	4317044	4317069	4317156	4317162
<b>Classification</b>	Albite	Albite-KSpar-Sericite	Albite-KSpar-Sericite	Albite-KSpar-Sericite	Albite	Plag-KSpar	Sericite	Sericite
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	H437240	H437241	H437242	H437243	H437244	H437245	H437246	H437247
<b>Lithology</b>	Porphyry	Bear (graphic txt.)	Porphyry	Porphyry	Porphyry	Bear	Porphyry	Bear QM
<b>Sc (ppm)</b>	2.5	9.6	5.7	4.8	4.6	4	5.1	4.2
<b>Se (ppm)</b>	5	2	2	2	1	1	2	1
<b>Sn (ppm)</b>	0.5	1.4	0.7	0.7	0.7	1.9	1	0.8
<b>Sr (ppm)</b>	149.5	329	273	321	292	532	59.7	53.3
<b>Ta (ppm)</b>	0.15	0.43	0.22	0.21	0.16	0.37	0.15	0.38
<b>Te (ppm)</b>	1.72	0.2	0.13	0.08	0.22	-0.05	2.54	0.48
<b>Th (ppm)</b>	8.7	9.9	8.1	9.2	6.1	14.4	11.7	11.4
<b>Ti (%)</b>	0.178	0.454	0.284	0.223	0.196	0.202	0.117	0.157
<b>Tl (ppm)</b>	0.08	0.36	0.63	0.7	0.25	0.44	0.81	0.48
<b>U (ppm)</b>	7.7	10.8	13.4	4.5	3.3	4.1	3.5	2.9
<b>V (ppm)</b>	70	157	67	68	63	47	67	47
<b>W (ppm)</b>	11.9	9.1	3.9	2.8	2.3	1.2	2	2.2
<b>Y (ppm)</b>	3.2	11.1	5.7	4.6	4.8	8.2	2.2	3.5
<b>Zn (ppm)</b>	5	20	11	16	14	39	6	2
<b>Zr (ppm)</b>	47.5	53.7	67	36	33.8	30.1	26.3	40.5
<b>Al2O3 (%)</b>	13.11	16.32	14.55	14.90	13.39	12.41	13.30	13.32
<b>CaO (%)</b>	0.55	0.85	0.38	0.34	0.59	1.83	0.10	0.11
<b>FeO (%)</b>	2.76	5.05	2.01	2.28	2.67	2.38	3.92	0.87
<b>K2O (%)</b>	0.48	2.95	4.46	4.55	2.11	3.60	4.24	3.89
<b>MgO (%)</b>	0.22	0.95	0.08	0.30	0.85	0.71	0.51	0.23
<b>Na2O (%)</b>	5.62	5.38	4.68	4.50	4.88	3.65	0.09	0.18
<b>P2O5 (%)</b>	0.25	0.31	0.20	0.12	0.15	0.12	0.07	0.03
<b>TiO2 (%)</b>	0.30	0.76	0.47	0.37	0.33	0.34	0.20	0.26
<b>SO3 (%)</b>	0.03	0.10	0.18	0.05	0.03	0.03	0.13	0.20
<b>Total (%)</b>	23.31	32.67	27.00	27.42	24.99	25.07	22.56	19.10
<b>SiO2 (%)</b>	75.06	65.04	71.11	70.67	73.26	73.17	75.86	79.56
<b>Al_m</b>	0.26	0.32	0.29	0.29	0.26	0.24	0.26	0.26
<b>Ca_m</b>	0.01	0.02	0.01	0.01	0.01	0.03	0.00	0.00
<b>K_m</b>	0.01	0.06	0.09	0.10	0.04	0.08	0.09	0.08
<b>Na_m</b>	0.18	0.17	0.15	0.15	0.16	0.12	0.00	0.01
<b>K_Al</b>	0.04	0.20	0.33	0.33	0.17	0.32	0.35	0.32
<b>Na_Al</b>	0.71	0.54	0.53	0.50	0.60	0.48	0.01	0.02
<b>Plag</b>	0.74	0.59	0.55	0.52	0.64	0.62	0.02	0.03

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

	East (NAD 27)	303626	303639	303715	302820	302822	302754	302704
<b>North (NAD 27)</b>	4317253	4317346	4317326	4317516	4317494	4317421	4317400	4317400
<b>Classification</b>	Albite-KSpar-Sericite	Plag-KSpar	Plag-KSpar	Albite-KSpar-Sericite	Sericite	Sericite-Albite	Sericite-Albite	Sericite-Albite
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	H437248	H437249	H437250	H437266	H437267	H437268	H437269	H437269
<b>Lithology</b>	Porphyry	McLeod QMD	Bear?	Porphyry (Ann-Mason)	Bear border granite phase	Bear border granite phase	McLeod QMD (or mafic ppy?)	McLeod QMD (or mafic ppy?)
<b>Ag (ppm)</b>	0.03	0.07	0.03	0.08	0.08	0.09	0.09	0.09
<b>Al (%)</b>	6.88	7.14	7.34	7.91	7.98	8.29	7.91	7.91
<b>As (ppm)</b>	6.9	2.2	6.8	41.7	45.3	11.8	11.6	11.6
<b>Ba (ppm)</b>	2550	1310	770	1460	550	500	500	500
<b>Be (ppm)</b>	1.36	1.72	1.84	1.43	2.46	1.7	1.67	1.67
<b>Bi (ppm)</b>	0.33	0.07	0.13	0.4	1.91	0.73	0.69	0.69
<b>Ca (%)</b>	0.18	3.09	2.91	0.39	0.44	0.47	0.44	0.44
<b>Cd (ppm)</b>	-0.02	0.05	0.03	0.06	-0.02	0.06	0.05	0.05
<b>Ce (ppm)</b>	27.5	50.9	49.7	46	12.9	42.4	40.8	40.8
<b>Co (ppm)</b>	0.5	12.4	12	1.3	1.7	47.2	46.5	46.5
<b>Cr (ppm)</b>	10	6	8	10	8	14	13	13
<b>Cs (ppm)</b>	1.42	2.36	1.7	2.09	3.02	2.13	2.13	2.13
<b>Cu (ppm)</b>	18.8	24.8	196	120.5	204	12050	12050	12050
<b>Fe (%)</b>	1.59	4.03	3.5	1.64	4.73	2.99	2.84	2.84
<b>Ga (ppm)</b>	18.85	19.65	21.3	21.9	52.1	27.8	27.4	27.4
<b>Ge (ppm)</b>	0.08	0.14	0.13	0.1	0.11	0.09	0.11	0.11
<b>Hf (ppm)</b>	1.4	0.9	0.6	2	2.8	1.8	1.9	1.9
<b>In (ppm)</b>	0.023	0.046	0.06	0.029	0.084	0.059	0.057	0.057
<b>K (%)</b>	3.64	2.51	1.59	3.17	3.31	1.89	1.87	1.87
<b>La (ppm)</b>	15	24.2	24.2	23.3	5.7	19.7	18.9	18.9
<b>Li (ppm)</b>	2.6	9.3	5.8	6.5	10.3	11.7	11.3	11.3
<b>Mg (%)</b>	0.14	1.11	1.1	0.22	0.95	1.64	1.55	1.55
<b>Mn (ppm)</b>	55	891	470	48	51	524	499	499
<b>Mo (ppm)</b>	1.75	0.73	1.21	1.07	18.1	2.75	2.64	2.64
<b>Na (%)</b>	2.87	2.79	3.38	3.21	0.34	2.88	2.73	2.73
<b>Nb (ppm)</b>	2.4	5	4.2	2.6	2.6	2.4	2.5	2.5
<b>Ni (ppm)</b>	2.6	7.1	13.8	4	8.6	25.1	25	25
<b>P (ppm)</b>	340	1520	1390	450	1210	1330	1260	1260
<b>Pb (ppm)</b>	4.7	12.3	7.2	3.8	11.6	6	5.9	5.9
<b>Rb (ppm)</b>	102	65.6	50.7	99	133.5	78.7	78.3	78.3
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.03	0.02	-0.01	0.01	0.59	0.06	0.06	0.06
<b>Sb (ppm)</b>	0.72	0.57	1.85	2.26	6.93	2.59	2.62	2.62

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	303626	303639	303715	302820	302822	302754	302704
<b>North (NAD 27)</b>	4317253	4317346	4317326	4317516	4317494	4317421	4317400
<b>Classification</b>	Albite-KSpar-Sericite	Plag-KSpar	Plag-KSpar	Albite-KSpar-Sericite	Sericite	Sericite-Albite	Sericite-Albite
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	H437248	H437249	H437250	H437266	H437267	H437268	H437269
<b>Lithology</b>	Porphyry	McLeod QMD	Bear?	Porphyry (Ann-Mason)	Bear border granite phase	Bear border granite phase	McLeod QMD (or mafic ppy?)
<b>Sc (ppm)</b>	4	9.8	10.2	5.7	12	14.6	14.1
<b>Se (ppm)</b>	1	1	1	2	5	3	3
<b>Sn (ppm)</b>	0.5	1.2	1.1	0.7	2.9	1.1	1.1
<b>Sr (ppm)</b>	339	936	1095	212	174	185	176
<b>Ta (ppm)</b>	0.17	0.33	0.26	0.19	0.19	0.17	0.18
<b>Te (ppm)</b>	0.16	-0.05	0.12	0.12	4.61	0.9	0.9
<b>Th (ppm)</b>	7.4	6.4	7.8	8.4	9.9	5.7	5.5
<b>Ti (%)</b>	0.187	0.437	0.393	0.224	0.26	0.319	0.32
<b>Tl (ppm)</b>	0.55	0.28	0.25	0.53	0.67	0.42	0.41
<b>U (ppm)</b>	4.1	2.3	2.6	5.1	12.6	7	6.7
<b>V (ppm)</b>	41	122	125	94	181	159	155
<b>W (ppm)</b>	2.3	1.3	2.1	2.7	6.6	4.4	4.4
<b>Y (ppm)</b>	4.2	14.5	11.7	4.2	4.5	9.9	9.6
<b>Zn (ppm)</b>	6	67	38	7	8	33	34
<b>Zr (ppm)</b>	30.1	20.5	11.2	49.6	77	51.4	51
<b>Al2O3 (%)</b>	13.00	13.49	13.87	14.94	15.07	15.66	14.94
<b>CaO (%)</b>	0.25	4.32	4.07	0.55	0.62	0.66	0.62
<b>FeO (%)</b>	2.04	5.18	4.50	2.11	6.08	3.85	3.65
<b>K2O (%)</b>	4.39	3.02	1.92	3.82	3.99	2.28	2.25
<b>MgO (%)</b>	0.23	1.84	1.82	0.36	1.58	2.72	2.57
<b>Na2O (%)</b>	3.87	3.76	4.56	4.33	0.46	3.88	3.68
<b>P2O5 (%)</b>	0.08	0.35	0.32	0.10	0.28	0.30	0.29
<b>TiO2 (%)</b>	0.31	0.73	0.66	0.37	0.43	0.53	0.53
<b>SO3 (%)</b>	0.08	0.05	-0.03	0.03	1.48	0.15	0.15
<b>Total (%)</b>	24.24	32.75	31.68	26.61	29.98	30.03	28.69
<b>SiO2 (%)</b>	74.06	64.96	66.10	71.53	67.92	67.87	69.31
<b>Al_m</b>	0.25	0.26	0.27	0.29	0.30	0.31	0.29
<b>Ca_m</b>	0.00	0.08	0.07	0.01	0.01	0.01	0.01
<b>K_m</b>	0.09	0.06	0.04	0.08	0.08	0.05	0.05
<b>Na_m</b>	0.12	0.12	0.15	0.14	0.01	0.13	0.12
<b>K_Al</b>	0.37	0.24	0.15	0.28	0.29	0.16	0.16
<b>Na_Al</b>	0.49	0.46	0.54	0.48	0.05	0.41	0.41
<b>Plag</b>	0.51	0.75	0.81	0.51	0.09	0.45	0.44

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	302662	302594	302508	302484	302468	302478	302469	302453
<b>North (NAD 27)</b>	4317400	4317337	4317271	4317261	4317140	4317101	4317043	4316987
<b>Classification</b>	Albite	Sericite	Sericite-Albite	Albite	Sericite-Albite	Albite	Albite	Sericite-Albite
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	H437270	H437271	H437272	H437273	H437274	H437275	H437276	H437277
<b>Lithology</b>	Porphyry	Bear border granite phase	Bear border granite phase	McLeod QMD	McLeod QMD fg??	McLeod QMD	Porphyry	McLeod QMD
<b>Ag (ppm)</b>	0.02	0.03	0.08	0.03	0.04	0.01	0.02	0.07
<b>Al (%)</b>	7.64	6.75	6.78	7.89	7.53	7.67	7.08	6.25
<b>As (ppm)</b>	4.4	5.3	7.6	5.1	10.9	5.4	18.7	24.1
<b>Ba (ppm)</b>	200	280	290	130	380	500	150	550
<b>Be (ppm)</b>	1.18	1.78	1.33	1.25	1.48	1.84	1.06	0.93
<b>Bi (ppm)</b>	0.15	0.33	1.03	0.12	0.75	0.08	0.25	2.09
<b>Ca (%)</b>	0.36	0.1	0.27	0.46	0.36	0.56	0.47	0.45
<b>Cd (ppm)</b>	0.05	-0.02	-0.02	0.03	-0.02	0.03	0.03	-0.02
<b>Ce (ppm)</b>	45.7	28.7	25	21.3	37.4	48.4	27	35.8
<b>Co (ppm)</b>	4.8	1.3	0.9	19.1	4.3	9.9	2.4	1.3
<b>Cr (ppm)</b>	9	3	4	17	6	7	12	7
<b>Cs (ppm)</b>	0.77	4.1	1.53	0.45	2.06	1.29	0.53	1.31
<b>Cu (ppm)</b>	242	135	129.5	1080	204	72.1	143	128.5
<b>Fe (%)</b>	1.24	0.8	1.21	4.03	1.98	2.49	1.87	2.4
<b>Ga (ppm)</b>	23.8	22	23.3	25.3	30.5	23.1	22.4	22.4
<b>Ge (ppm)</b>	0.09	0.06	0.07	0.1	0.1	0.11	0.11	0.11
<b>Hf (ppm)</b>	1.8	1.8	1.9	1.9	1.5	0.7	3.3	0.8
<b>In (ppm)</b>	0.008	0.032	0.037	0.036	0.056	0.059	0.01	0.039
<b>K (%)</b>	0.56	3.28	1.56	0.56	1.61	1.39	0.45	1.56
<b>La (ppm)</b>	23.1	13.5	12	8.3	17.7	24	12.6	17.7
<b>Li (ppm)</b>	8.2	5	4.8	13.3	8.8	10.5	10.1	9.5
<b>Mg (%)</b>	0.9	0.4	0.22	3.12	0.55	0.95	0.9	0.31
<b>Mn (ppm)</b>	117	56	39	538	74	209	54	59
<b>Mo (ppm)</b>	0.68	1.23	4.18	0.54	8.34	1.69	2.14	3.86
<b>Na (%)</b>	5.23	0.07	2.79	3.98	2.34	4.35	4.7	1.7
<b>Nb (ppm)</b>	2.3	2.9	4.7	2.8	4.8	3.9	3.1	2.4
<b>Ni (ppm)</b>	8	1	1.2	20.9	8.3	16.5	11.4	3.1
<b>P (ppm)</b>	790	210	230	2010	220	1250	400	640
<b>Pb (ppm)</b>	3.6	2.5	5.5	3	4	5.9	4.2	8.1
<b>Rb (ppm)</b>	30	148	75.5	10.7	77	58.8	10.4	60.4
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.01	0.08	0.1	0.01	0.06	0.01	0.02	0.42
<b>Sb (ppm)</b>	0.85	1.94	1.13	1.59	1.63	1.24	0.68	5.7

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	302662	302594	302508	302484	302468	302478	302469	302453
<b>North (NAD 27)</b>	4317400	4317337	4317271	4317261	4317140	4317101	4317043	4316987
<b>Classification</b>	Albite	Sericite	Sericite-Albite	Albite	Sericite-Albite	Albite	Albite	Sericite-Albite
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	H437270	H437271	H437272	H437273	H437274	H437275	H437276	H437277
<b>Lithology</b>	Porphyry	Bear border granite phase	Bear border granite phase	McLeod QMD	McLeod QMD fg??	McLeod QMD	Porphyry	McLeod QMD
<b>Sc (ppm)</b>	4.8	4.5	4.4	17.7	6	8	6.1	6.4
<b>Se (ppm)</b>	2	2	2	2	3	2	3	3
<b>Sn (ppm)</b>	0.8	1.7	1	1.1	2.9	1.6	0.8	1.7
<b>Sr (ppm)</b>	183	27.3	101.5	133	107.5	287	227	217
<b>Ta (ppm)</b>	0.17	0.25	0.4	0.19	0.36	0.3	0.21	0.16
<b>Te (ppm)</b>	0.17	0.09	0.53	0.25	0.65	-0.05	0.19	0.83
<b>Th (ppm)</b>	6.9	6.7	11.7	2.1	10.6	13.1	5.8	6.5
<b>Ti (%)</b>	0.182	0.111	0.242	0.449	0.288	0.296	0.287	0.272
<b>Tl (ppm)</b>	0.1	0.68	0.37	0.11	0.37	0.25	0.08	0.43
<b>U (ppm)</b>	4.1	2.7	4.6	6.1	3.3	2.5	5	4.6
<b>V (ppm)</b>	58	56	49	217	82	97	80	101
<b>W (ppm)</b>	3.7	1.3	5.6	6.5	13	6.6	6.7	5
<b>Y (ppm)</b>	3.7	2.2	3.3	13.5	6	8.6	6.3	4.7
<b>Zn (ppm)</b>	16	10	7	71	25	32	13	12
<b>Zr (ppm)</b>	42	43.6	43.7	58.3	38.7	14.8	105	18.6
<b>Al2O3 (%)</b>	14.43	12.75	12.81	14.90	14.22	14.49	13.37	11.81
<b>CaO (%)</b>	0.50	0.14	0.38	0.64	0.50	0.78	0.66	0.63
<b>FeO (%)</b>	1.59	1.03	1.56	5.18	2.55	3.20	2.40	3.09
<b>K2O (%)</b>	0.67	3.95	1.88	0.67	1.94	1.67	0.54	1.88
<b>MgO (%)</b>	1.49	0.66	0.36	5.17	0.91	1.58	1.49	0.51
<b>Na2O (%)</b>	7.05	0.09	3.76	5.37	3.15	5.86	6.34	2.29
<b>P2O5 (%)</b>	0.18	0.05	0.05	0.46	0.05	0.29	0.09	0.15
<b>TiO2 (%)</b>	0.30	0.19	0.40	0.75	0.48	0.49	0.48	0.45
<b>SO3 (%)</b>	0.03	0.20	0.25	0.03	0.15	0.03	0.05	1.05
<b>Total (%)</b>	26.26	19.06	21.45	33.18	23.96	28.39	25.43	21.86
<b>SiO2 (%)</b>	71.91	79.60	77.05	64.50	74.36	69.62	72.79	76.61
<b>Al_m</b>	0.28	0.25	0.25	0.29	0.28	0.28	0.26	0.23
<b>Ca_m</b>	0.01	0.00	0.01	0.01	0.01	0.01	0.01	0.01
<b>K_m</b>	0.01	0.08	0.04	0.01	0.04	0.04	0.01	0.04
<b>Na_m</b>	0.23	0.00	0.12	0.17	0.10	0.19	0.20	0.07
<b>K_Al</b>	0.05	0.34	0.16	0.05	0.15	0.13	0.04	0.17
<b>Na_Al</b>	0.80	0.01	0.48	0.59	0.36	0.67	0.78	0.32
<b>Plag</b>	0.84	0.02	0.51	0.63	0.40	0.72	0.82	0.37

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	302426	302515	302354	303342	303342	303295	303296
<b>North (NAD 27)</b>	4316954	4316830	4316754	4317641	4317641	4317480	4317442
<b>Classification</b>	Albite	Sericite-Albite	Sericite	Sericite	Sericite	Albite-KSpar-Sericite	Sericite
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	H437278	H437279	H437280	H437281	H437282	H437283	H437284
<b>Lithology</b>	Porphyry	McLeod QMD	McLeod QMD fg?? Or Jbg	Bear border granite phase	Porphyry	Bear border granite phase	Bear border granite phase
<b>Ag (ppm)</b>	0.01	0.09	0.03	0.05	0.05	0.03	0.09
<b>Al (%)</b>	6.59	7.42	6.29	6.52	7.01	6.67	6.9
<b>As (ppm)</b>	4.9	12.6	3.6	12.5	29.4	3.7	19.8
<b>Ba (ppm)</b>	510	270	810	520	1290	960	390
<b>Be (ppm)</b>	1.7	1.19	1.19	1.13	1.2	1.61	1.02
<b>Bi (ppm)</b>	0.09	0.95	0.55	0.64	0.66	0.12	2.03
<b>Ca (%)</b>	0.34	0.2	0.25	0.29	0.28	0.36	0.26
<b>Cd (ppm)</b>	0.03	0.03	0.05	0.05	0.04	0.06	0.05
<b>Ce (ppm)</b>	40.7	26.4	45	48.8	47.3	51.1	30.5
<b>Co (ppm)</b>	10.2	0.6	0.4	0.5	4.5	4	0.4
<b>Cr (ppm)</b>	10	7	3	4	9	5	4
<b>Cs (ppm)</b>	0.68	1.41	2.27	1.57	2.98	2.04	1.22
<b>Cu (ppm)</b>	39.8	241	24.6	45.6	258	359	85.5
<b>Fe (%)</b>	1.86	2.56	1.12	1.25	3.41	2.03	2.28
<b>Ga (ppm)</b>	20.8	23.5	19.35	20.1	20.3	17.65	18.8
<b>Ge (ppm)</b>	0.09	0.12	0.11	0.12	0.14	0.13	0.12
<b>Hf (ppm)</b>	2.2	0.9	4	2.8	1.7	2.5	1.7
<b>In (ppm)</b>	0.017	0.028	0.033	0.053	0.049	0.025	0.061
<b>K (%)</b>	1.02	1.63	2.98	3.3	3.24	3.21	3.43
<b>La (ppm)</b>	21.2	10	23.7	24.9	24.2	25.4	15.2
<b>Li (ppm)</b>	7.8	3.3	2	2.4	5.5	4.3	2.3
<b>Mg (%)</b>	1.06	0.25	0.36	0.31	0.55	0.51	0.21
<b>Mn (ppm)</b>	209	20	44	60	140	135	48
<b>Mo (ppm)</b>	0.59	11.4	2.98	3.66	2.65	0.69	4.03
<b>Na (%)</b>	4.38	2.45	0.12	0.32	1.8	2.51	0.07
<b>Nb (ppm)</b>	2.7	2	3.6	2.9	3	4.6	4.2
<b>Ni (ppm)</b>	14.1	1.9	1	1.5	8.6	7	0.9
<b>P (ppm)</b>	810	1250	250	220	790	500	330
<b>Pb (ppm)</b>	3.4	2.9	1.9	2	4.4	8.9	3.9
<b>Rb (ppm)</b>	33.7	62.1	118	130	110.5	125.5	119
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.02	0.15	0.18	0.06	0.02	0.02	0.05
<b>Sb (ppm)</b>	0.63	2.17	0.94	1.92	2.13	1.28	1.79

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	302426	302515	302354	303342	303342	303295	303296
<b>North (NAD 27)</b>	4316954	4316830	4316754	4317641	4317641	4317480	4317442
<b>Classification</b>	Albite	Sericite-Albite	Sericite	Sericite	Sericite	Albite-KSpar-Sericite	Sericite
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	H437278	H437279	H437280	H437281	H437282	H437283	H437284
<b>Lithology</b>	Porphyry	McLeod QMD	McLeod QMD fg?? Or Jbg	Bear border granite phase	Porphyry	Bear border granite phase	Bear border granite phase
<b>Sc (ppm)</b>	4.6	8.5	5.9	4.4	5.3	4.7	7.6
<b>Se (ppm)</b>	2	4	2	2	2	1	4
<b>Sn (ppm)</b>	0.7	1	0.7	0.5	0.7	0.6	0.9
<b>Sr (ppm)</b>	193.5	167	42.6	60.6	194	190	40.8
<b>Ta (ppm)</b>	0.2	0.15	0.32	0.29	0.21	0.45	0.31
<b>Te (ppm)</b>	-0.05	0.74	0.25	0.59	0.31	-0.05	1.1
<b>Th (ppm)</b>	7.6	6.7	12.9	14.7	7.8	21.3	9.4
<b>Ti (%)</b>	0.228	0.232	0.171	0.125	0.246	0.195	0.297
<b>Tl (ppm)</b>	0.16	0.4	0.74	0.6	0.58	0.54	0.62
<b>U (ppm)</b>	3.2	3.9	6.3	5.1	4.9	6.2	4.9
<b>V (ppm)</b>	56	109	61	54	78	52	114
<b>W (ppm)</b>	6.2	4.8	1.9	3.1	4.8	2.9	3.9
<b>Y (ppm)</b>	6.9	3.5	7.5	5.1	6.2	10.7	6
<b>Zn (ppm)</b>	38	4	4	8	19	26	4
<b>Zr (ppm)</b>	58.1	22.7	112	76.1	43.3	70.1	43.3
<b>Al2O3 (%)</b>	12.45	14.02	11.88	12.32	13.24	12.60	13.03
<b>CaO (%)</b>	0.48	0.28	0.35	0.41	0.39	0.50	0.36
<b>FeO (%)</b>	2.39	3.29	1.44	1.61	4.39	2.61	2.93
<b>K2O (%)</b>	1.23	1.96	3.59	3.98	3.90	3.87	4.13
<b>MgO (%)</b>	1.76	0.41	0.60	0.51	0.91	0.85	0.35
<b>Na2O (%)</b>	5.90	3.30	0.16	0.43	2.43	3.38	0.09
<b>P2O5 (%)</b>	0.19	0.29	0.06	0.05	0.18	0.11	0.08
<b>TiO2 (%)</b>	0.38	0.39	0.29	0.21	0.41	0.33	0.50
<b>SO3 (%)</b>	0.05	0.38	0.45	0.15	0.05	0.05	0.13
<b>Total (%)</b>	24.82	24.32	18.81	19.66	25.90	24.30	21.60
<b>SiO2 (%)</b>	73.44	73.98	79.87	78.96	72.28	74.00	76.89
<b>Al_m</b>	0.24	0.27	0.23	0.24	0.26	0.25	0.26
<b>Ca_m</b>	0.01	0.01	0.01	0.01	0.01	0.01	0.01
<b>K_m</b>	0.03	0.04	0.08	0.08	0.08	0.08	0.09
<b>Na_m</b>	0.19	0.11	0.01	0.01	0.08	0.11	0.00
<b>K_Al</b>	0.11	0.15	0.33	0.35	0.32	0.33	0.34
<b>Na_Al</b>	0.78	0.39	0.02	0.06	0.30	0.44	0.01
<b>Plag</b>	0.82	0.41	0.05	0.09	0.33	0.48	0.04

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	303532	303520	303520	303552	303524	303509	303517	303200
<b>North (NAD 27)</b>	4318937	4318903	4318811	4318732	4318672	4318586	4318560	4318340
<b>Classification</b>	Sericite	Plag-KSpar	Albite-KSpar-Sericite	Sericite	Albite-KSpar-Sericite	Sericite	Sericite	Sericite-Albite
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	H437305	H437306	H437307	H437308	H437309	H437310	H437311	H437312
<b>Lithology</b>	Bear	McLeod	McLeod	McLeod	McLeod	Bear	Bear	Porphyry
<b>Ag (ppm)</b>	0.04	0.03	0.07	0.03	0.07	0.04	0.02	0.02
<b>Al (%)</b>	7.01	7.19	7.56	7.45	7.22	6.26	6.18	7.28
<b>As (ppm)</b>	14.6	5.6	6	6.3	3.2	4.4	2.5	4.3
<b>Ba (ppm)</b>	1090	1050	1220	360	1520	690	200	950
<b>Be (ppm)</b>	1.65	2.05	2.04	0.08	1.69	1.74	0.81	1.51
<b>Bi (ppm)</b>	0.47	0.1	0.07	0.02	0.03	0.23	0.2	0.64
<b>Ca (%)</b>	0.23	2.14	0.55	0.06	1.02	0.17	0.06	0.2
<b>Cd (ppm)</b>	0.04	0.06	0.04	0.03	0.05	0.05	0.02	0.03
<b>Ce (ppm)</b>	16.65	67	51.6	63.8	56.2	41.7	29.4	28.2
<b>Co (ppm)</b>	0.7	11.3	11.8	0.3	10.1	1.5	0.2	0.5
<b>Cr (ppm)</b>	9	10	6	6	8	3	4	8
<b>Cs (ppm)</b>	1.22	1.97	1.01	0.54	1.08	1.23	0.84	1.54
<b>Cu (ppm)</b>	15.6	80.3	399	3.9	253	150	28.1	29
<b>Fe (%)</b>	0.6	3.48	4.89	0.17	3.88	1.29	0.31	1.28
<b>Ga (ppm)</b>	35.5	23.3	21.9	2.74	21.1	18.2	15.4	20.3
<b>Ge (ppm)</b>	0.09	0.18	0.18	0.12	0.16	0.12	0.08	0.11
<b>Hf (ppm)</b>	1	1.1	0.7	0.4	0.8	2.4	3	1.6
<b>In (ppm)</b>	0.056	0.041	0.075	-0.005	0.031	0.02	0.015	0.111
<b>K (%)</b>	3.67	2.56	2.52	3.84	3.31	3.93	2.76	2.74
<b>La (ppm)</b>	7	29.7	28.4	28.8	25.9	22.2	12.5	14.5
<b>Li (ppm)</b>	3.1	5.8	5.6	0.9	4.7	3	1.1	4.8
<b>Mg (%)</b>	0.46	1.05	1.45	0.01	1.15	0.22	0.1	0.38
<b>Mn (ppm)</b>	43	430	430	18	480	48	22	30
<b>Mo (ppm)</b>	1.28	3.1	4.45	1.52	1.18	4.3	2.31	1.19
<b>Na (%)</b>	0.08	3.39	3.75	0.14	2.98	2.13	0.07	1.84
<b>Nb (ppm)</b>	5.7	7.7	6.2	4	6.6	4.8	5.2	2
<b>Ni (ppm)</b>	1.6	13.2	13.6	0.5	13.1	2.6	0.9	1
<b>P (ppm)</b>	100	1230	1460	1660	1360	110	60	240
<b>Pb (ppm)</b>	2.7	9.1	3.3	46.7	5.2	8	1.3	2.9
<b>Rb (ppm)</b>	147.5	95.7	69.9	101	96	126	96	98.5
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.1	0.01	0.01	0.23	0.02	0.02	0.06	0.15
<b>Sb (ppm)</b>	9.58	1.82	1.48	3.39	0.96	0.91	2.4	0.66

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	303532	303520	303520	303552	303524	303509	303517	303200
<b>North (NAD 27)</b>	4318937	4318903	4318811	4318732	4318672	4318586	4318560	4318340
<b>Classification</b>	Sericite	Plag-KSpar	Albite-KSpar-Sericite	Sericite	Albite-KSpar-Sericite	Sericite	Sericite	Sericite-Albite
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	H437305	H437306	H437307	H437308	H437309	H437310	H437311	H437312
<b>Lithology</b>	Bear	McLeod	McLeod	McLeod	McLeod	Bear	Bear	Porphyry
<b>Sc (ppm)</b>	14.3	9.2	9.4	0.9	8.4	2.7	3.1	5.1
<b>Se (ppm)</b>	2	2	2	1	1	1	2	3
<b>Sn (ppm)</b>	1.8	1.1	1	0.7	1	1.1	1.6	2.3
<b>Sr (ppm)</b>	50.2	602	330	2740	371	109.5	46.4	153.5
<b>Ta (ppm)</b>	0.36	0.51	0.38	0.25	0.41	0.41	0.46	0.15
<b>Te (ppm)</b>	0.49	-0.05	-0.05	0.07	-0.05	0.05	0.13	0.21
<b>Th (ppm)</b>	3.6	20.5	13.6	15	15.6	25.5	12.9	4.2
<b>Ti (%)</b>	0.481	0.428	0.449	0.263	0.427	0.136	0.134	0.169
<b>Tl (ppm)</b>	0.53	0.25	0.24	0.38	0.38	0.45	0.36	0.62
<b>U (ppm)</b>	6.9	5	3.6	1.7	3.3	4.3	3.5	2.3
<b>V (ppm)</b>	175	112	137	63	122	36	55	59
<b>W (ppm)</b>	2.9	2.5	3.1	1.1	3.2	1.2	1.7	1.3
<b>Y (ppm)</b>	8.2	15.3	13.8	0.8	13	7	2.2	3.6
<b>Zn (ppm)</b>	6	50	39	-2	43	17	-2	3
<b>Zr (ppm)</b>	25.1	32.5	16.9	10	21.5	64.8	75.2	39.9
<b>Al2O3 (%)</b>	13.24	13.58	14.28	14.07	13.64	11.83	11.67	13.75
<b>CaO (%)</b>	0.32	2.99	0.77	0.08	1.43	0.24	0.08	0.28
<b>FeO (%)</b>	0.77	4.48	6.29	0.22	4.99	1.66	0.40	1.65
<b>K2O (%)</b>	4.42	3.08	3.04	4.63	3.99	4.74	3.33	3.30
<b>MgO (%)</b>	0.76	1.74	2.40	0.02	1.91	0.36	0.17	0.63
<b>Na2O (%)</b>	0.11	4.57	5.06	0.19	4.02	2.87	0.09	2.48
<b>P2O5 (%)</b>	0.02	0.28	0.33	0.38	0.31	0.03	0.01	0.05
<b>TiO2 (%)</b>	0.80	0.71	0.75	0.44	0.71	0.23	0.22	0.28
<b>SO3 (%)</b>	0.25	0.03	0.03	0.58	0.05	0.05	0.15	0.38
<b>Total (%)</b>	20.70	31.47	32.94	20.60	31.04	22.00	16.13	22.80
<b>SiO2 (%)</b>	77.85	66.33	64.75	77.96	66.79	76.46	82.74	75.60
<b>Al_m</b>	0.26	0.27	0.28	0.28	0.27	0.23	0.23	0.27
<b>Ca_m</b>	0.01	0.05	0.01	0.00	0.03	0.00	0.00	0.01
<b>K_m</b>	0.09	0.07	0.06	0.10	0.08	0.10	0.07	0.07
<b>Na_m</b>	0.00	0.15	0.16	0.01	0.13	0.09	0.00	0.08
<b>K_Al</b>	0.36	0.25	0.23	0.36	0.32	0.43	0.31	0.26
<b>Na_Al</b>	0.01	0.55	0.58	0.02	0.48	0.40	0.01	0.30
<b>Plag</b>	0.04	0.75	0.63	0.03	0.58	0.42	0.02	0.32

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	303236	303178	303174	303160	303193	303228	303447	303502
<b>North (NAD 27)</b>	4318274	4318134	4318065	4317931	4317845	4317773	4316870	4316776
<b>Classification</b>	Sericite-Albite	Sericite-Albite	Sericite	Albite-KSpar-Sericite	Sericite	Albite-KSpar-Sericite	Plag-KSpar	Plag-KSpar
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	H437313	H437314	H437315	H437316	H437317	H437318	H437319	H437320
<b>Lithology</b>	Porphyry	McLeod	Porphyry	Porphyry	Bear (graphic txt.)	Bear (graphic txt.)	Bear	Porphyry
<b>Ag (ppm)</b>	0.04	0.05	0.03	0.06	0.13	0.04	0.03	0.02
<b>Al (%)</b>	7.26	8.18	7.44	6.94	6.36	7.25	7.01	6.92
<b>As (ppm)</b>	15.4	9.6	2.1	11.7	7.8	14.3	2.6	4.1
<b>Ba (ppm)</b>	2510	1050	1020	2230	1090	1030	1200	1890
<b>Be (ppm)</b>	1.35	1.42	1.43	1.39	1.18	1.75	2.07	1.5
<b>Bi (ppm)</b>	0.62	0.72	0.08	0.92	1.98	0.23	0.08	0.15
<b>Ca (%)</b>	0.26	0.28	0.09	0.16	0.19	0.3	1.6	1.32
<b>Cd (ppm)</b>	0.06	0.04	0.05	0.05	0.03	0.07	0.04	0.04
<b>Ce (ppm)</b>	22.2	78	18.2	44.9	35.3	58.7	49.4	39.5
<b>Co (ppm)</b>	0.9	0.7	0.9	0.3	1.1	1.8	6.6	5.3
<b>Cr (ppm)</b>	7	11	9	7	6	6	10	12
<b>Cs (ppm)</b>	1.08	1.42	1.66	0.93	1.38	1.83	1.85	1.18
<b>Cu (ppm)</b>	13.9	77.7	67.3	47.8	105	124.5	54.7	27.2
<b>Fe (%)</b>	1.4	2.03	1.02	1.53	1.67	1.27	2.42	2.12
<b>Ga (ppm)</b>	21.5	22.1	18.3	19.9	17.45	19.25	20.3	18.9
<b>Ge (ppm)</b>	0.1	0.15	0.09	0.13	0.13	0.14	0.16	0.14
<b>Hf (ppm)</b>	1.8	0.8	1.1	1.6	1.4	1.9	0.9	1.5
<b>In (ppm)</b>	0.058	0.037	0.024	0.115	0.053	0.053	0.036	0.024
<b>K (%)</b>	2.5	2.54	3.5	2.52	3.38	3.39	2.91	2.78
<b>La (ppm)</b>	10.9	32.2	7.8	24.1	18.4	28.3	26.4	20.3
<b>Li (ppm)</b>	3.4	5.1	6.5	4.1	8.6	7.1	5.1	5.3
<b>Mg (%)</b>	0.39	0.48	0.4	0.29	0.41	0.22	0.65	0.58
<b>Mn (ppm)</b>	69	53	53	32	44	51	352	405
<b>Mo (ppm)</b>	1.65	2.84	2.17	5.39	39.6	1.41	0.94	0.7
<b>Na (%)</b>	2.24	2.55	0.56	2.83	0.1	2.13	2.8	2.93
<b>Nb (ppm)</b>	2.8	3.1	2	2.2	3	5.4	4.4	2.8
<b>Ni (ppm)</b>	1.4	4.2	3	1.2	1.5	3.5	8.8	7.3
<b>P (ppm)</b>	290	560	130	350	470	490	740	670
<b>Pb (ppm)</b>	5.4	4	1.2	5.7	4.6	8	7.4	6.1
<b>Rb (ppm)</b>	90.7	88.2	121	75.4	125.5	109.5	102	81.1
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	0.005	0.005	-0.002	-0.002	-0.002
<b>S (%)</b>	0.17	0.06	0.03	0.09	0.32	0.02	0.01	0.02
<b>Sb (ppm)</b>	0.71	0.85	0.81	0.67	1.84	2.09	0.5	1.03

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	303236	303178	303174	303160	303193	303228	303447	303502
<b>North (NAD 27)</b>	4318274	4318134	4318065	4317931	4317845	4317773	4316870	4316776
<b>Classification</b>	Sericite-Albite	Sericite-Albite	Sericite	Albite-KSpar-Sericite	Sericite	Albite-KSpar-Sericite	Plag-KSpar	Plag-KSpar
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	H437313	H437314	H437315	H437316	H437317	H437318	H437319	H437320
<b>Lithology</b>	Porphyry	McLeod	Porphyry	Porphyry	Bear (graphic txt.)	Bear (graphic txt.)	Bear	Porphyry
<b>Sc (ppm)</b>	5.3	10	3.6	5.2	7	5.2	5.8	4.6
<b>Se (ppm)</b>	2	3	1	3	4	2	1	-1
<b>Sn (ppm)</b>	2.5	1.2	1.5	1.5	4.2	1.3	1	0.6
<b>Sr (ppm)</b>	361	147	95.2	240	183	159.5	590	865
<b>Ta (ppm)</b>	0.19	0.21	0.16	0.17	0.24	0.44	0.35	0.19
<b>Te (ppm)</b>	0.36	0.2	0.05	0.14	0.65	0.08	0.06	0.1
<b>Th (ppm)</b>	6.4	6	2.9	8.2	16.9	19.7	13.5	7.1
<b>Ti (%)</b>	0.223	0.318	0.149	0.165	0.173	0.223	0.246	0.217
<b>Tl (ppm)</b>	0.61	0.7	0.94	0.96	1.29	0.6	0.37	0.5
<b>U (ppm)</b>	3	2.6	1.4	4.1	3.3	4	3.4	2.8
<b>V (ppm)</b>	60	111	49	70	83	61	65	53
<b>W (ppm)</b>	1.4	2.7	3	1.9	5.2	4.2	1.6	1.4
<b>Y (ppm)</b>	4.4	5.2	3.4	4.8	3.6	8.2	9.1	5.4
<b>Zn (ppm)</b>	11	12	12	7	6	16	25	35
<b>Zr (ppm)</b>	49.8	19.8	32.3	40.9	40.5	54.3	18.3	37.5
<b>Al2O3 (%)</b>	13.71	15.45	14.05	13.11	12.01	13.70	13.24	13.07
<b>CaO (%)</b>	0.36	0.39	0.13	0.22	0.27	0.42	2.24	1.85
<b>FeO (%)</b>	1.80	2.61	1.31	1.97	2.15	1.63	3.11	2.73
<b>K2O (%)</b>	3.01	3.06	4.22	3.04	4.07	4.08	3.51	3.35
<b>MgO (%)</b>	0.65	0.80	0.66	0.48	0.68	0.36	1.08	0.96
<b>Na2O (%)</b>	3.02	3.44	0.75	3.81	0.13	2.87	3.77	3.95
<b>P2O5 (%)</b>	0.07	0.13	0.03	0.08	0.11	0.11	0.17	0.15
<b>TiO2 (%)</b>	0.37	0.53	0.25	0.28	0.29	0.37	0.41	0.36
<b>SO3 (%)</b>	0.43	0.15	0.08	0.23	0.80	0.05	0.03	0.05
<b>Total (%)</b>	23.42	26.56	21.48	23.21	20.51	23.60	27.56	26.47
<b>SiO2 (%)</b>	74.94	71.58	77.02	75.16	78.05	74.74	70.52	71.68
<b>Al_m</b>	0.27	0.30	0.28	0.26	0.24	0.27	0.26	0.26
<b>Ca_m</b>	0.01	0.01	0.00	0.00	0.00	0.01	0.04	0.03
<b>K_m</b>	0.06	0.07	0.09	0.06	0.09	0.09	0.07	0.07
<b>Na_m</b>	0.10	0.11	0.02	0.12	0.00	0.09	0.12	0.13
<b>K_Al</b>	0.24	0.21	0.33	0.25	0.37	0.32	0.29	0.28
<b>Na_Al</b>	0.36	0.37	0.09	0.48	0.02	0.34	0.47	0.50
<b>Plag</b>	0.39	0.39	0.10	0.49	0.04	0.37	0.62	0.63

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	303437	303436	303394	303446	303286	302829	302998	303645	303751
<b>North (NAD 27)</b>	4316592	4316434	4316211	4315921	4315689	4316439	4316785	4317495	4317492
<b>Classification</b>	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plag-KSpar	Albite	Albite-KSpar-Sericite
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	H437321	H437322	H437323	H437324	H437325	H437326	H437327	H437351	H437352
<b>Lithology</b>	Porphyry	McLeod	McLeod	McLeod	McLeod	McLeod	Porphyry	McLeod	Porphyry
<b>Ag (ppm)</b>	0.03	0.07	0.05	0.06	0.04	0.03	0.05	0.29	0.03
<b>Al (%)</b>	7.01	7.32	7.25	7.39	7.57	7.03	6.81	6.46	7.19
<b>As (ppm)</b>	2.3	1.5	1.6	1.7	1.6	3.9	3.2	17.1	42.3
<b>Ba (ppm)</b>	1900	1160	1250	1290	1120	1210	1730	430	1800
<b>Be (ppm)</b>	1.64	1.81	1.67	1.86	1.63	1.55	1.31	1.08	1.72
<b>Bi (ppm)</b>	0.12	0.09	0.09	0.08	0.06	0.08	0.15	0.35	0.48
<b>Ca (%)</b>	1.62	2.83	2.79	2.92	3.17	3.07	1.3	0.26	0.37
<b>Cd (ppm)</b>	0.03	0.06	0.05	0.04	0.04	0.08	0.04	-0.02	0.02
<b>Ce (ppm)</b>	42.9	44.6	45.5	55.1	48.8	38.2	41.8	41.3	35.4
<b>Co (ppm)</b>	5.2	13.8	12.7	11.1	13.5	9.8	3.8	3.8	4.1
<b>Cr (ppm)</b>	13	13	12	5	10	10	11	10	9
<b>Cs (ppm)</b>	1.03	1.86	0.95	1.44	1.29	1.04	0.88	0.39	0.95
<b>Cu (ppm)</b>	50.9	74.4	52.5	70.9	62.3	39.7	154.5	3110	39.3
<b>Fe (%)</b>	1.87	3.64	3.46	3.9	3.8	3.34	2.07	2.03	1.94
<b>Ga (ppm)</b>	20.4	21.4	21.3	20.6	21.6	21.5	19.8	18.35	20.5
<b>Ge (ppm)</b>	0.15	0.18	0.18	0.17	0.18	0.19	0.14	0.16	0.14
<b>Hf (ppm)</b>	1.4	0.8	0.6	1	0.6	0.5	1.3	1.3	1.7
<b>In (ppm)</b>	0.024	0.035	0.037	0.04	0.035	0.028	0.022	0.026	0.041
<b>K (%)</b>	3.23	2.23	2.55	2.64	2.2	2.46	3.12	0.62	2.97
<b>La (ppm)</b>	21.3	20.4	21	26.5	22.9	18	21.9	19.8	16.9
<b>Li (ppm)</b>	5.2	4.9	2.6	5.8	3.8	3.2	5.6	5.9	5.8
<b>Mg (%)</b>	0.43	1.16	1.19	1.03	1.25	1.07	0.58	0.88	0.19
<b>Mn (ppm)</b>	306	494	514	517	482	517	394	104	81
<b>Mo (ppm)</b>	1.26	1.43	1.23	0.45	1.01	0.6	0.68	1.98	2.17
<b>Na (%)</b>	2.69	2.98	3.09	2.71	3.16	3.05	2.95	4.51	3.38
<b>Nb (ppm)</b>	3.1	3.8	4.2	5.3	4.3	4	2.9	2.9	3.5
<b>Ni (ppm)</b>	7	16.6	16.6	7.6	18	16.7	9.5	6.8	5
<b>P (ppm)</b>	670	1340	1300	1750	1440	1310	730	790	590
<b>Pb (ppm)</b>	7.5	10.5	10.1	7.6	7.2	9.5	5.5	2.6	5.4
<b>Rb (ppm)</b>	90.9	54.8	63.4	79.9	69.8	59.5	98.7	24.2	78.5
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.03	0.01	0.01	0.01	-0.01	0.01	0.02	0.05	0.04
<b>Sb (ppm)</b>	0.61	1	0.66	0.6	0.56	1.15	0.68	0.77	0.67

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	303437	303436	303394	303446	303286	302829	302998	303645	303751
<b>North (NAD 27)</b>	4316592	4316434	4316211	4315921	4315689	4316439	4316785	4317495	4317492
<b>Classification</b>	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plag-KSpar	Albite	Albite-KSpar-Sericite
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	H437321	H437322	H437323	H437324	H437325	H437326	H437327	H437351	H437352
<b>Lithology</b>	Porphyry	McLeod	McLeod	McLeod	McLeod	McLeod	Porphyry	McLeod	Porphyry
<b>Sc (ppm)</b>	4.3	9.2	9.4	10	9.2	9.9	4.9	4.5	5.4
<b>Se (ppm)</b>	-1	1	1	1	1	1	-1	3	3
<b>Sn (ppm)</b>	0.7	0.9	0.9	1.2	1	0.6	0.7	0.7	1
<b>Sr (ppm)</b>	844	961	940	996	1035	1115	669	168	623
<b>Ta (ppm)</b>	0.22	0.24	0.26	0.35	0.26	0.26	0.2	0.19	0.24
<b>Te (ppm)</b>	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	0.05	0.29	0.42
<b>Th (ppm)</b>	7.3	6	5.4	6.7	7.1	6.6	7.2	7.6	8.8
<b>Ti (%)</b>	0.224	0.388	0.41	0.455	0.444	0.42	0.234	0.22	0.261
<b>Tl (ppm)</b>	0.47	0.23	0.26	0.31	0.23	0.24	0.72	0.11	0.49
<b>U (ppm)</b>	3	2.2	1.9	2.4	2.5	1.4	3	4.5	5.8
<b>V (ppm)</b>	50	115	114	129	123	121	55	64	78
<b>W (ppm)</b>	0.6	1.6	1.2	2.5	1.5	1	1.1	4.8	4.7
<b>Y (ppm)</b>	5.7	9.5	9.8	13.4	10.8	9.5	5.8	4.8	5
<b>Zn (ppm)</b>	26	60	59	46	48	41	35	8	13
<b>Zr (ppm)</b>	28.6	15.1	10.3	19.9	11	9	35.6	34.3	45.6
<b>Al2O3 (%)</b>	13.24	13.83	13.70	13.96	14.30	13.28	12.86	12.20	13.58
<b>CaO (%)</b>	2.27	3.96	3.90	4.09	4.43	4.29	1.82	0.36	0.52
<b>FeO (%)</b>	2.40	4.68	4.45	5.02	4.89	4.30	2.66	2.61	2.49
<b>K2O (%)</b>	3.89	2.69	3.07	3.18	2.65	2.96	3.76	0.75	3.58
<b>MgO (%)</b>	0.71	1.92	1.97	1.71	2.07	1.77	0.96	1.46	0.32
<b>Na2O (%)</b>	3.63	4.02	4.17	3.65	4.26	4.11	3.98	6.08	4.56
<b>P2O5 (%)</b>	0.15	0.31	0.30	0.40	0.33	0.30	0.17	0.18	0.14
<b>TiO2 (%)</b>	0.37	0.65	0.68	0.76	0.74	0.70	0.39	0.37	0.44
<b>SO3 (%)</b>	0.08	0.03	0.03	0.03	-0.03	0.03	0.05	0.13	0.10
<b>Total (%)</b>	26.75	32.07	32.27	32.79	33.65	31.75	26.65	24.14	25.72
<b>SiO2 (%)</b>	71.38	65.68	65.48	64.92	63.99	66.03	71.48	74.17	72.48
<b>Al_m</b>	0.26	0.27	0.27	0.27	0.28	0.26	0.25	0.24	0.27
<b>Ca_m</b>	0.04	0.07	0.07	0.07	0.08	0.08	0.03	0.01	0.01
<b>K_m</b>	0.08	0.06	0.07	0.07	0.06	0.06	0.08	0.02	0.08
<b>Na_m</b>	0.12	0.13	0.13	0.12	0.14	0.13	0.13	0.20	0.15
<b>K_Al</b>	0.32	0.21	0.24	0.25	0.20	0.24	0.32	0.07	0.29
<b>Na_Al</b>	0.45	0.48	0.50	0.43	0.49	0.51	0.51	0.82	0.55
<b>Plag</b>	0.61	0.74	0.76	0.70	0.77	0.80	0.64	0.85	0.59

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	303603	303508	303479	303507	303453	303474	304509	304528
<b>North (NAD 27)</b>	4317579	4317537	4317540	4317431	4317364	4317272	4317168	4317091
<b>Classification</b>	Sericite	Sericite	Albite-KSpar-Sericite	Sericite	Plag-KSpar	Sericite	Albite-KSpar-Sericite	Plag-KSpar
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	H437353	H437354	H437355	H437356	H437357	H437358	H437390	H437391
<b>Lithology</b>	Bear	Bear	Bear	Porphyry	McLeod	McLeod	Porphyry	Bear (K-spar phenos)
<b>Ag (ppm)</b>	0.22	0.06	0.02	0.12	0.04	0.26	0.07	0.13
<b>Al (%)</b>	7.26	4.17	6.98	7.13	7.62	6.31	7.64	7.67
<b>As (ppm)</b>	6.5	25.8	5.6	15.5	4.3	16	5	4
<b>Ba (ppm)</b>	1190	700	1310	570	1230	640	1480	1690
<b>Be (ppm)</b>	1.98	0.88	2.05	2.92	1.96	2.39	1.94	1.72
<b>Bi (ppm)</b>	0.17	1.81	0.11	1.76	0.15	0.68	0.41	0.37
<b>Ca (%)</b>	0.75	0.1	0.42	0.11	2.96	0.13	0.61	2.22
<b>Cd (ppm)</b>	0.06	-0.02	0.03	0.02	0.04	0.02	-0.02	0.02
<b>Ce (ppm)</b>	58.4	11.9	62.8	29.8	50.2	12.3	38.8	51
<b>Co (ppm)</b>	6.4	1.2	2.3	0.3	13.5	0.3	1.7	3.6
<b>Cr (ppm)</b>	8	9	10	10	10	6	10	17
<b>Cs (ppm)</b>	3.52	1.85	1.84	2.75	2.08	3.72	0.96	1.21
<b>Cu (ppm)</b>	2910	242	856	58	84.4	74.6	185	128.5
<b>Fe (%)</b>	3.33	2.55	2.11	1.96	4.04	1.92	1.99	1.85
<b>Ga (ppm)</b>	21.9	17.55	20.1	25.7	22.5	25.2	21.7	20.7
<b>Ge (ppm)</b>	0.2	0.15	0.18	0.15	0.2	0.13	0.12	0.13
<b>Hf (ppm)</b>	0.9	1.4	1.5	1.8	1.2	1.5	1.6	2
<b>In (ppm)</b>	0.055	0.071	0.022	0.276	0.05	0.143	0.044	0.094
<b>K (%)</b>	3.97	2.19	3.49	3.71	2.63	3.36	2.69	2.91
<b>La (ppm)</b>	30.2	5.8	35	14.4	24.2	7.1	20.9	27.6
<b>Li (ppm)</b>	9.4	4.6	6.9	4.5	3.1	5.2	5.9	5.5
<b>Mg (%)</b>	0.63	0.31	0.39	0.55	1.2	0.55	0.37	0.73
<b>Mn (ppm)</b>	256	45	77	63	592	106	29	133
<b>Mo (ppm)</b>	1.75	4.89	0.76	6.34	1.3	7.55	3.26	2.41
<b>Na (%)</b>	2.16	0.23	2.77	0.09	3.06	0.08	2.47	3.18
<b>Nb (ppm)</b>	6.5	3.7	4.8	3.2	5.2	6.3	1.6	3.5
<b>Ni (ppm)</b>	9.3	2.4	7.1	1.8	18.4	1.3	5.2	10.2
<b>P (ppm)</b>	940	160	610	320	1410	300	460	960
<b>Pb (ppm)</b>	13.3	4.2	7	6	13.8	6.2	3.4	8.5
<b>Rb (ppm)</b>	156	104.5	125	158.5	63.3	184.5	85	75
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.01	0.04	0.02	0.14	0.01	0.06	0.09	0.02
<b>Sb (ppm)</b>	1.81	1.65	0.8	2.05	0.79	1.4	0.53	0.51

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	303603	303508	303479	303507	303453	303474	304509	304528
<b>North (NAD 27)</b>	4317579	4317537	4317540	4317431	4317364	4317272	4317168	4317091
<b>Classification</b>	Sericite	Sericite	Albite-KSpar-Sericite	Sericite	Plag-KSpar	Sericite	Albite-KSpar-Sericite	Plag-KSpar
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	H437353	H437354	H437355	H437356	H437357	H437358	H437390	H437391
<b>Lithology</b>	Bear	Bear	Bear	Porphyry	McLeod	McLeod	Porphyry	Bear (K-spar phenos)
<b>Sc (ppm)</b>	7	4	4.1	5.9	10.2	4.2	5.4	6.9
<b>Se (ppm)</b>	2	4	2	3	2	6	2	2
<b>Sn (ppm)</b>	1.1	0.9	0.6	0.9	1.7	1.3	2.3	1.1
<b>Sr (ppm)</b>	273	43.3	246	52.1	936	39.2	598	1010
<b>Ta (ppm)</b>	0.44	0.32	0.42	0.23	0.32	0.55	0.11	0.24
<b>Te (ppm)</b>	0.06	1.22	-0.05	2.19	0.05	2.56	0.27	0.21
<b>Th (ppm)</b>	15.3	9.4	18.8	7.8	6.9	10.8	7.9	7.7
<b>Ti (%)</b>	0.321	0.166	0.214	0.241	0.407	0.184	0.168	0.301
<b>Tl (ppm)</b>	0.66	0.47	0.52	0.96	0.4	1.07	0.41	0.39
<b>U (ppm)</b>	4.1	4.1	5	6.4	3.1	5.6	3.8	3.7
<b>V (ppm)</b>	90	63	57	61	125	49	62	68
<b>W (ppm)</b>	5.3	5.5	3.6	1.1	2.3	2.6	2.4	1.2
<b>Y (ppm)</b>	11.6	2.5	11	5	13	2.6	3.6	7.8
<b>Zn (ppm)</b>	50	2	13	3	60	14	6	16
<b>Zr (ppm)</b>	29.1	43.4	42.4	52.9	38.4	42.4	39.1	54.6
<b>Al2O3 (%)</b>	13.71	7.88	13.19	13.47	14.39	11.92	14.43	14.49
<b>CaO (%)</b>	1.05	0.14	0.59	0.15	4.14	0.18	0.85	3.11
<b>FeO (%)</b>	4.28	3.28	2.71	2.52	5.20	2.47	2.56	2.38
<b>K2O (%)</b>	4.78	2.64	4.21	4.47	3.17	4.05	3.24	3.51
<b>MgO (%)</b>	1.04	0.51	0.65	0.91	1.99	0.91	0.61	1.21
<b>Na2O (%)</b>	2.91	0.31	3.73	0.12	4.12	0.11	3.33	4.29
<b>P2O5 (%)</b>	0.22	0.04	0.14	0.07	0.32	0.07	0.11	0.22
<b>TiO2 (%)</b>	0.54	0.28	0.36	0.40	0.68	0.31	0.28	0.50
<b>SO3 (%)</b>	0.03	0.10	0.05	0.35	0.03	0.15	0.23	0.05
<b>Total (%)</b>	28.56	15.17	25.62	22.47	34.04	20.16	25.64	29.75
<b>SiO2 (%)</b>	69.44	83.77	72.59	75.95	63.58	78.42	72.57	68.17
<b>Al_m</b>	0.27	0.15	0.26	0.26	0.28	0.23	0.28	0.28
<b>Ca_m</b>	0.02	0.00	0.01	0.00	0.07	0.00	0.02	0.06
<b>K_m</b>	0.10	0.06	0.09	0.10	0.07	0.09	0.07	0.07
<b>Na_m</b>	0.09	0.01	0.12	0.00	0.13	0.00	0.11	0.14
<b>K_Al</b>	0.38	0.36	0.35	0.36	0.24	0.37	0.24	0.26
<b>Na_Al</b>	0.35	0.06	0.47	0.01	0.47	0.01	0.38	0.49
<b>Plag</b>	0.42	0.08	0.51	0.03	0.73	0.03	0.43	0.68

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	304654	304583	304468	304425	304426	304446	304452	304420	303702
<b>North (NAD 27)</b>	4316940	4317013	4317000	4316982	4316904	4316791	4316795	4316757	4316364
<b>Classification</b>	Albite	Plag-KSpar	Plag-KSpar	Albite	Plag-KSpar	Plagioclase	Plag-KSpar	Plag-KSpar	Plag-KSpar
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	H437392	H437393	H437394	H437395	H437396	H437397	H437398	H437399	H437400
<b>Lithology</b>	McLeod	Porphyry	McLeod	Porphyry	McLeod	McLeod	Porphyry	Porphyry	McLeod
<b>Ag (ppm)</b>	0.03	0.06	0.08	0.01	0.05	0.42	0.02	0.03	0.09
<b>Al (%)</b>	7.39	7.52	7.38	6.64	7.64	8.31	7.13	6.9	7.81
<b>As (ppm)</b>	7.3	8.5	4.5	1.5	2.9	17.9	6.1	4.5	2.5
<b>Ba (ppm)</b>	270	1560	1270	390	780	250	2080	1770	1380
<b>Be (ppm)</b>	2.24	1.78	1.72	1.85	2.1	1.96	1.69	1.9	1.9
<b>Bi (ppm)</b>	0.21	0.22	0.12	0.24	0.14	0.15	0.22	0.17	0.15
<b>Ca (%)</b>	0.8	1.53	3.51	0.53	2.66	2.24	1.71	2.07	3.48
<b>Cd (ppm)</b>	-0.02	0.02	0.02	-0.02	0.02	0.02	0.02	0.05	0.06
<b>Ce (ppm)</b>	59.4	45.5	58.6	24.9	55.3	44.7	34.8	37.6	65.2
<b>Co (ppm)</b>	10.1	4.5	10.6	0.7	9.5	2.2	1.5	1.5	15.1
<b>Cr (ppm)</b>	11	15	8	11	9	5	10	11	11
<b>Cs (ppm)</b>	0.4	1.73	1.02	0.25	1.29	0.42	0.76	0.48	1.96
<b>Cu (ppm)</b>	129	211	149	11.5	134	1190	68.9	94.2	71.2
<b>Fe (%)</b>	1.36	1.53	3.93	0.86	2.55	2.3	1.35	1.3	4.19
<b>Ga (ppm)</b>	20.5	21.3	22.1	18.1	22.1	24.3	20	20.4	21.2
<b>Ge (ppm)</b>	0.13	0.13	0.16	0.07	0.16	0.17	0.12	0.1	0.19
<b>Hf (ppm)</b>	1.8	1.8	0.6	1.8	1	0.8	1.6	1.2	0.8
<b>In (ppm)</b>	0.035	0.055	0.054	0.013	0.047	0.038	0.027	0.086	0.045
<b>K (%)</b>	0.43	2.69	2.44	0.53	2.27	0.65	2.05	2.54	2.59
<b>La (ppm)</b>	27.7	25.3	29.6	15.3	28.5	18.3	17	19.3	35.8
<b>Li (ppm)</b>	5.6	7.2	5.7	1.4	4	4.9	3	2.7	4
<b>Mg (%)</b>	0.79	0.5	1.21	0.08	0.85	0.99	0.26	0.32	1.35
<b>Mn (ppm)</b>	49	63	490	30	341	153	60	136	748
<b>Mo (ppm)</b>	2.15	3.31	1.34	1.37	1.93	2.77	2.48	1.65	1.86
<b>Na (%)</b>	4.89	3.27	2.8	5.01	3.42	4.36	3.1	2.84	2.94
<b>Nb (ppm)</b>	3.4	3.6	4.9	2.6	5.5	6.1	2.7	3.2	4.9
<b>Ni (ppm)</b>	7	10.1	13.4	1.6	10.5	8.4	4.7	8.3	15
<b>P (ppm)</b>	860	940	1480	310	1010	1680	590	810	1510
<b>Pb (ppm)</b>	1.9	7	5.7	2.2	7.3	3.3	4	3.3	12.3
<b>Rb (ppm)</b>	16.7	86.6	79.7	18.5	76.8	27.5	51.7	66	87.7
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	0.002
<b>S (%)</b>	0.01	0.01	0.01	0.06	0.01	-0.01	0.01	0.01	0.01
<b>Sb (ppm)</b>	0.5	1.5	0.53	0.28	0.87	0.6	0.44	1.01	0.57

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	304654	304583	304468	304425	304426	304446	304452	304420	303702
<b>North (NAD 27)</b>	4316940	4317013	4317000	4316982	4316904	4316791	4316795	4316757	4316364
<b>Classification</b>	Albite	Plag-KSpar	Plag-KSpar	Albite	Plag-KSpar	Plagioclase	Plag-KSpar	Plag-KSpar	Plag-KSpar
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	H437392	H437393	H437394	H437395	H437396	H437397	H437398	H437399	H437400
<b>Lithology</b>	McLeod	Porphyry	McLeod	Porphyry	McLeod	McLeod	Porphyry	Porphyry	McLeod
<b>Sc (ppm)</b>	5.8	6.7	11.1	3.8	7.8	10.2	4.8	4.2	11.5
<b>Se (ppm)</b>	2	2	2	2	2	7	2	1	2
<b>Sn (ppm)</b>	2.9	1.2	1	0.6	1.3	3.3	0.7	0.7	1
<b>Sr (ppm)</b>	555	824	1145	570	915	781	1375	993	1090
<b>Ta (ppm)</b>	0.25	0.25	0.32	0.19	0.39	0.39	0.18	0.23	0.32
<b>Te (ppm)</b>	0.18	0.17	-0.05	0.4	-0.05	0.19	0.3	0.08	-0.05
<b>Th (ppm)</b>	8.6	7.2	7.2	6.2	14.9	6.6	4.7	7.5	9.6
<b>Ti (%)</b>	0.252	0.296	0.444	0.205	0.349	0.529	0.23	0.228	0.468
<b>Tl (ppm)</b>	0.06	0.4	0.32	0.07	0.28	0.11	0.27	0.26	0.33
<b>U (ppm)</b>	3.6	3.6	3	2.6	5.9	4.2	3.1	3.3	3.2
<b>V (ppm)</b>	66	71	128	38	94	143	53	49	128
<b>W (ppm)</b>	1.3	1.5	1.2	1.5	1.3	3.8	2.1	0.7	1.9
<b>Y (ppm)</b>	5.9	8.2	13.9	3.3	10.6	24.4	5	5.5	14.1
<b>Zn (ppm)</b>	-2	17	38	-2	29	20	5	6	77
<b>Zr (ppm)</b>	44.3	46.1	10.7	48	17.1	14.4	46.9	25.7	14.1
<b>Al2O3 (%)</b>	13.96	14.21	13.94	12.54	14.43	15.70	13.47	13.03	14.75
<b>CaO (%)</b>	1.12	2.14	4.91	0.74	3.72	3.13	2.39	2.90	4.87
<b>FeO (%)</b>	1.75	1.97	5.05	1.11	3.28	2.96	1.74	1.67	5.39
<b>K2O (%)</b>	0.52	3.24	2.94	0.64	2.74	0.78	2.47	3.06	3.12
<b>MgO (%)</b>	1.31	0.83	2.01	0.13	1.41	1.64	0.43	0.53	2.24
<b>Na2O (%)</b>	6.59	4.41	3.77	6.75	4.61	5.88	4.18	3.83	3.96
<b>P2O5 (%)</b>	0.20	0.22	0.34	0.07	0.23	0.38	0.14	0.19	0.35
<b>TiO2 (%)</b>	0.42	0.49	0.74	0.34	0.58	0.88	0.38	0.38	0.78
<b>SO3 (%)</b>	0.03	0.03	0.03	0.15	0.03	-0.03	0.03	0.03	0.03
<b>Total (%)</b>	25.89	27.53	33.73	22.48	31.03	31.33	25.22	25.61	35.48
<b>SiO2 (%)</b>	72.30	70.55	63.91	75.95	66.80	66.47	73.01	72.59	62.03
<b>Al_m</b>	0.27	0.28	0.27	0.25	0.28	0.31	0.26	0.26	0.29
<b>Ca_m</b>	0.02	0.04	0.09	0.01	0.07	0.06	0.04	0.05	0.09
<b>K_m</b>	0.01	0.07	0.06	0.01	0.06	0.02	0.05	0.07	0.07
<b>Na_m</b>	0.21	0.14	0.12	0.22	0.15	0.19	0.13	0.12	0.13
<b>K_Al</b>	0.04	0.25	0.23	0.06	0.21	0.05	0.20	0.25	0.23
<b>Na_Al</b>	0.78	0.51	0.45	0.89	0.53	0.62	0.51	0.48	0.44
<b>Plag</b>	0.85	0.65	0.77	0.94	0.76	0.80	0.67	0.69	0.74

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	304309	304304	304294	304291	304242	304348	304313	304256	304354
<b>North (NAD 27)</b>	4317260	4317164	4317082	4317099	4316984	4316919	4316875	4316827	4316782
<b>Classification</b>	Sericite-Albite	Plag-KSpar	Albite	Albite	Plagioclase	Plagioclase	Plag-KSpar	Plag-KSpar	Plag-KSpar
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	H437406	H437407	H437408	H437409	H437410	H437411	H437412	H437413	H437414
<b>Lithology</b>	Porphyry	McLeod	Porphyry	Porphyry	McLeod	McLeod	Porphyry	McLeod	Porphyry
<b>Ag (ppm)</b>	0.09	0.03	0.06	0.02	0.03	0.03	0.02	0.05	0.01
<b>Al (%)</b>	7.38	8.24	7.36	7.45	7.93	8.3	7.62	8.22	7.79
<b>As (ppm)</b>	1.3	5.2	4.7	20.4	2.7	2.2	3.4	4.9	4.2
<b>Ba (ppm)</b>	1150	680	240	150	100	130	1690	1510	1680
<b>Be (ppm)</b>	1.39	1.92	1.77	1.53	1.55	1.73	1.67	1.61	1.61
<b>Bi (ppm)</b>	0.48	0.07	0.18	0.13	0.08	0.06	0.1	0.13	0.19
<b>Ca (%)</b>	0.15	3.55	0.41	0.36	3.63	3.92	2.07	3.41	1.94
<b>Cd (ppm)</b>	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02
<b>Ce (ppm)</b>	38	62.9	41.7	32.3	51.5	60.7	44.9	45.9	42.2
<b>Co (ppm)</b>	0.4	13.8	11.7	14	6.8	12.2	1.2	3.9	1.3
<b>Cr (ppm)</b>	13	10	15	10	10	12	31	11	15
<b>Cs (ppm)</b>	0.94	0.72	0.39	0.55	0.17	0.27	0.6	1	0.46
<b>Cu (ppm)</b>	120	85.4	236	85.6	81.2	71.2	6.2	71.6	9.1
<b>Fe (%)</b>	1.88	3.35	0.94	1.22	2	2.22	1.37	1.52	1.37
<b>Ga (ppm)</b>	22.6	23.5	23.5	21.8	24	22.9	21.9	23.4	22.3
<b>Ge (ppm)</b>	0.1	0.17	0.09	0.09	0.13	0.15	0.11	0.12	0.11
<b>Hf (ppm)</b>	1.8	1	1.6	2.1	0.7	0.8	1.5	0.7	1.3
<b>In (ppm)</b>	0.038	0.052	0.086	0.015	0.071	0.051	0.059	0.139	0.073
<b>K (%)</b>	2.7	1.59	0.63	0.86	0.28	0.37	2.97	2.97	2.4
<b>La (ppm)</b>	17.9	30.6	17.9	14.3	24.9	29.9	24.5	20.4	20.7
<b>Li (ppm)</b>	5.5	6.1	5.7	7.3	3	2.7	3.6	2	3.6
<b>Mg (%)</b>	0.35	1.38	0.81	0.57	1.27	1.3	0.24	1.13	0.27
<b>Mn (ppm)</b>	20	406	61	91	344	366	130	225	105
<b>Mo (ppm)</b>	2.77	1.55	0.74	1.18	1.24	1.26	3	1.53	4.27
<b>Na (%)</b>	1.75	3.24	4.46	4.43	4.41	4.35	2.78	3.2	3.13
<b>Nb (ppm)</b>	1.4	5.8	2.5	2.6	5	5	3.4	5.3	3.2
<b>Ni (ppm)</b>	2.5	20.5	9.3	10.9	14.8	16.2	7	11.7	5.4
<b>P (ppm)</b>	310	1390	820	920	1420	1540	670	1430	620
<b>Pb (ppm)</b>	2.5	4.8	2.5	1.2	2.9	3.3	5.3	4.7	4.1
<b>Rb (ppm)</b>	97.1	44.5	22.7	35.3	6.1	13.4	71.2	69	65.2
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.38	0.03	0.01	-0.01	0.01	0.01	0.04	0.01	0.01
<b>Sb (ppm)</b>	0.49	0.75	0.52	0.53	0.64	0.5	1.22	1	1.1

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	304309	304304	304294	304291	304242	304348	304313	304256	304354
<b>North (NAD 27)</b>	4317260	4317164	4317082	4317099	4316984	4316919	4316875	4316827	4316782
<b>Classification</b>	Sericite-Albite	Plag-KSpar	Albite	Albite	Plagioclase	Plagioclase	Plag-KSpar	Plag-KSpar	Plag-KSpar
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	H437406	H437407	H437408	H437409	H437410	H437411	H437412	H437413	H437414
<b>Lithology</b>	Porphyry	McLeod	Porphyry	Porphyry	McLeod	McLeod	Porphyry	McLeod	Porphyry
<b>Sc (ppm)</b>	5.3	12	5.2	6.5	10.3	10.9	4.9	11	4.6
<b>Se (ppm)</b>	5	2	1	2	2	2	1	2	2
<b>Sn (ppm)</b>	3.1	1.3	1.2	0.8	1	1.1	0.8	2.1	0.8
<b>Sr (ppm)</b>	179.5	1220	371	204	1030	971	1120	1100	1000
<b>Ta (ppm)</b>	0.1	0.37	0.17	0.16	0.32	0.29	0.22	0.31	0.21
<b>Te (ppm)</b>	0.58	0.06	0.14	0.14	0.05	0.05	0.15	0.1	0.12
<b>Th (ppm)</b>	4.3	11.2	7	7.5	8.4	7.6	7.7	7.9	7.8
<b>Ti (%)</b>	0.145	0.451	0.218	0.208	0.425	0.446	0.235	0.457	0.221
<b>Tl (ppm)</b>	0.57	0.2	0.1	0.12	0.05	0.07	0.38	0.3	0.29
<b>U (ppm)</b>	2.1	4	2.4	3.2	3.3	3.1	3.2	4.5	3.6
<b>V (ppm)</b>	61	122	62	69	107	117	51	94	49
<b>W (ppm)</b>	2.3	1.1	2.6	3.3	0.9	1.1	1.2	1.6	1.4
<b>Y (ppm)</b>	2.1	15.1	5.4	6	12.6	12.7	6	12	5.8
<b>Zn (ppm)</b>	-2	24	7	2	24	24	12	15	6
<b>Zr (ppm)</b>	43.8	17	37.7	53	13.7	15.4	33.5	11.9	26.9
<b>Al2O3 (%)</b>	13.94	15.57	13.90	14.07	14.98	15.68	14.39	15.53	14.72
<b>CaO (%)</b>	0.21	4.97	0.57	0.50	5.08	5.48	2.90	4.77	2.71
<b>FeO (%)</b>	2.42	4.31	1.21	1.57	2.57	2.85	1.76	1.95	1.76
<b>K2O (%)</b>	3.25	1.92	0.76	1.04	0.34	0.45	3.58	3.58	2.89
<b>MgO (%)</b>	0.58	2.29	1.34	0.95	2.11	2.16	0.40	1.87	0.45
<b>Na2O (%)</b>	2.36	4.37	6.01	5.97	5.94	5.86	3.75	4.31	4.22
<b>P2O5 (%)</b>	0.07	0.32	0.19	0.21	0.33	0.35	0.15	0.33	0.14
<b>TiO2 (%)</b>	0.24	0.75	0.36	0.35	0.71	0.74	0.39	0.76	0.37
<b>SO3 (%)</b>	0.95	0.08	0.03	-0.03	0.03	0.03	0.10	0.03	0.03
<b>Total (%)</b>	24.02	34.56	24.38	24.63	32.08	33.60	27.42	33.13	27.29
<b>SiO2 (%)</b>	74.29	63.02	73.92	73.64	65.68	64.04	70.66	64.55	70.80
<b>Al_m</b>	0.27	0.31	0.27	0.28	0.29	0.31	0.28	0.30	0.29
<b>Ca_m</b>	0.00	0.09	0.01	0.01	0.09	0.10	0.05	0.09	0.05
<b>K_m</b>	0.07	0.04	0.02	0.02	0.01	0.01	0.08	0.08	0.06
<b>Na_m</b>	0.08	0.14	0.19	0.19	0.19	0.19	0.12	0.14	0.14
<b>K_Al</b>	0.25	0.13	0.06	0.08	0.02	0.03	0.27	0.25	0.21
<b>Na_Al</b>	0.28	0.46	0.71	0.70	0.65	0.62	0.43	0.46	0.47
<b>Plag</b>	0.29	0.75	0.75	0.73	0.96	0.93	0.61	0.74	0.64

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	304352	304249	304040	303993	303891	303782	306676	306586	306513
<b>North (NAD 27)</b>	4316652	4316654	4316742	4316701	4316669	4316511	4316886	4316723	4316596
<b>Classification</b>	Plagioclase	Plag-KSpar	Plagioclase	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plag-KSpar
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	H437415	H437416	H437417	H437418	H437419	H437420	H437421	H437422	H437423
<b>Lithology</b>	McLeod	McLeod	McLeod	McLeod	Porphyry	Porphyry	Luhr Hill	Porphyry	Luhr Hill
<b>Ag (ppm)</b>	2.37	0.05	0.04	0.05	0.02	0.03	0.05	0.31	0.04
<b>Al (%)</b>	4.33	7.71	7.89	7.86	7.46	7.54	7.53	7.79	7.51
<b>As (ppm)</b>	63.6	2.9	6.5	2.8	3.4	2.1	0.5	0.6	0.9
<b>Ba (ppm)</b>	40	1060	110	1160	2340	1970	1630	1930	1380
<b>Be (ppm)</b>	0.91	1.62	1.6	1.93	1.62	1.67	1.61	1.8	1.8
<b>Bi (ppm)</b>	1.56	0.12	0.08	0.06	0.07	0.06	0.02	0.07	0.02
<b>Ca (%)</b>	3.4	3.1	2.28	2.58	1.83	1.97	1.7	1.44	1.76
<b>Cd (ppm)</b>	0.22	-0.02	-0.02	0.02	-0.02	-0.02	-0.02	0.03	-0.02
<b>Ce (ppm)</b>	93.5	56.4	42.2	58.2	33.7	46.7	43.1	43.6	43.2
<b>Co (ppm)</b>	3.9	15	4	10.8	1.8	5	6	7.6	5.4
<b>Cr (ppm)</b>	17	15	20	15	25	22	17	18	13
<b>Cs (ppm)</b>	0.3	1.66	0.42	1.77	0.49	0.84	0.82	1.67	0.9
<b>Cu (ppm)</b>	95100	378	413	71	60	10.9	129	390	208
<b>Fe (%)</b>	5.45	3.09	1.31	3.22	1.38	2.33	1.59	1.85	1.59
<b>Ga (ppm)</b>	24.1	23	20.5	22.3	21.2	22.5	21.2	22.1	21.7
<b>Ge (ppm)</b>	0.56	0.15	0.1	0.15	0.1	0.12	0.12	0.12	0.11
<b>Hf (ppm)</b>	1.3	0.8	1.6	0.7	1.4	1.7	0.7	1	1
<b>In (ppm)</b>	1.19	0.053	0.036	0.031	0.024	0.019	0.011	0.005	0.012
<b>K (%)</b>	0.06	2.09	0.24	2.84	3.26	3.2	3.07	2.85	3.08
<b>La (ppm)</b>	52	26.3	21.8	27.5	15.8	26.9	20	21.6	20.2
<b>Li (ppm)</b>	8.3	3.5	3.3	4.2	3.7	4.4	3.5	8.3	3.9
<b>Mg (%)</b>	1.23	1.16	0.44	1.02	0.39	0.49	0.49	0.61	0.48
<b>Mn (ppm)</b>	138	496	220	427	155	256	220	196	189
<b>Mo (ppm)</b>	10.95	1.41	1.31	1.45	0.63	0.93	0.7	0.76	0.83
<b>Na (%)</b>	0.96	3.08	4.58	2.83	2.8	2.58	2.92	3.14	2.94
<b>Nb (ppm)</b>	7.6	5	2.7	5.9	2.8	3.2	3.2	2.8	3.7
<b>Ni (ppm)</b>	32.4	17	9.4	15.5	7.4	8.7	9.1	10.3	8
<b>P (ppm)</b>	2330	1270	850	1110	580	650	700	780	680
<b>Pb (ppm)</b>	5.9	7.8	7	10.6	5.1	14.3	8.4	7.7	8.2
<b>Rb (ppm)</b>	2.7	56.3	7.7	92.1	92.3	93.3	89.1	99.3	88.3
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.06	0.01	0.02	-0.01	0.01	0.02	-0.01	0.05	-0.01
<b>Sb (ppm)</b>	3.16	1.03	1.66	0.83	0.83	0.73	0.19	0.18	0.25

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	304352	304249	304040	303993	303891	303782	306676	306586	306513
<b>North (NAD 27)</b>	4316652	4316654	4316742	4316701	4316669	4316511	4316886	4316723	4316596
<b>Classification</b>	Plagioclase	Plag-KSpar	Plagioclase	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plag-KSpar
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	H437415	H437416	H437417	H437418	H437419	H437420	H437421	H437422	H437423
<b>Lithology</b>	McLeod	McLeod	McLeod	McLeod	Porphyry	Porphyry	Luhr Hill	Porphyry	Luhr Hill
<b>Sc (ppm)</b>	10.4	10	5.6	9	4.1	4.6	4.8	5.7	4.9
<b>Se (ppm)</b>	71	2	2	2	2	1	1	1	1
<b>Sn (ppm)</b>	3.9	1	0.7	1	0.6	0.8	0.7	0.3	0.7
<b>Sr (ppm)</b>	734	1030	1080	886	834	924	1010	1090	996
<b>Ta (ppm)</b>	0.45	0.32	0.17	0.39	0.18	0.21	0.2	0.19	0.26
<b>Te (ppm)</b>	0.52	0.05	0.14	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05
<b>Th (ppm)</b>	13.4	10	4.6	12.3	6.3	7.4	6.4	7	9.8
<b>Ti (%)</b>	0.662	0.404	0.241	0.398	0.203	0.229	0.234	0.226	0.228
<b>Tl (ppm)</b>	0.1	0.25	0.07	0.36	0.59	0.57	0.33	0.34	0.29
<b>U (ppm)</b>	107	4.1	2.5	4.2	2.7	3	1.8	2	2.6
<b>V (ppm)</b>	222	113	58	98	45	51	49	60	50
<b>W (ppm)</b>	18.6	1.1	1	1.3	0.5	0.8	0.3	0.4	0.3
<b>Y (ppm)</b>	21	12.5	5.7	12.1	5	5.6	5.6	6	6.2
<b>Zn (ppm)</b>	12	45	5	47	5	18	24	28	18
<b>Zr (ppm)</b>	24.6	13.9	42.4	14.1	29.7	41.2	10.9	28.8	18.1
<b>Al2O3 (%)</b>	8.18	14.56	14.90	14.85	14.09	14.24	14.22	14.72	14.19
<b>CaO (%)</b>	4.76	4.34	3.19	3.61	2.56	2.76	2.38	2.01	2.46
<b>FeO (%)</b>	7.01	3.97	1.68	4.14	1.77	3.00	2.04	2.38	2.04
<b>K2O (%)</b>	0.07	2.52	0.29	3.42	3.93	3.86	3.70	3.43	3.71
<b>MgO (%)</b>	2.04	1.92	0.73	1.69	0.65	0.81	0.81	1.01	0.80
<b>Na2O (%)</b>	1.29	4.15	6.17	3.81	3.77	3.48	3.94	4.23	3.96
<b>P2O5 (%)</b>	0.53	0.29	0.19	0.25	0.13	0.15	0.16	0.18	0.16
<b>TiO2 (%)</b>	1.10	0.67	0.40	0.66	0.34	0.38	0.39	0.38	0.38
<b>SO3 (%)</b>	0.15	0.03	0.05	-0.03	0.03	0.05	-0.03	0.13	-0.03
<b>Total (%)</b>	25.14	32.46	27.62	32.42	27.27	28.72	27.62	28.47	27.67
<b>SiO2 (%)</b>	73.10	65.27	70.45	65.31	70.82	69.27	70.45	69.54	70.39
<b>Al_m</b>	0.16	0.29	0.29	0.29	0.28	0.28	0.28	0.29	0.28
<b>Ca_m</b>	0.09	0.08	0.06	0.06	0.05	0.05	0.04	0.04	0.04
<b>K_m</b>	0.00	0.05	0.01	0.07	0.08	0.08	0.08	0.07	0.08
<b>Na_m</b>	0.04	0.13	0.20	0.12	0.12	0.11	0.13	0.14	0.13
<b>K_Al</b>	0.01	0.19	0.02	0.25	0.30	0.29	0.28	0.25	0.28
<b>Na_Al</b>	0.26	0.47	0.68	0.42	0.44	0.40	0.46	0.47	0.46
<b>Plag</b>	0.79	0.74	0.88	0.64	0.61	0.58	0.61	0.60	0.62

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	306426	306297	306237	306233	306306	306328	306101	305962	305867
<b>North (NAD 27)</b>	4316482	4316276	4316114	4316095	4315894	4315889	4315947	4316200	4316322
<b>Classification</b>	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plagioclase	Plag-KSpar	Plagioclase	Plag-KSpar	Plag-KSpar	Plag-KSpar
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	H437424	H437425	H437426	H437427	H437428	H437429	H437430	H437431	H437432
<b>Lithology</b>	Porphyry	Luhr Hill	Luhr Hill	Luhr Hill	Porphyry	Luhr Hill	Luhr Hill	Porphyry	McLeod
<b>Ag (ppm)</b>	0.31	0.12	0.03	0.03	0.1	0.07	0.17	0.04	0.06
<b>Al (%)</b>	7.94	7.62	7.71	7.63	8.13	7.7	7.44	7.52	7.96
<b>As (ppm)</b>	1	1.6	0.5	2.1	5	2.9	3.5	1.3	4.7
<b>Ba (ppm)</b>	1310	1560	1370	270	1010	250	1420	1450	930
<b>Be (ppm)</b>	1.78	1.55	1.61	1.69	1.69	1.72	1.81	1.57	1.77
<b>Bi (ppm)</b>	0.2	0.07	0.09	0.04	0.06	0.04	0.26	0.12	0.14
<b>Ca (%)</b>	1.37	1.88	2.29	2.9	2.99	3.28	1.92	2.49	4.01
<b>Cd (ppm)</b>	0.07	0.02	0.05	-0.02	0.04	-0.02	-0.02	0.02	-0.02
<b>Ce (ppm)</b>	48.8	35	48.5	36.8	62.5	34.9	39.1	38.4	58.5
<b>Co (ppm)</b>	2.1	5.8	5.2	1.3	8	1.5	6.3	3	11.5
<b>Cr (ppm)</b>	13	16	17	16	46	15	14	27	13
<b>Cs (ppm)</b>	2.94	1.24	0.87	0.41	1.01	0.53	1.29	0.45	0.89
<b>Cu (ppm)</b>	240	313	73.7	9.2	14.6	8.1	259	45.1	128.5
<b>Fe (%)</b>	1.35	1.8	1.9	0.43	2.49	0.41	1.8	0.86	2.2
<b>Ga (ppm)</b>	24	20.2	18.95	20.8	22.4	20.2	21.4	21.1	22.9
<b>Ge (ppm)</b>	0.12	0.1	0.1	0.09	0.14	0.09	0.1	0.09	0.15
<b>Hf (ppm)</b>	0.5	1	0.7	1.1	1.7	1	0.9	1.2	0.6
<b>In (ppm)</b>	0.018	0.013	0.019	0.011	0.027	0.007	0.013	0.029	0.049
<b>K (%)</b>	3.75	2.85	2.85	0.28	2.09	0.24	2.96	2.66	1.63
<b>La (ppm)</b>	22.5	15.7	25.4	15.1	30.8	15.2	18.7	18.4	28.3
<b>Li (ppm)</b>	9.7	6.6	4.3	3.3	4.4	3.3	5.6	4.6	4.5
<b>Mg (%)</b>	0.46	0.52	0.61	0.61	1.11	0.78	0.53	0.52	1.41
<b>Mn (ppm)</b>	222	189	272	90	218	94	184	116	351
<b>Mo (ppm)</b>	1.69	0.78	0.94	0.53	1.2	0.58	0.92	0.59	1.23
<b>Na (%)</b>	2.33	2.93	2.91	3.98	3.61	3.78	2.93	2.92	3.27
<b>Nb (ppm)</b>	2	2.9	3.4	3.1	3.6	3.1	3.3	3	4.9
<b>Ni (ppm)</b>	8.4	7.9	9.6	5.7	22.7	5.5	8.7	9.1	18.3
<b>P (ppm)</b>	750	700	820	700	1080	680	730	670	1470
<b>Pb (ppm)</b>	7.6	8.1	12.8	4.8	8.2	4.9	7.8	7.9	6.8
<b>Rb (ppm)</b>	108	73.4	77.5	4.4	60	5.7	93.3	51.2	34.7
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.01	0.01	0.01	0.01	0.04	0.02	0.01	0.02	0.02
<b>Sb (ppm)</b>	0.43	0.27	0.32	0.55	0.68	0.69	0.26	0.74	0.92

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	306426	306297	306237	306233	306306	306328	306101	305962	305867
<b>North (NAD 27)</b>	4316482	4316276	4316114	4316095	4315894	4315889	4315947	4316200	4316322
<b>Classification</b>	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plagioclase	Plag-KSpar	Plagioclase	Plag-KSpar	Plag-KSpar	Plag-KSpar
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	H437424	H437425	H437426	H437427	H437428	H437429	H437430	H437431	H437432
<b>Lithology</b>	Porphyry	Luhr Hill	Luhr Hill	Luhr Hill	Porphyry	Luhr Hill	Luhr Hill	Porphyry	McLeod
<b>Sc (ppm)</b>	5.2	4.6	5.8	5.6	9.9	5.5	5	4.9	11.6
<b>Se (ppm)</b>	1	1	1	1	2	1	1	1	2
<b>Sn (ppm)</b>	0.6	0.7	0.8	1.3	1.3	1	0.7	1	1.2
<b>Sr (ppm)</b>	268	1040	1130	1320	1230	1340	1020	1130	1190
<b>Ta (ppm)</b>	0.12	0.19	0.29	0.2	0.21	0.2	0.21	0.19	0.28
<b>Te (ppm)</b>	0.09	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05
<b>Th (ppm)</b>	7.6	6.5	9.6	6.2	6.6	6.1	9.3	6.2	7.7
<b>Ti (%)</b>	0.136	0.225	0.265	0.239	0.346	0.237	0.237	0.219	0.434
<b>Tl (ppm)</b>	0.38	0.29	0.32	0.04	0.22	0.07	0.34	0.22	0.17
<b>U (ppm)</b>	1.6	1.9	3.3	1.9	3.2	1.7	2.9	2.3	3.5
<b>V (ppm)</b>	56	50	63	43	89	48	53	51	116
<b>W (ppm)</b>	21.5	0.7	0.6	0.3	0.8	0.3	0.4	0.4	1.2
<b>Y (ppm)</b>	5.1	5.3	7	6.6	8.6	6.4	5.9	5.7	12.8
<b>Zn (ppm)</b>	15	20	18	5	23	5	16	7	25
<b>Zr (ppm)</b>	8.8	20.1	10.8	22.9	43.4	19.4	14.1	24.3	10.1
<b>Al<sub>2</sub>O<sub>3</sub> (%)</b>	15.00	14.39	14.56	14.41	15.36	14.55	14.05	14.21	15.04
<b>CaO (%)</b>	1.92	2.63	3.20	4.06	4.18	4.59	2.69	3.48	5.61
<b>FeO (%)</b>	1.74	2.31	2.44	0.55	3.20	0.53	2.31	1.11	2.83
<b>K<sub>2</sub>O (%)</b>	4.52	3.43	3.43	0.34	2.52	0.29	3.57	3.21	1.96
<b>MgO (%)</b>	0.76	0.86	1.01	1.01	1.84	1.29	0.88	0.86	2.34
<b>Na<sub>2</sub>O (%)</b>	3.14	3.95	3.92	5.37	4.87	5.10	3.95	3.94	4.41
<b>P<sub>2</sub>O<sub>5</sub> (%)</b>	0.17	0.16	0.19	0.16	0.25	0.16	0.17	0.15	0.34
<b>TiO<sub>2</sub> (%)</b>	0.23	0.38	0.44	0.40	0.58	0.40	0.40	0.37	0.72
<b>SO<sub>3</sub> (%)</b>	0.03	0.03	0.03	0.03	0.10	0.05	0.03	0.05	0.05
<b>Total (%)</b>	27.50	28.15	29.23	26.32	32.89	26.94	28.04	27.37	33.30
<b>SiO<sub>2</sub> (%)</b>	70.58	69.88	68.72	71.84	64.81	71.17	70.00	70.72	64.37
<b>Al_m</b>	0.29	0.28	0.29	0.28	0.30	0.29	0.28	0.28	0.29
<b>Ca_m</b>	0.03	0.05	0.06	0.07	0.07	0.08	0.05	0.06	0.10
<b>K_m</b>	0.10	0.07	0.07	0.01	0.05	0.01	0.08	0.07	0.04
<b>Na_m</b>	0.10	0.13	0.13	0.17	0.16	0.16	0.13	0.13	0.14
<b>K_Al</b>	0.33	0.26	0.26	0.03	0.18	0.02	0.28	0.24	0.14
<b>Na_Al</b>	0.34	0.45	0.44	0.61	0.52	0.58	0.46	0.46	0.48
<b>Plag</b>	0.46	0.62	0.64	0.87	0.77	0.86	0.64	0.68	0.82

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	306176	306532	306883	304169	304112	304141	304154	304124	304098
<b>North (NAD 27)</b>	4316498	4316268	4316343	4317368	4317317	4317248	4317168	4317097	4317028
<b>Classification</b>	Plag-KSpar	Plag-KSpar	Plag-KSpar	Sericite	Plag-KSpar	Albite	Albite	Albite	Albite
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	H437433	H437434	H437435	H437460	H437461	H437462	H437463	H437464	H437465
<b>Lithology</b>	Luhr Hill	Luhr Hill	Luhr Hill	Porphyry	McLeod	Porphyry	Porphyry	Porphyry	Porphyry
<b>Ag (ppm)</b>	0.09	0.03	0.04	0.07	-0.01	-0.01	-0.01	-0.01	-0.01
<b>Al (%)</b>	7.59	7.47	7.22	7.06	6.5	6.83	6.89	7.03	6.54
<b>As (ppm)</b>	0.6	-0.2	0.3	27	3.3	7.4	3.8	7.3	0.8
<b>Ba (ppm)</b>	1290	1510	1280	1240	240	180	220	750	310
<b>Be (ppm)</b>	1.76	1.57	1.81	1.29	1.41	2.05	1.82	1.73	1.76
<b>Bi (ppm)</b>	0.01	0.01	0.02	1.12	0.03	0.65	0.21	0.34	0.65
<b>Ca (%)</b>	1.92	1.9	1.44	0.12	2.92	0.95	0.36	0.39	0.22
<b>Cd (ppm)</b>	-0.02	-0.02	-0.02	-0.02	0.02	0.04	0.03	0.02	0.03
<b>Ce (ppm)</b>	45.5	44.7	33.5	20.7	37.9	19.3	18.15	28.7	31.2
<b>Co (ppm)</b>	5.7	5.6	4.5	1.7	7.1	2.9	1.3	1.6	0.5
<b>Cr (ppm)</b>	14	19	15	13	9	13	8	14	9
<b>Cs (ppm)</b>	1.23	0.88	0.75	0.86	1.72	0.56	0.6	0.63	0.52
<b>Cu (ppm)</b>	377	41.5	15	90.9	71.7	21.6	70.4	46.3	11.8
<b>Fe (%)</b>	1.98	1.7	1.3	1.83	2.64	1.56	0.89	1.26	0.82
<b>Ga (ppm)</b>	21.7	20.6	21.4	25.5	20	19.7	21.3	20.8	21.3
<b>Ge (ppm)</b>	0.12	0.11	0.09	0.09	0.14	0.11	0.07	0.13	0.1
<b>Hf (ppm)</b>	0.8	0.7	0.8	1.7	0.5	1.6	1.4	1.9	1.8
<b>In (ppm)</b>	0.013	0.012	0.009	0.125	0.055	0.125	0.121	0.045	0.023
<b>K (%)</b>	2.72	2.88	2.89	3.32	1.3	0.62	0.77	1.07	1.18
<b>La (ppm)</b>	21.3	20.8	17	10.6	16.8	8.5	8.4	13.8	16
<b>Li (ppm)</b>	6.3	5	5.7	2.9	7.8	6	4.3	3.2	1.9
<b>Mg (%)</b>	0.55	0.49	0.37	0.37	1.38	0.55	0.32	0.19	0.16
<b>Mn (ppm)</b>	121	235	187	40	333	87	30	30	39
<b>Mo (ppm)</b>	0.74	0.63	0.57	3.93	0.97	1.21	1.56	2.88	1.46
<b>Na (%)</b>	2.86	2.93	2.91	0.23	3.09	4.21	4.48	4.34	4.31
<b>Nb (ppm)</b>	3.4	3.3	2.8	1.6	4.2	2.2	2.2	2.1	1.8
<b>Ni (ppm)</b>	9	7.9	6.2	4.1	15.6	9.5	4.2	3.2	1.5
<b>P (ppm)</b>	810	720	480	230	1360	810	630	390	180
<b>Pb (ppm)</b>	7.2	8.7	9.9	2.9	2.5	2.9	1.6	2.2	3.1
<b>Rb (ppm)</b>	74.3	80.2	91.7	116	57	25.2	32.8	36.2	47.6
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.01	-0.01	-0.01	0.16	-0.01	-0.01	0.01	0.02	0.09
<b>Sb (ppm)</b>	0.09	0.09	0.12	0.97	2.07	1.27	0.6	0.41	0.35

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	306176	306532	306883	304169	304112	304141	304154	304124	304098
<b>North (NAD 27)</b>	4316498	4316268	4316343	4317368	4317317	4317248	4317168	4317097	4317028
<b>Classification</b>	Plag-KSpar	Plag-KSpar	Plag-KSpar	Sericite	Plag-KSpar	Albite	Albite	Albite	Albite
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	H437433	H437434	H437435	H437460	H437461	H437462	H437463	H437464	H437465
<b>Lithology</b>	Luhr Hill	Luhr Hill	Luhr Hill	Porphyry	McLeod	Porphyry	Porphyry	Porphyry	Porphyry
<b>Sc (ppm)</b>	5.5	4.9	3.8	6.1	10.1	5.3	4.9	4.9	5.4
<b>Se (ppm)</b>	1	1	1	3	1	1	1	2	3
<b>Sn (ppm)</b>	0.9	0.7	0.6	2.1	0.9	0.6	0.6	0.6	0.5
<b>Sr (ppm)</b>	1010	1090	915	130.5	263	594	341	386	188.5
<b>Ta (ppm)</b>	0.22	0.21	0.18	0.12	0.29	0.16	0.15	0.16	0.13
<b>Te (ppm)</b>	-0.05	-0.05	-0.05	1.29	0.05	0.4	0.28	0.5	0.89
<b>Th (ppm)</b>	9.4	7.2	7.7	4.1	6.9	7.3	6.6	8	5.3
<b>Ti (%)</b>	0.253	0.239	0.177	0.144	0.382	0.183	0.186	0.189	0.146
<b>Tl (ppm)</b>	0.29	0.3	0.28	0.87	0.36	0.12	0.13	0.15	0.14
<b>U (ppm)</b>	2	2.3	3	2.6	2	3.1	2.7	3.8	2.3
<b>V (ppm)</b>	59	52	38	82	98	54	47	52	44
<b>W (ppm)</b>	0.3	0.3	0.2	2.9	6.1	1.2	1.1	2.2	0.9
<b>Y (ppm)</b>	6.7	6	4.5	3	11.9	4.5	3.1	3.9	3.4
<b>Zn (ppm)</b>	14	20	18	41	29	12	5	4	3
<b>Zr (ppm)</b>	13.2	9.9	13.4	41.4	8.3	38.3	32.3	45.9	50.2
<b>Al2O3 (%)</b>	14.34	14.11	13.64	13.34	12.28	12.90	13.02	13.28	12.35
<b>CaO (%)</b>	2.69	2.66	2.01	0.17	4.09	1.33	0.50	0.55	0.31
<b>FeO (%)</b>	2.55	2.19	1.67	2.35	3.40	2.01	1.14	1.62	1.05
<b>K2O (%)</b>	3.28	3.47	3.48	4.00	1.57	0.75	0.93	1.29	1.42
<b>MgO (%)</b>	0.91	0.81	0.61	0.61	2.29	0.91	0.53	0.32	0.27
<b>Na2O (%)</b>	3.86	3.95	3.92	0.31	4.17	5.68	6.04	5.85	5.81
<b>P2O5 (%)</b>	0.19	0.16	0.11	0.05	0.31	0.19	0.14	0.09	0.04
<b>TiO2 (%)</b>	0.42	0.40	0.30	0.24	0.64	0.31	0.31	0.32	0.24
<b>SO3 (%)</b>	0.03	-0.03	-0.03	0.40	-0.03	-0.03	0.03	0.05	0.23
<b>Total (%)</b>	28.25	27.73	25.72	21.47	28.70	24.04	22.64	23.35	21.72
<b>SiO2 (%)</b>	69.78	70.33	72.48	77.02	69.29	74.28	75.77	75.01	76.76
<b>Al_m</b>	0.28	0.28	0.27	0.26	0.24	0.25	0.26	0.26	0.24
<b>Ca_m</b>	0.05	0.05	0.04	0.00	0.07	0.02	0.01	0.01	0.01
<b>K_m</b>	0.07	0.07	0.07	0.09	0.03	0.02	0.02	0.03	0.03
<b>Na_m</b>	0.12	0.13	0.13	0.01	0.13	0.18	0.19	0.19	0.19
<b>K_Al</b>	0.25	0.27	0.28	0.33	0.14	0.06	0.08	0.11	0.12
<b>Na_Al</b>	0.44	0.46	0.47	0.04	0.56	0.72	0.76	0.72	0.77
<b>Plag</b>	0.61	0.63	0.61	0.05	0.86	0.82	0.80	0.76	0.80

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	304118	304138	304360	304457	304408	304318	304232	304140	303954
<b>North (NAD 27)</b>	4316884	4316798	4316721	4316629	4316542	4316457	4316437	4316367	4316379
<b>Classification</b>	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plagioclase	Sericite	Plag-KSpar	Plag-KSpar	Plag-KSpar
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	H437466	H437467	H437468	H437469	H437470	H437471	H437472	H437473	H437474
<b>Lithology</b>	Porphyry	Porphyry	Porphyry	Porphyry	McLeod	Porphyry	McLeod	Porphyry	Porphyry
<b>Ag (ppm)</b>	0.03	0.01	-0.01	0.01	-0.01	-0.01	0.01	0.01	0.01
<b>Al (%)</b>	7.01	7.13	7.05	7.24	7.59	7.28	7.63	7.3	6.97
<b>As (ppm)</b>	10.5	1.9	-0.2	2.3	0.8	1.6	3.8	0.8	0.8
<b>Ba (ppm)</b>	1780	2060	1690	1650	120	3420	1170	1460	1650
<b>Be (ppm)</b>	2.09	1.66	1.9	1.57	1.61	1.39	1.74	2	1.92
<b>Bi (ppm)</b>	0.1	0.17	0.06	0.11	0.04	0.15	0.26	0.09	0.05
<b>Ca (%)</b>	1.44	0.98	2.17	2.09	4.39	1.66	3.72	2.25	1.34
<b>Cd (ppm)</b>	0.03	0.03	0.05	0.02	0.02	0.02	0.05	0.02	0.07
<b>Ce (ppm)</b>	32.7	35.7	31.7	33.9	45.4	33.2	51.4	45.7	39.2
<b>Co (ppm)</b>	1.5	3.2	1.8	1.1	11.4	3.2	20.3	4.5	4.3
<b>Cr (ppm)</b>	12	19	15	20	11	16	15	26	16
<b>Cs (ppm)</b>	0.75	0.51	0.53	0.67	0.29	0.78	1.04	0.8	0.81
<b>Cu (ppm)</b>	14.1	26.1	8.6	9.1	65.4	3.3	76.3	7.9	4.3
<b>Fe (%)</b>	1.36	1.59	1.2	1.46	2.39	1.66	3.96	2.02	1.7
<b>Ga (ppm)</b>	23.7	22.4	22.2	21.6	23.5	20.9	23.8	20.9	22.7
<b>Ge (ppm)</b>	0.11	0.15	0.13	0.11	0.15	0.13	0.19	0.14	0.13
<b>Hf (ppm)</b>	1.4	1.4	1.4	1.3	0.8	1.8	0.7	1.9	1.5
<b>In (ppm)</b>	0.051	0.065	0.031	0.027	0.053	0.035	0.065	0.023	0.022
<b>K (%)</b>	2.69	2.63	2.16	2.72	0.28	4.76	2.37	2.32	2.61
<b>La (ppm)</b>	15.6	15.5	14.3	17.3	20.3	14.9	23.8	22.6	18.2
<b>Li (ppm)</b>	4.3	3.1	3.8	3.8	3	5.1	4.5	5.5	4.5
<b>Mg (%)</b>	0.16	0.16	0.37	0.39	1.28	0.49	1.2	0.68	0.51
<b>Mn (ppm)</b>	97	66	141	192	398	232	565	230	190
<b>Mo (ppm)</b>	2.38	2.31	0.93	2.24	1.44	0.41	1.12	0.32	0.52
<b>Na (%)</b>	2.81	3.06	3.14	2.75	4.03	1.89	2.73	2.84	3.15
<b>Nb (ppm)</b>	3.1	3	3.1	2.9	4.7	2.7	4.8	2.7	3
<b>Ni (ppm)</b>	4.6	4.4	7.4	4.7	16.2	8.1	18.4	10.7	8.5
<b>P (ppm)</b>	550	430	720	630	1390	590	1430	830	620
<b>Pb (ppm)</b>	6.2	3.3	2.6	5.9	3.3	5.4	9.3	4.8	4.2
<b>Rb (ppm)</b>	76.4	80.1	49.2	64.2	5.1	133.5	65.4	67.8	70.6
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	0.002	-0.002	-0.002
<b>S (%)</b>	0.01	0.43	-0.01	0.09	-0.01	-0.01	0.01	0.01	-0.01
<b>Sb (ppm)</b>	1.03	0.69	0.68	1.09	0.48	1.02	1.47	0.86	0.68

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	304118	304138	304360	304457	304408	304318	304232	304140	303954
<b>North (NAD 27)</b>	4316884	4316798	4316721	4316629	4316542	4316457	4316437	4316367	4316379
<b>Classification</b>	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plagioclase	Sericite	Plag-KSpar	Plag-KSpar	Plag-KSpar
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	H437466	H437467	H437468	H437469	H437470	H437471	H437472	H437473	H437474
<b>Lithology</b>	Porphyry	Porphyry	Porphyry	Porphyry	McLeod	Porphyry	McLeod	Porphyry	Porphyry
<b>Sc (ppm)</b>	5.4	5.2	5.6	5.4	11.4	5.5	11.7	7.1	5
<b>Se (ppm)</b>	2	4	1	3	1	1	1	1	1
<b>Sn (ppm)</b>	0.7	0.7	0.6	0.6	1.1	0.6	1	0.6	0.9
<b>Sr (ppm)</b>	1100	793	1175	1225	1115	773	1125	938	616
<b>Ta (ppm)</b>	0.2	0.2	0.2	0.2	0.3	0.18	0.29	0.18	0.2
<b>Te (ppm)</b>	0.47	0.43	0.13	0.1	-0.05	-0.05	0.07	-0.05	-0.05
<b>Th (ppm)</b>	6.2	6.2	6.5	7	7.1	6.7	7.4	7.7	7.8
<b>Ti (%)</b>	0.22	0.223	0.23	0.225	0.449	0.205	0.441	0.24	0.213
<b>Tl (ppm)</b>	0.44	0.37	0.22	0.34	0.04	0.54	0.27	0.4	0.34
<b>U (ppm)</b>	3.1	3.1	2.6	3.5	2.9	2.3	3.2	3.1	3.1
<b>V (ppm)</b>	50	48	47	50	123	50	129	64	47
<b>W (ppm)</b>	1.1	1.2	0.5	0.9	0.9	0.6	1.2	0.8	0.7
<b>Y (ppm)</b>	6.8	6.8	5.8	4.8	11.8	5.5	12.5	6.7	6.1
<b>Zn (ppm)</b>	16	5	14	15	26	23	46	16	13
<b>Zr (ppm)</b>	34.2	36.4	33.2	29.8	14.4	49.8	13.6	52.8	36.1
<b>Al2O3 (%)</b>	13.24	13.47	13.32	13.68	14.34	13.75	14.41	13.79	13.17
<b>CaO (%)</b>	2.01	1.37	3.04	2.92	6.14	2.32	5.20	3.15	1.87
<b>FeO (%)</b>	1.75	2.04	1.54	1.88	3.07	2.13	5.09	2.60	2.19
<b>K2O (%)</b>	3.24	3.17	2.60	3.28	0.34	5.74	2.86	2.80	3.15
<b>MgO (%)</b>	0.27	0.27	0.61	0.65	2.12	0.81	1.99	1.13	0.85
<b>Na2O (%)</b>	3.79	4.12	4.23	3.71	5.43	2.55	3.68	3.83	4.25
<b>P2O5 (%)</b>	0.13	0.10	0.16	0.14	0.32	0.14	0.33	0.19	0.14
<b>TiO2 (%)</b>	0.37	0.37	0.38	0.38	0.75	0.34	0.74	0.40	0.36
<b>SO3 (%)</b>	0.03	1.08	-0.03	0.23	-0.03	-0.03	0.03	0.03	-0.03
<b>Total (%)</b>	24.82	25.99	25.87	26.85	32.49	27.76	34.32	27.90	25.94
<b>SiO2 (%)</b>	73.44	72.19	72.32	71.27	65.24	70.30	63.27	70.14	72.25
<b>Al_m</b>	0.26	0.26	0.26	0.27	0.28	0.27	0.28	0.27	0.26
<b>Ca_m</b>	0.04	0.02	0.05	0.05	0.11	0.04	0.09	0.06	0.03
<b>K_m</b>	0.07	0.07	0.06	0.07	0.01	0.12	0.06	0.06	0.07
<b>Na_m</b>	0.12	0.13	0.14	0.12	0.18	0.08	0.12	0.12	0.14
<b>K_Al</b>	0.27	0.26	0.21	0.26	0.03	0.45	0.22	0.22	0.26
<b>Na_Al</b>	0.47	0.50	0.52	0.45	0.62	0.30	0.42	0.46	0.53
<b>Plag</b>	0.61	0.60	0.73	0.64	1.01	0.46	0.75	0.66	0.66

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	303843	305329	305345	305287	305517	305506	305875	305424	305389
<b>North (NAD 27)</b>	4316294	4315206	4315322	4315706	4315761	4315993	4316002	4316206	4316431
<b>Classification</b>	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plagioclase	Plag-KSpar	Plag-KSpar	Plagioclase	Plag-KSpar	Plag-KSpar
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	H437475	H437476	H437477	H437478	H437479	H437480	H437481	H437482	H437483
<b>Lithology</b>	McLeod	McLeod	Porphyry	McLeod	McLeod	Porphyry	Porphyry	Porphyry	Porphyry
<b>Ag (ppm)</b>	0.03	0.03	-0.01	-0.01	0.06	0.03	-0.01	0.03	0.03
<b>Al (%)</b>	7.26	7.66	6.98	7.66	7.87	6.98	7.15	6.82	6.99
<b>As (ppm)</b>	2	2	1.5	0.3	1.7	0.5	0.3	0.5	4.3
<b>Ba (ppm)</b>	1210	1250	1540	130	1230	1610	120	1500	1220
<b>Be (ppm)</b>	1.91	1.73	1.54	1.55	1.78	1.95	1.71	1.91	1.5
<b>Bi (ppm)</b>	0.05	0.04	0.06	0.05	0.03	0.08	0.08	0.06	0.61
<b>Ca (%)</b>	2.88	3.11	3	3.81	4.29	1.84	2.57	1.68	3.21
<b>Cd (ppm)</b>	0.06	0.03	0.04	0.03	0.05	0.03	0.03	0.05	-0.02
<b>Ce (ppm)</b>	52	54.4	40.8	44.4	60.6	41.2	29.1	37.7	46.9
<b>Co (ppm)</b>	17.2	12.8	2.1	6.3	22.8	3.4	9.7	3.7	7.3
<b>Cr (ppm)</b>	10	13	15	14	7	18	19	15	18
<b>Cs (ppm)</b>	1.83	1.42	0.43	0.18	1.33	0.49	0.22	0.83	0.41
<b>Cu (ppm)</b>	56.1	263	10.7	8.8	61.9	97.4	22.4	11.1	149.5
<b>Fe (%)</b>	3.63	3.68	0.74	1.54	4.78	0.94	0.74	1.16	1.71
<b>Ga (ppm)</b>	22.8	24.6	22.2	23.1	26.8	23.4	21.2	21.3	24.3
<b>Ge (ppm)</b>	0.2	0.18	0.12	0.13	0.19	0.14	0.12	0.11	0.13
<b>Hf (ppm)</b>	0.7	0.8	1.5	0.9	1.4	1.6	1.3	1.4	1.7
<b>In (ppm)</b>	0.04	0.043	0.023	0.058	0.057	0.034	0.016	0.029	0.205
<b>K (%)</b>	2.43	2.45	2.91	0.15	2.11	3.32	0.13	2.92	2.16
<b>La (ppm)</b>	23.7	24.3	20.1	20.1	26.3	19.5	11.3	17.9	20.6
<b>Li (ppm)</b>	4.6	4.1	3.3	3.4	4.8	3.2	4.6	4	4.8
<b>Mg (%)</b>	1.28	1.16	0.46	1	1.67	0.57	0.5	0.47	0.71
<b>Mn (ppm)</b>	609	405	132	229	698	114	101	163	164
<b>Mo (ppm)</b>	1.16	1.34	0.79	1.16	3.38	0.6	0.48	2.3	0.41
<b>Na (%)</b>	2.8	3.21	2.98	4.41	3.16	3.21	4.37	3.17	3.08
<b>Nb (ppm)</b>	4.7	4.7	3.2	4.2	5.6	3.4	2.9	3	3
<b>Ni (ppm)</b>	18.7	18.5	10.9	18.6	21.7	11.4	8.1	7.8	13.2
<b>P (ppm)</b>	1400	1480	880	1290	2080	770	690	660	1070
<b>Pb (ppm)</b>	10.9	5.9	6.6	3	9.1	4.5	3.1	9.5	4.9
<b>Rb (ppm)</b>	81.5	73.1	57.3	2	49.5	76.9	2	66.3	44.7
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	-0.01	-0.01	0.01	-0.01	0.01	0.01	0.02	0.02	0.02
<b>Sb (ppm)</b>	0.51	0.49	0.6	0.64	0.31	0.8	0.55	0.66	5.52

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	303843	305329	305345	305287	305517	305506	305875	305424	305389
<b>North (NAD 27)</b>	4316294	4315206	4315322	4315706	4315761	4315993	4316002	4316206	4316431
<b>Classification</b>	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plagioclase	Plag-KSpar	Plag-KSpar	Plagioclase	Plag-KSpar	Plag-KSpar
<b>Block</b>	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason	Ann-Mason
<b>Sample#</b>	H437475	H437476	H437477	H437478	H437479	H437480	H437481	H437482	H437483
<b>Lithology</b>	McLeod	McLeod	Porphyry	McLeod	McLeod	Porphyry	Porphyry	Porphyry	Porphyry
<b>Sc (ppm)</b>	12.6	11	5.5	8.5	15.6	6.4	4.8	4.7	7.4
<b>Se (ppm)</b>	2	2	1	1	2	1	1	1	1
<b>Sn (ppm)</b>	1	1.1	0.9	0.9	1.2	0.9	0.9	0.7	3.6
<b>Sr (ppm)</b>	907	1050	1070	1085	1365	762	1030	849	1170
<b>Ta (ppm)</b>	0.29	0.31	0.22	0.28	0.28	0.21	0.2	0.21	0.19
<b>Te (ppm)</b>	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	0.05
<b>Th (ppm)</b>	7.3	7.2	7.4	5.9	5.1	7.1	6.5	7.8	4.9
<b>Ti (%)</b>	0.41	0.471	0.247	0.464	0.633	0.25	0.232	0.218	0.295
<b>Tl (ppm)</b>	0.28	0.22	0.2	0.03	0.22	0.22	0.02	0.22	0.19
<b>U (ppm)</b>	2.8	3.5	2.8	2.6	2.7	3	2.2	2.7	2.6
<b>V (ppm)</b>	114	122	58	110	175	53	49	45	87
<b>W (ppm)</b>	1.3	0.8	0.4	0.9	1.2	0.5	0.4	0.5	0.7
<b>Y (ppm)</b>	13	11.5	5.9	9.4	16	6.6	5.6	5.6	6.8
<b>Zn (ppm)</b>	65	39	11	16	72	10	7	13	12
<b>Zr (ppm)</b>	13.4	13.7	34	17.1	30.4	41.8	28.6	30.5	47.1
<b>Al2O3 (%)</b>	13.71	14.47	13.19	14.47	14.87	13.19	13.51	12.88	13.20
<b>CaO (%)</b>	4.03	4.35	4.20	5.33	6.00	2.57	3.60	2.35	4.49
<b>FeO (%)</b>	4.67	4.73	0.95	1.98	6.15	1.21	0.95	1.49	2.20
<b>K2O (%)</b>	2.93	2.95	3.51	0.18	2.54	4.00	0.16	3.52	2.60
<b>MgO (%)</b>	2.12	1.92	0.76	1.66	2.77	0.95	0.83	0.78	1.18
<b>Na2O (%)</b>	3.77	4.33	4.02	5.94	4.26	4.33	5.89	4.27	4.15
<b>P2O5 (%)</b>	0.32	0.34	0.20	0.30	0.48	0.18	0.16	0.15	0.25
<b>TiO2 (%)</b>	0.68	0.79	0.41	0.77	1.06	0.42	0.39	0.36	0.49
<b>SO3 (%)</b>	-0.03	-0.03	0.03	-0.03	0.03	0.03	0.05	0.05	0.05
<b>Total (%)</b>	32.22	33.86	27.26	30.61	38.14	26.86	25.52	25.86	28.61
<b>SiO2 (%)</b>	65.53	63.77	70.83	67.25	59.19	71.26	72.69	72.33	69.38
<b>Al_m</b>	0.27	0.28	0.26	0.28	0.29	0.26	0.26	0.25	0.26
<b>Ca_m</b>	0.07	0.08	0.08	0.10	0.11	0.05	0.06	0.04	0.08
<b>K_m</b>	0.06	0.06	0.07	0.00	0.05	0.09	0.00	0.07	0.06
<b>Na_m</b>	0.12	0.14	0.13	0.19	0.14	0.14	0.19	0.14	0.13
<b>K_Al</b>	0.23	0.22	0.29	0.01	0.19	0.33	0.01	0.30	0.21
<b>Na_Al</b>	0.45	0.49	0.50	0.68	0.47	0.54	0.72	0.55	0.52
<b>Plag</b>	0.72	0.77	0.79	1.01	0.84	0.72	0.96	0.71	0.83

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	305689	305542	295518	295553	295589	295599	295626
<b>North (NAD 27)</b>	4316506	4316498	4321901	4321953	4321342	4321477	4321965
<b>Classification</b>	Plagioclase	Plag-KSpar	Albite-KSpar-Sericite	Sericite	Sericite	Sericite	Sericite
<b>Block</b>	Ann-Mason	Ann-Mason	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin
<b>Sample#</b>	H437484	H437485	H437298	H437299	H437360	H437359	H437300
<b>Lithology</b>	Porphyry	Porphyry	Fulstone quartz latite, above cgl	Artesia Tuff Sandstone (top)	Jal	Jaa	Artesia breccia or tuff-bx
<b>Ag (ppm)</b>	0.01	0.02	0.04	0.09	0.14	0.07	0.03
<b>Al (%)</b>	6.67	6.87	7.2	7.82	5.88	9.09	6.83
<b>As (ppm)</b>	-0.2	1.7	3	1.4	4.3	3.6	0.9
<b>Ba (ppm)</b>	220	970	1070	990	280	1580	170
<b>Be (ppm)</b>	1.89	2.08	1.29	0.93	2.56	1.1	0.36
<b>Bi (ppm)</b>	0.02	0.36	0.08	0.28	0.09	0.1	0.14
<b>Ca (%)</b>	2.08	2.83	0.41	0.05	0.17	0.23	0.03
<b>Cd (ppm)</b>	0.03	0.03	0.02	-0.02	0.06	-0.02	-0.02
<b>Ce (ppm)</b>	32.5	41.8	36	30.8	64	46.5	26.7
<b>Co (ppm)</b>	1.7	4	17.7	1.2	0.7	3.5	2.4
<b>Cr (ppm)</b>	20	18	11	25	4	12	13
<b>Cs (ppm)</b>	0.34	0.37	0.85	0.94	4.04	1.11	0.76
<b>Cu (ppm)</b>	27.3	56.3	16.1	22.7	6.3	152.5	6.4
<b>Fe (%)</b>	0.57	1.12	5.01	1.07	0.5	3.36	0.24
<b>Ga (ppm)</b>	22.2	22.9	19.35	25.3	16.65	25.9	5.06
<b>Ge (ppm)</b>	0.12	0.13	0.15	0.09	0.15	0.21	0.09
<b>Hf (ppm)</b>	1.7	1.5	2.4	3.1	2.7	2.4	2.2
<b>In (ppm)</b>	0.016	0.094	0.03	0.015	0.026	0.059	-0.005
<b>K (%)</b>	0.36	1.92	2.43	3.67	4.19	2.96	3.23
<b>La (ppm)</b>	14.2	19.3	17.8	15	35	21.7	16.4
<b>Li (ppm)</b>	4.7	3.9	13.1	1.5	15.2	4.4	0.8
<b>Mg (%)</b>	0.58	0.58	1.54	0.11	0.1	0.13	0.02
<b>Mn (ppm)</b>	87	155	204	19	492	48	9
<b>Mo (ppm)</b>	0.79	1.05	0.31	1.86	0.63	1.18	3.69
<b>Na (%)</b>	4.48	3.4	3.2	0.16	1.29	0.69	0.14
<b>Nb (ppm)</b>	3.1	3.5	3.8	3.3	15	3.9	5
<b>Ni (ppm)</b>	10	10.3	18.4	2	1.3	6.1	1
<b>P (ppm)</b>	740	900	1230	610	210	1200	630
<b>Pb (ppm)</b>	2.6	5.1	4.1	3.5	24.3	3.6	6.4
<b>Rb (ppm)</b>	9.3	38.1	53.5	110.5	208	109.5	78
<b>Re (ppm)</b>	-0.002	0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	-0.01	-0.01	-0.01	0.07	0.01	0.01	0.06
<b>Sb (ppm)</b>	0.39	2.7	1.32	1.41	5.89	1.25	1.26

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	305689	305542	295518	295553	295589	295599	295626
<b>North (NAD 27)</b>	4316506	4316498	4321901	4321953	4321342	4321477	4321965
<b>Classification</b>	Plagioclase	Plag-KSpar	Albite-KSpar-Sericite	Sericite	Sericite	Sericite	Sericite
<b>Block</b>	Ann-Mason	Ann-Mason	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin
<b>Sample#</b>	H437484	H437485	H437298	H437299	H437360	H437359	H437300
<b>Lithology</b>	Porphyry	Porphyry	Fulstone quartz latite, above cgl	Artesia Tuff Sandstone (top)	Jal	Jaa	Artesia breccia or tuff-bx
<b>Sc (ppm)</b>	5.3	5.8	8.6	11.8	3.3	9.4	3.6
<b>Se (ppm)</b>	1	1	1	2	2	4	2
<b>Sn (ppm)</b>	1	1.3	1	1.1	2.6	0.8	1
<b>Sr (ppm)</b>	925	1080	264	267	103.5	873	1070
<b>Ta (ppm)</b>	0.21	0.25	0.24	0.22	1.51	0.3	0.32
<b>Te (ppm)</b>	-0.05	-0.05	-0.05	0.06	-0.05	0.11	0.31
<b>Th (ppm)</b>	7.4	7.9	7.2	7.2	25.6	10.7	6.5
<b>Ti (%)</b>	0.238	0.285	0.375	0.361	0.063	0.247	0.497
<b>Tl (ppm)</b>	0.05	0.13	0.14	0.35	1.38	0.62	0.25
<b>U (ppm)</b>	3	3.4	2.2	4.4	6.5	5.7	2.4
<b>V (ppm)</b>	51	65	80	148	5	249	192
<b>W (ppm)</b>	0.4	0.4	1.5	0.9	1.3	1.4	2.9
<b>Y (ppm)</b>	6.2	7.1	10.3	9.2	17.7	9.2	2.6
<b>Zn (ppm)</b>	7	11	25	-2	20	3	-2
<b>Zr (ppm)</b>	40.4	35.9	74.7	98.1	64.1	86.7	68.8
<b>Al2O3 (%)</b>	12.60	12.98	13.60	14.77	11.11	17.17	12.90
<b>CaO (%)</b>	2.91	3.96	0.57	0.07	0.24	0.32	0.04
<b>FeO (%)</b>	0.73	1.44	6.44	1.38	0.64	4.32	0.31
<b>K2O (%)</b>	0.43	2.31	2.93	4.42	5.05	3.57	3.89
<b>MgO (%)</b>	0.96	0.96	2.55	0.18	0.17	0.22	0.03
<b>Na2O (%)</b>	6.04	4.58	4.31	0.22	1.74	0.93	0.19
<b>P2O5 (%)</b>	0.17	0.21	0.28	0.14	0.05	0.27	0.14
<b>TiO2 (%)</b>	0.40	0.48	0.63	0.60	0.11	0.41	0.83
<b>SO3 (%)</b>	-0.03	-0.03	-0.03	0.18	0.03	0.03	0.15
<b>Total (%)</b>	24.22	26.89	31.29	21.96	19.12	27.24	18.49
<b>SiO2 (%)</b>	74.09	71.23	66.51	76.51	79.54	70.86	80.22
<b>Al_m</b>	0.25	0.25	0.27	0.29	0.22	0.34	0.25
<b>Ca_m</b>	0.05	0.07	0.01	0.00	0.00	0.01	0.00
<b>K_m</b>	0.01	0.05	0.06	0.09	0.11	0.08	0.08
<b>Na_m</b>	0.19	0.15	0.14	0.01	0.06	0.03	0.01
<b>K_Al</b>	0.04	0.19	0.23	0.32	0.49	0.23	0.33
<b>Na_Al</b>	0.79	0.58	0.52	0.02	0.26	0.09	0.02
<b>Plag</b>	1.00	0.86	0.56	0.03	0.28	0.11	0.03

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	295634	295654	295667	295693	295753	295756
<b>North (NAD 27)</b>	4321945	4321234	4322023	4321888	4321379	4321893
<b>Classification</b>	Sericite	Sericite	Sericite	Albite	Sericite	Sericite-Albite
<b>Block</b>	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin
<b>Sample#</b>	H437288	H437361	H437401	H437297	H437362	H437296
<b>Lithology</b>	Artesia Andesite (Cent Buckskin)	Jal	Artesia Andesite (lava/dike)-C Buckskin	Fulstone quartz latite, above cgl	Jfd	Fulstone quartz latite
<b>Ag (ppm)</b>	0.2	0.01	0.03	0.02	0.1	0.02
<b>Al (%)</b>	7.24	5.72	8.67	7.7	5.71	7.44
<b>As (ppm)</b>	1.1	6.3	3.4	3.8	15.7	1.4
<b>Ba (ppm)</b>	980	300	1130	660	300	670
<b>Be (ppm)</b>	1.86	2.45	2.81	1.72	3.09	1.93
<b>Bi (ppm)</b>	0.23	0.1	0.33	0.08	0.02	0.05
<b>Ca (%)</b>	0.31	0.07	0.39	1.13	0.18	0.8
<b>Cd (ppm)</b>	0.02	0.02	0.02	0.02	0.04	0.02
<b>Ce (ppm)</b>	35.7	68.9	50.1	58.4	60.6	35.6
<b>Co (ppm)</b>	20.9	0.9	18.5	17	0.9	11.5
<b>Cr (ppm)</b>	15	6	11	13	4	7
<b>Cs (ppm)</b>	3.11	4.57	2.93	1.09	6.61	2.13
<b>Cu (ppm)</b>	466	4	9.6	4.9	4.5	3.6
<b>Fe (%)</b>	5.49	0.6	6.45	4.81	0.71	4.38
<b>Ga (ppm)</b>	20.4	16.85	25.8	22.4	16.5	21.1
<b>Ge (ppm)</b>	0.14	0.17	0.2	0.17	0.13	0.16
<b>Hf (ppm)</b>	2.7	2.7	1.8	2.7	2.7	2.9
<b>In (ppm)</b>	0.027	0.024	0.059	0.032	0.012	0.033
<b>K (%)</b>	3.64	4.83	3.63	1.15	4.83	2.03
<b>La (ppm)</b>	15.8	37.1	24.6	30.4	33.3	16.2
<b>Li (ppm)</b>	13.6	14.1	13.7	15.5	13.2	20.6
<b>Mg (%)</b>	1.95	0.09	1.18	1.82	0.1	0.92
<b>Mn (ppm)</b>	112	111	140	356	245	140
<b>Mo (ppm)</b>	0.29	0.81	0.87	0.6	0.52	0.64
<b>Na (%)</b>	0.04	0.35	0.15	3.98	0.19	2.88
<b>Nb (ppm)</b>	2.8	15.5	4.4	4.9	15	3.9
<b>Ni (ppm)</b>	21.1	1.1	31	25.5	1.1	16.4
<b>P (ppm)</b>	1190	120	1910	1490	90	1220
<b>Pb (ppm)</b>	1.8	12.9	2.5	6.4	13.6	4.6
<b>Rb (ppm)</b>	114.5	232	143	33.3	208	79.2
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.01	0.02	0.01	-0.01	0.03	-0.01
<b>Sb (ppm)</b>	1.49	13.1	1.31	1.68	10.3	1.18

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	295634	295654	295667	295693	295753	295756
<b>North (NAD 27)</b>	4321945	4321234	4322023	4321888	4321379	4321893
<b>Classification</b>	Sericite	Sericite	Sericite	Albite	Sericite	Sericite-Albite
<b>Block</b>	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin
<b>Sample#</b>	H437288	H437361	H437401	H437297	H437362	H437296
<b>Lithology</b>	Artesia Andesite (Cent Buckskin)	Jal	Artesia Andesite (lava/dike)-C Buckskin	Fulstone quartz latite, above cgl	Jfd	Fulstone quartz latite
<b>Sc (ppm)</b>	10.5	3.3	14.1	11.3	3.2	10.2
<b>Se (ppm)</b>	1	2	1	1	2	1
<b>Sn (ppm)</b>	0.6	2.5	1.6	1	1.3	0.8
<b>Sr (ppm)</b>	41.2	67.3	44	717	65.4	366
<b>Ta (ppm)</b>	0.19	1.54	0.3	0.31	1.55	0.26
<b>Te (ppm)</b>	0.15	-0.05	0.05	0.05	-0.05	0.05
<b>Th (ppm)</b>	6	26.6	6.8	8.1	26.2	7
<b>Ti (%)</b>	0.326	0.061	0.482	0.509	0.061	0.412
<b>Tl (ppm)</b>	0.33	2.21	0.8	0.1	2.27	0.28
<b>U (ppm)</b>	2.4	6.1	2.8	2.9	5.1	2.8
<b>V (ppm)</b>	128	4	159	157	7	130
<b>W (ppm)</b>	15.7	1.9	4.1	2	2.9	1.7
<b>Y (ppm)</b>	8.2	18.5	8.7	13.2	21.1	9.9
<b>Zn (ppm)</b>	9	29	39	39	21	17
<b>Zr (ppm)</b>	86.7	64.8	60.3	79.8	62.4	93.5
<b>Al2O3 (%)</b>	13.68	10.81	16.38	14.55	10.79	14.05
<b>CaO (%)</b>	0.43	0.10	0.55	1.58	0.25	1.12
<b>FeO (%)</b>	7.06	0.77	8.29	6.19	0.91	5.63
<b>K2O (%)</b>	4.39	5.82	4.37	1.39	5.82	2.45
<b>MgO (%)</b>	3.23	0.15	1.96	3.02	0.17	1.53
<b>Na2O (%)</b>	0.05	0.47	0.20	5.37	0.26	3.88
<b>P2O5 (%)</b>	0.27	0.03	0.44	0.34	0.02	0.28
<b>TiO2 (%)</b>	0.54	0.10	0.80	0.85	0.10	0.69
<b>SO3 (%)</b>	0.03	0.05	0.03	-0.03	0.08	-0.03
<b>Total (%)</b>	29.68	18.30	33.02	33.25	18.39	29.60
<b>SiO2 (%)</b>	68.24	80.42	64.67	64.43	80.32	68.33
<b>Al_m</b>	0.27	0.21	0.32	0.29	0.21	0.28
<b>Ca_m</b>	0.01	0.00	0.01	0.03	0.00	0.02
<b>K_m</b>	0.09	0.12	0.09	0.03	0.12	0.05
<b>Na_m</b>	0.00	0.02	0.01	0.17	0.01	0.13
<b>K_Al</b>	0.35	0.58	0.29	0.10	0.59	0.19
<b>Na_Al</b>	0.01	0.07	0.02	0.61	0.04	0.45
<b>Plag</b>	0.04	0.08	0.05	0.71	0.06	0.53

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	295778	295790	295836	295849	295850	295861
<b>North (NAD 27)</b>	4322059	4321884	4321898	4321922	4321510	4322168
<b>Classification</b>	Pyroph/Alun/Topaz	Albite	Sericite	Pyroph/Alun/Topaz	Pyroph/Alun/Topaz	Pyroph/Alun/Topaz
<b>Block</b>	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin
<b>Sample#</b>	H437402	H437289	H437290	H437328	H437363	H437403
<b>Lithology</b>	Artesia bedded tuff breccia, 10-100 cm bedded	Fulstone Dacite lava	Artesia Andesite	Artesia	Jaa?	Artesia Andesite, brecciated
<b>Ag (ppm)</b>	0.08	0.03	0.02	0.01	0.52	0.02
<b>Al (%)</b>	7.45	6.99	7.78	6.46	5.95	6.21
<b>As (ppm)</b>	29.4	1.7	2.5	8.1	5.2	3.5
<b>Ba (ppm)</b>	370	240	1120	70	370	90
<b>Be (ppm)</b>	0.25	1.49	2.27	0.12	0.5	0.12
<b>Bi (ppm)</b>	1.86	0.05	0.04	0.7	0.95	4.26
<b>Ca (%)</b>	0.1	0.38	0.28	0.14	0.03	0.18
<b>Cd (ppm)</b>	0.03	0.03	0.03	-0.02	-0.02	-0.02
<b>Ce (ppm)</b>	62.2	64.9	43.8	89	53.7	29
<b>Co (ppm)</b>	0.3	7.7	20.9	0.2	0.6	0.5
<b>Cr (ppm)</b>	11	9	13	18	8	70
<b>Cs (ppm)</b>	0.39	1.18	1.78	0.05	0.98	0.06
<b>Cu (ppm)</b>	16.9	12.6	12.2	14.8	13.6	17.4
<b>Fe (%)</b>	1.31	4.95	7.85	0.11	1.61	0.76
<b>Ga (ppm)</b>	26.1	20.2	22.4	14.1	17.6	28.2
<b>Ge (ppm)</b>	0.22	0.14	0.17	0.12	0.16	0.13
<b>Hf (ppm)</b>	2.6	2.8	1.7	1.4	4.1	1.2
<b>In (ppm)</b>	0.019	0.023	0.047	0.014	0.011	0.036
<b>K (%)</b>	1.88	1.09	3.3	2.11	1.53	3.01
<b>La (ppm)</b>	33.3	29.1	19.8	33.9	27.7	10.8
<b>Li (ppm)</b>	16.7	17.7	12.5	4	1	3.9
<b>Mg (%)</b>	0.02	1.98	1.22	-0.01	0.02	0.01
<b>Mn (ppm)</b>	22	137	166	9	16	-5
<b>Mo (ppm)</b>	14.4	0.35	0.92	4.25	7.4	1.21
<b>Na (%)</b>	0.74	3.28	0.08	0.69	0.44	0.89
<b>Nb (ppm)</b>	5	2.2	2.9	4.4	5.9	0.9
<b>Ni (ppm)</b>	0.7	17.7	31.3	0.9	2.6	3.2
<b>P (ppm)</b>	1580	1170	1310	2400	670	1250
<b>Pb (ppm)</b>	24.4	4.6	2.9	41.6	5	144.5
<b>Rb (ppm)</b>	32	45.1	110.5	3.9	55.6	4.8
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	2.94	-0.01	0.01	5.88	0.53	7.71
<b>Sb (ppm)</b>	4.11	1.16	1.29	2.47	2.4	1.26

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	295778	295790	295836	295849	295850	295861
<b>North (NAD 27)</b>	4322059	4321884	4321898	4321922	4321510	4322168
<b>Classification</b>	Pyroph/Alun/Topaz	Albite	Sericite	Pyroph/Alun/Topaz	Pyroph/Alun/Topaz	Pyroph/Alun/Topaz
<b>Block</b>	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin
<b>Sample#</b>	H437402	H437289	H437290	H437328	H437363	H437403
<b>Lithology</b>	Artesia bedded tuff breccia, 10-100 cm bedded	Fulstone Dacite lava	Artesia Andesite	Artesia	Jaa?	Artesia Andesite, brecciated
<b>Sc (ppm)</b>	8	10.1	12.4	7	9.1	6.3
<b>Se (ppm)</b>	5	2	1	2	9	3
<b>Sn (ppm)</b>	1	0.6	0.8	1.4	0.9	0.7
<b>Sr (ppm)</b>	1365	210	35.3	1630	348	712
<b>Ta (ppm)</b>	0.36	0.16	0.19	0.29	0.43	0.07
<b>Te (ppm)</b>	0.97	-0.05	-0.05	0.93	1.24	0.78
<b>Th (ppm)</b>	12	6.9	5.9	14.3	10.1	3.2
<b>Ti (%)</b>	0.505	0.277	0.327	0.495	0.395	0.129
<b>Tl (ppm)</b>	0.32	0.1	0.54	0.02	0.52	0.02
<b>U (ppm)</b>	4.1	3	2.7	2.5	8.8	1.2
<b>V (ppm)</b>	166	123	137	176	268	104
<b>W (ppm)</b>	2.7	3.1	1.3	1.4	1.7	0.2
<b>Y (ppm)</b>	6.8	7.8	8.5	2	14.6	1.6
<b>Zn (ppm)</b>	-2	15	22	-2	-2	-2
<b>Zr (ppm)</b>	82.3	94.2	55.8	61.5	138.5	37.7
<b>Al<sub>2</sub>O<sub>3</sub> (%)</b>	14.07	13.20	14.70	12.20	11.24	11.73
<b>CaO (%)</b>	0.14	0.53	0.39	0.20	0.04	0.25
<b>FeO (%)</b>	1.68	6.37	10.10	0.14	2.07	0.98
<b>K<sub>2</sub>O (%)</b>	2.27	1.31	3.98	2.54	1.84	3.63
<b>MgO (%)</b>	0.03	3.28	2.02	-0.02	0.03	0.02
<b>Na<sub>2</sub>O (%)</b>	1.00	4.42	0.11	0.93	0.59	1.20
<b>P<sub>2</sub>O<sub>5</sub> (%)</b>	0.36	0.27	0.30	0.55	0.15	0.29
<b>TiO<sub>2</sub> (%)</b>	0.84	0.46	0.55	0.83	0.66	0.22
<b>SO<sub>3</sub> (%)</b>	7.35	-0.03	0.03	14.70	1.33	19.28
<b>Total (%)</b>	27.75	29.82	32.16	32.07	17.96	37.58
<b>SiO<sub>2</sub> (%)</b>	70.31	68.09	65.59	65.68	80.78	59.79
<b>Al_m</b>	0.28	0.26	0.29	0.24	0.22	0.23
<b>Ca_m</b>	0.00	0.01	0.01	0.00	0.00	0.00
<b>K_m</b>	0.05	0.03	0.08	0.05	0.04	0.08
<b>Na_m</b>	0.03	0.14	0.00	0.03	0.02	0.04
<b>K_Al</b>	0.17	0.11	0.29	0.23	0.18	0.34
<b>Na_Al</b>	0.12	0.55	0.01	0.13	0.09	0.17
<b>Plag</b>	0.13	0.59	0.04	0.14	0.09	0.19

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	295880	295882	295886	295893	295912	295932	295967
<b>North (NAD 27)</b>	4321925	4322207	4321937	4322199	4321854	4321448	4321963
<b>Classification</b>	Pyroph/Alun/Topaz	Pyroph/Alun/Topaz	Pyroph/Alun/Topaz	Pyroph/Alun/Topaz	Pyroph/Alun/Topaz	Sericite	Pyroph/Alun/Topaz
<b>Block</b>	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin
<b>Sample#</b>	H437330	H437404	H437329	H437405	H437295	H437364	H437331
<b>Lithology</b>	Artesia	Artesia Andesite	Artesia	Artesia Andesite	Artesia breccia or tuff-bx	Jas	Artesia
<b>Ag (ppm)</b>	-0.01	0.15	0.02	0.08	0.02	0.52	0.13
<b>Al (%)</b>	5.32	7.22	4.85	8.15	7.08	0.74	4.38
<b>As (ppm)</b>	3.7	1.9	2.3	3.3	7	2.6	13.8
<b>Ba (ppm)</b>	70	810	370	220	140	100	230
<b>Be (ppm)</b>	0.11	1.51	0.14	0.75	0.4	0.13	0.17
<b>Bi (ppm)</b>	0.28	0.08	0.29	1.63	0.25	0.09	0.7
<b>Ca (%)</b>	0.08	0.29	0.03	0.29	0.07	0.09	0.08
<b>Cd (ppm)</b>	-0.02	-0.02	0.02	-0.02	-0.02	0.02	-0.02
<b>Ce (ppm)</b>	36.6	44.4	29	53.8	48.4	4.62	28.9
<b>Co (ppm)</b>	0.3	29.2	0.3	14.1	0.5	2	0.3
<b>Cr (ppm)</b>	46	16	9	42	13	31	15
<b>Cs (ppm)</b>	0.08	1.38	-0.05	0.64	0.8	0.21	-0.05
<b>Cu (ppm)</b>	17.3	81.2	18.5	36.7	12	13.9	4.9
<b>Fe (%)</b>	0.32	7.24	1.24	4.48	0.75	0.35	0.69
<b>Ga (ppm)</b>	15.65	24.7	8.51	21.5	5.32	3.25	12
<b>Ge (ppm)</b>	0.07	0.16	0.11	0.16	0.1	0.07	0.1
<b>Hf (ppm)</b>	1.2	2.4	0.9	1.3	3.1	3.1	1.6
<b>In (ppm)</b>	0.011	0.09	-0.005	0.085	0.047	0.006	0.006
<b>K (%)</b>	1.76	1.86	0.03	2.39	2.16	0.28	1.17
<b>La (ppm)</b>	17.1	17.4	19.4	20.9	29.8	2.3	15.2
<b>Li (ppm)</b>	0.7	29.3	42.4	16.1	0.6	3.5	1
<b>Mg (%)</b>	-0.01	2.18	-0.01	1.05	0.03	0.01	0.01
<b>Mn (ppm)</b>	21	523	12	242	12	48	19
<b>Mo (ppm)</b>	5.48	0.38	27.6	0.89	4.02	1.55	3.59
<b>Na (%)</b>	0.46	0.12	0.02	0.74	0.25	0.03	0.6
<b>Nb (ppm)</b>	4.7	2.5	3.6	2	5.1	6.8	3.4
<b>Ni (ppm)</b>	1.5	30.9	0.5	12.8	0.8	2.1	1
<b>P (ppm)</b>	1230	1100	810	1330	1080	420	860
<b>Pb (ppm)</b>	25.7	6.8	7.5	97.6	15.9	2.4	7.9
<b>Rb (ppm)</b>	2.8	59.5	0.3	31.4	59.8	10.3	1.4
<b>Re (ppm)</b>	-0.002	0.003	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	4.64	0.06	0.13	4.74	0.11	0.01	3.95
<b>Sb (ppm)</b>	1.56	1.19	2.4	1.02	2.21	3.6	2.96

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	295880	295882	295886	295893	295912	295932	295967
<b>North (NAD 27)</b>	4321925	4322207	4321937	4322199	4321854	4321448	4321963
<b>Classification</b>	Pyroph/Alun/Topaz	Pyroph/Alun/Topaz	Pyroph/Alun/Topaz	Pyroph/Alun/Topaz	Pyroph/Alun/Topaz	Sericite	Pyroph/Alun/Topaz
<b>Block</b>	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin
<b>Sample#</b>	H437330	H437404	H437329	H437405	H437295	H437364	H437331
<b>Lithology</b>	Artesia	Artesia Andesite	Artesia	Artesia Andesite	Artesia breccia or tuff-bx	Jas	Artesia
<b>Sc (ppm)</b>	3.5	16.6	1.3	8.1	5.2	3.4	3
<b>Se (ppm)</b>	1	2	4	2	2	3	3
<b>Sn (ppm)</b>	1.9	1.1	0.6	1.3	1.3	0.9	0.9
<b>Sr (ppm)</b>	855	76.2	1590	787	1295	25.3	982
<b>Ta (ppm)</b>	0.31	0.18	0.26	0.13	0.34	0.28	0.23
<b>Te (ppm)</b>	0.25	-0.05	1.06	0.36	1.19	0.26	0.72
<b>Th (ppm)</b>	6.5	9.2	3.6	6.3	8.2	5	4.1
<b>Ti (%)</b>	0.469	0.282	0.351	0.246	0.543	0.405	0.347
<b>Tl (ppm)</b>	0.02	3.04	-0.02	1.15	0.47	0.06	0.04
<b>U (ppm)</b>	2	2.7	0.9	2	4.8	2.3	1.9
<b>V (ppm)</b>	117	189	78	161	148	86	92
<b>W (ppm)</b>	1.1	0.5	2.7	0.5	5.3	13	1.6
<b>Y (ppm)</b>	1.6	5.7	0.8	4.6	3.2	4	1.8
<b>Zn (ppm)</b>	-2	259	-2	114	-2	-2	-2
<b>Zr (ppm)</b>	43.3	81.5	29.2	42.6	79.8	97.5	51.1
<b>Al2O3 (%)</b>	10.05	13.64	9.16	15.40	13.37	1.40	8.27
<b>CaO (%)</b>	0.11	0.41	0.04	0.41	0.10	0.13	0.11
<b>FeO (%)</b>	0.41	9.31	1.59	5.76	0.96	0.45	0.89
<b>K2O (%)</b>	2.12	2.24	0.04	2.88	2.60	0.34	1.41
<b>MgO (%)</b>	-0.02	3.61	-0.02	1.74	0.05	0.02	0.02
<b>Na2O (%)</b>	0.62	0.16	0.03	1.00	0.34	0.04	0.81
<b>P2O5 (%)</b>	0.28	0.25	0.19	0.30	0.25	0.10	0.20
<b>TiO2 (%)</b>	0.78	0.47	0.59	0.41	0.91	0.68	0.58
<b>SO3 (%)</b>	11.60	0.15	0.33	11.85	0.28	0.03	9.88
<b>Total (%)</b>	25.96	30.24	11.94	39.75	18.85	3.17	22.16
<b>SiO2 (%)</b>	72.22	67.64	87.22	57.47	79.83	96.61	76.29
<b>Al_m</b>	0.20	0.27	0.18	0.30	0.26	0.03	0.16
<b>Ca_m</b>	0.00	0.01	0.00	0.01	0.00	0.00	0.00
<b>K_m</b>	0.05	0.05	0.00	0.06	0.06	0.01	0.03
<b>Na_m</b>	0.02	0.01	0.00	0.03	0.01	0.00	0.03
<b>K_Al</b>	0.23	0.18	0.00	0.20	0.21	0.26	0.18
<b>Na_Al</b>	0.10	0.02	0.00	0.11	0.04	0.05	0.16
<b>Plag</b>	0.11	0.05	0.01	0.13	0.05	0.13	0.17

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	295969	295984	296000	296021	296028	296048	296052	296150
<b>North (NAD 27)</b>	4321893	4321825	4321863	4321900	4322544	4321579	4322009	4321583
<b>Classification</b>	Pyroph/Alun/Topaz	Sericite	Sericite	null	Sericite	Sericite	Pyroph/Alun/Topaz	Plagioclase
<b>Block</b>	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin
<b>Sample#</b>	H437292	H437293	H437294	YTD 23 2008	H437454	H437365	H437291	H437366
<b>Lithology</b>	Artesia bedded tuff breccia	Artesia Andesite (lava/dike)	Porphyry (?)	Porphyry	Artesia	Jaa	Artesia Andesite??	Granite porphyry
<b>Ag (ppm)</b>	0.01	0.04	0.07	0.41	0.03	0.05	0.14	0.03
<b>Al (%)</b>	8.89	8.33	8.29	7.61	8.2	7.96	7.57	6.84
<b>As (ppm)</b>	9.7	2	4.8	2.5	12.9	5.5	4.2	1.6
<b>Ba (ppm)</b>	890	1320	1780	420	1550	1160	490	2290
<b>Be (ppm)</b>	0.38	2.42	3.18	1.66	1.52	2.52	0.37	1.56
<b>Bi (ppm)</b>	0.3	0.25	0.06	0.07	0.97	0.54	1.18	0.06
<b>Ca (%)</b>	0.13	0.41	0.07	0.35	0.06	0.2	0.11	1.64
<b>Cd (ppm)</b>	0.02	0.12	-0.02	0.16	-0.02	0.07	0.03	0.05
<b>Ce (ppm)</b>	76.7	53.1	42.2	47.5	24	53.9	58.7	38.1
<b>Co (ppm)</b>	0.5	28.8	1.5	11.4	0.9	4.4	0.6	7.1
<b>Cr (ppm)</b>	12	8	35	24	15	10	16	19
<b>Cs (ppm)</b>	0.51	1.62	2.86	1.1	2.08	1.33	0.78	0.82
<b>Cu (ppm)</b>	19.5	122.5	27.3	6	27.2	178	27.8	11.6
<b>Fe (%)</b>	1.22	7.73	1.7	2.26	1	2.64	1.12	2.24
<b>Ga (ppm)</b>	35.5	23.5	25.4	21.6	25.4	23.5	24.3	19.25
<b>Ge (ppm)</b>	0.13	0.17	0.11	0.18	0.08	0.17	0.14	0.17
<b>Hf (ppm)</b>	3.1	3.2	1.7	2.6	1.8	1.9	2.9	1.8
<b>In (ppm)</b>	0.055	0.047	0.133	0.036	0.19	0.02	0.033	0.022
<b>K (%)</b>	0.82	2.88	3.59	0.95	3.11	3.19	1.45	1.19
<b>La (ppm)</b>	34.8	25.2	21.1	23.3	11.5	25.6	26.6	19.7
<b>Li (ppm)</b>	1.3	29.1	12.8	30.2	16	17.4	2.7	8.5
<b>Mg (%)</b>	0.02	0.96	0.3	1.47	0.54	0.21	0.03	0.76
<b>Mn (ppm)</b>	7	296	19	179	33	103	17	284
<b>Mo (ppm)</b>	2.98	6.41	2.22	0.21	2.8	1.12	3.48	0.23
<b>Na (%)</b>	0.12	0.17	0.13	3.26	1.24	0.13	0.21	3.54
<b>Nb (ppm)</b>	5.5	3.3	3.3	2.1	2.6	5	5.6	2.6
<b>Ni (ppm)</b>	2.6	22.2	8.4	23.3	6.5	5.1	4.3	12.7
<b>P (ppm)</b>	1860	1830	300	990	340	1170	1320	790
<b>Pb (ppm)</b>	20	2.6	3.9	12.6	5.2	14.8	29.3	9.1
<b>Rb (ppm)</b>	21.2	115	123.5	37.5	98.1	116	40.4	41
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.2	0.03	0.09	0.02	0.1	0.05	0.52	0.06
<b>Sb (ppm)</b>	2.66	1.6	1.25	2.08	1.92	1.51	5.15	1.55

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	295969	295984	296000	296021	296028	296048	296052	296150
<b>North (NAD 27)</b>	4321893	4321825	4321863	4321900	4322544	4321579	4322009	4321583
<b>Classification</b>	Pyroph/Alun/Topaz	Sericite	Sericite	null	Sericite	Sericite	Pyroph/Alun/Topaz	Plagioclase
<b>Block</b>	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin
<b>Sample#</b>	H437292	H437293	H437294	YTD 23 2008	H437454	H437365	H437291	H437366
<b>Lithology</b>	Artesia bedded tuff breccia	Artesia Andesite (lava/dike)	Porphyry (?)	Porphyry	Artesia	Jaa	Artesia Andesite??	Granite porphyry
<b>Sc (ppm)</b>	9.8	12.8	10	7.3	8.1	11.5	8	6.4
<b>Se (ppm)</b>	3	1	1	2	2	3	6	2
<b>Sn (ppm)</b>	1.3	0.8	1	0.6	2.5	0.6	1.2	0.6
<b>Sr (ppm)</b>	1050	84.1	123	297	171	259	890	557
<b>Ta (ppm)</b>	0.38	0.22	0.21	0.14	0.17	0.34	0.43	0.18
<b>Te (ppm)</b>	0.11	0.12	0.1	-0.05	0.29	-0.05	0.91	-0.05
<b>Th (ppm)</b>	11.6	11.8	4.7	5.7	3.2	10.4	10.4	5.9
<b>Ti (%)</b>	0.598	0.322	0.392	0.209	0.205	0.455	0.397	0.212
<b>Tl (ppm)</b>	0.72	0.95	1.39	0.29	1.38	0.93	0.96	0.33
<b>U (ppm)</b>	4	4.5	2.4	1.9	1.8	4.5	3.6	2
<b>V (ppm)</b>	221	177	114	66	67	151	129	64
<b>W (ppm)</b>	1.4	2	1.4	0.9	2	1.6	1.7	1.8
<b>Y (ppm)</b>	12.4	12.3	7.4	7.6	4.7	9	8	5.4
<b>Zn (ppm)</b>	-2	102	12	140	11	32	6	56
<b>Zr (ppm)</b>	104.5	106.5	59.4	75.4	60.8	65.4	105	61
<b>Al2O3 (%)</b>	16.79	15.74	15.66	14.38	15.49	15.04	14.30	12.92
<b>CaO (%)</b>	0.18	0.57	0.10	0.49	0.08	0.28	0.15	2.29
<b>FeO (%)</b>	1.57	9.94	2.19	2.91	1.29	3.40	1.44	2.88
<b>K2O (%)</b>	0.99	3.47	4.33	1.14	3.75	3.84	1.75	1.43
<b>MgO (%)</b>	0.03	1.59	0.50	2.44	0.90	0.35	0.05	1.26
<b>Na2O (%)</b>	0.16	0.23	0.18	4.39	1.67	0.18	0.28	4.77
<b>P2O5 (%)</b>	0.43	0.42	0.07	0.23	0.08	0.27	0.30	0.18
<b>TiO2 (%)</b>	1.00	0.54	0.65	0.35	0.34	0.76	0.66	0.35
<b>SO3 (%)</b>	0.50	0.08	0.23	0.05	0.25	0.13	1.30	0.15
<b>Total (%)</b>	21.65	32.57	23.89	26.37	23.84	24.23	20.24	26.25
<b>SiO2 (%)</b>	76.83	65.15	74.44	71.78	74.49	74.07	78.34	71.92
<b>Al_m</b>	0.33	0.31	0.31	0.28	0.30	0.29	0.28	0.25
<b>Ca_m</b>	0.00	0.01	0.00	0.01	0.00	0.01	0.00	0.04
<b>K_m</b>	0.02	0.07	0.09	0.02	0.08	0.08	0.04	0.03
<b>Na_m</b>	0.01	0.01	0.01	0.14	0.05	0.01	0.01	0.15
<b>K_Al</b>	0.06	0.24	0.30	0.09	0.26	0.28	0.13	0.12
<b>Na_Al</b>	0.02	0.02	0.02	0.50	0.18	0.02	0.03	0.61
<b>Plag</b>	0.03	0.06	0.02	0.53	0.18	0.04	0.04	0.77

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	296155	296167	296193	296194	296238	296253	296260	296266
<b>North (NAD 27)</b>	4322830	4322619	4322018	4322030	4322603	4322091	4321629	4322622
<b>Classification</b>	Sericite	Sericite	Pyroph/Alun/Topaz	Pyroph/Alun/Topaz	Sericite-Albite	Pyroph/Alun/Topaz	Sericite	Sericite
<b>Block</b>	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin
<b>Sample#</b>	H437385	H437455	H437332	H437333	H437456	H437334	H437367	H437457
<b>Lithology</b>	Jai	Artesia	Artesia	Artesia	Artesia	Artesia	Jaa	Artesia
<b>Ag (ppm)</b>	0.09	0.08	0.03	0.05	0.03	0.2	0.03	0.08
<b>Al (%)</b>	0.45	8.27	7.73	6.57	6.96	6.68	7.42	7.72
<b>As (ppm)</b>	3.3	6.8	1.9	7.1	3.6	18	10.7	9.8
<b>Ba (ppm)</b>	140	1370	360	160	1690	100	1860	1610
<b>Be (ppm)</b>	0.18	1.38	0.06	0.06	1.36	0.12	2.31	1.91
<b>Bi (ppm)</b>	0.06	0.89	0.1	0.06	0.45	1.46	0.25	0.24
<b>Ca (%)</b>	0.06	0.27	0.03	0.04	0.36	0.07	0.06	0.13
<b>Cd (ppm)</b>	0.02	0.08	0.03	-0.02	0.1	0.02	0.02	0.03
<b>Ce (ppm)</b>	5.25	26.4	26.4	18.85	31.9	38.7	45.2	56.9
<b>Co (ppm)</b>	1	1.5	0.3	0.5	8.7	0.4	1.3	0.7
<b>Cr (ppm)</b>	32	29	67	53	33	32	19	60
<b>Cs (ppm)</b>	0.17	2.08	0.08	0.18	1.28	-0.05	2.05	1.59
<b>Cu (ppm)</b>	19.5	29.4	12.9	7.2	74.1	16.3	11.4	47.3
<b>Fe (%)</b>	0.54	1.05	0.18	1.34	2.6	0.44	1.64	0.91
<b>Ga (ppm)</b>	1.21	31.4	51.6	22	20.8	23.3	23.2	24.5
<b>Ge (ppm)</b>	0.05	0.09	0.08	0.09	0.1	0.11	0.15	0.11
<b>Hf (ppm)</b>	0.4	1	0.2	0.1	0.8	0.5	1.8	0.7
<b>In (ppm)</b>	0.005	0.059	0.007	-0.005	0.053	-0.005	0.154	0.042
<b>K (%)</b>	0.17	4.59	0.8	1.59	1.56	2.14	3.8	3.29
<b>La (ppm)</b>	2.7	10.8	16.2	11.8	14.1	15.5	22.7	24.6
<b>Li (ppm)</b>	1.5	14.4	0.4	0.4	15.5	0.5	2.9	6.5
<b>Mg (%)</b>	0.03	0.73	-0.01	0.01	1.75	-0.01	0.36	0.52
<b>Mn (ppm)</b>	42	73	9	35	461	18	25	93
<b>Mo (ppm)</b>	4.44	1.02	0.96	0.68	1.64	1.8	0.76	1.85
<b>Na (%)</b>	0.02	0.05	0.53	0.81	2.91	0.9	0.18	0.4
<b>Nb (ppm)</b>	1.8	2.4	1.8	1.3	1.8	1.9	3	3.1
<b>Ni (ppm)</b>	4.9	13.6	2.4	1.1	29	1.4	5.7	14.3
<b>P (ppm)</b>	120	900	1100	780	1140	1280	210	1410
<b>Pb (ppm)</b>	1.7	21.5	52.7	24.7	13.4	62.2	4	11
<b>Rb (ppm)</b>	7.2	91.6	1.3	2.4	45.6	3.6	119.5	97.3
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	0.003	-0.002	-0.002	0.003
<b>S (%)</b>	0.02	0.03	2.58	4.87	0.04	6.44	0.08	0.1
<b>Sb (ppm)</b>	3.01	2.53	1.7	0.85	2.25	1.53	1.56	2.68

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	296155	296167	296193	296194	296238	296253	296260	296266
<b>North (NAD 27)</b>	4322830	4322619	4322018	4322030	4322603	4322091	4321629	4322622
<b>Classification</b>	Sericite	Sericite	Pyroph/Alun/Topaz	Pyroph/Alun/Topaz	Sericite-Albite	Pyroph/Alun/Topaz	Sericite	Sericite
<b>Block</b>	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin
<b>Sample#</b>	H437385	H437455	H437332	H437333	H437456	H437334	H437367	H437457
<b>Lithology</b>	Jai	Artesia	Artesia	Artesia	Artesia	Artesia	Jaa	Artesia
<b>Sc (ppm)</b>	1	6.1	1.1	0.8	8.1	2.3	9.6	13.1
<b>Se (ppm)</b>	2	1	2	3	1	3	3	4
<b>Sn (ppm)</b>	0.2	1	0.8	0.6	0.4	1.1	0.8	1.2
<b>Sr (ppm)</b>	34.3	566	1820	1085	307	929	55.8	546
<b>Ta (ppm)</b>	0.08	0.18	0.13	0.08	0.13	0.12	0.19	0.19
<b>Te (ppm)</b>	0.16	0.25	0.1	0.11	0.14	0.45	0.5	0.3
<b>Th (ppm)</b>	0.7	3.1	1.8	1.1	3.7	3.1	6.2	3.4
<b>Ti (%)</b>	0.299	0.219	0.184	0.143	0.219	0.247	0.284	0.441
<b>Tl (ppm)</b>	0.07	1.17	0.14	0.29	0.49	0.05	1.72	1.38
<b>U (ppm)</b>	0.5	0.8	0.3	0.2	1.5	1.5	3.2	1.8
<b>V (ppm)</b>	9	63	264	114	86	105	88	132
<b>W (ppm)</b>	1.9	0.8	0.4	0.2	0.8	0.4	1	0.8
<b>Y (ppm)</b>	1	4.4	0.3	0.2	4.7	1.2	5.1	4.4
<b>Zn (ppm)</b>	-2	42	-2	-2	116	-2	3	14
<b>Zr (ppm)</b>	11.9	34.8	5.2	6.6	25.5	20.5	61.4	22.4
<b>Al2O3 (%)</b>	0.85	15.62	14.60	12.41	13.15	12.62	14.02	14.58
<b>CaO (%)</b>	0.08	0.38	0.04	0.06	0.50	0.10	0.08	0.18
<b>FeO (%)</b>	0.69	1.35	0.23	1.72	3.34	0.57	2.11	1.17
<b>K2O (%)</b>	0.20	5.53	0.96	1.92	1.88	2.58	4.58	3.96
<b>MgO (%)</b>	0.05	1.21	-0.02	0.02	2.90	-0.02	0.60	0.86
<b>Na2O (%)</b>	0.03	0.07	0.71	1.09	3.92	1.21	0.24	0.54
<b>P2O5 (%)</b>	0.03	0.21	0.25	0.18	0.26	0.29	0.05	0.32
<b>TiO2 (%)</b>	0.50	0.37	0.31	0.24	0.37	0.41	0.47	0.74
<b>SO3 (%)</b>	0.05	0.08	6.45	12.18	0.10	16.10	0.20	0.25
<b>Total (%)</b>	2.49	24.81	23.55	29.81	26.43	33.86	22.35	22.61
<b>SiO2 (%)</b>	97.34	73.46	74.81	68.11	71.73	63.77	76.09	75.81
<b>Al_m</b>	0.02	0.31	0.29	0.24	0.26	0.25	0.27	0.29
<b>Ca_m</b>	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.00
<b>K_m</b>	0.00	0.12	0.02	0.04	0.04	0.05	0.10	0.08
<b>Na_m</b>	0.00	0.00	0.02	0.04	0.13	0.04	0.01	0.02
<b>K_Al</b>	0.26	0.38	0.07	0.17	0.16	0.22	0.35	0.30
<b>Na_Al</b>	0.05	0.01	0.08	0.14	0.49	0.16	0.03	0.06
<b>Plag</b>	0.14	0.03	0.08	0.15	0.53	0.17	0.03	0.07

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	296311	296323	296345	296366	296402	296422	296426	296452
<b>North (NAD 27)</b>	4322086	4322546	4322792	4321615	4322078	4322754	4322532	4322592
<b>Classification</b>	Pyroph/Alun/Topaz	Albite	Plag-KSpar	Pyroph/Alun/Topaz	Albite	Plag-KSpar	Sericite-Albite	Albite-KSpar-Sericite
<b>Block</b>	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin
<b>Sample#</b>	H437335	H437458	H437386	H437368	H437336	H437387	H437389	H437388
<b>Lithology</b>	Artesia	Artesia	Jai	Jas	Artesia	Jai	Dacite	Jaa
<b>Ag (ppm)</b>	0.14	0.05	0.08	0.09	0.16	0.09	0.03	0.07
<b>Al (%)</b>	7.67	7.18	7.3	7.03	7.47	7.26	7.49	8.26
<b>As (ppm)</b>	23.3	3.5	3.2	20.3	4	2.9	2.2	3.2
<b>Ba (ppm)</b>	110	890	1240	120	1000	1120	1220	1760
<b>Be (ppm)</b>	0.19	1.16	2.2	0.12	1.26	2.11	1.83	1.41
<b>Bi (ppm)</b>	1.51	0.11	0.1	0.72	1.7	0.12	0.06	0.5
<b>Ca (%)</b>	0.2	0.22	1.42	0.51	0.21	1.46	0.22	0.27
<b>Cd (ppm)</b>	0.05	0.14	0.05	0.03	-0.02	0.07	0.02	-0.02
<b>Ce (ppm)</b>	58.4	18.8	56.5	54.9	35.5	59.2	12.5	30.3
<b>Co (ppm)</b>	1.7	2.5	4	4.8	0.6	3.7	0.6	1.6
<b>Cr (ppm)</b>	36	50	11	11	26	6	9	54
<b>Cs (ppm)</b>	0.14	0.62	3.36	0.13	1.07	3.38	1.05	1.98
<b>Cu (ppm)</b>	37	162.5	4.8	44.7	41.2	4.5	15.5	43
<b>Fe (%)</b>	3.01	2.3	1.22	4.23	1.55	1.47	1.04	7.39
<b>Ga (ppm)</b>	22.7	21	18.95	16.95	21.1	17.8	20.2	19.65
<b>Ge (ppm)</b>	0.2	0.1	0.11	0.12	0.14	0.12	0.07	0.18
<b>Hf (ppm)</b>	0.9	0.6	2	0.9	1.8	2	1.8	0.2
<b>In (ppm)</b>	0.01	0.035	0.038	0.01	0.074	0.032	0.02	0.021
<b>K (%)</b>	1.59	0.98	3.38	1.51	1.33	3.28	1.57	3.39
<b>La (ppm)</b>	21.8	9	30.5	26.6	18.2	33.3	7.2	17.7
<b>Li (ppm)</b>	1	14.6	31	0.8	7.1	29.4	3.6	2.5
<b>Mg (%)</b>	0.02	1.65	0.21	0.04	0.31	0.29	0.26	0.31
<b>Mn (ppm)</b>	40	288	351	89	30	346	65	62
<b>Mo (ppm)</b>	1.96	0.71	1.19	2.26	1.62	0.83	0.7	6.75
<b>Na (%)</b>	1.18	3.25	2.51	1.03	3.53	2.4	3.39	2.23
<b>Nb (ppm)</b>	1.3	1.5	10	1.5	4	9.4	1.9	2.2
<b>Ni (ppm)</b>	2.9	64.2	2	5.1	2.5	1.6	5.2	6.5
<b>P (ppm)</b>	2160	700	600	1640	410	470	210	650
<b>Pb (ppm)</b>	39.8	22.4	19.3	54.1	15.2	20.2	8	16.9
<b>Rb (ppm)</b>	5.9	28.6	118.5	12.2	44.2	115	62.2	119.5
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	0.002
<b>S (%)</b>	6.24	0.05	0.04	4.53	0.07	0.01	0.04	1.17
<b>Sb (ppm)</b>	3.27	1.47	0.87	2.51	1.1	0.91	0.7	1.52

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	296311	296323	296345	296366	296402	296422	296426	296452
<b>North (NAD 27)</b>	4322086	4322546	4322792	4321615	4322078	4322754	4322532	4322592
<b>Classification</b>	Pyroph/Alun/Topaz	Albite	Plag-KSpar	Pyroph/Alun/Topaz	Albite	Plag-KSpar	Sericite-Albite	Albite-KSpar-Sericite
<b>Block</b>	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin
<b>Sample#</b>	H437335	H437458	H437386	H437368	H437336	H437387	H437389	H437388
<b>Lithology</b>	Artesia	Artesia	Jai	Jas	Artesia	Jai	Dacite	Jaa
<b>Sc (ppm)</b>	4.8	9.5	6.3	3.5	8.3	6.1	5.9	6
<b>Se (ppm)</b>	4	1	2	3	9	2	1	8
<b>Sn (ppm)</b>	0.7	0.5	1.5	1.2	3.2	1.5	0.5	1.4
<b>Sr (ppm)</b>	1060	400	337	1315	473	333	591	724
<b>Ta (ppm)</b>	0.08	0.11	0.75	0.11	0.26	0.75	0.14	0.14
<b>Te (ppm)</b>	0.31	-0.05	-0.05	0.65	0.46	-0.05	-0.05	0.09
<b>Th (ppm)</b>	3.8	2.5	13.1	13.6	5.1	13.4	4.7	2.5
<b>Ti (%)</b>	0.147	0.204	0.209	0.136	0.372	0.208	0.173	0.273
<b>Tl (ppm)</b>	0.5	0.36	0.72	0.45	1.33	0.66	0.46	0.65
<b>U (ppm)</b>	1.7	1.1	4.7	2.5	2.1	4.3	2.9	1.3
<b>V (ppm)</b>	136	101	37	118	93	37	61	131
<b>W (ppm)</b>	0.4	0.3	1.5	0.6	1	1.2	0.4	2.3
<b>Y (ppm)</b>	4.3	7.9	14.1	2	4.2	20.4	3.5	0.7
<b>Zn (ppm)</b>	-2	160	40	7	5	47	20	21
<b>Zr (ppm)</b>	35.3	19.3	49.1	28	65.7	45.8	47.9	4.1
<b>Al2O3 (%)</b>	14.49	13.56	13.79	13.28	14.11	13.71	14.15	15.60
<b>CaO (%)</b>	0.28	0.31	1.99	0.71	0.29	2.04	0.31	0.38
<b>FeO (%)</b>	3.87	2.96	1.57	5.44	1.99	1.89	1.34	9.50
<b>K2O (%)</b>	1.92	1.18	4.07	1.82	1.60	3.95	1.89	4.08
<b>MgO (%)</b>	0.03	2.74	0.35	0.07	0.51	0.48	0.43	0.51
<b>Na2O (%)</b>	1.59	4.38	3.38	1.39	4.76	3.24	4.57	3.01
<b>P2O5 (%)</b>	0.49	0.16	0.14	0.38	0.09	0.11	0.05	0.15
<b>TiO2 (%)</b>	0.25	0.34	0.35	0.23	0.62	0.35	0.29	0.46
<b>SO3 (%)</b>	15.60	0.13	0.10	11.33	0.18	0.03	0.10	2.93
<b>Total (%)</b>	38.52	25.75	25.74	34.63	24.16	25.80	23.12	36.62
<b>SiO2 (%)</b>	58.78	72.45	72.46	62.94	74.15	72.40	75.26	60.82
<b>Al_m</b>	0.28	0.27	0.27	0.26	0.28	0.27	0.28	0.31
<b>Ca_m</b>	0.01	0.01	0.04	0.01	0.01	0.04	0.01	0.01
<b>K_m</b>	0.04	0.03	0.09	0.04	0.03	0.08	0.04	0.09
<b>Na_m</b>	0.05	0.14	0.11	0.04	0.15	0.10	0.15	0.10
<b>K_Al</b>	0.14	0.09	0.32	0.15	0.12	0.31	0.15	0.28
<b>Na_Al</b>	0.18	0.53	0.40	0.17	0.55	0.39	0.53	0.32
<b>Plag</b>	0.20	0.55	0.53	0.22	0.57	0.52	0.55	0.34

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	296460	296466	296471	296479	296540	296578	296579	296653	296670
<b>North (NAD 27)</b>	4322440	4321701	4321738	4322055	4321748	4322117	4321650	4320887	4322141
<b>Classification</b>	Sericite-Albite	Plag-KSpar	Pyroph/Alun/Topaz	Sericite	Pyroph/Alun/Topaz	Sericite	Sericite	Sericite	Sericite
<b>Block</b>	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin
<b>Sample#</b>	H437459	H437369	H437370	H437337	H437371	H437338	H437372	H437384	H437339
<b>Lithology</b>	Artesia	Jfd	Jas?	Artesia	Jas	Artesia	Jas	Jal	Artesia
<b>Ag (ppm)</b>	-0.01	0.11	0.19	0.09	0.04	0.06	0.04	0.27	0.08
<b>Al (%)</b>	7.17	7.23	7.22	7.13	6.12	7.56	0.21	8.37	7.43
<b>As (ppm)</b>	6.5	2.9	6.7	5.5	1.7	6.2	3.9	5.2	7
<b>Ba (ppm)</b>	1000	1000	1340	1280	90	630	110	890	930
<b>Be (ppm)</b>	1.16	1.8	0.35	1.26	0.05	1.37	0.36	2.53	0.98
<b>Bi (ppm)</b>	0.04	0.08	0.45	0.96	1.24	0.59	0.14	0.08	0.28
<b>Ca (%)</b>	0.15	1.46	0.19	0.1	0.06	0.06	0.02	0.46	0.27
<b>Cd (ppm)</b>	-0.02	0.03	0.02	-0.02	0.03	-0.02	0.04	0.02	-0.02
<b>Ce (ppm)</b>	39.1	50.3	62.9	40.2	44.1	49	16.8	22.1	46.5
<b>Co (ppm)</b>	0.8	11.6	1.1	0.2	0.4	0.2	1.4	7.4	0.2
<b>Cr (ppm)</b>	86	8	8	87	37	28	25	9	49
<b>Cs (ppm)</b>	0.69	2.04	0.22	1.44	-0.05	0.9	0.1	3.25	1.36
<b>Cu (ppm)</b>	61.4	5.6	14.6	14.3	6	11.3	16.2	15.4	12.4
<b>Fe (%)</b>	1.1	3.98	1.21	0.38	0.41	0.52	1.22	5.53	1.28
<b>Ga (ppm)</b>	20.8	20.5	21.7	24.6	20.2	23.4	1.16	22.3	20
<b>Ge (ppm)</b>	0.09	0.12	0.1	0.11	0.08	0.12	0.06	0.15	0.13
<b>Hf (ppm)</b>	0.7	3.1	3.4	0.9	0.2	0.9	0.8	1.5	0.2
<b>In (ppm)</b>	0.008	0.043	0.038	0.069	0.014	0.043	-0.005	0.033	0.127
<b>K (%)</b>	1.39	2.12	0.52	2.3	2.9	2.15	0.06	3.7	2.99
<b>La (ppm)</b>	17.2	25.4	30.6	18.6	19.1	23.6	7.1	10.5	20.9
<b>Li (ppm)</b>	7.3	12.6	0.6	2.6	0.6	3.2	1.6	7.3	7.3
<b>Mg (%)</b>	0.83	1.23	0.02	0.53	-0.01	0.09	-0.01	0.43	0.32
<b>Mn (ppm)</b>	243	262	6	11	27	8	42	306	13
<b>Mo (ppm)</b>	0.47	0.41	3.6	1.06	1.93	1.3	6.59	0.81	0.83
<b>Na (%)</b>	2.52	3.16	0.29	0.36	0.59	0.73	0.02	0.65	0.47
<b>Nb (ppm)</b>	2.1	4.5	3.8	3.5	1.6	2.9	2.8	3.9	1.2
<b>Ni (ppm)</b>	22.3	16.1	2.9	2	1.3	1.2	6.6	14.1	1.4
<b>P (ppm)</b>	570	1190	1520	140	1360	990	250	1350	520
<b>Pb (ppm)</b>	6.2	8.9	17.3	10.3	46.3	31.2	3.4	4.2	24.2
<b>Rb (ppm)</b>	40.4	59.2	6.8	68.8	2.8	67	2.4	154.5	77.8
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	0.002	-0.002	-0.002
<b>S (%)</b>	0.02	0.02	1.13	0.04	6.67	0.23	0.04	0.01	0.46
<b>Sb (ppm)</b>	2.05	1.68	2.27	8.44	2.76	5.41	4.42	1.7	4.63

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	296460	296466	296471	296479	296540	296578	296579	296653	296670
<b>North (NAD 27)</b>	4322440	4321701	4321738	4322055	4321748	4322117	4321650	4320887	4322141
<b>Classification</b>	Sericite-Albite	Plag-KSpar	Pyroph/Alun/Topaz	Sericite	Pyroph/Alun/Topaz	Sericite	Sericite	Sericite	Sericite
<b>Block</b>	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin
<b>Sample#</b>	H437459	H437369	H437370	H437337	H437371	H437338	H437372	H437384	H437339
<b>Lithology</b>	Artesia	Jfd	Jas?	Artesia	Jas	Artesia	Jas	Jal	Artesia
<b>Sc (ppm)</b>	10.9	9.9	12.3	9.8	1	5.2	1.1	8.9	9.4
<b>Se (ppm)</b>	1	1	5	2	2	3	2	1	3
<b>Sn (ppm)</b>	0.4	0.8	0.7	9.7	1.1	2.1	0.3	0.8	1.7
<b>Sr (ppm)</b>	729	551	725	144	816	1400	26.2	119	690
<b>Ta (ppm)</b>	0.16	0.29	0.31	0.22	0.1	0.19	0.15	0.26	0.08
<b>Te (ppm)</b>	0.07	-0.05	0.2	0.23	0.37	0.16	0.09	-0.05	0.15
<b>Th (ppm)</b>	3.6	7.7	23	3.6	5.8	4.4	2.4	6.1	2.1
<b>Ti (%)</b>	0.29	0.436	0.295	0.434	0.2	0.267	0.289	0.422	0.183
<b>Tl (ppm)</b>	0.82	0.24	0.28	2.54	0.04	2.49	0.02	1.27	2.41
<b>U (ppm)</b>	1.3	3.4	8.3	1.4	0.5	1.3	1	2.7	0.5
<b>V (ppm)</b>	106	114	137	111	69	91	7	129	108
<b>W (ppm)</b>	0.3	1.7	1.3	0.5	0.5	0.4	1.5	4.4	0.2
<b>Y (ppm)</b>	2.5	9.6	7.4	3	1.1	2.5	1.7	5.7	0.8
<b>Zn (ppm)</b>	58	14	-2	-2	-2	-2	5	22	4
<b>Zr (ppm)</b>	21.1	95.3	102	30.2	7.9	34.3	24.2	43.9	7.9
<b>Al2O3 (%)</b>	13.54	13.66	13.64	13.47	11.56	14.28	0.40	15.81	14.04
<b>CaO (%)</b>	0.21	2.04	0.27	0.14	0.08	0.08	0.03	0.64	0.38
<b>FeO (%)</b>	1.41	5.12	1.56	0.49	0.53	0.67	1.57	7.11	1.65
<b>K2O (%)</b>	1.67	2.55	0.63	2.77	3.49	2.59	0.07	4.46	3.60
<b>MgO (%)</b>	1.38	2.04	0.03	0.88	-0.02	0.15	-0.02	0.71	0.53
<b>Na2O (%)</b>	3.40	4.26	0.39	0.49	0.80	0.98	0.03	0.88	0.63
<b>P2O5 (%)</b>	0.13	0.27	0.35	0.03	0.31	0.23	0.06	0.31	0.12
<b>TiO2 (%)</b>	0.48	0.73	0.49	0.72	0.33	0.45	0.48	0.70	0.31
<b>SO3 (%)</b>	0.05	0.05	2.83	0.10	16.68	0.58	0.10	0.03	1.15
<b>Total (%)</b>	22.28	30.72	20.18	19.09	33.77	20.00	2.72	30.65	22.40
<b>SiO2 (%)</b>	76.16	67.13	78.41	79.58	63.87	78.59	97.09	67.20	76.03
<b>Al_m</b>	0.27	0.27	0.27	0.26	0.23	0.28	0.01	0.31	0.28
<b>Ca_m</b>	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.01	0.01
<b>K_m</b>	0.04	0.05	0.01	0.06	0.07	0.06	0.00	0.09	0.08
<b>Na_m</b>	0.11	0.14	0.01	0.02	0.03	0.03	0.00	0.03	0.02
<b>K_Al</b>	0.13	0.20	0.05	0.22	0.33	0.20	0.20	0.31	0.28
<b>Na_Al</b>	0.41	0.51	0.05	0.06	0.11	0.11	0.11	0.09	0.07
<b>Plag</b>	0.43	0.65	0.06	0.07	0.12	0.12	0.18	0.13	0.10

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	296676	296732	296762	296787	296798	296806	296850	296869	296873
<b>North (NAD 27)</b>	4321803	4321026	4321804	4322046	4321140	4321722	4321803	4322004	4321242
<b>Classification</b>	Sericite	Plag-KSpar	Sericite	Sericite-Albite	Plag-KSpar	Sericite	Sericite	Albite-KSpar-Sericite	Pyroph/Alun/Topaz
<b>Block</b>	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin
<b>Sample#</b>	H437373	H437383	H437374	H437340	H437382	H437375	H437376	H437341	H437381
<b>Lithology</b>	Jas	Jaa?	Jaa	Artesia	Jaa?	Jaa	Jaa	Artesia	Jas
<b>Ag (ppm)</b>	0.04	0.02	0.33	0.03	0.05	0.1	0.18	0.18	0.02
<b>Al (%)</b>	8.2	7.47	3.09	7.78	7.7	6.14	7.69	7.27	0.35
<b>As (ppm)</b>	10.4	5	10.8	3.3	2.9	13.9	10	22	1.9
<b>Ba (ppm)</b>	770	840	380	1070	1560	1300	3120	1330	960
<b>Be (ppm)</b>	1.81	1.63	0.59	2.35	1.91	1.59	4.06	2.84	0.08
<b>Bi (ppm)</b>	1.9	0.1	5	0.3	0.2	2.53	0.41	0.13	0.06
<b>Ca (%)</b>	0.01	2.13	0.07	0.15	1.17	0.24	0.19	0.32	0.06
<b>Cd (ppm)</b>	0.02	0.02	0.04	0.02	0.05	0.02	-0.02	0.05	-0.02
<b>Ce (ppm)</b>	45.7	46.6	29.9	21	57.3	72	40.9	38.8	5.41
<b>Co (ppm)</b>	1.5	9.8	0.5	0.4	13.3	0.4	0.4	1.1	0.3
<b>Cr (ppm)</b>	38	15	27	41	10	22	21	54	8
<b>Cs (ppm)</b>	1.61	1.03	0.49	1.45	1.76	2.48	1.53	1.99	0.12
<b>Cu (ppm)</b>	181.5	3.3	31.8	16.1	6.1	32.3	21	95.1	4.7
<b>Fe (%)</b>	7.53	4.14	1.45	1.35	2.55	4.11	2.37	3.87	0.2
<b>Ga (ppm)</b>	22.3	20.3	12.65	22.6	22.4	21.4	28.8	22.1	0.66
<b>Ge (ppm)</b>	0.18	0.16	0.09	0.14	0.13	0.16	0.12	0.2	-0.05
<b>Hf (ppm)</b>	0.8	1.8	0.7	0.5	1.9	0.3	1.3	0.4	0.5
<b>In (ppm)</b>	0.061	0.03	0.021	0.024	0.023	0.08	0.243	0.066	-0.005
<b>K (%)</b>	3.35	1.74	1.35	2.32	1.89	2.14	3.4	2.4	0.07
<b>La (ppm)</b>	24.6	23	17.8	8.8	28.7	34.6	20.3	16.2	2.7
<b>Li (ppm)</b>	0.6	5.4	0.9	8.3	11.5	15.2	9.9	17.3	1
<b>Mg (%)</b>	0.16	1.12	0.11	0.61	0.66	2.38	0.91	1.23	0.01
<b>Mn (ppm)</b>	18	221	60	133	156	373	329	348	29
<b>Mo (ppm)</b>	4.06	0.55	5.58	0.84	0.66	1.24	0.83	2.04	1.13
<b>Na (%)</b>	0.23	3.77	0.08	3.11	1.52	1.17	0.87	3.01	0.01
<b>Nb (ppm)</b>	0.9	4.4	2	2.4	4.6	1.4	3.6	2.8	2.4
<b>Ni (ppm)</b>	2.3	16.8	1.8	3.2	11	2.5	5	15.1	1.4
<b>P (ppm)</b>	1000	1440	900	550	1410	2260	1140	2780	1120
<b>Pb (ppm)</b>	5.2	5.3	12.2	6.3	5.9	17.2	9.8	12.2	1.7
<b>Rb (ppm)</b>	111.5	52.9	41.5	54.2	107.5	58	89.6	54.5	1.9
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.1	0.01	0.17	0.42	0.03	1.24	0.51	1.18	0.11
<b>Sb (ppm)</b>	2.53	2.06	3.34	2.64	1.12	5.94	4.16	3.35	0.76

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	296676	296732	296762	296787	296798	296806	296850	296869	296873
<b>North (NAD 27)</b>	4321803	4321026	4321804	4322046	4321140	4321722	4321803	4322004	4321242
<b>Classification</b>	Sericite	Plag-KSpar	Sericite	Sericite-Albite	Plag-KSpar	Sericite	Sericite	Albite-KSpar-Sericite	Pyroph/Alun/Topaz
<b>Block</b>	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin
<b>Sample#</b>	H437373	H437383	H437374	H437340	H437382	H437375	H437376	H437341	H437381
<b>Lithology</b>	Jas	Jaa?	Jaa	Artesia	Jaa?	Jaa	Jaa	Artesia	Jas
<b>Sc (ppm)</b>	7.4	8	3.9	11.6	6.1	13.2	12.8	17	0.8
<b>Se (ppm)</b>	9	1	8	4	2	4	3	6	2
<b>Sn (ppm)</b>	0.4	0.8	2.8	0.5	0.8	2	1.7	1.8	0.5
<b>Sr (ppm)</b>	265	926	255	456	666	172.5	189.5	1060	70.8
<b>Ta (ppm)</b>	0.06	0.29	0.13	0.15	0.34	0.09	0.25	0.17	0.15
<b>Te (ppm)</b>	0.35	-0.05	1.66	0.32	0.05	0.3	0.37	0.69	-0.05
<b>Th (ppm)</b>	3	6.3	2.9	1.9	8.1	3.2	2.6	1.7	0.8
<b>Ti (%)</b>	0.13	0.457	0.293	0.378	0.315	0.23	0.39	0.475	0.337
<b>Tl (ppm)</b>	2.82	0.17	0.86	1.02	0.51	1.99	1.58	1.32	0.03
<b>U (ppm)</b>	1	2.5	0.6	0.6	3.6	0.7	1.7	0.9	0.7
<b>V (ppm)</b>	120	119	58	133	83	143	154	177	11
<b>W (ppm)</b>	0.2	2	0.4	2.9	0.9	0.3	0.5	0.7	1.3
<b>Y (ppm)</b>	2.6	8.8	1.3	3.8	7.5	2	4.9	6.8	0.9
<b>Zn (ppm)</b>	4	16	2	11	20	39	29	41	-2
<b>Zr (ppm)</b>	28.4	47.9	28.1	17.9	60.6	7.8	40.2	14	14.6
<b>Al2O3 (%)</b>	15.49	14.11	5.84	14.70	14.55	11.60	14.53	13.73	0.66
<b>CaO (%)</b>	0.01	2.98	0.10	0.21	1.64	0.34	0.27	0.45	0.08
<b>FeO (%)</b>	9.68	5.32	1.86	1.74	3.28	5.29	3.05	4.98	0.26
<b>K2O (%)</b>	4.04	2.10	1.63	2.80	2.28	2.58	4.10	2.89	0.08
<b>MgO (%)</b>	0.27	1.86	0.18	1.01	1.09	3.95	1.51	2.04	0.02
<b>Na2O (%)</b>	0.31	5.08	0.11	4.19	2.05	1.58	1.17	4.06	0.01
<b>P2O5 (%)</b>	0.23	0.33	0.21	0.13	0.32	0.52	0.26	0.64	0.26
<b>TiO2 (%)</b>	0.22	0.76	0.49	0.63	0.53	0.38	0.65	0.79	0.56
<b>SO3 (%)</b>	0.25	0.03	0.43	1.05	0.08	3.10	1.28	2.95	0.28
<b>Total (%)</b>	30.50	32.57	10.84	26.45	25.81	29.32	26.81	32.53	2.21
<b>SiO2 (%)</b>	67.37	65.15	88.40	71.70	72.39	68.62	71.32	65.20	97.63
<b>Al_m</b>	0.30	0.28	0.11	0.29	0.29	0.23	0.28	0.27	0.01
<b>Ca_m</b>	0.00	0.05	0.00	0.00	0.03	0.01	0.00	0.01	0.00
<b>K_m</b>	0.09	0.04	0.03	0.06	0.05	0.05	0.09	0.06	0.00
<b>Na_m</b>	0.01	0.16	0.00	0.14	0.07	0.05	0.04	0.13	0.00
<b>K_Al</b>	0.28	0.16	0.30	0.21	0.17	0.24	0.31	0.23	0.14
<b>Na_Al</b>	0.03	0.59	0.03	0.47	0.23	0.22	0.13	0.49	0.03
<b>Plag</b>	0.03	0.78	0.05	0.48	0.33	0.25	0.15	0.52	0.15

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	296883	296931	296962	297016	297053	297055	297065	297082
<b>North (NAD 27)</b>	4321960	4321958	4321750	4321937	4321139	4321027	4321366	4320963
<b>Classification</b>	Sericite-Albite	Sericite	Pyroph/Alun/Topaz	Pyroph/Alun/Topaz	Pyroph/Alun/Topaz	Pyroph/Alun/Topaz	Pyroph/Alun/Topaz	Sericite
<b>Block</b>	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin
<b>Sample#</b>	H437342	H437343	H437377	H437344	H437348	H437349	H437380	H437350
<b>Lithology</b>	Porphyry	Artesia	Jaa?	Artesia	Artesia	Artesia	Jaa	Artesia
<b>Ag (ppm)</b>	0.02	0.01	0.04	0.01	0.17	0.13	0.07	0.02
<b>Al (%)</b>	6.99	4.08	7.39	7.3	0.27	6.36	6.4	6.21
<b>As (ppm)</b>	2.9	2.6	14.9	4	11	64.6	3.2	15.1
<b>Ba (ppm)</b>	1880	410	160	260	1660	300	1280	820
<b>Be (ppm)</b>	1.94	0.17	1.06	0.21	0.19	0.13	0.33	1.27
<b>Bi (ppm)</b>	0.33	0.11	0.82	2.3	0.86	0.49	0.99	1.26
<b>Ca (%)</b>	0.2	0.06	0.17	0.07	0.66	0.44	0.15	0.18
<b>Cd (ppm)</b>	0.03	-0.02	0.02	-0.02	0.05	0.07	0.05	-0.02
<b>Ce (ppm)</b>	13.65	45	53.5	49.4	7.65	48	46	33.2
<b>Co (ppm)</b>	0.3	0.3	0.3	0.2	1.7	0.9	0.7	0.5
<b>Cr (ppm)</b>	13	22	15	35	28	13	50	14
<b>Cs (ppm)</b>	1.61	0.33	0.61	0.21	0.15	0.16	0.36	2.3
<b>Cu (ppm)</b>	12.8	15.8	9.7	10.9	21.9	59.9	6.9	90.2
<b>Fe (%)</b>	0.95	0.44	0.77	0.42	1.12	3.37	0.16	3.11
<b>Ga (ppm)</b>	21.6	8.96	13.05	29.4	1.59	20.3	13.3	19.65
<b>Ge (ppm)</b>	0.13	0.14	0.11	0.13	0.14	0.2	0.1	0.16
<b>Hf (ppm)</b>	1.7	0.7	1.2	0.5	0.8	0.7	0.6	2.8
<b>In (ppm)</b>	0.033	-0.005	0.027	0.006	-0.005	0.013	0.019	0.081
<b>K (%)</b>	1.88	1.46	2.47	0.4	0.07	1.09	1.18	1.87
<b>La (ppm)</b>	6.5	21.6	25	23.1	3.3	23.4	23	15.4
<b>Li (ppm)</b>	3.8	0.7	0.8	0.7	2.2	3.3	0.5	10.8
<b>Mg (%)</b>	0.29	0.01	0.12	0.04	0.04	0.05	0.05	1.46
<b>Mn (ppm)</b>	79	22	22	8	78	44	39	200
<b>Mo (ppm)</b>	0.6	1.06	0.85	1.24	12.95	7.89	0.82	2
<b>Na (%)</b>	3.17	0.09	0.83	0.08	0.03	0.54	0.23	0.09
<b>Nb (ppm)</b>	2.8	2.4	4.1	3.5	2	2.4	2.8	4.7
<b>Ni (ppm)</b>	2.2	1	1	0.8	4.5	1.7	1.9	6.1
<b>P (ppm)</b>	160	1180	2540	2480	190	1530	1640	410
<b>Pb (ppm)</b>	10.3	21.4	29.6	23	3.6	14.3	69.9	3.2
<b>Rb (ppm)</b>	66.9	40	74.6	16.5	2.5	7.4	57.8	91.2
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.12	0.22	3.88	0.32	0.09	3.19	0.7	0.04
<b>Sb (ppm)</b>	1.84	5.32	7.83	5.17	11.9	12.2	4.1	3.14

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	296883	296931	296962	297016	297053	297055	297065	297082
<b>North (NAD 27)</b>	4321960	4321958	4321750	4321937	4321139	4321027	4321366	4320963
<b>Classification</b>	Sericite-Albite	Sericite	Pyroph/Alun/Topaz	Pyroph/Alun/Topaz	Pyroph/Alun/Topaz	Pyroph/Alun/Topaz	Pyroph/Alun/Topaz	Sericite
<b>Block</b>	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin
<b>Sample#</b>	H437342	H437343	H437377	H437344	H437348	H437349	H437380	H437350
<b>Lithology</b>	Porphyry	Artesia	Jaa?	Artesia	Artesia	Artesia	Jaa	Artesia
<b>Sc (ppm)</b>	6.1	3.8	9.2	7.5	1.5	4.1	5.8	13.3
<b>Se (ppm)</b>	2	2	4	5	3	8	4	3
<b>Sn (ppm)</b>	0.7	1	1.2	2.9	0.7	0.7	2.3	1.8
<b>Sr (ppm)</b>	488	1755	1150	3640	145	1055	1265	84.7
<b>Ta (ppm)</b>	0.2	0.14	0.28	0.21	0.1	0.16	0.19	0.3
<b>Te (ppm)</b>	0.12	0.21	1.09	0.44	1.05	1.62	0.11	0.64
<b>Th (ppm)</b>	5.4	3.7	5.5	3.9	1.1	8	4.1	9.1
<b>Ti (%)</b>	0.208	0.276	0.529	0.33	0.267	0.202	0.392	0.424
<b>Tl (ppm)</b>	0.68	0.35	0.92	0.86	0.11	0.25	2.9	3.45
<b>U (ppm)</b>	2.8	1	2	1.2	0.9	2	1.6	3.9
<b>V (ppm)</b>	64	83	156	133	18	154	100	147
<b>W (ppm)</b>	0.6	2.4	0.5	0.4	1.5	1.1	0.7	1.1
<b>Y (ppm)</b>	3.4	1.9	5.3	4.4	5.8	3.9	2.4	7.8
<b>Zn (ppm)</b>	8	-2	2	-2	-2	-2	-2	28
<b>Zr (ppm)</b>	53.8	26.5	34	17.9	26.2	25.4	19.7	95
<b>Al2O3 (%)</b>	13.20	7.71	13.96	13.79	0.51	12.01	12.09	11.73
<b>CaO (%)</b>	0.28	0.08	0.24	0.10	0.92	0.62	0.21	0.25
<b>FeO (%)</b>	1.22	0.57	0.99	0.54	1.44	4.33	0.21	4.00
<b>K2O (%)</b>	2.27	1.76	2.98	0.48	0.08	1.31	1.42	2.25
<b>MgO (%)</b>	0.48	0.02	0.20	0.07	0.07	0.08	0.08	2.42
<b>Na2O (%)</b>	4.27	0.12	1.12	0.11	0.04	0.73	0.31	0.12
<b>P2O5 (%)</b>	0.04	0.27	0.58	0.57	0.04	0.35	0.38	0.09
<b>TiO2 (%)</b>	0.35	0.46	0.88	0.55	0.45	0.34	0.65	0.71
<b>SO3 (%)</b>	0.30	0.55	9.70	0.80	0.23	7.98	1.75	0.10
<b>Total (%)</b>	22.41	11.53	30.65	17.00	3.78	27.75	17.10	21.68
<b>SiO2 (%)</b>	76.02	87.66	67.21	81.81	95.96	70.31	81.70	76.80
<b>Al_m</b>	0.26	0.15	0.27	0.27	0.01	0.24	0.24	0.23
<b>Ca_m</b>	0.01	0.00	0.00	0.00	0.02	0.01	0.00	0.00
<b>K_m</b>	0.05	0.04	0.06	0.01	0.00	0.03	0.03	0.05
<b>Na_m</b>	0.14	0.00	0.04	0.00	0.00	0.02	0.01	0.00
<b>K_Al</b>	0.19	0.25	0.23	0.04	0.18	0.12	0.13	0.21
<b>Na_Al</b>	0.53	0.03	0.13	0.01	0.13	0.10	0.04	0.02
<b>Plag</b>	0.55	0.04	0.15	0.02	1.78	0.15	0.06	0.04

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	297099	297101	297114	297121	297124	297154	297227	297294	302541
<b>North (NAD 27)</b>	4321197	4322072	4320977	4321686	4321440	4321245	4320977	4321107	4319190
<b>Classification</b>	Sericite	Albite	Plag-KSpar	Sericite	Pyroph/Alun/Topaz	Sericite	Sericite-Albite	Sericite	Plag-KSpar
<b>Block</b>	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Blue Hill
<b>Sample#</b>	H437347	H437345	H437451	H437378	H437379	H437346	H437452	H437453	G909015
<b>Lithology</b>	Artesia	Artesia	Porphyry	Jas	Jas	Artesia	Artesia	Artesia	null
<b>Ag (ppm)</b>	0.05	0.11	0.01	0.05	0.05	0.02	0.34	0.08	0.18
<b>Al (%)</b>	7.49	7.7	8.18	8.13	6.58	7.17	7.89	7.48	7.37
<b>As (ppm)</b>	7.3	9.6	0.8	5.6	41.8	8.4	11.3	8.9	-0.2
<b>Ba (ppm)</b>	1180	1200	1150	1370	130	1390	1110	930	1980
<b>Be (ppm)</b>	1.3	1.44	1.27	2.02	0.23	2.02	1.81	2.46	2.01
<b>Bi (ppm)</b>	1.06	0.12	0.09	1.08	3.6	6.1	0.61	2.03	0.21
<b>Ca (%)</b>	0.22	0.3	1.1	0.18	0.16	0.13	0.83	0.14	1.12
<b>Cd (ppm)</b>	0.02	0.02	0.06	-0.02	0.02	0.03	0.03	-0.02	0.03
<b>Ce (ppm)</b>	46.3	25.2	35.3	65.3	54.6	54	68.4	13.15	46.6
<b>Co (ppm)</b>	2	1.2	10.1	0.2	1.1	0.6	1	0.6	9.9
<b>Cr (ppm)</b>	35	30	18	13	48	9	9	14	12
<b>Cs (ppm)</b>	1.83	0.72	2.84	1.28	0.08	1.83	1.67	1.84	1.36
<b>Cu (ppm)</b>	709	49.3	260	10.3	46.6	35	91.1	44.2	1510
<b>Fe (%)</b>	9.39	4.24	2.6	0.51	3.47	3.11	2.43	2.51	1.79
<b>Ga (ppm)</b>	20.1	21.9	19.4	23	15.6	23.5	23.3	22.1	20
<b>Ge (ppm)</b>	0.26	0.2	0.12	0.13	0.19	0.19	0.15	0.1	0.11
<b>Hf (ppm)</b>	1.6	0.6	1.2	1.9	0.7	2.1	2.6	2.3	0.4
<b>In (ppm)</b>	0.219	0.018	0.027	0.044	0.037	0.098	0.127	0.109	0.046
<b>K (%)</b>	2.34	1.49	1.85	3.66	1.79	2.82	2.23	3.75	3.16
<b>La (ppm)</b>	20.6	10.6	18.8	32.7	27.7	26.1	33.9	6.2	24.7
<b>Li (ppm)</b>	15.6	8.8	20.2	1.1	0.7	1.3	10.1	9.4	5.1
<b>Mg (%)</b>	0.82	0.78	0.96	0.21	0.02	0.29	0.62	0.55	0.71
<b>Mn (ppm)</b>	202	299	190	21	13	30	94	69	145
<b>Mo (ppm)</b>	4.96	1.61	0.82	0.66	3.43	3.65	2.99	4.05	1.88
<b>Na (%)</b>	0.13	4.52	2.57	0.31	0.75	0.24	1.58	0.1	2.49
<b>Nb (ppm)</b>	1.8	3.5	4.2	5.2	1	4.8	7.2	3.4	2.2
<b>Ni (ppm)</b>	28.2	5.8	21.3	0.6	3.6	3.1	7.5	3	9.9
<b>P (ppm)</b>	1650	960	990	1230	1720	940	840	570	750
<b>Pb (ppm)</b>	10.9	12.7	18	10.9	99.5	31.9	64.3	12.5	3.7
<b>Rb (ppm)</b>	106.5	35.1	44	132.5	9.3	149	99	144.5	120
<b>Re (ppm)</b>	-0.002	-0.002	0.002	-0.002	-0.002	-0.002	-0.002	0.003	0.003
<b>S (%)</b>	0.07	0.8	-0.01	0.92	5.58	0.06	0.05	0.28	0.65
<b>Sb (ppm)</b>	1.16	4.39	1.16	6.84	3.33	4.34	6.14	2.01	0.21

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	297099	297101	297114	297121	297124	297154	297227	297294	302541
<b>North (NAD 27)</b>	4321197	4322072	4320977	4321686	4321440	4321245	4320977	4321107	4319190
<b>Classification</b>	Sericite	Albite	Plag-KSpar	Sericite	Pyroph/Alun/Topaz	Sericite	Sericite-Albite	Sericite	Plag-KSpar
<b>Block</b>	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Buckskin	Blue Hill
<b>Sample#</b>	H437347	H437345	H437451	H437378	H437379	H437346	H437452	H437453	G909015
<b>Lithology</b>	Artesia	Artesia	Porphyry	Jas	Jas	Artesia	Artesia	Artesia	null
<b>Sc (ppm)</b>	18.4	15.5	6.4	17.9	4.6	8.9	15.7	10.7	6.2
<b>Se (ppm)</b>	2	6	1	3	9	10	6	5	2
<b>Sn (ppm)</b>	5.6	1.1	0.8	1	1.5	1.5	3.2	1.9	1.7
<b>Sr (ppm)</b>	453	424	661	881	1025	456	336	196.5	691
<b>Ta (ppm)</b>	0.11	0.22	0.31	0.38	0.07	0.32	0.46	0.26	0.17
<b>Te (ppm)</b>	0.05	0.88	-0.05	0.64	1.05	0.73	0.42	0.29	0.15
<b>Th (ppm)</b>	4.3	2.3	3.5	9.6	7	10.8	12.9	9.7	8.8
<b>Ti (%)</b>	0.213	0.481	0.265	0.6	0.15	0.347	0.576	0.22	0.196
<b>Tl (ppm)</b>	3.08	0.6	0.38	1.95	0.31	12.15	1.57	3.34	0.43
<b>U (ppm)</b>	1.6	1.8	1.5	3.8	2.1	3.8	4.7	4.1	3.2
<b>V (ppm)</b>	188	157	71	198	116	146	173	106	50
<b>W (ppm)</b>	2.2	1	1	0.7	1.2	0.9	2.5	1.2	3.7
<b>Y (ppm)</b>	5.9	2.7	17.8	9	4	7.8	7.7	5.3	6.6
<b>Zn (ppm)</b>	67	16	78	2	-2	5	12	9	14
<b>Zr (ppm)</b>	57.1	20.1	31	55.7	23.2	84.9	84.1	78.2	9.7
<b>Al2O3 (%)</b>	14.15	14.55	15.45	15.36	12.43	13.54	14.90	14.13	13.92
<b>CaO (%)</b>	0.31	0.42	1.54	0.25	0.22	0.18	1.16	0.20	1.57
<b>FeO (%)</b>	12.08	5.45	3.34	0.66	4.46	4.00	3.12	3.23	2.30
<b>K2O (%)</b>	2.82	1.80	2.23	4.41	2.16	3.40	2.69	4.52	3.81
<b>MgO (%)</b>	1.36	1.29	1.59	0.35	0.03	0.48	1.03	0.91	1.18
<b>Na2O (%)</b>	0.18	6.09	3.46	0.42	1.01	0.32	2.13	0.13	3.36
<b>P2O5 (%)</b>	0.38	0.22	0.23	0.28	0.39	0.22	0.19	0.13	0.17
<b>TiO2 (%)</b>	0.36	0.80	0.44	1.00	0.25	0.58	0.96	0.37	0.33
<b>SO3 (%)</b>	0.18	2.00	-0.03	2.30	13.95	0.15	0.13	0.70	1.63
<b>Total (%)</b>	31.79	32.62	28.26	25.02	34.91	22.87	26.31	24.32	28.26
<b>SiO2 (%)</b>	65.98	65.09	69.76	73.22	62.64	75.53	71.84	73.98	69.77
<b>Al_m</b>	0.28	0.29	0.30	0.30	0.24	0.27	0.29	0.28	0.27
<b>Ca_m</b>	0.01	0.01	0.03	0.00	0.00	0.00	0.02	0.00	0.03
<b>K_m</b>	0.06	0.04	0.05	0.09	0.05	0.07	0.06	0.10	0.08
<b>Na_m</b>	0.01	0.20	0.11	0.01	0.03	0.01	0.07	0.00	0.11
<b>K_Al</b>	0.22	0.13	0.16	0.31	0.19	0.27	0.20	0.35	0.30
<b>Na_Al</b>	0.02	0.69	0.37	0.04	0.13	0.04	0.24	0.02	0.40
<b>Plag</b>	0.04	0.72	0.46	0.06	0.15	0.05	0.31	0.03	0.50

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	302541	302541	302541	302541	302541	302541	302541	302541	302541
<b>North (NAD 27)</b>	4319190	4319190	4319190	4319190	4319190	4319190	4319190	4319190	4319190
<b>Classification</b>	Plagioclase	Plag-KSpar	Plagioclase	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plag-KSpar
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	G909016	G909017	G909018	G909019	G909020	G909021	G909022	G909023	G909024
<b>Lithology</b>	null	null	null	null	null	null	null	null	null
<b>Ag (ppm)</b>	0.22	1.2	0.24	0.15	0.13	0.18	0.64	0.11	0.37
<b>Al (%)</b>	7.01	7	7.61	7.71	7.68	7.29	6.77	7.7	7.73
<b>As (ppm)</b>	-0.2	0.5	-0.2	-0.2	-0.2	0.3	-0.2	-0.2	-0.2
<b>Ba (ppm)</b>	250	600	170	1780	1320	1420	870	1220	1200
<b>Be (ppm)</b>	2.06	2.34	2.33	1.74	1.8	1.65	2.16	1.79	1.95
<b>Bi (ppm)</b>	0.11	0.18	0.11	0.14	0.06	0.09	0.08	0.06	0.07
<b>Ca (%)</b>	1.44	1.79	1.83	1.47	2.11	1.55	1.27	1.96	1.84
<b>Cd (ppm)</b>	-0.02	0.03	0.02	0.02	0.04	0.07	0.04	-0.02	0.02
<b>Ce (ppm)</b>	50.1	48.2	37.5	51.9	43.8	41	28.3	43.5	53.8
<b>Co (ppm)</b>	4.4	5.2	5.8	5.1	6.3	6.1	5.3	7.6	12.1
<b>Cr (ppm)</b>	11	16	16	14	12	15	15	13	16
<b>Cs (ppm)</b>	0.69	2.22	1.86	2.08	1.66	1.62	1.19	0.93	2.27
<b>Cu (ppm)</b>	2010	5870	1280	922	603	476	2580	452	1255
<b>Fe (%)</b>	1.02	1.22	1.03	1.77	1.98	1.88	1.33	1.91	2.45
<b>Ga (ppm)</b>	21.7	21.5	23.2	21.3	21.8	20.6	20	20.9	21.7
<b>Ge (ppm)</b>	0.11	0.13	0.11	0.12	0.13	0.12	0.1	0.11	0.15
<b>Hf (ppm)</b>	0.8	0.3	0.4	0.8	0.6	0.5	0.3	0.5	0.5
<b>In (ppm)</b>	0.098	0.128	0.027	0.051	0.041	0.019	0.064	0.024	0.061
<b>K (%)</b>	0.41	1.56	0.58	3	2.76	3.04	1.92	2.86	2.96
<b>La (ppm)</b>	27.9	21.8	15.1	25	21.3	19.7	14.5	20.8	26.4
<b>Li (ppm)</b>	4.6	3.6	3.2	9.6	4.8	6.6	4.5	7	5.2
<b>Mg (%)</b>	0.58	0.65	0.69	0.7	0.66	0.58	0.55	0.67	0.8
<b>Mn (ppm)</b>	97	58	62	146	161	127	80	154	145
<b>Mo (ppm)</b>	1.64	58.7	1.23	5.6	1.28	1.87	4.82	11.9	1.25
<b>Na (%)</b>	4.66	3.16	4.29	2.85	2.91	2.67	3.26	2.92	2.77
<b>Nb (ppm)</b>	2.2	1.6	2.2	3.7	3.4	3	1.6	3.3	3.5
<b>Ni (ppm)</b>	8.7	9.3	6.9	9	9.8	9.7	6.9	9.3	11.1
<b>P (ppm)</b>	670	740	870	840	740	650	720	760	660
<b>Pb (ppm)</b>	1.9	5.4	4.1	5.9	6.6	9.5	5.1	6.6	6.3
<b>Rb (ppm)</b>	19	89.2	44.6	104	92.5	118.5	78.2	98.9	122.5
<b>Re (ppm)</b>	0.003	0.003	0.003	0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.45	0.83	0.71	0.22	0.08	0.16	0.5	0.18	0.89
<b>Sb (ppm)</b>	0.24	0.24	0.17	0.22	0.11	0.14	0.23	0.2	0.1

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	302541	302541	302541	302541	302541	302541	302541	302541	302541
<b>North (NAD 27)</b>	4319190	4319190	4319190	4319190	4319190	4319190	4319190	4319190	4319190
<b>Classification</b>	Plagioclase	Plag-KSpar	Plagioclase	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plag-KSpar
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	G909016	G909017	G909018	G909019	G909020	G909021	G909022	G909023	G909024
<b>Lithology</b>	null	null	null	null	null	null	null	null	null
<b>Sc (ppm)</b>	6	5.8	7.7	6.4	6	5	5.7	6.1	8.2
<b>Se (ppm)</b>	1	3	2	2	1	1	2	1	3
<b>Sn (ppm)</b>	3	2.7	2.2	1.5	1.2	1.1	1.7	1.1	1.7
<b>Sr (ppm)</b>	603	999	991	917	1070	863	821	1055	1015
<b>Ta (ppm)</b>	0.17	0.11	0.17	0.27	0.24	0.21	0.13	0.23	0.24
<b>Te (ppm)</b>	0.06	0.09	0.06	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05
<b>Th (ppm)</b>	6.8	7.3	7.1	7.3	8.3	6.3	8.3	7.4	11.8
<b>Ti (%)</b>	0.198	0.152	0.195	0.282	0.266	0.238	0.182	0.276	0.299
<b>Tl (ppm)</b>	0.09	0.36	0.22	0.44	0.39	0.49	0.26	0.39	0.47
<b>U (ppm)</b>	3.4	2.5	5.8	2.9	4.1	2.3	3	3.3	7.6
<b>V (ppm)</b>	47	54	63	61	58	51	50	60	74
<b>W (ppm)</b>	3.2	20	14	2.2	1.8	11.7	3.5	5.4	9
<b>Y (ppm)</b>	4.8	7.1	9	7.4	6.3	5.8	5.2	6.2	9
<b>Zn (ppm)</b>	7	12	10	66	26	40	14	16	18
<b>Zr (ppm)</b>	19.2	6.6	7.2	18.2	10.9	8.4	6.2	8.4	8.9
<b>Al2O3 (%)</b>	13.24	13.22	14.38	14.56	14.51	13.77	12.79	14.55	14.60
<b>CaO (%)</b>	2.01	2.50	2.56	2.06	2.95	2.17	1.78	2.74	2.57
<b>FeO (%)</b>	1.31	1.57	1.32	2.28	2.55	2.42	1.71	2.46	3.15
<b>K2O (%)</b>	0.49	1.88	0.70	3.62	3.33	3.66	2.31	3.45	3.57
<b>MgO (%)</b>	0.96	1.08	1.14	1.16	1.09	0.96	0.91	1.11	1.33
<b>Na2O (%)</b>	6.28	4.26	5.78	3.84	3.92	3.60	4.39	3.94	3.73
<b>P2O5 (%)</b>	0.15	0.17	0.20	0.19	0.17	0.15	0.16	0.17	0.15
<b>TiO2 (%)</b>	0.33	0.25	0.33	0.47	0.44	0.40	0.30	0.46	0.50
<b>SO3 (%)</b>	1.13	2.08	1.78	0.55	0.20	0.40	1.25	0.45	2.23
<b>Total (%)</b>	25.91	27.01	28.19	28.73	29.16	27.53	25.61	29.32	31.83
<b>SiO2 (%)</b>	72.27	71.10	69.84	69.26	68.80	70.55	72.59	68.63	65.94
<b>Al_m</b>	0.26	0.26	0.28	0.29	0.28	0.27	0.25	0.29	0.29
<b>Ca_m</b>	0.04	0.04	0.05	0.04	0.05	0.04	0.03	0.05	0.05
<b>K_m</b>	0.01	0.04	0.01	0.08	0.07	0.08	0.05	0.07	0.08
<b>Na_m</b>	0.20	0.14	0.19	0.12	0.13	0.12	0.14	0.13	0.12
<b>K_Al</b>	0.04	0.15	0.05	0.27	0.25	0.29	0.20	0.26	0.27
<b>Na_Al</b>	0.78	0.53	0.66	0.43	0.44	0.43	0.57	0.45	0.42
<b>Plag</b>	0.92	0.70	0.82	0.56	0.63	0.57	0.69	0.62	0.58

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	302541	302541	302541	302541	302541	302541	302541	302541	302183
<b>North (NAD 27)</b>	4319190	4319190	4319190	4319190	4319190	4319190	4319190	4319190	4322079
<b>Classification</b>	Plag-KSpar	Plag-KSpar	Albite-KSpar-Sericite	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plagioclase	Plagioclase	null
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	G909025	G909026	G909027	G909028	G909029	G909030	G909031	G909032	80JD-94
<b>Lithology</b>	null	null	null	null	null	null	null	null	McLeod QMD
<b>Ag (ppm)</b>	0.72	0.2	0.7	0.64	0.78	0.81	0.11	0.03	0.14
<b>Al (%)</b>	7.11	7.9	7.29	7.69	7.8	7.59	7.4	7.23	6.84
<b>As (ppm)</b>	-0.2	0.6	-0.2	-0.2	0.3	-0.2	-0.2	-0.2	3.8
<b>Ba (ppm)</b>	970	1330	1660	1210	1600	1460	500	90	2450
<b>Be (ppm)</b>	1.74	2.47	1.82	1.88	2.04	1.85	1.91	2.87	1.89
<b>Bi (ppm)</b>	0.08	0.24	0.07	0.13	0.13	0.13	0.1	0.03	0.46
<b>Ca (%)</b>	1.82	1.91	1.04	1.74	1.69	1.76	1.68	2.07	2.77
<b>Cd (ppm)</b>	0.03	0.2	-0.02	-0.02	0.03	0.05	0.03	0.02	0.06
<b>Ce (ppm)</b>	42.9	49.9	14.45	45.5	46.9	44.5	43.5	30.8	36.3
<b>Co (ppm)</b>	3.2	6	5.3	5.6	7.4	10.8	5.2	1.3	6.3
<b>Cr (ppm)</b>	12	14	11	11	13	11	11	9	29
<b>Cs (ppm)</b>	0.63	1.37	1.51	2.44	2.04	2.57	1.18	1.2	0.84
<b>Cu (ppm)</b>	3310	488	3420	2040	2120	3690	1130	138	189
<b>Fe (%)</b>	1.32	1.81	0.91	1.45	1.84	1.93	1.24	0.46	2.5
<b>Ga (ppm)</b>	20.1	22.1	19.9	21.9	21.6	21.2	22.1	24.2	20.5
<b>Ge (ppm)</b>	0.11	0.11	0.09	0.12	0.12	0.13	0.11	0.1	0.11
<b>Hf (ppm)</b>	0.4	0.6	0.4	0.4	0.4	0.4	0.4	0.2	1.4
<b>In (ppm)</b>	0.159	0.024	0.083	0.061	0.063	0.069	0.045	0.007	0.05
<b>K (%)</b>	2.08	2.56	3.78	2.43	3.07	2.97	0.81	0.34	2.63
<b>La (ppm)</b>	21.2	25.6	6.2	21.7	22.9	22.1	21.2	10.3	16.7
<b>Li (ppm)</b>	5.3	7.6	6.5	4.8	6.6	5.4	7.7	6.2	6
<b>Mg (%)</b>	0.48	0.69	0.59	0.67	0.68	0.71	1.02	0.7	0.92
<b>Mn (ppm)</b>	69	136	49	119	106	116	94	66	370
<b>Mo (ppm)</b>	1.34	1.33	55.4	171	17.45	2.18	4.53	6.54	0.48
<b>Na (%)</b>	2.91	2.92	2.86	3.07	2.89	2.65	4.08	4.27	2.3
<b>Nb (ppm)</b>	2.6	3.6	1.3	2.8	3.1	3	3.1	1.3	3
<b>Ni (ppm)</b>	4.9	9.7	7	9.4	9.1	9.9	9.3	4.6	18.3
<b>P (ppm)</b>	670	770	650	810	830	780	800	750	910
<b>Pb (ppm)</b>	3.9	8.1	6.1	8.2	8.4	6.4	3.4	5.1	9
<b>Rb (ppm)</b>	70.2	91.7	125.5	104	130.5	122.5	43	22.4	48.9
<b>Re (ppm)</b>	-0.002	-0.002	0.004	0.02	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.47	0.19	0.46	0.33	0.34	0.53	0.19	0.03	0.03
<b>Sb (ppm)</b>	0.2	0.34	0.11	0.13	0.23	0.15	0.15	0.16	5.21

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	302541	302541	302541	302541	302541	302541	302541	302541	302183
<b>North (NAD 27)</b>	4319190	4319190	4319190	4319190	4319190	4319190	4319190	4319190	4322079
<b>Classification</b>	Plag-KSpar	Plag-KSpar	Albite-KSpar-Sericite	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plagioclase	Plagioclase	null
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	G909025	G909026	G909027	G909028	G909029	G909030	G909031	G909032	80JD-94
<b>Lithology</b>	null	null	null	null	null	null	null	null	McLeod QMD
<b>Sc (ppm)</b>	4.7	6.7	4.6	6.4	6.1	6.2	6.3	6	6.5
<b>Se (ppm)</b>	2	1	3	2	2	2	2	1	1
<b>Sn (ppm)</b>	1.2	1.2	1.3	1.5	1.5	1.6	1.2	1.4	0.8
<b>Sr (ppm)</b>	651	1040	753	978	994	998	768	806	1040
<b>Ta (ppm)</b>	0.19	0.26	0.1	0.21	0.23	0.23	0.23	0.1	0.22
<b>Te (ppm)</b>	0.05	-0.05	0.06	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05
<b>Th (ppm)</b>	7.5	9.6	5.3	8.1	8	6.9	7.4	8.4	4.2
<b>Ti (%)</b>	0.219	0.272	0.137	0.238	0.266	0.26	0.259	0.139	0.32
<b>Tl (ppm)</b>	0.22	0.35	0.44	0.45	0.49	0.46	0.19	0.11	0.29
<b>U (ppm)</b>	3.2	5.2	2.2	3.6	3.3	2.9	3	1.9	2.1
<b>V (ppm)</b>	51	60	51	59	63	63	63	56	76
<b>W (ppm)</b>	1.9	3.1	5.6	5.3	12.6	30.9	6.9	1.6	1.2
<b>Y (ppm)</b>	6.1	7.1	3.7	7.1	6.4	6.3	6.2	7.2	5.4
<b>Zn (ppm)</b>	9	22	9	24	20	15	8	10	21
<b>Zr (ppm)</b>	6.5	9.8	10.9	7.3	6.5	6.3	7	3.8	44
<b>Al2O3 (%)</b>	13.43	14.92	13.77	14.53	14.73	14.34	13.98	13.66	12.92
<b>CaO (%)</b>	2.55	2.67	1.45	2.43	2.36	2.46	2.35	2.90	3.88
<b>FeO (%)</b>	1.70	2.33	1.17	1.86	2.37	2.48	1.59	0.59	3.22
<b>K2O (%)</b>	2.51	3.08	4.55	2.93	3.70	3.58	0.98	0.41	3.17
<b>MgO (%)</b>	0.80	1.14	0.98	1.11	1.13	1.18	1.69	1.16	1.53
<b>Na2O (%)</b>	3.92	3.94	3.86	4.14	3.90	3.57	5.50	5.76	3.10
<b>P2O5 (%)</b>	0.15	0.18	0.15	0.19	0.19	0.18	0.18	0.17	0.21
<b>TiO2 (%)</b>	0.37	0.45	0.23	0.40	0.44	0.43	0.43	0.23	0.53
<b>SO3 (%)</b>	1.18	0.48	1.15	0.83	0.85	1.33	0.48	0.08	0.08
<b>Total (%)</b>	26.59	29.19	27.31	28.41	29.67	29.55	27.18	24.95	28.62
<b>SiO2 (%)</b>	71.55	68.76	70.78	69.60	68.25	68.38	70.92	73.30	69.37
<b>Al_m</b>	0.26	0.29	0.27	0.28	0.29	0.28	0.27	0.27	0.25
<b>Ca_m</b>	0.05	0.05	0.03	0.04	0.04	0.04	0.04	0.05	0.07
<b>K_m</b>	0.05	0.07	0.10	0.06	0.08	0.08	0.02	0.01	0.07
<b>Na_m</b>	0.13	0.13	0.12	0.13	0.13	0.12	0.18	0.19	0.10
<b>K_Al</b>	0.20	0.22	0.36	0.22	0.27	0.27	0.08	0.03	0.27
<b>Na_Al</b>	0.48	0.43	0.46	0.47	0.43	0.41	0.65	0.69	0.39
<b>Plag</b>	0.65	0.60	0.56	0.62	0.58	0.57	0.80	0.89	0.67

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	301667	301181	301214	301486	301433	301428	300645	301397	301578
<b>North (NAD 27)</b>	4322120	4320973	4320182	4322188	4319473	4319428	4321368	4322343	4321949
<b>Classification</b>	null	null	null	null	null	null	null	null	null
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	YD01-07A	YD01-30C	YD08-22	YD01-01A	JD09-06	JD09-04	YD01-13A	YD01-04	81JD-94B
<b>Lithology</b>	McLeod QMD	McLeod QMD	mafic dike	Bear QMD	Porphyry	Porphyry	Artesia Lake	McLeod QMD	McLeod QMD
<b>Ag (ppm)</b>	0.1	0.34	0.15	0.12	0.12	0.05	0.03	0.28	0.02
<b>Al (%)</b>	2.03	7.61	6.86	7.08	7.59	6.71	7.23	3.13	6.75
<b>As (ppm)</b>	41	9.7	2.5	4.3	5.5	2	2.4	1.7	4.6
<b>Ba (ppm)</b>	50	250	870	1820	1580	420	1020	160	1830
<b>Be (ppm)</b>	0.98	1.14	1.53	2.23	1.85	1.52	1.14	0.76	2.25
<b>Bi (ppm)</b>	2.57	0.08	0.05	0.29	0.45	0.83	-0.01	0.25	0.91
<b>Ca (%)</b>	5.99	1.56	3.53	2.49	2.06	0.08	0.13	1.35	2.54
<b>Cd (ppm)</b>	0.04	0.19	0.76	0.05	0.03	0.02	0.02	0.03	0.03
<b>Ce (ppm)</b>	86	60.5	36.8	42.1	50.9	3.59	18.35	34.3	26.1
<b>Co (ppm)</b>	7.3	21.3	13.2	1.7	0.7	0.3	10.6	3.5	0.8
<b>Cr (ppm)</b>	14	18	38	9	19	11	64	11	15
<b>Cs (ppm)</b>	1.56	0.33	2.16	2.2	0.74	0.8	0.8	0.33	0.74
<b>Cu (ppm)</b>	3390	304	105	133.5	90.9	8.6	10	973	428
<b>Fe (%)</b>	18.55	6.42	3.38	1.63	1.9	0.56	6.96	2.29	1.18
<b>Ga (ppm)</b>	13.1	19.15	17.2	22.3	22.4	32.3	20.1	12.3	20.3
<b>Ge (ppm)</b>	0.21	0.13	0.13	0.13	0.16	0.11	0.17	0.1	0.12
<b>Hf (ppm)</b>	0.2	1.1	2.9	1.5	1.4	1.6	2.2	0.8	1.2
<b>In (ppm)</b>	0.105	0.121	0.033	0.117	0.321	0.136	0.1	0.126	0.063
<b>K (%)</b>	0.08	0.24	2.47	2.47	2.21	2.98	1.83	0.27	1.89
<b>La (ppm)</b>	37	28.7	19	19.7	24.2	1.5	7.8	16.3	9.7
<b>Li (ppm)</b>	16.1	7.9	5.8	6.9	3.1	5.4	19	5.4	2.7
<b>Mg (%)</b>	1.43	2.09	1.31	0.58	0.44	0.58	2.31	1.25	0.18
<b>Mn (ppm)</b>	320	946	470	264	244	49	617	218	310
<b>Mo (ppm)</b>	9.1	1.24	0.66	1.35	2.3	2.79	0.15	0.9	0.39
<b>Na (%)</b>	0.02	4.03	1.65	2.38	3.06	0.2	0.17	0.8	2.87
<b>Nb (ppm)</b>	1	3.6	6.1	5.4	3.4	2.8	1.2	3.9	4.8
<b>Ni (ppm)</b>	42	38.8	25.1	7.1	7.4	2.7	50.4	9.1	2.1
<b>P (ppm)</b>	>10000	1920	800	880	540	90	550	740	490
<b>Pb (ppm)</b>	3.7	17.9	43	7.6	8.8	2.6	4.6	3	7.1
<b>Rb (ppm)</b>	6.6	5.8	88	58.5	70.6	110	22	11.1	44.3
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.01	0.02	0.03	0.01	-0.01	-0.01	-0.01	-0.01	-0.01
<b>Sb (ppm)</b>	2.98	2.54	1.22	4.07	4.77	0.49	1.47	0.74	5.84

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	301667	301181	301214	301486	301433	301428	300645	301397	301578
<b>North (NAD 27)</b>	4322120	4320973	4320182	4322188	4319473	4319428	4321368	4322343	4321949
<b>Classification</b>	null	null	null	null	null	null	null	null	null
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	YD01-07A	YD01-30C	YD08-22	YD01-01A	JD09-06	JD09-04	YD01-13A	YD01-04	81JD-94B
<b>Lithology</b>	McLeod QMD	McLeod QMD	mafic dike	Bear QMD	Porphyry	Porphyry	Artesia Lake	McLeod QMD	McLeod QMD
<b>Sc (ppm)</b>	40.6	13.1	13.8	2.2	5.9	7.2	16	3	1.3
<b>Se (ppm)</b>	1	1	1	1	1	1	1	1	1
<b>Sn (ppm)</b>	1.3	1.5	0.8	1	0.9	1.8	0.8	0.8	0.9
<b>Sr (ppm)</b>	331	819	239	969	1075	63.8	23.1	342	1005
<b>Ta (ppm)</b>	-0.05	0.27	0.51	0.55	0.27	0.22	0.11	0.3	0.45
<b>Te (ppm)</b>	0.34	0.08	-0.05	-0.05	0.31	1.4	-0.05	0.1	-0.05
<b>Th (ppm)</b>	34.9	6.1	7.5	18.8	8.3	1.7	2	9.8	8.4
<b>Ti (%)</b>	0.084	0.499	0.325	0.272	0.284	0.245	0.091	0.252	0.314
<b>Tl (ppm)</b>	0.09	0.07	0.47	0.31	0.44	0.7	1.83	0.05	0.28
<b>U (ppm)</b>	6.3	3.4	2.6	5.1	4.9	1.8	1.6	2.9	2.4
<b>V (ppm)</b>	445	224	104	40	63	64	130	39	37
<b>W (ppm)</b>	215	3.1	1.5	3	1.9	2.7	0.7	0.5	0.4
<b>Y (ppm)</b>	13.9	12.7	13.7	9.9	8.3	1.6	4.1	6.7	8.6
<b>Zn (ppm)</b>	31	278	238	19	20	9	89	18	13
<b>Zr (ppm)</b>	2	33.5	112.5	29.9	34.1	42.4	94.4	13.7	26.1
<b>Al2O3 (%)</b>	3.83	14.38	12.96	13.37	14.34	12.68	13.66	5.91	12.75
<b>CaO (%)</b>	8.38	2.18	4.94	3.48	2.88	0.11	0.18	1.89	3.55
<b>FeO (%)</b>	23.86	8.26	4.35	2.10	2.44	0.72	8.95	2.94	1.52
<b>K2O (%)</b>	0.10	0.29	2.98	2.98	2.66	3.59	2.21	0.33	2.28
<b>MgO (%)</b>	2.37	3.47	2.17	0.96	0.73	0.96	3.83	2.07	0.30
<b>Na2O (%)</b>	0.03	5.43	2.22	3.21	4.12	0.27	0.23	1.08	3.87
<b>P2O5 (%)</b>	#VALUE!	0.44	0.18	0.20	0.12	0.02	0.13	0.17	0.11
<b>TiO2 (%)</b>	0.14	0.83	0.54	0.45	0.47	0.41	0.15	0.42	0.52
<b>SO3 (%)</b>	0.03	0.05	0.08	0.03	-0.03	-0.03	-0.03	-0.03	-0.03
<b>Total (%)</b>	#VALUE!	35.32	30.42	26.78	27.75	18.73	29.31	14.79	24.88
<b>SiO2 (%)</b>	#VALUE!	62.20	67.45	71.35	70.30	79.95	68.64	84.18	73.38
<b>Al_m</b>	0.08	0.28	0.25	0.26	0.28	0.25	0.27	0.12	0.25
<b>Ca_m</b>	0.15	0.04	0.09	0.06	0.05	0.00	0.00	0.03	0.06
<b>K_m</b>	0.00	0.01	0.06	0.06	0.06	0.08	0.05	0.01	0.05
<b>Na_m</b>	0.00	0.18	0.07	0.10	0.13	0.01	0.01	0.03	0.12
<b>K_Al</b>	0.03	0.02	0.25	0.24	0.20	0.31	0.18	0.06	0.19
<b>Na_Al</b>	0.01	0.62	0.28	0.39	0.47	0.03	0.03	0.30	0.50
<b>Plag</b>	2.00	0.76	0.63	0.63	0.66	0.04	0.04	0.59	0.75

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	300972	301910	302099	301059	300858	301456	300836	300836	300744
<b>North (NAD 27)</b>	4320770	4321551	4321661	4320471	4320533	4322135	4319761	4319767	4319806
<b>Classification</b>	null	null	null	null	null	null	Sericite	Plag-KSpar	Albite-KSpar-Sericite
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	YD02-02	80JD-94D	80JD-94B	YD08-21	YD08-19C	YD01-01C	JC10-BHT303	JC10-BHT304	JC10-BHT401
<b>Lithology</b>	Artesia Lake	Porphyry	McLeod QMD	Artesia Lake	Artesia Lake	Bear QMD	Porphyry	McLeod QMD	McLeod QMD
<b>Ag (ppm)</b>	0.04	0.15	0.04	0.17	0.09	-0.01	-0.01	0.06	0.16
<b>Al (%)</b>	11.9	7.39	6.79	5.11	8.39	7.94	8	7.84	7.61
<b>As (ppm)</b>	2.5	3.7	1.4	2.3	2.2	4.4	11.6	10.8	7.7
<b>Ba (ppm)</b>	180	2840	250	450	250	3370	1550	1250	1370
<b>Be (ppm)</b>	1.14	1.57	2.72	0.59	0.19	3.39	1.59	1.8	2.81
<b>Bi (ppm)</b>	0.1	0.36	0.09	0.04	0.05	0.31	1.71	0.15	0.33
<b>Ca (%)</b>	0.04	2.75	2.07	0.09	0.11	1.35	0.36	3.2	0.81
<b>Cd (ppm)</b>	-0.02	0.04	0.04	0.03	0.02	0.02	-0.02	0.03	0.04
<b>Ce (ppm)</b>	20.2	38.5	44.8	45	106	24.9	43.7	47.6	78.3
<b>Co (ppm)</b>	-0.1	5.3	0.8	0.3	0.4	1.3	0.9	11.8	4.8
<b>Cr (ppm)</b>	51	33	10	19	127	11	19	8	14
<b>Cs (ppm)</b>	1.11	0.72	0.88	0.73	0.36	1.61	1.22	1.02	1.7
<b>Cu (ppm)</b>	2.2	138.5	12.2	1460	21.8	153	24.4	36.7	112.5
<b>Fe (%)</b>	0.1	2.52	0.83	0.59	0.55	1.76	3.66	4.06	3.1
<b>Ga (ppm)</b>	19.7	20.4	22.2	4.95	8.32	24.3	26.1	23.4	22.3
<b>Ge (ppm)</b>	0.11	0.16	0.14	0.14	0.22	0.17	0.1	0.18	0.2
<b>Hf (ppm)</b>	0.2	1.4	1.2	0.3	0.7	0.9	2.2	0.5	0.9
<b>In (ppm)</b>	0.011	0.034	0.064	0.005	-0.005	0.017	0.051	0.034	0.041
<b>K (%)</b>	2.98	2.61	0.42	2.24	4.09	3.06	3.66	2.73	3.58
<b>La (ppm)</b>	9.3	18.7	21.8	21	49	7.6	27.5	20.8	39.8
<b>Li (ppm)</b>	47.6	5.5	2.1	5.8	0.8	6.2	5.8	4.8	7.5
<b>Mg (%)</b>	0.02	0.89	0.15	0.11	0.06	0.86	0.4	1.06	0.58
<b>Mn (ppm)</b>	7	381	90	55	41	271	51	400	382
<b>Mo (ppm)</b>	0.32	0.56	0.96	0.39	1.17	0.28	2.86	1.36	2.3
<b>Na (%)</b>	2.5	2.35	4.04	0.15	0.18	2.6	1.84	3.21	2.87
<b>Nb (ppm)</b>	0.5	2.9	4.5	1.1	1.5	8	3.6	5.6	8.8
<b>Ni (ppm)</b>	0.5	17.2	1.8	1.5	1.3	4.2	7.1	16.1	7.6
<b>P (ppm)</b>	1520	900	60	140	2220	1550	1090	1770	980
<b>Pb (ppm)</b>	759	27.6	4.5	25.1	914	8.3	7.4	7.3	7.6
<b>Rb (ppm)</b>	76.1	48.1	15.9	60.3	63.4	107.5	148.5	75.4	132.5
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.16	0.04	-0.01	0.03	0.33	0.03	0.24	0.02	0.03
<b>Sb (ppm)</b>	1.45	4.95	0.65	1.84	3.37	2.14	1.02	1.51	0.83

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	300972	301910	302099	301059	300858	301456	300836	300836	300744
<b>North (NAD 27)</b>	4320770	4321551	4321661	4320471	4320533	4322135	4319761	4319767	4319806
<b>Classification</b>	null	null	null	null	null	null	Sericite	Plag-KSpar	Albite-KSpar-Sericite
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	YD02-02	80JD-94D	80JD-94B	YD08-21	YD08-19C	YD01-01C	JC10-BHT303	JC10-BHT304	JC10-BHT401
<b>Lithology</b>	Artesia Lake	Porphyry	McLeod QMD	Artesia Lake	Artesia Lake	Bear QMD	Porphyry	McLeod QMD	McLeod QMD
<b>Sc (ppm)</b>	1.9	6.9	0.7	2.3	1.9	9.9	7.4	12	6.9
<b>Se (ppm)</b>	2	1	1	1	1	1	1	2	2
<b>Sn (ppm)</b>	0.6	0.7	0.9	0.5	1.4	0.6	0.7	0.9	1
<b>Sr (ppm)</b>	2340	1160	1060	130	3210	499	553	1165	415
<b>Ta (ppm)</b>	0.08	0.2	0.39	0.06	0.11	0.56	0.21	0.34	0.65
<b>Te (ppm)</b>	0.08	-0.05	-0.05	-0.05	0.07	0.1	0.27	-0.05	0.1
<b>Th (ppm)</b>	1.2	4.5	6.8	2	5	26.8	8.9	10	32
<b>Ti (%)</b>	0.058	0.314	0.297	0.153	0.259	0.523	0.305	0.453	0.352
<b>Tl (ppm)</b>	1.11	0.29	0.08	0.3	0.56	0.54	0.58	0.37	0.57
<b>U (ppm)</b>	0.3	2.1	3	6.6	1	3.6	5.5	3.8	10
<b>V (ppm)</b>	131	78	22	61	107	108	97	140	79
<b>W (ppm)</b>	0.6	1.1	0.3	0.9	5.4	12.5	2.1	1.3	2.2
<b>Y (ppm)</b>	0.3	5.5	7.7	2.8	0.6	14.1	5.6	13	15.4
<b>Zn (ppm)</b>	-2	17	8	6	4	19	13	25	56
<b>Zr (ppm)</b>	6.6	39.6	21.3	9.3	22.3	24.1	71.8	12.4	29.8
<b>Al2O3 (%)</b>	22.48	13.96	12.83	9.65	15.85	15.00	15.11	14.81	14.38
<b>CaO (%)</b>	0.06	3.85	2.90	0.13	0.15	1.89	0.50	4.48	1.13
<b>FeO (%)</b>	0.13	3.24	1.07	0.76	0.71	2.26	4.71	5.22	3.99
<b>K2O (%)</b>	3.59	3.15	0.51	2.70	4.93	3.69	4.41	3.29	4.31
<b>MgO (%)</b>	0.03	1.48	0.25	0.18	0.10	1.43	0.66	1.76	0.96
<b>Na2O (%)</b>	3.37	3.17	5.45	0.20	0.24	3.50	2.48	4.33	3.87
<b>P2O5 (%)</b>	0.35	0.21	0.01	0.03	0.51	0.36	0.25	0.41	0.22
<b>TiO2 (%)</b>	0.10	0.52	0.50	0.26	0.43	0.87	0.51	0.76	0.59
<b>SO3 (%)</b>	0.40	0.10	-0.03	0.08	0.83	0.08	0.60	0.05	0.08
<b>Total (%)</b>	30.50	29.67	23.47	13.98	23.75	29.07	29.23	35.09	29.53
<b>SiO2 (%)</b>	67.36	68.26	74.88	85.04	74.59	68.89	68.72	62.45	68.41
<b>Al_m</b>	0.44	0.27	0.25	0.19	0.31	0.29	0.30	0.29	0.28
<b>Ca_m</b>	0.00	0.07	0.05	0.00	0.00	0.03	0.01	0.08	0.02
<b>K_m</b>	0.08	0.07	0.01	0.06	0.10	0.08	0.09	0.07	0.09
<b>Na_m</b>	0.11	0.10	0.18	0.01	0.01	0.11	0.08	0.14	0.12
<b>K_Al</b>	0.17	0.24	0.04	0.30	0.34	0.27	0.32	0.24	0.33
<b>Na_Al</b>	0.25	0.37	0.70	0.03	0.03	0.38	0.27	0.48	0.44
<b>Plag</b>	0.25	0.62	0.90	0.05	0.03	0.50	0.30	0.76	0.51

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	300730	300724	300748	301240	301247	301251	301970	301968	301968
<b>North (NAD 27)</b>	4319820	4319827	4319853	4318939	4318947	4318952	4318786	4318791	4318793
<b>Classification</b>	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plag-KSpar	Albite-KSpar-Sericite	Albite	Albite	Albite	Albite
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	JC10-BHT402	JC10-BHT403	JC10-BHT404	JC10-BHT501	JC10-BHT502	JC10-BHT503	JC10-BHT601	JC10-BHT602	JC10-BHT603
<b>Lithology</b>	McLeod QMD	Porphyry	McLeod QMD	Bear QM	Bear QM	Bear QM	Porphyry	McLeod QMD	McLeod QMD
<b>Ag (ppm)</b>	0.11	0.04	0.15	0.05	0.02	0.02	0.02	0.03	0.04
<b>Al (%)</b>	7.7	7.46	6.83	7.02	7.73	7.32	7.34	7.55	6.7
<b>As (ppm)</b>	10.5	6.4	7.1	5.6	5.7	7.2	5.4	2.6	2.3
<b>Ba (ppm)</b>	1280	1160	1070	1280	2230	320	110	310	170
<b>Be (ppm)</b>	2.62	1.72	1.79	2.21	1.97	2.14	1.79	2	1.85
<b>Bi (ppm)</b>	0.09	0.18	0.33	0.08	0.07	0.09	0.04	0.13	0.02
<b>Ca (%)</b>	1.55	2.34	1.7	2.45	0.75	0.57	0.64	0.8	0.41
<b>Cd (ppm)</b>	0.04	0.02	0.04	0.04	-0.02	0.02	-0.02	0.02	-0.02
<b>Ce (ppm)</b>	79.5	47	46.7	41.2	80.8	55.9	26.1	30.7	12.45
<b>Co (ppm)</b>	6	2.8	4.4	10.4	10.5	12.7	1.1	3.2	0.9
<b>Cr (ppm)</b>	9	15	10	9	45	7	14	13	10
<b>Cs (ppm)</b>	1.61	0.55	0.77	2.17	1.58	0.74	0.29	1.13	0.35
<b>Cu (ppm)</b>	55.7	10.6	412	311	359	374	230	1425	175
<b>Fe (%)</b>	3.13	2.46	3.54	3.06	1.14	2.4	0.56	0.7	0.54
<b>Ga (ppm)</b>	23.2	21.8	20.3	21.7	19.25	21.8	21.1	21.2	17.65
<b>Ge (ppm)</b>	0.21	0.15	0.18	0.18	0.17	0.16	0.1	-0.05	-0.05
<b>Hf (ppm)</b>	0.8	1.1	0.7	1	1.7	0.8	0.5	0.3	0.3
<b>In (ppm)</b>	0.032	0.029	0.064	0.029	0.035	0.015	-0.005	-0.005	-0.005
<b>K (%)</b>	4.17	2.06	3.44	3.2	2.82	1.05	0.3	0.76	0.66
<b>La (ppm)</b>	40	21.8	23	19.6	41.8	26.9	12.9	13	4.5
<b>Li (ppm)</b>	6.2	4.5	4.4	4.1	11.4	10.7	6.5	7.7	4.5
<b>Mg (%)</b>	0.43	0.42	0.66	0.55	0.88	1.75	1.27	1.16	0.66
<b>Mn (ppm)</b>	775	311	660	289	130	219	66	103	63
<b>Mo (ppm)</b>	4.32	0.91	2.33	1.98	0.52	1.18	0.62	0.7	0.66
<b>Na (%)</b>	2.64	3.61	2.63	2.78	2.69	3.88	4.91	4.27	4.98
<b>Nb (ppm)</b>	10.1	4	7.6	6.2	1.4	5.3	1.5	1.9	2.1
<b>Ni (ppm)</b>	7.4	11.5	9.1	14.3	27.3	17.4	9.5	11.8	5.5
<b>P (ppm)</b>	1120	930	990	1230	1030	1210	890	1000	850
<b>Pb (ppm)</b>	10	5.1	6	8.5	2.2	2.7	2.2	3.9	2.2
<b>Rb (ppm)</b>	153.5	40.4	98.1	87.9	90.2	36	11.4	24.1	23.7
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.02	-0.01	0.01	0.01	0.02	0.01	0.02	0.02	0.01
<b>Sb (ppm)</b>	1.58	1.28	1.98	0.59	0.49	0.66	0.26	0.47	0.48

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	300730	300724	300748	301240	301247	301251	301970	301968	301968
<b>North (NAD 27)</b>	4319820	4319827	4319853	4318939	4318947	4318952	4318786	4318791	4318793
<b>Classification</b>	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plag-KSpar	Albite-KSpar-Sericite	Albite	Albite	Albite	Albite
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	JC10-BHT402	JC10-BHT403	JC10-BHT404	JC10-BHT501	JC10-BHT502	JC10-BHT503	JC10-BHT601	JC10-BHT602	JC10-BHT603
<b>Lithology</b>	McLeod QMD	Porphyry	McLeod QMD	Bear QM	Bear QM	Bear QM	Porphyry	McLeod QMD	McLeod QMD
<b>Sc (ppm)</b>	8.1	6.3	6.4	7.8	9	8.1	5.9	5.7	2.7
<b>Se (ppm)</b>	2	1	1	1	1	2	1	1	1
<b>Sn (ppm)</b>	1.1	0.8	0.9	0.9	0.5	1	1.3	1.3	1.3
<b>Sr (ppm)</b>	694	953	557	921	413	340	446	733	332
<b>Ta (ppm)</b>	0.69	0.25	0.54	0.43	0.09	0.33	0.09	0.13	0.15
<b>Te (ppm)</b>	0.13	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05	-0.05
<b>Th (ppm)</b>	33.5	7.3	22.3	11.3	8.8	10.5	6.3	6.7	3.9
<b>Ti (%)</b>	0.426	0.292	0.34	0.407	0.196	0.339	0.143	0.184	0.203
<b>Tl (ppm)</b>	0.66	0.26	0.41	0.38	0.43	0.16	0.06	0.13	0.08
<b>U (ppm)</b>	12.9	3.3	8.6	5.7	3.1	4	1.8	2.2	1.8
<b>V (ppm)</b>	98	67	81	101	79	87	66	61	44
<b>W (ppm)</b>	2.6	0.5	2.6	1.1	3.2	2.1	4.6	4.6	6.9
<b>Y (ppm)</b>	17.4	6.6	12.7	11.2	8.4	10.1	4.9	6.5	4.6
<b>Zn (ppm)</b>	82	10	43	34	13	25	6	15	6
<b>Zr (ppm)</b>	26.7	30.8	23.2	18.6	56.8	17	16.9	4.6	5.2
<b>Al2O3 (%)</b>	14.55	14.09	12.90	13.26	14.60	13.83	13.87	14.26	12.66
<b>CaO (%)</b>	2.17	3.27	2.38	3.43	1.05	0.80	0.90	1.12	0.57
<b>FeO (%)</b>	4.03	3.16	4.55	3.94	1.47	3.09	0.72	0.90	0.69
<b>K2O (%)</b>	5.02	2.48	4.15	3.86	3.40	1.27	0.36	0.92	0.80
<b>MgO (%)</b>	0.71	0.70	1.09	0.91	1.46	2.90	2.11	1.92	1.09
<b>Na2O (%)</b>	3.56	4.87	3.55	3.75	3.63	5.23	6.62	5.76	6.71
<b>P2O5 (%)</b>	0.26	0.21	0.23	0.28	0.24	0.28	0.20	0.23	0.19
<b>TiO2 (%)</b>	0.71	0.49	0.57	0.68	0.33	0.57	0.24	0.31	0.34
<b>SO3 (%)</b>	0.05	-0.03	0.03	0.03	0.05	0.03	0.05	0.05	0.03
<b>Total (%)</b>	31.05	29.25	29.44	30.12	26.21	27.98	25.06	25.46	23.09
<b>SiO2 (%)</b>	66.77	68.70	68.50	67.77	71.95	70.07	73.19	72.76	75.30
<b>Al_m</b>	0.29	0.28	0.25	0.26	0.29	0.27	0.27	0.28	0.25
<b>Ca_m</b>	0.04	0.06	0.04	0.06	0.02	0.01	0.02	0.02	0.01
<b>K_m</b>	0.11	0.05	0.09	0.08	0.07	0.03	0.01	0.02	0.02
<b>Na_m</b>	0.11	0.16	0.11	0.12	0.12	0.17	0.21	0.19	0.22
<b>K_Al</b>	0.37	0.19	0.35	0.32	0.25	0.10	0.03	0.07	0.07
<b>Na_Al</b>	0.40	0.57	0.45	0.46	0.41	0.62	0.79	0.66	0.87
<b>Plag</b>	0.54	0.78	0.62	0.70	0.47	0.67	0.84	0.74	0.91

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	302192	301281	302149	302012	301766	302150	301756	301590
<b>North (NAD 27)</b>	4322091	4318484	4319414	4319453	4319572	4319113	4319196	4319725
<b>Classification</b>	Albite-KSpar-Sericite	Plag-KSpar	Sericite-Albite	Sericite	Sericite-Albite	Sericite-Albite	Albite	Albite-KSpar-Sericite
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	JC10-BHN1	JC10-BHS1	G909151	G909152	G909153	G909154	G909155	G909156
<b>Lithology</b>	McLeod QMD	McLeod QMD	Porphyry	Porphyry	Porphyry	Porphyry	Porphyry	Porphyry
<b>Ag (ppm)</b>	-0.01	-0.01	0.02	0.04	0.14	0.28	0.05	0.02
<b>Al (%)</b>	7.3	7.09	7.41	7.48	7.25	7.53	7.56	7.33
<b>As (ppm)</b>	2.8	4.3	4.2	1.7	5	9.5	8.4	8.6
<b>Ba (ppm)</b>	1900	1150	350	1340	690	480	1450	1800
<b>Be (ppm)</b>	1.86	2.07	1.29	1.2	1.46	1.78	2.16	1.62
<b>Bi (ppm)</b>	0.1	0.13	0.74	0.22	0.58	0.17	0.45	0.29
<b>Ca (%)</b>	0.91	2.8	0.46	0.19	0.17	0.84	0.75	0.38
<b>Cd (ppm)</b>	0.02	0.03	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02
<b>Ce (ppm)</b>	51.8	47.8	32.1	12.8	21.5	41.7	40.3	42.6
<b>Co (ppm)</b>	1.6	30.9	1.4	0.9	0.7	1	1.7	0.7
<b>Cr (ppm)</b>	9	7	24	9	8	11	9	10
<b>Cs (ppm)</b>	1.26	2.22	0.74	1.19	0.91	1	0.72	0.67
<b>Cu (ppm)</b>	460	1270	84.3	47.1	34.2	379	161	53.8
<b>Fe (%)</b>	1.39	2.53	2.09	0.97	1.61	2.13	1.52	1
<b>Ga (ppm)</b>	21.1	19.55	23.9	30	21.5	26.6	23.5	20.9
<b>Ge (ppm)</b>	0.05	0.08	0.15	0.16	0.16	0.19	0.2	0.17
<b>Hf (ppm)</b>	1.1	0.9	1.9	1.3	1.4	1.1	1.2	1.3
<b>In (ppm)</b>	0.1	0.041	0.016	0.05	0.147	0.018	0.035	0.018
<b>K (%)</b>	2.72	3	1.77	3.19	1.77	1.94	1.69	2.85
<b>La (ppm)</b>	24.1	20	16.2	6.9	14	20.7	21.8	20.4
<b>Li (ppm)</b>	5.5	7.4	3	5	2.8	4.2	3.6	1.2
<b>Mg (%)</b>	0.63	0.94	0.23	0.31	0.26	0.28	0.23	0.05
<b>Mn (ppm)</b>	214	343	26	28	43	39	52	33
<b>Mo (ppm)</b>	0.68	1.57	3.23	4.92	9.83	5.09	10.1	3.43
<b>Na (%)</b>	2.5	2.42	2.04	0.86	3	2.68	3.6	3.06
<b>Nb (ppm)</b>	3.8	6.3	2.1	2.3	1.7	1.4	1.7	3.1
<b>Ni (ppm)</b>	10.3	18.7	1.6	1.7	1	1.8	2.5	0.9
<b>P (ppm)</b>	830	1050	360	550	240	520	600	230
<b>Pb (ppm)</b>	3.3	4.9	2.7	1.6	1.8	2.9	3.7	3.7
<b>Rb (ppm)</b>	93.5	68.8	73	100	76.8	98.9	48.5	82.1
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	0.002	0.002	0.002	-0.002
<b>S (%)</b>	0.02	0.01	0.17	0.02	0.05	0.23	0.02	0.03
<b>Sb (ppm)</b>	1.12	1.04	0.49	0.36	0.46	0.28	0.46	1.6

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	302192	301281	302149	302012	301766	302150	301756	301590
<b>North (NAD 27)</b>	4322091	4318484	4319414	4319453	4319572	4319113	4319196	4319725
<b>Classification</b>	Albite-KSpar-Sericite	Plag-KSpar	Sericite-Albite	Sericite	Sericite-Albite	Sericite-Albite	Albite	Albite-KSpar-Sericite
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	JC10-BHN1	JC10-BHS1	G909151	G909152	G909153	G909154	G909155	G909156
<b>Lithology</b>	McLeod QMD	McLeod QMD	Porphyry	Porphyry	Porphyry	Porphyry	Porphyry	Porphyry
<b>Sc (ppm)</b>	5.1	6.8	6.9	4.8	4.6	5.8	4.2	3.5
<b>Se (ppm)</b>	1	1	5	2	3	4	3	3
<b>Sn (ppm)</b>	0.9	1.1	2.9	5.6	0.8	3.7	0.7	0.7
<b>Sr (ppm)</b>	480	830	497	223	223	741	820	700
<b>Ta (ppm)</b>	0.27	0.4	0.15	0.19	0.14	0.1	0.13	0.23
<b>Te (ppm)</b>	-0.05	-0.05	0.77	0.21	0.76	0.08	0.59	0.67
<b>Th (ppm)</b>	13.9	6.9	6.3	8.2	7.9	8.2	8.5	8.2
<b>Ti (%)</b>	0.251	0.402	0.233	0.171	0.128	0.122	0.125	0.224
<b>Tl (ppm)</b>	0.32	0.3	0.27	0.42	0.36	0.38	0.21	0.43
<b>U (ppm)</b>	4.6	2.7	4	3.3	2.9	3.4	7.4	4.3
<b>V (ppm)</b>	72	101	71	54	45	68	43	31
<b>W (ppm)</b>	0.9	2.2	4.2	2.7	1.6	10.8	2.2	0.9
<b>Y (ppm)</b>	8	16.3	2.1	2.4	2.5	2.1	3.4	2.3
<b>Zn (ppm)</b>	14	23	-2	2	-2	-2	5	-2
<b>Zr (ppm)</b>	17.9	14.9	69.7	37	40.7	34.7	30.1	35.6
<b>Al2O3 (%)</b>	13.79	13.39	14.00	14.13	13.70	14.22	14.28	13.85
<b>CaO (%)</b>	1.27	3.92	0.64	0.27	0.24	1.18	1.05	0.53
<b>FeO (%)</b>	1.79	3.25	2.69	1.25	2.07	2.74	1.95	1.29
<b>K2O (%)</b>	3.28	3.62	2.13	3.84	2.13	2.34	2.04	3.43
<b>MgO (%)</b>	1.04	1.56	0.38	0.51	0.43	0.46	0.38	0.08
<b>Na2O (%)</b>	3.37	3.26	2.75	1.16	4.04	3.61	4.85	4.12
<b>P2O5 (%)</b>	0.19	0.24	0.08	0.13	0.05	0.12	0.14	0.05
<b>TiO2 (%)</b>	0.42	0.67	0.39	0.29	0.21	0.20	0.21	0.37
<b>SO3 (%)</b>	0.05	0.03	0.43	0.05	0.13	0.58	0.05	0.08
<b>Total (%)</b>	25.20	29.94	23.49	21.62	23.00	25.45	24.95	23.81
<b>SiO2 (%)</b>	73.03	67.97	74.87	76.87	75.38	72.77	73.30	74.53
<b>Al_m</b>	0.27	0.26	0.27	0.28	0.27	0.28	0.28	0.27
<b>Ca_m</b>	0.02	0.07	0.01	0.00	0.00	0.02	0.02	0.01
<b>K_m</b>	0.07	0.08	0.05	0.08	0.05	0.05	0.04	0.07
<b>Na_m</b>	0.11	0.11	0.09	0.04	0.13	0.12	0.16	0.13
<b>K_Al</b>	0.26	0.29	0.17	0.30	0.17	0.18	0.15	0.27
<b>Na_Al</b>	0.40	0.40	0.32	0.13	0.49	0.42	0.56	0.49
<b>Plag</b>	0.49	0.67	0.37	0.15	0.50	0.49	0.63	0.53

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	301409	301395	301179	301131	300901	300907	300741	300589
<b>North (NAD 27)</b>	4319840	4319818	4319693	4319840	4319769	4319920	4319740	4319841
<b>Classification</b>	Albite-KSpar-Sericite	Plag-KSpar	Sericite	Albite-KSpar-Sericite	Sericite	Albite-KSpar-Sericite	Albite-KSpar-Sericite	Sericite
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	G909157	G909158	G909159	G909160	G909161	G909162	G909163	G909164
<b>Lithology</b>	Porphyry	Porphyry	Porphyry	Porphyry	Porphyry	Porphyry	Porphyry	McLeod QMD?
<b>Ag (ppm)</b>	0.05	-0.01	0.01	0.03	0.27	0.07	-0.01	-0.01
<b>Al (%)</b>	7.36	7.23	7.73	6.97	6.64	7.35	6.95	7.24
<b>As (ppm)</b>	6.9	7.7	7.7	5.6	11.5	6.2	4.5	5
<b>Ba (ppm)</b>	2430	1620	430	1810	590	1420	2100	370
<b>Be (ppm)</b>	1.92	1.74	2.16	1.9	0.94	1.94	1.68	0.25
<b>Bi (ppm)</b>	0.45	0.25	0.57	0.33	1.4	0.59	0.61	0.11
<b>Ca (%)</b>	0.79	2.32	0.23	0.34	0.11	0.22	0.24	0.15
<b>Cd (ppm)</b>	0.02	0.04	-0.02	0.04	0.02	0.04	0.02	-0.02
<b>Ce (ppm)</b>	44.7	46.2	34.6	33.5	34	28.2	23.9	51.4
<b>Co (ppm)</b>	1.8	2.4	0.9	1	0.3	0.5	0.6	0.2
<b>Cr (ppm)</b>	10	13	9	11	9	10	8	10
<b>Cs (ppm)</b>	0.75	0.73	1.25	0.71	0.72	1.4	0.72	0.7
<b>Cu (ppm)</b>	19.3	152	37.6	40	18.9	42.9	10	14.9
<b>Fe (%)</b>	1.57	1.9	2.05	1.52	1.57	2.03	1.19	0.29
<b>Ga (ppm)</b>	21.1	21.1	26.5	20.8	28.5	20.8	18.7	14.7
<b>Ge (ppm)</b>	0.19	0.2	0.21	0.17	0.18	0.16	0.18	0.17
<b>Hf (ppm)</b>	1.4	1.4	1.1	1.7	1.5	1.3	1.4	0.9
<b>In (ppm)</b>	0.038	0.023	0.043	0.043	0.113	0.03	0.005	-0.005
<b>K (%)</b>	3.27	2.51	2.87	2.46	3.28	2.87	2.98	2.7
<b>La (ppm)</b>	24.1	22.6	18.3	18.5	20.8	17.2	14.7	23.7
<b>Li (ppm)</b>	2.7	3.9	7.3	1.9	2.7	5.5	1.7	0.7
<b>Mg (%)</b>	0.15	0.36	0.68	0.12	0.14	0.37	0.06	0.03
<b>Mn (ppm)</b>	107	340	40	79	61	97	48	19
<b>Mo (ppm)</b>	3.73	2.05	6.46	2.58	2.08	1.65	1.63	2.51
<b>Na (%)</b>	2.69	2.74	1.06	3.6	0.09	1.77	3.51	0.14
<b>Nb (ppm)</b>	3.2	3.6	5	3	2.5	2.5	2.6	4.1
<b>Ni (ppm)</b>	3.5	8.9	4.3	1.7	0.5	1	0.9	0.4
<b>P (ppm)</b>	600	1040	400	380	700	410	330	1710
<b>Pb (ppm)</b>	4.5	8.5	2.8	5.3	6.3	4	4.3	12.4
<b>Rb (ppm)</b>	96.9	66.6	142	77.8	114.5	104	92.8	92.8
<b>Re (ppm)</b>	-0.002	0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.01	0.02	0.1	0.09	0.51	0.12	0.12	0.18
<b>Sb (ppm)</b>	1.08	1.92	1.67	0.71	4.75	0.87	0.77	13.9

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	301409	301395	301179	301131	300901	300907	300741	300589
<b>North (NAD 27)</b>	4319840	4319818	4319693	4319840	4319769	4319920	4319740	4319841
<b>Classification</b>	Albite-KSpar-Sericite	Plag-KSpar	Sericite	Albite-KSpar-Sericite	Sericite	Albite-KSpar-Sericite	Albite-KSpar-Sericite	Sericite
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	G909157	G909158	G909159	G909160	G909161	G909162	G909163	G909164
<b>Lithology</b>	Porphyry	Porphyry	Porphyry	Porphyry	Porphyry	Porphyry	Porphyry	McLeod QMD?
<b>Sc (ppm)</b>	4.5	5.4	9.2	4.8	4.8	4.6	3.7	3.9
<b>Se (ppm)</b>	2	2	5	2	4	5	2	3
<b>Sn (ppm)</b>	0.7	0.8	1.8	0.6	1.2	0.6	0.6	1.3
<b>Sr (ppm)</b>	759	1050	179.5	505	89.2	263	432	2530
<b>Ta (ppm)</b>	0.24	0.27	0.36	0.23	0.2	0.19	0.2	0.27
<b>Te (ppm)</b>	0.23	0.14	0.65	0.48	4.01	3.99	0.28	0.15
<b>Th (ppm)</b>	8.8	8	17.4	8.3	7.9	6.4	7.5	12
<b>Ti (%)</b>	0.219	0.272	0.326	0.228	0.184	0.206	0.182	0.382
<b>Tl (ppm)</b>	0.54	0.41	0.53	0.41	0.78	0.53	0.46	0.47
<b>U (ppm)</b>	4.5	3.6	7.7	4	2.8	2.6	3.1	2.5
<b>V (ppm)</b>	46	59	114	47	48	50	30	126
<b>W (ppm)</b>	1.1	1	6.2	1.1	1	1.8	1.4	6.8
<b>Y (ppm)</b>	5.4	7.3	5.6	3.2	3.6	2.5	2.5	2.8
<b>Zn (ppm)</b>	6	20	5	5	2	5	2	-2
<b>Zr (ppm)</b>	38.5	41	32.8	48.7	39.9	36.5	37.2	31.2
<b>Al2O3 (%)</b>	13.90	13.66	14.60	13.17	12.54	13.88	13.13	13.68
<b>CaO (%)</b>	1.11	3.25	0.32	0.48	0.15	0.31	0.34	0.21
<b>FeO (%)</b>	2.02	2.44	2.64	1.95	2.02	2.61	1.53	0.37
<b>K2O (%)</b>	3.94	3.02	3.46	2.96	3.95	3.46	3.59	3.25
<b>MgO (%)</b>	0.25	0.60	1.13	0.20	0.23	0.61	0.10	0.05
<b>Na2O (%)</b>	3.63	3.69	1.43	4.85	0.12	2.39	4.73	0.19
<b>P2O5 (%)</b>	0.14	0.24	0.09	0.09	0.16	0.09	0.08	0.39
<b>TiO2 (%)</b>	0.37	0.45	0.54	0.38	0.31	0.34	0.30	0.64
<b>SO3 (%)</b>	0.03	0.05	0.25	0.23	1.28	0.30	0.30	0.45
<b>Total (%)</b>	25.37	27.40	24.46	24.31	20.76	24.00	24.10	19.23
<b>SiO2 (%)</b>	72.85	70.68	73.83	73.99	77.78	74.32	74.22	79.42
<b>Al_m</b>	0.27	0.27	0.29	0.26	0.25	0.27	0.26	0.27
<b>Ca_m</b>	0.02	0.06	0.01	0.01	0.00	0.01	0.01	0.00
<b>K_m</b>	0.08	0.06	0.07	0.06	0.08	0.07	0.08	0.07
<b>Na_m</b>	0.12	0.12	0.05	0.16	0.00	0.08	0.15	0.01
<b>K_Al</b>	0.31	0.24	0.26	0.24	0.34	0.27	0.30	0.26
<b>Na_Al</b>	0.43	0.44	0.16	0.61	0.02	0.28	0.59	0.02
<b>Plag</b>	0.50	0.66	0.18	0.64	0.03	0.30	0.62	0.04

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	300580	300559	300553	301063	301465	301464	301561	302012	302011
<b>North (NAD 27)</b>	4319816	4319775	4319798	4319919	4319427	4318659	4318665	4319450	4319452
<b>Classification</b>	Sericite	Plag-KSpar	Pyroph/Alun/Topaz	Plag-KSpar	Sericite	Sericite-Albite	Plagioclase	Albite	Sericite-Albite
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	G909165	G909166	G909167	G909168	G909169	G909170	G909171	JC10-BHT101	JC10-BHT102
<b>Lithology</b>	Artesia Lake	McLeod QMD	McLeod QMD?	Porphyry	Bear QM	Porphyry	Porphyry	Porphyry	Porphyry
<b>Ag (ppm)</b>	-0.01	0.04	-0.01	0.01	0.02	0.23	0.85	0.02	0.04
<b>Al (%)</b>	8.43	8.03	7.13	7.39	7.05	7.74	6.99	7.72	8.16
<b>As (ppm)</b>	3.9	9.3	11.9	6.2	8	5.6	3.2	3.6	1.3
<b>Ba (ppm)</b>	660	1140	1340	1440	340	1010	250	950	980
<b>Be (ppm)</b>	1.7	2.23	0.22	1.8	1.19	2.38	2.09	2.03	1.56
<b>Bi (ppm)</b>	0.08	0.05	0.05	0.2	2.13	0.8	0.33	0.43	1.09
<b>Ca (%)</b>	0.26	3.11	0.25	1.75	0.08	0.37	1.76	1.11	0.24
<b>Cd (ppm)</b>	0.02	0.07	0.02	0.02	-0.02	-0.02	-0.02	-0.02	-0.02
<b>Ce (ppm)</b>	28.9	60.7	58.3	51.1	23	40.1	43.3	37.4	36.8
<b>Co (ppm)</b>	8.5	23.2	0.9	5.9	0.5	3.4	1.8	0.9	0.9
<b>Cr (ppm)</b>	7	13	10	13	10	11	11	7	8
<b>Cs (ppm)</b>	0.78	0.67	0.17	1.06	0.65	1.43	0.7	0.71	1.75
<b>Cu (ppm)</b>	54	113	22.4	67.8	41.3	263	314	84.6	143.5
<b>Fe (%)</b>	5.83	4.58	1.28	2.14	1.07	1.45	1.12	1.18	2.31
<b>Ga (ppm)</b>	21.2	26	13.65	21.4	18.95	24.8	21.5	20.9	30.1
<b>Ge (ppm)</b>	0.17	0.27	0.17	0.2	0.14	0.18	0.17	-0.05	0.09
<b>Hf (ppm)</b>	0.7	1.2	0.9	1.5	1.4	1.2	1.1	1.5	1.7
<b>In (ppm)</b>	0.059	0.043	-0.005	0.03	0.067	0.051	0.059	0.033	0.072
<b>K (%)</b>	1.84	2.27	0.66	2.31	2.95	2.07	0.43	1.01	2.66
<b>La (ppm)</b>	14.6	28.5	28.4	25.6	13.9	22.3	21.2	18.3	20.3
<b>Li (ppm)</b>	24.4	5.7	80.7	6.8	11.8	4.1	4.4	3.6	4.8
<b>Mg (%)</b>	3.86	1.47	0.05	0.63	0.41	0.39	0.51	0.23	0.36
<b>Mn (ppm)</b>	545	872	43	337	25	41	84	30	28
<b>Mo (ppm)</b>	1.38	2.41	12.05	0.95	4.11	53.8	7.59	3.92	3.84
<b>Na (%)</b>	0.1	3.34	0.28	3.5	0.22	2.69	3.32	3.49	1.75
<b>Nb (ppm)</b>	2.1	5	2.6	3.6	1.9	1.8	1.5	1.8	2
<b>Ni (ppm)</b>	13.5	23.7	0.8	10.5	1.4	3.3	4.1	2.6	2.1
<b>P (ppm)</b>	1280	1790	1910	980	140	430	520	740	450
<b>Pb (ppm)</b>	1.6	8.8	28.9	4.2	1.3	2.2	3.9	3.1	3.1
<b>Rb (ppm)</b>	42.2	73.2	11.5	58.4	105	90.5	18.2	29.4	106
<b>Re (ppm)</b>	-0.002	0.004	0.002	-0.002	-0.002	0.003	0.002	-0.002	-0.002
<b>S (%)</b>	0.04	0.05	1.43	0.02	0.2	0.01	0.02	0.01	0.02
<b>Sb (ppm)</b>	4.46	2.39	10.55	3.04	0.86	0.48	0.65	0.93	0.31

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	300580	300559	300553	301063	301465	301464	301561	302012	302011
<b>North (NAD 27)</b>	4319816	4319775	4319798	4319919	4319427	4318659	4318665	4319450	4319452
<b>Classification</b>	Sericite	Plag-KSpar	Pyroph/Alun/Topaz	Plag-KSpar	Sericite	Sericite-Albite	Plagioclase	Albite	Sericite-Albite
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	G909165	G909166	G909167	G909168	G909169	G909170	G909171	JC10-BHT101	JC10-BHT102
<b>Lithology</b>	Artesia Lake	McLeod QMD	McLeod QMD?	Porphyry	Bear QM	Porphyry	Porphyry	Porphyry	Porphyry
<b>Sc (ppm)</b>	9.5	12.9	2.7	6.2	5.3	5.8	4.4	4.1	5.1
<b>Se (ppm)</b>	2	2	4	2	3	2	2	2	9
<b>Sn (ppm)</b>	0.7	1.1	0.6	0.8	1.2	1.2	0.8	0.9	4.5
<b>Sr (ppm)</b>	119	1020	2520	846	68.9	589	1280	969	386
<b>Ta (ppm)</b>	0.15	0.35	0.19	0.25	0.14	0.14	0.12	0.14	0.16
<b>Te (ppm)</b>	0.09	-0.05	0.47	-0.05	1.67	0.56	0.22	0.39	0.96
<b>Th (ppm)</b>	7.6	14	16.7	7.8	4.1	8.3	7.7	7.4	7.5
<b>Ti (%)</b>	0.263	0.435	0.209	0.287	0.166	0.162	0.127	0.156	0.18
<b>Tl (ppm)</b>	0.3	0.25	0.06	0.52	0.55	0.32	0.07	0.14	0.48
<b>U (ppm)</b>	3	4.8	2.5	3	2.2	3.3	3.2	3.9	2.9
<b>V (ppm)</b>	163	148	103	66	57	58	45	44	58
<b>W (ppm)</b>	0.9	2.4	7.7	0.7	3.2	13.1	6.7	1.8	3
<b>Y (ppm)</b>	6.6	14.6	2.7	7.1	2.3	3	6.7	2.7	1.8
<b>Zn (ppm)</b>	59	72	-2	17	-2	4	6	5	2
<b>Zr (ppm)</b>	22.2	34.4	28.6	45.9	40.8	36.9	35.2	32.6	35.7
<b>Al2O3 (%)</b>	15.92	15.17	13.47	13.96	13.32	14.62	13.20	14.58	15.41
<b>CaO (%)</b>	0.36	4.35	0.35	2.45	0.11	0.52	2.46	1.55	0.34
<b>FeO (%)</b>	7.50	5.89	1.65	2.75	1.38	1.86	1.44	1.52	2.97
<b>K2O (%)</b>	2.22	2.74	0.80	2.78	3.55	2.49	0.52	1.22	3.21
<b>MgO (%)</b>	6.40	2.44	0.08	1.04	0.68	0.65	0.85	0.38	0.60
<b>Na2O (%)</b>	0.13	4.50	0.38	4.72	0.30	3.63	4.48	4.70	2.36
<b>P2O5 (%)</b>	0.29	0.41	0.44	0.22	0.03	0.10	0.12	0.17	0.10
<b>TiO2 (%)</b>	0.44	0.73	0.35	0.48	0.28	0.27	0.21	0.26	0.30
<b>SO3 (%)</b>	0.10	0.13	3.58	0.05	0.50	0.03	0.05	0.03	0.05
<b>Total (%)</b>	33.37	36.35	21.08	28.46	20.15	24.16	23.33	24.41	25.34
<b>SiO2 (%)</b>	64.29	61.11	77.44	69.55	78.44	74.14	75.04	73.88	72.89
<b>Al_m</b>	0.31	0.30	0.26	0.27	0.26	0.29	0.26	0.29	0.30
<b>Ca_m</b>	0.01	0.08	0.01	0.04	0.00	0.01	0.04	0.03	0.01
<b>K_m</b>	0.05	0.06	0.02	0.06	0.08	0.05	0.01	0.03	0.07
<b>Na_m</b>	0.00	0.15	0.01	0.15	0.01	0.12	0.14	0.15	0.08
<b>K_Al</b>	0.15	0.20	0.06	0.22	0.29	0.19	0.04	0.09	0.23
<b>Na_Al</b>	0.01	0.49	0.05	0.56	0.04	0.41	0.56	0.53	0.25
<b>Plag</b>	0.03	0.75	0.07	0.72	0.04	0.44	0.73	0.63	0.27

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	302007	302007	302004	302001	301998	301991	301991	301991	301990
<b>North (NAD 27)</b>	4319456	4319457	4319462	4319469	4319476	4319484	4319487	4319487	4319493
<b>Classification</b>	Plag-KSpar	Albite-KSpar-Sericite	Plag-KSpar	Plag-KSpar	Albite	Albite	Sericite	Albite	Plag-KSpar
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	JC10-BHT104	JC10-BHT105	JC10-BHT106	JC10-BHT111	JC10-BHT114	JC10-BHT117	JC10-BHT119A	JC10-BHT119B	JC10-BHT120A
<b>Lithology</b>	Bear QM	Bear QM	Bear QM	Bear QM	Porphyry	Porphyry	Bear QM	Bear QM	Bear QM
<b>Ag (ppm)</b>	0.06	0.07	0.03	0.05	0.05	0.01	0.05	0.02	0.01
<b>Al (%)</b>	7.87	8.59	8.21	8.29	8.07	8.6	6.19	6.1	8.14
<b>As (ppm)</b>	1.4	1.8	1.2	5	2.1	1.8	1.3	5.1	6.5
<b>Ba (ppm)</b>	1390	1950	1610	1440	1390	1000	730	300	970
<b>Be (ppm)</b>	1.86	1.92	2.05	1.92	2.01	2.16	2.14	2.52	2.05
<b>Bi (ppm)</b>	0.88	0.7	0.2	0.88	0.23	0.49	0.08	0.06	0.13
<b>Ca (%)</b>	1.62	0.96	1.7	3.23	0.62	0.94	0.31	0.77	1.28
<b>Cd (ppm)</b>	0.02	-0.02	0.02	0.02	-0.02	-0.02	-0.02	0.02	-0.02
<b>Ce (ppm)</b>	54.6	42.1	63.9	51.6	34.8	47.6	4.38	8.74	50.2
<b>Co (ppm)</b>	2.5	2	2	4.1	0.6	0.8	0.3	0.6	0.5
<b>Cr (ppm)</b>	12	7	12	13	8	16	4	5	12
<b>Cs (ppm)</b>	0.85	0.93	0.94	0.96	0.44	0.66	1.1	0.44	1.03
<b>Cu (ppm)</b>	146	85.9	187	135.5	27.1	30.7	12	9.4	29.9
<b>Fe (%)</b>	1.54	1.34	1.76	2.33	0.96	0.97	0.64	0.92	1.73
<b>Ga (ppm)</b>	21.8	22	21.9	25.9	20.4	24.2	17	16.75	22.8
<b>Ge (ppm)</b>	0.14	0.17	0.2	0.16	0.11	0.13	0.11	0.09	-0.05
<b>Hf (ppm)</b>	1.1	1.2	1.1	1.2	1.3	2.2	1.2	1.1	1.1
<b>In (ppm)</b>	0.214	0.101	0.062	0.528	0.069	0.172	0.052	0.006	0.047
<b>K (%)</b>	2.58	2.7	2.64	2.44	1.3	0.82	4.42	0.67	2.76
<b>La (ppm)</b>	27.3	22.1	31.4	25.7	17.3	24.5	3.8	4.3	24.1
<b>Li (ppm)</b>	2.7	1.6	4.7	3.4	2.2	3.5	0.5	1.4	5.8
<b>Mg (%)</b>	0.39	0.07	0.48	0.46	0.14	0.27	0.02	0.03	0.41
<b>Mn (ppm)</b>	118	54	118	214	38	71	51	94	111
<b>Mo (ppm)</b>	2.32	5.38	1.66	2.99	1.81	2	6.18	0.96	1.34
<b>Na (%)</b>	3.14	3.16	3.12	3	4.47	4.45	1.97	3.7	3.4
<b>Nb (ppm)</b>	3.9	3.7	4.6	4.6	2.5	3.2	0.8	1	3.8
<b>Ni (ppm)</b>	6.5	3.1	8.8	12	1.9	3.5	1	1.2	5.4
<b>P (ppm)</b>	600	490	880	950	380	320	70	120	380
<b>Pb (ppm)</b>	8	8.7	7.3	6.8	3.3	3.1	4.7	3.2	4.6
<b>Rb (ppm)</b>	59.1	59.7	64.4	61.9	31.1	21.2	124.5	17.4	87.7
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.01	0.02	0.01	0.01	0.02	0.04	0.01	0.02	0.01
<b>Sb (ppm)</b>	0.86	0.44	0.58	2.37	0.41	1	0.28	0.2	0.88

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	302007	302007	302004	302001	301998	301991	301991	301991	301990
<b>North (NAD 27)</b>	4319456	4319457	4319462	4319469	4319476	4319484	4319487	4319487	4319493
<b>Classification</b>	Plag-KSpar	Albite-KSpar-Sericite	Plag-KSpar	Plag-KSpar	Albite	Albite	Sericite	Albite	Plag-KSpar
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	JC10-BHT104	JC10-BHT105	JC10-BHT106	JC10-BHT111	JC10-BHT114	JC10-BHT117	JC10-BHT119A	JC10-BHT119B	JC10-BHT120A
<b>Lithology</b>	Bear QM	Bear QM	Bear QM	Bear QM	Porphyry	Porphyry	Bear QM	Bear QM	Bear QM
<b>Sc (ppm)</b>	5.8	4.6	6.2	7.2	5	7	0.6	0.5	6
<b>Se (ppm)</b>	2	2	2	2	2	1	2	1	1
<b>Sn (ppm)</b>	1.5	1.2	1	1.3	0.6	1.1	0.5	0.4	1
<b>Sr (ppm)</b>	1020	994	1070	1230	716	854	350	543	854
<b>Ta (ppm)</b>	0.3	0.29	0.36	0.33	0.18	0.21	0.08	0.09	0.33
<b>Te (ppm)</b>	0.51	0.55	0.06	0.44	0.21	0.24	0.17	-0.05	0.13
<b>Th (ppm)</b>	9.8	9.8	12.4	9.4	6.9	5.9	11.5	17.9	10
<b>Ti (%)</b>	0.306	0.293	0.325	0.349	0.219	0.339	0.055	0.051	0.297
<b>Tl (ppm)</b>	0.26	0.25	0.28	0.2	0.13	0.09	0.33	0.08	0.31
<b>U (ppm)</b>	7.1	6.1	6.1	8.5	3.6	9.7	2.5	2.1	6.4
<b>V (ppm)</b>	60	36	64	105	39	43	5	6	68
<b>W (ppm)</b>	0.9	1.6	1.5	1.1	0.6	1.7	1.1	1	1.5
<b>Y (ppm)</b>	7	1.9	14.7	8.1	2.1	2.7	0.3	0.9	7.9
<b>Zn (ppm)</b>	11	8	13	16	-2	2	-2	-2	3
<b>Zr (ppm)</b>	16.9	18.4	15.7	17.5	24.8	61.9	26.1	23.6	16.5
<b>Al2O3 (%)</b>	14.87	16.23	15.51	15.66	15.24	16.25	11.69	11.52	15.38
<b>CaO (%)</b>	2.27	1.34	2.38	4.52	0.87	1.32	0.43	1.08	1.79
<b>FeO (%)</b>	1.98	1.72	2.26	3.00	1.23	1.25	0.82	1.18	2.22
<b>K2O (%)</b>	3.11	3.25	3.18	2.94	1.57	0.99	5.33	0.81	3.33
<b>MgO (%)</b>	0.65	0.12	0.80	0.76	0.23	0.45	0.03	0.05	0.68
<b>Na2O (%)</b>	4.23	4.26	4.21	4.04	6.03	6.00	2.66	4.99	4.58
<b>P2O5 (%)</b>	0.14	0.11	0.20	0.22	0.09	0.07	0.02	0.03	0.09
<b>TiO2 (%)</b>	0.51	0.49	0.54	0.58	0.37	0.57	0.09	0.09	0.50
<b>SO3 (%)</b>	0.03	0.05	0.03	0.03	0.05	0.10	0.03	0.05	0.03
<b>Total (%)</b>	27.77	27.57	29.10	31.75	25.67	26.98	21.10	19.79	28.59
<b>SiO2 (%)</b>	70.28	70.50	68.86	66.03	72.53	71.13	77.43	78.82	69.41
<b>Al_m</b>	0.29	0.32	0.30	0.31	0.30	0.32	0.23	0.23	0.30
<b>Ca_m</b>	0.04	0.02	0.04	0.08	0.02	0.02	0.01	0.02	0.03
<b>K_m</b>	0.07	0.07	0.07	0.06	0.03	0.02	0.11	0.02	0.07
<b>Na_m</b>	0.14	0.14	0.14	0.13	0.19	0.19	0.09	0.16	0.15
<b>K_Al</b>	0.23	0.22	0.22	0.20	0.11	0.07	0.49	0.08	0.23
<b>Na_Al</b>	0.47	0.43	0.45	0.42	0.65	0.61	0.37	0.71	0.49
<b>Plag</b>	0.61	0.51	0.59	0.69	0.70	0.68	0.41	0.80	0.60

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	301990	301987	301985	301984	301984	301357	301367	301369
<b>North (NAD 27)</b>	4319493	4319499	4319502	4319505	4319516	4319784	4319794	4319797
<b>Classification</b>	Plag-KSpar	Plag-KSpar	Albite-KSpar-Sericite	Albite	Albite	Albite-KSpar-Sericite	Plag-KSpar	Plag-KSpar
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	JC10-BHT120B	JC10-BHT123	JC10-BHT1WD	JC10-BHT125	JC10-BHT126	JC10-BHT201	JC10-BHT202	JC10-BHT203
<b>Lithology</b>	Bear QM	Bear QM	Bear QM	Bear QM	Bear QM	Porphyry	McLeod QMD	Porphyry
<b>Ag (ppm)</b>	0.03	0.03	0.02	0.02	0.01	0.1	0.14	0.01
<b>Al (%)</b>	7.95	7.83	6.74	7.8	7.66	7.97	8.63	7.65
<b>As (ppm)</b>	3.5	2.7	4.2	2	1.2	2.8	2.9	15.8
<b>Ba (ppm)</b>	1510	1530	1730	370	310	2280	950	2110
<b>Be (ppm)</b>	2	1.89	1.53	2.59	2.4	1.8	2.4	1.85
<b>Bi (ppm)</b>	0.06	0.05	0.16	0.2	0.07	0.81	0.1	0.44
<b>Ca (%)</b>	1.79	1.52	0.91	1.07	0.63	1.15	2.16	2.76
<b>Cd (ppm)</b>	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	0.02	0.02
<b>Ce (ppm)</b>	48.1	64.3	31.2	76.2	17.9	52.4	84.9	50.8
<b>Co (ppm)</b>	4.2	1.9	1.5	0.6	0.8	1.5	7.4	1.7
<b>Cr (ppm)</b>	14	10	12	13	9	9	9	8
<b>Cs (ppm)</b>	1.07	1.06	0.74	1.1	0.96	0.62	1.86	1.29
<b>Cu (ppm)</b>	26.8	71.8	20.7	57.7	14.3	27.9	686	130.5
<b>Fe (%)</b>	2.03	1.72	0.82	1.01	0.92	1.83	3.2	2.17
<b>Ga (ppm)</b>	21.2	21	14.5	22.2	18.75	19.95	23.7	21
<b>Ge (ppm)</b>	0.14	0.19	0.1	0.14	0.09	0.14	0.23	0.13
<b>Hf (ppm)</b>	1.2	1.2	2.6	0.8	1	2	0.9	1.6
<b>In (ppm)</b>	0.033	0.033	0.018	0.021	0.009	0.04	0.044	0.043
<b>K (%)</b>	2.99	2.82	2.96	0.84	0.83	3.45	2.52	3.11
<b>La (ppm)</b>	24	29.4	19.2	37.3	9.5	26.9	39.3	25.3
<b>Li (ppm)</b>	3.2	1.9	2.7	3.4	3.4	3.1	4.8	4.9
<b>Mg (%)</b>	0.43	0.13	0.16	0.32	0.3	0.2	0.76	0.51
<b>Mn (ppm)</b>	182	111	103	43	58	130	188	476
<b>Mo (ppm)</b>	2.11	1.3	0.95	1.16	1.02	3.73	3.99	1.13
<b>Na (%)</b>	3.17	3.02	2.68	3.64	4.07	2.93	3.22	2.04
<b>Nb (ppm)</b>	4.5	4.3	5	2.3	2.2	3.5	8.8	3.8
<b>Ni (ppm)</b>	8	5.6	1.7	3.2	3.7	4.1	13.6	7.6
<b>P (ppm)</b>	440	410	80	550	200	720	1460	890
<b>Pb (ppm)</b>	9	7.9	3.4	5.2	3.3	5.6	9.8	11
<b>Rb (ppm)</b>	90.2	76.5	82.4	28.9	33.9	97.3	87.7	108
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	0.002	-0.002
<b>S (%)</b>	0.01	0.01	0.01	0.01	0.01	0.07	0.01	-0.01
<b>Sb (ppm)</b>	0.34	0.43	0.73	0.4	0.25	1.29	1.16	2.77

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	301990	301987	301985	301984	301984	301357	301367	301369
<b>North (NAD 27)</b>	4319493	4319499	4319502	4319505	4319516	4319784	4319794	4319797
<b>Classification</b>	Plag-KSpar	Plag-KSpar	Albite-KSpar-Sericite	Albite	Albite	Albite-KSpar-Sericite	Plag-KSpar	Plag-KSpar
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	JC10-BHT120B	JC10-BHT123	JC10-BHT1WD	JC10-BHT125	JC10-BHT126	JC10-BHT201	JC10-BHT202	JC10-BHT203
<b>Lithology</b>	Bear QM	Bear QM	Bear QM	Bear QM	Bear QM	Porphyry	McLeod QMD	Porphyry
<b>Sc (ppm)</b>	5.9	5.7	2.4	5.9	3.8	6	9.9	5.5
<b>Se (ppm)</b>	2	2	2	1	1	2	2	1
<b>Sn (ppm)</b>	1.1	0.9	0.6	0.8	0.5	0.8	2.1	0.8
<b>Sr (ppm)</b>	1010	1020	671	1020	708	982	892	1360
<b>Ta (ppm)</b>	0.35	0.33	0.49	0.13	0.16	0.23	0.56	0.26
<b>Te (ppm)</b>	-0.05	-0.05	-0.05	0.19	0.07	0.59	0.1	0.2
<b>Th (ppm)</b>	10.6	10.5	14	11.1	11.3	7.6	22.3	7.9
<b>Ti (%)</b>	0.294	0.305	0.119	0.174	0.168	0.305	0.543	0.294
<b>Tl (ppm)</b>	0.29	0.27	0.31	0.11	0.12	0.59	0.38	0.73
<b>U (ppm)</b>	5.3	8.7	7.7	5.4	2.9	3.5	11.1	3.6
<b>V (ppm)</b>	61	61	17	38	31	64	128	62
<b>W (ppm)</b>	1.3	1.1	0.8	1.5	1.8	0.7	1.3	1
<b>Y (ppm)</b>	7.4	9.3	6	4.9	3.1	6.1	18.4	7.7
<b>Zn (ppm)</b>	13	5	-2	11	3	4	26	32
<b>Zr (ppm)</b>	18	17	63.3	16.4	17.2	46.6	13.9	43.3
<b>Al2O3 (%)</b>	15.02	14.79	12.73	14.73	14.47	15.06	16.30	14.45
<b>CaO (%)</b>	2.50	2.13	1.27	1.50	0.88	1.61	3.02	3.86
<b>FeO (%)</b>	2.61	2.21	1.05	1.30	1.18	2.35	4.12	2.79
<b>K2O (%)</b>	3.60	3.40	3.57	1.01	1.00	4.16	3.04	3.75
<b>MgO (%)</b>	0.71	0.22	0.27	0.53	0.50	0.33	1.26	0.85
<b>Na2O (%)</b>	4.27	4.07	3.61	4.91	5.49	3.95	4.34	2.75
<b>P2O5 (%)</b>	0.10	0.09	0.02	0.13	0.05	0.16	0.33	0.20
<b>TiO2 (%)</b>	0.49	0.51	0.20	0.29	0.28	0.51	0.91	0.49
<b>SO3 (%)</b>	0.03	0.03	0.03	0.03	0.03	0.18	0.03	-0.03
<b>Total (%)</b>	29.34	27.44	22.75	24.42	23.87	28.30	33.34	29.12
<b>SiO2 (%)</b>	68.61	70.64	75.66	73.87	74.46	69.71	64.32	68.85
<b>Al_m</b>	0.29	0.29	0.25	0.29	0.28	0.30	0.32	0.28
<b>Ca_m</b>	0.04	0.04	0.02	0.03	0.02	0.03	0.05	0.07
<b>K_m</b>	0.08	0.07	0.08	0.02	0.02	0.09	0.06	0.08
<b>Na_m</b>	0.14	0.13	0.12	0.16	0.18	0.13	0.14	0.09
<b>K_Al</b>	0.26	0.25	0.30	0.07	0.08	0.30	0.20	0.28
<b>Na_Al</b>	0.47	0.45	0.47	0.55	0.62	0.43	0.44	0.31
<b>Plag</b>	0.62	0.58	0.56	0.64	0.68	0.53	0.61	0.56

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	301373	301374	301379	300841	300839	301823	301923	301933
<b>North (NAD 27)</b>	4319801	4319802	4319806	4319751	4319759	4319763	4321923	4319914
<b>Classification</b>	Albite-KSpar-Sericite	Plag-KSpar	Sericite-Albite	Albite-KSpar-Sericite	Plag-KSpar	Albite	Albite	Albite
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	JC10-BHT204	JC10-BHT205	JC10-BHT206	JC10-BHT301	JC10-BHT302	H437001	H437002	H437003
<b>Lithology</b>	Tourmaline breccia	McLeod QMD	McLeod QMD	Porphyry	McLeod QMD	Bear (graphic txt.)	Vein	Porphyry
<b>Ag (ppm)</b>	0.43	0.1	0.14	0.03	0.04	0.1	0.09	0.05
<b>Al (%)</b>	5.85	8.05	7.49	7.63	9.03	6.23	5.76	6.11
<b>As (ppm)</b>	14.3	4.4	6.9	2.9	5.4	4.8	2.7	2.4
<b>Ba (ppm)</b>	510	1130	650	1550	1260	430	180	280
<b>Be (ppm)</b>	1.37	2.19	1.86	1.67	2.14	1.53	2.25	2.46
<b>Bi (ppm)</b>	6.36	0.12	1.56	0.69	0.15	0.93	0.17	0.71
<b>Ca (%)</b>	0.21	2.62	0.45	0.31	2.89	0.31	0.25	0.65
<b>Cd (ppm)</b>	-0.02	0.04	-0.02	-0.02	0.03	0.04	0.02	0.05
<b>Ce (ppm)</b>	162.5	83.7	15.85	23.7	63.3	22.8	17.5	24
<b>Co (ppm)</b>	1	7.3	1.1	1.3	7	1.1	0.6	0.6
<b>Cr (ppm)</b>	4	6	7	8	8	4	10	7
<b>Cs (ppm)</b>	1.18	1.27	0.67	0.82	1.37	0.68	0.42	0.55
<b>Cu (ppm)</b>	272	462	45.4	22.6	36	103.5	8.2	23.4
<b>Fe (%)</b>	7.33	3.12	2.31	1.45	3.9	1.91	0.81	0.77
<b>Ga (ppm)</b>	19.85	22.5	26.9	19.65	24.5	17.95	15.15	17.2
<b>Ge (ppm)</b>	0.21	0.18	0.06	0.07	0.18	0.11	0.05	-0.05
<b>Hf (ppm)</b>	0.4	0.7	0.6	1.8	0.9	0.6	0.8	0.9
<b>In (ppm)</b>	0.103	0.061	0.077	0.026	0.039	0.029	0.024	0.041
<b>K (%)</b>	2.15	2.59	1.93	2.62	2.8	1.23	0.69	0.67
<b>La (ppm)</b>	81.7	41.6	8.8	11.8	31.1	12.5	9.1	13
<b>Li (ppm)</b>	18.6	3.9	7.4	2	2.9	2.1	1.1	3
<b>Mg (%)</b>	0.56	0.8	0.71	0.07	1.07	0.16	0.09	0.19
<b>Mn (ppm)</b>	55	282	74	40	330	34	42	47
<b>Mo (ppm)</b>	7.44	1.91	3.89	2.5	1.16	3.31	0.94	2.15
<b>Na (%)</b>	1.53	2.88	2.04	3.86	3.75	3.91	4.14	3.57
<b>Nb (ppm)</b>	3.4	8.1	5	3.2	5.6	4.5	1.9	2.2
<b>Ni (ppm)</b>	2.7	13.5	4.8	2.9	13.6	0.6	1	1
<b>P (ppm)</b>	1940	1550	440	310	1750	510	220	350
<b>Pb (ppm)</b>	7	18.3	18	3.5	6	6.8	5.1	3.7
<b>Rb (ppm)</b>	105	80.7	78.3	78.7	111	52.1	28	25.8
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	1.45	0.01	0.34	0.04	0.02	0.12	0.05	0.03
<b>Sb (ppm)</b>	0.79	1.44	0.76	0.55	1.33	0.96	0.69	0.5

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	301373	301374	301379	300841	300839	301823	301923	301933
<b>North (NAD 27)</b>	4319801	4319802	4319806	4319751	4319759	4319763	4321923	4319914
<b>Classification</b>	Albite-KSpar-Sericite	Plag-KSpar	Sericite-Albite	Albite-KSpar-Sericite	Plag-KSpar	Albite	Albite	Albite
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	JC10-BHT204	JC10-BHT205	JC10-BHT206	JC10-BHT301	JC10-BHT302	H437001	H437002	H437003
<b>Lithology</b>	Tourmaline breccia	McLeod QMD	McLeod QMD	Porphyry	McLeod QMD	Bear (graphic txt.)	Vein	Porphyry
<b>Sc (ppm)</b>	6.7	9.1	9.7	4.9	12.9	4.3	1.3	2.9
<b>Se (ppm)</b>	8	2	4	2	2	16	1	2
<b>Sn (ppm)</b>	2.6	1.8	2.5	0.7	0.9	1.3	0.5	0.7
<b>Sr (ppm)</b>	335	939	265	474	1030	292	285	548
<b>Ta (ppm)</b>	0.23	0.53	0.32	0.22	0.37	0.31	0.14	0.17
<b>Te (ppm)</b>	8.8	0.07	7.28	0.36	0.05	1.28	0.24	0.62
<b>Th (ppm)</b>	41.7	21.6	20.2	7.8	14	15.2	10.5	12.4
<b>Ti (%)</b>	0.237	0.517	0.342	0.254	0.482	0.254	0.08	0.101
<b>Tl (ppm)</b>	0.66	0.33	0.43	0.36	0.39	0.19	0.12	0.13
<b>U (ppm)</b>	5.2	7.9	5.6	4	4.2	3.3	1.1	2.4
<b>V (ppm)</b>	89	126	135	49	146	55	9	22
<b>W (ppm)</b>	2.1	1.4	3.4	1.1	1.1	1.7	0.9	1.2
<b>Y (ppm)</b>	12.5	19.4	3.5	4.1	16.1	2.1	1.2	1.6
<b>Zn (ppm)</b>	9	60	10	2	15	2	-2	2
<b>Zr (ppm)</b>	9.1	11.8	11	41.1	15.5	10.7	18.9	22.1
<b>Al2O3 (%)</b>	11.05	15.21	14.15	14.41	17.06	11.77	10.88	11.54
<b>CaO (%)</b>	0.29	3.67	0.63	0.43	4.04	0.43	0.35	0.91
<b>FeO (%)</b>	9.43	4.01	2.97	1.86	5.02	2.46	1.04	0.99
<b>K2O (%)</b>	2.59	3.12	2.33	3.16	3.37	1.48	0.83	0.81
<b>MgO (%)</b>	0.93	1.33	1.18	0.12	1.77	0.27	0.15	0.32
<b>Na2O (%)</b>	2.06	3.88	2.75	5.20	5.06	5.27	5.58	4.81
<b>P2O5 (%)</b>	0.44	0.36	0.10	0.07	0.40	0.12	0.05	0.08
<b>TiO2 (%)</b>	0.40	0.86	0.57	0.42	0.80	0.42	0.13	0.17
<b>SO3 (%)</b>	3.63	0.03	0.85	0.10	0.05	0.30	0.13	0.08
<b>Total (%)</b>	30.82	32.46	25.52	25.78	37.57	22.52	19.14	19.70
<b>SiO2 (%)</b>	67.03	65.27	72.69	72.41	59.80	75.91	79.52	78.92
<b>Al_m</b>	0.22	0.30	0.28	0.28	0.33	0.23	0.21	0.23
<b>Ca_m</b>	0.01	0.07	0.01	0.01	0.07	0.01	0.01	0.02
<b>K_m</b>	0.06	0.07	0.05	0.07	0.07	0.03	0.02	0.02
<b>Na_m</b>	0.07	0.13	0.09	0.17	0.16	0.17	0.18	0.16
<b>K_Al</b>	0.25	0.22	0.18	0.24	0.21	0.14	0.08	0.08
<b>Na_Al</b>	0.31	0.42	0.32	0.59	0.49	0.74	0.84	0.69
<b>Plag</b>	0.33	0.64	0.36	0.62	0.70	0.77	0.87	0.76

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

	East (NAD 27)	301978	301982	302009	302014	302021	301957	301827	302037	302030
<b>North (NAD 27)</b>	4319917	4319957	4320055	4320185	4320196	4320518	4319766	4320466	4320476	4320476
<b>Classification</b>	Sericite	Plag-KSpar	Plagioclase	Plag-KSpar	Plagioclase	Plagioclase	Plag-KSpar	Plagioclase	Plagioclase	Plag-KSpar
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437004	H437005	H437006	H437007	H437008	H437009	H437010	H437011	H437012	H437012
<b>Lithology</b>	Porphyry	Bear equigr	Bear	Bear (K-spar phenos)	Bear	Porphyry	Bear	porphyry	Bear	Bear
<b>Ag (ppm)</b>	0.02	0.02	0.03	0.07	0.03	0.05	0.05	0.17	0.11	0.11
<b>Al (%)</b>	7.23	6.9	6.88	6.65	6.67	6.87	6.94	5.5	6.98	6.98
<b>As (ppm)</b>	0.8	1.4	2.5	7.1	3.4	2	3.2	3.5	2.3	2.3
<b>Ba (ppm)</b>	1370	1350	290	2440	340	220	1390	110	1340	1340
<b>Be (ppm)</b>	1.98	2.23	2.82	1.87	2.23	2.6	2.15	2.29	1.87	1.87
<b>Bi (ppm)</b>	0.09	0.2	0.16	0.13	0.05	0.27	0.52	1.41	0.53	0.53
<b>Ca (%)</b>	0.09	2.05	2.64	2.21	2.58	2.83	2.6	1.29	1.61	1.61
<b>Cd (ppm)</b>	-0.02	0.02	0.05	0.02	0.03	0.03	0.05	-0.02	-0.02	-0.02
<b>Ce (ppm)</b>	31.3	52.8	40	35	33.6	40.6	42.6	26.6	38.6	38.6
<b>Co (ppm)</b>	0.2	2.9	2.3	1.4	0.6	1	5.8	1.9	2.3	2.3
<b>Cr (ppm)</b>	12	10	10	15	12	12	12	9	7	7
<b>Cs (ppm)</b>	0.88	0.88	0.78	1.87	0.55	0.58	0.77	0.49	1.75	1.75
<b>Cu (ppm)</b>	16.8	369	20.4	31.7	52.2	104.5	168.5	2740	1830	1830
<b>Fe (%)</b>	0.52	1.44	0.82	1.77	0.76	0.86	1.51	1.75	3.01	3.01
<b>Ga (ppm)</b>	24.3	20.3	19.4	20.4	20.6	20.6	20.5	16.65	25.4	25.4
<b>Ge (ppm)</b>	0.06	0.08	0.06	0.05	0.07	-0.05	0.08	-0.05	0.09	0.09
<b>Hf (ppm)</b>	0.9	1	0.8	1.3	0.9	1	0.7	1.2	0.6	0.6
<b>In (ppm)</b>	0.066	0.053	0.097	0.023	0.022	0.026	0.02	0.133	0.114	0.114
<b>K (%)</b>	3.9	2.33	0.53	2.91	0.34	0.28	1.91	0.19	1.6	1.6
<b>La (ppm)</b>	13.4	22.3	18.8	16.4	12.4	14.9	17.6	13.3	13.3	13.3
<b>Li (ppm)</b>	5.5	4.3	2.9	4.9	2.3	2.4	3	5.5	10.2	10.2
<b>Mg (%)</b>	0.37	0.43	0.59	0.22	0.34	0.68	0.64	1.46	2.34	2.34
<b>Mn (ppm)</b>	26	133	139	225	101	170	205	327	200	200
<b>Mo (ppm)</b>	1.52	1.26	0.7	5.02	0.66	0.5	0.81	1.9	1.33	1.33
<b>Na (%)</b>	0.12	3.07	3.97	2.34	3.92	3.94	3.35	2.67	2.21	2.21
<b>Nb (ppm)</b>	2.8	3.8	3.8	3.2	4.5	4.3	4	2	2.7	2.7
<b>Ni (ppm)</b>	0.9	7.1	5.9	7	2.6	2.7	10.1	9	10	10
<b>P (ppm)</b>	440	760	830	650	300	750	900	540	60	60
<b>Pb (ppm)</b>	1.8	6.1	7.5	7.4	4.8	5.2	5.7	2.6	2.8	2.8
<b>Rb (ppm)</b>	101.5	44.6	15.1	54.3	6.1	6.2	39	4.9	28.8	28.8
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.01	0.01	0.02	0.01	0.01	0.01	0.02	0.02	0.01	0.01
<b>Sb (ppm)</b>	0.5	0.9	1.16	5.27	0.47	1.1	0.73	1.87	1.37	1.37

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	301978	301982	302009	302014	302021	301957	301827	302037	302030
<b>North (NAD 27)</b>	4319917	4319957	4320055	4320185	4320196	4320518	4319766	4320466	4320476
<b>Classification</b>	Sericite	Plag-KSpar	Plagioclase	Plag-KSpar	Plagioclase	Plagioclase	Plag-KSpar	Plagioclase	Plag-KSpar
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437004	H437005	H437006	H437007	H437008	H437009	H437010	H437011	H437012
<b>Lithology</b>	Porphyry	Bear equigr	Bear	Bear (K-spar phenos)	Bear	Porphyry	Bear	porphyry	Bear
<b>Sc (ppm)</b>	6.8	5.2	4.9	4.2	4.2	6.3	5.6	3.7	12.1
<b>Se (ppm)</b>	1	2	1	1	1	1	1	2	1
<b>Sn (ppm)</b>	1.3	0.8	0.9	0.8	0.8	0.9	1	1	1.4
<b>Sr (ppm)</b>	62.6	1125	1125	1335	1295	1260	1190	724	777
<b>Ta (ppm)</b>	0.2	0.28	0.28	0.23	0.32	0.31	0.3	0.13	0.17
<b>Te (ppm)</b>	0.15	0.33	0.13	0.35	-0.05	0.14	0.4	1.41	0.2
<b>Th (ppm)</b>	8.6	7.5	8.3	6.2	6	10.4	6.8	4.2	7.2
<b>Ti (%)</b>	0.23	0.265	0.257	0.229	0.265	0.294	0.285	0.15	0.277
<b>Tl (ppm)</b>	0.34	0.21	0.09	0.33	0.05	0.05	0.2	0.03	0.24
<b>U (ppm)</b>	3.8	5.4	3	2.9	1.6	2.3	2.8	3.7	3.5
<b>V (ppm)</b>	73	61	51	53	29	39	63	59	80
<b>W (ppm)</b>	1.6	0.4	0.7	1.2	0.5	0.2	1	0.6	1.1
<b>Y (ppm)</b>	3.1	43.4	6.4	4.9	7.2	7.7	7.2	4.9	11
<b>Zn (ppm)</b>	-2	12	8	10	8	11	16	19	16
<b>Zr (ppm)</b>	17	16.7	14.1	29.6	17.2	18.3	13.8	31.1	11.3
<b>Al2O3 (%)</b>	13.66	13.03	13.00	12.56	12.60	12.98	13.11	10.39	13.19
<b>CaO (%)</b>	0.13	2.87	3.69	3.09	3.61	3.96	3.64	1.80	2.25
<b>FeO (%)</b>	0.67	1.85	1.05	2.28	0.98	1.11	1.94	2.25	3.87
<b>K2O (%)</b>	4.70	2.81	0.64	3.51	0.41	0.34	2.30	0.23	1.93
<b>MgO (%)</b>	0.61	0.71	0.98	0.36	0.56	1.13	1.06	2.42	3.88
<b>Na2O (%)</b>	0.16	4.14	5.35	3.15	5.28	5.31	4.52	3.60	2.98
<b>P2O5 (%)</b>	0.10	0.17	0.19	0.15	0.07	0.17	0.21	0.12	0.01
<b>TiO2 (%)</b>	0.38	0.44	0.43	0.38	0.44	0.49	0.48	0.25	0.46
<b>SO3 (%)</b>	0.03	0.03	0.05	0.03	0.03	0.03	0.05	0.05	0.03
<b>Total (%)</b>	20.44	26.05	25.38	25.51	23.98	25.51	27.30	21.12	28.60
<b>SiO2 (%)</b>	78.13	72.12	72.84	72.70	74.34	72.71	70.79	77.40	69.40
<b>Al_m</b>	0.27	0.26	0.25	0.25	0.25	0.25	0.26	0.20	0.26
<b>Ca_m</b>	0.00	0.05	0.07	0.06	0.06	0.07	0.07	0.03	0.04
<b>K_m</b>	0.10	0.06	0.01	0.07	0.01	0.01	0.05	0.00	0.04
<b>Na_m</b>	0.01	0.13	0.17	0.10	0.17	0.17	0.15	0.12	0.10
<b>K_Al</b>	0.37	0.23	0.05	0.30	0.04	0.03	0.19	0.02	0.16
<b>Na_Al</b>	0.02	0.52	0.68	0.41	0.69	0.67	0.57	0.57	0.37
<b>Plag</b>	0.03	0.72	0.94	0.64	0.95	0.95	0.82	0.73	0.53

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	302025	302044	302058	301754	301762	301609	301528	301440
<b>North (NAD 27)</b>	4320551	4320629	4320626	4319599	4319627	4319714	4319686	4319623
<b>Classification</b>	Plagioclase	Plag-KSpar	Plagioclase	Albite-KSpar-Sericite	Plag-KSpar	Albite-KSpar-Sericite	Plag-KSpar	Plag-KSpar
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437013	H437014	H437015	H437016	H437017	H437018	H437019	H437020
<b>Lithology</b>	Bear equigr	Porphyry	Porphyry	Porphyry	Bear	Bear	Bear	Bear
<b>Ag (ppm)</b>	0.05	0.06	0.02	0.18	0.22	0.1	0.18	0.03
<b>Al (%)</b>	6.97	6.92	7.12	7.01	6.64	6.69	7.02	6.58
<b>As (ppm)</b>	1.7	3.8	1.1	6.5	3.3	11.4	4.4	4.1
<b>Ba (ppm)</b>	200	2050	290	2630	1110	1810	1120	1850
<b>Be (ppm)</b>	3.45	2.11	1.84	2.31	2.68	2.22	2.64	1.52
<b>Bi (ppm)</b>	0.06	0.77	0.14	0.65	0.11	1.32	0.11	0.18
<b>Ca (%)</b>	2.25	1.15	2.42	0.63	1.44	0.45	2.23	2.33
<b>Cd (ppm)</b>	0.04	0.04	-0.02	-0.02	0.04	0.02	0.03	0.04
<b>Ce (ppm)</b>	33.8	26	34.8	13.55	55.8	17.9	68.2	40.6
<b>Co (ppm)</b>	0.9	1.7	3.2	0.5	3.6	1.1	8.5	3
<b>Cr (ppm)</b>	7	8	8	10	5	11	6	9
<b>Cs (ppm)</b>	0.69	0.62	0.42	0.56	0.92	0.59	1.44	0.45
<b>Cu (ppm)</b>	43.5	175	40.4	53.1	140.5	64.8	479	102.5
<b>Fe (%)</b>	0.47	1.57	1.29	1.2	1.19	1.54	3.14	1.8
<b>Ga (ppm)</b>	21.8	18.15	19.8	18.7	19.35	20.6	22.1	19.6
<b>Ge (ppm)</b>	0.05	0.06	0.05	0.05	0.09	0.06	0.11	0.06
<b>Hf (ppm)</b>	1	1.3	1.2	1.5	1.1	1.9	0.6	1.4
<b>In (ppm)</b>	0.008	0.025	0.04	0.171	0.028	0.039	0.039	0.036
<b>K (%)</b>	0.34	2.71	0.54	3.11	4.06	2.82	2.93	2.9
<b>La (ppm)</b>	11.8	12	17.8	8.2	22.4	10.4	27	19.2
<b>Li (ppm)</b>	3.2	3.2	3.2	1.5	2.7	2.4	5.9	4
<b>Mg (%)</b>	0.32	0.19	0.39	0.1	0.39	0.11	1.21	0.48
<b>Mn (ppm)</b>	79	109	155	51	132	44	413	237
<b>Mo (ppm)</b>	0.66	1.36	0.48	2.48	1.36	4.89	1.95	2.8
<b>Na (%)</b>	4.18	3.34	4.18	2.96	2.37	3.02	2.87	2.36
<b>Nb (ppm)</b>	7.4	3	2.9	2.5	6.9	2.3	7.5	3.3
<b>Ni (ppm)</b>	1.6	2.9	8.6	1.1	9.3	1.6	12.9	9.2
<b>P (ppm)</b>	390	460	760	250	810	380	1680	800
<b>Pb (ppm)</b>	5.8	3.5	2.5	5.2	6.6	5.1	6	7.5
<b>Rb (ppm)</b>	10	57.3	18.2	74.9	99.2	74.4	72.8	73.4
<b>Re (ppm)</b>	0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.01	0.01	0.01	0.04	0.02	0.04	0.01	-0.01
<b>Sb (ppm)</b>	0.52	0.9	0.73	1.19	1.01	0.51	1.29	1.36

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	302025	302044	302058	301754	301762	301609	301528	301440
<b>North (NAD 27)</b>	4320551	4320629	4320626	4319599	4319627	4319714	4319686	4319623
<b>Classification</b>	Plagioclase	Plag-KSpar	Plagioclase	Albite-KSpar-Sericite	Plag-KSpar	Albite-KSpar-Sericite	Plag-KSpar	Plag-KSpar
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437013	H437014	H437015	H437016	H437017	H437018	H437019	H437020
<b>Lithology</b>	Bear equigr	Porphyry	Porphyry	Porphyry	Bear	Bear	Bear	Bear
<b>Sc (ppm)</b>	5.7	4.3	4.6	3.1	5.4	3.8	9.6	5
<b>Se (ppm)</b>	1	1	1	2	2	2	1	1
<b>Sn (ppm)</b>	1.4	0.6	0.8	0.7	1.2	0.7	1.9	0.7
<b>Sr (ppm)</b>	926	707	1050	893	654	686	903	1015
<b>Ta (ppm)</b>	0.55	0.21	0.19	0.17	0.48	0.17	0.48	0.23
<b>Te (ppm)</b>	-0.05	0.76	-0.05	0.76	-0.05	1.83	0.07	0.14
<b>Th (ppm)</b>	14.4	6.9	5.8	7.8	22.6	7.3	14	6.4
<b>Ti (%)</b>	0.383	0.225	0.217	0.181	0.266	0.189	0.47	0.244
<b>Tl (ppm)</b>	0.07	0.29	0.07	0.4	0.37	0.37	0.36	0.44
<b>U (ppm)</b>	2.8	3.6	2.9	3.3	6.2	3.4	5.5	2.7
<b>V (ppm)</b>	46	50	50	30	58	46	137	57
<b>W (ppm)</b>	0.5	1	0.3	0.5	0.8	1.5	1.3	0.6
<b>Y (ppm)</b>	12	5.1	5.2	1.1	12.4	2.3	13.7	5.7
<b>Zn (ppm)</b>	10	5	2	2	13	4	34	11
<b>Zr (ppm)</b>	21.2	28.1	25.9	34.3	20.5	51.5	11.1	32.9
<b>Al2O3 (%)</b>	13.17	13.07	13.45	13.24	12.54	12.64	13.26	12.43
<b>CaO (%)</b>	3.15	1.61	3.39	0.88	2.01	0.63	3.12	3.26
<b>FeO (%)</b>	0.60	2.02	1.66	1.54	1.53	1.98	4.04	2.31
<b>K2O (%)</b>	0.41	3.27	0.65	3.75	4.89	3.40	3.53	3.49
<b>MgO (%)</b>	0.53	0.32	0.65	0.17	0.65	0.18	2.01	0.80
<b>Na2O (%)</b>	5.63	4.50	5.63	3.99	3.19	4.07	3.87	3.18
<b>P2O5 (%)</b>	0.09	0.11	0.17	0.06	0.19	0.09	0.38	0.18
<b>TiO2 (%)</b>	0.64	0.38	0.36	0.30	0.44	0.32	0.78	0.41
<b>SO3 (%)</b>	0.03	0.03	0.03	0.10	0.05	0.10	0.03	-0.03
<b>Total (%)</b>	24.25	25.29	25.99	24.03	25.50	23.40	31.02	26.04
<b>SiO2 (%)</b>	74.06	72.94	72.19	74.29	72.71	74.96	66.81	72.14
<b>Al_m</b>	0.26	0.26	0.26	0.26	0.25	0.25	0.26	0.24
<b>Ca_m</b>	0.06	0.03	0.06	0.02	0.04	0.01	0.06	0.06
<b>K_m</b>	0.01	0.07	0.01	0.08	0.10	0.07	0.08	0.07
<b>Na_m</b>	0.18	0.15	0.18	0.13	0.10	0.13	0.12	0.10
<b>K_Al</b>	0.03	0.27	0.05	0.31	0.42	0.29	0.29	0.31
<b>Na_Al</b>	0.70	0.57	0.69	0.50	0.42	0.53	0.48	0.42
<b>Plag</b>	0.92	0.68	0.92	0.56	0.57	0.58	0.69	0.66

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	301390	301470	301475	301089	301178	301358	301420	301173
<b>North (NAD 27)</b>	4319535	4319389	4319425	4319670	4319712	4319786	4319865	4319805
<b>Classification</b>	Albite-KSpar-Sericite	Albite-KSpar-Sericite	Plag-KSpar	Albite-KSpar-Sericite	Plag-KSpar	Plag-KSpar	Plag-KSpar	Albite
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437021	H437022	H437023	H437024	H437025	H437026	H437027	H437028
<b>Lithology</b>	porphyry	?	Bear	Porphyry	Bear	Bear (K-spar phenos)	Bear	McLeod
<b>Ag (ppm)</b>	0.42	0.26	0.18	0.07	0.05	0.02	0.01	0.06
<b>Al (%)</b>	6.36	6.47	6.72	6.81	7.02	6.52	6.58	7.14
<b>As (ppm)</b>	13.6	7.4	2.1	9.9	6	3.6	3.6	27.1
<b>Ba (ppm)</b>	1670	1300	1960	1760	980	1590	1830	120
<b>Be (ppm)</b>	1.91	1.97	1.85	2.1	2.45	1.77	1.66	1.95
<b>Bi (ppm)</b>	0.34	0.74	0.82	0.19	0.09	0.14	0.25	1
<b>Ca (%)</b>	0.59	0.2	1.1	0.74	3.2	2.26	1.91	0.29
<b>Cd (ppm)</b>	0.03	0.03	0.02	0.03	0.04	0.02	0.04	0.03
<b>Ce (ppm)</b>	27.2	14.45	49.9	48.7	56.5	37.9	39	44.9
<b>Co (ppm)</b>	1.3	0.5	0.9	0.7	11.3	1.6	2	1.3
<b>Cr (ppm)</b>	8	6	9	10	6	9	8	6
<b>Cs (ppm)</b>	0.57	0.92	0.67	1	1.57	0.53	0.49	0.38
<b>Cu (ppm)</b>	115.5	20	153.5	13.7	178	39.7	81	44.5
<b>Fe (%)</b>	1.2	1.61	1.27	0.97	3.66	1.81	1.76	3.82
<b>Ga (ppm)</b>	18.3	20.2	20	20.7	23.6	20.4	19.95	23.4
<b>Ge (ppm)</b>	0.05	0.06	0.06	0.06	0.09	0.06	0.08	0.14
<b>Hf (ppm)</b>	1.3	1.2	1.2	1.4	0.6	1.4	1.5	0.6
<b>In (ppm)</b>	0.02	0.056	0.251	0.016	0.041	0.026	0.045	0.052
<b>K (%)</b>	2.46	1.99	2.49	3.03	2.52	2.74	2.82	0.46
<b>La (ppm)</b>	15.4	7	25.3	27.6	24.5	17.5	18.5	22.5
<b>Li (ppm)</b>	2.2	2.4	6.2	2.1	3.5	5.4	5.1	9
<b>Mg (%)</b>	0.1	0.24	0.4	0.09	1.11	0.39	0.32	0.3
<b>Mn (ppm)</b>	53	67	95	108	478	230	225	52
<b>Mo (ppm)</b>	4.1	2.16	1.85	1.03	1.32	2.16	1.87	4.85
<b>Na (%)</b>	3.33	3.14	3.13	3.09	3.05	2.58	2.74	4.71
<b>Nb (ppm)</b>	2.5	1.3	2.2	2.8	6.7	3.2	3.4	3.6
<b>Ni (ppm)</b>	2.3	2.5	4.8	2.7	13.8	10.4	13.4	3.8
<b>P (ppm)</b>	430	260	190	500	1580	800	860	800
<b>Pb (ppm)</b>	4.6	2.7	4.7	7.1	9.3	7.5	5.6	5.1
<b>Rb (ppm)</b>	68.6	67.9	70.3	99.2	79	67	65.5	20.3
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.03	0.05	0.01	0.02	-0.01	-0.01	0.01	0.03
<b>Sb (ppm)</b>	1.01	0.51	1.2	1.02	1.48	1.2	1.86	2.08

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	301390	301470	301475	301089	301178	301358	301420	301173
<b>North (NAD 27)</b>	4319535	4319389	4319425	4319670	4319712	4319786	4319865	4319805
<b>Classification</b>	Albite-KSpar-Sericite	Albite-KSpar-Sericite	Plag-KSpar	Albite-KSpar-Sericite	Plag-KSpar	Plag-KSpar	Plag-KSpar	Albite
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437021	H437022	H437023	H437024	H437025	H437026	H437027	H437028
<b>Lithology</b>	porphyry	?	Bear	Porphyry	Bear	Bear (K-spar phenos)	Bear	McLeod
<b>Sc (ppm)</b>	3.1	3.4	5.4	4.1	10.4	5.3	5.2	11.2
<b>Se (ppm)</b>	2	2	2	2	2	1	2	17
<b>Sn (ppm)</b>	0.6	0.6	0.6	0.7	1.3	0.7	0.7	1
<b>Sr (ppm)</b>	776	387	697	685	981	1095	844	214
<b>Ta (ppm)</b>	0.17	0.08	0.15	0.19	0.42	0.22	0.23	0.22
<b>Te (ppm)</b>	0.78	0.44	0.9	0.09	0.07	0.05	0.13	2.21
<b>Th (ppm)</b>	5.8	5.1	7.7	6.2	13.1	5.8	6.5	10.8
<b>Ti (%)</b>	0.179	0.095	0.187	0.197	0.47	0.244	0.249	0.354
<b>Tl (ppm)</b>	0.41	0.29	0.4	0.57	0.28	0.47	0.36	0.11
<b>U (ppm)</b>	3.2	1.7	4.4	2.9	4.8	2.7	2.6	4.7
<b>V (ppm)</b>	36	42	46	40	127	58	56	131
<b>W (ppm)</b>	0.3	0.9	0.7	0.4	1.2	0.5	0.7	1.7
<b>Y (ppm)</b>	4.8	1.8	6	4.5	13.5	5.4	5.9	4.6
<b>Zn (ppm)</b>	4	4	11	9	44	9	10	13
<b>Zr (ppm)</b>	28	29.2	28.2	31.8	10.5	32.2	34.1	13.3
<b>Al2O3 (%)</b>	12.01	12.22	12.69	12.86	13.26	12.32	12.43	13.49
<b>CaO (%)</b>	0.83	0.28	1.54	1.04	4.48	3.16	2.67	0.41
<b>FeO (%)</b>	1.54	2.07	1.63	1.25	4.71	2.33	2.26	4.91
<b>K2O (%)</b>	2.96	2.40	3.00	3.65	3.04	3.30	3.40	0.55
<b>MgO (%)</b>	0.17	0.40	0.66	0.15	1.84	0.65	0.53	0.50
<b>Na2O (%)</b>	4.49	4.23	4.22	4.17	4.11	3.48	3.69	6.35
<b>P2O5 (%)</b>	0.10	0.06	0.04	0.11	0.36	0.18	0.20	0.18
<b>TiO2 (%)</b>	0.30	0.16	0.31	0.33	0.78	0.41	0.42	0.59
<b>SO3 (%)</b>	0.08	0.13	0.03	0.05	-0.03	-0.03	0.03	0.08
<b>Total (%)</b>	22.47	21.94	24.13	23.61	32.55	25.80	25.62	27.06
<b>SiO2 (%)</b>	75.95	76.52	74.18	74.74	65.17	72.40	72.58	71.05
<b>Al_m</b>	0.24	0.24	0.25	0.25	0.26	0.24	0.24	0.26
<b>Ca_m</b>	0.01	0.01	0.03	0.02	0.08	0.06	0.05	0.01
<b>K_m</b>	0.06	0.05	0.06	0.08	0.06	0.07	0.07	0.01
<b>Na_m</b>	0.14	0.14	0.14	0.13	0.13	0.11	0.12	0.20
<b>K_Al</b>	0.27	0.21	0.26	0.31	0.25	0.29	0.30	0.04
<b>Na_Al</b>	0.61	0.57	0.55	0.53	0.51	0.46	0.49	0.77
<b>Plag</b>	0.68	0.59	0.66	0.61	0.82	0.70	0.68	0.80

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	301166	301137	301137	301072	301033	300966	300927	300969
<b>North (NAD 27)</b>	4319827	4319850	4319850	4319850	4319964	4319913	4319916	4319797
<b>Classification</b>	Plag-KSpar	Albite-KSpar-Sericite	Sericite	Plag-KSpar	Albite-KSpar-Sericite	Plag-KSpar	Albite-KSpar-Sericite	Albite-KSpar-Sericite
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437029	H437030	H437031	H437032	H437033	H437034	H437035	H437036
<b>Lithology</b>	McLeod	Porphyry	Porphyry	McLeod	Porphyry	McLeod	Porphyry	Porphyry
<b>Ag (ppm)</b>	0.05	0.04	0.03	0.05	0.24	0.02	0.05	0.04
<b>Al (%)</b>	7.49	6.58	6.7	7.11	6.8	7.01	6.84	6.32
<b>As (ppm)</b>	7.7	2.6	3.2	5.4	15.9	5.3	12.8	4.7
<b>Ba (ppm)</b>	1050	1790	370	1010	2100	1030	2010	1920
<b>Be (ppm)</b>	2.14	2.02	2.14	2.04	1.92	1.94	1.93	1.78
<b>Bi (ppm)</b>	0.06	0.09	0.53	0.04	1.22	0.1	0.41	0.39
<b>Ca (%)</b>	2.9	0.31	0.11	3.44	0.34	2.86	0.26	0.2
<b>Cd (ppm)</b>	0.03	-0.02	0.02	0.03	0.02	0.03	0.02	-0.02
<b>Ce (ppm)</b>	53.5	38.6	6.09	51.5	31.8	44.9	6.24	14.4
<b>Co (ppm)</b>	9.9	0.3	0.3	14.9	0.5	11.2	0.5	0.7
<b>Cr (ppm)</b>	7	8	11	8	7	6	9	5
<b>Cs (ppm)</b>	1.35	0.69	0.6	1.03	0.91	0.56	0.68	0.43
<b>Cu (ppm)</b>	119.5	16	22.6	112.5	35.5	33.1	30.3	39
<b>Fe (%)</b>	3.94	1.12	2.14	4.36	1.05	4.08	1.47	1.46
<b>Ga (ppm)</b>	24.7	20.7	23.8	23.7	20.4	24.3	20.6	20.1
<b>Ge (ppm)</b>	0.1	0.06	0.07	0.13	0.07	0.1	0.06	0.07
<b>Hf (ppm)</b>	0.9	1.9	2.1	0.9	1.5	0.8	1.6	1.4
<b>In (ppm)</b>	0.036	0.02	0.036	0.034	0.023	0.035	0.018	0.008
<b>K (%)</b>	2.49	2.57	3.44	2.36	3.07	2.72	3.04	2.8
<b>La (ppm)</b>	25.1	22.8	3.7	23.3	18.9	19.5	3.9	7.1
<b>Li (ppm)</b>	3.1	1.7	3.7	2.9	2.8	2.3	2.1	1.3
<b>Mg (%)</b>	1	0.06	0.33	1.37	0.14	1.17	0.09	0.05
<b>Mn (ppm)</b>	240	46	47	453	60	389	68	31
<b>Mo (ppm)</b>	1.75	3.44	2.41	1.53	2.06	2.36	1.5	1.23
<b>Na (%)</b>	3.36	3.75	0.1	3.12	2.96	3.5	3.43	3.85
<b>Nb (ppm)</b>	4.2	2.9	2.8	5.4	2.8	4.3	2.7	2
<b>Ni (ppm)</b>	18.2	0.9	1.3	16.5	1.4	17	1.5	1.4
<b>P (ppm)</b>	1700	230	410	1970	290	1760	210	360
<b>Pb (ppm)</b>	5.9	5.5	2.3	5.9	5.6	5.9	5.4	3.7
<b>Rb (ppm)</b>	72.4	71.8	134.5	71.7	95	73.6	74	72.7
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.03	0.04	0.03	0.04	0.05	0.01	0.04	0.01
<b>Sb (ppm)</b>	1.89	0.72	0.84	0.65	0.74	1.35	0.62	0.39

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	301166	301137	301137	301072	301033	300966	300927	300969
<b>North (NAD 27)</b>	4319827	4319850	4319850	4319850	4319964	4319913	4319916	4319797
<b>Classification</b>	Plag-KSpar	Albite-KSpar-Sericite	Sericite	Plag-KSpar	Albite-KSpar-Sericite	Plag-KSpar	Albite-KSpar-Sericite	Albite-KSpar-Sericite
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437029	H437030	H437031	H437032	H437033	H437034	H437035	H437036
<b>Lithology</b>	McLeod	Porphyry	Porphyry	McLeod	Porphyry	McLeod	Porphyry	Porphyry
<b>Sc (ppm)</b>	11	4.7	6.7	12.4	4.5	11.5	3.8	3.8
<b>Se (ppm)</b>	2	3	3	2	3	2	4	2
<b>Sn (ppm)</b>	0.8	0.6	0.6	1	0.7	0.7	0.6	0.4
<b>Sr (ppm)</b>	893	613	62.2	905	725	894	474	357
<b>Ta (ppm)</b>	0.28	0.2	0.19	0.33	0.19	0.26	0.18	0.14
<b>Te (ppm)</b>	-0.05	0.56	0.51	-0.05	0.46	0.08	0.73	0.45
<b>Th (ppm)</b>	9.2	6.9	5.4	9.5	6.3	8	6	7
<b>Ti (%)</b>	0.417	0.232	0.235	0.433	0.214	0.383	0.222	0.147
<b>Tl (ppm)</b>	0.29	0.4	0.57	0.25	0.5	0.29	0.49	0.42
<b>U (ppm)</b>	3.8	3.2	3	3.9	3.1	3.4	4.2	4.9
<b>V (ppm)</b>	147	41	62	150	41	150	46	24
<b>W (ppm)</b>	1	0.9	1.2	0.8	0.9	0.8	0.9	1.6
<b>Y (ppm)</b>	12.8	3.1	3.4	12.2	2.3	11.2	1.4	2.8
<b>Zn (ppm)</b>	20	3	2	22	4	19	4	-2
<b>Zr (ppm)</b>	19.1	49.8	58.3	19.3	33.3	17.3	37.4	33.3
<b>Al2O3 (%)</b>	14.15	12.43	12.66	13.43	12.85	13.24	12.92	11.94
<b>CaO (%)</b>	4.06	0.43	0.15	4.81	0.48	4.00	0.36	0.28
<b>FeO (%)</b>	5.07	1.44	2.75	5.61	1.35	5.25	1.89	1.88
<b>K2O (%)</b>	3.00	3.10	4.15	2.84	3.70	3.28	3.66	3.37
<b>MgO (%)</b>	1.66	0.10	0.55	2.27	0.23	1.94	0.15	0.08
<b>Na2O (%)</b>	4.53	5.06	0.13	4.21	3.99	4.72	4.62	5.19
<b>P2O5 (%)</b>	0.39	0.05	0.09	0.45	0.07	0.40	0.05	0.08
<b>TiO2 (%)</b>	0.70	0.39	0.39	0.72	0.36	0.64	0.37	0.25
<b>SO3 (%)</b>	0.08	0.10	0.08	0.10	0.13	0.03	0.10	0.03
<b>Total (%)</b>	33.62	23.09	20.95	34.44	23.14	33.49	24.13	23.10
<b>SiO2 (%)</b>	64.03	75.29	77.58	63.14	75.24	64.16	74.18	75.29
<b>Al_m</b>	0.28	0.24	0.25	0.26	0.25	0.26	0.25	0.23
<b>Ca_m</b>	0.07	0.01	0.00	0.09	0.01	0.07	0.01	0.01
<b>K_m</b>	0.06	0.07	0.09	0.06	0.08	0.07	0.08	0.07
<b>Na_m</b>	0.15	0.16	0.00	0.14	0.13	0.15	0.15	0.17
<b>K_Al</b>	0.23	0.27	0.36	0.23	0.31	0.27	0.31	0.31
<b>Na_Al</b>	0.53	0.67	0.02	0.52	0.51	0.59	0.59	0.72
<b>Plag</b>	0.79	0.70	0.03	0.84	0.54	0.86	0.61	0.74

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	300904	300859	300760	300665	300581	300505	300503	300431	300439
<b>North (NAD 27)</b>	4319765	4319778	4319747	4319698	4319630	4319508	4319506	4319480	4319489
<b>Classification</b>	Sericite	Plag-KSpar	Albite-KSpar-Sericite	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plag-KSpar	Sericite	Albite
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437037	H437038	H437039	H437040	H437041	H437042	H437043	H437044	H437045
<b>Lithology</b>	Porphyry	McLeod	Porphyry	McLeod	McLeod	McLeod	McLeod	Porphyry	Porphyry
<b>Ag (ppm)</b>	0.45	0.06	0.02	0.14	0.1	0.11	0.08	0.57	0.16
<b>Al (%)</b>	6.17	7.04	6.33	6.82	6.86	6.64	6.7	6.74	6.45
<b>As (ppm)</b>	3.8	7.9	5.1	8.6	6.5	5.1	8.5	13.5	8.5
<b>Ba (ppm)</b>	480	1020	1980	770	1130	1010	870	800	1050
<b>Be (ppm)</b>	1.92	2.46	1.83	2.04	3.01	3.09	2.51	0.28	2.13
<b>Bi (ppm)</b>	1.85	0.33	0.55	0.22	0.13	0.07	0.44	0.24	0.94
<b>Ca (%)</b>	0.05	3.22	0.22	3.1	2.85	2.72	3.24	0.04	0.4
<b>Cd (ppm)</b>	-0.02	0.04	-0.02	0.02	0.07	0.08	0.05	0.02	0.03
<b>Ce (ppm)</b>	11.65	48.3	26.3	78	56.3	53.5	51.2	46.4	11.25
<b>Co (ppm)</b>	0.1	12.3	0.7	9.2	12	13.5	6	0.3	0.4
<b>Cr (ppm)</b>	7	7	9	6	7	9	7	7	14
<b>Cs (ppm)</b>	0.81	0.54	0.94	0.3	1.9	2.86	1.05	1.11	3.82
<b>Cu (ppm)</b>	18.9	226	9.5	523	182.5	131.5	235	41.9	34.8
<b>Fe (%)</b>	1.72	4.18	0.82	3.48	3.77	3.69	3.11	3.18	1.06
<b>Ga (ppm)</b>	26.1	24.6	21	24.4	24	23.1	23.9	14.3	20.6
<b>Ge (ppm)</b>	0.08	0.11	0.06	0.14	0.12	0.09	0.09	0.14	0.07
<b>Hf (ppm)</b>	1.5	0.6	1.9	0.8	0.6	0.6	0.6	0.4	2.2
<b>In (ppm)</b>	0.168	0.059	0.013	0.062	0.035	0.04	0.065	0.014	0.127
<b>K (%)</b>	3.27	2.39	2.96	2.08	3.22	2.99	2.11	3.48	1.13
<b>La (ppm)</b>	9.5	21.9	12.2	39.4	23.6	22	21.6	24.1	6.1
<b>Li (ppm)</b>	4.7	3.5	1.2	5.4	5.7	5.7	5.5	1.3	2
<b>Mg (%)</b>	0.28	1.45	0.04	1.03	1.09	1.01	0.94	0.03	0.09
<b>Mn (ppm)</b>	43	451	31	721	605	574	653	34	56
<b>Mo (ppm)</b>	2.4	1.14	1.7	0.68	1.43	1.98	1.12	29.3	3.27
<b>Na (%)</b>	0.11	3.5	3.69	3.69	2.72	2.85	3.08	0.12	4.06
<b>Nb (ppm)</b>	2.1	5.1	3.4	5.1	7.6	7.6	7.4	2.3	2.9
<b>Ni (ppm)</b>	0.6	16.7	0.9	12.3	15	12.6	16.7	1	1.3
<b>P (ppm)</b>	1420	1620	360	1480	1450	1390	1370	830	270
<b>Pb (ppm)</b>	9.1	5.5	6.2	6.2	10.4	12	9.1	22.1	5.9
<b>Rb (ppm)</b>	115.5	63.3	87.3	44	109.5	119	70	131	40.7
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.34	0.01	0.04	0.01	0.01	0.02	0.01	0.97	0.08
<b>Sb (ppm)</b>	0.7	2.6	0.8	5.4	2.07	1.03	4.13	7.98	1.13

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	300904	300859	300760	300665	300581	300505	300503	300431	300439
<b>North (NAD 27)</b>	4319765	4319778	4319747	4319698	4319630	4319508	4319506	4319480	4319489
<b>Classification</b>	Sericite	Plag-KSpar	Albite-KSpar-Sericite	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plag-KSpar	Sericite	Albite
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437037	H437038	H437039	H437040	H437041	H437042	H437043	H437044	H437045
<b>Lithology</b>	Porphyry	McLeod	Porphyry	McLeod	McLeod	McLeod	McLeod	Porphyry	Porphyry
<b>Sc (ppm)</b>	5.3	12.7	5.2	10.8	10.2	9.3	9.7	1.2	5.7
<b>Se (ppm)</b>	6	1	2	2	2	1	2	10	3
<b>Sn (ppm)</b>	1	1	0.8	1	1.1	1.3	1.4	2.2	0.7
<b>Sr (ppm)</b>	65.3	965	461	953	964	841	970	175.5	648
<b>Ta (ppm)</b>	0.15	0.31	0.22	0.32	0.49	0.5	0.46	0.16	0.17
<b>Te (ppm)</b>	6.48	0.15	0.09	0.09	-0.05	0.05	0.06	3.1	0.94
<b>Th (ppm)</b>	5.8	8.1	5.5	10.1	14.9	15.7	16.5	12.7	7.1
<b>Ti (%)</b>	0.161	0.444	0.254	0.424	0.459	0.432	0.429	0.192	0.251
<b>Tl (ppm)</b>	0.83	0.27	0.44	0.2	0.41	0.39	0.28	0.73	0.27
<b>U (ppm)</b>	2.7	2.8	3.7	6.6	5.6	5	6.5	1.1	2.8
<b>V (ppm)</b>	45	160	41	139	125	118	107	101	52
<b>W (ppm)</b>	0.8	1.3	1.3	1.1	1.5	1.6	1.9	5.3	1.1
<b>Y (ppm)</b>	2.8	11.9	2.1	11.2	12.5	12.4	12.8	1	2.9
<b>Zn (ppm)</b>	-2	17	-2	35	46	60	58	-2	3
<b>Zr (ppm)</b>	35.6	11.2	53	15.9	10.8	10.8	10.9	9.9	66.7
<b>Al2O3 (%)</b>	11.66	13.30	11.96	12.88	12.96	12.54	12.66	12.73	12.18
<b>CaO (%)</b>	0.07	4.50	0.31	4.34	3.99	3.81	4.53	0.06	0.56
<b>FeO (%)</b>	2.21	5.38	1.05	4.48	4.85	4.75	4.00	4.09	1.36
<b>K2O (%)</b>	3.94	2.88	3.57	2.51	3.88	3.60	2.54	4.19	1.36
<b>MgO (%)</b>	0.46	2.40	0.07	1.71	1.81	1.67	1.56	0.05	0.15
<b>Na2O (%)</b>	0.15	4.72	4.97	4.97	3.67	3.84	4.15	0.16	5.47
<b>P2O5 (%)</b>	0.33	0.37	0.08	0.34	0.33	0.32	0.31	0.19	0.06
<b>TiO2 (%)</b>	0.27	0.74	0.42	0.71	0.77	0.72	0.72	0.32	0.42
<b>SO3 (%)</b>	0.85	0.03	0.10	0.03	0.03	0.05	0.03	2.43	0.20
<b>Total (%)</b>	19.93	34.32	22.53	31.95	32.27	31.30	30.50	24.22	21.77
<b>SiO2 (%)</b>	78.67	63.28	75.89	65.81	65.47	66.51	67.37	74.09	76.70
<b>Al_m</b>	0.23	0.26	0.23	0.25	0.25	0.25	0.25	0.25	0.24
<b>Ca_m</b>	0.00	0.08	0.01	0.08	0.07	0.07	0.08	0.00	0.01
<b>K_m</b>	0.08	0.06	0.08	0.05	0.08	0.08	0.05	0.09	0.03
<b>Na_m</b>	0.00	0.15	0.16	0.16	0.12	0.12	0.13	0.01	0.18
<b>K_Al</b>	0.37	0.24	0.32	0.21	0.32	0.31	0.22	0.36	0.12
<b>Na_Al</b>	0.02	0.58	0.68	0.64	0.47	0.50	0.54	0.02	0.74
<b>Plag</b>	0.03	0.89	0.71	0.94	0.75	0.78	0.87	0.02	0.78

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	300361	300350	300348	300412	300425	301396	301399	301330	301265
<b>North (NAD 27)</b>	4319378	4319265	4319232	4319105	4319064	4319393	4319343	4319376	4319360
<b>Classification</b>	Plag-KSpar	Sericite	Plag-KSpar	Plag-KSpar	Albite-KSpar-Sericite	Sericite	Sericite	Plag-KSpar	Plag-KSpar
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437046	H437047	H437048	H437049	H437050	H437051	H437052	H437053	H437054
<b>Lithology</b>	McLeod	McLeod	McLeod	McLeod	Porphyry	Bear	Bear	McLeod	McLeod
<b>Ag (ppm)</b>	0.1	0.27	0.11	0.06	0.04	0.06	0.22	0.03	0.04
<b>Al (%)</b>	7.06	3.06	6.98	7.11	6.98	7.34	6.62	7.08	7.04
<b>As (ppm)</b>	4.5	12.9	4.7	4.6	6.3	4.7	3.7	3.4	4.8
<b>Ba (ppm)</b>	990	870	1230	1050	1930	1290	1060	1200	1350
<b>Be (ppm)</b>	2.67	0.5	2.59	2.73	1.67	1.53	1.55	2.25	1.89
<b>Bi (ppm)</b>	0.07	1.7	0.16	0.07	0.37	1.75	2.23	0.2	0.12
<b>Ca (%)</b>	2.82	0.45	1.98	2.83	0.4	0.04	0.11	1.87	1.43
<b>Cd (ppm)</b>	0.07	0.02	0.07	0.09	0.03	-0.02	0.02	0.06	0.04
<b>Ce (ppm)</b>	61.5	23.1	62.9	62.2	19.85	16.35	6.8	46	54.9
<b>Co (ppm)</b>	15.4	2.4	10.8	14.1	0.8	0.3	0.3	3.7	8.8
<b>Cr (ppm)</b>	6	28	7	14	7	7	7	7	9
<b>Cs (ppm)</b>	2.44	0.67	1.37	3.74	1.3	1.02	0.88	0.57	1.63
<b>Cu (ppm)</b>	153	59.1	223	73.6	37.6	119	62.1	609	687
<b>Fe (%)</b>	3.87	1.92	4.93	3.85	1.69	3.61	4.35	2.79	3.06
<b>Ga (ppm)</b>	24.1	8.26	24.3	22.8	19.65	25.9	25.7	21.9	21.3
<b>Ge (ppm)</b>	0.13	0.1	0.12	0.12	0.11	0.11	0.13	0.13	0.12
<b>Hf (ppm)</b>	0.5	0.3	0.5	0.7	1.4	0.6	0.7	0.7	0.8
<b>In (ppm)</b>	0.045	0.017	0.061	0.043	0.017	0.129	0.123	0.058	0.034
<b>K (%)</b>	3	1.37	3.15	3.02	3.02	3.94	3.62	3.54	3.18
<b>La (ppm)</b>	27.3	11.2	27.7	28	10.2	9.8	4.7	22.1	24.8
<b>Li (ppm)</b>	7.2	5.6	7.8	5.5	3.8	6.1	11.7	4.3	6.2
<b>Mg (%)</b>	1.11	0.09	1.18	1.09	0.13	0.46	0.49	0.77	0.75
<b>Mn (ppm)</b>	592	156	545	646	33	44	48	189	287
<b>Mo (ppm)</b>	2.51	4.41	1.85	2.47	6.76	11.95	16.9	5.17	1.71
<b>Na (%)</b>	3.01	0.05	2.88	2.9	3.52	0.1	0.13	2.55	2.58
<b>Nb (ppm)</b>	7.8	1.5	7.4	6.6	2.1	3.3	2.9	5.2	5.1
<b>Ni (ppm)</b>	14.4	2.9	14	12.6	2.3	1.6	1	10.6	14.2
<b>P (ppm)</b>	1460	230	1440	1450	480	860	440	1240	1220
<b>Pb (ppm)</b>	11.6	11.7	8.4	13.8	4	3	4.2	6.1	8.4
<b>Rb (ppm)</b>	121.5	53.2	102.5	122	90.3	147.5	151.5	82.9	95
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.01	0.34	0.01	0.01	0.01	0.22	0.63	0.01	-0.01
<b>Sb (ppm)</b>	1.01	4.95	1.8	1.18	0.52	0.84	0.63	1.1	1.13

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	300361	300350	300348	300412	300425	301396	301399	301330	301265
<b>North (NAD 27)</b>	4319378	4319265	4319232	4319105	4319064	4319393	4319343	4319376	4319360
<b>Classification</b>	Plag-KSpar	Sericite	Plag-KSpar	Plag-KSpar	Albite-KSpar-Sericite	Sericite	Sericite	Plag-KSpar	Plag-KSpar
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437046	H437047	H437048	H437049	H437050	H437051	H437052	H437053	H437054
<b>Lithology</b>	McLeod	McLeod	McLeod	McLeod	Porphyry	Bear	Bear	McLeod	McLeod
<b>Sc (ppm)</b>	10.5	0.9	10.6	10.2	5.3	12.3	9.6	8.8	8.5
<b>Se (ppm)</b>	2	11	2	2	4	10	7	2	2
<b>Sn (ppm)</b>	1.3	0.6	1.3	1.1	0.6	1.6	2	1	1.2
<b>Sr (ppm)</b>	864	241	660	863	378	110.5	76.7	833	675
<b>Ta (ppm)</b>	0.49	0.09	0.46	0.43	0.13	0.23	0.18	0.35	0.32
<b>Te (ppm)</b>	0.06	4.3	0.06	0.06	0.32	2.89	2.5	0.15	0.07
<b>Th (ppm)</b>	15.9	3.8	16.9	17.1	4.2	14	3.7	9.8	8.4
<b>Ti (%)</b>	0.469	0.12	0.448	0.424	0.195	0.321	0.238	0.342	0.354
<b>Tl (ppm)</b>	0.39	0.27	0.35	0.31	0.52	0.63	0.67	0.32	0.44
<b>U (ppm)</b>	4.3	2.6	6.2	5.2	2.2	2.8	2.5	5	3.8
<b>V (ppm)</b>	128	43	129	125	52	119	108	98	96
<b>W (ppm)</b>	1.5	1.6	2.3	1.6	1.5	3.2	6.1	1.5	1.9
<b>Y (ppm)</b>	13.1	0.9	13.6	12.9	3.5	1.6	1.4	11.4	12.3
<b>Zn (ppm)</b>	64	11	47	79	3	2	3	14	30
<b>Zr (ppm)</b>	8.1	7.3	9.7	14.7	43.9	12.7	16.1	11.7	12.6
<b>Al2O3 (%)</b>	13.34	5.78	13.19	13.43	13.19	13.87	12.51	13.37	13.30
<b>CaO (%)</b>	3.95	0.63	2.77	3.96	0.56	0.06	0.15	2.62	2.00
<b>FeO (%)</b>	4.98	2.47	6.34	4.95	2.17	4.64	5.59	3.59	3.94
<b>K2O (%)</b>	3.62	1.65	3.80	3.64	3.64	4.75	4.36	4.27	3.83
<b>MgO (%)</b>	1.84	0.15	1.96	1.81	0.22	0.76	0.81	1.28	1.24
<b>Na2O (%)</b>	4.06	0.07	3.88	3.91	4.74	0.13	0.18	3.44	3.48
<b>P2O5 (%)</b>	0.33	0.05	0.33	0.33	0.11	0.20	0.10	0.28	0.28
<b>TiO2 (%)</b>	0.78	0.20	0.75	0.71	0.33	0.54	0.40	0.57	0.59
<b>SO3 (%)</b>	0.03	0.85	0.03	0.03	0.03	0.55	1.58	0.03	-0.03
<b>Total (%)</b>	32.91	11.85	33.03	32.76	24.98	25.49	25.68	29.44	28.63
<b>SiO2 (%)</b>	64.78	87.32	64.66	64.95	73.27	72.72	72.53	68.50	69.36
<b>Al_m</b>	0.26	0.11	0.26	0.26	0.26	0.27	0.25	0.26	0.26
<b>Ca_m</b>	0.07	0.01	0.05	0.07	0.01	0.00	0.00	0.05	0.04
<b>K_m</b>	0.08	0.04	0.08	0.08	0.08	0.10	0.09	0.09	0.08
<b>Na_m</b>	0.13	0.00	0.13	0.13	0.15	0.00	0.01	0.11	0.11
<b>K_Al</b>	0.29	0.31	0.31	0.29	0.30	0.37	0.38	0.35	0.31
<b>Na_Al</b>	0.50	0.02	0.48	0.48	0.59	0.02	0.02	0.42	0.43
<b>Plag</b>	0.77	0.12	0.68	0.75	0.63	0.02	0.03	0.60	0.57

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	301213	301127	301145	301242	301344	300996	300901	302150
<b>North (NAD 27)</b>	4319354	4319360	4319278	4319484	4319486	4319202	4319097	4320001
<b>Classification</b>	Albite-KSpar-Sericite	Sericite	Sericite	Sericite	Albite-KSpar-Sericite	Albite-KSpar-Sericite	Plag-KSpar	Plagioclase
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437055	H437056	H437057	H437058	H437059	H437060	H437061	H437062
<b>Lithology</b>	Porphyry	Porphyry	Porphyry	Bear	Bear	Porphyry	Porphyry	Porphyry
<b>Ag (ppm)</b>	0.07	0.29	0.04	0.06	0.27	0.01	0.02	-0.01
<b>Al (%)</b>	7.01	6.48	7.05	7.04	6.93	7.22	7.03	7.01
<b>As (ppm)</b>	1.8	12	6.6	1.4	1.9	5	2.7	1.7
<b>Ba (ppm)</b>	2810	2450	4610	1120	1130	2920	1890	1380
<b>Be (ppm)</b>	1.81	1.15	1.06	2.26	2.01	1.67	1.55	2.09
<b>Bi (ppm)</b>	0.15	3.07	0.34	0.24	1.25	0.24	0.22	0.34
<b>Ca (%)</b>	0.24	0.19	0.66	0.07	0.39	0.95	1.79	1.52
<b>Cd (ppm)</b>	-0.02	0.04	-0.02	-0.02	0.02	0.02	0.02	0.03
<b>Ce (ppm)</b>	30.6	30.4	43.8	29.9	35.1	39	49.3	49.5
<b>Co (ppm)</b>	0.9	0.6	1.5	0.3	0.3	1	3.7	0.6
<b>Cr (ppm)</b>	7	8	10	9	7	14	18	13
<b>Cs (ppm)</b>	1.19	1.58	1.42	2.07	1.44	1.07	0.51	0.73
<b>Cu (ppm)</b>	264	104.5	230	16.3	26.1	198.5	556	7.9
<b>Fe (%)</b>	1.31	3.48	1.82	1.74	0.71	1.31	2	0.83
<b>Ga (ppm)</b>	19.35	25.8	22.5	23.9	21.7	20.2	20.7	20.5
<b>Ge (ppm)</b>	0.11	0.17	0.18	0.12	0.13	0.13	0.18	0.17
<b>Hf (ppm)</b>	1.3	0.5	1.4	1	0.9	1.5	1.5	1.4
<b>In (ppm)</b>	0.026	0.234	0.069	0.077	0.082	0.03	0.03	0.075
<b>K (%)</b>	3.54	3.69	4.62	4	2.45	4.05	2.88	1.28
<b>La (ppm)</b>	15.9	16.3	23.6	15.3	17.7	21.8	25.9	25
<b>Li (ppm)</b>	3	5	4.1	8.6	4.9	2.7	3.5	2.7
<b>Mg (%)</b>	0.16	0.52	0.26	0.53	0.33	0.34	0.72	0.42
<b>Mn (ppm)</b>	38	112	91	101	79	177	244	55
<b>Mo (ppm)</b>	1.77	2.96	1.38	14.85	3.79	1.65	0.53	1.51
<b>Na (%)</b>	2.3	0.33	0.9	0.1	2.63	2.54	2.94	3.26
<b>Nb (ppm)</b>	2.6	2.3	1.9	3.2	3.9	2.2	2.9	2.8
<b>Ni (ppm)</b>	2.3	2.6	3.5	2	2.1	5.2	10.9	4.4
<b>P (ppm)</b>	370	600	370	650	150	510	830	470
<b>Pb (ppm)</b>	4.7	8.6	6.2	5.9	3	7.3	9.1	3.5
<b>Rb (ppm)</b>	94.5	137.5	97.3	168	92.2	112.5	74.8	31.4
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.01	0.48	0.01	0.27	0.06	0.02	0.01	0.02
<b>Sb (ppm)</b>	0.85	1.55	0.99	0.72	0.48	1.5	1.46	0.81

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	301213	301127	301145	301242	301344	300996	300901	302150
<b>North (NAD 27)</b>	4319354	4319360	4319278	4319484	4319486	4319202	4319097	4320001
<b>Classification</b>	Albite-KSpar-Sericite	Sericite	Sericite	Sericite	Albite-KSpar-Sericite	Albite-KSpar-Sericite	Plag-KSpar	Plagioclase
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437055	H437056	H437057	H437058	H437059	H437060	H437061	H437062
<b>Lithology</b>	Porphyry	Porphyry	Porphyry	Bear	Bear	Porphyry	Porphyry	Porphyry
<b>Sc (ppm)</b>	4.6	7.4	4.1	9.1	8.3	4.1	6.8	4.5
<b>Se (ppm)</b>	4	3	1	2	4	1	1	1
<b>Sn (ppm)</b>	0.6	1.7	0.7	0.8	1.4	0.6	0.7	0.8
<b>Sr (ppm)</b>	573	238	670	56.2	203	758	834	1375
<b>Ta (ppm)</b>	0.18	0.21	0.17	0.28	0.37	0.19	0.24	0.25
<b>Te (ppm)</b>	0.17	2.96	0.17	0.62	0.65	0.11	0.07	0.33
<b>Th (ppm)</b>	5.7	8.5	6.7	16.7	19	6.7	8.1	9
<b>Ti (%)</b>	0.211	0.345	0.175	0.216	0.258	0.205	0.28	0.23
<b>Tl (ppm)</b>	0.51	0.7	1.14	1.11	0.55	0.88	0.4	0.15
<b>U (ppm)</b>	4.4	2.8	4.4	2.6	3.5	2.8	3	3.9
<b>V (ppm)</b>	42	107	49	97	103	42	63	45
<b>W (ppm)</b>	1	4	1.6	1.8	3.7	0.8	0.7	1
<b>Y (ppm)</b>	5.2	1.6	5.2	2.1	4.5	5.7	6.6	3.6
<b>Zn (ppm)</b>	2	21	5	19	6	13	18	3
<b>Zr (ppm)</b>	32.3	9.9	33.8	16.7	17.2	36.5	40.9	27.9
<b>Al2O3 (%)</b>	13.24	12.24	13.32	13.30	13.09	13.64	13.28	13.24
<b>CaO (%)</b>	0.34	0.27	0.92	0.10	0.55	1.33	2.50	2.13
<b>FeO (%)</b>	1.68	4.48	2.34	2.24	0.91	1.68	2.57	1.07
<b>K2O (%)</b>	4.27	4.45	5.57	4.82	2.95	4.88	3.47	1.54
<b>MgO (%)</b>	0.27	0.86	0.43	0.88	0.55	0.56	1.19	0.70
<b>Na2O (%)</b>	3.10	0.44	1.21	0.13	3.55	3.42	3.96	4.39
<b>P2O5 (%)</b>	0.08	0.14	0.08	0.15	0.03	0.12	0.19	0.11
<b>TiO2 (%)</b>	0.35	0.58	0.29	0.36	0.43	0.34	0.47	0.38
<b>SO3 (%)</b>	0.03	1.20	0.03	0.68	0.15	0.05	0.03	0.05
<b>Total (%)</b>	23.36	24.65	24.19	22.65	22.21	26.03	27.67	23.61
<b>SiO2 (%)</b>	75.01	73.63	74.11	75.76	76.24	72.15	70.40	74.74
<b>Al_m</b>	0.26	0.24	0.26	0.26	0.26	0.27	0.26	0.26
<b>Ca_m</b>	0.01	0.00	0.02	0.00	0.01	0.02	0.04	0.04
<b>K_m</b>	0.09	0.09	0.12	0.10	0.06	0.10	0.07	0.03
<b>Na_m</b>	0.10	0.01	0.04	0.00	0.11	0.11	0.13	0.14
<b>K_Al</b>	0.35	0.39	0.45	0.39	0.24	0.39	0.28	0.13
<b>Na_Al</b>	0.39	0.06	0.15	0.02	0.45	0.41	0.49	0.55
<b>Plag</b>	0.41	0.08	0.21	0.02	0.48	0.50	0.66	0.69

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	302303	302512	302544	302435	303028	301552	301633	301665
<b>North (NAD 27)</b>	4319953	4319901	4320098	4320148	4320260	4319363	4319285	4319145
<b>Classification</b>	Plagioclase	Plagioclase	Plag-KSpar	Plagioclase	Plagioclase	Albite-KSpar-Sericite	Plag-KSpar	Plagioclase
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437063	H437064	H437065	H437066	H437067	H437068	H437069	H437070
<b>Lithology</b>	Porphyry	Bear (K-spar phenos)	Bear (K-spar phenos)	Porphyry	Porphyry	Porphyry	McLeod	Bear
<b>Ag (ppm)</b>	-0.01	-0.01	0.02	-0.01	0.02	0.01	0.01	0.01
<b>Al (%)</b>	7.14	6.89	6.65	7.14	6.73	6.76	7.12	6.7
<b>As (ppm)</b>	0.7	0.9	0.3	-0.2	0.7	1.4	3	-0.2
<b>Ba (ppm)</b>	200	180	1130	180	260	1500	1990	120
<b>Be (ppm)</b>	2.06	1.79	1.97	2.57	1.88	1.74	3.01	3.34
<b>Bi (ppm)</b>	0.05	0.09	0.09	0.04	0.09	0.63	0.32	0.06
<b>Ca (%)</b>	3.23	3.15	2.64	3.11	2.96	0.34	1.98	1.88
<b>Cd (ppm)</b>	0.04	0.03	0.03	0.04	0.03	0.02	0.04	0.03
<b>Ce (ppm)</b>	43.6	50.7	42	49.5	46.3	28	60	50.3
<b>Co (ppm)</b>	1.3	2.2	5.6	3.4	1.7	0.9	4.1	9.8
<b>Cr (ppm)</b>	15	18	14	15	22	12	11	15
<b>Cs (ppm)</b>	0.3	0.17	0.63	0.24	0.23	0.91	1.06	0.7
<b>Cu (ppm)</b>	27	54.7	17.3	4.4	205	24.2	135	142
<b>Fe (%)</b>	0.59	0.78	1.14	0.7	1.15	0.88	0.87	0.82
<b>Ga (ppm)</b>	22.3	22.6	23.1	20.9	24	21.3	22.8	21.6
<b>Ge (ppm)</b>	0.15	0.15	0.27	0.14	0.15	0.11	0.19	0.16
<b>Hf (ppm)</b>	1	0.9	0.8	1	1.5	1.4	1	0.8
<b>In (ppm)</b>	0.018	0.058	0.042	0.014	0.256	0.065	0.042	0.036
<b>K (%)</b>	0.2	0.18	2.29	0.17	0.26	2.3	4.39	0.19
<b>La (ppm)</b>	21.1	25.1	20.4	25.1	23.7	14.7	23.4	25.8
<b>Li (ppm)</b>	0.8	1.5	2.1	1.3	1.2	2.8	1.7	7.1
<b>Mg (%)</b>	0.6	0.72	0.6	0.77	0.53	0.15	0.74	1.05
<b>Mn (ppm)</b>	108	112	192	143	109	33	162	124
<b>Mo (ppm)</b>	0.97	0.94	0.86	0.88	0.61	1.96	2.16	0.72
<b>Na (%)</b>	4.19	4.09	3.07	4.2	4.34	3.5	2.66	3.87
<b>Nb (ppm)</b>	3.6	3.4	3.2	3.6	2.9	2.1	6.3	2
<b>Ni (ppm)</b>	8.8	7.9	10.4	9.5	9	2.1	10.2	15
<b>P (ppm)</b>	910	990	740	880	710	270	1080	850
<b>Pb (ppm)</b>	5.1	4.1	6.2	4.2	2.4	4.1	7.4	3.1
<b>Rb (ppm)</b>	2.7	1.7	52.4	2	5.4	64.8	108.5	5.6
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	-0.01	-0.01	0.01	-0.01	0.01	0.04	0.01	0.01
<b>Sb (ppm)</b>	0.45	0.46	0.59	0.34	1.04	0.56	0.65	0.39

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	302303	302512	302544	302435	303028	301552	301633	301665
<b>North (NAD 27)</b>	4319953	4319901	4320098	4320148	4320260	4319363	4319285	4319145
<b>Classification</b>	Plagioclase	Plagioclase	Plag-KSpar	Plagioclase	Plagioclase	Albite-KSpar-Sericite	Plag-KSpar	Plagioclase
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437063	H437064	H437065	H437066	H437067	H437068	H437069	H437070
<b>Lithology</b>	Porphyry	Bear (K-spar phenos)	Bear (K-spar phenos)	Porphyry	Porphyry	Porphyry	McLeod	Bear
<b>Sc (ppm)</b>	6.8	6.9	6.5	7.5	5.2	4.7	9.1	7.1
<b>Se (ppm)</b>	1	1	1	1	1	1	1	1
<b>Sn (ppm)</b>	1.3	1.4	0.9	1.1	1.2	0.7	1.7	0.6
<b>Sr (ppm)</b>	1245	1170	1060	1200	1135	671	744	931
<b>Ta (ppm)</b>	0.32	0.3	0.31	0.33	0.24	0.18	0.59	0.19
<b>Te (ppm)</b>	0.05	0.09	0.06	0.05	0.06	0.48	0.14	0.05
<b>Th (ppm)</b>	10.1	12.1	10.5	12.2	7.4	7.6	17	16.5
<b>Ti (%)</b>	0.301	0.297	0.264	0.299	0.246	0.182	0.368	0.151
<b>Tl (ppm)</b>	0.03	0.02	0.16	0.02	0.03	0.29	0.45	0.04
<b>U (ppm)</b>	2.9	2.6	2.9	2.5	3.6	3.7	5.8	3.2
<b>V (ppm)</b>	43	55	57	57	67	33	84	51
<b>W (ppm)</b>	0.3	0.4	0.3	0.3	0.4	1.8	1	0.6
<b>Y (ppm)</b>	8.3	7.9	7	7.7	6.5	2.5	17.9	11.5
<b>Zn (ppm)</b>	9	7	14	10	5	5	18	9
<b>Zr (ppm)</b>	13.7	12.2	11.6	14.7	31.9	28.9	20.2	14.6
<b>Al2O3 (%)</b>	13.49	13.02	12.56	13.49	12.71	12.77	13.45	12.66
<b>CaO (%)</b>	4.52	4.41	3.69	4.35	4.14	0.48	2.77	2.63
<b>FeO (%)</b>	0.76	1.00	1.47	0.90	1.48	1.13	1.12	1.05
<b>K2O (%)</b>	0.24	0.22	2.76	0.20	0.31	2.77	5.29	0.23
<b>MgO (%)</b>	0.99	1.19	0.99	1.28	0.88	0.25	1.23	1.74
<b>Na2O (%)</b>	5.65	5.51	4.14	5.66	5.85	4.72	3.59	5.22
<b>P2O5 (%)</b>	0.21	0.23	0.17	0.20	0.16	0.06	0.25	0.19
<b>TiO2 (%)</b>	0.50	0.50	0.44	0.50	0.41	0.30	0.61	0.25
<b>SO3 (%)</b>	-0.03	-0.03	0.03	-0.03	0.03	0.10	0.03	0.03
<b>Total (%)</b>	26.33	26.05	26.25	26.56	25.97	22.58	28.33	24.00
<b>SiO2 (%)</b>	71.82	72.13	71.91	71.58	72.21	75.84	69.69	74.32
<b>Al_m</b>	0.26	0.26	0.25	0.26	0.25	0.25	0.26	0.25
<b>Ca_m</b>	0.08	0.08	0.07	0.08	0.07	0.01	0.05	0.05
<b>K_m</b>	0.01	0.00	0.06	0.00	0.01	0.06	0.11	0.00
<b>Na_m</b>	0.18	0.18	0.13	0.18	0.19	0.15	0.12	0.17
<b>K_Al</b>	0.02	0.02	0.24	0.02	0.03	0.24	0.43	0.02
<b>Na_Al</b>	0.69	0.70	0.54	0.69	0.76	0.61	0.44	0.68
<b>Plag</b>	0.99	1.01	0.81	0.98	1.05	0.64	0.63	0.87

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	301651	301645	301532	301466	301349	301383	301372	301291	301144
<b>North (NAD 27)</b>	4319045	4318926	4318891	4318824	4318858	4318747	4318642	4318601	4318493
<b>Classification</b>	Plagioclase	Plag-KSpar	Plagioclase	Plag-KSpar	Plag-KSpar	Plagioclase	Plagioclase	Albite	Sericite
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437071	H437072	H437073	H437074	H437075	H437076	H437077	H437078	H437079
<b>Lithology</b>	Bear	Porphyry	Bear	Bear	McLeod	Porphyry	McLeod	McLeod	Bear
<b>Ag (ppm)</b>	0.01	-0.01	-0.01	0.04	0.08	0.04	-0.01	0.01	0.16
<b>Al (%)</b>	6.64	6.56	6.88	6.61	7.27	6.71	7.25	7.17	8.35
<b>As (ppm)</b>	-0.2	2	1.7	5.1	1.7	1.1	1.7	5.4	8.3
<b>Ba (ppm)</b>	150	1250	210	1170	1460	150	780	240	1180
<b>Be (ppm)</b>	2.65	2.14	2.35	2.24	2.39	2.2	2.39	2.47	1.69
<b>Bi (ppm)</b>	0.08	0.09	0.08	0.32	0.42	0.98	0.17	0.13	2.61
<b>Ca (%)</b>	3.53	1.67	2.84	2.4	2.78	1.56	1.89	0.42	0.08
<b>Cd (ppm)</b>	0.07	0.02	0.02	0.03	0.05	-0.02	0.02	-0.02	0.02
<b>Ce (ppm)</b>	39.4	47.6	56.6	44.4	52.4	36.1	53.5	56.2	37.8
<b>Co (ppm)</b>	3.3	2.8	2.2	7.4	13.3	0.4	9.4	8.9	0.9
<b>Cr (ppm)</b>	15	15	9	13	10	13	10	8	8
<b>Cs (ppm)</b>	0.29	1.04	0.53	2.03	1.48	0.47	1.36	1.16	1.94
<b>Cu (ppm)</b>	217	127	52.3	434	281	14.7	140.5	375	168.5
<b>Fe (%)</b>	0.53	0.94	0.82	1.5	2.81	1.89	1.67	1.97	3.31
<b>Ga (ppm)</b>	22.6	21.1	21.8	22.1	22.9	19.75	22.1	22.5	30.2
<b>Ge (ppm)</b>	0.18	0.16	0.15	0.18	0.21	0.14	0.18	0.15	0.14
<b>Hf (ppm)</b>	1.1	1	0.9	0.7	0.7	1.3	1.2	0.9	0.7
<b>In (ppm)</b>	0.037	0.046	0.033	0.071	0.11	0.02	0.031	0.03	0.229
<b>K (%)</b>	0.1	2.97	0.36	2.4	2.88	0.39	1.6	1.05	3.69
<b>La (ppm)</b>	14.5	23.2	24.6	21	25.8	18.8	27.6	28.4	19.1
<b>Li (ppm)</b>	1	3.2	3	9	6.6	2	6.1	8.5	6.5
<b>Mg (%)</b>	0.66	0.33	0.95	0.85	1.22	0.22	0.79	1.58	0.41
<b>Mn (ppm)</b>	154	107	115	183	409	50	211	122	78
<b>Mo (ppm)</b>	0.61	1.28	0.94	3.98	3	3.57	2.49	1.89	2.41
<b>Na (%)</b>	4	2.82	4.08	3.13	2.89	3.5	3.76	4.05	0.09
<b>Nb (ppm)</b>	5.1	4.7	5.9	5.2	4.6	1.3	5.1	4.9	3.3
<b>Ni (ppm)</b>	3.7	7.9	8.2	10.8	16.4	1.3	10.7	17.7	2.1
<b>P (ppm)</b>	210	630	1070	1020	1420	460	940	1260	580
<b>Pb (ppm)</b>	4.6	6.6	3.4	7.3	10	3.8	5.8	1.9	4.7
<b>Rb (ppm)</b>	1.1	68.8	8.6	64.7	80.7	12.5	50.4	58.1	195
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.02	0.01	0.01	0.01	0.01	0.36	0.02	0.01	0.04
<b>Sb (ppm)</b>	0.51	0.3	0.61	1.34	0.81	0.25	0.39	1.84	0.8

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	301651	301645	301532	301466	301349	301383	301372	301291	301144
<b>North (NAD 27)</b>	4319045	4318926	4318891	4318824	4318858	4318747	4318642	4318601	4318493
<b>Classification</b>	Plagioclase	Plag-KSpar	Plagioclase	Plag-KSpar	Plag-KSpar	Plagioclase	Plagioclase	Albite	Sericite
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437071	H437072	H437073	H437074	H437075	H437076	H437077	H437078	H437079
<b>Lithology</b>	Bear	Porphyry	Bear	Bear	McLeod	Porphyry	McLeod	McLeod	Bear
<b>Sc (ppm)</b>	14.7	6.4	9	8.8	11.8	3.6	8.3	9.3	10.5
<b>Se (ppm)</b>	1	1	1	1	2	4	2	1	2
<b>Sn (ppm)</b>	1.2	1	1.7	1.2	1.1	0.6	1	1	1.3
<b>Sr (ppm)</b>	1020	806	926	729	1005	1450	815	216	332
<b>Ta (ppm)</b>	0.45	0.45	0.53	0.45	0.37	0.11	0.49	0.44	0.32
<b>Te (ppm)</b>	0.05	0.09	0.06	0.22	0.27	0.69	0.14	0.08	1.71
<b>Th (ppm)</b>	13.6	15	11.5	13	10.2	7.8	14.6	16.5	7.4
<b>Ti (%)</b>	0.359	0.288	0.363	0.364	0.42	0.118	0.341	0.367	0.367
<b>Tl (ppm)</b>	0.03	0.24	0.05	0.28	0.3	0.05	0.17	0.21	0.81
<b>U (ppm)</b>	2.6	4.5	4.1	3.5	2.8	2.2	4.9	4.4	5.5
<b>V (ppm)</b>	38	54	63	89	110	29	79	91	105
<b>W (ppm)</b>	0.3	1	0.3	2.8	2.1	0.8	1.1	3.9	10.2
<b>Y (ppm)</b>	18	11.4	15	12	13.5	1.7	12.9	15	1.7
<b>Zn (ppm)</b>	12	11	9	22	40	5	16	17	5
<b>Zr (ppm)</b>	19.7	15.1	13.9	12.9	11.4	28	20.7	14.1	13.8
<b>Al2O3 (%)</b>	12.54	12.39	13.00	12.49	13.73	12.68	13.70	13.54	15.77
<b>CaO (%)</b>	4.94	2.34	3.97	3.36	3.89	2.18	2.64	0.59	0.11
<b>FeO (%)</b>	0.68	1.21	1.05	1.93	3.61	2.43	2.15	2.53	4.26
<b>K2O (%)</b>	0.12	3.58	0.43	2.89	3.47	0.47	1.93	1.27	4.45
<b>MgO (%)</b>	1.09	0.55	1.58	1.41	2.02	0.36	1.31	2.62	0.68
<b>Na2O (%)</b>	5.39	3.80	5.50	4.22	3.90	4.72	5.07	5.46	0.12
<b>P2O5 (%)</b>	0.05	0.14	0.25	0.23	0.33	0.11	0.22	0.29	0.13
<b>TiO2 (%)</b>	0.60	0.48	0.61	0.61	0.70	0.20	0.57	0.61	0.61
<b>SO3 (%)</b>	0.05	0.03	0.03	0.03	0.03	0.90	0.05	0.03	0.10
<b>Total (%)</b>	25.47	24.51	26.41	27.16	31.68	24.04	27.63	26.94	26.23
<b>SiO2 (%)</b>	72.75	73.77	71.74	70.94	66.11	74.27	70.44	71.18	71.93
<b>Al_m</b>	0.25	0.24	0.25	0.24	0.27	0.25	0.27	0.27	0.31
<b>Ca_m</b>	0.09	0.04	0.07	0.06	0.07	0.04	0.05	0.01	0.00
<b>K_m</b>	0.00	0.08	0.01	0.06	0.07	0.01	0.04	0.03	0.09
<b>Na_m</b>	0.17	0.12	0.18	0.14	0.13	0.15	0.16	0.18	0.00
<b>K_Al</b>	0.01	0.31	0.04	0.25	0.27	0.04	0.15	0.10	0.31
<b>Na_Al</b>	0.71	0.50	0.70	0.56	0.47	0.61	0.61	0.66	0.01
<b>Plag</b>	1.07	0.68	0.97	0.80	0.72	0.77	0.78	0.70	0.02

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	301760	301678	301512	301863	301706	301615	301562	301526	301690
<b>North (NAD 27)</b>	4318804	4318721	4318603	4320738	4320820	4320834	4320930	4320892	4320894
<b>Classification</b>	Albite-KSpar-Sericite	Plag-KSpar	Plag-KSpar	Plag-KSpar	Sericite	Albite	Sericite	Sericite	Plag-KSpar
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437080	H437081	H437082	H437083	H437084	H437085	H437086	H437087	H437088
<b>Lithology</b>	Porphyry	Bear	Bear	Porphyry	Bear	Bear?	Porphyry	Bear?	Porphyry
<b>Ag (ppm)</b>	0.02	-0.01	0.01	0.01	-0.01	-0.01	0.01	0.14	0.01
<b>Al (%)</b>	6.87	6.96	6.9	6.87	6.61	6.51	6.91	5.74	6.9
<b>As (ppm)</b>	1.7	1	2.6	1.2	3.2	6	4.8	1.1	2.4
<b>Ba (ppm)</b>	900	1510	1080	1780	550	140	1170	510	1930
<b>Be (ppm)</b>	1.74	2.49	2.15	1.79	2.11	2.38	1.93	0.76	1.63
<b>Bi (ppm)</b>	0.14	0.15	0.22	0.18	3.17	0.2	1.35	11.25	0.2
<b>Ca (%)</b>	0.75	2.08	2.04	1.97	0.08	0.32	0.07	0.09	1.88
<b>Cd (ppm)</b>	0.02	0.03	0.02	0.03	0.02	0.03	0.02	-0.02	0.03
<b>Ce (ppm)</b>	54.4	49	51.1	36.1	22.1	6.1	7.77	8.61	32.7
<b>Co (ppm)</b>	5.8	5.7	7.4	2.9	0.7	2.2	0.3	0.5	1.8
<b>Cr (ppm)</b>	13	14	10	10	8	8	8	5	11
<b>Cs (ppm)</b>	0.78	0.79	1.15	1.02	1.86	0.71	1.27	0.94	1.11
<b>Cu (ppm)</b>	172	69.3	1775	59.7	30.2	11.6	23.8	18.9	152
<b>Fe (%)</b>	1.35	1.66	1.6	1.51	0.9	0.59	1.96	0.9	1.53
<b>Ga (ppm)</b>	21.2	21.7	22.5	21	24.9	18.6	25.2	14.85	22.1
<b>Ge (ppm)</b>	0.16	0.17	0.18	0.17	0.12	0.1	0.11	0.1	0.17
<b>Hf (ppm)</b>	0.7	1.4	1.2	1.4	2.1	1.7	1.7	2.4	1.4
<b>In (ppm)</b>	0.034	0.036	0.039	0.026	0.059	0.022	0.031	0.035	0.027
<b>K (%)</b>	2.18	3.26	2.24	2.64	3.07	0.71	3.74	2.81	2.84
<b>La (ppm)</b>	29.2	25.3	24.1	18.7	11.1	2.5	4.5	4.3	16.4
<b>Li (ppm)</b>	5.2	2.4	7.9	3.1	9.8	5.2	7.7	6.9	4.5
<b>Mg (%)</b>	0.87	0.64	0.81	0.37	0.57	0.53	0.45	0.26	0.39
<b>Mn (ppm)</b>	128	213	210	221	65	42	61	31	235
<b>Mo (ppm)</b>	1.81	1.63	1.7	1.35	8.34	1.65	1.52	6.54	0.41
<b>Na (%)</b>	3.38	2.85	3.11	2.67	0.12	3.54	0.05	0.07	2.72
<b>Nb (ppm)</b>	3.4	4.1	5.2	2.6	2.3	2.5	2.5	3	2.6
<b>Ni (ppm)</b>	12.6	11.1	13.1	9.2	5.9	6	1.8	1.3	10.4
<b>P (ppm)</b>	850	800	1050	690	350	730	240	100	690
<b>Pb (ppm)</b>	3.5	8.3	6.7	6	2.8	3	3.1	2.7	5.9
<b>Rb (ppm)</b>	65.5	84.5	62.8	65.2	152	41.1	141.5	111	73.5
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.01	0.01	-0.01	0.01	0.04	0.03	0.1	0.05	0.02
<b>Sb (ppm)</b>	0.67	0.31	0.52	1.09	1.37	0.99	1.56	1.19	1.51

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	301760	301678	301512	301863	301706	301615	301562	301526	301690
<b>North (NAD 27)</b>	4318804	4318721	4318603	4320738	4320820	4320834	4320930	4320892	4320894
<b>Classification</b>	Albite-KSpar-Sericite	Plag-KSpar	Plag-KSpar	Plag-KSpar	Sericite	Albite	Sericite	Sericite	Plag-KSpar
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437080	H437081	H437082	H437083	H437084	H437085	H437086	H437087	H437088
<b>Lithology</b>	Porphyry	Bear	Bear	Porphyry	Bear	Bear?	Porphyry	Bear?	Porphyry
<b>Sc (ppm)</b>	6.7	6.9	8.8	5.2	6.9	5.5	5.2	5.5	5.4
<b>Se (ppm)</b>	1	1	1	1	2	1	3	3	1
<b>Sn (ppm)</b>	1	1	1.2	0.7	1.6	1.1	0.8	1.2	0.6
<b>Sr (ppm)</b>	546	974	866	890	48.2	143	37.6	39.6	754
<b>Ta (ppm)</b>	0.3	0.36	0.49	0.22	0.25	0.22	0.21	0.33	0.22
<b>Te (ppm)</b>	0.1	0.11	0.11	0.06	1.01	0.15	1.31	2.66	0.06
<b>Th (ppm)</b>	10.6	13.1	15.1	7.8	19.1	17.6	5.9	6.7	7.1
<b>Ti (%)</b>	0.275	0.281	0.341	0.214	0.158	0.175	0.208	0.159	0.215
<b>Tl (ppm)</b>	0.25	0.26	0.21	0.35	0.91	0.23	0.61	0.76	0.43
<b>U (ppm)</b>	3.4	4.3	6.1	3.4	3	4.9	3.2	2.9	3
<b>V (ppm)</b>	56	60	76	51	67	44	51	57	51
<b>W (ppm)</b>	1.7	0.8	0.8	0.6	3.8	4.2	1.7	1.4	0.6
<b>Y (ppm)</b>	8.8	9.3	14.6	5.9	3.8	4.4	1.8	3.3	7.2
<b>Zn (ppm)</b>	12	20	25	12	6	5	4	3	19
<b>Zr (ppm)</b>	10.9	30.6	20.9	28.8	51.8	38.3	37	62.3	29.9
<b>Al<sub>2</sub>O<sub>3</sub> (%)</b>	12.98	13.15	13.03	12.98	12.49	12.30	13.05	10.84	13.03
<b>CaO (%)</b>	1.05	2.91	2.85	2.76	0.11	0.45	0.10	0.13	2.63
<b>FeO (%)</b>	1.74	2.13	2.06	1.94	1.16	0.76	2.52	1.16	1.97
<b>K<sub>2</sub>O (%)</b>	2.63	3.93	2.70	3.18	3.70	0.86	4.51	3.39	3.42
<b>MgO (%)</b>	1.44	1.06	1.34	0.61	0.95	0.88	0.75	0.43	0.65
<b>Na<sub>2</sub>O (%)</b>	4.56	3.84	4.19	3.60	0.16	4.77	0.07	0.09	3.67
<b>P<sub>2</sub>O<sub>5</sub> (%)</b>	0.19	0.18	0.24	0.16	0.08	0.17	0.05	0.02	0.16
<b>TiO<sub>2</sub> (%)</b>	0.46	0.47	0.57	0.36	0.26	0.29	0.35	0.27	0.36
<b>SO<sub>3</sub> (%)</b>	0.03	0.03	-0.03	0.03	0.10	0.08	0.25	0.13	0.05
<b>Total (%)</b>	25.07	27.70	26.96	25.61	19.01	20.54	21.64	16.45	25.93
<b>SiO<sub>2</sub> (%)</b>	73.18	70.36	71.15	72.60	79.66	78.02	76.84	82.40	72.25
<b>Al_m</b>	0.25	0.26	0.26	0.25	0.24	0.24	0.26	0.21	0.26
<b>Ca_m</b>	0.02	0.05	0.05	0.05	0.00	0.01	0.00	0.00	0.05
<b>K_m</b>	0.06	0.08	0.06	0.07	0.08	0.02	0.10	0.07	0.07
<b>Na_m</b>	0.15	0.12	0.14	0.12	0.01	0.15	0.00	0.00	0.12
<b>K_Al</b>	0.22	0.32	0.22	0.27	0.32	0.08	0.37	0.34	0.28
<b>Na_Al</b>	0.58	0.48	0.53	0.46	0.02	0.64	0.01	0.01	0.46
<b>Plag</b>	0.65	0.68	0.73	0.65	0.03	0.67	0.02	0.02	0.65

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	301417	301283	301169	301121	301247	301202	301046	301043
<b>North (NAD 27)</b>	4321183	4321168	4321164	4321348	4321365	4319886	4320049	4320029
<b>Classification</b>	Albite-KSpar-Sericite	Sericite	Sericite	Sericite	Sericite	Albite-KSpar-Sericite	Plag-KSpar	Sericite
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437089	H437090	H437091	H437092	H437093	H437094	H437095	H437096
<b>Lithology</b>	Bear	Bear	Bear	Bear? Artesia?	Bear? Artesia?	Porphyry	Bear	Bear
<b>Ag (ppm)</b>	0.04	0.14	0.48	0.01	0.02	0.02	0.04	0.2
<b>Al (%)</b>	6.42	1.88	9.1	8.36	7.39	6.63	7.42	4.3
<b>As (ppm)</b>	2.1	5.8	36.3	20.7	48.5	4.2	8.6	8.2
<b>Ba (ppm)</b>	1040	920	6020	470	760	1960	1290	270
<b>Be (ppm)</b>	2.25	0.16	0.94	1.1	2.4	1.65	1.99	0.3
<b>Bi (ppm)</b>	1.09	0.17	0.55	0.5	0.42	0.44	0.19	0.69
<b>Ca (%)</b>	0.11	0.05	0.14	0.39	0.24	0.34	3.04	0.05
<b>Cd (ppm)</b>	0.02	0.02	0.03	-0.02	-0.02	0.04	0.05	0.02
<b>Ce (ppm)</b>	46	20.4	59	29.4	50	22.4	64.9	17.65
<b>Co (ppm)</b>	0.5	0.4	8.6	2.7	1.3	0.6	17.4	0.6
<b>Cr (ppm)</b>	4	18	28	77	8	18	10	12
<b>Cs (ppm)</b>	1.78	0.22	0.58	1.64	1.11	0.61	0.68	0.52
<b>Cu (ppm)</b>	70.9	98.2	359	64.9	15.8	34.3	120	85.2
<b>Fe (%)</b>	1.34	1.35	5.41	2.99	1.65	1.01	4.15	2.02
<b>Ga (ppm)</b>	21.1	2.5	9.62	23	29.1	21.6	24	4.99
<b>Ge (ppm)</b>	0.16	0.13	0.26	0.13	0.14	0.11	0.25	0.13
<b>Hf (ppm)</b>	3.6	1.3	0.5	0.3	2.8	1.8	1.4	0.4
<b>In (ppm)</b>	0.024	-0.005	0.011	0.099	0.058	0.017	0.044	-0.005
<b>K (%)</b>	2.72	0.88	4.24	2.2	3.12	2.97	2.76	1.78
<b>La (ppm)</b>	31.5	10.1	25	12.6	23.4	12.7	31.2	8.6
<b>Li (ppm)</b>	2.7	0.6	2.1	14.3	7.6	1.4	2.9	1.6
<b>Mg (%)</b>	0.19	0.02	0.1	0.74	0.64	0.05	1.3	0.05
<b>Mn (ppm)</b>	29	41	29	76	36	38	486	28
<b>Mo (ppm)</b>	7.2	5.05	40	7.45	1.69	3.57	2.18	4.1
<b>Na (%)</b>	2.46	0.07	0.13	0.37	0.24	3.55	3.19	0.05
<b>Nb (ppm)</b>	3.9	1.3	0.5	1.2	2.5	3.3	5.1	1.7
<b>Ni (ppm)</b>	1.2	1	10.4	12.2	7.5	3.1	17.7	1.3
<b>P (ppm)</b>	430	470	1260	1040	290	140	1480	520
<b>Pb (ppm)</b>	9.4	9.6	11.3	25.6	8	5.6	9.4	5.4
<b>Rb (ppm)</b>	91.7	24.1	88.7	77.5	90.2	74.8	80.8	58.8
<b>Re (ppm)</b>	-0.002	-0.002	0.006	0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.03	0.36	0.21	0.04	0.1	0.04	0.02	0.04
<b>Sb (ppm)</b>	0.81	5.03	5.91	2.86	17.55	0.79	2.77	6.73

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	301417	301283	301169	301121	301247	301202	301046	301043
<b>North (NAD 27)</b>	4321183	4321168	4321164	4321348	4321365	4319886	4320049	4320029
<b>Classification</b>	Albite-KSpar-Sericite	Sericite	Sericite	Sericite	Sericite	Albite-KSpar-Sericite	Plag-KSpar	Sericite
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437089	H437090	H437091	H437092	H437093	H437094	H437095	H437096
<b>Lithology</b>	Bear	Bear	Bear	Bear? Artesia?	Bear? Artesia?	Porphyry	Bear	Bear
<b>Sc (ppm)</b>	6.6	2	1.5	10.3	12.3	3.5	14.6	3
<b>Se (ppm)</b>	8	14	19	1	3	2	3	4
<b>Sn (ppm)</b>	1	0.4	0.9	3.8	0.9	0.8	1.1	0.8
<b>Sr (ppm)</b>	255	83.9	96.5	75.2	63.4	572	936	59.6
<b>Ta (ppm)</b>	0.41	0.15	-0.05	0.1	0.19	0.25	0.35	0.11
<b>Te (ppm)</b>	0.2	1.57	0.51	0.31	1.69	0.15	0.17	0.51
<b>Th (ppm)</b>	17.5	8.6	7	2.5	10.1	10	14.2	3.8
<b>Ti (%)</b>	0.212	0.058	0.087	0.182	0.229	0.232	0.438	0.159
<b>Tl (ppm)</b>	0.54	0.27	0.93	1.75	0.84	0.47	0.31	0.32
<b>U (ppm)</b>	4.2	1.3	1.2	2.5	3.9	4.8	4.6	0.8
<b>V (ppm)</b>	56	25	133	98	136	28	153	52
<b>W (ppm)</b>	1.5	0.4	2.2	6.8	0.9	1	1.3	1.6
<b>Y (ppm)</b>	4.9	0.9	3.1	6.9	5.2	1.7	16.1	0.9
<b>Zn (ppm)</b>	8	2	44	19	7	8	29	4
<b>Zr (ppm)</b>	88.4	39.4	16.7	10.1	87.8	40.8	36.4	10
<b>Al2O3 (%)</b>	12.13	3.55	17.19	15.79	13.96	12.52	14.02	8.12
<b>CaO (%)</b>	0.15	0.07	0.20	0.55	0.34	0.48	4.25	0.07
<b>FeO (%)</b>	1.72	1.74	6.96	3.85	2.12	1.30	5.34	2.60
<b>K2O (%)</b>	3.28	1.06	5.11	2.65	3.76	3.58	3.33	2.14
<b>MgO (%)</b>	0.32	0.03	0.17	1.23	1.06	0.08	2.16	0.08
<b>Na2O (%)</b>	3.32	0.09	0.18	0.50	0.32	4.79	4.30	0.07
<b>P2O5 (%)</b>	0.10	0.11	0.29	0.24	0.07	0.03	0.34	0.12
<b>TiO2 (%)</b>	0.35	0.10	0.15	0.30	0.38	0.39	0.73	0.27
<b>SO3 (%)</b>	0.08	0.90	0.53	0.10	0.25	0.10	0.05	0.10
<b>Total (%)</b>	21.44	7.65	30.75	25.20	22.26	23.26	34.51	13.57
<b>SiO2 (%)</b>	77.06	91.81	67.10	73.03	76.18	75.11	63.08	85.48
<b>Al_m</b>	0.24	0.07	0.34	0.31	0.27	0.25	0.27	0.16
<b>Ca_m</b>	0.00	0.00	0.00	0.01	0.01	0.01	0.08	0.00
<b>K_m</b>	0.07	0.02	0.11	0.06	0.08	0.08	0.07	0.05
<b>Na_m</b>	0.11	0.00	0.01	0.02	0.01	0.15	0.14	0.00
<b>K_Al</b>	0.29	0.32	0.32	0.18	0.29	0.31	0.26	0.29
<b>Na_Al</b>	0.45	0.04	0.02	0.05	0.04	0.63	0.50	0.01
<b>Plag</b>	0.46	0.06	0.03	0.08	0.06	0.66	0.78	0.02

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	300912	300826	300801	300804	300914	300938	300938	300950
<b>North (NAD 27)</b>	4320004	4319942	4320058	4320110	4320805	4320966	4320760	4320690
<b>Classification</b>	Pyroph/Alun/Topaz	Albite-KSpar-Sericite	Sericite	Albite	Sericite-Albite	Sericite-Albite	Sericite	Plag-KSpar
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437097	H437098	H437099	H437100	H437101	H437102	H437103	H437104
<b>Lithology</b>	Bear?	Bear	Bear (graphic txt.)	Porphyry	Porphyry (Blue Hill)	Artesia Andesite	Artesia Andesite	Artesia Andesite ± Volc Ss
<b>Ag (ppm)</b>	0.01	0.02	-0.01	0.01	0.01	0.02	0.07	0.1
<b>Al (%)</b>	4.37	7.1	7.7	5.86	7.42	7.76	7.77	7.3
<b>As (ppm)</b>	3.7	2.6	6.5	4.5	1	3.5	7.8	11.4
<b>Ba (ppm)</b>	620	2080	880	120	1420	740	440	3130
<b>Be (ppm)</b>	0.13	1.44	2.21	0.92	1.43	0.7	0.58	1.26
<b>Bi (ppm)</b>	0.04	0.23	0.85	1.2	0.06	0.98	2.54	0.12
<b>Ca (%)</b>	0.36	0.23	0.14	0.18	0.17	0.16	0.05	2.26
<b>Cd (ppm)</b>	1.57	0.02	0.03	0.04	0.04	0.02	-0.02	0.09
<b>Ce (ppm)</b>	45.6	14.65	53.1	22.5	48.7	30.9	26.6	54.7
<b>Co (ppm)</b>	0.3	0.5	0.5	0.9	3.1	0.7	0.2	18
<b>Cr (ppm)</b>	11	8	7	9	8	39	47	109
<b>Cs (ppm)</b>	0.12	1.16	1.89	0.38	1.53	1.09	1.19	1.61
<b>Cu (ppm)</b>	16.4	47.4	96.8	148	8.2	13.7	37.7	70
<b>Fe (%)</b>	0.34	1.49	2.34	1.49	2.55	0.63	1.6	4.01
<b>Ga (ppm)</b>	4.09	22.4	26.1	17.3	21.2	26.3	12.9	20.6
<b>Ge (ppm)</b>	0.21	0.12	0.16	0.14	0.16	0.13	0.12	0.23
<b>Hf (ppm)</b>	0.4	1.7	1.1	1.5	1.5	0.8	0.7	0.9
<b>In (ppm)</b>	-0.005	0.022	0.054	0.008	0.053	0.097	0.028	0.091
<b>K (%)</b>	0.3	2.97	3.84	0.23	1.95	2.2	1.98	2.14
<b>La (ppm)</b>	20.7	9	25.2	12.1	25.9	14.1	12.7	26.5
<b>Li (ppm)</b>	5.5	1.8	3.4	2.1	4.8	4.7	7.3	7.5
<b>Mg (%)</b>	0.03	0.08	0.36	0.04	0.49	0.25	0.06	2.65
<b>Mn (ppm)</b>	17	60	56	39	69	23	12	1305
<b>Mo (ppm)</b>	1.33	2.45	9.67	2.01	0.26	0.94	2.72	1.54
<b>Na (%)</b>	0.06	3.2	0.38	4.83	2.52	1.97	1.11	2.67
<b>Nb (ppm)</b>	1.9	3	4.1	2.6	1.3	2.1	1.1	3.7
<b>Ni (ppm)</b>	0.9	1.1	1.7	1.3	7.9	6.5	0.9	96.3
<b>P (ppm)</b>	7200	350	500	260	270	300	1060	1940
<b>Pb (ppm)</b>	62.9	6.2	3.8	4.2	9.7	99.3	96.9	32
<b>Rb (ppm)</b>	7.6	77	190	9.7	77.2	55.9	51.4	46.5
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	0.002	-0.002	-0.002
<b>S (%)</b>	0.65	0.02	0.07	0.05	0.01	0.07	0.5	0.03
<b>Sb (ppm)</b>	1.33	0.68	1.72	0.53	1.19	7.79	4.95	6.85

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	300912	300826	300801	300804	300914	300938	300938	300950
<b>North (NAD 27)</b>	4320004	4319942	4320058	4320110	4320805	4320966	4320760	4320690
<b>Classification</b>	Pyroph/Alun/Topaz	Albite-KSpar-Sericite	Sericite	Albite	Sericite-Albite	Sericite-Albite	Sericite	Plag-KSpar
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437097	H437098	H437099	H437100	H437101	H437102	H437103	H437104
<b>Lithology</b>	Bear?	Bear	Bear (graphic txt.)	Porphyry	Porphyry (Blue Hill)	Artesia Andesite	Artesia Andesite	Artesia Andesite ± Volc Ss
<b>Sc (ppm)</b>	1.3	4.7	10.3	3.6	5.1	8.8	3.1	13.8
<b>Se (ppm)</b>	1	7	3	3	1	2	3	1
<b>Sn (ppm)</b>	0.4	0.7	0.8	0.5	0.6	1.3	1.5	1.9
<b>Sr (ppm)</b>	4600	599	90.8	261	269	170	690	921
<b>Ta (ppm)</b>	0.13	0.22	0.32	0.18	0.1	0.14	0.07	0.22
<b>Te (ppm)</b>	0.08	0.56	0.53	0.13	-0.05	0.22	0.51	-0.05
<b>Th (ppm)</b>	8.9	7	17.9	7.1	7	2.8	2.6	2.7
<b>Ti (%)</b>	0.157	0.224	0.25	0.187	0.112	0.277	0.152	0.489
<b>Tl (ppm)</b>	0.03	0.49	0.65	0.04	0.77	1.46	0.91	0.71
<b>U (ppm)</b>	2	4	5.6	2.6	2.6	1.4	0.8	1.7
<b>V (ppm)</b>	72	44	105	30	48	87	89	129
<b>W (ppm)</b>	2	0.9	3.1	2.8	0.9	0.8	0.6	2.3
<b>Y (ppm)</b>	6.4	2.8	7.2	3.3	4	2.9	1.3	11.9
<b>Zn (ppm)</b>	3	8	8	3	17	8	-2	158
<b>Zr (ppm)</b>	10.4	37.9	27.1	34.2	36.5	26.2	21.8	23.9
<b>Al2O3 (%)</b>	8.25	13.41	14.55	11.07	14.02	14.66	14.68	13.79
<b>CaO (%)</b>	0.50	0.32	0.20	0.25	0.24	0.22	0.07	3.16
<b>FeO (%)</b>	0.44	1.92	3.01	1.92	3.28	0.81	2.06	5.16
<b>K2O (%)</b>	0.36	3.58	4.63	0.28	2.35	2.65	2.39	2.58
<b>MgO (%)</b>	0.05	0.13	0.60	0.07	0.81	0.41	0.10	4.39
<b>Na2O (%)</b>	0.08	4.31	0.51	6.51	3.40	2.66	1.50	3.60
<b>P2O5 (%)</b>	1.65	0.08	0.11	0.06	0.06	0.07	0.24	0.44
<b>TiO2 (%)</b>	0.26	0.37	0.42	0.31	0.19	0.46	0.25	0.82
<b>SO3 (%)</b>	1.63	0.05	0.18	0.13	0.03	0.18	1.25	0.08
<b>Total (%)</b>	13.22	24.18	24.19	20.59	24.37	22.12	22.53	34.01
<b>SiO2 (%)</b>	85.85	74.13	74.11	77.97	73.93	76.33	75.89	63.60
<b>Al_m</b>	0.16	0.26	0.29	0.22	0.27	0.29	0.29	0.27
<b>Ca_m</b>	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.06
<b>K_m</b>	0.01	0.08	0.10	0.01	0.05	0.06	0.05	0.05
<b>Na_m</b>	0.00	0.14	0.02	0.21	0.11	0.09	0.05	0.12
<b>K_Al</b>	0.05	0.29	0.35	0.03	0.18	0.20	0.18	0.20
<b>Na_Al</b>	0.02	0.53	0.06	0.97	0.40	0.30	0.17	0.43
<b>Plag</b>	0.07	0.55	0.07	0.99	0.41	0.31	0.17	0.64

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	300944	300952	301084	300746	300911	300632	300593	300375
<b>North (NAD 27)</b>	4320518	4320487	4320446	4320179	4320308	4320328	4320142	4319862
<b>Classification</b>	Sericite	Plag-KSpar	Sericite	Albite	Sericite-Albite	Sericite	Albite	Albite
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437105	H437106	H437107	H437108	H437109	H437110	H437111	H437112
<b>Lithology</b>	Artesia Andesite	Artesia Andesite	McLeod QMD	Porphyry, mafic (or QMDP)	Artesia Andesite	Artesia Andesite	Artesia Andesite (@ct with Ppy)	Porphyry at ct
<b>Ag (ppm)</b>	0.31	0.09	0.57	0.88	0.03	0.02	0.14	0.05
<b>Al (%)</b>	8.38	7.59	8.27	6.31	7.53	7.28	6.66	7.05
<b>As (ppm)</b>	47.6	13.5	16.6	18	7.2	42	5.9	12.9
<b>Ba (ppm)</b>	2770	2680	2120	570	1510	740	630	340
<b>Be (ppm)</b>	2	1.42	0.61	0.88	1.65	2.08	1.11	1.5
<b>Bi (ppm)</b>	1.04	0.19	0.2	1.29	0.02	0.35	0.44	0.24
<b>Ca (%)</b>	0.42	2.28	0.32	0.48	0.95	0.32	0.65	0.3
<b>Cd (ppm)</b>	0.03	0.11	-0.02	0.05	0.4	0.52	0.03	0.02
<b>Ce (ppm)</b>	58	47.7	37.3	45.8	53.1	28.9	33.5	41
<b>Co (ppm)</b>	5.6	6.3	6.4	11.4	15.6	2.3	3	2.7
<b>Cr (ppm)</b>	38	52	21	57	59	25	13	8
<b>Cs (ppm)</b>	1.37	1.53	1.25	1.15	1.56	1.56	1.05	1
<b>Cu (ppm)</b>	302	396	504	5330	86.9	48	857	256
<b>Fe (%)</b>	3.26	3.05	1.19	4.83	4.92	1.87	3.14	1.89
<b>Ga (ppm)</b>	26.8	23.8	7.8	23	22.2	19.6	20.9	20.4
<b>Ge (ppm)</b>	0.21	0.24	0.13	0.21	0.21	0.15	0.18	0.15
<b>Hf (ppm)</b>	0.9	1	0.7	1.3	1.1	0.7	1.4	1.2
<b>In (ppm)</b>	0.056	0.037	0.02	0.13	0.098	0.094	0.051	0.019
<b>K (%)</b>	3.42	4.03	3.15	0.78	2.57	2.4	1.06	0.94
<b>La (ppm)</b>	24.1	23	18.3	22.2	31.8	12.6	18.8	20.1
<b>Li (ppm)</b>	11.3	5	5.4	13.3	8.6	15.8	8.8	6.4
<b>Mg (%)</b>	0.79	1.46	0.46	2.09	1.1	1.71	1.3	0.59
<b>Mn (ppm)</b>	45	735	146	600	401	485	366	54
<b>Mo (ppm)</b>	6.1	3.11	2.29	1.98	1.63	1.58	5.79	0.78
<b>Na (%)</b>	0.45	2.95	0.71	2.27	1.83	0.26	2.95	4.18
<b>Nb (ppm)</b>	1.3	4.5	1.5	2.7	1.2	1.6	2.7	2.5
<b>Ni (ppm)</b>	16.7	54.9	6.8	49.7	41.4	21.4	15.7	8.2
<b>P (ppm)</b>	840	1680	1060	490	750	1360	650	480
<b>Pb (ppm)</b>	18.1	10.3	17.2	5.3	7.7	6.8	5.1	3.6
<b>Rb (ppm)</b>	97.9	84.7	83.7	22.5	95.8	87.6	44.7	40.4
<b>Re (ppm)</b>	-0.002	0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.32	0.02	0.11	0.03	0.07	0.04	0.01	0.01
<b>Sb (ppm)</b>	17.7	2.86	15.4	10.05	2.04	3	1.49	0.7

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	300944	300952	301084	300746	300911	300632	300593	300375
<b>North (NAD 27)</b>	4320518	4320487	4320446	4320179	4320308	4320328	4320142	4319862
<b>Classification</b>	Sericite	Plag-KSpar	Sericite	Albite	Sericite-Albite	Sericite	Albite	Albite
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437105	H437106	H437107	H437108	H437109	H437110	H437111	H437112
<b>Lithology</b>	Artesia Andesite	Artesia Andesite	McLeod QMD	Porphyry, mafic (or QMDP)	Artesia Andesite	Artesia Andesite	Artesia Andesite (@ct with Ppy)	Porphyry at ct
<b>Sc (ppm)</b>	8.6	16.1	7.7	8	11.6	10	6.3	5.6
<b>Se (ppm)</b>	9	3	3	2	1	3	1	1
<b>Sn (ppm)</b>	1.3	0.7	0.6	2	0.9	1	0.7	0.6
<b>Sr (ppm)</b>	117	1055	1150	207	186.5	176.5	256	337
<b>Ta (ppm)</b>	0.07	0.27	0.11	0.17	0.08	0.11	0.19	0.19
<b>Te (ppm)</b>	1.15	0.07	0.63	0.32	-0.05	0.06	0.09	0.08
<b>Th (ppm)</b>	5	3.4	3.3	4	3.3	3.9	6.4	8.1
<b>Ti (%)</b>	0.155	0.568	0.296	0.284	0.167	0.174	0.24	0.209
<b>Tl (ppm)</b>	0.66	0.5	0.55	0.13	1.06	2.45	0.25	0.17
<b>U (ppm)</b>	3.7	2	1.6	4.5	3.3	2.7	3.6	2.9
<b>V (ppm)</b>	120	151	111	101	99	90	73	69
<b>W (ppm)</b>	1.4	1.5	2.3	6.9	1.2	2	4.7	2.8
<b>Y (ppm)</b>	3.7	14.7	2.3	6.7	5.8	3.3	4.8	7.7
<b>Zn (ppm)</b>	11	85	19	95	66	84	50	7
<b>Zr (ppm)</b>	29.3	24.4	18.2	36.6	34.5	22.3	39.7	30.4
<b>Al2O3 (%)</b>	15.83	14.34	15.62	11.92	14.22	13.75	12.58	13.32
<b>CaO (%)</b>	0.59	3.19	0.45	0.67	1.33	0.45	0.91	0.42
<b>FeO (%)</b>	4.19	3.92	1.53	6.21	6.33	2.40	4.04	2.43
<b>K2O (%)</b>	4.12	4.86	3.80	0.94	3.10	2.89	1.28	1.13
<b>MgO (%)</b>	1.31	2.42	0.76	3.47	1.82	2.84	2.16	0.98
<b>Na2O (%)</b>	0.61	3.98	0.96	3.06	2.47	0.35	3.98	5.63
<b>P2O5 (%)</b>	0.19	0.38	0.24	0.11	0.17	0.31	0.15	0.11
<b>TiO2 (%)</b>	0.26	0.95	0.49	0.47	0.28	0.29	0.40	0.35
<b>SO3 (%)</b>	0.80	0.05	0.28	0.08	0.18	0.10	0.03	0.03
<b>Total (%)</b>	27.90	34.09	24.13	26.93	29.89	23.38	25.51	24.40
<b>SiO2 (%)</b>	70.15	63.53	74.18	71.19	68.01	74.98	72.70	73.90
<b>Al_m</b>	0.31	0.28	0.31	0.23	0.28	0.27	0.25	0.26
<b>Ca_m</b>	0.01	0.06	0.01	0.01	0.02	0.01	0.02	0.01
<b>K_m</b>	0.09	0.10	0.08	0.02	0.07	0.06	0.03	0.02
<b>Na_m</b>	0.02	0.13	0.03	0.10	0.08	0.01	0.13	0.18
<b>K_Al</b>	0.28	0.37	0.26	0.09	0.24	0.23	0.11	0.09
<b>Na_Al</b>	0.06	0.46	0.10	0.42	0.29	0.04	0.52	0.70
<b>Plag</b>	0.10	0.66	0.13	0.47	0.37	0.07	0.59	0.72

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	300396	301454	301484	301494	302735	302824	302878	301522
<b>North (NAD 27)</b>	4319865	4319918	4319997	4320087	4319528	4319677	4319803	4319292
<b>Classification</b>	Pyroph/Alun/Topaz	Albite-KSpar-Sericite	Plag-KSpar	Plag-KSpar	Albite	Albite	Plagioclase	Albite-KSpar-Sericite
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437113	H437114	H437115	H437116	H437117	H437118	H437119	H437120
<b>Lithology</b>	Porphyry at ct	Porphyry	Porphyry	McLeod QMD	Bear QM	Bear QM	Bear QM (just w of BH fault)	Bear QM
<b>Ag (ppm)</b>	0.02	0.04	0.01	0.04	0.01	0.41	0.01	0.03
<b>Al (%)</b>	2.96	7	6.96	7.29	6.91	6.82	6.15	7.24
<b>As (ppm)</b>	5.1	10.3	6.8	7.2	-0.2	-0.2	2.4	6
<b>Ba (ppm)</b>	230	2660	2120	760	650	170	350	1610
<b>Be (ppm)</b>	0.18	1.7	1.49	2.46	1.8	1.83	1.44	2.03
<b>Bi (ppm)</b>	0.04	0.61	0.19	0.45	0.04	0.03	0.18	0.32
<b>Ca (%)</b>	0.24	0.53	1.62	2.8	1.29	0.9	1.58	0.87
<b>Cd (ppm)</b>	0.02	0.06	0.04	0.04	0.02	0.02	0.03	0.02
<b>Ce (ppm)</b>	31.7	35	37.2	64	37.9	16.55	28.6	51
<b>Co (ppm)</b>	0.5	1.6	6.3	10.7	2.6	0.7	2.4	5.4
<b>Cr (ppm)</b>	39	12	12	8	12	13	11	7
<b>Cs (ppm)</b>	0.14	0.88	1	1.19	0.7	0.47	0.48	2.39
<b>Cu (ppm)</b>	15.6	17.4	41.2	192	22	8.6	14.2	340
<b>Fe (%)</b>	0.35	1.24	1.63	2.75	0.69	0.29	0.67	1.92
<b>Ga (ppm)</b>	4.56	19.7	21.1	24.1	21.8	18.2	17.9	23.2
<b>Ge (ppm)</b>	0.1	0.12	0.16	0.23	0.17	0.13	0.15	0.2
<b>Hf (ppm)</b>	0.9	1.5	1.2	0.7	0.9	0.6	0.7	0.8
<b>In (ppm)</b>	-0.005	0.064	0.032	0.067	0.034	0.012	0.018	0.059
<b>K (%)</b>	0.37	3.18	2.64	1.78	1.09	0.53	0.73	3.54
<b>La (ppm)</b>	15.8	19.9	20.1	28.5	19.5	8.4	13.5	25
<b>Li (ppm)</b>	1.3	2.3	5.1	5.2	6	2.8	3.5	5.1
<b>Mg (%)</b>	0.02	0.16	0.57	1.15	0.5	0.36	0.72	0.45
<b>Mn (ppm)</b>	38	96	328	368	88	50	104	115
<b>Mo (ppm)</b>	5.02	1.48	1.21	3.76	0.74	0.41	0.78	4.26
<b>Na (%)</b>	0.16	3.09	2.86	3.2	4.13	4.55	3.72	2.6
<b>Nb (ppm)</b>	3.7	2.9	3.1	8.1	3.5	2.7	3.1	5.7
<b>Ni (ppm)</b>	1.6	2.2	8.4	12	7.4	3.5	7.4	8.3
<b>P (ppm)</b>	810	610	660	1480	860	790	740	780
<b>Pb (ppm)</b>	11.8	5.3	6.9	7.7	2.4	1.4	3.6	9.3
<b>Rb (ppm)</b>	7.2	87.6	63.1	57.2	26.6	21.3	16.8	127.5
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.7	0.04	0.02	0.01	0.01	-0.01	-0.01	0.04
<b>Sb (ppm)</b>	4.98	0.56	1.96	1.99	0.43	0.18	0.3	0.61

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

	East (NAD 27)	300396	301454	301484	301494	302735	302824	302878	301522
<b>North (NAD 27)</b>	4319865	4319918	4319997	4320087	4319528	4319677	4319803	4319803	4319292
<b>Classification</b>	Pyroph/Alun/Topaz	Albite-KSpar-Sericite	Plag-KSpar	Plag-KSpar	Albite	Albite	Plagioclase	Plagioclase	Albite-KSpar-Sericite
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437113	H437114	H437115	H437116	H437117	H437118	H437119	H437119	H437120
<b>Lithology</b>	Porphyry at ct	Porphyry	Porphyry	McLeod QMD	Bear QM	Bear QM	Bear QM (just w of BH fault)	Bear QM (just w of BH fault)	Bear QM
<b>Sc (ppm)</b>	1.3	4.1	5.2	10.6	5.4	4.4	4.8	4.8	9.4
<b>Se (ppm)</b>	1	1	1	2	1	1	1	1	2
<b>Sn (ppm)</b>	0.6	0.7	0.7	1.7	1.1	1.2	1.1	1.1	1.2
<b>Sr (ppm)</b>	1025	649	899	852	706	560	653	653	695
<b>Ta (ppm)</b>	0.28	0.21	0.22	0.56	0.25	0.2	0.22	0.22	0.39
<b>Te (ppm)</b>	0.15	0.82	0.09	0.4	-0.05	-0.05	0.12	0.12	0.27
<b>Th (ppm)</b>	7.8	9.3	7.3	22.5	9.5	9.4	8.8	8.8	12.2
<b>Ti (%)</b>	0.294	0.196	0.218	0.455	0.246	0.199	0.206	0.206	0.375
<b>Tl (ppm)</b>	0.04	0.59	0.41	0.2	0.11	0.05	0.06	0.06	0.52
<b>U (ppm)</b>	1.6	3.2	2.9	6.4	2.8	1.8	2.5	2.5	8.5
<b>V (ppm)</b>	53	39	52	119	53	35	46	46	93
<b>W (ppm)</b>	3.3	0.9	1.2	2.1	2	2.5	1.8	1.8	3.9
<b>Y (ppm)</b>	1.8	3.4	6.3	16.6	6.2	4.5	6.7	6.7	13.5
<b>Zn (ppm)</b>	2	6	23	35	8	3	9	9	20
<b>Zr (ppm)</b>	23	33.6	25.4	12.3	15.4	8.6	12.8	12.8	14.3
<b>Al2O3 (%)</b>	5.59	13.22	13.15	13.77	13.05	12.88	11.62	11.62	13.68
<b>CaO (%)</b>	0.34	0.74	2.27	3.92	1.80	1.26	2.21	2.21	1.22
<b>FeO (%)</b>	0.45	1.59	2.10	3.54	0.89	0.37	0.86	0.86	2.47
<b>K2O (%)</b>	0.45	3.83	3.18	2.14	1.31	0.64	0.88	0.88	4.27
<b>MgO (%)</b>	0.03	0.27	0.95	1.91	0.83	0.60	1.19	1.19	0.75
<b>Na2O (%)</b>	0.22	4.17	3.86	4.31	5.57	6.13	5.01	5.01	3.50
<b>P2O5 (%)</b>	0.19	0.14	0.15	0.34	0.20	0.18	0.17	0.17	0.18
<b>TiO2 (%)</b>	0.49	0.33	0.36	0.76	0.41	0.33	0.34	0.34	0.63
<b>SO3 (%)</b>	1.75	0.10	0.05	0.03	0.03	-0.03	-0.03	-0.03	0.10
<b>Total (%)</b>	9.50	24.39	26.06	30.71	24.09	22.37	22.27	22.27	26.78
<b>SiO2 (%)</b>	89.84	73.90	72.12	67.14	74.23	76.06	76.18	76.18	71.34
<b>Al_m</b>	0.11	0.26	0.26	0.27	0.26	0.25	0.23	0.23	0.27
<b>Ca_m</b>	0.01	0.01	0.04	0.07	0.03	0.02	0.04	0.04	0.02
<b>K_m</b>	0.01	0.08	0.07	0.05	0.03	0.01	0.02	0.02	0.09
<b>Na_m</b>	0.01	0.13	0.12	0.14	0.18	0.20	0.16	0.16	0.11
<b>K_Al</b>	0.09	0.31	0.26	0.17	0.11	0.05	0.08	0.08	0.34
<b>Na_Al</b>	0.06	0.52	0.48	0.52	0.70	0.78	0.71	0.71	0.42
<b>Plag</b>	0.12	0.57	0.64	0.77	0.83	0.87	0.88	0.88	0.50

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	301458	301398	301359	301318	301251	301237	301230	301213
<b>North (NAD 27)</b>	4319244	4319156	4319141	4319124	4319099	4319036	4318954	4318912
<b>Classification</b>	Albite	Sericite	Sericite-Albite	Albite-KSpar-Sericite	Plag-KSpar	Sericite-Albite	Plag-KSpar	Plag-KSpar
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437121	H437122	H437123	H437124	H437125	H437126	H437127	H437128
<b>Lithology</b>	Porphyry	Bear QM 1 mm	Bear QM but by 0.5 m wide HT breccia	Porphyry, crowded	McLeod QMD	Porphyry	Bear QM	Porphyry
<b>Ag (ppm)</b>	0.07	0.05	0.03	0.03	0.05	0.08	0.01	0.06
<b>Al (%)</b>	6.85	6.36	5.84	6.85	7.32	7.49	7.46	7.1
<b>As (ppm)</b>	11.6	5.1	5.6	4.1	4.3	6.4	3.7	4
<b>Ba (ppm)</b>	150	2350	640	2090	1550	1930	1050	1540
<b>Be (ppm)</b>	1.51	1.21	1.12	1.67	1.87	1.71	1.79	1.4
<b>Bi (ppm)</b>	0.34	1.38	1.4	1.03	0.61	0.77	0.11	0.24
<b>Ca (%)</b>	0.38	0.24	0.26	0.4	2.3	0.53	2.15	2.75
<b>Cd (ppm)</b>	0.51	0.07	0.06	0.06	0.09	0.06	0.09	0.07
<b>Ce (ppm)</b>	8.06	16.75	28.8	27.7	58.9	42.5	59.5	50.2
<b>Co (ppm)</b>	1.3	1.2	1.3	1.3	17.8	12.9	14.9	3.3
<b>Cr (ppm)</b>	7	8	6	10	8	52	8	18
<b>Cs (ppm)</b>	0.49	1.78	1.12	0.78	1.4	1.27	1.44	0.66
<b>Cu (ppm)</b>	84.9	110.5	60.6	86.4	328	884	113.5	115.5
<b>Fe (%)</b>	1.75	2.97	6.62	1.43	3.71	2.71	3.06	2.23
<b>Ga (ppm)</b>	21.5	19.7	21.4	18.5	22.9	21.7	23.1	21
<b>Ge (ppm)</b>	0.14	0.17	0.22	0.16	0.24	0.24	0.24	0.1
<b>Hf (ppm)</b>	1.7	0.7	0.4	1.5	0.6	1.7	1	1.4
<b>In (ppm)</b>	0.013	0.033	0.067	0.091	0.06	0.069	0.037	0.042
<b>K (%)</b>	0.53	4.29	2	2.72	2.88	1.66	2.25	2.59
<b>La (ppm)</b>	3.9	8.8	14.9	15.3	28.8	21	29.3	24.8
<b>Li (ppm)</b>	2.5	5	3.1	2.4	8.9	7.1	4.8	4.2
<b>Mg (%)</b>	0.11	0.35	0.41	0.19	1.17	0.85	0.64	0.66
<b>Mn (ppm)</b>	46	52	66	53	411	347	286	273
<b>Mo (ppm)</b>	4.78	10.9	10.65	2.5	3.98	14.2	2.27	1.09
<b>Na (%)</b>	4.63	0.9	1.82	3.33	2.33	2.88	3.43	2.34
<b>Nb (ppm)</b>	2.3	3.1	2.2	2.8	5.4	2.8	6.5	3.2
<b>Ni (ppm)</b>	2	2.8	2.2	2.9	18.3	25.3	20	18.8
<b>P (ppm)</b>	420	550	1470	420	1430	1140	1380	1000
<b>Pb (ppm)</b>	2.7	5.2	3.1	5.4	9	3.7	8.6	5.6
<b>Rb (ppm)</b>	24.2	139.5	96.1	60.7	75.4	61.9	69.2	70.3
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.03	0.52	1.41	0.12	0.03	0.01	0.01	0.01
<b>Sb (ppm)</b>	0.48	0.61	0.51	0.78	1.56	0.98	0.82	4.22

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	301458	301398	301359	301318	301251	301237	301230	301213
<b>North (NAD 27)</b>	4319244	4319156	4319141	4319124	4319099	4319036	4318954	4318912
<b>Classification</b>	Albite	Sericite	Sericite-Albite	Albite-KSpar-Sericite	Plag-KSpar	Sericite-Albite	Plag-KSpar	Plag-KSpar
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437121	H437122	H437123	H437124	H437125	H437126	H437127	H437128
<b>Lithology</b>	Porphyry	Bear QM 1 mm	Bear QM but by 0.5 m wide HT breccia	Porphyry, crowded	McLeod QMD	Porphyry	Bear QM	Porphyry
<b>Sc (ppm)</b>	4.5	7.9	7.6	3.6	11.8	11.1	10.9	8
<b>Se (ppm)</b>	5	7	10	1	2	14	2	1
<b>Sn (ppm)</b>	0.8	1.5	1.9	0.7	1.1	1.6	1.1	0.8
<b>Sr (ppm)</b>	331	259	400	614	919	433	855	1030
<b>Ta (ppm)</b>	0.15	0.22	0.15	0.2	0.36	0.19	0.4	0.2
<b>Te (ppm)</b>	0.61	1.01	2.06	0.66	0.37	0.57	0.08	0.05
<b>Th (ppm)</b>	4.4	5.2	6.4	6.8	10.5	9.2	11.6	6.2
<b>Ti (%)</b>	0.164	0.227	0.23	0.206	0.397	0.29	0.42	0.286
<b>Tl (ppm)</b>	0.1	0.57	0.36	0.29	0.39	0.3	0.27	0.35
<b>U (ppm)</b>	2.2	3.6	1.9	3.5	3.7	6.2	3.4	2.3
<b>V (ppm)</b>	41	92	100	42	117	104	112	73
<b>W (ppm)</b>	1.8	4	4.5	1.5	1.9	2.9	1.2	1.1
<b>Y (ppm)</b>	3	2.9	1.5	3.1	15.1	13.4	14.8	6.7
<b>Zn (ppm)</b>	2	6	4	4	28	35	33	11
<b>Zr (ppm)</b>	48.4	13	8.5	36.1	10.9	49	17.6	42.7
<b>Al2O3 (%)</b>	12.94	12.01	11.03	12.94	13.83	14.15	14.09	13.41
<b>CaO (%)</b>	0.53	0.34	0.36	0.56	3.22	0.74	3.01	3.85
<b>FeO (%)</b>	2.25	3.82	8.51	1.84	4.77	3.49	3.94	2.87
<b>K2O (%)</b>	0.64	5.17	2.41	3.28	3.47	2.00	2.71	3.12
<b>MgO (%)</b>	0.18	0.58	0.68	0.32	1.94	1.41	1.06	1.09
<b>Na2O (%)</b>	6.24	1.21	2.45	4.49	3.14	3.88	4.62	3.15
<b>P2O5 (%)</b>	0.10	0.13	0.34	0.10	0.33	0.26	0.32	0.23
<b>TiO2 (%)</b>	0.27	0.38	0.38	0.34	0.66	0.48	0.70	0.48
<b>SO3 (%)</b>	0.08	1.30	3.53	0.30	0.08	0.03	0.03	0.03
<b>Total (%)</b>	23.23	24.94	29.70	24.16	31.43	26.44	30.47	28.23
<b>SiO2 (%)</b>	75.15	73.32	68.22	74.15	66.37	71.71	67.39	69.80
<b>Al_m</b>	0.25	0.24	0.22	0.25	0.27	0.28	0.28	0.26
<b>Ca_m</b>	0.01	0.01	0.01	0.01	0.06	0.01	0.05	0.07
<b>K_m</b>	0.01	0.11	0.05	0.07	0.07	0.04	0.06	0.07
<b>Na_m</b>	0.20	0.04	0.08	0.14	0.10	0.13	0.15	0.10
<b>K_Al</b>	0.05	0.47	0.24	0.27	0.27	0.15	0.21	0.25
<b>Na_Al</b>	0.79	0.17	0.37	0.57	0.37	0.45	0.54	0.39
<b>Plag</b>	0.83	0.19	0.40	0.61	0.59	0.50	0.73	0.65

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	301208	301206	301154	301083	301029	301679	301553	301507
<b>North (NAD 27)</b>	4318897	4318799	4318730	4318670	4318661	4319420	4318658	4318601
<b>Classification</b>	Sericite	Albite	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plagioclase	Plagioclase
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437129	H437130	H437131	H437132	H437133	H437134	H437135	H437136
<b>Lithology</b>	Bear border granite phase	Porphyry	Bear QM	McLeod QMD ??	Porphyry	Bear QM	Porphyry	Bear QM
<b>Ag (ppm)</b>	0.05	0.02	0.03	0.03	0.02	0.02	0.3	0.03
<b>Al (%)</b>	6.44	6.98	7.25	7.25	6.9	7.19	7.04	7.24
<b>As (ppm)</b>	8	8.5	4.1	4.7	4.1	3.7	3.9	3.8
<b>Ba (ppm)</b>	1480	90	1330	1800	2180	930	240	550
<b>Be (ppm)</b>	1.32	1.75	1.94	1.91	1.68	1.67	1.73	2.58
<b>Bi (ppm)</b>	2.4	0.4	0.17	0.44	0.38	0.35	0.44	0.1
<b>Ca (%)</b>	0.23	0.73	2.7	3.17	2.36	3.67	1.61	2.27
<b>Cd (ppm)</b>	0.03	0.08	0.09	0.06	0.06	0.07	-0.02	0.05
<b>Ce (ppm)</b>	24	42.3	52.9	54.9	34.1	52.6	37.4	40.7
<b>Co (ppm)</b>	0.7	2.7	9.6	5	2.8	6	3.1	6.5
<b>Cr (ppm)</b>	5	11	8	8	18	9	9	10
<b>Cs (ppm)</b>	1.91	0.26	1.34	1.08	0.82	0.46	0.63	1.13
<b>Cu (ppm)</b>	112.5	157.5	126.5	167	44.5	658	343	1435
<b>Fe (%)</b>	4.42	1.25	2.72	3.04	1.74	2.53	1.9	1.29
<b>Ga (ppm)</b>	21.5	20.6	20.5	22.3	19.1	21	19.85	20.5
<b>Ge (ppm)</b>	0.15	0.09	0.14	0.14	0.09	0.13	0.1	0.08
<b>Hf (ppm)</b>	0.8	1.4	1	0.6	1.5	1.1	1.2	1.2
<b>In (ppm)</b>	0.094	0.068	0.047	0.065	0.053	0.043	0.059	0.018
<b>K (%)</b>	3.51	0.21	2.74	2.46	3.38	2.31	0.41	1.24
<b>La (ppm)</b>	13.2	20.8	25.2	25	17.6	24.9	19.4	17.7
<b>Li (ppm)</b>	4.2	3	3.3	6.6	4.8	3.5	3.6	4.4
<b>Mg (%)</b>	0.38	0.26	0.8	1.17	0.53	0.69	0.43	0.66
<b>Mn (ppm)</b>	68	54	407	449	259	256	66	156
<b>Mo (ppm)</b>	5.97	1.62	2.03	1.89	0.88	2.75	58.8	1.68
<b>Na (%)</b>	0.5	5.76	2.89	1.65	2.12	2.18	3.4	3.46
<b>Nb (ppm)</b>	4.2	3.1	5.5	4.5	2.8	5.3	1.5	5.3
<b>Ni (ppm)</b>	2.9	5.3	12.8	18.4	7.8	15.7	3.5	9.9
<b>P (ppm)</b>	600	450	1160	1380	710	1080	550	1040
<b>Pb (ppm)</b>	4.2	1.6	8.7	6.1	4.9	4.9	3.7	5.1
<b>Rb (ppm)</b>	184	9.1	83.2	84.6	82.1	69.3	15.8	43.7
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.09	-0.01	0.01	0.01	0.01	0.01	0.08	0.01
<b>Sb (ppm)</b>	1.21	0.57	0.8	3.04	2.71	2.53	0.51	0.45

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	301208	301206	301154	301083	301029	301679	301553	301507
<b>North (NAD 27)</b>	4318897	4318799	4318730	4318670	4318661	4319420	4318658	4318601
<b>Classification</b>	Sericite	Albite	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plagioclase	Plagioclase
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437129	H437130	H437131	H437132	H437133	H437134	H437135	H437136
<b>Lithology</b>	Bear border granite phase	Porphyry	Bear QM	McLeod QMD ??	Porphyry	Bear QM	Porphyry	Bear QM
<b>Sc (ppm)</b>	6.5	6.4	9.2	11.2	6.1	8.7	4.9	7.9
<b>Se (ppm)</b>	14	2	2	2	1	2	3	1
<b>Sn (ppm)</b>	1	0.9	1	1	0.6	1	0.8	1.1
<b>Sr (ppm)</b>	233	341	945	1225	940	1835	1275	875
<b>Ta (ppm)</b>	0.3	0.21	0.37	0.28	0.19	0.36	0.11	0.39
<b>Te (ppm)</b>	1.09	0.37	0.07	0.11	0.05	0.16	0.25	0.05
<b>Th (ppm)</b>	13.1	6.6	10.1	7	5.9	11.1	6.6	15.7
<b>Ti (%)</b>	0.27	0.239	0.353	0.418	0.221	0.356	0.117	0.303
<b>Tl (ppm)</b>	0.69	0.05	0.31	0.39	0.39	0.24	0.08	0.14
<b>U (ppm)</b>	5.2	3.6	4	2.8	2.6	4.8	2.9	4.1
<b>V (ppm)</b>	85	48	86	105	55	87	44	65
<b>W (ppm)</b>	5.8	1.7	1.5	1.7	0.9	0.9	16.1	0.9
<b>Y (ppm)</b>	1.7	5.9	12.5	11.1	5.8	14.7	3	11.5
<b>Zn (ppm)</b>	6	2	33	20	10	18	5	19
<b>Zr (ppm)</b>	14.9	38.3	19.8	13.9	45.8	20.5	31.4	22.6
<b>Al2O3 (%)</b>	12.17	13.19	13.70	13.70	13.03	13.58	13.30	13.68
<b>CaO (%)</b>	0.32	1.02	3.78	4.43	3.30	5.13	2.25	3.18
<b>FeO (%)</b>	5.68	1.61	3.50	3.91	2.24	3.25	2.44	1.66
<b>K2O (%)</b>	4.23	0.25	3.30	2.96	4.07	2.78	0.49	1.49
<b>MgO (%)</b>	0.63	0.43	1.33	1.94	0.88	1.14	0.71	1.09
<b>Na2O (%)</b>	0.67	7.76	3.90	2.22	2.86	2.94	4.58	4.66
<b>P2O5 (%)</b>	0.14	0.10	0.27	0.32	0.16	0.25	0.13	0.24
<b>TiO2 (%)</b>	0.45	0.40	0.59	0.70	0.37	0.59	0.20	0.51
<b>SO3 (%)</b>	0.23	-0.03	0.03	0.03	0.03	0.03	0.20	0.03
<b>Total (%)</b>	24.52	24.74	30.37	30.21	26.94	29.70	24.31	26.53
<b>SiO2 (%)</b>	73.77	73.53	67.50	67.68	71.18	68.22	73.99	71.61
<b>Al_m</b>	0.24	0.26	0.27	0.27	0.26	0.27	0.26	0.27
<b>Ca_m</b>	0.01	0.02	0.07	0.08	0.06	0.09	0.04	0.06
<b>K_m</b>	0.09	0.01	0.07	0.06	0.09	0.06	0.01	0.03
<b>Na_m</b>	0.02	0.25	0.13	0.07	0.09	0.09	0.15	0.15
<b>K_Al</b>	0.38	0.02	0.26	0.23	0.34	0.22	0.04	0.12
<b>Na_Al</b>	0.09	0.97	0.47	0.27	0.36	0.36	0.57	0.56
<b>Plag</b>	0.12	1.04	0.72	0.56	0.59	0.70	0.72	0.77

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	301785	300491	300506	300498	300496	300508	300474
<b>North (NAD 27)</b>	4318678	4320908	4320884	4320870	4320830	4320790	4320770
<b>Classification</b>	Albite	Sericite	Pyroph/Alun/Topaz	Pyroph/Alun/Topaz	Sericite-Albite	Pyroph/Alun/Topaz	Sericite
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437137	H437138	H437139	H437140	H437141	H437142	H437143
<b>Lithology</b>	Porphyry, crowded	Porphyry	Artesia Andesite Brecciated??	Artesia Andesite	Artesia Andesite	Artesia Andesite	Artesia Andesitic Sandstone
<b>Ag (ppm)</b>	0.04	0.04	0.04	0.02	0.04	0.01	0.05
<b>Al (%)</b>	6.93	7.58	4.84	6.19	6.44	6.6	6.68
<b>As (ppm)</b>	6.1	34	5.8	6.4	12.7	3.7	16.1
<b>Ba (ppm)</b>	320	1830	270	480	170	60	1110
<b>Be (ppm)</b>	2.15	2.39	0.2	0.42	0.37	0.16	1.61
<b>Bi (ppm)</b>	0.28	2.5	0.25	0.14	1.2	0.08	1.4
<b>Ca (%)</b>	0.58	0.21	0.21	0.43	0.34	0.19	0.83
<b>Cd (ppm)</b>	-0.02	0.07	0.07	0.03	0.12	0.02	0.03
<b>Ce (ppm)</b>	36.2	63.5	23.6	24.4	40.3	36	27.5
<b>Co (ppm)</b>	2.2	1.1	0.8	0.6	0.7	0.4	0.7
<b>Cr (ppm)</b>	8	28	22	23	25	25	44
<b>Cs (ppm)</b>	0.89	1.36	0.18	0.54	0.31	0.05	0.98
<b>Cu (ppm)</b>	35.8	106	29.6	9.1	62.6	7.7	19.5
<b>Fe (%)</b>	2.56	3.53	0.49	0.46	4.06	0.24	1.37
<b>Ga (ppm)</b>	20.7	24	8.5	18.4	20.6	7.46	21.1
<b>Ge (ppm)</b>	0.09	0.16	0.06	0.07	0.14	0.08	0.12
<b>Hf (ppm)</b>	1.5	2	1.6	1.1	1	1.3	1.8
<b>In (ppm)</b>	0.015	0.119	0.007	0.04	0.028	-0.005	0.055
<b>K (%)</b>	0.91	2.71	0.41	1.79	1.32	0.94	2.9
<b>La (ppm)</b>	20.8	32	12.1	12.4	18.6	18.5	13.1
<b>Li (ppm)</b>	3.3	5.6	2	1.6	1.1	1.5	7
<b>Mg (%)</b>	0.18	0.55	0.05	0.25	0.09	0.02	0.9
<b>Mn (ppm)</b>	21	152	81	61	90	40	44
<b>Mo (ppm)</b>	13.1	3.86	2.2	0.65	7.98	3.04	0.86
<b>Na (%)</b>	3.5	0.37	0.09	0.23	0.96	1.26	0.25
<b>Nb (ppm)</b>	1.2	2.4	1.8	2.2	0.7	1.5	2.4
<b>Ni (ppm)</b>	1.6	5.8	4.5	5.4	3.6	3.3	3.5
<b>P (ppm)</b>	400	940	550	450	1860	850	320
<b>Pb (ppm)</b>	2.2	12	21.8	10	187.5	104	5.4
<b>Rb (ppm)</b>	42.3	86.3	11.5	45.1	24	1.2	90.6
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	0.003	0.002	-0.002
<b>S (%)</b>	0.13	0.06	0.06	0.06	3.28	5.33	0.39
<b>Sb (ppm)</b>	0.43	6.98	3.55	5.59	3.91	2.62	2.86

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	301785	300491	300506	300498	300496	300508	300474
<b>North (NAD 27)</b>	4318678	4320908	4320884	4320870	4320830	4320790	4320770
<b>Classification</b>	Albite	Sericite	Pyroph/Alun/Topaz	Pyroph/Alun/Topaz	Sericite-Albite	Pyroph/Alun/Topaz	Sericite
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437137	H437138	H437139	H437140	H437141	H437142	H437143
<b>Lithology</b>	Porphyry, crowded	Porphyry	Artesia Andesite Brecciated??	Artesia Andesite	Artesia Andesite	Artesia Andesite	Artesia Andesitic Sandstone
<b>Sc (ppm)</b>	6.3	12.8	4.4	8.2	8.1	3.1	13.5
<b>Se (ppm)</b>	3	6	2	1	3	2	7
<b>Sn (ppm)</b>	1.2	0.9	0.9	1.3	0.9	0.7	0.9
<b>Sr (ppm)</b>	609	127.5	598	451	793	1155	113
<b>Ta (ppm)</b>	0.08	0.16	0.13	0.15	0.05	0.11	0.16
<b>Te (ppm)</b>	0.15	1.15	0.41	0.15	0.15	0.06	0.2
<b>Th (ppm)</b>	5.2	7.6	3.5	3.6	4.1	3.4	4.8
<b>Ti (%)</b>	0.141	0.268	0.167	0.206	0.058	0.122	0.261
<b>Tl (ppm)</b>	0.13	3.54	0.47	2.64	1.46	0.04	2.92
<b>U (ppm)</b>	2.8	2.7	1.3	1.1	1.4	1	3.8
<b>V (ppm)</b>	58	123	47	51	86	46	120
<b>W (ppm)</b>	4.6	1.7	0.9	0.8	1	0.6	0.7
<b>Y (ppm)</b>	1.5	8.9	3.3	2.9	3.4	2.3	4.4
<b>Zn (ppm)</b>	-2	18	-2	4	4	-2	7
<b>Zr (ppm)</b>	48.4	65.9	55.2	40.6	35	47.4	64.6
<b>Al2O3 (%)</b>	13.09	14.32	9.14	11.69	12.17	12.47	12.62
<b>CaO (%)</b>	0.81	0.29	0.29	0.60	0.48	0.27	1.16
<b>FeO (%)</b>	3.29	4.54	0.63	0.59	5.22	0.31	1.76
<b>K2O (%)</b>	1.10	3.27	0.49	2.16	1.59	1.13	3.49
<b>MgO (%)</b>	0.30	0.91	0.08	0.41	0.15	0.03	1.49
<b>Na2O (%)</b>	4.72	0.50	0.12	0.31	1.29	1.70	0.34
<b>P2O5 (%)</b>	0.09	0.22	0.13	0.10	0.43	0.19	0.07
<b>TiO2 (%)</b>	0.24	0.45	0.28	0.34	0.10	0.20	0.44
<b>SO3 (%)</b>	0.33	0.15	0.15	0.15	8.20	13.33	0.98
<b>Total (%)</b>	23.96	24.64	11.32	16.36	29.62	29.63	22.35
<b>SiO2 (%)</b>	74.36	73.63	87.89	82.49	68.31	68.30	76.09
<b>Al_m</b>	0.26	0.28	0.18	0.23	0.24	0.24	0.25
<b>Ca_m</b>	0.01	0.01	0.01	0.01	0.01	0.00	0.02
<b>K_m</b>	0.02	0.07	0.01	0.05	0.03	0.02	0.07
<b>Na_m</b>	0.15	0.02	0.00	0.01	0.04	0.05	0.01
<b>K_Al</b>	0.09	0.25	0.06	0.20	0.14	0.10	0.30
<b>Na_Al</b>	0.59	0.06	0.02	0.04	0.17	0.22	0.04
<b>Plag</b>	0.65	0.08	0.05	0.09	0.21	0.24	0.13

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	300738	300778	300837	300859	300791	301510	301724
<b>North (NAD 27)</b>	4320526	4320529	4320596	4320625	4320752	4320240	4320215
<b>Classification</b>	Sericite	Sericite-Albite	Albite	Sericite	Albite	Sericite-Albite	Plagioclase
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437144	H437145	H437146	H437147	H437148	H437149	H437150
<b>Lithology</b>	Artesia Andesitic bedded pyroclastics	Artesia Andesite	Artesia Andesite	Artesia Andesite	Porphyry	Bear QM cut by Tm Qz	Bear QM
<b>Ag (ppm)</b>	0.03	0.02	0.08	0.04	0.02	0.11	0.02
<b>Al (%)</b>	5.97	7.5	7.4	7.4	7.22	5.86	7.03
<b>As (ppm)</b>	4.7	5.7	8	4.1	13.4	5.3	2.5
<b>Ba (ppm)</b>	1450	1340	1480	2450	1190	210	420
<b>Be (ppm)</b>	1.34	1.9	1.42	1.63	1.8	2.2	2.61
<b>Bi (ppm)</b>	0.59	0.02	0.53	0.08	0.2	0.08	0.21
<b>Ca (%)</b>	0.46	0.33	0.53	0.44	0.47	0.42	2.1
<b>Cd (ppm)</b>	0.09	0.08	0.07	0.05	0.02	0.02	0.05
<b>Ce (ppm)</b>	30.7	45.4	18.9	51	34.5	10.6	33.1
<b>Co (ppm)</b>	1.4	12.8	0.8	19.1	2.9	2.9	1.4
<b>Cr (ppm)</b>	32	54	38	84	8	12	11
<b>Cs (ppm)</b>	0.88	1.16	0.26	1.49	1.22	0.51	0.82
<b>Cu (ppm)</b>	22.2	14.3	36.4	24.3	41.3	133.5	79
<b>Fe (%)</b>	2.2	3.69	2.21	6.37	2.1	1.1	0.74
<b>Ga (ppm)</b>	22.9	22.8	22.7	20.2	20.7	24.5	21.7
<b>Ge (ppm)</b>	0.11	0.15	0.1	0.18	0.1	0.06	0.1
<b>Hf (ppm)</b>	0.7	0.8	1.4	1.2	1.7	0.4	1.2
<b>In (ppm)</b>	0.076	0.048	0.024	0.132	0.049	0.016	0.026
<b>K (%)</b>	1.63	2.75	0.31	3.23	1.36	0.81	0.65
<b>La (ppm)</b>	15.2	20.5	8.9	24.6	18.3	4.7	13.5
<b>Li (ppm)</b>	5.6	7.1	2.1	10.2	7.4	3.5	3.4
<b>Mg (%)</b>	0.6	1.61	0.11	2.57	0.52	1.14	0.43
<b>Mn (ppm)</b>	113	421	69	675	125	45	112
<b>Mo (ppm)</b>	2.82	0.33	25.9	1.81	1.02	1.21	0.94
<b>Na (%)</b>	0.39	1.92	6.04	0.13	3.27	1.35	3.48
<b>Nb (ppm)</b>	1.3	1.3	1.3	1.1	1.1	3	4.5
<b>Ni (ppm)</b>	6.3	47.8	2.3	93.4	8	8.6	4.4
<b>P (ppm)</b>	1150	930	780	1370	440	1180	580
<b>Pb (ppm)</b>	15.9	5	11.2	3.9	5.7	1.3	4.5
<b>Rb (ppm)</b>	67.2	69.4	11.2	101	56.9	32.8	18.4
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.23	0.03	0.12	0.12	0.02	0.01	0.01
<b>Sb (ppm)</b>	4.98	4.35	3.1	2.92	1.16	0.76	0.87

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	300738	300778	300837	300859	300791	301510	301724
<b>North (NAD 27)</b>	4320526	4320529	4320596	4320625	4320752	4320240	4320215
<b>Classification</b>	Sericite	Sericite-Albite	Albite	Sericite	Albite	Sericite-Albite	Plagioclase
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437144	H437145	H437146	H437147	H437148	H437149	H437150
<b>Lithology</b>	Artesia Andesitic bedded pyroclastics	Artesia Andesite	Artesia Andesite	Artesia Andesite	Porphyry	Bear QM cut by Tm Qz	Bear QM
<b>Sc (ppm)</b>	11.9	10.6	7.1	14.8	5.7	12	4.9
<b>Se (ppm)</b>	4	1	4	1	1	1	1
<b>Sn (ppm)</b>	0.8	0.8	0.9	1.6	0.5	2.2	0.9
<b>Sr (ppm)</b>	378	149.5	217	95.2	335	144	1060
<b>Ta (ppm)</b>	0.09	0.08	0.08	0.07	0.07	0.2	0.33
<b>Te (ppm)</b>	0.53	-0.05	0.43	-0.05	0.05	0.11	0.12
<b>Th (ppm)</b>	2.4	2.9	2.1	2.1	6.3	13.5	13.4
<b>Ti (%)</b>	0.161	0.201	0.164	0.196	0.096	0.215	0.288
<b>Tl (ppm)</b>	1.5	1.13	0.14	1.2	0.62	0.12	0.11
<b>U (ppm)</b>	0.9	0.9	1.5	2.5	2.6	2	3.8
<b>V (ppm)</b>	94	92	56	123	61	123	42
<b>W (ppm)</b>	0.6	0.5	2	1.3	0.9	9.3	0.7
<b>Y (ppm)</b>	3.1	8.5	2.4	5.1	4.1	4.3	11.9
<b>Zn (ppm)</b>	11	67	6	105	23	3	8
<b>Zr (ppm)</b>	24.9	30.2	52.3	38.8	46.1	8.1	24.3
<b>Al2O3 (%)</b>	11.28	14.17	13.98	13.98	13.64	11.07	13.28
<b>CaO (%)</b>	0.64	0.46	0.74	0.62	0.66	0.59	2.94
<b>FeO (%)</b>	2.83	4.75	2.84	8.19	2.70	1.41	0.95
<b>K2O (%)</b>	1.96	3.31	0.37	3.89	1.64	0.98	0.78
<b>MgO (%)</b>	0.99	2.67	0.18	4.26	0.86	1.89	0.71
<b>Na2O (%)</b>	0.53	2.59	8.14	0.18	4.41	1.82	4.69
<b>P2O5 (%)</b>	0.26	0.21	0.18	0.31	0.10	0.27	0.13
<b>TiO2 (%)</b>	0.27	0.34	0.27	0.33	0.16	0.36	0.48
<b>SO3 (%)</b>	0.58	0.08	0.30	0.30	0.05	0.03	0.03
<b>Total (%)</b>	19.34	28.57	27.01	32.06	24.22	18.41	23.99
<b>SiO2 (%)</b>	79.30	69.43	71.10	65.70	74.09	80.30	74.33
<b>Al_m</b>	0.22	0.28	0.27	0.27	0.27	0.22	0.26
<b>Ca_m</b>	0.01	0.01	0.01	0.01	0.01	0.01	0.05
<b>K_m</b>	0.04	0.07	0.01	0.08	0.03	0.02	0.02
<b>Na_m</b>	0.02	0.08	0.26	0.01	0.14	0.06	0.15
<b>K_Al</b>	0.19	0.25	0.03	0.30	0.13	0.10	0.06
<b>Na_Al</b>	0.08	0.30	0.96	0.02	0.53	0.27	0.58
<b>Plag</b>	0.13	0.33	1.01	0.06	0.58	0.32	0.78

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	301023	300926	300954	300916	300853	300791	300793	300759
<b>North (NAD 27)</b>	4319623	4319601	4319575	4319567	4319546	4319413	4319329	4319293
<b>Classification</b>	Albite-KSpar-Sericite	Albite-KSpar-Sericite	Plag-KSpar	Sericite	Albite-KSpar-Sericite	Plag-KSpar	Plag-KSpar	Plag-KSpar
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437151	H437152	H437153	H437154	H437155	H437156	H437157	H437158
<b>Lithology</b>	Porphyry	Porphyry	McLeod	Bear	Porphyry	Porphyry	McLeod	Porphyry
<b>Ag (ppm)</b>	0.32	0.03	0.05	0.03	0.09	-0.01	0.21	0.01
<b>Al (%)</b>	7.2	7.33	7.78	7.7	7.36	7.53	7.48	7.16
<b>As (ppm)</b>	5.8	4.4	9.5	3.1	1.6	3.6	5.4	1.4
<b>Ba (ppm)</b>	3770	2140	1350	280	2660	1920	1080	2160
<b>Be (ppm)</b>	1.76	2.14	2.64	0.25	1.59	1.83	2.47	1.67
<b>Bi (ppm)</b>	0.5	0.79	0.11	0.05	0.54	0.12	0.14	0.14
<b>Ca (%)</b>	0.34	0.37	2.18	0.05	0.24	2.09	2.45	1.28
<b>Cd (ppm)</b>	0.04	0.03	0.06	-0.02	0.08	0.02	0.2	0.02
<b>Ce (ppm)</b>	17.25	21	92.7	93.8	31	54.7	80.8	34.8
<b>Co (ppm)</b>	0.5	0.5	11.8	0.2	0.3	4.9	13.3	0.5
<b>Cr (ppm)</b>	7	7	18	5	6	15	8	12
<b>Cs (ppm)</b>	1.14	1.13	1.57	0.46	1.05	0.75	4.04	0.57
<b>Cu (ppm)</b>	12.3	11.2	213	5.2	7.6	7.2	1470	44.1
<b>Fe (%)</b>	0.64	1	3.79	0.19	0.83	2.43	3.92	1.51
<b>Ga (ppm)</b>	18.8	19.2	23.5	13.8	19	20.9	23	19.05
<b>Ge (ppm)</b>	0.08	0.08	0.19	0.15	0.09	0.13	0.17	0.1
<b>Hf (ppm)</b>	1.3	1.6	0.6	0.6	1.6	1.5	0.7	1.3
<b>In (ppm)</b>	0.022	0.035	0.064	-0.005	0.023	0.051	0.043	0.05
<b>K (%)</b>	3.58	2.83	3.64	3.49	4.08	3.05	3.19	2.61
<b>La (ppm)</b>	8.4	12.1	47.9	44	17.1	27	38.6	21.4
<b>Li (ppm)</b>	1.9	2.6	4.3	15.1	1.5	5	4.7	2.5
<b>Mg (%)</b>	0.09	0.14	0.94	0.02	0.1	0.83	1.07	0.41
<b>Mn (ppm)</b>	76	71	509	19	43	289	628	223
<b>Mo (ppm)</b>	2.92	4.55	1.67	1.6	1.81	0.89	2.08	0.56
<b>Na (%)</b>	2.8	3.3	2.94	0.14	2.6	2.73	2.61	3.45
<b>Nb (ppm)</b>	2	2.3	6.6	5.4	2.3	3.1	7.8	2.5
<b>Ni (ppm)</b>	1.2	1.9	13.9	1.3	1.1	12.9	12.3	6.2
<b>P (ppm)</b>	300	320	1420	160	220	800	1360	580
<b>Pb (ppm)</b>	25.3	5.7	10.2	2.1	4.4	4.9	11.7	3.1
<b>Rb (ppm)</b>	105.5	95.5	140	109.5	128.5	92.7	164	68.6
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.11	0.04	0.01	0.02	0.02	0.02	0.01	0.01
<b>Sb (ppm)</b>	0.9	0.96	2.6	3.91	0.68	1.31	1.56	0.94

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	301023	300926	300954	300916	300853	300791	300793	300759
<b>North (NAD 27)</b>	4319623	4319601	4319575	4319567	4319546	4319413	4319329	4319293
<b>Classification</b>	Albite-KSpar-Sericite	Albite-KSpar-Sericite	Plag-KSpar	Sericite	Albite-KSpar-Sericite	Plag-KSpar	Plag-KSpar	Plag-KSpar
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437151	H437152	H437153	H437154	H437155	H437156	H437157	H437158
<b>Lithology</b>	Porphyry	Porphyry	McLeod	Bear	Porphyry	Porphyry	McLeod	Porphyry
<b>Sc (ppm)</b>	4.5	5	10.7	3.3	4.7	8.6	10.9	4.7
<b>Se (ppm)</b>	3	2	2	1	3	1	2	1
<b>Sn (ppm)</b>	0.5	0.6	1.1	1	0.6	0.7	1.4	0.6
<b>Sr (ppm)</b>	647	534	743	119	531	807	778	512
<b>Ta (ppm)</b>	0.13	0.14	0.43	0.31	0.14	0.19	0.48	0.17
<b>Te (ppm)</b>	0.51	0.74	0.05	0.11	0.33	-0.05	-0.05	-0.05
<b>Th (ppm)</b>	4.1	3.7	21	18.6	3.5	6.3	21.3	5.4
<b>Ti (%)</b>	0.173	0.187	0.404	0.319	0.193	0.263	0.432	0.201
<b>Tl (ppm)</b>	0.76	0.64	0.44	0.47	0.92	0.42	0.41	0.38
<b>U (ppm)</b>	1.6	1.9	6	1.2	1.6	2.6	5.3	2.1
<b>V (ppm)</b>	30	37	116	81	36	67	120	40
<b>W (ppm)</b>	0.9	1.4	1.7	2.9	1.2	0.6	1.7	0.8
<b>Y (ppm)</b>	2.2	2.6	15.5	3.5	2.6	6.8	16.4	4.5
<b>Zn (ppm)</b>	16	6	43	-2	2	15	74	13
<b>Zr (ppm)</b>	37.6	50.1	12.7	13.3	48.5	43.1	12.9	35.1
<b>Al<sub>2</sub>O<sub>3</sub> (%)</b>	13.60	13.85	14.70	14.55	13.90	14.22	14.13	13.53
<b>CaO (%)</b>	0.48	0.52	3.05	0.07	0.34	2.92	3.43	1.79
<b>FeO (%)</b>	0.82	1.29	4.87	0.24	1.07	3.12	5.04	1.94
<b>K<sub>2</sub>O (%)</b>	4.31	3.41	4.39	4.21	4.92	3.68	3.84	3.15
<b>MgO (%)</b>	0.15	0.23	1.56	0.03	0.17	1.38	1.77	0.68
<b>Na<sub>2</sub>O (%)</b>	3.77	4.45	3.96	0.19	3.50	3.68	3.52	4.65
<b>P<sub>2</sub>O<sub>5</sub> (%)</b>	0.07	0.07	0.33	0.04	0.05	0.18	0.31	0.13
<b>TiO<sub>2</sub> (%)</b>	0.29	0.31	0.67	0.53	0.32	0.44	0.72	0.34
<b>SO<sub>3</sub> (%)</b>	0.28	0.10	0.03	0.05	0.05	0.05	0.03	0.03
<b>Total (%)</b>	23.77	24.23	33.55	19.91	24.32	29.68	32.79	26.23
<b>SiO<sub>2</sub> (%)</b>	74.57	74.08	64.10	78.70	73.98	68.25	64.91	71.94
<b>Al_m</b>	0.27	0.27	0.29	0.29	0.27	0.28	0.28	0.27
<b>Ca_m</b>	0.01	0.01	0.05	0.00	0.01	0.05	0.06	0.03
<b>K_m</b>	0.09	0.07	0.09	0.09	0.10	0.08	0.08	0.07
<b>Na_m</b>	0.12	0.14	0.13	0.01	0.11	0.12	0.11	0.15
<b>K_Al</b>	0.34	0.27	0.32	0.31	0.38	0.28	0.30	0.25
<b>Na_Al</b>	0.46	0.53	0.44	0.02	0.41	0.43	0.41	0.57
<b>Plag</b>	0.49	0.56	0.63	0.03	0.44	0.61	0.63	0.69

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	300683	300756	300750	301919	302038	302108	302207	302259	302354
<b>North (NAD 27)</b>	4319147	4318889	4318724	4319591	4319623	4319619	4319633	4319563	4319605
<b>Classification</b>	Plag-KSpar	Plag-KSpar	Sericite	Plag-KSpar	Plag-KSpar	Plagioclase	Plagioclase	Plagioclase	Plagioclase
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437159	H437160	H437161	H437162	H437163	H437164	H437165	H437166	H437167
<b>Lithology</b>	McLeod	Porphyry	McLeod	Porphyry	Bear	Porphyry	Bear	Porphyry	Porphyry
<b>Ag (ppm)</b>	0.17	0.03	-0.01	0.03	-0.01	0.02	0.01	-0.01	0.01
<b>Al (%)</b>	7.82	7.35	7.12	7.56	7.26	6.64	6.57	6.77	6.48
<b>As (ppm)</b>	4.6	3.4	-0.2	4.3	4.3	4.4	1.7	1.8	1
<b>Ba (ppm)</b>	1560	2220	470	1370	1230	90	250	200	150
<b>Be (ppm)</b>	2.9	1.57	1.54	1.66	2.09	1.91	2	1.29	2.01
<b>Bi (ppm)</b>	0.3	0.71	0.03	0.11	0.32	0.26	0.03	0.04	0.03
<b>Ca (%)</b>	2.09	1.76	0.11	3.17	2.56	2.31	1.78	2.64	1.72
<b>Cd (ppm)</b>	0.12	0.02	-0.02	0.06	0.03	0.04	-0.02	0.02	0.02
<b>Ce (ppm)</b>	70.8	37.4	8.98	48.8	54.9	37.4	34.7	28.4	22.4
<b>Co (ppm)</b>	11.7	2.7	0.5	9.4	4.9	1.3	0.5	1.1	1.8
<b>Cr (ppm)</b>	7	13	9	10	10	11	16	14	12
<b>Cs (ppm)</b>	3.42	0.71	0.96	1.61	0.73	0.2	0.29	0.15	0.18
<b>Cu (ppm)</b>	837	39.2	1.1	35.5	68.7	15.8	3.6	2.8	4.7
<b>Fe (%)</b>	4.11	2.12	0.25	3.28	1.43	0.9	0.34	0.66	0.28
<b>Ga (ppm)</b>	23.1	20.5	30.9	23.2	21.8	18.9	21.5	13.35	18.85
<b>Ge (ppm)</b>	0.17	0.11	0.06	0.14	0.13	0.06	0.05	-0.05	0.05
<b>Hf (ppm)</b>	0.8	1.3	1.5	0.5	1	1.9	1.6	1	1.1
<b>In (ppm)</b>	0.042	0.081	0.025	0.04	0.12	0.071	0.01	0.009	0.006
<b>K (%)</b>	2.91	3.46	3.37	2.48	2.72	0.21	0.14	0.22	0.15
<b>La (ppm)</b>	31.8	19.9	3.7	22.5	27	14.2	15	12.5	9
<b>Li (ppm)</b>	5.9	4.1	3.8	2.6	2.6	1.3	2.7	1.2	1.9
<b>Mg (%)</b>	1.16	0.44	0.2	1.15	0.6	1.12	0.61	0.79	0.36
<b>Mn (ppm)</b>	511	247	15	497	220	100	52	97	51
<b>Mo (ppm)</b>	1.92	2.51	0.27	0.64	0.92	1.22	0.3	0.33	0.34
<b>Na (%)</b>	2.65	2.45	0.16	3.25	2.8	4.8	3.89	4.14	3.79
<b>Nb (ppm)</b>	6.5	2.6	3.1	4	4	2.4	2	2.2	2.9
<b>Ni (ppm)</b>	11.6	7.1	1.6	17	11.3	12.9	9.4	7.9	5.4
<b>P (ppm)</b>	1390	630	370	1360	840	1300	960	930	960
<b>Pb (ppm)</b>	7.2	5.7	1.4	9.2	5.4	2.7	3.6	2	2.8
<b>Rb (ppm)</b>	115.5	94.6	106	72.2	68.5	5.5	2.3	3.5	1.9
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.02	0.01	0.01	0.01	0.01	0.03	0.01	0.01	0.01
<b>Sb (ppm)</b>	1.72	1.21	0.59	1.03	0.96	0.51	0.28	0.4	0.26

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	300683	300756	300750	301919	302038	302108	302207	302259	302354
<b>North (NAD 27)</b>	4319147	4318889	4318724	4319591	4319623	4319619	4319633	4319563	4319605
<b>Classification</b>	Plag-KSpar	Plag-KSpar	Sericite	Plag-KSpar	Plag-KSpar	Plagioclase	Plagioclase	Plagioclase	Plagioclase
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437159	H437160	H437161	H437162	H437163	H437164	H437165	H437166	H437167
<b>Lithology</b>	McLeod	Porphyry	McLeod	Porphyry	Bear	Porphyry	Bear	Porphyry	Porphyry
<b>Sc (ppm)</b>	11.1	5.6	9.2	11	6.8	7.3	5.5	3.2	5.5
<b>Se (ppm)</b>	2	1	1	1	1	2	2	1	2
<b>Sn (ppm)</b>	1.2	0.7	5.4	0.7	0.9	0.9	0.8	0.6	1
<b>Sr (ppm)</b>	755	581	58.1	1100	992	975	985	1150	956
<b>Ta (ppm)</b>	0.41	0.17	0.2	0.24	0.29	0.24	0.21	0.22	0.25
<b>Te (ppm)</b>	0.06	0.1	-0.05	0.12	0.09	0.26	0.05	-0.05	-0.05
<b>Th (ppm)</b>	21.3	6.1	7.6	5.9	11	5.4	6.9	5.3	7
<b>Ti (%)</b>	0.4	0.202	0.231	0.415	0.277	0.273	0.172	0.27	0.226
<b>Tl (ppm)</b>	0.39	0.48	0.48	0.27	0.2	0.03	0.02	0.02	0.03
<b>U (ppm)</b>	6.2	3	3.2	1.7	3.5	2.8	2	1.6	1.3
<b>V (ppm)</b>	122	53	65	114	65	82	59	62	52
<b>W (ppm)</b>	1.8	0.9	2.3	0.7	0.5	0.9	1.5	0.2	1.3
<b>Y (ppm)</b>	15	5.3	5	10.1	8.7	8.2	6	4.8	6.9
<b>Zn (ppm)</b>	42	10	-2	41	13	15	9	10	5
<b>Zr (ppm)</b>	17.6	33.4	38.6	11.2	15.1	54.1	44.6	22.7	26
<b>Al2O3 (%)</b>	14.77	13.88	13.45	14.28	13.71	12.54	12.41	12.79	12.24
<b>CaO (%)</b>	2.92	2.46	0.15	4.43	3.58	3.23	2.49	3.69	2.41
<b>FeO (%)</b>	5.29	2.73	0.32	4.22	1.84	1.16	0.44	0.85	0.36
<b>K2O (%)</b>	3.51	4.17	4.06	2.99	3.28	0.25	0.17	0.27	0.18
<b>MgO (%)</b>	1.92	0.73	0.33	1.91	0.99	1.86	1.01	1.31	0.60
<b>Na2O (%)</b>	3.57	3.30	0.22	4.38	3.77	6.47	5.24	5.58	5.11
<b>P2O5 (%)</b>	0.32	0.14	0.08	0.31	0.19	0.30	0.22	0.21	0.22
<b>TiO2 (%)</b>	0.67	0.34	0.39	0.69	0.46	0.46	0.29	0.45	0.38
<b>SO3 (%)</b>	0.05	0.03	0.03	0.03	0.03	0.08	0.03	0.03	0.03
<b>Total (%)</b>	33.02	27.78	19.03	33.24	27.86	26.34	22.29	25.17	21.52
<b>SiO2 (%)</b>	64.67	70.27	79.64	64.43	70.19	71.82	76.15	73.06	76.98
<b>Al_m</b>	0.29	0.27	0.26	0.28	0.27	0.25	0.24	0.25	0.24
<b>Ca_m</b>	0.05	0.04	0.00	0.08	0.06	0.06	0.04	0.07	0.04
<b>K_m</b>	0.07	0.09	0.09	0.06	0.07	0.01	0.00	0.01	0.00
<b>Na_m</b>	0.12	0.11	0.01	0.14	0.12	0.21	0.17	0.18	0.16
<b>K_Al</b>	0.26	0.33	0.33	0.23	0.26	0.02	0.01	0.02	0.02
<b>Na_Al</b>	0.40	0.39	0.03	0.50	0.45	0.85	0.70	0.72	0.69
<b>Plag</b>	0.58	0.55	0.04	0.79	0.69	1.08	0.88	0.98	0.87

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

	East (NAD 27)	30215	301983	301999	302048	302089	302152	302185	302211	302014
<b>North (NAD 27)</b>	4319706	4319542	4319473	4319451	4319439	4319415	4319390	4319264	4319264	4319347
<b>Classification</b>	Plagioclase	Plag-KSpar	Plag-KSpar	Albite	Albite	Plag-KSpar	Plag-KSpar	Plagioclase	Plagioclase	Plagioclase
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437168	H437169	H437170	H437171	H437172	H437173	H437174	H437175	H437175	H437176
<b>Lithology</b>	Bear	Bear	Porphyry	Porphyry	Porphyry	Bear	Bear	Bear	Bear	Bear
<b>Ag (ppm)</b>	0.04	0.01	0.09	0.01	0.07	0.02	0.02	0.06	0.06	0.02
<b>Al (%)</b>	6.45	6.72	6.74	6.43	6.52	6.7	6.86	6.57	6.57	6.87
<b>As (ppm)</b>	2.9	1.3	0.8	1.8	0.5	3	2.7	0.7	0.7	6.5
<b>Ba (ppm)</b>	170	1440	2390	840	800	1560	1420	720	720	980
<b>Be (ppm)</b>	1.92	1.72	1.54	1.85	2.07	2.09	1.27	1.96	1.96	2.46
<b>Bi (ppm)</b>	0.18	0.38	0.46	0.34	0.27	0.23	0.04	0.1	0.1	0.34
<b>Ca (%)</b>	3.16	1.69	1.13	0.84	0.73	1.81	1.94	2.53	2.53	1.53
<b>Cd (ppm)</b>	0.03	-0.02	-0.02	-0.02	-0.02	-0.02	-0.02	0.02	0.02	0.02
<b>Ce (ppm)</b>	41.1	50.9	39.9	36.7	34.2	54.7	28.9	41.3	41.3	50.9
<b>Co (ppm)</b>	1.3	0.7	1.2	0.8	0.5	2.3	2.2	4.6	4.6	2.1
<b>Cr (ppm)</b>	13	13	10	7	8	11	12	12	12	9
<b>Cs (ppm)</b>	0.28	0.39	0.77	0.86	0.92	0.47	0.4	0.42	0.42	0.73
<b>Cu (ppm)</b>	356	28.8	53.5	78.8	50.8	60.3	244	271	271	124
<b>Fe (%)</b>	0.66	0.68	1.08	0.94	0.88	0.99	1.65	1.19	1.19	1.03
<b>Ga (ppm)</b>	20	19.9	19.45	20.6	19.5	20.1	13.45	21.6	21.6	24
<b>Ge (ppm)</b>	0.09	0.08	0.09	0.08	0.08	0.09	0.05	0.09	0.09	0.09
<b>Hf (ppm)</b>	0.8	1.6	1.3	1.4	1.4	0.9	0.6	0.8	0.8	1.4
<b>In (ppm)</b>	0.049	0.155	0.073	0.017	0.034	0.068	0.022	0.042	0.042	0.077
<b>K (%)</b>	0.17	2.55	2.15	1.19	1.3	2.84	2.64	1.38	1.38	1.58
<b>La (ppm)</b>	17.9	25.6	19.3	17.3	18.5	25.2	14	20.3	20.3	24.4
<b>Li (ppm)</b>	1.7	1.8	1.9	1.5	2	1.5	2.1	3.6	3.6	4.2
<b>Mg (%)</b>	0.8	0.53	0.21	0.1	0.18	0.57	0.59	0.58	0.58	0.32
<b>Mn (ppm)</b>	113	78	56	24	26	170	187	167	167	70
<b>Mo (ppm)</b>	0.85	1.03	1.27	4.75	1.79	1.57	0.63	0.7	0.7	1.67
<b>Na (%)</b>	3.67	3.13	3.27	3.56	3.17	3.11	3.04	3.47	3.47	3.65
<b>Nb (ppm)</b>	3.8	3.7	2.8	1.9	1.9	4.3	2.4	3.5	3.5	4.8
<b>Ni (ppm)</b>	4.5	5	2.9	1.5	1.2	7	8.1	8.7	8.7	9
<b>P (ppm)</b>	800	590	480	410	410	590	760	770	770	780
<b>Pb (ppm)</b>	4.1	4.2	3	3.2	2.4	4.7	3	3.6	3.6	5.2
<b>Rb (ppm)</b>	3.1	52.5	46.6	31.3	42.1	65	40.9	28.7	28.7	42.2
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.01	-0.01	0.03	0.07	0.12	0.01	0.01	0.01	0.01	0.01
<b>Sb (ppm)</b>	0.62	0.48	0.63	0.22	0.29	0.57	0.35	0.57	0.57	0.46

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	302515	301983	301999	302048	302089	302152	302185	302211	302014
<b>North (NAD 27)</b>	4319706	4319542	4319473	4319451	4319439	4319415	4319390	4319264	4319347
<b>Classification</b>	Plagioclase	Plag-KSpar	Plag-KSpar	Albite	Albite	Plag-KSpar	Plag-KSpar	Plagioclase	Plagioclase
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437168	H437169	H437170	H437171	H437172	H437173	H437174	H437175	H437176
<b>Lithology</b>	Bear	Bear	Porphyry	Porphyry	Porphyry	Bear	Bear	Bear	Bear
<b>Sc (ppm)</b>	6.1	5.3	4.4	3.4	4.5	5.9	3.5	5	5.8
<b>Se (ppm)</b>	2	2	2	2	2	2	1	2	2
<b>Sn (ppm)</b>	1.3	0.9	0.6	0.6	0.8	1	0.5	0.9	1
<b>Sr (ppm)</b>	1100	955	901	913	850	858	944	1030	858
<b>Ta (ppm)</b>	0.32	0.31	0.24	0.18	0.19	0.36	0.21	0.28	0.42
<b>Te (ppm)</b>	0.13	0.38	0.54	0.38	0.3	0.13	-0.05	0.05	0.24
<b>Th (ppm)</b>	8.4	8	6	7.2	8	8.1	6.2	8.2	15.2
<b>Ti (%)</b>	0.283	0.289	0.236	0.135	0.151	0.282	0.268	0.265	0.279
<b>Tl (ppm)</b>	0.03	0.2	0.2	0.13	0.18	0.26	0.14	0.12	0.17
<b>U (ppm)</b>	2	3.5	2.7	2.7	3.5	3.8	2.1	3.3	6
<b>V (ppm)</b>	48	51	46	32	39	55	63	62	58
<b>W (ppm)</b>	0.4	0.9	0.5	1.1	1.4	0.8	0.6	0.8	1.6
<b>Y (ppm)</b>	7.5	6.2	4.5	2.6	1.5	7.4	4.5	6.2	8.4
<b>Zn (ppm)</b>	9	8	5	5	4	13	17	10	10
<b>Zr (ppm)</b>	12	35.5	26.8	31.2	30.7	13.4	8.3	11.2	23.1
<b>Al2O3 (%)</b>	12.18	12.69	12.73	12.15	12.32	12.66	12.96	12.41	12.98
<b>CaO (%)</b>	4.42	2.36	1.58	1.18	1.02	2.53	2.71	3.54	2.14
<b>FeO (%)</b>	0.85	0.87	1.39	1.21	1.13	1.27	2.12	1.53	1.32
<b>K2O (%)</b>	0.20	3.07	2.59	1.43	1.57	3.42	3.18	1.66	1.90
<b>MgO (%)</b>	1.33	0.88	0.35	0.17	0.30	0.95	0.98	0.96	0.53
<b>Na2O (%)</b>	4.95	4.22	4.41	4.80	4.27	4.19	4.10	4.68	4.92
<b>P2O5 (%)</b>	0.18	0.14	0.11	0.09	0.09	0.14	0.17	0.18	0.18
<b>TiO2 (%)</b>	0.47	0.48	0.39	0.23	0.25	0.47	0.45	0.44	0.47
<b>SO3 (%)</b>	0.03	-0.03	0.08	0.18	0.30	0.03	0.03	0.03	0.03
<b>Total (%)</b>	24.61	24.70	23.63	21.42	21.25	25.65	26.70	25.43	24.47
<b>SiO2 (%)</b>	73.66	73.58	74.72	77.08	77.26	72.55	71.43	72.79	73.82
<b>Al_m</b>	0.24	0.25	0.25	0.24	0.24	0.25	0.25	0.24	0.25
<b>Ca_m</b>	0.08	0.04	0.03	0.02	0.02	0.05	0.05	0.06	0.04
<b>K_m</b>	0.00	0.07	0.06	0.03	0.03	0.07	0.07	0.04	0.04
<b>Na_m</b>	0.16	0.14	0.14	0.15	0.14	0.14	0.13	0.15	0.16
<b>K_Al</b>	0.02	0.26	0.22	0.13	0.14	0.29	0.27	0.15	0.16
<b>Na_Al</b>	0.67	0.55	0.57	0.65	0.57	0.54	0.52	0.62	0.62
<b>Plag</b>	1.00	0.72	0.68	0.74	0.65	0.73	0.71	0.88	0.77

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	302037	302057	302051	302150	301660	301873	301810	301803	302085
<b>North (NAD 27)</b>	4319301	4319241	4319144	4319115	4319392	4318848	4318777	4318696	4320785
<b>Classification</b>	Plagioclase	Plag-KSpar	Albite	Plagioclase	Plag-KSpar	Albite	Plag-KSpar	Plagioclase	Albite
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437177	H437178	H437179	H437180	H437181	H437182	H437183	H437184	H437185
<b>Lithology</b>	Porphyry	Bear	Porphyry	Bear	Porphyry	Porphyry	Bear	Bear	Bear (graphic txt.)
<b>Ag (ppm)</b>	0.09	0.02	0.38	0.27	0.01	0.01	0.03	0.06	0.02
<b>Al (%)</b>	6.88	6.8	6.51	6.71	7.05	6.55	7.06	7	6.54
<b>As (ppm)</b>	1.1	0.9	5.4	2	4.1	-0.2	2.4	2.3	1.6
<b>Ba (ppm)</b>	780	980	790	290	2100	170	1330	600	270
<b>Be (ppm)</b>	1.96	2.02	1.51	1.8	1.69	2.7	2.08	2.45	2.51
<b>Bi (ppm)</b>	0.32	0.11	0.12	0.16	1.03	0.07	0.05	0.1	0.03
<b>Ca (%)</b>	1.42	1.7	0.46	1.05	1.39	1.03	2.02	1.86	0.41
<b>Cd (ppm)</b>	-0.02	0.02	0.02	0.02	0.03	0.02	0.03	0.03	0.02
<b>Ce (ppm)</b>	31.7	42.5	46.2	43	45	41.5	48.4	47.4	7.53
<b>Co (ppm)</b>	10	3	2.3	0.3	1.5	1	3.1	2.8	6.7
<b>Cr (ppm)</b>	15	13	6	8	7	9	12	11	8
<b>Cs (ppm)</b>	0.83	1.3	0.67	0.69	0.91	0.32	0.78	0.88	0.87
<b>Cu (ppm)</b>	710	122.5	3420	217	220	161.5	224	142.5	2090
<b>Fe (%)</b>	1.7	0.98	0.95	0.98	1.19	0.53	0.91	1.09	0.61
<b>Ga (ppm)</b>	20.9	17.45	22.3	23.3	20.9	21.4	21.2	24.9	21.2
<b>Ge (ppm)</b>	0.09	0.07	0.07	0.08	0.09	0.07	0.09	0.06	0.05
<b>Hf (ppm)</b>	1.5	0.9	1	1	1.4	0.3	0.7	0.8	1.2
<b>In (ppm)</b>	0.029	0.036	0.081	0.029	0.147	0.045	0.048	0.022	0.01
<b>K (%)</b>	0.89	1.84	1.41	1.27	3.28	0.32	2.11	0.8	1.11
<b>La (ppm)</b>	14.2	20.8	22.3	20.3	22	21.1	24.2	22.6	3.1
<b>Li (ppm)</b>	3.4	4.1	3.6	3.1	2.3	4.7	5.2	5.7	3.7
<b>Mg (%)</b>	0.45	0.74	0.39	0.23	0.2	0.72	0.64	0.78	0.7
<b>Mn (ppm)</b>	72	165	67	28	75	57	139	93	53
<b>Mo (ppm)</b>	1.68	0.51	0.98	1.97	0.73	0.51	1.74	0.47	0.4
<b>Na (%)</b>	3.16	3.47	3.72	2.99	2.86	4.27	3.41	3.31	3.71
<b>Nb (ppm)</b>	1.6	3.2	1.5	1.4	3.6	1.3	3.8	2.9	4.6
<b>Ni (ppm)</b>	8.2	8.6	5.8	1.2	3.6	7.5	11.1	9.8	7.3
<b>P (ppm)</b>	590	850	570	350	520	520	790	840	770
<b>Pb (ppm)</b>	4.1	3.1	2.3	3.2	3.2	2.8	6.6	4.3	1.6
<b>Rb (ppm)</b>	29.3	40	47.7	54.2	85.3	11.5	53.6	30	53.7
<b>Re (ppm)</b>	0.004	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	0.002	-0.002
<b>S (%)</b>	1.46	0.01	0.03	0.24	0.02	-0.01	0.01	0.02	-0.01
<b>Sb (ppm)</b>	0.38	0.27	0.28	0.22	1.45	0.29	0.4	0.65	0.78

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	302037	302057	302051	302150	301660	301873	301810	301803	302085
<b>North (NAD 27)</b>	4319301	4319241	4319144	4319115	4319392	4318848	4318777	4318696	4320785
<b>Classification</b>	Plagioclase	Plag-KSpar	Albite	Plagioclase	Plag-KSpar	Albite	Plag-KSpar	Plagioclase	Albite
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437177	H437178	H437179	H437180	H437181	H437182	H437183	H437184	H437185
<b>Lithology</b>	Porphyry	Bear	Porphyry	Bear	Porphyry	Porphyry	Bear	Bear	Bear (graphic txt.)
<b>Sc (ppm)</b>	4.9	5.2	3.5	4.3	4.6	3.4	6	6.3	6
<b>Se (ppm)</b>	3	1	2	3	1	1	2	1	1
<b>Sn (ppm)</b>	0.8	1	2.7	3.2	0.9	1	1	1	1
<b>Sr (ppm)</b>	1225	879	407	931	768	810	978	1070	341
<b>Ta (ppm)</b>	0.14	0.24	0.13	0.13	0.27	0.12	0.31	0.22	0.4
<b>Te (ppm)</b>	0.29	0.08	0.09	0.11	0.74	-0.05	0.06	0.06	-0.05
<b>Th (ppm)</b>	6.2	7.8	6.3	6.1	7.7	5.4	8.6	10.5	21.9
<b>Ti (%)</b>	0.148	0.293	0.131	0.124	0.267	0.109	0.272	0.224	0.239
<b>Tl (ppm)</b>	0.14	0.17	0.19	0.24	0.34	0.05	0.21	0.13	0.19
<b>U (ppm)</b>	3.4	2.7	3.1	2.5	4	1.6	3.1	2.6	4.4
<b>V (ppm)</b>	49	61	45	40	56	36	56	53	43
<b>W (ppm)</b>	0.8	0.5	12.1	6.2	1.6	2.2	0.8	2.8	1.7
<b>Y (ppm)</b>	3.6	6.2	3.8	1.3	7.3	4.7	7.6	9	5.7
<b>Zn (ppm)</b>	8	11	9	3	9	7	16	12	9
<b>Zr (ppm)</b>	36.3	14.9	21.7	26	31.1	7	8.7	17.5	25.9
<b>Al2O3 (%)</b>	13.00	12.85	12.30	12.68	13.32	12.37	13.34	13.22	12.35
<b>CaO (%)</b>	1.99	2.38	0.64	1.47	1.94	1.44	2.83	2.60	0.57
<b>FeO (%)</b>	2.19	1.26	1.22	1.26	1.53	0.68	1.17	1.40	0.78
<b>K2O (%)</b>	1.07	2.22	1.70	1.53	3.95	0.39	2.54	0.96	1.34
<b>MgO (%)</b>	0.75	1.23	0.65	0.38	0.33	1.19	1.06	1.29	1.16
<b>Na2O (%)</b>	4.26	4.68	5.01	4.03	3.86	5.76	4.60	4.46	5.00
<b>P2O5 (%)</b>	0.14	0.19	0.13	0.08	0.12	0.12	0.18	0.19	0.18
<b>TiO2 (%)</b>	0.25	0.49	0.22	0.21	0.45	0.18	0.45	0.37	0.40
<b>SO3 (%)</b>	3.65	0.03	0.08	0.60	0.05	-0.03	0.03	0.05	-0.03
<b>Total (%)</b>	27.28	25.31	21.95	22.23	25.55	22.11	26.19	24.56	21.76
<b>SiO2 (%)</b>	70.81	72.91	76.52	76.21	72.67	76.35	71.97	73.72	76.72
<b>Al_m</b>	0.25	0.25	0.24	0.25	0.26	0.24	0.26	0.26	0.24
<b>Ca_m</b>	0.04	0.04	0.01	0.03	0.03	0.03	0.05	0.05	0.01
<b>K_m</b>	0.02	0.05	0.04	0.03	0.08	0.01	0.05	0.02	0.03
<b>Na_m</b>	0.14	0.15	0.16	0.13	0.12	0.19	0.15	0.14	0.16
<b>K_Al</b>	0.09	0.19	0.15	0.13	0.32	0.03	0.21	0.08	0.12
<b>Na_Al</b>	0.54	0.60	0.67	0.52	0.48	0.77	0.57	0.56	0.67
<b>Plag</b>	0.68	0.77	0.72	0.63	0.61	0.87	0.76	0.73	0.71

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	302045	302041	302145	302225	302253	302332	302446	302426	302506
<b>North (NAD 27)</b>	4320886	4321015	4321056	4321120	4321146	4321186	4321351	4321544	4321740
<b>Classification</b>	Plagioclase	Plagioclase	Sericite	Plagioclase	Sericite	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plagioclase
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437186	H437187	H437188	H437189	H437190	H437191	H437192	H437193	H437194
<b>Lithology</b>	Bear (graphic txt.)	Bear (graphic txt.)	Bear (graphic txt.)	Bear (graphic txt.)	Bear	Bear	Bear	Bear	Bear
<b>Ag (ppm)</b>	0.01	0.01	0.01	0.02	0.08	0.02	0.02	0.01	0.01
<b>Al (%)</b>	6.84	6.15	6.51	6.8	6.92	6.71	6.77	6.74	6.77
<b>As (ppm)</b>	2.5	1.4	3.4	2	4.2	1.2	2.7	5.3	1.5
<b>Ba (ppm)</b>	240	200	5150	380	1390	740	860	1140	320
<b>Be (ppm)</b>	2.37	2.08	0.66	2.43	1.58	1.9	1.65	1.98	2.08
<b>Bi (ppm)</b>	0.1	0.07	0.77	0.23	0.25	0.32	0.89	0.07	0.07
<b>Ca (%)</b>	2.95	2.88	0.11	3.64	0.82	1.8	4.26	2.42	3.61
<b>Cd (ppm)</b>	0.05	0.03	0.02	0.04	0.02	-0.02	0.02	0.03	0.04
<b>Ce (ppm)</b>	33	7.17	1.35	36.3	23.4	28.1	44.6	42.6	32.5
<b>Co (ppm)</b>	2.3	0.7	0.6	1.2	1.1	3.2	7.1	3.8	1.6
<b>Cr (ppm)</b>	10	8	8	14	5	10	11	10	11
<b>Cs (ppm)</b>	1.26	0.22	0.83	0.33	2.14	2.02	1.08	1.11	0.22
<b>Cu (ppm)</b>	137.5	16.8	36.3	76	640	153.5	66.2	17.1	81.5
<b>Fe (%)</b>	0.82	0.6	0.73	0.91	2.01	1.37	2.07	1.25	0.73
<b>Ga (ppm)</b>	23.1	13.15	14.7	22.4	23.3	22.6	25.9	20.2	22.6
<b>Ge (ppm)</b>	0.08	-0.05	0.07	0.11	0.1	0.09	0.12	0.11	0.1
<b>Hf (ppm)</b>	1	0.7	1.1	1.3	0.9	0.9	0.9	0.9	1
<b>In (ppm)</b>	0.038	0.013	0.012	0.027	0.125	0.071	0.19	0.022	0.029
<b>K (%)</b>	0.29	0.24	5.13	0.31	2.91	1.18	1.22	2.24	0.29
<b>La (ppm)</b>	11.3	2.9	0.5	15.2	9.8	10.5	20.8	20.1	12.2
<b>Li (ppm)</b>	3	0.9	2.2	2.3	4.8	5	6.5	5	1.7
<b>Mg (%)</b>	0.54	0.33	0.04	0.61	0.61	0.82	0.77	0.58	0.55
<b>Mn (ppm)</b>	133	160	34	305	158	158	245	193	149
<b>Mo (ppm)</b>	0.39	0.22	10.9	0.74	2.67	0.33	0.85	0.76	0.44
<b>Na (%)</b>	3.84	3.2	0.68	3.26	1	2.43	2.2	2.97	3.58
<b>Nb (ppm)</b>	4.6	3.6	4.4	4.6	2.3	3.1	3.9	3.8	4.2
<b>Ni (ppm)</b>	4.1	1.4	0.9	4.6	4	3.6	10.4	9.1	4.2
<b>P (ppm)</b>	850	570	80	550	1000	150	860	720	670
<b>Pb (ppm)</b>	6.1	3.3	4.3	4.7	2.8	5.3	4.2	6.3	4.7
<b>Rb (ppm)</b>	5.6	2.8	117	6.2	145.5	43.8	22.5	49.5	3.4
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.01	0.01	0.01	0.01	-0.01	0.01	0.01	-0.01	-0.01
<b>Sb (ppm)</b>	1.05	0.92	0.47	1.71	1.74	1.84	5.56	0.97	0.68

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	302045	302041	302145	302225	302253	302332	302446	302426	302506
<b>North (NAD 27)</b>	4320886	4321015	4321056	4321120	4321146	4321186	4321351	4321544	4321740
<b>Classification</b>	Plagioclase	Plagioclase	Sericite	Plagioclase	Sericite	Plag-KSpar	Plag-KSpar	Plag-KSpar	Plagioclase
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437186	H437187	H437188	H437189	H437190	H437191	H437192	H437193	H437194
<b>Lithology</b>	Bear (graphic txt.)	Bear (graphic txt.)	Bear (graphic txt.)	Bear (graphic txt.)	Bear	Bear	Bear	Bear	Bear
<b>Sc (ppm)</b>	5.8	3.9	2.1	6.6	1.2	8.3	6	5	6.2
<b>Se (ppm)</b>	2	1	2	2	2	1	1	1	2
<b>Sn (ppm)</b>	1.6	0.5	1.7	1.3	1.3	0.7	1	0.8	1.1
<b>Sr (ppm)</b>	1310	951	353	1300	244	964	1250	1105	1405
<b>Ta (ppm)</b>	0.33	0.33	0.39	0.37	0.17	0.23	0.29	0.28	0.31
<b>Te (ppm)</b>	0.05	-0.05	0.57	0.06	-0.05	0.05	-0.05	-0.05	-0.05
<b>Th (ppm)</b>	10.7	18.9	10.4	12.1	6.5	7	8.6	8.4	8.6
<b>Ti (%)</b>	0.285	0.217	0.239	0.287	0.219	0.262	0.3	0.266	0.287
<b>Tl (ppm)</b>	0.05	0.03	0.83	0.07	0.65	0.25	0.11	0.19	0.04
<b>U (ppm)</b>	2.1	1.5	3.9	3.6	4	1.7	3.2	3.1	1.9
<b>V (ppm)</b>	34	31	29	25	32	34	82	51	25
<b>W (ppm)</b>	0.4	0.3	2.1	0.3	1.3	0.9	0.3	0.6	0.2
<b>Y (ppm)</b>	8.2	4.6	1.4	7.8	3.8	5.4	7.6	6.6	7.2
<b>Zn (ppm)</b>	15	17	6	17	10	12	6	17	12
<b>Zr (ppm)</b>	18.2	17.3	26.1	23.8	16.1	19.5	12.6	12.7	17.9
<b>Al2O3 (%)</b>	12.92	11.62	12.30	12.85	13.07	12.68	12.79	12.73	12.79
<b>CaO (%)</b>	4.13	4.03	0.15	5.09	1.15	2.52	5.96	3.39	5.05
<b>FeO (%)</b>	1.05	0.77	0.94	1.17	2.58	1.76	2.66	1.61	0.94
<b>K2O (%)</b>	0.35	0.29	6.18	0.37	3.51	1.42	1.47	2.70	0.35
<b>MgO (%)</b>	0.90	0.55	0.07	1.01	1.01	1.36	1.28	0.96	0.91
<b>Na2O (%)</b>	5.18	4.31	0.92	4.39	1.35	3.28	2.97	4.00	4.83
<b>P2O5 (%)</b>	0.19	0.13	0.02	0.13	0.23	0.03	0.20	0.16	0.15
<b>TiO2 (%)</b>	0.48	0.36	0.40	0.48	0.37	0.44	0.50	0.44	0.48
<b>SO3 (%)</b>	0.03	0.03	0.03	0.03	-0.03	0.03	0.03	-0.03	-0.03
<b>Total (%)</b>	25.22	22.09	21.00	25.52	23.24	23.51	27.85	25.97	25.47
<b>SiO2 (%)</b>	73.02	76.37	77.53	72.70	75.13	74.85	70.21	72.21	72.74
<b>Al_m</b>	0.25	0.23	0.24	0.25	0.26	0.25	0.25	0.25	0.25
<b>Ca_m</b>	0.07	0.07	0.00	0.09	0.02	0.05	0.11	0.06	0.09
<b>K_m</b>	0.01	0.01	0.13	0.01	0.07	0.03	0.03	0.06	0.01
<b>Na_m</b>	0.17	0.14	0.03	0.14	0.04	0.11	0.10	0.13	0.16
<b>K_Al</b>	0.03	0.03	0.55	0.03	0.29	0.12	0.12	0.23	0.03
<b>Na_Al</b>	0.66	0.61	0.12	0.56	0.17	0.43	0.38	0.52	0.62
<b>Plag</b>	0.95	0.93	0.13	0.92	0.25	0.61	0.81	0.76	0.98

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	302183	302072	301994	301122	300904	300920	302090	302186	302395
<b>North (NAD 27)</b>	4322097	4321836	4321678	4321356	4321308	4321361	4320161	4320365	4320400
<b>Classification</b>	Plagioclase	Plag-KSpar	Plag-KSpar	Sericite	Albite	Sericite	Plag-KSpar	Plagioclase	Plag-KSpar
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437195	H437196	H437197	H437198	H437199	H437200	H437201	H437202	H437203
<b>Lithology</b>	Bear (graphic txt.)	Bear	Bear	Artesia	Artesia	Artesia	Bear	Bear	Bear
<b>Ag (ppm)</b>	0.01	0.14	0.04	0.03	0.01	0.07	0.02	-0.01	0.01
<b>Al (%)</b>	6.43	6.08	6.79	7.44	7.71	7.87	6.66	7.37	7.04
<b>As (ppm)</b>	1.3	0.7	1.9	2.6	2.5	8.9	1.9	2	1.8
<b>Ba (ppm)</b>	410	1160	1400	90	90	350	1050	240	1310
<b>Be (ppm)</b>	2.17	2.01	2.13	0.99	0.91	1.23	1.96	2.17	2.03
<b>Bi (ppm)</b>	0.05	0.28	0.09	0.1	0.29	1.38	0.24	0.7	0.13
<b>Ca (%)</b>	2.38	1.74	1.88	0.08	0.03	0.37	2.41	3.58	2.84
<b>Cd (ppm)</b>	0.04	0.02	0.06	-0.02	-0.02	0.02	0.02	0.04	0.05
<b>Ce (ppm)</b>	31.3	35.5	48.6	20.4	30.9	38.2	43.7	50.2	44
<b>Co (ppm)</b>	0.3	1.7	5.9	0.1	0.2	0.2	5.1	1.8	4.3
<b>Cr (ppm)</b>	13	8	8	52	41	54	11	13	13
<b>Cs (ppm)</b>	0.94	0.97	1.42	1.09	0.35	2.01	1.48	0.38	0.5
<b>Cu (ppm)</b>	41.4	346	18.8	14.8	5.6	17.7	19.1	80.5	7.3
<b>Fe (%)</b>	0.27	1.44	1.96	0.73	0.23	1.45	1.28	0.85	1.1
<b>Ga (ppm)</b>	19.75	15.95	20.7	12.1	7.73	24.2	19.55	25	18.6
<b>Ge (ppm)</b>	0.08	0.09	0.13	0.06	0.06	0.09	0.09	0.06	0.11
<b>Hf (ppm)</b>	1.2	1	1.3	0.9	0.9	1.1	1	1.1	0.9
<b>In (ppm)</b>	-0.005	0.14	0.027	0.052	0.011	0.115	0.086	0.032	0.05
<b>K (%)</b>	0.5	1.75	3.11	3.2	0.75	3.04	1.3	0.21	2.15
<b>La (ppm)</b>	13	15.7	24.2	9.1	12.5	17.1	21	22.5	20.6
<b>Li (ppm)</b>	1.6	3.6	3.2	1	8	2.5	5.7	1.4	1.5
<b>Mg (%)</b>	0.03	0.42	0.56	0.11	0.02	0.17	0.6	0.62	0.71
<b>Mn (ppm)</b>	58	153	301	11	7	15	150	188	183
<b>Mo (ppm)</b>	0.81	0.71	1.35	2.15	18.15	1.41	1.31	1	1.28
<b>Na (%)</b>	3.6	1.94	2.71	0.4	1.91	0.52	2.8	3.69	3.11
<b>Nb (ppm)</b>	5.1	3.7	4	1.1	1.6	1.9	4	4.4	3.9
<b>Ni (ppm)</b>	1	2.9	8.9	1.3	0.5	1.4	9.9	6	9.3
<b>P (ppm)</b>	40	60	790	110	530	490	840	990	930
<b>Pb (ppm)</b>	3.4	2.5	13	7.4	59.9	11.4	4.8	4.2	5.6
<b>Rb (ppm)</b>	14.3	74.7	102.5	76	18.5	94.6	28.7	3.1	44.6
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	0.002	0.003	-0.002	-0.002	-0.002
<b>S (%)</b>	-0.01	0.01	0.01	0.11	0.08	0.57	0.02	0.03	0.01
<b>Sb (ppm)</b>	0.47	1.43	0.44	1.93	3.06	4.8	1.35	0.87	0.83

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	302183	302072	301994	301122	300904	300920	302090	302186	302395
<b>North (NAD 27)</b>	4322097	4321836	4321678	4321356	4321308	4321361	4320161	4320365	4320400
<b>Classification</b>	Plagioclase	Plag-KSpar	Plag-KSpar	Sericite	Albite	Sericite	Plag-KSpar	Plagioclase	Plag-KSpar
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437195	H437196	H437197	H437198	H437199	H437200	H437201	H437202	H437203
<b>Lithology</b>	Bear (graphic txt.)	Bear	Bear	Artesia	Artesia	Artesia	Bear	Bear	Bear
<b>Sc (ppm)</b>	0.5	2.7	5.3	4.4	1.9	8.7	5.1	6.5	5.7
<b>Se (ppm)</b>	2	1	2	1	2	3	2	2	2
<b>Sn (ppm)</b>	0.7	0.7	0.9	1.5	4.7	6.3	1.1	1.2	1.1
<b>Sr (ppm)</b>	1185	729	902	32.3	1065	178	1145	1470	1100
<b>Ta (ppm)</b>	0.42	0.3	0.31	0.1	0.13	0.15	0.32	0.29	0.3
<b>Te (ppm)</b>	-0.05	-0.05	-0.05	0.08	0.37	1.15	0.17	0.39	0.09
<b>Th (ppm)</b>	6.2	7.7	13	2.5	4.6	3.7	10.1	9.6	8.7
<b>Ti (%)</b>	0.306	0.232	0.268	0.216	0.26	0.306	0.262	0.313	0.277
<b>Tl (ppm)</b>	0.09	0.27	0.32	1.34	0.46	2.12	0.15	0.03	0.14
<b>U (ppm)</b>	1.8	3.3	5	1.2	1.2	2.4	4.3	2.9	3.4
<b>V (ppm)</b>	17	22	57	89	45	135	64	51	59
<b>W (ppm)</b>	0.1	0.4	0.7	0.7	1.5	2.2	0.6	0.2	0.3
<b>Y (ppm)</b>	6.7	7.1	7.7	1	0.8	1.9	7	9.8	7.3
<b>Zn (ppm)</b>	8	5	45	2	-2	4	12	13	15
<b>Zr (ppm)</b>	19.4	17.3	21.3	32.6	33.3	41.1	20.5	18	14.2
<b>Al2O3 (%)</b>	12.15	11.49	12.83	14.05	14.56	14.87	12.58	13.92	13.30
<b>CaO (%)</b>	3.33	2.43	2.63	0.11	0.04	0.52	3.37	5.01	3.97
<b>FeO (%)</b>	0.35	1.85	2.52	0.94	0.30	1.86	1.65	1.09	1.41
<b>K2O (%)</b>	0.60	2.11	3.75	3.86	0.90	3.66	1.57	0.25	2.59
<b>MgO (%)</b>	0.05	0.70	0.93	0.18	0.03	0.28	0.99	1.03	1.18
<b>Na2O (%)</b>	4.85	2.62	3.65	0.54	2.57	0.70	3.77	4.97	4.19
<b>P2O5 (%)</b>	0.01	0.01	0.18	0.03	0.12	0.11	0.19	0.23	0.21
<b>TiO2 (%)</b>	0.51	0.39	0.45	0.36	0.43	0.51	0.44	0.52	0.46
<b>SO3 (%)</b>	-0.03	0.03	0.03	0.28	0.20	1.43	0.05	0.08	0.03
<b>Total (%)</b>	21.82	21.62	26.96	20.34	19.17	23.94	24.61	27.10	27.35
<b>SiO2 (%)</b>	76.65	76.87	71.15	78.23	79.49	74.38	73.66	71.00	70.74
<b>Al_m</b>	0.24	0.23	0.25	0.28	0.29	0.29	0.25	0.27	0.26
<b>Ca_m</b>	0.06	0.04	0.05	0.00	0.00	0.01	0.06	0.09	0.07
<b>K_m</b>	0.01	0.04	0.08	0.08	0.02	0.08	0.03	0.01	0.06
<b>Na_m</b>	0.16	0.08	0.12	0.02	0.08	0.02	0.12	0.16	0.14
<b>K_Al</b>	0.05	0.20	0.32	0.30	0.07	0.27	0.14	0.02	0.21
<b>Na_Al</b>	0.66	0.37	0.47	0.06	0.29	0.08	0.49	0.59	0.52
<b>Plag</b>	0.91	0.57	0.66	0.07	0.29	0.11	0.74	0.92	0.79

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	302431	301630	301790	301790	301785	301776	301933	301911
<b>North (NAD 27)</b>	4320158	4319560	4319509	4319410	4319408	4319276	4319362	4319343
<b>Classification</b>	Plagioclase	Albite	Albite	Plagioclase	Plag-KSpar	Plag-KSpar	Albite	Plagioclase
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437204	H437205	H437206	H437207	H437208	H437209	H437210	H437211
<b>Lithology</b>	Bear (K-spar phenos)	Bear	Porphyry	Bear	Bear	Bear	Porphyry	Bear (K-spar phenos)
<b>Ag (ppm)</b>	0.01	0.06	0.02	0.02	0.06	-0.01	0.03	-0.01
<b>Al (%)</b>	7.09	6.77	6.7	6.86	6.81	7.21	6.51	7.21
<b>As (ppm)</b>	0.6	1.7	3.4	3.8	1.3	1.5	0.8	0.7
<b>Ba (ppm)</b>	170	610	510	150	1010	2510	300	230
<b>Be (ppm)</b>	2.26	2.57	1.96	2.59	2.57	1.76	1.66	2.45
<b>Bi (ppm)</b>	0.06	0.89	0.95	0.13	0.11	0.32	0.44	0.15
<b>Ca (%)</b>	3.16	0.32	0.33	3.8	2.02	1.79	0.71	3.2
<b>Cd (ppm)</b>	-0.02	-0.02	-0.02	0.03	0.02	0.02	0.02	0.03
<b>Ce (ppm)</b>	54.9	63.3	27.5	42.5	65.5	44.2	11.45	49.5
<b>Co (ppm)</b>	3.3	0.3	0.3	1.5	10	0.7	0.4	2.2
<b>Cr (ppm)</b>	12	5	7	7	7	13	8	12
<b>Cs (ppm)</b>	0.26	0.93	0.81	0.97	3.45	0.52	0.75	0.32
<b>Cu (ppm)</b>	3.9	100	139.5	347	533	7.4	34.3	47.7
<b>Fe (%)</b>	0.75	0.69	1.72	0.52	2.43	0.78	1.29	0.77
<b>Ga (ppm)</b>	18.5	20.2	18.7	20.5	18.85	16.6	17.65	19.55
<b>Ge (ppm)</b>	0.1	0.1	0.09	0.11	0.12	0.09	0.08	0.09
<b>Hf (ppm)</b>	0.9	1.3	1.3	1.2	1.4	1.7	1.4	0.8
<b>In (ppm)</b>	0.038	0.066	0.157	0.053	0.031	0.148	0.044	0.093
<b>K (%)</b>	0.2	1.09	0.79	0.21	3.43	3.75	1.02	0.33
<b>La (ppm)</b>	27	30.9	12.3	15.9	30.4	19.5	6.4	22.3
<b>Li (ppm)</b>	1.2	2.9	1.2	1.6	2.3	0.8	1.9	2.6
<b>Mg (%)</b>	0.71	0.22	0.06	0.38	0.66	0.55	0.15	0.74
<b>Mn (ppm)</b>	170	20	21	124	387	91	39	125
<b>Mo (ppm)</b>	0.77	2.68	1.78	1.13	1.99	1.81	2.08	0.91
<b>Na (%)</b>	3.93	3.55	4.23	3.82	2.6	2.72	3.2	3.82
<b>Nb (ppm)</b>	3.9	4.3	2.2	5.7	7.5	4	1.5	4.4
<b>Ni (ppm)</b>	8.2	1.4	0.8	3.5	10.3	5.1	1.1	8.8
<b>P (ppm)</b>	820	340	190	2430	880	960	310	1080
<b>Pb (ppm)</b>	4.4	2.9	2.1	4.4	10.2	2.5	2.7	3.4
<b>Rb (ppm)</b>	2.7	48.7	29.8	3.6	148	87	38.1	7.1
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.01	0.01	0.02	0.01	0.01	0.02	0.15	0.01
<b>Sb (ppm)</b>	0.33	0.76	0.54	0.51	0.44	0.48	0.32	0.39

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	302431	301630	301790	301790	301785	301776	301933	301911
<b>North (NAD 27)</b>	4320158	4319560	4319509	4319410	4319408	4319276	4319362	4319343
<b>Classification</b>	Plagioclase	Albite	Albite	Plagioclase	Plag-KSpar	Plag-KSpar	Albite	Plagioclase
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437204	H437205	H437206	H437207	H437208	H437209	H437210	H437211
<b>Lithology</b>	Bear (K-spar phenos)	Bear	Porphyry	Bear	Bear	Bear	Porphyry	Bear (K-spar phenos)
<b>Sc (ppm)</b>	5.5	4.9	3.7	5.9	6.4	5.6	4.5	6.2
<b>Se (ppm)</b>	1	2	2	2	1	2	4	2
<b>Sn (ppm)</b>	0.9	1.5	0.6	0.9	1.1	0.9	0.7	1.1
<b>Sr (ppm)</b>	1235	398	579	1160	678	926	760	1315
<b>Ta (ppm)</b>	0.32	0.36	0.18	0.44	0.59	0.28	0.11	0.33
<b>Te (ppm)</b>	-0.05	0.79	0.71	0.05	-0.05	0.26	0.49	0.07
<b>Th (ppm)</b>	9	22.4	6.5	9.9	17.6	8.4	6.4	9.7
<b>Ti (%)</b>	0.274	0.23	0.163	0.346	0.331	0.282	0.13	0.302
<b>Tl (ppm)</b>	0.03	0.19	0.14	0.05	0.49	0.33	0.19	0.04
<b>U (ppm)</b>	2.3	10.8	2.4	3.4	5.1	3.1	2.9	3.7
<b>V (ppm)</b>	56	53	38	52	78	46	49	62
<b>W (ppm)</b>	0.3	2	1	0.3	0.7	0.7	0.9	0.4
<b>Y (ppm)</b>	7.5	5.9	2.6	12.7	13.7	6.7	1.1	8.9
<b>Zn (ppm)</b>	13	4	2	15	56	7	4	11
<b>Zr (ppm)</b>	13.2	34.9	31.1	19.9	26.8	39.8	34.6	14.6
<b>Al<sub>2</sub>O<sub>3</sub> (%)</b>	13.39	12.79	12.66	12.96	12.86	13.62	12.30	13.62
<b>CaO (%)</b>	4.42	0.45	0.46	5.32	2.83	2.50	0.99	4.48
<b>FeO (%)</b>	0.96	0.89	2.21	0.67	3.12	1.00	1.66	0.99
<b>K<sub>2</sub>O (%)</b>	0.24	1.31	0.95	0.25	4.13	4.52	1.23	0.40
<b>MgO (%)</b>	1.18	0.36	0.10	0.63	1.09	0.91	0.25	1.23
<b>Na<sub>2</sub>O (%)</b>	5.30	4.79	5.70	5.15	3.50	3.67	4.31	5.15
<b>P<sub>2</sub>O<sub>5</sub> (%)</b>	0.19	0.08	0.04	0.56	0.20	0.22	0.07	0.25
<b>TiO<sub>2</sub> (%)</b>	0.46	0.38	0.27	0.58	0.55	0.47	0.22	0.50
<b>SO<sub>3</sub> (%)</b>	0.03	0.03	0.05	0.03	0.03	0.05	0.38	0.03
<b>Total (%)</b>	26.16	21.07	22.45	26.13	28.33	26.96	21.40	26.64
<b>SiO<sub>2</sub> (%)</b>	72.00	77.45	75.98	72.04	69.69	71.15	77.10	71.50
<b>Al_m</b>	0.26	0.25	0.25	0.25	0.25	0.27	0.24	0.27
<b>Ca_m</b>	0.08	0.01	0.01	0.10	0.05	0.04	0.02	0.08
<b>K_m</b>	0.01	0.03	0.02	0.01	0.09	0.10	0.03	0.01
<b>Na_m</b>	0.17	0.15	0.18	0.17	0.11	0.12	0.14	0.17
<b>K_Al</b>	0.02	0.11	0.08	0.02	0.35	0.36	0.11	0.03
<b>Na_Al</b>	0.65	0.62	0.74	0.65	0.45	0.44	0.58	0.62
<b>Plag</b>	0.95	0.65	0.77	1.03	0.65	0.61	0.65	0.92

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

	East (NAD 27)	301932	301938	302005	302054	302052	302032	302016
<b>North (NAD 27)</b>	4319229	4319132	4319040	4319043	4318988	4318957	4318918	4318955
<b>Classification</b>	Plag-KSpar	Albite	Plag-KSpar	Albite	Albite	Albite-KSpar-Sericite	Albite	Plag-KSpar
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437212	H437213	H437214	H437215	H437216	H437217	H437218	H437219
<b>Lithology</b>	gabbro	Bear	Bear	Porphyry	Bear	Porphyry	Bear	Bear
<b>Ag (ppm)</b>	0.07	0.18	0.03	0.25	0.06	0.16	0.15	0.04
<b>Al (%)</b>	8	6.94	6.85	6.86	6.64	6.78	7.04	7.06
<b>As (ppm)</b>	0.9	3.9	0.9	3.4	0.5	3	13.4	0.6
<b>Ba (ppm)</b>	930	190	1030	370	180	1660	590	1650
<b>Be (ppm)</b>	1.26	2.05	1.69	2.18	2.1	1.96	3.21	1.87
<b>Bi (ppm)</b>	0.08	0.28	0.1	0.34	0.02	0.19	0.14	0.09
<b>Ca (%)</b>	5.17	0.95	1.76	0.66	0.73	0.4	0.51	2.28
<b>Cd (ppm)</b>	0.06	-0.02	0.06	-0.02	0.03	-0.02	0.05	0.04
<b>Ce (ppm)</b>	30.7	54.6	47.6	21.2	20.9	10.5	46.2	49.8
<b>Co (ppm)</b>	23.2	0.7	18.3	0.6	1.2	0.8	19.8	5.6
<b>Cr (ppm)</b>	15	10	13	19	10	6	10	14
<b>Cs (ppm)</b>	0.73	0.57	0.43	0.76	0.33	0.65	3.64	0.73
<b>Cu (ppm)</b>	245	248	811	104	282	138.5	1960	324
<b>Fe (%)</b>	5.15	0.73	1.81	1.2	0.42	0.76	1.46	1.64
<b>Ga (ppm)</b>	18.45	21.9	17.85	15.85	19.45	18.25	19.45	19.4
<b>Ge (ppm)</b>	0.13	0.1	0.09	0.08	0.07	0.07	0.09	0.12
<b>Hf (ppm)</b>	1.5	1.5	0.7	1.3	1.2	1.2	0.4	0.9
<b>In (ppm)</b>	0.059	0.018	0.022	0.021	0.008	0.013	0.064	0.035
<b>K (%)</b>	1.68	0.51	2.37	0.71	0.48	2.45	1.56	2.46
<b>La (ppm)</b>	13.4	26	22.7	11.1	10.3	6.1	22.1	23.5
<b>Li (ppm)</b>	4.6	5.4	5.9	2.6	5.2	2.8	8.6	5.7
<b>Mg (%)</b>	2.38	0.53	0.72	0.16	0.68	0.12	0.59	0.72
<b>Mn (ppm)</b>	990	48	248	28	92	22	59	190
<b>Mo (ppm)</b>	0.38	2.5	0.82	5.1	1.46	2.07	1.43	0.85
<b>Na (%)</b>	2.34	4.14	2.96	4.1	4.56	3.35	3.41	2.83
<b>Nb (ppm)</b>	3.2	1.9	3.9	1.5	2.8	1.5	3.6	4.2
<b>Ni (ppm)</b>	17.9	7.2	15.7	2	8.7	1.3	38.8	15.5
<b>P (ppm)</b>	1590	500	860	410	920	260	790	980
<b>Pb (ppm)</b>	6.4	4.1	6.5	2.3	1.8	3.2	2.9	4.8
<b>Rb (ppm)</b>	32	22.5	60.2	31.8	21.3	62.9	66.2	47.5
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.01	0.03	0.01	0.09	0.01	0.03	0.01	0.01
<b>Sb (ppm)</b>	0.42	0.36	0.46	0.41	0.22	0.27	1.79	0.43

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	301876	301932	301938	302005	302054	302052	302032	302016
<b>North (NAD 27)</b>	4319229	4319132	4319040	4319043	4318988	4318957	4318918	4318955
<b>Classification</b>	Plag-KSpar	Albite	Plag-KSpar	Albite	Albite	Albite-KSpar-Sericite	Albite	Plag-KSpar
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437212	H437213	H437214	H437215	H437216	H437217	H437218	H437219
<b>Lithology</b>	gabbro	Bear	Bear	Porphyry	Bear	Porphyry	Bear	Bear
<b>Sc (ppm)</b>	21.7	4.8	5.8	3.6	4.6	2.7	5.6	6.3
<b>Se (ppm)</b>	1	2	2	3	1	2	2	2
<b>Sn (ppm)</b>	0.9	1.3	0.9	1	1.6	1.5	1.5	1.1
<b>Sr (ppm)</b>	999	856	928	626	532	468	278	1070
<b>Ta (ppm)</b>	0.21	0.15	0.3	0.11	0.2	0.12	0.27	0.3
<b>Te (ppm)</b>	0.05	0.19	0.05	0.27	-0.05	0.13	0.08	0.05
<b>Th (ppm)</b>	2.6	8.9	9.3	6.2	8.2	4.1	8.2	8
<b>Ti (%)</b>	0.465	0.15	0.273	0.148	0.199	0.13	0.258	0.309
<b>Tl (ppm)</b>	0.23	0.13	0.25	0.12	0.09	0.27	0.25	0.22
<b>U (ppm)</b>	1	3.8	3.8	2.7	3.3	2.2	3.7	3
<b>V (ppm)</b>	204	52	59	39	54	36	71	67
<b>W (ppm)</b>	0.6	2.4	0.8	2.6	6.5	1.8	7.9	0.6
<b>Y (ppm)</b>	14.3	4.4	8.1	2	5.8	1.3	7.6	7.8
<b>Zn (ppm)</b>	75	8	21	3	9	3	30	15
<b>Zr (ppm)</b>	47.2	40.5	11.7	36.8	32.8	31.6	4.7	13.9
<b>Al2O3 (%)</b>	15.11	13.11	12.94	12.96	12.54	12.81	13.30	13.34
<b>CaO (%)</b>	7.23	1.33	2.46	0.92	1.02	0.56	0.71	3.19
<b>FeO (%)</b>	6.62	0.94	2.33	1.54	0.54	0.98	1.88	2.11
<b>K2O (%)</b>	2.02	0.61	2.86	0.86	0.58	2.95	1.88	2.96
<b>MgO (%)</b>	3.95	0.88	1.19	0.27	1.13	0.20	0.98	1.19
<b>Na2O (%)</b>	3.15	5.58	3.99	5.53	6.15	4.52	4.60	3.81
<b>P2O5 (%)</b>	0.36	0.11	0.20	0.09	0.21	0.06	0.18	0.22
<b>TiO2 (%)</b>	0.78	0.25	0.46	0.25	0.33	0.22	0.43	0.52
<b>SO3 (%)</b>	0.03	0.08	0.03	0.23	0.03	0.08	0.03	0.03
<b>Total (%)</b>	39.26	22.89	26.45	22.64	22.52	22.36	23.98	27.37
<b>SiO2 (%)</b>	57.99	75.51	71.70	75.78	75.90	76.07	74.34	70.71
<b>Al_m</b>	0.30	0.26	0.25	0.25	0.25	0.25	0.26	0.26
<b>Ca_m</b>	0.13	0.02	0.04	0.02	0.02	0.01	0.01	0.06
<b>K_m</b>	0.04	0.01	0.06	0.02	0.01	0.06	0.04	0.06
<b>Na_m</b>	0.10	0.18	0.13	0.18	0.20	0.15	0.15	0.12
<b>K_Al</b>	0.15	0.05	0.24	0.07	0.05	0.25	0.15	0.24
<b>Na_Al</b>	0.34	0.70	0.51	0.70	0.81	0.58	0.57	0.47
<b>Plag</b>	0.78	0.79	0.68	0.77	0.88	0.62	0.62	0.69

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	302022	302161	302157	300909	300784	301793	301717	301668
<b>North (NAD 27)</b>	4318847	4318922	4318980	4320118	4319861	4320308	4320483	4320488
<b>Classification</b>	Albite-KSpar-Sericite	Albite-KSpar-Sericite	Plag-KSpar	Albite-KSpar-Sericite	Albite-KSpar-Sericite	Plag-KSpar	Sericite	Albite-KSpar-Sericite
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437220	H437221	H437222	H437223	H437224	H437251	H437252	H437253
<b>Lithology</b>	Porphyry	Porphyry	Bear	Porphyry	Bear	Porphyry (Blue Hill)	Porphyry	Porphyry, mafic
<b>Ag (ppm)</b>	0.27	0.67	0.06	0.02	0.04	0.04	0.06	0.04
<b>Al (%)</b>	6.93	7.34	6.95	6.44	7.36	7.91	7.88	7.93
<b>As (ppm)</b>	5.7	20.1	0.8	5.2	3.3	6.5	9.6	7.9
<b>Ba (ppm)</b>	1720	1730	1090	1760	1120	3580	3310	3550
<b>Be (ppm)</b>	1.46	1.73	1.95	1.57	2.76	1.9	2.22	1.96
<b>Bi (ppm)</b>	0.12	0.53	0.06	0.89	0.08	0.41	0.59	0.77
<b>Ca (%)</b>	0.57	0.43	1.21	0.24	0.99	2.33	0.56	0.43
<b>Cd (ppm)</b>	-0.02	-0.02	-0.02	0.03	0.02	0.03	-0.02	0.03
<b>Ce (ppm)</b>	23.7	11.25	42.4	16.5	66.5	43.9	50.8	34.9
<b>Co (ppm)</b>	0.8	0.4	0.9	0.9	5	2.9	1.7	0.6
<b>Cr (ppm)</b>	5	6	12	10	6	10	19	6
<b>Cs (ppm)</b>	0.92	0.89	0.28	0.9	3.59	1.46	1.8	0.98
<b>Cu (ppm)</b>	235	153	466	36.4	123.5	26	37	23
<b>Fe (%)</b>	0.77	0.71	1.21	1.33	3.38	1.88	2.11	1.64
<b>Ga (ppm)</b>	18.15	20	18.45	15.4	21	21.9	22.2	20.6
<b>Ge (ppm)</b>	0.08	0.08	0.09	0.08	0.14	0.1	0.09	0.08
<b>Hf (ppm)</b>	0.5	1.4	0.6	1.2	0.8	1.4	2	1.9
<b>In (ppm)</b>	0.044	0.073	0.024	0.024	0.032	0.046	0.029	0.045
<b>K (%)</b>	3.04	3.24	2.04	2.04	3.17	3.48	3.23	3.94
<b>La (ppm)</b>	11.8	5.4	21.1	9.1	33.4	21.5	24.8	18
<b>Li (ppm)</b>	3.6	6.4	4.1	1.5	7.6	5	6.9	2.3
<b>Mg (%)</b>	0.26	0.25	0.69	0.06	0.69	0.32	0.57	0.16
<b>Mn (ppm)</b>	29	27	164	42	198	201	126	46
<b>Mo (ppm)</b>	39	25.9	0.9	1.83	3.27	1.14	4.97	2.05
<b>Na (%)</b>	2.97	2.53	3.44	3.82	2.93	2.07	1.64	2.75
<b>Nb (ppm)</b>	1.4	2	3.1	2.7	7.8	3.1	3.1	3.3
<b>Ni (ppm)</b>	2.6	2.4	10.8	1.9	11.5	6.4	6.2	1.1
<b>P (ppm)</b>	290	180	810	320	1120	660	940	430
<b>Pb (ppm)</b>	3.7	1.3	2.4	4.7	6.5	6.1	3	6.5
<b>Rb (ppm)</b>	82.8	119	53.1	53.9	114	77.2	108.5	98.2
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	0.002	-0.002
<b>S (%)</b>	0.07	0.02	0.02	0.08	0.02	0.02	0.14	0.02
<b>Sb (ppm)</b>	0.32	12.45	0.31	1.12	1.43	2.07	0.86	0.79

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	302022	302161	302157	300909	300784	301793	301717	301668
<b>North (NAD 27)</b>	4318847	4318922	4318980	4320118	4319861	4320308	4320483	4320488
<b>Classification</b>	Albite-KSpar-Sericite	Albite-KSpar-Sericite	Plag-KSpar	Albite-KSpar-Sericite	Albite-KSpar-Sericite	Plag-KSpar	Sericite	Albite-KSpar-Sericite
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437220	H437221	H437222	H437223	H437224	H437251	H437252	H437253
<b>Lithology</b>	Porphyry	Porphyry	Bear	Porphyry	Bear	Porphyry (Blue Hill)	Porphyry	Porphyry, mafic
<b>Sc (ppm)</b>	3.1	5.2	5.3	3.2	7.7	4.7	7.5	4
<b>Se (ppm)</b>	3	4	1	2	2	3	3	2
<b>Sn (ppm)</b>	1.4	5.2	1.6	0.6	1.2	0.8	0.9	0.8
<b>Sr (ppm)</b>	593	312	689	460	418	1295	389	533
<b>Ta (ppm)</b>	0.1	0.14	0.24	0.19	0.56	0.23	0.22	0.25
<b>Te (ppm)</b>	0.08	0.06	-0.05	0.14	-0.05	0.35	0.36	0.57
<b>Th (ppm)</b>	5.9	4.7	8.1	8	28.6	8.1	8.1	8.4
<b>Ti (%)</b>	0.115	0.177	0.245	0.197	0.358	0.247	0.314	0.264
<b>Tl (ppm)</b>	0.33	0.44	0.21	0.29	0.45	0.38	0.6	0.63
<b>U (ppm)</b>	2.2	3	3.2	3	9.5	3.4	4.9	4.8
<b>V (ppm)</b>	42	95	53	36	96	63	94	52
<b>W (ppm)</b>	10.8	7.2	2.2	1.4	2.7	1.2	4.3	1.9
<b>Y (ppm)</b>	2.2	1.9	7.4	2	12.1	6.1	5.6	1.9
<b>Zn (ppm)</b>	6	3	13	5	25	12	15	6
<b>Zr (ppm)</b>	12.9	43.4	8.4	27.6	22	31	53.7	43.8
<b>Al<sub>2</sub>O<sub>3</sub> (%)</b>	13.09	13.87	13.13	12.17	13.90	14.94	14.89	14.98
<b>CaO (%)</b>	0.80	0.60	1.69	0.34	1.39	3.26	0.78	0.60
<b>FeO (%)</b>	0.99	0.91	1.56	1.71	4.35	2.42	2.71	2.11
<b>K<sub>2</sub>O (%)</b>	3.66	3.90	2.46	2.46	3.82	4.19	3.89	4.75
<b>MgO (%)</b>	0.43	0.41	1.14	0.10	1.14	0.53	0.95	0.27
<b>Na<sub>2</sub>O (%)</b>	4.00	3.41	4.64	5.15	3.95	2.79	2.21	3.71
<b>P<sub>2</sub>O<sub>5</sub> (%)</b>	0.07	0.04	0.19	0.07	0.26	0.15	0.22	0.10
<b>TiO<sub>2</sub> (%)</b>	0.19	0.30	0.41	0.33	0.60	0.41	0.52	0.44
<b>SO<sub>3</sub> (%)</b>	0.18	0.05	0.05	0.20	0.05	0.05	0.35	0.05
<b>Total (%)</b>	23.41	23.50	25.26	22.52	29.45	28.75	26.52	27.00
<b>SiO<sub>2</sub> (%)</b>	74.95	74.86	72.97	75.90	68.49	69.24	71.62	71.11
<b>Al_m</b>	0.26	0.27	0.26	0.24	0.27	0.29	0.29	0.29
<b>Ca_m</b>	0.01	0.01	0.03	0.01	0.02	0.06	0.01	0.01
<b>K_m</b>	0.08	0.08	0.05	0.05	0.08	0.09	0.08	0.10
<b>Na_m</b>	0.13	0.11	0.15	0.17	0.13	0.09	0.07	0.12
<b>K_Al</b>	0.30	0.31	0.20	0.22	0.30	0.30	0.28	0.34
<b>Na_Al</b>	0.50	0.40	0.58	0.70	0.47	0.31	0.24	0.41
<b>Plag</b>	0.56	0.44	0.70	0.72	0.56	0.51	0.29	0.44

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	301490	301383	301362	301260	301324	301261	301435	301419
<b>North (NAD 27)</b>	4320455	4320240	4320152	4320170	4320310	4320384	4320347	4320488
<b>Classification</b>	Plag-KSpar	Sericite-Albite	Plag-KSpar	Plagioclase	Albite	Sericite	Plagioclase	Albite
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437254	H437255	H437256	H437257	H437258	H437259	H437260	H437261
<b>Lithology</b>	Porphyry	McLeod QMD	Porphyry, crowded	Bear QM	Porphyry	???	Qz-tourmaline breccias	Porphyry
<b>Ag (ppm)</b>	0.01	0.03	0.03	0.03	0.01	0.08	0.03	0.02
<b>Al (%)</b>	8.16	7.98	7.88	8.27	7.79	8.3	4.13	7.66
<b>As (ppm)</b>	4.7	14	8.1	8	4.7	3.4	6.3	6.3
<b>Ba (ppm)</b>	2410	620	2890	570	880	1210	130	210
<b>Be (ppm)</b>	1.79	2.75	1.9	3.13	2.01	1.98	0.83	2.06
<b>Bi (ppm)</b>	0.09	0.78	0.39	0.3	0.43	0.91	0.18	0.45
<b>Ca (%)</b>	1.34	0.57	2.01	3.29	0.41	0.12	0.71	0.32
<b>Cd (ppm)</b>	0.04	0.02	0.03	0.04	0.03	0.02	0.02	-0.02
<b>Ce (ppm)</b>	48.9	60.8	42.1	69.1	30.9	42.6	23.6	37.8
<b>Co (ppm)</b>	16.3	0.7	1.8	4.8	2.1	0.4	8.4	0.5
<b>Cr (ppm)</b>	37	10	9	7	6	11	6	9
<b>Cs (ppm)</b>	1.36	2.87	1.19	1.05	0.69	2.35	0.52	0.6
<b>Cu (ppm)</b>	94.9	71.6	58.7	414	49.5	57	68.8	47.3
<b>Fe (%)</b>	3.82	1.93	1.83	1.96	1.46	1.68	1.21	1.6
<b>Ga (ppm)</b>	19.65	29.5	22	27.6	21.4	21.6	10.2	21.2
<b>Ge (ppm)</b>	0.12	0.1	0.1	0.12	0.09	0.08	0.08	0.08
<b>Hf (ppm)</b>	2.5	0.8	1.6	0.8	1.8	0.9	1	1.6
<b>In (ppm)</b>	0.03	0.067	0.037	0.058	0.02	0.08	0.008	0.01
<b>K (%)</b>	3.04	2.48	3.17	1.07	1.27	3.61	0.44	0.69
<b>La (ppm)</b>	25.1	26.8	20.5	25.7	15.7	23.6	10.3	21.1
<b>Li (ppm)</b>	9.7	8.1	4.6	6.4	2.4	5.5	6.7	1.8
<b>Mg (%)</b>	1.46	0.92	0.33	1.07	0.16	0.45	0.27	0.13
<b>Mn (ppm)</b>	497	81	233	233	54	58	130	23
<b>Mo (ppm)</b>	1.89	3.46	1.52	0.59	2.05	2.77	1.18	4.24
<b>Na (%)</b>	2.67	1.89	3	4.55	4.91	0.52	1.99	5.27
<b>Nb (ppm)</b>	7.3	5.1	3.3	9.6	3.1	3.1	3.2	2.8
<b>Ni (ppm)</b>	29	5	4.4	10.3	1.9	3	4.5	1.1
<b>P (ppm)</b>	1020	470	650	1570	480	350	1890	410
<b>Pb (ppm)</b>	4	3.8	5.5	5.1	3.5	5.2	3.2	4.6
<b>Rb (ppm)</b>	79.1	124.5	73.1	30.2	37.6	143	15.2	30.3
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.01	0.07	0.02	0.01	0.01	0.12	0.07	0.02
<b>Sb (ppm)</b>	2.08	2.8	1.7	2.51	0.78	2	0.75	0.7

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	301490	301383	301362	301260	301324	301261	301435	301419
<b>North (NAD 27)</b>	4320455	4320240	4320152	4320170	4320310	4320384	4320347	4320488
<b>Classification</b>	Plag-KSpar	Sericite-Albite	Plag-KSpar	Plagioclase	Albite	Sericite	Plagioclase	Albite
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437254	H437255	H437256	H437257	H437258	H437259	H437260	H437261
<b>Lithology</b>	Porphyry	McLeod QMD	Porphyry, crowded	Bear QM	Porphyry	???	Qz-tourmaline breccias	Porphyry
<b>Sc (ppm)</b>	15.5	12	5.1	10.1	4.1	7.5	4.8	4.7
<b>Se (ppm)</b>	2	3	3	3	2	2	2	2
<b>Sn (ppm)</b>	1.7	1.6	0.8	2	0.8	1.1	1	0.7
<b>Sr (ppm)</b>	642	172	1005	849	436	96	144	377
<b>Ta (ppm)</b>	0.6	0.35	0.24	0.63	0.22	0.24	0.37	0.2
<b>Te (ppm)</b>	0.05	0.75	0.19	0.2	0.15	0.86	0.18	0.24
<b>Th (ppm)</b>	9.5	18	7.3	21.5	7.9	23.8	43.7	8.3
<b>Ti (%)</b>	0.351	0.407	0.266	0.564	0.24	0.279	0.13	0.213
<b>Tl (ppm)</b>	0.39	0.64	0.43	0.17	0.19	0.74	0.09	0.11
<b>U (ppm)</b>	2.8	6.3	3.7	7.2	5	3.4	5.8	3.1
<b>V (ppm)</b>	118	151	65	146	51	96	61	49
<b>W (ppm)</b>	1.9	5.3	1.3	1.1	1.1	2	1.8	1.2
<b>Y (ppm)</b>	16.1	8.1	6.9	16.8	4.3	4.7	6	3.8
<b>Zn (ppm)</b>	69	11	14	19	6	9	7	4
<b>Zr (ppm)</b>	80.5	15.2	35.4	14.2	44	24.1	20.7	35.9
<b>Al2O3 (%)</b>	15.41	15.07	14.89	15.62	14.72	15.68	7.80	14.47
<b>CaO (%)</b>	1.87	0.80	2.81	4.60	0.57	0.17	0.99	0.45
<b>FeO (%)</b>	4.91	2.48	2.35	2.52	1.88	2.16	1.56	2.06
<b>K2O (%)</b>	3.66	2.99	3.82	1.29	1.53	4.35	0.53	0.83
<b>MgO (%)</b>	2.42	1.53	0.55	1.77	0.27	0.75	0.45	0.22
<b>Na2O (%)</b>	3.60	2.55	4.04	6.13	6.62	0.70	2.68	7.10
<b>P2O5 (%)</b>	0.23	0.11	0.15	0.36	0.11	0.08	0.43	0.09
<b>TiO2 (%)</b>	0.59	0.68	0.44	0.94	0.40	0.47	0.22	0.36
<b>SO3 (%)</b>	0.03	0.18	0.05	0.03	0.03	0.30	0.18	0.05
<b>Total (%)</b>	32.73	26.38	29.10	33.27	26.12	24.65	14.84	25.63
<b>SiO2 (%)</b>	64.98	71.78	68.86	64.40	72.06	73.62	84.13	72.58
<b>Al_m</b>	0.30	0.30	0.29	0.31	0.29	0.31	0.15	0.28
<b>Ca_m</b>	0.03	0.01	0.05	0.08	0.01	0.00	0.02	0.01
<b>K_m</b>	0.08	0.06	0.08	0.03	0.03	0.09	0.01	0.02
<b>Na_m</b>	0.12	0.08	0.13	0.20	0.21	0.02	0.09	0.23
<b>K_Al</b>	0.26	0.22	0.28	0.09	0.11	0.30	0.07	0.06
<b>Na_Al</b>	0.38	0.28	0.45	0.65	0.74	0.07	0.57	0.81
<b>Plag</b>	0.49	0.33	0.62	0.91	0.78	0.08	0.68	0.84

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	301382	301392	301213	300349	301700	301480	301470
<b>North (NAD 27)</b>	4320657	4320668	4320578	4319678	4322170	4322200	4322150
<b>Classification</b>	Sericite-Albite	Plagioclase	Sericite	Albite-KSpar-Sericite	Plagioclase	Sericite-Albite	Plagioclase
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437262	H437263	H437264	H437265	H437285	H437286	H437287
<b>Lithology</b>	Bear border granite phase	McLeod QMD	Porphyry ??	Porphyry	Bear QM (NW Blue Hill)	Bear QM, shaft	Bear QM/border gran
<b>Ag (ppm)</b>	0.06	0.04	0.06	0.04	0.6	0.49	0.48
<b>Al (%)</b>	8.28	8.18	8.4	8.12	4.36	4.81	6.42
<b>As (ppm)</b>	12.9	11.1	5.9	35.7	17	1.2	23.2
<b>Ba (ppm)</b>	2200	690	890	2150	1410	460	630
<b>Be (ppm)</b>	1.99	3.19	1.23	2.11	1.9	1.06	2.24
<b>Bi (ppm)</b>	1.29	0.11	0.78	1.06	5.3	0.48	3.46
<b>Ca (%)</b>	0.62	4.83	0.24	0.35	4.27	0.28	5.31
<b>Cd (ppm)</b>	0.02	0.05	-0.02	0.05	0.04	0.08	0.04
<b>Ce (ppm)</b>	53.9	18.2	25.7	29.9	39.3	13.9	44.1
<b>Co (ppm)</b>	1.1	7.3	0.8	1.8	18.6	2.4	13.2
<b>Cr (ppm)</b>	11	13	47	45	34	9	19
<b>Cs (ppm)</b>	1.62	0.17	2.6	1.05	1.05	2.12	0.66
<b>Cu (ppm)</b>	118.5	32.9	45.6	127.5	6040	15950	5000
<b>Fe (%)</b>	4.05	2.34	2.57	2.32	13.1	1.56	6.78
<b>Ga (ppm)</b>	26.1	21.1	22.3	21.7	20.8	21.1	25.8
<b>Ge (ppm)</b>	0.13	0.12	0.1	0.09	0.19	0.07	0.13
<b>Hf (ppm)</b>	2.4	1.2	0.5	2.8	0.9	0.6	1
<b>In (ppm)</b>	0.056	0.077	0.052	0.044	0.388	0.055	0.371
<b>K (%)</b>	2.96	0.51	3.95	2.46	0.22	1.42	0.74
<b>La (ppm)</b>	25	8.6	12	15	19.3	6.4	19
<b>Li (ppm)</b>	7.3	2.3	7.4	4	12.5	7.2	12.7
<b>Mg (%)</b>	0.67	2.25	0.41	0.37	2.31	0.47	2.82
<b>Mn (ppm)</b>	70	1385	40	99	672	44	1625
<b>Mo (ppm)</b>	7.4	1.93	1.98	3.36	3.64	8.7	2.22
<b>Na (%)</b>	1.86	5.2	0.49	4.18	0.1	0.89	0.37
<b>Nb (ppm)</b>	1.2	0.6	2.4	3	3.9	2.6	4.7
<b>Ni (ppm)</b>	2.6	7.9	2.9	8.2	30.2	6	19.1
<b>P (ppm)</b>	1540	100	430	690	2210	640	6250
<b>Pb (ppm)</b>	7.1	11.1	7.3	8.4	5.8	2.7	8.3
<b>Rb (ppm)</b>	119	5.4	132.5	58.3	11.1	59.3	20.6
<b>Re (ppm)</b>	-0.002	0.002	-0.002	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.21	0.01	0.47	0.05	0.05	0.01	0.01
<b>Sb (ppm)</b>	2.02	10.05	2.23	1.5	6.16	5.81	11.85

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	301382	301392	301213	300349	301700	301480	301470
<b>North (NAD 27)</b>	4320657	4320668	4320578	4319678	4322170	4322200	4322150
<b>Classification</b>	Sericite-Albite	Plagioclase	Sericite	Albite-KSpar-Sericite	Plagioclase	Sericite-Albite	Plagioclase
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437262	H437263	H437264	H437265	H437285	H437286	H437287
<b>Lithology</b>	Bear border granite phase	McLeod QMD	Porphyry ??	Porphyry	Bear QM (NW Blue Hill)	Bear QM, shaft	Bear QM/border gran
<b>Sc (ppm)</b>	13.8	16.1	12.3	8.5	64.5	6.4	9.5
<b>Se (ppm)</b>	9	2	2	3	1	2	3
<b>Sn (ppm)</b>	1.3	0.8	0.5	0.9	1.1	2.5	1.1
<b>Sr (ppm)</b>	116	1515	149.5	388	994	114.5	1370
<b>Ta (ppm)</b>	0.08	0.06	0.16	0.21	0.28	0.2	0.35
<b>Te (ppm)</b>	0.66	0.05	0.56	0.66	1.72	0.2	0.73
<b>Th (ppm)</b>	7.6	1	4.3	9.1	54.7	9.5	27.2
<b>Ti (%)</b>	0.146	0.125	0.324	0.293	0.256	0.158	0.26
<b>Tl (ppm)</b>	1.07	0.12	0.96	0.58	0.04	0.23	0.1
<b>U (ppm)</b>	3.8	1	2.2	4.7	10.7	7.4	5
<b>V (ppm)</b>	182	58	132	87	272	81	209
<b>W (ppm)</b>	1.9	1.6	5	1.8	40.7	4.6	4.2
<b>Y (ppm)</b>	4	6	2.5	5	10.9	7.3	12.7
<b>Zn (ppm)</b>	12	67	7	16	23	8	46
<b>Zr (ppm)</b>	72.6	24.5	13.8	78.9	16.6	11.5	17.1
<b>Al2O3 (%)</b>	15.64	15.45	15.87	15.34	8.24	9.09	12.13
<b>CaO (%)</b>	0.87	6.76	0.34	0.49	5.97	0.39	7.43
<b>FeO (%)</b>	5.21	3.01	3.31	2.98	16.85	2.01	8.72
<b>K2O (%)</b>	3.57	0.61	4.76	2.96	0.27	1.71	0.89
<b>MgO (%)</b>	1.11	3.73	0.68	0.61	3.83	0.78	4.68
<b>Na2O (%)</b>	2.51	7.01	0.66	5.63	0.13	1.20	0.50
<b>P2O5 (%)</b>	0.35	0.02	0.10	0.16	0.51	0.15	1.43
<b>TiO2 (%)</b>	0.24	0.21	0.54	0.49	0.43	0.26	0.43
<b>SO3 (%)</b>	0.53	0.03	1.18	0.13	0.13	0.03	0.03
<b>Total (%)</b>	30.02	36.83	27.42	28.80	36.34	15.61	36.23
<b>SiO2 (%)</b>	67.88	60.59	70.66	69.19	61.11	83.30	61.23
<b>Al_m</b>	0.31	0.30	0.31	0.30	0.16	0.18	0.24
<b>Ca_m</b>	0.02	0.12	0.01	0.01	0.11	0.01	0.13
<b>K_m</b>	0.08	0.01	0.10	0.06	0.01	0.04	0.02
<b>Na_m</b>	0.08	0.23	0.02	0.18	0.00	0.04	0.02
<b>K_Al</b>	0.25	0.04	0.33	0.21	0.03	0.20	0.08
<b>Na_Al</b>	0.26	0.75	0.07	0.60	0.03	0.22	0.07
<b>Plag</b>	0.31	1.14	0.09	0.63	0.69	0.26	0.63

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	300833	300610	300809	300934
<b>North (NAD 27)</b>	4321369	4321384	4321229	4321219
<b>Classification</b>	Pyroph/Alun/Topaz	Sericite	Sericite	Sericite
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437301	H437302	H437303	H437304
<b>Lithology</b>	Artesia	Artesia	Artesia	Artesia
<b>Ag (ppm)</b>	-0.01	0.07	0.07	0.21
<b>Al (%)</b>	6.09	7.67	0.26	7.16
<b>As (ppm)</b>	6.7	5.5	3.7	2.8
<b>Ba (ppm)</b>	160	840	380	2450
<b>Be (ppm)</b>	0.15	0.73	0.68	0.39
<b>Bi (ppm)</b>	0.29	3.27	0.1	0.06
<b>Ca (%)</b>	0.07	0.18	0.1	0.08
<b>Cd (ppm)</b>	0.02	0.02	0.07	0.04
<b>Ce (ppm)</b>	37.6	40.5	9.28	20.8
<b>Co (ppm)</b>	0.1	0.2	0.7	0.3
<b>Cr (ppm)</b>	37	51	48	25
<b>Cs (ppm)</b>	0.25	1.36	0.13	0.78
<b>Cu (ppm)</b>	5.7	5.8	17.6	57.6
<b>Fe (%)</b>	0.21	1.44	0.67	0.34
<b>Ga (ppm)</b>	5.49	24.1	0.81	16.15
<b>Ge (ppm)</b>	0.09	0.11	0.06	0.07
<b>Hf (ppm)</b>	0.9	1	1.1	1.3
<b>In (ppm)</b>	0.007	0.156	0.005	0.021
<b>K (%)</b>	0.53	2.78	0.11	2.4
<b>La (ppm)</b>	17.6	18.8	3.8	10.5
<b>Li (ppm)</b>	0.5	4.2	1.5	1.7
<b>Mg (%)</b>	0.01	0.17	0.02	0.07
<b>Mn (ppm)</b>	8	9	83	19
<b>Mo (ppm)</b>	0.59	1.65	15.9	0.77
<b>Na (%)</b>	0.13	0.55	0.02	0.67
<b>Nb (ppm)</b>	1.9	2.1	1.5	2.4
<b>Ni (ppm)</b>	0.4	1.9	1.9	1.2
<b>P (ppm)</b>	920	480	190	280
<b>Pb (ppm)</b>	38.6	26.7	6.4	53.5
<b>Rb (ppm)</b>	18.4	80.2	3.7	65.3
<b>Re (ppm)</b>	-0.002	-0.002	-0.002	-0.002
<b>S (%)</b>	0.11	0.48	0.15	0.11
<b>Sb (ppm)</b>	10.4	4.18	1.64	3.23

Table G1. Rock major and trace element concentrations (ppm) by ICP-MS/AES (continued)

<b>East (NAD 27)</b>	300833	300610	300809	300934
<b>North (NAD 27)</b>	4321369	4321384	4321229	4321219
<b>Classification</b>	Pyroph/Alun/Topaz	Sericite	Sericite	Sericite
<b>Block</b>	Blue Hill	Blue Hill	Blue Hill	Blue Hill
<b>Sample#</b>	H437301	H437302	H437303	H437304
<b>Lithology</b>	Artesia	Artesia	Artesia	Artesia
<b>Sc (ppm)</b>	1.8	8.2	0.8	3.5
<b>Se (ppm)</b>	1	3	2	1
<b>Sn (ppm)</b>	1.6	6.9	1.6	1.3
<b>Sr (ppm)</b>	1535	409	87.5	290
<b>Ta (ppm)</b>	0.12	0.15	0.08	0.18
<b>Te (ppm)</b>	0.23	0.91	0.14	0.07
<b>Th (ppm)</b>	3	3.3	1.7	3.3
<b>Ti (%)</b>	0.268	0.255	0.182	0.222
<b>Tl (ppm)</b>	0.39	3.15	0.07	1.57
<b>U (ppm)</b>	0.7	1.5	2.3	1.3
<b>V (ppm)</b>	61	108	9	88
<b>W (ppm)</b>	1.7	1.1	1.4	0.6
<b>Y (ppm)</b>	1.8	2.3	2.2	2
<b>Zn (ppm)</b>	-2	-2	7	-2
<b>Zr (ppm)</b>	30.7	39.9	38.7	41.7
<b>Al<sub>2</sub>O<sub>3</sub> (%)</b>	11.50	14.49	0.49	13.53
<b>CaO (%)</b>	0.10	0.25	0.14	0.11
<b>FeO (%)</b>	0.27	1.85	0.86	0.44
<b>K<sub>2</sub>O (%)</b>	0.64	3.35	0.13	2.89
<b>MgO (%)</b>	0.02	0.28	0.03	0.12
<b>Na<sub>2</sub>O (%)</b>	0.18	0.74	0.03	0.90
<b>P<sub>2</sub>O<sub>5</sub> (%)</b>	0.21	0.11	0.04	0.06
<b>TiO<sub>2</sub> (%)</b>	0.45	0.43	0.30	0.37
<b>SO<sub>3</sub> (%)</b>	0.28	1.20	0.38	0.28
<b>Total (%)</b>	13.64	22.70	2.41	18.70
<b>SiO<sub>2</sub> (%)</b>	85.41	75.71	97.42	80.00
<b>Al_m</b>	0.23	0.28	0.01	0.27
<b>Ca_m</b>	0.00	0.00	0.00	0.00
<b>K_m</b>	0.01	0.07	0.00	0.06
<b>Na_m</b>	0.01	0.02	0.00	0.03
<b>K_Al</b>	0.06	0.25	0.29	0.23
<b>Na_Al</b>	0.03	0.08	0.09	0.11
<b>Plag</b>	0.03	0.10	0.35	0.12