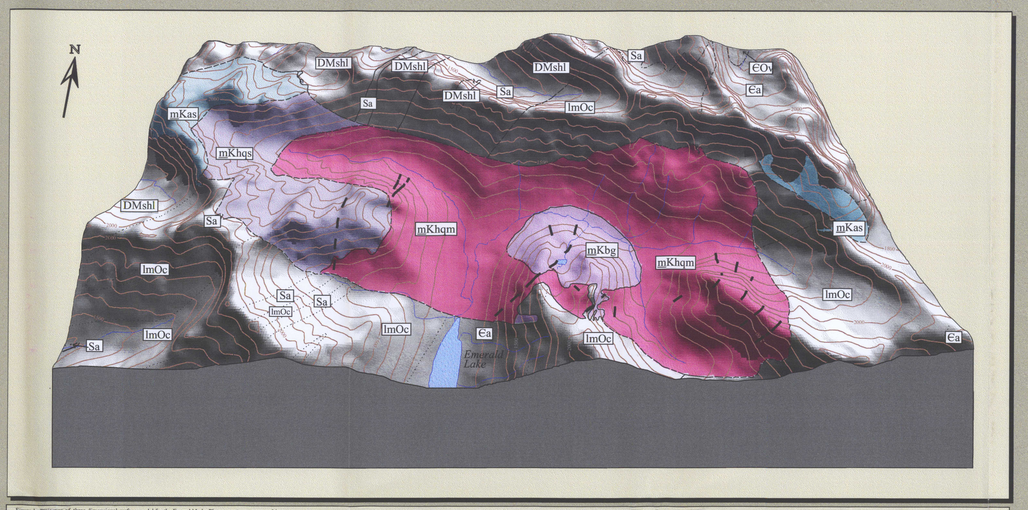

Figure 1. Projection of three-dimensional surface model for the Emerald Lake Pluton, contours measured in meters.

Figure 2. Shaded relief map for Emerald Lake Pluton depicting the occurrence and orientation of dykes and pegmatites, veins, primary joint set, faults, and miarolitic cavities in the Emerald Lake Pluton.

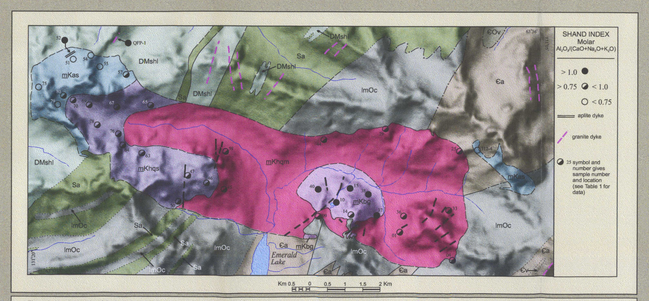

Figure 5. Shand Index (Carmichael, Turner, and Verhoogen, 1974) values for Emerald Lake Pluton.

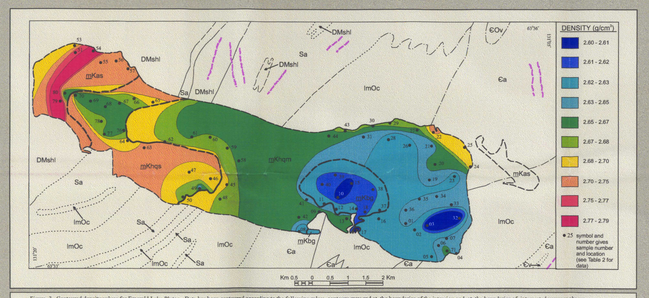

Figure 3. Contoured density values for Emerald Lake Pluton. Data has been contoured according to the following rules: contours may end at the boundaries of the intrusion and at the boundaries of interpreted younger phases.

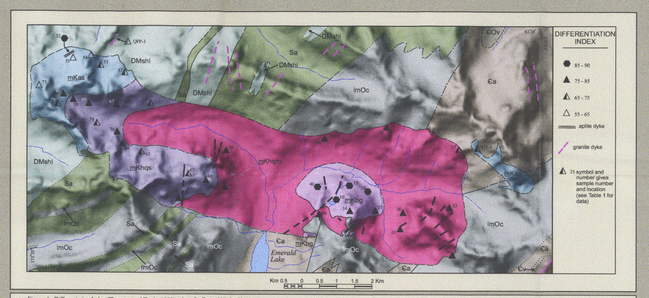

Figure 6. Differentiation Index (Thornton and Tuttle, 1960) values for Emerald Lake Pluton.

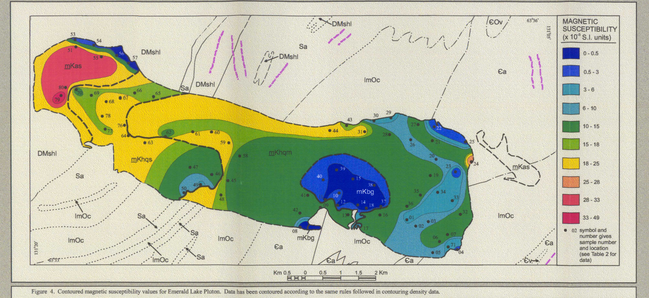

Figure 4. Contoured magnetic susceptibility values for Emerald Lake Pluton. Data has been contoured according to the same rules followed in contouring density data.

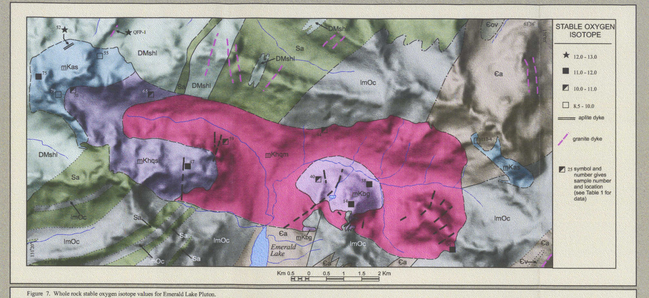

Figure 7. Whole rock stable oxygen isotope values for Emerald Lake Pluton.

Table 1. Geochemical and stable oxygen isotope data for Emerald Lake pluton.

Sample No.	UTM Easting (zone 8)	UTM Northing	Rock Unit	SiO2	TiO2	Al2O3	Fe2O3 (T)	FeO (T)	MnO	MgO	CaO	Na2O	K2O	P2O5	LOI	Total	Fe2O3 (T)/ FeO (T)	CO2	H2O+	Ba*	V	Cr	Co	Ni	Cu	Zn	Ga	Ge	As	Rb	Sr	Y	Zr	Nb	Mo	Ag	In	Sn	Sb	Cs	Ba	La	Ce	Pr	Nd	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu	Hf
51	365123	7055886	gSye	57.34	0.851	15.40	2.93	4.39	0.133	2.99	6.14	2.40	6.88	0.490	0.52	99.64	7.41	0.07	1	25	149*	-	-	-	39*	109*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2353*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
54	365851	7055411	gSye	55.67	0.998	15.61	3.05	4.58	0.148	3.72	7.16	2.08	6.13	0.461	0.28	99.58	7.36	0.07	<dl	15	161*	-	-	-	30*	130*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1687*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
55	365717	7053727	gSye	59.34	0.874	15.08	2.48	3.48	0.118	2.56	5.81	2.38	7.22	0.422	0.41	99.54	6.35	0.37	2.9	14	147	65	14.3	7	41	58	25	2	-	-	-	-	-	-	-	-	-	-	-	-	1632*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
57	365563	7053361	gSye	62.75	0.806	15.58	1.87	2.67	0.103	1.55	4.42	2.97	7.45	0.281	0.41	99.71	5.29	0.05	<dl	16	100*	-	-	-	43*	102*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1630*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
75	364560	7053358	gSye	57.73	0.784	15.77	1.27	4.61	0.132	3.07	5.03	2.88	6.57	0.428	0.35	99.72	6.62	0.15	1	17	149	36	33.0	21	23	67	20	2	<dl	3.02	872.2	23	248.9	23.1	1.6	<dl	<dl	3	0.4	17.9	152.3	80.2	140.1	13.11	51.2	9.6	2.50	8.5	1.1	4.6	0.8	2.2	0.26	1.6	0.27	6.0
80	364636	7053037	gSye	60.08	0.565	17.01	1.04	2.97	0.086	1.07	3.55	3.10	8.24	0.105	0.51	99.02	4.76	0.23	<dl	5	75	108	6.3	<dl	18	28	21	2	<dl	430.3	909.0	21	290.9	30.3	1.6	<dl	<dl	5	0.3	24.2	1164.8	67.8	116.8	10.49	43.4	7.8	1.90	7.0	1.0	4.0	0.7	2.0	0.24	1.6	0.29	10.3
112-4	364721	7051430	gSye	54.91	1.013	14.64	3.49	4.26	0.148	2.34	6.87	1.71	8.14	0.561	0.55	98.13	8.22	0.17	1	25	184	71	19.1	<dl	76	70	20	1	38	241.0	989.6	36	305.6	45.1	2.9	67	<dl	6	81.4	10.9	3005.6	105.1	212.8	20.64	82.5	17.9	3.90	13.1	1.9	7.8	1.3	3.2	0.35	2.3	0.36	10.3
46	368343	7055828	gSye	65.71	0.268	14.71	1.24	1.26	0.065	0.74	1.25	3.21	2.38	0.30	0.270	100.02	4.65	0.10	1	16	73*	-	-	-	33*	81*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1750*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
47	367737	7051020	gSye	66.45	0.273	14.67	1.43	1.21	0.132	1.39	3.37	2.28	2.28	0.27	0.60	99.65	4.88	<dl	1	<dl	80	96	28.4	6	13	35	21	2	32	358.9	740.4	34	277.2	26.8	1.8	<dl	<dl	4	1.0	20.1	1403.8	77.2	138.3	12.20	50.6	9.3	2.13	8.0	1.1	4.7	0.8	2.3	0.29	1.8	0.30	6.2
58	367563	7053366	gSye	66.00	0.591	14.91	1.16	1.48	0.067	1.18	3.34	3.32	2.30	0.248	0.24	99.75	5.02	<dl	1	<dl	91*	-	-	-	23*	77*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1670*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
63	366664	7055008	gSye	65.46	0.766	14.31	2.47	3.82	0.132	1.82	4.26	2.93	2.63	0.407	0.27	99.76	6.72	0.05	1	16	109*	-	-	-	42*	88*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1630*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
64	366301	7051832	gSye	65.83	0.577	14.87	1.74	3.03	0.083	1.24	3.41	2.26	2.45	0.250	0.43	99.56	5.11	0.27	<dl	<dl	91*	-	-	-	59*	87*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1670*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
65	366627	7052734	gSye	64.47	0.617	15.00	1.91	3.05	0.092	1.53	3.60	2.34	2.38	0.310	0.52	99.60	5.21	0.22	1	<dl	91	115	8.9	10	19	26	20	2	7	318.5	847.0	25	286.1	30.0	6.2	<dl	<dl	4	0.4	21.0	1593.8	69.5	134.7	12.39	52.4	9.5	3.49	8.1	1.1	4.9	0.8	2.4	0.31	1.9	0.32	9.2
87	368128	7052727	gSye	65.59	0.572	14.65	1.85	2.98	0.090	1.30	3.49	2.41	2.16	0.275	0.51	99.70	4.94	0.40	1	<dl	73	87*	-	-	22*	80*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1587*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
88	365446	7052814	gSye	65.30	0.512	14.92	1.77	2.56	0.087	1.07	3.02	2.08	2.68	0.191	0.64	99.89	4.44	0.37	1	13	70*	-	-	-	29*	64*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1567*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
76	365071	7052977	gSye	69.20	0.494	14.61	1.06	2.07	0.077	0.85	2.93	2.58	2.65	0.201	0.54	99.65	4.48	<dl	1	<dl	53	108	4.3	<dl	18	28	21	2	<dl	430.3	909.0	21	290.9	30.3	1.6	<dl	<dl	5	0.3	24.2	1164.8	67.8	116.8	10.49	43.4	7.8	1.90	7.0	1.0	4.0	0.7	2.0	0.24	1.6	0.29	10.3
78	366209	7052581	gSye	65.37	0.580	14.75	2.06	2.69	0.084	1.23	3.39	2.44	2.28	0.256	0.38	99.72	5.05	0.27	<dl	15	80*	-	-	-	30*	88*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1577*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
79	365869	7052377	gSye	66.21	0.560	14.55	1.65	2.13	0.067	1.00	3.00	2.53	2.61	0.241	0.51	99.84	3.72	0.17	1	11	91*	-	-	-	11*	77*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1537*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
81	363871	7049583	gSye	66.03	0.298	15.24	0.61	2.43	0.058	0.71	2.57	2.92	3.04	0.141	0.49	99.61	3.31	0.67	<dl	<dl	40*	-	-	-	32*	88*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1687*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
84	364050	7048817	gSye	67.17	0.439	14.90	0.73	2.33	0.049	0.68	3.00	2.51	2.61	0.194	0.50	99.69	3.50	0.38	<dl	<dl	71	<dl10	54.8	<dl	6	34	21	2	<dl	382.0	678.6	19	216.5	21.3	0.8	<dl	<dl	4	0.6	17.7	1129.3	59.3	104.7	9.32	38.6	6.9	1.78	6.2	0.8	3.5	0.6	1.8	0.22	1.6	0.27	7.2
90	360629	7049008	gSye	68.28	0.383	14.73	1.45	2.05	0.058	1.05	3.25	2.57	2.57	0.15	0.240	0.56	99.75	4.75	0.22	1	<dl	91*	-	-	-	58*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1659*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25	364339	7051366	gPorp	64.00	0.687	14.98	0.68	4.68	0.122	1.44	3.71	2.32	6.53	0.301	0.29	99.72	5.84	0.12	<dl	12	103*	-	-	-	19*	67*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1587*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
29	362879	7052048	gPorp	65.82	0.526	14.87	1.17	3.21	0.107	1.20	3.09	2.40	6.78	0.239	0.33	99.74	4.74	<dl	1	21	80*	-	-	-	30*	89*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1526*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
33	363878	7050202	gPorp	66.84	0.541	14.61	0.54	2.27	0.081	0.87	2.97	2.67	5.85	0.133	0.60	99.61	3.07	0.05	<dl	<dl	47*	-	-	-	21*	58*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1537*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
36	363682	7049904	gAplite	67.60	0.371	15.31	1.23	2.01	0.074	0.93	2.68	2.60	4.49	0.135	0.56	99.84	3.46	0.30	<dl	<dl	40*	-	-	-	9*	72*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1302*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
44	361117	7051752	gPorp	67.31	0.401	14.61	1.03	2.38	0.090	0.93	2.84	2.48	5.41	0.204	0.30	99.55	4.16	0.15	<dl	<dl	70	121	6.6	6	9	50	21	1	<dl	387.5	673.3	21	231.3	25.0	1.0	<dl	<dl	7	0.5	21.7	1003.3	79.0	132.7	11.26	45.0	8.1	1.69	7.1	1.0	4.0	0.7	2.0	0.25	1.6	0.30	6.2
45	360805	7052668	gPorp	66.14	0.508	14.56	1.35	2.93	0.095	1.00	3.02	2.28	6.23	0.265	0.45	99.66	4.60	0.12	1	<dl	42*	-	-	-	10*	54*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1537*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50	360860	7051573	gPorp	65.74	0.497	15.15	1.64	2.83	0.093	1.24	3.25	2.46	6.75	0.230	0.38	99.79	4.58	0.08	1	<dl	75	135	6.8	6	8	44	21	2.5	<dl	364.8	777.8	22	243.0	23.4	1.0	<dl	<dl	5	0.4	18.6	1312.7	72.0	127.5	11.41	46.8	8.4	2.07	7.3	1.1	4.3	0.7	2.1	0.26	1.7	0.29	6.2
14	361918	7050276	gPorp	70.38	0.282	15.03	0.45	1.85	0.039	0.48	1.91	2.58	5.61	0.061	0.36	99.03	2.30	0.30	<dl	<dl	29*	-	-	-	14*	52*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1587*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	361711	7049873	gPorp	69.22	0.314	14.84	0.45	2.10	0.041	0.50	2.21	3.03	5.56	0.124	0.26	98.84	2.79	0.62	<dl	<dl	35	122	3.2	<dl	16	52	21	1	<dl	347.3	478.3	16	190.0	18.8	1.0	<dl	<dl	5	0.4	53.2	847.1	56.0	96.3	8.05	32.0	5.5	1.36	5.2	0.7	2.8	0.5	1.5	0.18	1.3	0.23	4.8
17	361917	7050601	gPorp	72.05	0.174	14.18	0.05	1.13	0.039	0.21	1.45	2.78	5.74	0.018	0.58	98.84	1.81	0.62	<dl	<dl	18*	-	-	-	11*	48*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1637*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
37	362262	7049928	gPorp	69.38	0.288	15.03	0.38	2.08	0.067	0.61	2.68	2.61	5.68	0.104	0.41	99.75	3.71	0.65	1	<dl	27*	-	-	-	30*	80*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1587*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38	362521	7050436	gPorp	72.19	0.179	14.30	0.25	1.34	0.032	0.21	1.31	3.13	5.07	0.060	1.48	99.75	1.74	0.78	1	<dl	16	161	3.2	75	13	13	19	2	<dl	321.8	307.5	14	121.8	18.0	2.6	<dl	<dl	7	0.3	20.4	447.2	38.0	67.7	5.95	23.4	4.4	0.81	3.9	0.6	2.8	0.5	1.3	0.18	1.1	0.20	5.1
40	365851	7050005	gPorp	69.76	0.271	15.21	0.216	1.64	0.061	0.31	2.01	3.31	5.82	0.065	1.21	99.74	2.21	0.67	1	<dl	18	124	2.6	<dl	10	14	19	2	<dl	315.4	288.5	11	104.8	18.1	1.1	<dl	<dl	6	0.2	18.4	398.5	31.1	58.4	5.14	19.8	3.8	0.69	3.2	0.5	2.1	0.3	1.0	0.15	0.9	0.18	5.8
52	365122	7054118	Aplite	63.38	0.272	7.13	0.65	2.11	0.018	1.14	0.96	1.16	2.33	0.067	1.08	99.73	3.00	0.10	1	<dl	64	252	6.5	12	88	42	11	<dl	88	135.4	131.8	14	48.8	3.2	2.2	<dl	<dl	7	0.2	15.7	109.4	16.4	30.3	3.11	12.7	2.6	0.52	2.4	0.3	2.4	0.3	1.2	0.22	1.4	0.22	1.3
QFP-1	366026	7054264	Granite	64.08	0.745	16.70	1.34	2.72	0.108	1.82	5.16	3.11	2.88	0.133	1.41	99.73	4.36	0.80	<dl	13	84	102	8.3	<dl	10	41	21	1	110	130.9	381.9	21	177.4	12.1	0.8	<dl	<dl	7	0.5	9.4	1023.4	43.2	79.6	7.36	30.7	5.7	1.48	5.0	0.8	3.8	0.7	2.1	0.26	1.8	0.33	4.0

NOTES:
Major element data (Wt%), and trace elements (ppm) denoted with an * were analyzed at McGill Geochemical Laboratories using a PW2400 spectrometer (XRF) on fused disks. Ferrous/ferric iron was determined by titration. The remainder of trace elements were analyzed using ICP-MS on totally digested samples at Actlabs. Oxygen isotopes were analyzed on whole rock samples at the University of Georgia.
<dl - below detection limit.
Alkali Feldspar Index = Or/(Or+Ab+An) x 10; P-peraluminous (Shand Index >1). D.I. = Differentiation Index; defined as the sum of weight % normative quartz, orthoclase, albite, nepheline, kaliophilite, and leucite. Shand Index = Molar Al_2O_3 / ($CaO + Na_2O + K_2O$).
Felsic Index = Weight % $(Na_2O + K_2O)$ / $(CaO + Na_2O + K_2O)$.

Table 1. Cont'd.

Sample No.	UTM Easting (zone 8)	UTM Northing	Rock Unit	Pb	Bi	Th	U	O18 Isotope (‰SMOW)	Normative Corrnd.	D.I.	Shand Index	Felsic Index
51	365123	7055886	gSye	-	-	-	-	-	M	85.32	0.69	0.80
54	365851	7055411	gSye	-	-	-	-	-	M	85.26	0.68	0.84
55	365717	7053727	gSye	37	0.2	25.73	8.14	8.7	M	87.23	0.71	0.83
57	365563	7053361	gSye	-	-	-	-	-	M	71.26	0.79	0.67
75	364560	7053358	gSye	38	0.3	31.08	7.72	11.3	M	85.44	0.70	0.81
79	364723.00	7052636.0	gSye	46	0.4	58.50	17.37	9.0	M	88.73	0.67	0.82
80	364636.00	7053037.0	gSye	-	-	-	-	-	M	78.74	0.82	0.78
112-4	364721.00	7051430.0	gSye	658	0.3	33.40	8.47	8.7	M	85.78	0.59	0.82
46	368343.00	7055828.0	gPorp	-	-	-	-	-	M	75.65	0.66	0.72
47	367737.00	7051020.0	gPorp	25	<dl	35.40	11.34	11.4	M	74.96	0.67	0.72
58	367563.00	7053366.0	gPorp	-	-	-	-	-	M	79.73	0.59	0.72
63	366664.00	7055008.0	gPorp	-	-	-	-	-	M	72.06	0.76	0.68
64	366301.00	7051832.0	gPorp	-	-	-	-	-	M	76.35	0.66	0.72
65	366627.00	7052734.0	gPorp	26	<dl	29.17	10.29	10.4	M	73.80	0.65	0.70
87	368128.00	7052727.0	gPorp	-	-	-	-	-	M	76.27	0.66	0.71
88	365446.00	7052814.0	gPorp	-	-	-	-	-	M	79.83	0.67	0.76
76	365071.00	7052977.0	gPorp	29	<dl	35.47	14.15	10.6	M	77.30	0.65	0.76
78	366209.00	7052581.0	gPorp	-	-	-	-	-	M	76.94	0.67	0.72
79	365869.00	7052377.0	gPorp	-	-	-	-	-	M	74.27	0.62	0.70
81	363871.00	7049583.0	gPorp	-	-	-	-	-	M	81.83	0.68	0.77
84	364050.00	7048817.0	gPorp	26	0.6	33.91	6.10	11.2	M	79.92	0.69	0.75
69	360629.00	7049008.0	gPorp	-	-	-	-	-	M	76.91	0.66	0.75
25	364339.00	7051366.0	gPorp	-	-	-	-	-	M	72.66	0.66	0.71
29	362879.00	7052048.0	gPorp	-	-	-	-	-	M	77.47	0.68	0.75
33	363878.00	7050202.0	gPorp	-	-	-	-	-	M	81.71	0.67	0.76
36	363682.00	7049904.0	gPorp	-	-	-	-	-	M	82.03	0.66	0.79
44	361117.00	7051752.0	gPorp	41	0.4	41.87	7.64	10.8	M	80.39	0.66	0.78
45	360805.00	7052668.0	gPorp	-	-	-	-	-	M	75.79	0.65	0.71
50	360860.00	7051573.0	gPorp	25	<dl	35.32	8.25	10.8	M	78.12	0.68	0.74
14	361918.00	7050276.0	gPorp	-	-	-	-	-	P	85.61	0.68	0.88
14	361711.00	7049873.0	gPorp	19	0.4	33.95	11.25	11.6	M	84.17	0.68	0.79
15	361917.00	7050601.0	gPorp	-	-	-	-	-	P	90.21	1.04	0.85
37	362262.00	7049928.0	gPorp	-	-	-	-	-	P	84.62	1.00	0.80
38	362521.00	7050436.0	gPorp	36	0.6	23.68	16.38	11.7	P	88.74	1.07	0.84
40	365851.00	7050005.0	gPorp	19	<dl	32.27	10.8	10.8	P	87.16	1.08	0.84
52	365122.00	7054118.0	Aplite	34	<dl	5.45	3.55	14.6	P	88.03	1.39	0.81
QFP-1	366026.00	7054264.0	Granite	12	<dl	14.31	3.07	13.0	P	63.84	1.04	0.49
QFP-1	366026.00	7054264.0	Granite	10	<dl	14.31	3.07	13.0	P	63.84	1.04	0.48

Table 2. Physical property data for Emerald Lake Pluton

Sample No.	UTM Easting (zone 8)	UTM Northing	Rock Type	Density (g/cm³)	Magnetic Susceptibility (x0.001 S.I)
51	365123	7055886	gSye	2.70	29.45
53	365108	7054156	gSye	2.698	1.26
54	365851	7055411	gSye	2.771	0.64
55	365717	7053727	gSye	2.717	31.02
56	366088	7053754	gSye	2.713	0.41
57	365563	7053361	gSye	2.707	0.33
79	364723	7052636	gSye	2.797	48.58
80	364636	7053037	gSye	2.688	23.07
46	368343	7055828	gPorp	2.684	11.64
47	367737	7051020	gPorp	2.692	11.45
48	368448	7050534	gPorp	2.679	17.63
49	367868	7050594	gPorp	2.656	5.42
58	367563	7053366	gPorp	2.677	8.71
63	366664	7055008	gPorp	2.717	22.48
64	366301	7051832	gPorp	2.692	20.87
65	366627	7052734	gPorp	2.695	17.48
66	366483	7052837	gPorp	2.679	10.65
67	368128	7052727	gPorp	2.688	19.78
68	365784	7052664	gPorp	2.692	16.38
69	365446	7052814	gPorp	2.656	15.24
70	365071	7052977	gPorp	2.664	14.66
71	365059	7053081	gPorp	2.689	21.10
72	365748	7052002	gPorp	2.689	16.58
76	366209	7052577	gPorp	2.681	19.78
77	365869	7052377	gPorp	2.682	19.78
78	364723	7052636	gPorp	2.686	19.78
81	363871	7049583	gPorp	2.636	4.66
82	363580	7049424	gPorp	2.628	9.36
83	363384	7049514	gPorp	2.656	7.01
84	364050	7048817	gPorp	2.647	0.36
85	365474	7048779	gPorp	2.624	6.47
86	363840	7049029	gPorp	2.639	14.07
87	363805	7049183	gPorp	2.629	10.22
88	365343	7049479	gPorp	2.624	0.33
89	365829	7049938	gPorp	2.666	14.11
13	361467	7049743	gPorp	2.665	11.60
16	362730	7048716	gPorp	2.625	11.21
19	363475	7050808	gPorp	2.643	10.89
20	363827	7051022	gPorp	2.654	6.17
21	363550	7051452	gPorp	2.635	11.03
22	363609	7051756	gPorp	2.701	0.46
23	364073	7050693	gPorp	2.638	2.31
24	364461	7050910	gPorp	2.688	36.27
25	364339	7051366	gPorp	2.691	0.19
26	363930	7051494	gPorp	2.624	6.88
27	363200	7051664	gPorp	2.687	12.76

Sample No.	UTM Easting (zone 8)	UTM Northing	Rock Unit	Density (g/cm³)	Magnetic Susceptibility (x0.001 S.I)
28	362632	7051643	gPorp	2.692	14.08
29	362879	7052048	gPorp	2.673	3.54
30	362148	7051689	gPorp	2.671	4.38
31	361934	7051728	gPorp	2.649	20.32
32	364184	7048845	gPorp	2.656	12.66
33	363878	7050202	gPorp	2.643	4.83
34	363651	7050173	gPorp	2.