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Constraints on the magmatic evolution of the Lower Main Zone and Platreef on the northern limb of the Bushveld Complex as inferred from the Moordkopje drill core

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2010-12-02
http://hdl.handle.net/10539/8903

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APPENDIX D: Mineral chemistry of plagioclases as determined by wavelength dispersive X-Ray spectrometry. Numbers reported are the averages of the total number of analyses performed per sample (n).

Depth (m)	*Rock type*	*SiO_2*	*Al_2O_3*	*FeO*	*CaO*	*Na_2O*	*K_2O*	*Total*	*An% (min)*	*An% (max)*	*An% (ave)*	*An% (SD)*	*n*
1901	Gabbronorite	50.33	31.46	0.39	14.24	3.07	0.20	99.69	65.1	73.7	71.1	2.5	9
1910.2	Leucogabbronorite	51.00	30.44	0.38	13.56	3.44	0.22	99.04	65.0	71.1	67.7	2.1	8
1919.31	Gabbronorite	50.63	30.67	0.35	13.92	3.21	0.20	98.98	66.8	72.9	69.8	2.4	9
1928.26	Leucogabbronorite	50.67	30.72	0.33	13.60	3.34	0.20	98.86	66.7	69.7	68.5	1.2	6
1937.28	Gabbronorite	51.20	30.45	0.35	13.45	3.44	0.21	99.10	65.3	70.6	67.6	1.8	8
1946.18	Gabbronorite	50.49	30.56	0.37	13.83	3.24	0.21	98.70	67.4	71.7	69.4	1.5	8
1955.03	Gabbronorite	50.71	30.79	0.36	14.02	3.24	0.20	99.32	67.1	73.5	69.7	2.9	6
1963.72	Leucogabbronorite	50.39	30.40	0.40	14.36	3.17	0.19	98.91	66.9	74.8	70.7	2.8	9
1970.02	Leucogabbronorite	50.02	30.98	0.43	14.48	3.03	0.16	99.10	68.7	73.9	71.9	1.7	9
1973.29	Leucogabbro	49.80	31.34	0.42	14.46	2.97	0.12	99.11	68.9	73.8	72.4	2.0	5
1974.7	Leucogabbronorite	50.89	30.70	0.41	13.82	3.25	0.19	99.26	66.1	71.4	69.4	1.8	9
1980.66	Anorthosite	50.50	30.98	0.37	14.41	3.11	0.14	99.51	68.3	74.2	71.4	2.0	8
1981.52	Gabbronorite	50.03	31.46	0.34	14.41	3.08	0.22	99.54	68.9	73.5	71.2	1.5	9
1984.4	Leucogabbronorite	49.44	31.50	0.32	15.15	2.97	0.16	99.54	69.0	76.2	73.1	2.4	8

Depth (m)	*Rock type*	*SiO_2*	*Al_2O_3*	*FeO*	*CaO*	*Na_2O*	*K_2O*	*Total*	*An% (min)*	*An% (max)*	*An% (ave)*	*An% (SD)*	*n*
1986.11	Leucogabbronorite	49.51	31.47	0.36	14.87	2.99	0.25	99.45	69.0	76.3	72.3	2.5	9
1997.51	Quartz melagabbonorite	51.15	31.07	0.35	13.92	3.66	0.20	100.35	62.4	75.1	67.0	3.1	12
2001	Leucogabbro	49.38	31.24	0.41	15.06	3.06	0.18	99.33	67.9	76.2	72.4	2.4	14
2010.98	Leucogabbro	50.10	30.75	0.38	15.11	3.32	0.20	99.86	67.4	75.8	70.8	3.9	4
2017	Gabbronorite	50.42	30.88	0.36	15.15	3.29	0.21	100.31	68.0	73.0	71.0	1.9	10
2025.7	Gabbronorite	50.49	30.42	0.30	14.50	3.60	0.20	99.51	67.1	69.4	68.3	0.8	5
2036.61	Gabbronorite	49.18	31.39	0.33	15.49	3.07	0.20	99.66	72.1	73.5	72.8	0.6	4
2045.34	Gabbronorite	50.57	30.92	0.38	15.16	3.28	0.22	100.53	68.2	73.7	71.0	2.2	9
2054.56	Leucogabbronorite	49.99	30.76	0.36	14.96	3.25	0.21	99.53	68.3	74.9	71.0	2.5	9
2063.66	Leucogabbronorite	49.76	30.54	0.37	15.07	3.24	0.20	99.18	68.8	74.1	71.2	2.1	9
2069.82	Leucogabbronorite	49.78	31.83	0.41	14.74	3.22	0.19	100.17	66.7	74.0	70.9	1.9	11
2072.36	Leucogabbro	49.10	32.15	0.39	15.31	2.97	0.16	100.08	68.9	75.2	73.4	2.1	7
2081.35	Leucogabbronorite	49.46	32.21	0.35	14.92	2.93	0.39	100.26	62.8	75.5	72.2	3.4	11
2088.68	Gabbronorite	49.83	31.45	0.37	14.32	3.35	0.22	99.54	67.1	73.7	69.4	2.2	11
2097.43	Leucogabbronorite	49.22	32.20	0.33	15.07	3.06	0.18	100.06	67.6	74.5	72.4	2.1	11
2108.08	Leucogabbronorite	49.57	31.79	0.36	14.58	3.21	0.17	99.68	68.2	72.9	70.8	1.8	11

Depth (m)	*Rock type*	*SiO_2*	*Al_2O_3*	*FeO*	*CaO*	*Na_2O*	*K_2O*	*Total*	*An% (min)*	*An% (max)*	*An% (ave)*	*An% (SD)*	*n*
2115.7	Leucogabbronorite	51.82	30.84	0.33	13.84	3.15	0.17	100.15	68.4	75.1	71.2	1.9	9
2124.28	Leucogabbronorite	51.86	30.51	0.40	13.68	3.13	0.13	99.71	67.7	72.9	70.2	2.2	9
2132.75	Leucogabbronorite	51.32	30.53	0.36	13.75	3.08	0.18	99.22	67.2	72.9	70.4	1.8	9
2141.45	Leucogabbronorite	51.56	30.38	0.36	13.57	3.18	0.15	99.20	67.0	71.7	69.6	1.7	9
2150.15	Leucogabbronorite	51.27	30.55	0.38	13.88	3.03	0.15	99.26	69.7	72.9	71.1	1.1	8
2160.3	Anorthosite	51.42	30.84	0.36	13.89	3.05	0.16	99.72	69.6	72.1	70.9	0.9	9
2169	Leucogabbronorite	52.01	30.37	0.35	13.42	3.29	0.21	99.65	65.4	70.2	68.4	1.7	8
2173.93	Anorthosite	51.72	30.47	0.38	13.56	3.17	0.18	99.48	66.1	74.0	69.5	2.8	9
2181.13	Leucogabbronorite	51.22	30.86	0.40	13.97	2.98	0.16	99.59	68.9	73.1	71.5	1.4	9
2186.21	Gabbronorite	51.47	30.97	0.36	14.04	2.92	0.14	99.90	67.5	74.6	72.0	2.6	9
2194.61	Leucogabbronorite	52.34	30.27	0.40	13.26	3.34	0.21	99.82	64.7	72.5	67.9	2.7	8
2203.56	Leucogabbronorite	52.40	30.54	0.39	13.32	3.36	0.16	100.17	64.5	72.8	68.0	3.0	9
2212.63	Gabbronorite	52.22	30.63	0.36	13.52	3.21	0.20	100.14	65.7	72.2	69.2	2.0	8
2221.35	Gabbronorite	51.70	30.77	0.35	13.67	3.10	0.15	99.74	66.4	73.7	70.3	2.8	9
2230.33	Leucogabbronorite	51.75	30.40	0.36	13.41	3.19	0.17	99.28	66.1	72.4	69.2	2.6	9
2239.28	Leucogabbronorite	51.81	30.51	0.23	13.47	3.25	0.52	99.79	64.6	70.7	67.5	2.2	8

Depth (m)	*Rock type*	*SiO_2*	*Al_2O_3*	*FeO*	*CaO*	*Na_2O*	*K_2O*	*Total*	*An% (min)*	*An% (max)*	*An% (ave)*	*An% (SD)*	*n*
2247.76	Anorthosite	50.80	30.89	0.28	14.17	2.85	0.55	99.54	68.7	73.0	71.0	1.6	9
2256.51	Gabbronorite	51.59	31.04	0.25	13.86	3.05	0.69	100.48	66.4	71.0	68.7	1.5	9
2265.21	Anorthosite	51.23	31.26	0.34	14.24	2.84	0.15	100.06	69.8	75.1	72.8	2.2	9
2272.78	Anorthosite	51.22	31.42	0.31	14.22	2.84	0.11	100.12	68.5	75.3	73.0	2.0	9
2279.98	Gabbronorite	50.40	31.76	0.24	14.59	2.60	0.15	99.74	69.8	78.0	75.0	2.5	9
2281.53	Anorthosite	50.95	31.09	0.32	14.02	2.87	0.16	99.41	64.7	77.3	72.3	3.8	9
2282.88	Leucogabbronorite	51.19	31.24	0.23	13.94	3.03	0.14	99.77	68.6	74.1	71.2	2.1	7
2290.5	Leucogabbro	51.82	30.76	0.29	13.45	3.23	0.15	99.70	64.1	76.6	69.1	4.6	9
2300.65	Leucogabbronorite	51.30	30.95	0.23	13.89	3.05	0.17	99.59	66.1	75.8	70.9	3.5	8
2308.16	Leucogabbronorite	50.93	31.20	0.23	14.12	2.92	0.14	99.54	69.7	75.3	72.2	2.0	6
2317.2	Leucogabbronorite	52.11	30.14	0.23	13.12	3.38	0.18	99.16	65.2	71.8	67.5	2.5	7
2330.7	Leucogabbronorite	50.65	31.01	0.24	14.18	2.78	0.17	99.03	70.5	76.4	73.1	1.8	8
2342.62	Leucogabbronorite	51.74	30.36	0.21	13.23	3.25	0.17	98.96	64.7	73.4	68.6	3.6	6
2355.7	Gabbronorite	51.56	30.42	0.26	13.49	3.12	0.21	99.06	68.6	71.3	69.6	1.1	7
2365.39	Gabbronorite	51.94	30.53	0.24	13.43	3.20	0.22	99.56	68.0	70.7	69.0	1.2	4
2382.1	Gabbronorite	51.42	30.68	0.24	13.63	3.04	0.17	99.18	68.3	71.8	70.6	1.3	6

Depth (m)	*Rock type*	*SiO_2*	*Al_2O_3*	*FeO*	*CaO*	*Na_2O*	*K_2O*	*Total*	*An% (min)*	*An% (max)*	*An% (ave)*	*An% (SD)*	*n*
2394.7	Melagabbronorite	50.72	31.55	0.22	14.48	2.65	0.13	99.75	73.2	76.6	74.5	1.5	4
2399.5	Gabbronorite	51.98	30.46	0.23	13.42	3.25	0.19	99.53	66.1	75.0	68.7	3.3	7
2408.2	Gabbronorite	51.02	31.16	0.22	14.15	2.88	0.15	99.58	65.4	76.1	72.4	4.2	8
2417.7	Leuconorite	50.64	31.50	0.25	14.38	2.77	0.12	99.66	69.9	75.6	73.7	2.0	8
2425.7	Leucogabbronorite	50.56	31.79	0.23	14.64	2.59	0.13	99.94	71.6	77.2	75.2	2.1	8
2432.89	Leucogabbronorite	50.77	31.65	0.23	14.48	2.72	0.09	99.94	71.3	76.4	74.2	2.1	6
2442.6	Leucogabbronorite	50.49	31.56	0.22	14.49	2.69	0.13	99.58	72.3	75.8	74.2	1.5	7
2450.1	Leucogabbronorite	50.17	31.60	0.27	14.61	2.59	0.11	99.35	73.5	76.6	75.2	1.0	8
2451.3	Gabbronorite	50.78	31.58	0.22	14.49	2.74	0.14	99.95	72.0	75.1	73.9	1.0	9
2461.88	Leuconorite	50.58	31.39	0.25	14.38	2.71	0.13	99.44	69.9	75.7	74.1	1.8	9
2477.74	Leucogabbronorite	51.55	30.61	0.26	13.56	3.14	0.16	99.28	64.9	76.4	69.8	4.8	7
2488.98	Leucogabbronorite	50.67	31.39	0.31	14.44	2.71	0.10	99.62	70.5	76.7	74.2	2.3	8
2495.88	Leucogabbronorite	51.03	31.24	0.28	14.18	2.86	0.14	99.73	67.3	75.3	72.7	2.9	9
2505.28	Gabbronorite	50.99	31.28	0.24	14.16	2.91	0.11	99.69	68.0	74.7	72.4	2.7	8
2508.78	Anorthosite	50.51	31.81	0.28	14.76	2.56	0.13	100.05	72.9	77.8	75.5	1.5	8
2516.2	Leucogabbronorite	51.05	31.46	0.24	14.30	2.82	0.13	100.00	70.1	75.9	73.2	2.2	7

Depth (m)	*Rock type*	*SiO_2*	*Al_2O_3*	*FeO*	*CaO*	*Na_2O*	*K_2O*	*Total*	*An% (min)*	*An% (max)*	*An% (ave)*	*An% (SD)*	*n*
2527.7	Gabbronorite	50.75	31.80	0.22	14.51	2.72	0.10	100.10	71.6	76.8	74.2	2.1	7
2536.7	Leucogabbronorite	50.91	31.62	0.25	14.42	2.74	0.12	100.06	69.8	76.1	73.9	2.5	8
2547.94	Leucogabbronorite	50.54	31.30	0.24	14.47	2.67	0.15	99.37	71.0	76.6	74.3	2.0	9
2555.52	Leucogabbronorite	51.71	30.77	0.23	13.74	3.17	0.19	99.81	68.4	72.5	69.8	1.5	9
2577.02	Leuconorite	50.64	31.81	0.22	14.69	2.63	0.15	100.14	70.6	77.9	74.9	2.0	9
2582.48	Leucogabbronorite	50.73	31.63	0.27	14.53	2.69	0.10	99.95	68.0	77.0	74.5	3.0	9
2591.7	Leucogabbronorite	51.16	31.35	0.24	14.28	2.82	0.14	99.99	70.0	75.5	73.1	2.3	6
2600.7	Leucogabbronorite	50.28	32.13	0.23	14.95	2.45	0.10	100.14	75.2	78.2	76.7	1.1	8
2609.7	Leucogabbronorite	50.53	31.51	0.27	14.53	2.69	0.12	99.65	70.2	77.7	74.4	2.6	8
2616.66	Leucogabbro	50.52	31.49	0.27	14.41	2.66	0.21	99.56	69.1	78.0	74.0	3.0	8
2625.7	Leucogabbronorite	50.36	31.62	0.25	14.70	2.65	0.11	99.69	71.8	77.1	74.9	1.9	8
2634.7	Leucogabbronorite	50.70	31.51	0.24	14.44	2.74	0.14	99.77	71.1	76.3	73.9	1.8	8
2643.7	Leucogabbro	50.88	31.87	0.25	14.69	2.65	0.08	100.42	70.1	77.7	75.0	2.9	6
2651.7	Leucogabbro	50.55	31.30	0.23	14.31	2.76	0.08	99.23	70.4	76.9	73.8	2.7	7
2653.7	Gabbroid	68.67	19.87	<0.05	0.77	10.87	0.12	100.30	3.8	3.8	3.8		1
2662.7	Leuconorite	50.71	31.47	0.20	14.50	2.78	0.11	99.77	70.1	77.6	73.8	2.2	9

Depth (m)	*Rock type*	*SiO_2*	*Al_2O_3*	*FeO*	*CaO*	*Na_2O*	*K_2O*	*Total*	*An% (min)*	*An% (max)*	*An% (ave)*	*An% (SD)*	*n*
2671.7	Anorthosite	51.58	30.72	0.25	13.70	3.12	0.17	99.54	68.5	74.0	70.1	1.7	8
2687.61	Leucogabbronorite	50.70	31.54	0.23	14.44	2.74	0.13	99.78	65.9	78.9	73.9	3.9	9
2696.44	Leucogabbronorite	51.50	31.03	0.28	13.88	3.05	0.20	99.94	68.4	73.1	70.7	1.9	6
2708.34	Leucogabbronorite	51.87	30.86	0.23	13.68	3.12	0.16	99.92	67.7	74.7	70.1	2.1	8
2714.44	Leucogabbro	51.17	31.14	0.27	14.12	2.88	0.15	99.73	67.3	75.8	72.4	3.4	8
2731.7	Leucogabbro	51.38	31.17	0.22	14.00	2.85	0.27	99.89	67.9	75.9	71.9	3.4	7
2740.7	Leucogabbronorite	50.74	31.63	0.25	14.43	2.72	0.14	99.91	72.5	75.3	74.0	1.2	7
2749.7	Leucogabbronorite	50.94	31.59	0.24	14.36	2.79	0.13	100.05	68.2	77.0	73.4	3.0	9
2755.7	Leucogabbronorite	51.20	31.63	0.25	14.24	2.85	0.14	100.31	69.4	75.9	72.8	2.1	7
2765.53	Leuconorite	51.94	31.04	0.24	13.80	3.12	0.13	100.27	66.0	75.2	70.4	3.4	8
2777.54	Leuconorite	50.60	32.14	0.19	14.86	2.58	0.11	100.48	71.9	78.5	75.6	2.4	7
2783.54	Leucogabbronorite	50.23	31.95	0.24	14.91	2.46	0.12	99.91	70.8	78.7	76.4	2.5	9
2795.54	Gabbronorite	50.91	31.29	0.24	14.21	2.87	0.13	99.65	66.5	78.3	72.7	4.5	7
2801.54	Gabbronorite	51.84	30.78	0.22	13.72	3.13	0.15	99.84	63.1	75.5	70.2	4.5	9
2809.7	Leucogabbronorite	50.97	31.24	0.23	14.32	2.79	0.14	99.69	69.7	78.1	73.3	3.8	6
2818.03	Leuconorite	51.91	30.77	0.22	13.57	3.22	0.15	99.84	66.8	71.2	69.4	1.5	7

Depth (m)	*Rock type*	*SiO_2*	*Al_2O_3*	*FeO*	*CaO*	*Na_2O*	*K_2O*	*Total*	*An% (min)*	*An% (max)*	*An% (ave)*	*An% (SD)*	*n*
2829.7	Leucogabbronorite	51.69	31.15	0.19	13.96	3.06	0.13	100.18	67.0	75.8	71.1	3.4	7
2835.8	Leucogabbronorite	50.83	31.57	0.23	14.57	2.69	0.11	100.00	70.8	76.1	74.5	1.5	9
2840.08	Leucogabbronorite	52.04	30.89	0.22	13.67	3.19	0.18	100.19	66.2	76.4	69.6	3.7	7
2845.75	Anorthosite	51.59	31.28	0.24	14.02	3.00	0.14	100.27	67.3	78.7	71.5	4.5	7
2853.7	Gabbronorite	51.89	31.24	0.20	13.97	3.05	0.10	100.45	65.8	76.1	71.3	4.0	8
2869.58	Gabbronorite	52.16	30.94	0.22	13.64	3.20	0.18	100.34	64.6	74.1	69.5	3.4	8
2881.65	Gabbronorite	52.42	30.85	0.19	13.61	3.28	0.15	100.50	64.1	73.6	69.1	4.0	7
2890.7	Leucogabbronorite	51.78	31.10	0.25	14.04	3.06	0.13	100.36	66.5	74.7	71.2	3.4	8
2899.7	Leucogabbronorite	51.62	31.31	0.24	14.14	3.04	0.11	100.46	68.2	74.5	71.6	2.4	8
2908.7	Leuconorite	51.97	30.98	0.28	13.91	3.06	0.14	100.34	67.4	74.6	70.9	2.7	8
2917.7	Leucogabbronorite	53.44	30.73	0.24	13.28	3.50	0.12	101.31	66.3	68.2	67.3	1.3	2
2926.7	Leucogabbronorite	51.31	32.14	0.22	14.57	2.71	0.13	101.08	69.8	77.2	74.2	3.2	4
2935.7	Gabbronorite	52.45	31.35	0.23	13.98	3.14	0.12	101.27	68.5	74.6	70.6	2.4	5
2944.7	Gabbronorite	51.96	31.41	0.22	14.11	3.04	0.13	100.87	65.2	77.0	71.4	3.5	8
2950.7	Gabbronorite	51.89	31.47	0.22	14.17	3.00	0.15	100.90	66.0	75.3	71.7	3.6	6
2959.7	Leucogabbronorite	51.66	31.57	0.24	14.32	2.90	0.13	100.82	68.1	76.5	72.6	2.7	9

Depth (m)	*Rock type*	*SiO_2*	*Al_2O_3*	*FeO*	*CaO*	*Na_2O*	*K_2O*	*Total*	*An% (min)*	*An% (max)*	*An% (ave)*	*An% (SD)*	*n*
2968.7	Leucogabbronorite	51.08	31.80	0.24	14.63	2.65	0.15	100.55	72.1	77.5	74.6	2.0	6
2977.7	Leucogabbronorite	51.05	32.12	0.23	14.73	2.70	0.10	100.93	72.9	76.0	74.7	1.6	5
2986.7	Gabbronorite	50.71	32.05	0.24	14.93	2.54	0.10	100.57	74.1	77.5	76.0	1.3	7
2995.7	Leuconorite	51.60	31.63	0.24	14.44	2.90	0.13	100.94	68.3	77.3	72.8	3.0	8
3003.7	Pegmatoid	53.84	29.99	0.25	12.46	3.93	0.16	100.63	62.8	63.7	63.1	0.5	3
3012.7	Gabbronorite	51.03	31.73	0.23	14.60	2.70	0.14	100.43	70.4	76.2	74.3	1.9	8
3020.44	Gabbronorite	52.08	31.06	0.25	13.82	3.19	0.11	100.51	65.1	73.0	70.1	2.7	9
3030.7	Gabbronorite	51.09	31.48	0.25	14.59	2.80	0.13	100.34	71.2	77.7	73.7	2.5	9
3040.7	Gabbronorite	51.81	30.89	0.21	13.83	3.12	0.16	100.02	64.2	77.8	70.3	5.2	8
3049.7	Leucogabbronorite	51.61	30.86	0.19	13.81	3.14	0.15	99.76	61.2	75.7	70.2	4.6	8
3055.7	Quartz leucogabbronorite	51.94	30.84	0.24	13.77	3.20	0.14	100.13	64.5	76.6	69.9	4.9	9
3063.7	Leucogabbronorite	51.33	31.38	0.22	14.24	3.03	0.12	100.32	69.2	76.0	71.8	2.0	9
3073.7	Leucogabbronorite	51.76	31.04	0.25	14.08	3.02	0.16	100.31	67.4	75.6	71.4	3.2	8
3082.7	Gabbronorite	52.08	31.01	0.22	13.83	3.19	0.16	100.49	63.7	74.2	69.9	3.8	8
3091.7	Leucogabbronorite	51.65	31.29	0.22	14.24	2.94	0.14	100.48	70.0	75.6	72.2	1.8	9
3100.7	Leucogabbronorite	51.60	31.42	0.20	14.29	2.86	0.19	100.56	67.5	76.6	72.6	2.9	9

Depth (m)	*Rock type*	*SiO_2*	*Al_2O_3*	*FeO*	*CaO*	*Na_2O*	*K_2O*	*Total*	*An% (min)*	*An% (max)*	*An% (ave)*	*An% (SD)*	*n*
3109.7	Leucogabbronorite	52.11	30.97	0.23	13.79	3.21	0.15	100.46	63.8	75.1	69.8	3.9	8
3128.7	Leucogabbro	53.33	30.46	0.24	13.12	3.58	0.18	100.91	62.6	69.3	66.3	3.1	6
3137.7	Leucogabbronorite	51.40	31.79	0.22	14.52	2.76	0.16	100.85	66.1	77.6	73.7	3.6	9
3146.7	Gabbronorite	51.70	31.27	0.22	14.14	2.93	0.17	100.43	70.2	74.6	72.0	1.3	8
3155.7	Gabbronorite	51.61	31.39	0.21	14.23	2.95	0.13	100.52	70.0	77.0	72.1	2.5	9
3164.7	Leucogabbronorite	50.92	31.78	0.28	14.74	2.69	0.14	100.55	71.2	79.1	74.5	2.7	9
3173.7	Leucogabbronorite	52.07	31.03	0.24	13.86	3.13	0.19	100.52	66.3	77.0	70.2	3.6	9
3182.7	Leuconorite	51.30	31.80	0.23	14.73	2.73	0.12	100.91	72.3	78.3	74.4	2.3	6
3191.7	Leucogabbronorite	51.73	31.40	0.23	14.30	2.94	0.13	100.73	69.2	75.2	72.4	2.2	9
3200.7	Gabbronorite	51.34	31.61	0.22	14.53	2.76	0.14	100.60	71.6	75.9	73.8	1.5	9
3209.7	Gabbronorite	51.56	31.44	0.22	14.40	2.87	0.16	100.65	70.4	75.4	72.9	1.4	9
3215.7	Leuconorite	51.33	31.81	0.26	14.68	2.77	0.16	101.01	70.6	77.9	73.9	2.5	8
3230.7	Melagabbronorite	51.16	31.66	0.11	14.66	2.70	0.17	100.46	70.8	78.9	74.3	3.5	7
3240.7	Websterite	53.56	30.54	0.16	13.10	3.65	0.16	101.17	63.4	68.4	65.9	3.6	2
3258.2	Leucogabbronorite	49.90	32.42	0.33	15.46	2.26	0.11	100.48	77.2	80.9	78.5	1.7	4
3261.7	Melagabbronorite	53.91	29.94	0.10	12.59	3.84	0.21	100.59	57.8	71.5	63.7	5.0	6

Depth (m)	*Rock type*	*SiO_2*	*Al_2O_3*	*FeO*	*CaO*	*Na_2O*	*K_2O*	*Total*	*An% (min)*	*An% (max)*	*An% (ave)*	*An% (SD)*	*n*
3278.7	Melagabbronorite	52.84	30.49	0.12	13.28	3.48	0.13	100.34	62.5	70.0	67.4	4.2	3
3284.7	Olivine melagabbronorite	52.30	31.09	0.29	13.70	3.39	0.07	100.84	66.7	71.6	68.8	1.9	9
3297.7	Melagabbronorite	53.17	30.50	0.15	13.25	3.51	0.19	100.77	65.6	68.2	66.9	1.2	4
3314.7	Websterite	53.02	30.85	0.11	13.41	3.60	0.05	101.04	67.0	67.3	67.1	0.2	2
3353.7	Hybridised gabbronorite	53.24	30.71	0.14	13.22	3.55	0.15	101.01	65.6	68.6	66.7	1.4	4
3369.54	Hybridised norite	57.10	27.13	0.23	10.47	5.40	0.30	100.63	43.9	57.4	50.7	9.6	2
3375.24	Hybridised leuconorite	54.76	29.68	0.15	12.10	4.22	0.21	101.12	59.3	61.8	60.6	1.8	2
3389.04	Melagabbronorite	52.38	31.24	0.17	13.72	3.32	0.11	100.94	68.2	69.9	69.1	0.9	3

Note: An% = 100 x molar (Ca/(Ca+Na+K))