***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))