

Appendix 1a: Sample numbers and lithology with corresponding depth (MJK-series collected by M.J. Kunk, RG-series collected by R.L. Gibson, W-series collected by W.U. Reimold). Abbr.: Basement = lower basement-derived section.

Sample	Depth (m)	Lithology	Corehole Section
RG166	1096.59	Gneissic granite	Granite megablock
W35	1105.90	Massive granite	Granite megablock
RG175	1108.12	Chlorite fracture	Granite megablock
W36a	1123.80	Massive granite	Granite megablock
W36b	1123.80	Mica schist	Granite megablock
RG165	1126.51	Gneissic granite	Granite megablock
RG164	1147.51	Mica schist	Granite megablock
RG174	1159.76	Mica schist	Granite megablock
W37	1161.30	Gneissic granite	Granite megablock
W38	1166.60	Massive granite	Granite megablock
W39a	1175.10	Massive granite	Granite megablock
W39b	1175.10	Mica schist	Granite megablock
RG172	1175.54	Mica schist	Granite megablock
RG173	1177.26	Gneissic granite	Granite megablock
RG171	1190.73	Gneissic granite	Granite megablock
RG170	1204.63	Gneissic granite	Granite megablock
RG163	1212.86	Gneissic granite	Granite megablock
W41	1233.10	Massive granite	Granite megablock
RG162	1233.71	Massive granite	Granite megablock
RG161	1245.90	Massive granite	Granite megablock
RG160	1248.92	Gneissic granite	Granite megablock
RG159	1251.36	Gneissic granite	Granite megablock
W42	1252.00	Gneissic granite	Granite megablock
RG158	1256.23	Gneissic granite	Granite megablock
W43	1263.70	Gneissic granite	Granite megablock
W44	1289.50	Gneissic granite	Granite megablock
RG157a	1290.86	Massive granite	Granite megablock
RG157b	1290.86	Mica schist	Granite megablock
RG156	1299.00	Massive granite	Granite megablock
W45	1312.60	Massive granite	Granite megablock
RG155	1314.21	Gneissic granite	Granite megablock
RG154	1315.67	Gneissic granite	Granite megablock
W46	1328.80	Massive granite	Granite megablock
W47	1336.40	Massive granite	Granite megablock
RG153	1342.98	Gneissic granite	Granite megablock
RG152	1351.36	Gneissic granite	Granite megablock
RG151	1351.82	Gneissic granite	Granite megablock
RG150	1359.80	Gneissic granite	Granite megablock
W48	1360.00	Massive granite	Granite megablock
W49	1367.90	Gneissic granite	Granite megablock
W51	1377.33	Amphibolite	Amphibolite megablock
RG01	1378.15	Amphibolite	Amphibolite megablock
RG176	1382.12	Amphibolite	Amphibolite megablock

Sample	Depth (m)	Lithology	Corehole Section
W52	1382.97	Amphibolite	Amphibolite megablock
RG02	1384.43	Amphibolite	Amphibolite megablock
RG05	1385.47	Amphibolite	Amphibolite megablock
RG177	1386.60	Amphibolite	Amphibolite megablock
RG06	1387.24	Amphibolite	Amphibolite megablock
RG03	1387.51	Amphibolite	Amphibolite megablock
RG04	1389.32	Brecciated granite vein	Amphibolite megablock
RG78	1539.26	Mica schist	Basement
RG77	1544.07	Breccia	Basement
RG76	1545.26	Mica schist	Basement
RG75	1548.96	Breccia	Basement
RG74	1559.51	Breccia	Basement
RG73	1562.22	Breccia	Basement
RG72	1569.84	Mica schist	Basement
RG71	1577.00	Breccia	Basement
RG70	1578.83	Biotite schist	Basement
RG69	1590.31	Mica schist	Basement
RG68	1597.67	Mica schist	Basement
RG67	1601.60	Mica schist	Basement
RG65	1603.46	Breccia	Basement
RG66	1604.39	Granite	Basement
RG64	1604.83	Mica schist	Basement
RG63	1607.30	Breccia	Basement
RG62	1609.77	Breccia	Basement
RG61	1611.93	Granite	Basement
RG60	1616.28	Mica schist	Basement
RG59	1622.28	Granite	Basement
RG58	1625.96	Mica schist	Basement
RG57	1627.33	Tourmalinite	Basement
W130	1628.12	Mica schist	Basement
RG56	1635.37	Mica schist	Basement
RG55	1637.63	Mica schist	Basement
RG54	1638.97	Mica schist	Basement
RG178	1641.65	Chlorite fracture	Basement
RG53	1641.81	Mica schist	Basement
RG52	1642.32	Mica schist	Basement
RG51	1644.58	Amphibolite	Basement
RG179	1645.34	Amphibolite	Basement
RG50	1646.01	Calc-silicate	Basement
RG49	1648.57	Mica schist	Basement
RG48	1652.02	Mica schist	Basement
RG168	1654.91	Quartz vein	Basement
RG47	1655.29	Mica schist	Basement
RG167	1655.40	Granite	Basement
RG46	1663.75	Granite	Basement
RG45	1670.73	Mica schist	Basement

Sample	Depth (m)	Lithology	Corehole Section
MJK21	1671.86	Mica schist	Basement
RG44	1672.13	Mica schist	Basement
RG43	1675.33	Mica schist	Basement
RG42	1677.95	Granite	Basement
RG41	1679.30	Mica schist	Basement
RG40	1687.10	Granite	Basement
RG169	1687.34	Mica schist	Basement
RG39	1688.59	Mica schist	Basement
RG37	1691.99	Granite	Basement
RG38	1693.04	Mica schist	Basement
RG36	1693.22	Granite	Basement
RG35	1703.73	Granite	Basement
MJK18	1716.56	Mica schist	Basement
RG34	1717.47	Mica schist	Basement
RG33	1719.77	Granite	Basement
RG32	1722.09	Granite	Basement
RG31	1722.91	Granite	Basement