

Appendix 1d: Foliation structural measurements with increasing depth for the gneissic granite and schist xenoliths from the upper granite megablock, the amphibolite from the upper amphibolite megablock and for the metapelites from the lower basement-derived section of the Eyreville-B corehole. All measurements are taken from the core axis.

Sample	Depth (m)	Lithology	Angle (°)	Sample	Depth (m)	Lithology	Angle (°) – S1a	Angle (°) – S1b
Upper granite megablock				Lower basement-derived section				
RG166	1096.59	Gneissic granite	50	RG78	1539.26	Mica schist	40	-
W36b	1123.80	Schist xenolith	-	RG72	1569.84	Mica schist	-	71
RG165	1126.51	Gneissic granite	68	RG70	1578.83	Biotite schist	35	-
RG164	1147.51	Gneissic granite	63	RG68	1597.67	Mica schist	56	72
RG174	1159.76	Schist xenolith	39	RG67	1601.60	Mica schist	44	67
W37	1161.30	Gneissic granite	61	RG64	1604.83	Mica schist	46	73
W39b	1175.10	Schist xenolith	-	RG58	1625.96	Mica schist	60	78
RG172	1175.54	Schist xenolith	50	RG57	1627.33	Tourmalinite	57	86
RG173	1177.26	Gneissic granite	69	W130	1628.12	Mica schist	57	-
RG171	1190.73	Gneissic granite	58	RG56	1635.37	Mica schist	46	79
RG170	1204.63	Gneissic granite	66	RG54	1638.97	Mica schist	-	72
RG163	1212.86	Gneissic granite	53	RG53	1641.81	Mica schist	-	72
RG160	1248.92	Gneissic granite	67	RG52	1642.32	Mica schist	58	78
RG159	1251.36	Gneissic granite	54	RG51	1644.58	Amphibolite	68	-
W42	1252.00	Gneissic granite	65	RG179	1645.34	Amphibolite	52	-
RG158	1256.23	Gneissic granite	59	RG49	1648.57	Mica schist	57	70
W43	1263.70	Gneissic granite	67	RG48	1652.02	Mica schist	64	-
RG155	1314.21	Gneissic granite	56	RG47	1655.29	Mica schist	69	-
RG154	1315.67	Gneissic granite	53	RG45	1670.73	Mica schist	57	76
RG153	1342.98	Gneissic granite	60	MJK21	1671.86	Mica schist	56	-
RG152	1351.36	Gneissic granite	56	RG44	1672.13	Mica schist	49	64
RG151	1351.82	Gneissic granite	67	RG43	1675.33	Mica schist	67	70

Sample	Depth (m)	Lithology	Angle (°)	Sample	Depth (m)	Lithology	Angle (°) – S1a	Angle (°) – S1b
RG150	1359.80	Gneissic granite	56	RG41	1679.30	Mica schist	-	59
Upper amphibolite megablock				RG40	1687.10	Granite	-	71
W51	1377.33	Amphibolite	63	RG169	1687.34	Mica schist	-	54
RG01	1378.15	Amphibolite	47	RG39	1688.59	Mica schist	56	-
RG176	1382.12	Amphibolite	34	RG38	1693.04	Mica schist	64	71
W52	1382.97	Amphibolite	49	MJK18	1716.56	Mica schist	41	-
RG02	1384.43	Amphibolite	55	RG34	1717.47	Mica schist	59	71
RG05	1385.47	Amphibolite	57					
RG177	1386.60	Amphibolite	49					
RG06	1387.24	Amphibolite	40					
RG03	1387.51	Amphibolite	56					
RG04	1389.32	Amphibolite	35					

* - Foliations could not be measured