

Table A3: New Sm-Nd isotopic data on Darriwilian and Floian magmatism in the AAT

Sample	Unit	lithology	Lab ¹	UTM E	UTM N	Age Ma	Nd(ppm) ²	Sm(ppm) ²	¹⁴⁷ Sm/ ¹⁴⁴ Nd ²	¹⁴³ Nd/ ¹⁴⁴ Nd ²	ε _{Nd(465)}
RAX05902	Gullbridge	felsic volcanic	CU	561307	5449285	472	16.14	3.12	0.1168	0.512158	-4.6
RAX06A235	Gullbridge	pillow basalt	CU	559550	5428851	472	7.94	2.42	0.1843	0.512836	4.6
RAX06A240b	Gullbridge	felsic volcanic	CU	558934	5427864	472	14.36	2.81	0.1181	0.512407	0.2
RAX06A052A	Harry's River	diabase	CU	507083	5412016	472	25.42	6.08	0.1445	0.512707	4.5
RAX06A164	Harry's River	diabase	CU	543428	5419903	472	9.48	2.95	0.1884	0.512968	6.9
AK950104	Boot Harbour	felsic volcanic	MUN	590190	5485352	465	15.13	3.70	0.1475	0.512494	0.1
AK950122B	Boot Harbour	felsic volcanic	MUN	587842	5484178	465	20.00	4.40	0.1365	0.51255	1.9
AK950330A	Boot Harbour	felsic volcanic	MUN	573634	5483217	465	30.41	7.07	0.1405	0.512532	1.3
AK950439A	Boot Harbour	felsic volcanic	MUN	573279	5447992	465	20.93	4.81	0.139	0.512516	1.0
AK950515	Boot Harbour	felsic volcanic	MUN	576958	5483720	465	22.00	5.10	0.1442	0.512543	1.3
AK950122A	Boot Harbour	pillow basalt	MUN	587842	5484178	465	13.70	3.40	0.1527	0.512642	2.7
AK950331	Boot Harbour	pillow basalt	MUN	573791	5483242	465	10.36	2.50	0.1461	0.512435	-1.0
AK950336A	Boot Harbour	pillow basalt	MUN	574275	5483248	465	10.80	2.70	0.1534	0.512529	0.4
AK950436A	Boot Harbour	pillow basalt	MUN	570768	5448351	465	17.04	4.24	0.1503	0.512517	0.4
AK950510	Ghost Pond	felsic volcanic	MUN	578514	5477570	465	13.00	2.90	0.1373	0.512135	-6.3
AK953294	Ghost Pond	pillow basalt	MUN	581926	5480677	465	11.55	3.85	0.2015	0.512996	6.7
AK953387	Ghost Pond	pillow basalt	MUN	580618	5479556	465	9.91	2.59	0.1577	0.512701	3.6
AK956127	Ghost Pond	pillow basalt	MUN	572137	5474951	465	6.75	2.34	0.2098	0.512981	5.9
AK950132	Mud Pond	pillow basalt	MUN	587026	5482665	465	17.73	4.08	0.1393	0.512361	-2.0
AK950163	Mud Pond	pillow basalt	MUN	595665	5484570	465	17.80	4.00	0.1391	0.512352	-2.2
AK950235	Mud Pond	pillow basalt	MUN	576752	5477621	465	14.32	3.33	0.1404	0.512375	-1.8
AK950424	Pilley's Island	felsic volcanic	MUN	590130	5482095	465	23.10	5.94	0.1555	0.512735	4.3
AK950454	Pilley's Island	felsic volcanic	MUN	590794	5484244	465	19.90	4.40	0.1372	0.512569	2.2
AK950121A	Pilley's Island	pillow basalt	MUN	590401	5483297	465	8.70	2.40	0.1673	0.512633	1.7
AK950117	Triton	felsic volcanic	MUN	590802	5484581	465	12.05	3.32	0.1664	0.512754	4.1
AK950150	Triton	gabbro	MUN	593730	5481796	465	11.44	3.63	0.1918	0.512922	5.8
AK950145	Triton	pillow basalt	MUN	592530	5481182	465	14.13	3.84	0.1644	0.512707	3.3
AK950219A	Triton	pillow basalt	MUN	592312	5482460	465	16.20	4.70	0.1807	0.512725	2.7
AK950513	Woodford's Arm	granite	MUN	580298	5484214	465	17.40	2.90	0.1014	0.512293	-1.1

¹ MUN - Memorial University of Newfoundland, St. John's (Kerr and Wardle, 1997); CU - Carleton University, Ottawa (Cousens, 1996).

² Measured