

Sample	Age (Ga)	Unit	Location	Lithology	UTM	Latitude N		Longitude W		Neodymium isotopes measured			Neodymium isotopes calculated				
						degrees	minutes	degrees	minutes	Sm ppm	Nd ppm	<sup>147</sup> Sm/ <sup>144</sup> Nd	<sup>143</sup> Nd/ <sup>144</sup> Nd	<sup>143</sup> Nd/ <sup>144</sup> Nd (mil)	ε <sub>CHUR</sub>	ε <sub>CHUR</sub>	tDM (Ga)
37	0.33	Ragged Reef Fm	Spicer Cove	sandstone		45	25.79	64	53.74	20.28	98.23	0.1249	0.512555	0.512285	-1.62	1.41	0.88
38	0.33	Ragged Reef Fm	Spicer Cove	sandstone		45	25.93	64	53.58	3.61	18.25	0.1195	0.512112	0.511854	-10.26	-7.01	1.49
28	0.33	Londonderry Fm	Cobequid Pass	sandstone	448509 5037260					6.39	28.32	0.1364	0.512131	0.511836	-9.89	-7.35	1.75
25	0.36	upper Horton Gp	West Branch North River Rd	sandstone		45	31.53	63	16.69	7.13	34.20	0.1260	0.512475	0.512178	-3.18	0.07	1.01
26	0.36	upper Horton Gp	West Branch North River Rd	siltstone		45	31.53	63	16.69	7.35	36.22	0.1226	0.512289	0.512	-6.81	-3.40	1.26
35	0.36	upper Horton Gp	Falls Fm, Spicer Cove	sandstone		45	25.73	64	54.02	17.94	85.29	0.1272	0.512527	0.512227	-2.17	1.03	0.94
41	0.36	Rapid Brook Fm	West Advocate	sandstone		45	22.80	64	47.36	5.68	28.82	0.1191	0.512363	0.512082	-5.36	-1.80	1.11
43	0.36	medial Horton Gp	beach, West Advocate	sandstone		45	21.23	64	50.13	8.64	43.74	0.1194	0.512026	0.511745	-11.94	-8.39	1.61
45	0.36	medial Horton Gp	Lynn Rd	argillite		45	26.34	64	6.85	6.92	33.64	0.1244	0.512113	0.51182	-10.24	-6.92	1.56
7786	0.36	medial Horton Gp	East River of Five Islands	sandstone	421617 5033668					10.03	51.79	0.1171	0.512134	0.511858	-9.83	-6.18	1.42
8014a	0.36	medial Horton Gp	East River of Five Islands	sandstone	420986 5032889					0.87	3.01	0.1745	0.512131	0.511172	-9.89	-8.88	3.13
8022	0.36	medial Horton Gp	East River of Five Islands	argillite	421326 5033292					11.95	76.61	0.0943	0.512035	0.511813	-11.76	-7.06	1.29
8054	0.36	medial Horton Gp	Boyd Brook	argillite	412852 5031870					1.50	6.13	0.1480	0.512195	0.511846	-8.64	-6.41	1.89
8057	0.36	medial Horton Gp	Boyd Brook	sandstone	413025 5032551					2.74	12.77	0.1296	0.512047	0.511742	-11.53	-8.45	1.76