

TABLE D2
K-Ar Ages of Basalts at the Fort Selkirk Site

Sample	Location (Fig. 1)	Stratigraphic level	Material Dated	K ₂ O (wt%)	⁴⁰ Ar*/gram (moles × 10 ⁻¹²)	⁴⁰ Ar* (%)	Age ± σ (myr)
Upper basalt flow series							
683(p)	1	At base of lowermost flow	Whole rock	1.3070	2.5473 × 10 ⁻¹²	38	1.35 ± 0.08
FSIC	1	16 m above base	Whole rock	1.3902	2.7046 × 10 ⁻¹²	15	1.35 ± 0.11
783(a)	2	3 m below top of uppermost flow	Whole rock	1.8743	3.9891 × 10 ⁻¹²	19	1.47 ± 0.11
Lower basalt flow series							
983(a)	3	Base of exposure, above scree	Whole rock	2.2890	5.2866 × 10 ⁻¹²	60	1.60 ± 0.08
1083(a)	4	6 m above base of exposure, above scree	Whole rock	2.2863	6.0381 × 10 ⁻¹²	8	1.83 ± 0.20
1183(a)	5	Base of lowest flow	Whole rock	2.0839	6.9730 × 10 ⁻¹²	41	2.32 ± 0.13