central Talkeetna Mts. - Tim Little Samples

Number	Field Number	Project	Mineral	K2O(wt%)	Sample Weight (g)	40ArRAD (mol/g) x 10E-11 *	40ArRAD / 40K x 10E-3 *	%40ArRAD *	Age +/- Sigma (M.Y.) *
84197	83LET33	CHUGACH	AMP	.264 .264 Mean = .264	1.4260	1.53	2.33	27.1	39.70 +/- 1.2

Note : RAD = radiogenic ; Sigma = standard deviation.

* These values are valid to 3 significant figures.

Constants :

Lambda e + Lambda e' = 0.581 x 10E-10/yr
Lambda B = 4.962 x 10E-10/yr
40K / K total = 1.167 x 10E-4 mol/mol

Lab Number	Field Number	Project	Mineral	K2O(wt%)	Sample Height (g)	40ArRAD (mol/g) x 10E-11 *	40ArRAD / 40K x 10E-3 *	%40ArRAD *	Age +/- Sigma (M.Y.) *
84203	83LET33	CHUGACH	AMP	.264 .264	1.0027	1.53	2.35	14.3	39.90 +/- 1.2
			Mean =	.264					

Note : RAD = radiogenic ; Sigma = standard deviation.

* These values are valid to 3 significant figures.

Constants :

Lambda e + Lambda e' = 0.581 x 10E-10/yr
Lambda B = 4.962 x 10E-10/yr
40K / K total = 1.167 x 10E-4 mol/mol

2nd extraction of same mineral seperate 83 LET33 AMP

Lab Number	Age
84197	39.7 ± 1.2
84203	39.9 ± 1.2

Lab Number	Field Number	Project	Mineral	K2O(wt%)	Sample Weight (g)	40ArRAD (mol/g) x 10E-11 *	40ArRAD / 40K x 10E-3 *	%40ArRAD *	Age +/- Sigma (M.Y.) *
84198	83LET47	CHUGACH	AMP	.406 .400	1.0733	2.56	2.56	17.6	43.60 +/- 1.3
			Mean =	.403					

Note : RAD = radiogenic ; Sigma = standard deviation.

* These values are valid to 3 significant figures.

Constants :

Lambda e + Lambda e' = 0.581 x 10E-10/yr
Lambda B = 4.962 x 10E-10/yr
40K / K total = 1.167 x 10E-4 mol/mol