Craig Leitch.

675581

Bralorne 92J/15

# K-Ar

Sample Number(s) and Reference(s)

Lab No: DY 3217

Ref: C. Godwin.

Record No:

Suite No:

Sample Name: "Robson"

| | material | Date | 1σ error |
|---|---|---|---|
| decay constants: | ( Bio. ) | 63.7 | ±2.2 Ma |
| ☐ 4.72/.584/1.19 | ( ) | | ± Ma |
| ☐ 4.72/.584/1.18 | ( ) | | ± Ma |
| ■ 4.96/.581/1.167 | ( ) | | ± Ma |

☐ not reported

Latitude: Longitude: (X° Y' Z" or X° Y.Y')

(51°02' " N 122°88' " W (± ); Elev.

UTM Zone E N; Province B.C.

Sec. , T. , R. ; Co., State .

(NTS 092/0/02 Taseko Lakes Map Area, Scale 1:250,000

Location: 4 miles NW of Eldorado Mtn peak, on Hughes Ck

Source Type:

Rock: Biotite-hornblende granodiorite, equigranular, unaltered

Geologic Unit: 'Coast Rge Intrusions' - Cairnes, hosted by Hurley Fm argillite (uTK)

Geologic Age: Earliest Tertiary

Material Analyzed: Biotite

Analytical Data: (list duplicate analyses or indicate n = 2, n = 3, etc.)

| | | | |
|---|---|---|---|
| $K = \bar{X} = 6.62 \pm 0.04$ % | ; ($Ar^{40*}$ = 16.684 | $\times 10^{-6}$ cc/gm ) | |
| $K_2O$ = n = 2 % | ; ($Ar^{40*}$ = 7.445 | $\times 10^{-10}$ mol/gm) | ; ( 93.7 $\%\Sigma Ar^{40}$) |
| K = % | ; ($Ar^{40*}$ = | $\times 10^{-6}$ cc/gm ) | |
| $K_2O$ = % | | $\times 10^{-10}$ mol/gm) | ; ( $\%\Sigma Ar^{40}$) |
| K = % | ; ($Ar^{40*}$ = | $\times 10^{-6}$ cc/gm ) | |
| $K_2O$ = % | | $\times 10^{-10}$ mol/gm) | ; ( $\%\Sigma Ar^{40}$) |
| K = % | ; ($Ar^{40*}$ = | $\times 10^{-6}$ cc/gm ) | |
| $K_2O$ = % | | $\times 10^{-10}$ mol/gm) | ; ( $\%\Sigma Ar^{40}$) |

Comment on Analyses:

Interpretation: small stock (~.15 sq mi area) 150 m above adit on Hughes Ck, Robson Au-Ag (Zn Sb As Pb) veins. Host Hurley hornfelsed ~50 m away from contact. Related to larger Eldorado Basin stock (?) adjacent. also similar age dykes at Graveyard 68±2 Ma. Similar age Bendor pluton 57-63 Ma (OF 482). Extends Bendor Trend to NW. Robson and related showings ie Lucky Jem, Lucky Strike, Northern Lights, ~~prob~~ all may be Late K-eTert. age.

Collected by: K. Dawson

Dated by: J. Harakal & D. Runkle

Listed by: (name, institution) Date: 05.06.87