

POTASSIUM-ARGON AGE DETERMINATION

Atlin Gold
104N/11+12

675102

Geochronology Section

Memo to: K.M. DAWSON

Date: 15 JUL 1986

Sample No: DY-2958

Laboratory No: 3734

Location: B.C. ?

Material dated: BIOTITE

WT % K: 6.17

Age: 167.2 +/- 4.7 Ma

Radiogenic Ar: 419.9×10^{-7} cc/gm

% Atmos Ar: 8.1

Please supply geological information and an interpretation of this age determination for inclusion in the annual publication of K-Ar ages. The text should be in a scholarly form suitable for publication with a minimum of editing.

Granodiorite stock exposed on small
knoll in valley of Golden View property.
167 Ma age is 7 Ma ^{older} ~~younger~~ (+, -) than several
others in G.D. Carbonian or late mid Jurassic

POTASSIUM-ARGON AGE DETERMINATION

Geochronology Section

Memo to: K.M. DAWSON

Date: 15 JUL 1986

Sample No: DY-2957

Laboratory No: 3733

Location: B.C. ?

Material dated: SERICITE.MUSC.

WT % K: 8.87

Age: 160.6 +/- 4 Ma

Radiogenic Ar: 579.1 x 10⁻⁷ cc/gm

% Atmos Ar: 8.6

Please supply geological information and an interpretation of this age determination for inclusion in the annual publication of K-Ar ages. The text should be in a scholarly form suitable for publication with a minimum of editing.

*Coarse muscovite alteration associated with
molybdenite in small quartz veins. Porphyry
zone, Golden View property, Athol. 6 veins, strike
130°-140°. Pyrite also in veins. Late middle Jurassic*