

POTASSIUM-ARGON AGE DETERMINATION

803895

Geochronology Section

Memo to: R.V. KIRKHAM

Date: 1 Aug 1989

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Sample No: KQ-89-1

Laboratory No: 4087

Location: B.C. ?

Material dated: MUSCOVITE

WT % K: 8.45 +/- 1.058 % 1S

Age: 110.4 +/- 2.6 Ma 2 Sigma

Radiogenic Ar:  $374.1 \times 10^{-7}$  cc/gm +/- .6 % 1S

% Atmos Ar: 2.2

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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.