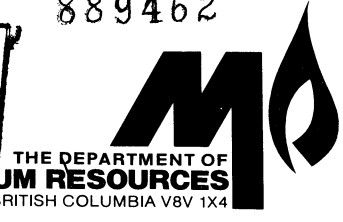


Whiting Creek  
889462

**MEMORANDUM** FROM..... N. C. Carter.....  
..... Mineral Resources.....  
TO..... Mr. T. G. Schroeter,  
..... District Geologist,  
..... Smithers, B.C.....

DEPT. OF MINES  
AND PETROLEUM RESOURCES  
Rec'd JUN 28 1976  
MINES AND PETROLEUM RESOURCES  
PARLIAMENT BUILDINGS, VICTORIA, BRITISH COLUMBIA V8V 1X4  
SMITHERS, B. C.



June 24, 1976  
DATE.....

Dear Tom:

Attached is the K-Ar report for Don Macintyre's samples. I realize they're late but no doubt he'll appreciate seeing the result if you happen to run into him.

All the best,

*Nick*  
N. C. Carter,  
Geological Division,  
Mineral Resources Branch.

NCC/r

Attach.

THE UNIVERSITY OF BRITISH COLUMBIA

VANCOUVER 8, CANADA

DEPARTMENT OF  
GEOLOGICAL SCIENCES

June 10, 1976

(K-AR ANALYTICAL DATA AND AGE DETERMINATION)

Sample No. *MT BAPTISTE*  
 Material Analyzed. *Biotite D 255*  
 Potassium (% K)<sup>1</sup>  $\bar{x} = 7.34 \pm 0.06$  (3)  
 Ar<sup>\*40</sup> / Total Ar<sup>40</sup> *0.914*  
 Ar<sup>\*40</sup> (10<sup>-5</sup> cc STP/g) *2.118*  
 Ar<sup>\*40</sup> / K<sup>40</sup>  $4.232 \times 10^{-3}$   
 Apparent Age.  $71.0 \pm 2.1$  M.Y.

DEPT. OF MINES AND PETROLEUM RESOURCES		
Rec'd JUN 22 1976		
ASB		
NCL		

2398

Sample No. *Whiting Creek, M72*  
 Material Analyzed. *Biotite*  
 Potassium (% K)<sup>1</sup>  $\bar{x} = 6.76 \pm 0.06$  (3)  
 Ar<sup>\*40</sup> / Total Ar<sup>40</sup> *0.890*  
 Ar<sup>\*40</sup> (10<sup>-5</sup> cc STP/g) *2.038*  
 Ar<sup>\*40</sup> / K<sup>40</sup>  $4.421 \times 10^{-3}$   
 Apparent Age.  $74.1 \pm 2.2$  M.Y.

DEPT. OF MINES AND PETROLEUM RESOURCES	
Rec'd JUN 28 1976	
SMITHERS, B. C.	

Footnotes: 1. Number in parenthesis refers to number of K analyses.

Constants Used:  $\lambda_e = 0.585 \times 10^{-10} \text{ yr}^{-1}$

$\lambda_\beta = 4.72 \times 10^{-10} \text{ yr}^{-1}$

$\text{K}^{40} / \text{K} = 1.19 \times 10^{-4}$

Ar<sup>\*40</sup> refers to radiogenic Ar<sup>40</sup>.

$\sigma$  = standard deviation.

*John H. ...*