

Amphibole Biotite
Rock Name Λ Qtz Diorite
Locality Troy Silver - Pukaist Ck
Occurrence Diamond drill core
Megascopic

009472

Serial No. 701080
Field No. TROY3-125
DDH 3 - 125'

Microscopic It is not obvious from the sections
but locally intense altn is probably a result
of veining.

| MINERALS | Approx. per Cent | Cut on dotted line to make clip for section. | Analyst WJMcM | Date 3/12/70 |
|---|---------------------|--|---------------|-----------------|
| Qtz - angular, interstitial | 20% | | | |
| plag. - mild to intense sericitizin _{Am⁵⁰} | 50% | | | |
| biotite - chlorite along cleavages | 15% | | | |
| orthopyroxene - augite partly chloritized | 15% | | | |
| apatite | | | | |

chlorite - some is pleo.
Anom. blue to low 1st
order birefringence

5M-1068-7841 (2)



$$\begin{array}{r} 73 \\ 47 \end{array} \begin{array}{l} > 28 \\ > 27 \end{array} \times 1010 = 27\frac{1}{2}^\circ \quad \text{Ans } 50$$

Pyroxene: Ext'n $X'_{101} = 44^\circ$

