

- DDH. FF.
- 62AB153 - T-146. 67 - SKARNY ^{FINE} DIORITE. - R → GARNET CHL → ZOISITE
- 62AB154 " 82 - CHLORITIZED BASALT. TRACYTIC TEXTURE.
PC → SER. MAFIC → CHL + CAL. 5% MT.
155. " 124. - SKARNY ^{MOTTLE} DIORITE POR. , PC PHONO. Px → HB + EP + CAL
LATHY MATRIX PC CHL → EP.
156. " 228
157. " 472 ALT. FINE BASALT, AMYG. OF CHL & CAL + CAL CORO.
PC LATH + CHL + LEUCOX. + CAL. MORE ALT. THAN 156.
- 158 T-129 230
- 159 T-229 245
160. T 124. 371' SKARNY GNST. - MESSY ACTINOLITE WITH SERICITE (PC?)
& ANTHOPHYLLITE CUT BY VEINS OF CAL. FANTH.
- 161 T125 278' HIGHLY ALT. FELD POR. (MOTT). PC PHONO → SER
MATRIX. CHL. CARB. ¹²⁰⁰ MT VEINLETS.
CF. ANDESITE PORPH.
- 162 " 341 SKARNY VESICULAR GNST. ^{ORTH + ZOISITE IN VESICLES,} PC + LEUCOX. "
- 163 " 379. FINE BASALT. - FLOW TEXT. CHILLED / CUTTING?
PYRITIC.
- 164 " 403 POR. ^{THOELITE} QZ BASALT. - HB → ZOISITE OTHERWISE
FAIRLY FRESH.
165. " 411 GLOMERO POR. QZ BEARING BASALT. - ^{PHONO} PC & Px → CHL.
MATRIX PC CHL. & QZ + DRYS. & LEUCOX. ^{TR CLINO. 2015}
- 166 T126 37 DIORITE POR., PC ^{SER AS} EP. QZ-5%, MAFIC HB → CHL + MT
FEL + QZ. SER + CHL. ^{+ CAL-15} PROB MOTTLE POR.

Thin sections - Tasu - Representative Rocks

Porphyry : (or equivalents)

Thin sections # 63-AB-27, -56, -62A, -65, -65-2, f-410

Megascopic :- generally dark to 'bleached' gray, massive with c.9 plagioclase laths as phenocrysts and greenish-brown hornblende phenocrysts

- groundmass generally fine-grained, variably altered ~~out~~
- extensive visible epidote etc skarnification as well as overall bleaching

Microscopic :- phenocrysts of c.9 to 0-c9 plagioclase and hornblende in v.f. feldic matrix

- plagioclase weakly fractured - well zoned (oscill) and variably sericitized - commonly strongly clouded.
- ~~hornblende~~ plag composition about An_{58±2} (1900 determined)
- ^{primary} hornblende dark brown in thin section - interstitial to plagioclase - content 5-10%
- 2ndly actinolite after pyroxene - some tremolite
- pyroxene as interstitial phenocrysts - aegirite - and scattered "pigeonite" common to this rock type (unit)

TS-63-AB-62-B

Skarnification - includes replacement by epidote - garnet carbons

- plag extensively sericitized.
- alteration includes carbonate formation + some silicification
- magnetite generally < 2%
- skarn appears to be most extensive along thin (?) shears

SKarn

TS - 63-AB-26 & 63-AD-?

Macroscopic - general? - 63-AB-26 - m-cg crudely banded
blotchy appearance
- 63-AD-? - mg banded, strong
green color.

Microscopic - largely zoned garnets with epidote - quartz +
pyroxene + amphibole - magnetite + spinel.