

1062 - Dyke @ 1N2W

~7% opaques.

Plag → clay zoned, ~95%

chlor all. ~10%

sericite ~35%

relict amphiboles / px <5%

porphyritic plag / px

1056

from shear containing sulphides.

opaques - 50%

chlorite - 30% fibrous pennine

granular mass of <sup>20%</sup> kiefingend mineral grains

1055

from shear

~2% opaques - (Mag?)

chlorite ± ~~sericite~~ opaques

porph altered/zoned plag - (sericite)

mineral filled fractures

plag groundmass -

tr. epidote

minor Qtz  
(≤ 1%)

some Pd have altered cores

Hbl → chlor + mag.

1054 - from shear + opaques.  
~3% opaques.

minor px

fd - play + K - zoned, associated, altered.

qtz

chlor (perminite) + others.

porphyritic

many relic grains surrounded by all  
some red kind.

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1053 from shear.

~70% fd (play/K.)

otherwise the same as 1054

overgrowths on fd.

14  
57

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1052 shear.

chlor 5-10% perminite

fd ~ 90% - highly altered to clay, zoned,  
lightly fractured.

mapicis 5-10%

bimodal xal size  
mainly play pheno/porphyro blasts.  
some may remaining chlor

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1051 shear

~5% opaques.

~15% chlor main opaques occur assoc with chlor.

crushed fd ground mass + fd pheno, some altered  
cores, all → clay

minor qtz.

1049 - shear

< 5% opaques

highly folded, FCR'd, granulated

Fd

chlor - pennine

~~qtz veins~~

sericite  
epidote

largely indistinguishable groundmass of clay, K Rd,  
plag, qtz?

veins have sericite, pennine, K Rd, plag.

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1024 from # 3

~10% opaques, intergranular

angular, subhedral xals in fine groundmass

K Rd, qtz phenos, plag + partially welded  
groundmass of similar comp.

Rd → clay.

possibly Kyanite

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1022 from # 3.

foliated, ~5% opaques.

phenos of qtz, K Rd, plag.

very fine gr. groundmass + some clay & carb all.  
much of the Rd all along fractures.

1017 - prospectors trail road.

Hbl,

5-10% opaques,

qtz, Kfd, plag

~30% very fine grained matrix.

euhedral - subhedral phenos

Rutile/Andesite Truff?

1016 - Prospectors trail road.

qtz, Kfd, minor plag } Kfd → clay

~30% matrix, some mafics in phenos & matrix  
some of them → opaques.

~~Hbl~~

corroded borders on most phenos

1009 - 2950' Pan.

~10% opaques. (mostly interstitial)  
some replacing Hbl.

Hbl

highly altered Pl (plag, KPl)

Hbl + Pl → clay matrix (~50%)

Predominantly Hbl phenos. but also plag.

some perthite

porphyritic

1006 - 2860'

~15% opaques many dissen, some replacing phenos.

qtz, KPl ± less plag phenos. some highly altered mafic clots.

Pl → clay.

groundmass Pl + qtz, pyroclastics.

1903

HL

105

5-10% mafics - replacement generally.

fine acid & al trapp.

Some euhedral mag.

some chlor, altered groundmass.

Thin Sections

- Please keep the rocks and cut a small slab from each one and retain it as well.

Numbers

1003

1006

1009

1016

1017

1022

1024

1049

1051

1052

1053

1054

1056

1062

1055