

STOP #

## 1. Vangorda formation:

Biotite - muscovite - calcite - quartz - chlorite -  
actinolite  $\pm$  epidote schist / phyllite

Transitional between 3D calc-silicate (mine area) amphibolite facies and 5B Vangorda phyllites (Vangorda Plateau) greenschist facies.

## 2. Mount Mye formation:

Carbonaceous biotite - muscovite - andalusite  
phyllite / schist, noncalcareous to locally calcareous, carbon-  
aceous phyllites of the upper part of the Mt. Mye  
approximately down-dip lateral equivalent of the  
Faro deposit.

note intrusion by smoky quartz-feldspar porphyry dykes.

## 3. Mount Mye formation:

Biotite - muscovite - quartz - andalusite  
schist / phyllite. The noncalcareous phyllite / schist is  
transitional between the Faro deposit (amphibolite facies)  
and the Vangorda plateau (greenschist facies) areas.

## 4. Mount Mye formation:

Biotite - muscovite - quartz - andalusite -  
garnet - staurolite schist.  
noncalcareous, amphibolite facies schist  
thin, minor interbanded marble and calc-silicates

## VANGORDA PLATEAU

### STOP #

1. Mount Mye formation and Vangorda Plateau overview:

Noncalcareous, noncarbonaceous, muscovite-chlorite (greenschist facies) phyllites of the Mount Mye formation.

2. Mount Mye formation:

Carbonaceous, noncalcareous, muscovite-chlorite phyllites.

Carbonaceous horizon which includes the Vangorda deposit.

3. Vangorda formation:

Calcareous, muscovite-chlorite-quartz-calcite phyllites (greenschist facies) of the Vangorda fm.

4. Vangorda formation:

Chlorite-actinolite metabasites of the Vangorda formation.

Question of volcanic activity during ore deposition - dykes, sills, flows, possible associated tuffs?

5. Vangorda formation: NO HAMMERS PLEASE

Structural style for  $D_1$  and  $D_2$  deformations-Vangorda plateau.

Preserved minor fold interference patterns in Vangorda formation.

6. Vangorda formation:

Carbonaceous phyllites, chloritic phyllites, and altered (carbonated) chloritic phyllites of the Vangorda formation.

Hanging wall of Grum deposit - fairly typical of carbonaceous intervals laterally equivalent to ore deposit.

7. Vangorda formation:

noncalcareous phyllite

Although generally calcareous, minor intervals of noncalcareous phyllites do occur.

8. Tie fault zone overview:

New wrinkle to structural style

of Vangorda Plateau.

Normal fault offset of ore deposits forming smaller structural domains.

9. Anvil Batholith:

Foliated muscovite - biotite granite.

Intrusion / fault / deformation history

10. Grum deposit:

Representative rock types - drill core / dumps.