



Porcellanous white unit with fine grained Crst Fe phases - chlorite matrix?

Highly fractured QPP R. This unit has unusually large fold parts (15-20mm). Length sized rounded clasts also present. Rock could be proclastic. Groundmass has the distinctive somewhat texture of stony rhyolite.

Zone of stony clay alteration especially a fault zone. Most of this is completely clay altered. Possible high temperature or leaching by fluid to tell.

Massive QPP rhyolite. Aids similar to nearby Rhyolite. Unit is highly fractured and veined by clay. Possible large scale noted.

QPP rhyolite unit consisting of a mixture of massive and brecciated QPP. Much of the rock has been pervasively clay altered, leaving it soft and easily broken. Clusters of cream colored clay form a mesh structure.

Clay supported breccia composed of QPP rhyolite clasts in a thin clay matrix. Rock is poorly sorted. Clasts range from rock size to medium lapilli size. Could be a basal part of the Rhyolite deposit. Clasts are highly to moderately clay altered. Only very weak silicification noted.

Rhyolite breccia. Rock consists of QPP cream colored lapilli in a black glass matrix containing many angular fragments of glass shards. The matrix is composed of silicified and in places the rhyolite clasts are clay altered. Rusty zones in silicified clasts.

Lapilli fall in some locations of this breccia. Contains a variety of fragments of rock with various colors. Rock is brecciated with silicified matrix.

Black-splintered matrix Rhyolite. Rock is very siliceous, probably cherty. Yellow grey lapilli of QPP siliceous clasts and a porous matrix with no crystals. Some clasts are highly altered. Grey chert-like clasts imply primary hydrothermal origin.

Rhyolite breccia. Brecciated with fragments of rhyolite in a matrix of fine grained glass. Matrix is a fine grained glass.

Hypox-2 Typical hydrothermal breccia. This unit is strongly pyritized and stained. Still in-situ as shown on permeability of Rhyolite clasts.

Hypox-2. Poorly sorted breccia. Olive green matrix contains a variety of clast types. Clasts are angular and range to 15 diam. Rhyolite clasts are common. No significant alteration noted.

Rhyolite breccia. Dark grey colored with siliceous matrix of clay altered rhyolite. Many of lapilli shards-like clasts may be altered glass.