

Core Summary

CONGLOMERATE (100%): Rounded polygenetic cobbles to pebbles as rubble and as solid conglomerate. Grain sizes vary from 4.25" cobble to granules. Solid conglomerate matrix xenoblastic. General composition is green schists and gray to gray-white quartzites with one angular, holohyaline, black obsidian cobble of 2" diameter found in upper 5" of core. Matrix is schistose and is dominantly chloritic with variably abundant calcite and pyrite. Tan kaolins (?) variably common in matrix with variably abundant black augite (?) and traces of dodecahedral garnet. Calcite also as encrustations. Trace cubic pyrite. Matrix schistosity maximum at base of core. "Milky" quartz veins common in, and restricted to, quartzites. This conglomerate is a rudaceous sediment with a hydrothermally metamorphosed matrix.

Refer to detailed description and summary diagram of the core, Figure 5, and the Composite Log - Enclosure 1 in pocket.