

ilmenite partly altered to white opaque leucoxene. Rare larger grains of quartz up to 2 mm across may be seen.

The brown material is much finer grained consisting of quartz grains averaging .01mm, mixed with a great deal of limonitic material and oriented flakes of white mica.

Core 3.

The rock is a pale brown mudstone with organic remains.

In thin section the specimen is a very fine grained mixture of quartz and sericite stained with limonite. Angular grains of quartz up to .02 mm are common but most of the material is much finer grained. Calcite from the organic remains constitutes an appreciable proportion of the rock.