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Microscopic -

Texture -

Equant to slightly elongated, subangular to subrounded clastic grains comprise approximately 70% of the specimen. Grain size varies from 1/5 to 1/10 millimetres, and the rock is well sorted.

Mineralogy -

Clear quartz comprises the major part of the rock, with minor amounts of weathered K-feldspar and elongate muscovite flakes. Black and brown carbonaceous material is concentrated in bedding planes. There are minor amounts of cloudy secondary carbonate and traces of zircon and hornblende. Matrix is composed of finely divided clay and sericite.

SPECIMEN 65 - 16 - 7696 feet.

Megascopic -

The specimen is a light grey, soft to friable, very fine grained Sandstone.

Microscopic -

Texture -

The specimen is composed of equant to slightly elongated, subangular to subrounded, well sorted clastic grains, which make up approximately 70% of the rock. Grain size varies from 1/10 to occasionally 1/5 millimetres.

Mineralogy -

Clear quartz is the major primary constituent. K-feldspar comprises about 10-15% of the rock and is generally highly weathered, often completely reduced to sericite. Elongate muscovite flakes are arranged along bedding planes, and black carbonaceous material is scattered throughout the rock. There are irregular aggregates of cloudy carbonate, and a rare trace of hornblende. Matrix is finely divided clay and sericite.