

8370' - 8640'

This interval is mostly massive sandstone interbedded with minor shale and coal. Two types of sandstone are recognized.

A conventional core was cut over the interval 8373' to 8425'. This lithotype extends over the interval 8370' to 8422' and 8560' to 8640'. The core is described as follows:

8373' to 8385'; sandstone, apple green, fine to medium with coarse grains, subangular to subrounded, poorly sorted, massive.

8385' to 8387'; conglomerate with chert (?) and quartzite pebbles in very fine to very coarse green matrix of sandstone.

8387' to 8396'; sandstone, light green, very fine to very coarse, subangular to subrounded, non-calcareous.

8396' to 8412'; sandstone, grey-white

8412' to 8422'; sandstone, green-grey, fine to coarse, silty, subangular, micaceous, cleavage fractures.

8422' to 8424.5'; coal

8424.5' to 8425'; shale, dark grey, silty, sandy, very carbonaceous, wood fragments.

A petrographic description at 8374' refers to a lithic sandstone, cemented with silica-chlorite and by the break-down or distortion of lithic fragments, well sorted, angular to subrounded. At 8376' the rock is described as lithic, pebbly sandstone or conglomeratic greywacke with igneous, sedimentary and metamorphic components.

<u>Depth (ft)</u>	<u>Lithology</u>	<u>Porosity %</u>	<u>Permeability (md)</u>
8380	Sand	16.0	0
8387	Sand	16.0	0
8394	Sand	11.0	0
8401	Sand	12.0	0