

6931-6932.5 Shale: as above (22-26)

6932.5-6933 Sandstone: as above
No apparent dip.

Microscopic

6903-6905.5 Shale: mottled, light grey to light brown, micaceous, carbonaceous, carbonaceous material occurs as thin discontinuous laminae on film, sub parallel and vertical to the bedding plane, very slightly dolomitic.

6905.5-6906 Shale: medium grained, brown to black, micaceous, carbonaceous, some slickenside.

6906-6920 Shale: medium grained, micaceous, carbonaceous as 03-05.5

6920-6920.5 Sandstone: mottled black, medium grained, very fine to medium to coarse, very shaly, quartz grains, sub rounded to sub angular, poor sorting, numerous detrital coal grains, micaceous, very carbonaceous, tight, no fluorescence, no cut, no odour.

6920.5-6922 Sandstone: mottled, light grey to white, medium to fine, fair sorting to fairly well sorted, slightly calcareous, pink feldspar on dark mineral, smoky quartz (?), much clay matrix material, clay gives white mineral fluorescence, sandstone tight, no porosity or permeability.

6922-6923 Sandstone: as above, carbonaceous, carbonaceous material occurs as thin laminae and film, parallel to bedding.

6923-6924 Sandstone as above, (6920.5-6922), medium to fine to coarse, trace feldspar, pink, slightly calcareous, poor porosity, nil permeability.

6924-6926 Shale: light brown, micaceous, carbonaceous as above.

6926-6927 Sandstone: light grey, fine to coarse, sub rounded to sub angular, numerous coal and shale grains, poor sorting, clay choked, matrix 20%, tight, slightly calcareous.

6927-6930 Sandstone: light grey, coarse to fine, chiefly coarse, fair sorting, sub rounded to sub angular, slightly calcareous, numerous coal grains, clay choked, trace shotty, porosity and permeability low to nil.

6930-6931 Shale: light grey, micaceous, carbonaceous, silty.

6931-6932.5 Shale: brown, micaceous, carbonaceous as above.

6932.5-6933 Sandstone: light grey, fine to medium, sub rounded to sub angular, fair sorting, micaceous, clay choked (20%) slightly calcareous.

Core No. 11 7433-7453 Cut 20' Recovery 20'

7433-7438 Thinly interbedded shale and sandstone.

Shale: medium grey, in part silty to very finely sandy, micaceous, sparsely pyritic with fine carbonaceous streaks and rare carbonised plant debris.

Sandstone: grey white to buff, coarse grained to granular, sub angular to rounded, generally fairly well sorted, but with scattered rounded to sub rounded fine pebbles of quartz, trace dark grey shale and carbonaceous grains, micaceous, rare accessory tourmaline, moderately abundant white clay matrix. Moderately hard, porosity good, permeability fair, no odour, taste or fluorescence.

Sandstone: grey white to buff, fine to medium grained as above.

Section shows affects of hydroplastic flow with boudinage, microfaulting and in places complete intermixing of the lithologies, described above.