

LITHOLOGICAL SUMMARY:

Core No. 13 7903 - 7914 ft. Cut 11 ft. Rec. 5 ft.

Evidence of contact metamorphism. Thinly bedded laminated sandstone, quartzite and shale

Quartzite. light dark grey to black; very finely crystalline sparsely pyritic, dense, very hard

In part appearance of solidified breccia

No trace of original grain structure.

Shale. dark grey to black in part silty carbonaceous dense hard with definite baked appearance

Sandstone. light to dark grey fine to very fine argillaceous in part cemented in part much silica overgrowth crystals quartz euhedral. Hard, no porosity or permeability.

Vugs throughout core rough scoria texture lined with euhedral quartz

Rare discontinuous and discordant veins of quartz:

Bedding is flat.

7914 - 7946 ft.

Cuttings indicate over 50% quartzite

7974 - 7946 ft. Core No. 14 Cut 4 ft. Rec. 4 ft.

Massive metamorphosed black shale small bodies of quartzite, more indurated than Core 13.