

PETRO-CANADA ET AL SHELBURNE G-29

4.9 DETAILED SAMPLE DESCRIPTION

<u>From</u>	<u>To</u>	<u>Description</u>
1616	1620	Sandstone: (80%) clear, coarse grained, moderate sorting, unconsolidated, no shows, subrounded clear and vitreous quartz, scattered subfissile, in part glauconitic, occasionally black chert grains. Shale: (20%) dark grey
1620	1625	Sandstone: (80%) as above. Shale: (20%) as above.
1625	1630	Sandstone: (100%) off white to grey brown, very fine to coarse grained, poorly sorted, poor to fair intergranular porosity, no shows, angular to subrounded, clear and vitreous quartz, pink feldspar and scattered glauconite grains, trace limestone fragments, unconsolidated to well cemented with calcite.
1630	1635	Sandstone: (80%) as above. Claystone: (20%) light brown, calcareous, soft, occasionally silty.
1650	1655	Claystone: (70%) as above. Siltstone: (30%) as above.
1675	1680	Claystone: (90%) as above Limestone: (10%) as above

1715

1720

Shale: (60%) as above. Claystone: (30%) as above. Sandstone: (10%) off white, very fine grained, moderate sorting, no visible porosity, no shows, clear quartz, scattered glauconite grains, calcite and silica cement.

1720

1725

Shale: (50%) as above. Claystone: (40%) as above. Sandstone: (10%) as above.

1725

1730

Shale: (50%) as above. Claystone: (40%) as above. Sandstone: (10%) as above.

1900

1905

Claystone: (70%) grey brown, soft, silty, very slightly calcareous, occasionally shaly, scattered white thin shell fossil fragments. Sandstone: (30%) grey brown, fine to coarse ll grained, poorly sorted, slight intergranular porosity, no shows, subrounded to rounded clear quartz, black chert and glauconite grains, claystone matrix cement, weakly cemented.

1905

1910

Claystone: (80%) as above. Sandstone: (20%) as above.