

## C.M. &amp; A. PETROLOGICAL LABORATORIES

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ESSO EXPLORATION AUSTRALIA INC.

BASS NO. 1 CORE NO. 15

SPECIMEN 65 - 14 - 7693 feet.

## Megascopic -

The specimen is a light grey, moderately soft, fine grained sandstone.

## Microscopic -

## Texture -

The specimen is composed of equant, subangular to subrounded clastic grains. Sorting is good and grain size varies from 1/10 to 1/5 millimetres. Framework material makes up 70-80% of the rock.

## Mineralogy -

Clear quartz is the major constituent, with a minor amount of K-feldspar, slightly to highly weathered. Black and brown carbonaceous material is concentrated in bedding planes and muscovite flakes are commonly associated with it. Most flakes have been somewhat distorted by compaction processes. Accessory minerals are well rounded zircon, with traces of hornblende. The matrix is finely divided clay and sericite.

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