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### ABSTRACT

Between 7th and 9th June and 16th and 17th June, 1992, Associated Surveys International conducted an echo sounder and side scan sonar survey over a 3km by 3km site centred on the proposed King 1 location with given co-ordinates of:

Latitude: 39 deg 35 min 24.44 sec South

Longitude: 145 deg 31 min 8.8 sec East

Eastings: 372836.072

Northings: 5616670.92

100m spaced primary lines were surveyed on a bearing of 160/340 deg, and cross lines were surveyed at 250 m spacing.

Echo sounding results show the seabed across the site to be almost flat, mostly varying between 72.0 and 73.0 metres.

At location a depth of 72.2 is recorded.

Preliminary side scan sonar interpretations show no protuberances or debris on the seabed over the site and no evidence of gas seepage is noted.

The side scan sonar records show the seabed to have low to moderate uniform reflectivity, interpreted as indicating uniform mostly fine grained sediments.

There are very weak striations trending west northwest to east southeast across the site interpreted as slight grain size sorting of the sediments by the current into extremely low sand wave type structures.

Anchor drag marks are in evidence in the northeast corner of the site, and there are some small, poorly defined, more reflective patches 1200 m west northwest of the location, which may be either weed or coarser sediments exposed by current scouring.