



SECTION I

INTRODUCTION

A marine seismic reflection survey was conducted by the M.V. Eugene McDermott II in the Portland King Island area for HEMATITE PETROLEUM PTY. LTD. between 26 OCT. 72 and 29 OCT. 72.

166.68 miles of 48-fold reflection coverage were shot utilizing a 3200 meter streamer under continuous tow in conjunction with a Pneumatic Acoustic Energy Source (Airguns), generally operating 24 hours per day.

Recordings were made using two sets of 24 trace DFS III's, with 3 tape transports recording on 1" magnetic tape in 21 trace TIAC* Binary Gain Digital Format at 712 b.p.i. Record length was 5 seconds. In all instances the sample rate was 4 milliseconds.

The ship's location was determined by Geonav II.

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