



SECTION I

INTRODUCTION

A marine seismic reflection survey was conducted by the M.V. "Eugene McDermott II" in the Cape Otway - Cape Nelson (Bass Strait) for Hematite Petroleum Proprietary Limited between 15th September, 1973 and 22nd October, 1973.

Approximately 1800 miles/2900 kilometres of 72-fold reflection coverage were shot utilising a 3200 metre streamer under continuous tow in conjunction with a Pneumatic Acoustic Energy Source (Airguns), generally operating 24 hours a day.

Recordings were made using two sets of 24 trace DFS III's with 3 tape transports recording on 1" magnetic tape in 21 track TIAC* Binary Gain Digital Format. Record length varied from 5 seconds to 7 seconds mainly according to water depth. In all instances the sample rate was 4 milliseconds.

The ship's location was determined by XR-Shoran. Shotpoint co-ordination was determined by Geonav II*.

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