

TABLE OF CONTENTS

- 1.0 INTRODUCTION
- 2.0 THE DATA BASE
- 3.0 THE GEOLOGICAL SYNTHESIS OF GEOPHYSICAL DATA
 - 3.1 TECTONIC EVOLUTION
 - 3.2 THE OTWAY RIFT PHASE
 - 3.3 THE OTWAY DRIFT PHASE (PART 1)
 - 3.4 THE RELATIONSHIP BETWEEN RELATIVE SEA LEVEL CHANGES, DEPOSITION IN NON-MARINE BASINS, AND UNCONFORMITIES
 - 3.5 THE OTWAY DRIFT PHASE (PART 2)
 - 3.5.1 Cenomanian Deposition Within the Durroon Sub-Basin
 - 3.5.2 Cenomanian Deposition Within the Bark Sub-Basin
 - 3.5.3 Cenomanian Deposition Within the Boobyalla Sub-Basin
 - 3.6 THE OTWAY DRIFT PHASE (PART 3)
 - 3.6.1 Cenomanian - Turonian Deposition Within the Durroon Sub-Basin
 - 3.6.2 Cenomanian - Turonian Deposition Within the Bark Sub-Basin
 - 3.6.3 Cenomanian - Turonian Deposition Within the Boobyalla Sub-Basin
 - 3.7 THE TASMAN RIFT PHASE
 - 3.8 THE TASMAN AND OTWAY DRIFT PHASE
 - 3.8.1 Top of Cretaceous to Eocene-Oligocene
 - 3.8.2 Near Top of Cretaceous Unconformity (Enclosure 3)
 - 3.8.3 Near Top of Palaeocene Unconformity (Enclosure 4)
 - 3.8.4 Base Torquay/Top Demons Bluff Formation (Enclosure 5)
- 4.0 HYDROCARBON POTENTIAL
 - 4.1 SOURCE AND RESERVOIR ROCKS
 - 4.2 SEALS
 - 4.3 MATURITY
- 5.0 PROSPECTS
 - 5.1 POST-DEPOSITIONAL, DETACHED, ROLL-OVER STRUCTURES IN THE BOOBYALLA SUB-BASIN
 - 5.1.1 The Shape of the Growth Faults as a Means of Determining the Sand-Shale Ratio
 - 5.2 THE UPDIP CULMINATIONS OF ROTATED FAULT BLOCKS IN THE BOOBYALLA SUB-BASIN
 - 5.3 THE PINCHOUT EDGE OF THE CENOMANIAN WITHIN THE BARK SUB-BASIN
 - 5.4 EOCENE STRUCTURES WEST OF CHAT-1
- 6.0 CONCLUSIONS AND RECOMMENDATIONS