



Offshore Ar.naj part-II\*

**MAGNETIC BASEMENT**

CONTOUR INTERVAL - 1000 FEET  
TOTAL MAGNETIC INTENSITY

AEROMAGNETIC SURVEY - OFFSHORE TASMANIA

EXPLORATION LICENSE 1/60 B 16/65

ESSO EXPLORATION AUSTRALIA INC.

SCALE 1:250,000



1	2
3	4

MAGNETIC BASEMENT ESTIMATES 1100 MGA LEVEL DATUM  
FROM OBSERVATION ANOMALY  
± 5000 - 10000 - 15000 - 20000 - 25000 - 30000 - 35000 - 40000 - 45000 - 50000 - 55000 - 60000 - 65000 - 70000 - 75000 - 80000 - 85000 - 90000 - 95000 - 100000  
OUTLINES AND EDGES OF PLATES FROM SUBMERGED  
CONTINENTS BY 2000m POLARIZATION CONTRAST  
100 METER THICKNESS IN FEET  
800 VERTICAL THICKNESS IN FEET  
MAGNETIC MATERIAL WITH SCHEMATIC SECTION  
30 METER THICKNESS IN FEET  
FROM 5000 METER DATUM IN FEET  
REGIONAL MAGNETIC BASEMENT FAULT

TRANSVERSE INTERVAL - 2 NAUTICAL MILES (APPROX)  
CONTROL LINE INTERVAL - 5 NAUTICAL  
FLIGHT ALTITUDE - 1500 & 3000 FEET A S L  
CONTOUR INTERVAL - 10 GAMMA  
BASE INTENSITY - 10000  
REGIONAL VARIATION CORRECTION APPLIED  
PROJECTION - TRANSVERSE MERCATOR

DEVONIAN GRANITE

INTERPRETATION BY GEOPHYSICAL ASSOCIATES INTERNATIONAL  
SHEET 1 17