

SUMMARY

The survey was flown and completed by Aero Service Limited and interpreted by Geophysical Associates Pty. Ltd. A total of 1874 miles of single flight lines approximately perpendicular to the coast line were flown and are incorporated in this report.

The analysis of the aeromagnetic data is based upon a method of model comparison developed by GMX which includes both intrabasement and suprabasement model representing thick prisms and thin plates of magnetic rock. Such rocks, igneous or metamorphic, ordinarily underlie a sedimentary section. The interpretation attempts to show the volume of sediment within the area that may be potentially productive of oil or gas by mapping this basement - sedimentary interface.

The results are shown on a Magnetic Basement Map contoured at 1000 ft intervals from the computed depth estimates. These range from +1200 ft onshore to a maximum of -14,200 ft offshore.

Three prospective areas have been recommended as worthy of further geophysical investigation.