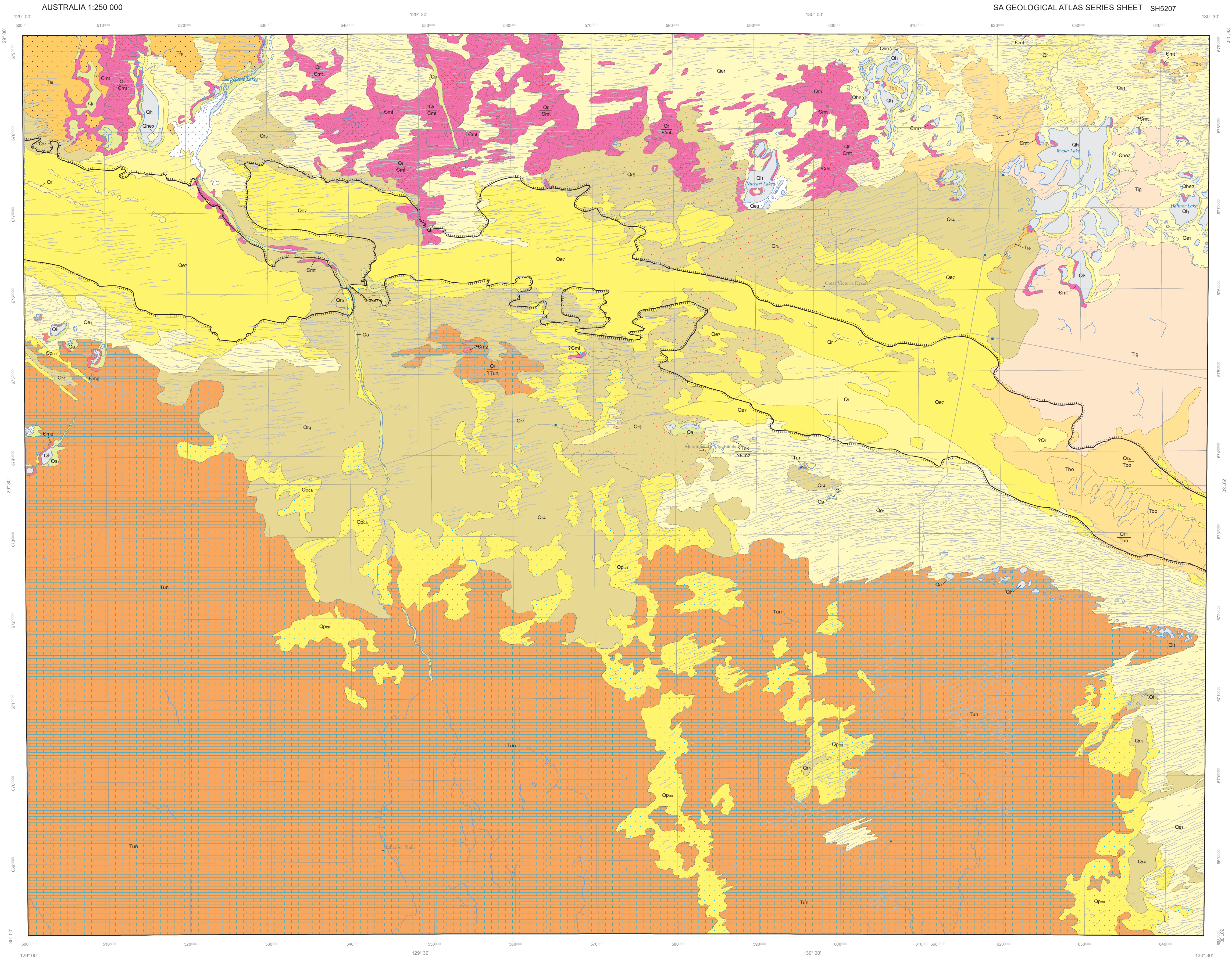


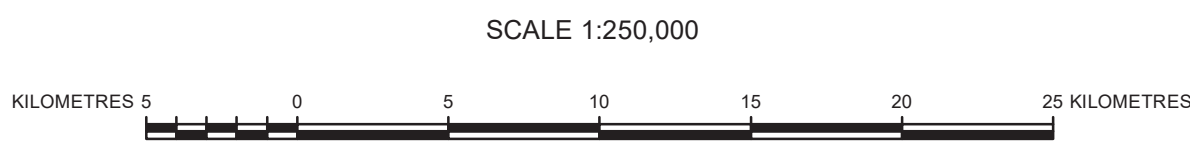
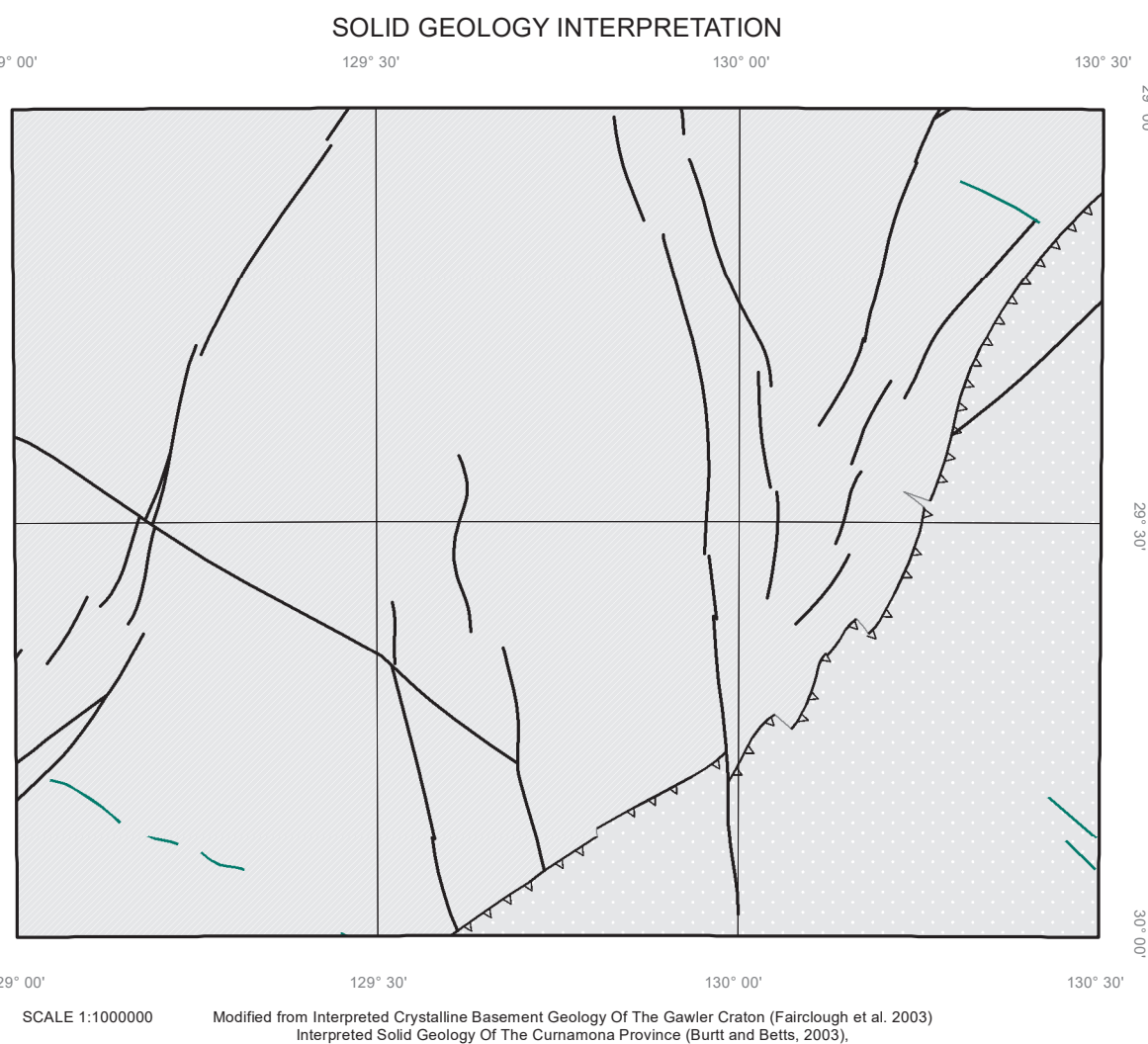
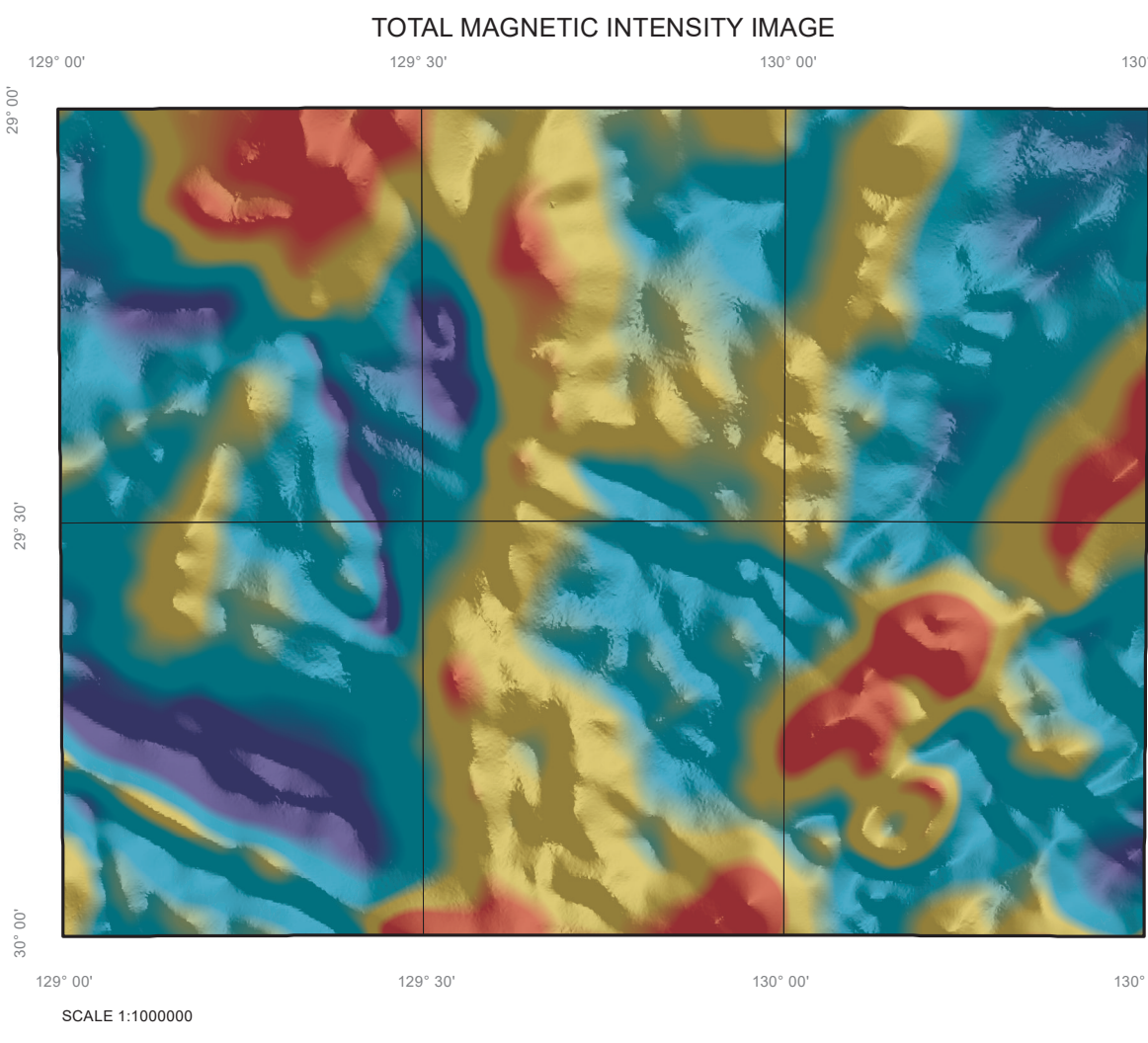
WYOLA

GEOLOGICAL SURVEY OF SOUTH AUSTRALIA
DEPARTMENT FOR ENERGY AND MINING



REFERENCE

HOLOCENE	
Qh ₁	HOLOCENE AELIAN UNIT 3: Holocene sand spread.
PLEISTOCENE-HOLOCENE	
Qa	QUATERNARY ALLUVIAL/FLUVIAL SEDIMENTS: Undifferentiated Quaternary alluvial/fluvial sediments.
Qh ₁	QUATERNARY AELIAN UNIT 1: Quaternary dune/field sands.
Qh ₂	QUATERNARY AELIAN UNIT 3: Quaternary gypsiferous dune/field sands.
Qh ₃	QUATERNARY AELIAN UNIT 7: Undifferentiated Quaternary, largely calcareous sand in the transitional area between the Nullarbor Plain and Great Victoria Desert. BARTON sheet.
Ql ₁	QUATERNARY LACUSTRINE/PLAYA UNIT 1: Quaternary playa sediments.
Qr	QUATERNARY RECOLTHICOLLUVIAL SEDIMENTS: Undifferentiated Quaternary colluvial/ephemeral sediments.
Qr ₄	QUATERNARY RECOLTHICOLLUVIAL UNIT 4: Quaternary calcareous sandy regolith. Interpreted from Landsat imagery. MOORINA, WELLS, WYOLA.
Qr ₅	QUATERNARY RECOLTHICOLLUVIAL UNIT 5: Quaternary ferruginous sandy regolith. Interpreted from Landsat imagery. MOORINA, WELLS, WYOLA.
PLEISTOCENE	
Qp _{1a}	PLEISTOCENE CALCAREOUS: Undifferentiated Pleistocene calcareous.
MIOCENE-PLEISTOCENE	
Tg	GARFORD FORMATION: Mudstone, carbonate, stromatolite, oncoid and siltstone, gypsiferous, minor sandstone and grit horizons. Upward change from argillaceous to carbonate mudstone. Lacustrine to flood plain.
Tu ₁	NULLARBOR LIMESTONE: Limestone, bioclastic, micritic. Subtidal, platform, above low weather wave-base.
Tsk	KASABA FORMATION: Sandstone, fine grained, sponge spicules, laminar, cross lamination, vertical Shufeldtius burrows, small ripple.
Tso	GOLDEA SAND: Sand, medium-grained, quartz, well sorted, well rounded, fossiliferous, trace quantities of heavy minerals. Aerial dunes.
TERTIARY	
Tt ₁	TERTIARY FERROCRETE: Undifferentiated Tertiary ferronites.
CAMBRIAN	
Cm ₁	TRANOR HILL SANDSTONE: Sandstone, well-sorted, sandstone, micritic, calcareous, white, grey, red-brown, siliceous and opaline, calcareous, red-brown, pebbly horizons.
Cm ₂	MAURA GROUP UNIT 2: Siliceous, sandstone, shale, limestone, conglomerate and siltstone. Siliceous matrix, fossil, siliceous, play, well-sorted, calcareous, red-brown, pebbly horizons.



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2020

Topographic detail based on TOPO-250K GEODATA (source scale 1:250 000) supplied by Geoscience Australia - National Mapping Division, ACT. The relationship between this data and DEM data is not guaranteed.

Computer generated from SA GEOLOGY database (Digital data available upon request)
Current version 2018 Digital

Product of Spatial Information Services, Published by, and with the authority of, the Department for Energy and Mining SA.

Grey numbered lines indicate the 10000 metre Map Grid Transverse Mercator Projection, Geocentric Datum Australia, 2020.

The lake boundaries displayed on this map may have been derived from geological interpretation and may not match lakes interpreted by topographic mapping authorities. Not all structures are represented on the particular sheet.

Mapping and Compilation by G. W. Krieger, B.Sc. (Hons), from LANDSAT imagery with limited ground control, with contributions from M.C. Benbow, B.Sc., and G.M. Pitt, B.Sc.

R.C. Coburn, Director, Geological Survey of South Australia.

Geological boundaries displayed on this map have been derived from geological interpretation and are not intended to be used for navigational purposes.

Copies of this map can be obtained from the Department for Energy and Mining SA, Adelaide 2020.

INDEX TO 1:100 000 SHEETS

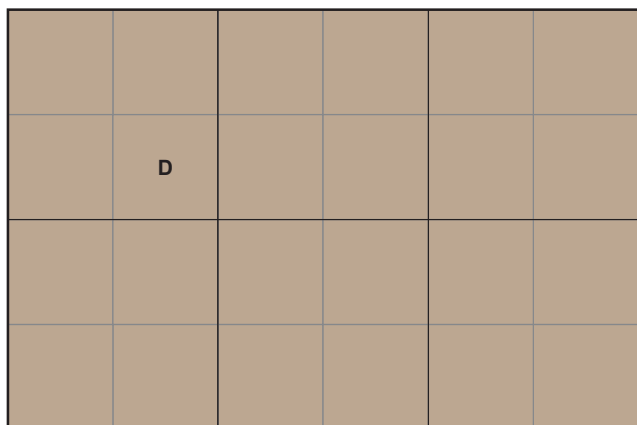
Purlanna 4739	Warranga 4839	Wyola 4939
Tadanya 4738	Tallara 4838	Chibinga 4938

INDEX TO ADJOINING 1:250 000 SHEETS

Magnetic Declination 2000
(Annual variation +1.4 minutes)

MOORINA	WELLS
WYOLA	MAURICE
COOR	GOLDEA
LAKE	LAKE

GEOLOGICAL RELIABILITY DIAGRAM



Wyola sheet preliminary published 1970
1996 update using Landsat for Offshore basin project with AGSO

A. Detailed ground traverses
B. Image interpretation with limited ground traverses
C. Image interpretation with potentially some minor ground traverses
D. Image interpretation only

DIGITAL EDITION
SUBJECT TO AMENDMENT
See published printed map for further information

GEOLOGICAL BOUNDARY

GEOLOGICAL BOUNDARY POSITION ACCURATE _____
GEOLOGICAL BOUNDARY POSITION APPROXIMATE _____

LINEAR STRUCTURES

ESCARPMENT _____
ESCARPMENT APPROXIMATE TOPOGRAPHIC _____
DEPRESSION _____
TREND-LINE _____

CULTURAL FEATURES

VEHICULAR TRACKS _____
IDENTIFIED POINT _____

HYDROGRAPHIC AND GEOMORPHIC FEATURES

LAKE _____
INTERMITTENT LAKE _____
MINOR WATERCOURSE _____
WATER TANK _____
SAND RIDGE _____