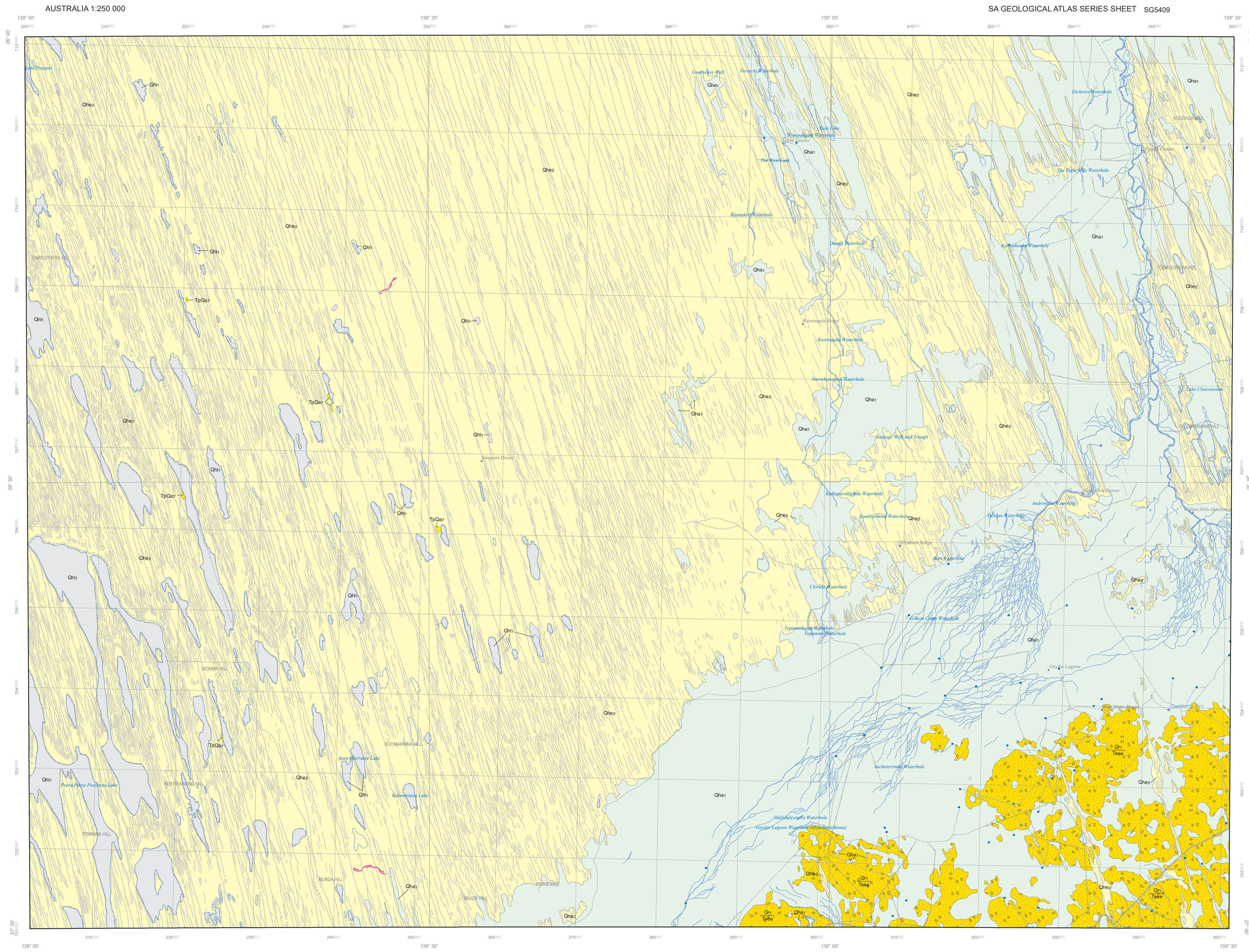


PANDIE PANDIE

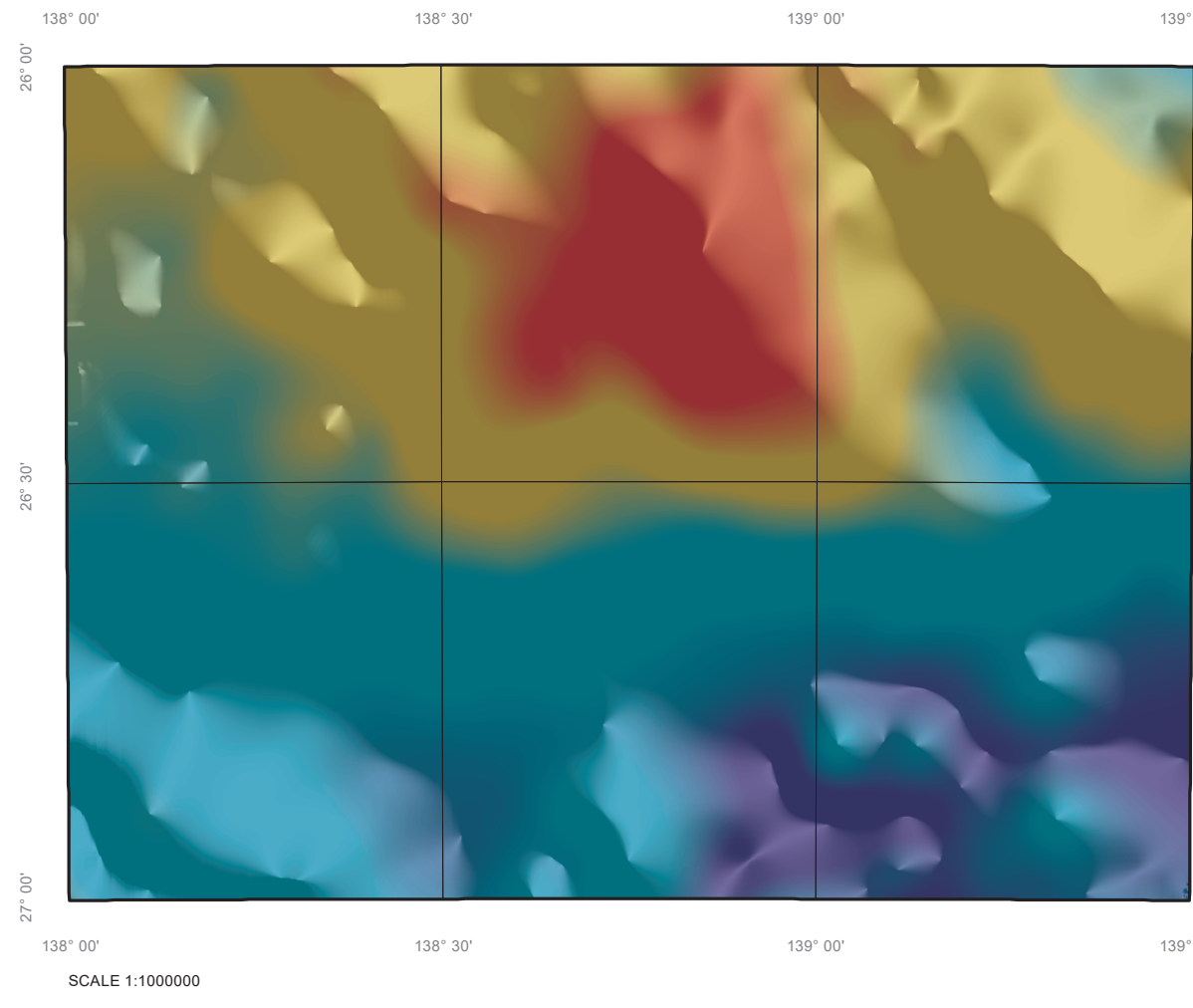
GEOLOGICAL SURVEY OF SOUTH AUSTRALIA
DEPARTMENT FOR ENERGY AND MINING



REFERENCE

HOLOCENE	
Qhe1	HOLOCENE ALLUVIAL/FLUVIAL UNIT 1: Present day Holocene alluvium, current bedload
Qhe2	HOLOCENE AECLEAN UNIT 2: Holocene sand capping dunes in lowlands
Qhe3	HOLOCENE LACUSTRINE/PLAYA UNIT 3: Holocene playa sediments
PLEISTOCENE-HOLOCENE	
Qhe4	QUATERNARY REGOLITH/COLLUVIAL UNIT 4: Quaternary glacial-marsh column. Based on Q or MURLOCOPPE
PLIOCENE-PLEISTOCENE	
Qhe5	PLIOCENE-PLEISTOCENE ALLUVIAL/FLUVIAL UNIT 5: Sand, clay, silt/clayey, consolidated, in channels, some with coarse, pebbled, in places. Clay, coarse sand, green sand of Lake Eyre. Fluvial and lacustrine. Pleistocene to Quaternary
PALEOCENE-EOCENE	
Qhe6	CLAYE FORMATION: Pyritic, calcareous sand, grain-size ranges from silt to small cobble, with beds of lignite and clay. Clays are nonconsolidated, friable and fine, broad streams

TOTAL MAGNETIC INTENSITY IMAGE



The Total Magnetic Intensity Image has been compiled using aeromagnetic data from the Department for Energy and Mining, South Australia. Aeromagnetic data have been merged, gridded and image generated by the Geological Survey of South Australia.

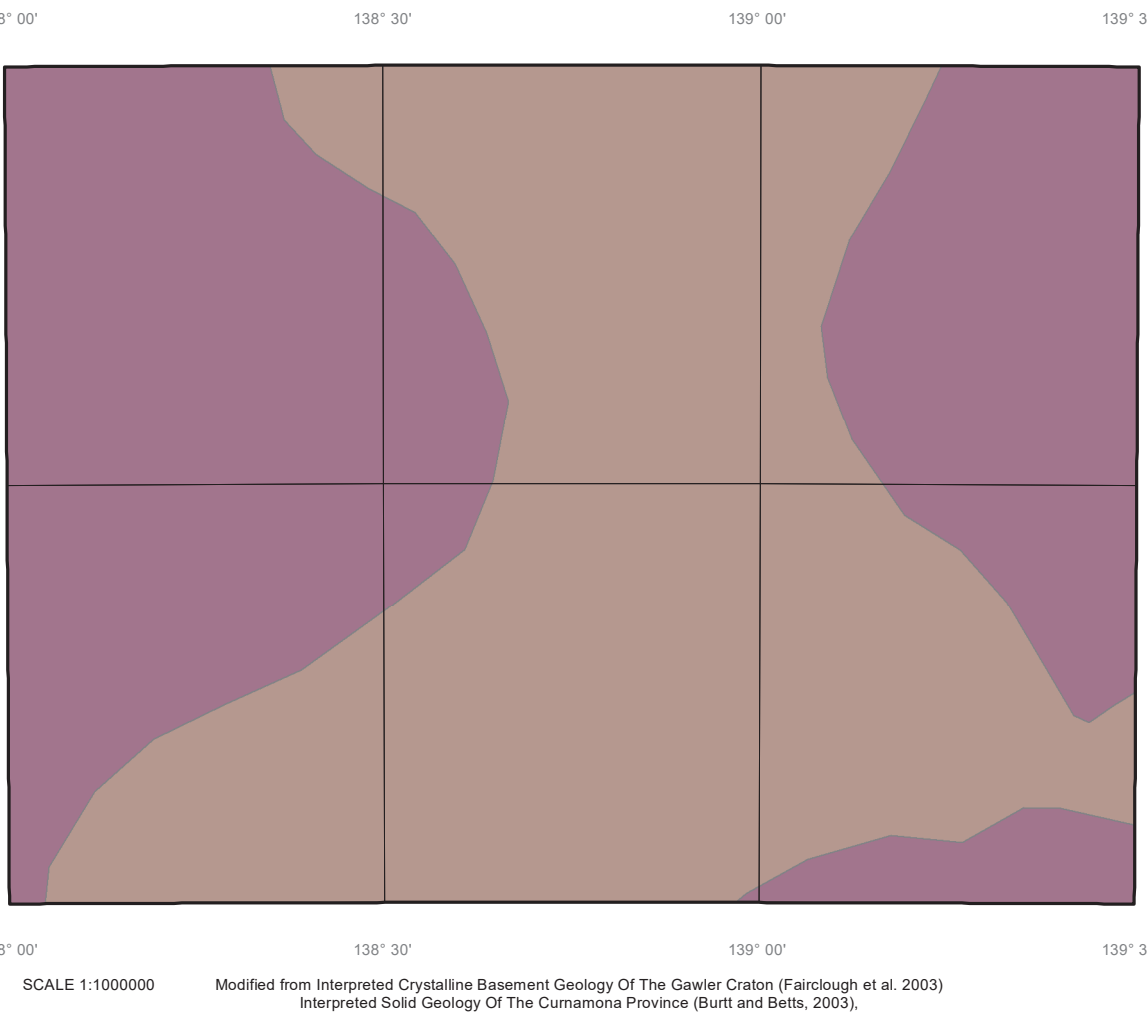
nTesi

-48,507 22,087 198,344

-105.501 22.087 149.675

A two standard deviation contrast stretch has been applied to the raster image above.

SOLID GEOLOGY INTERPRETATION



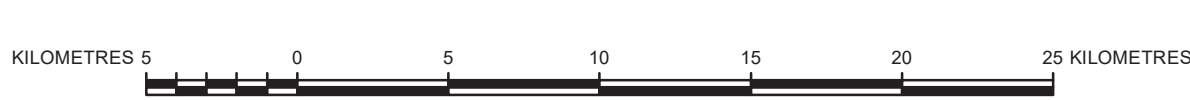
Modified from Interpreted Crystalline Basement Geology Of The Gawler Craton (Faulstich et al. 2003)
Interpreted Solid Geology Of The Gawler Craton (Burt and Bell, 2003)
Mangrove Block, Central Australia, regional geology from interpretation of aeromagnetic data (Dunbar and Newton, 2003), Solid Geology South Australia (Corney, 2006).

Solid Geology

EOu Outlying Group

N Neoproterozoic rocks

SCALE 1:250,000



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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.

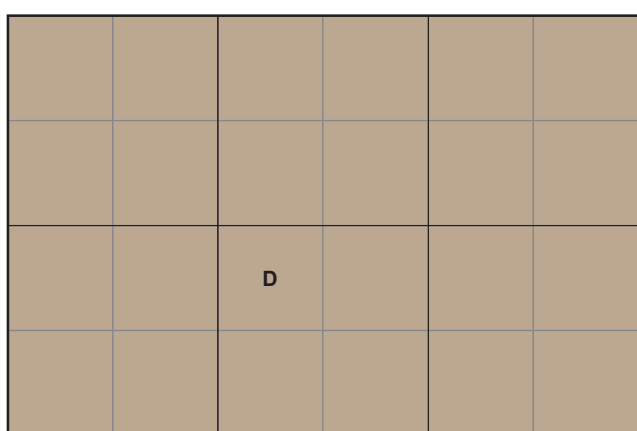
Mapping and Compilation by A.F. Williams, B.Sc.(Hons), Regional Geology by A. Mond, and (Bureau of Mineral Resources, Geology and Geophysics)

R.C. Cobcroft, 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.

GEOLOGICAL RELIABILITY DIAGRAM



Pandie Pandie sheet published 1973

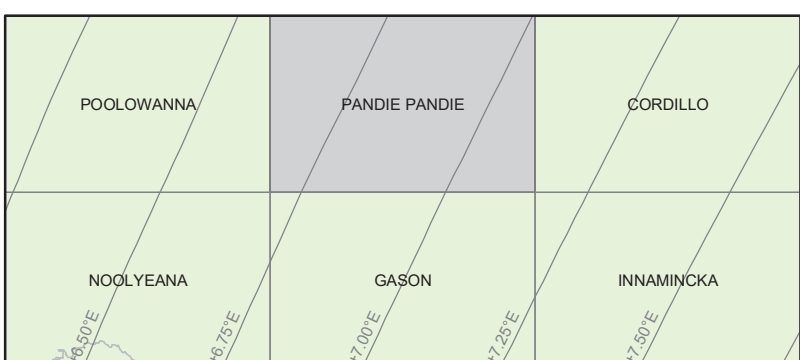
A Detailed ground traverses
B Image interpretation with limited ground traverses
C Image interpretation with potentially some minor ground traverses
D Image interpretation only

SCALE 1:250,000

INDEX TO 1:100 000 SHEETS

Lake Poopell	Alton Down	Pandie Pandie
6545	6645	6745
Koonaminna	Goyder Lagoon	Diamantina
6544	6644	6744

INDEX TO ADJOINING 1:250 000 SHEETS
(Magnetic Declination 2000
(Annual variation +1.4 minutes)



CULTURAL FEATURES	
PRINCIPAL ROAD	—
VEHICULAR TRACKS	—
FENCE	—
IDENTIFIED POINT	●
BUILDING	■
YARDS	□
LANDING GROUND	×
LINEAR STRUCTURES	
PALEOCHANNEL TRACE	—
HYDROGRAPHIC AND GEOMORPHIC FEATURES	
LAKE	—
INTERMITTENT LAKE	—
MAJOR WATERCOURSE	—
MINOR WATERCOURSE	—
FLOODPLAIN	—
SWAMP	—
WATERHOLE	—
BORE	—
WATER TANK	—
SAND RIDGE	—
GEOLOGICAL BOUNDARY	
GEOLOGICAL BOUNDARY POSITION ACCURATE	—