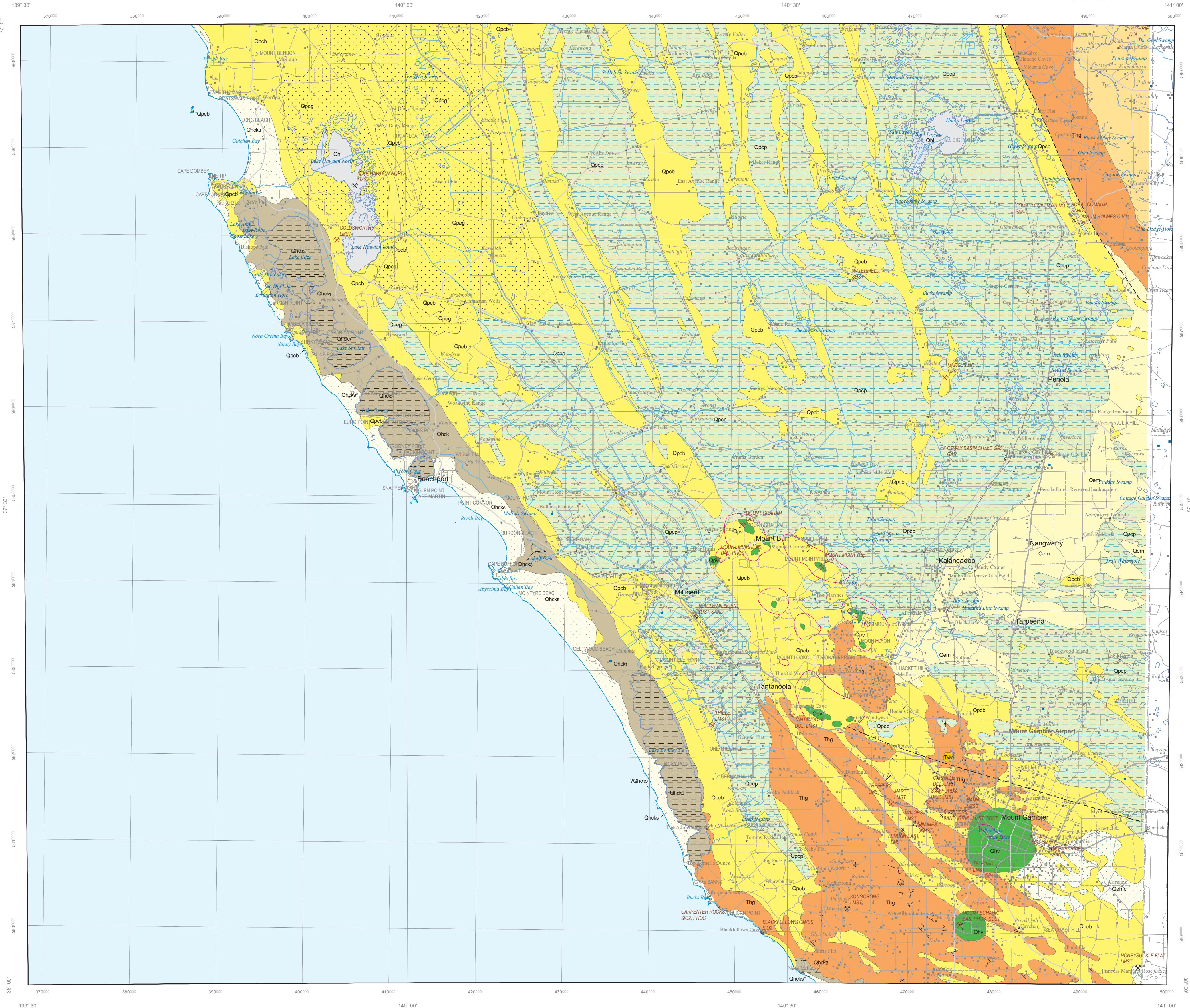


PENOLA

GEOLOGICAL SURVEY OF SOUTH AUSTRALIA
DEPARTMENT FOR ENERGY AND MINING

AUSTRALIA 1:250 000

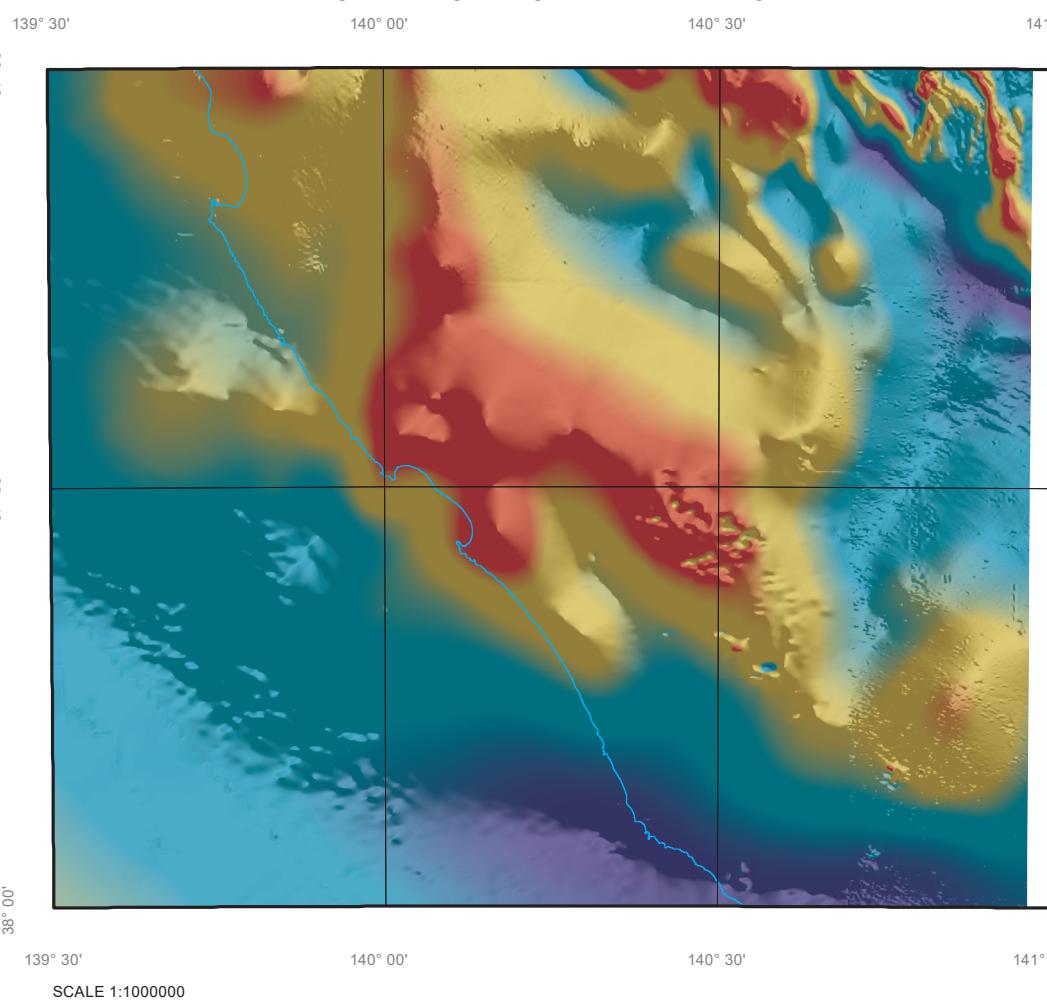
SA GEOLOGICAL ATLAS SERIES SHEET SJ5406



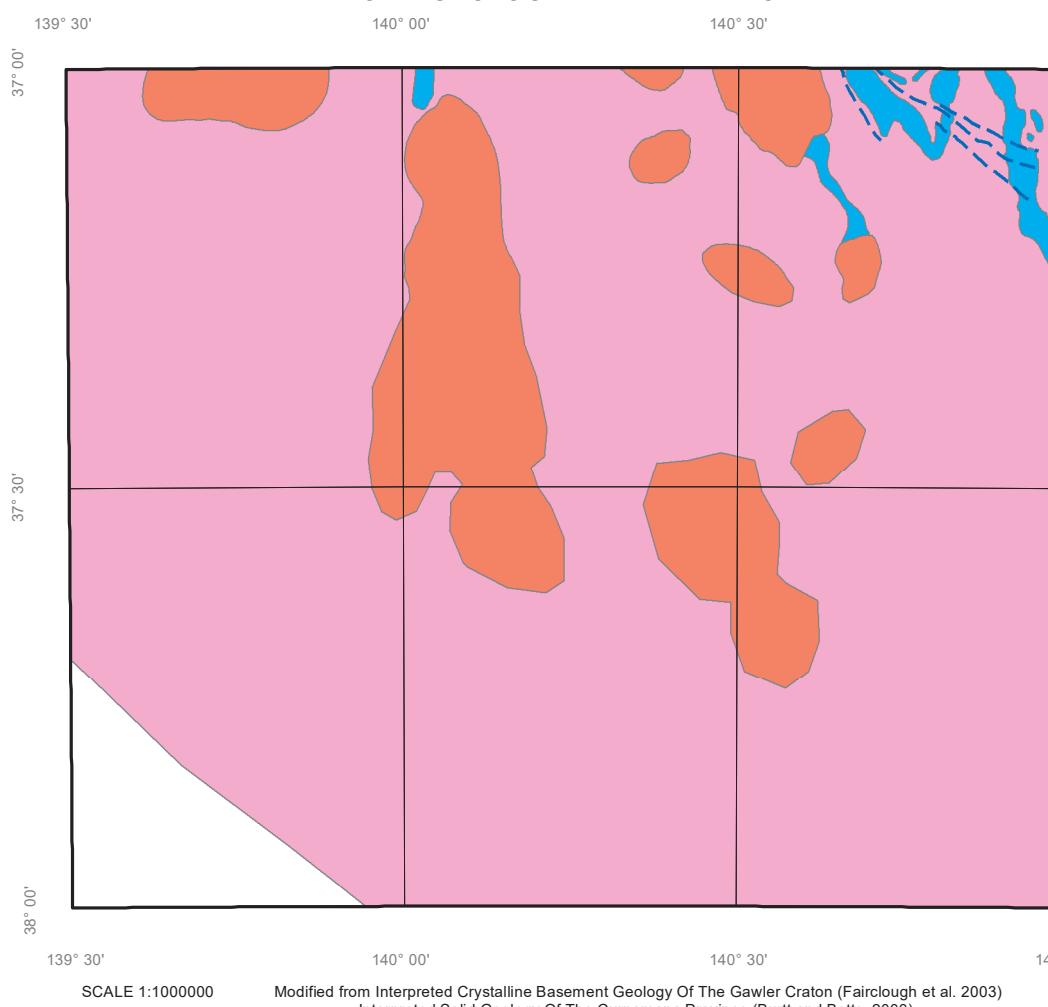
REFERENCE

HOLOCENE
Qshy
SAINTE KILDA FORMATION UNIT 1: Lagoonal, lacustrine sediments, shell beds. South-East geology map revision.
Qshy
SAINTE KILDA FORMATION UNIT 3: Lacustrine, swamp sediments; peat deposits. South-East geology map revision.
Qshs
SEMAPHORE SAND MEMBER: Unconsolidated white bioclastic sand-sILTANITE sand of modern beaches and transgressive dune fields.
Qsh
HOLOCENE LACUSTRI-PLAYA SEDIMENTS: Undifferentiated Holocene lacustrine playas sediments.
Qhv
HOLOCENE VOLCANIC ROCKS: Undifferentiated Holocene volcanic rocks.
PLEISTOCENE-HOLOCENE
Qsh
MOLINEAUX SAND: Sand, pale yellow, fine to medium-grained quartzose.
PLEISTOCENE
Qsh
BROOKWATER FORMATION: Coastal barrier and shallow sub-tidal sediments; bioclastic and pebbled cross-bedded calcarenous, pebbly horizons, often capped by calcrete.
Qsh
GLANVILLE FORMATION: Clay, molluscid shelly; calcarenous, skeletal, dolomitic; greenish; quartz sand, clayey. Fresh-water fossils.
Qsh
COOMANDOOK FORMATION: Limestone, sandstone and clay, bioclastic; beach deposits; shaly and gravelly.
Qsh
PLEISTOCENE VOLCANIC ROCKS: Undifferentiated Pleistocene volcanic rocks.
Trip
PANILLA SAND MEMBER: Sand, fine to medium-grained, unconsolidated, silty, clayey, calcareous, sandy clay; dolomitic, limestone and fossil deposits.
Eocene-Miocene
Thg
GAMIER LIMESTONE: Limestone, fossiliferous. Open marine shelf.
PALEOCENE-EOCENE
Tad
DULWYN FORMATION: Sandstone, ferruginous, partly pyritic silt, fine to medium-grained, carbonaceous dolomite and siltstone.

TOTAL MAGNETIC INTENSITY IMAGE



SOLID GEOLGY INTERPRETATION



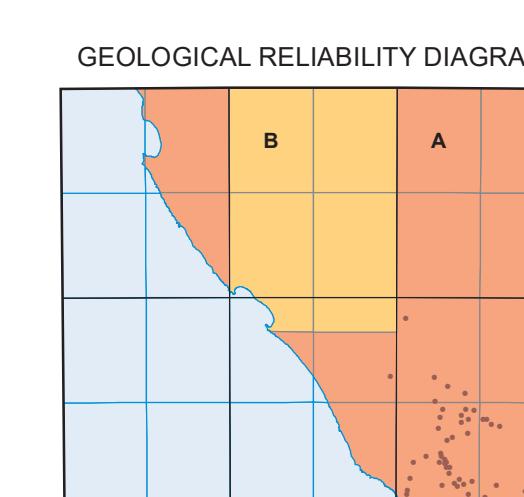
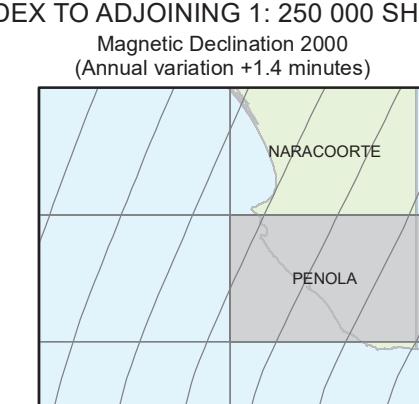
SCALE 1:250 000

KILOMETRES 5 0 5 10 15 20 25 KILOMETRES

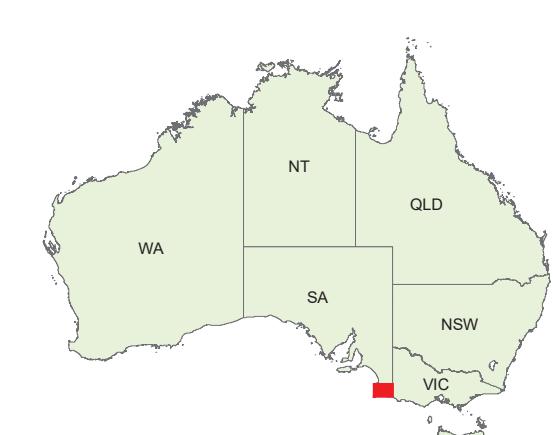
INDEX TO 1:100 000 SHEETS

Robe 6823	Communa 6923	Penola 7023
6822	Millent 6922	Gambier 7022

INDEX TO ADJOINING 1: 250 000 SHEETS



SCALE 1:200 000



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

PRINCIPAL ROAD	—
SECONDARY ROAD	—
MINOR ROADS	—
VEHICULAR TRACKS	—
OPERATIONAL RAILWAY	—
ABANDONED RAILWAY	—
POWERLINE	—
GAS, OIL PIPELINE	—
IDENTIFIED POINT	•
BUILDING	■
STORAGE TANKS	□
LANDING GROUND	○
TOWN OR LOCALITY	○
CULTURAL FEATURES	
OCCURRENCE	●
PROSPECT	×
MINE - METALS AND INDUSTRIAL MINERALS	✗
QUARRY - CONSTRUCTION MATERIALS (HARD ROCK)	✗
PIT/CLUT - CONSTRUCTION MATERIALS (SAND AND/OR CLAY)	✗
MINING	
COASTLINE	—
GEOLOGICAL BOUNDARY POSITION ACCURATE	—
GEOLOGICAL BOUNDARY POSITION APPROXIMATE	—
GEOLOGICAL BOUNDARY	
HYDROGRAPHIC AND GEOMORPHIC FEATURES	
LAKE	○
INTERMITTENT LAKE	○
MAJOR WATERCOURSE	—
MINOR WATERCOURSE	—
FLOODPLAIN	—
SWAMP	—
BORE	●
WATER TANK	—
STRUCTURAL FEATURES	
ORIGINALY HORIZONTAL SEDIMENTARY BEDDING	—
FAULT POSITION APPROXIMATE	—