Department of State Growth
MINERAL RESOURCES TASMANIA

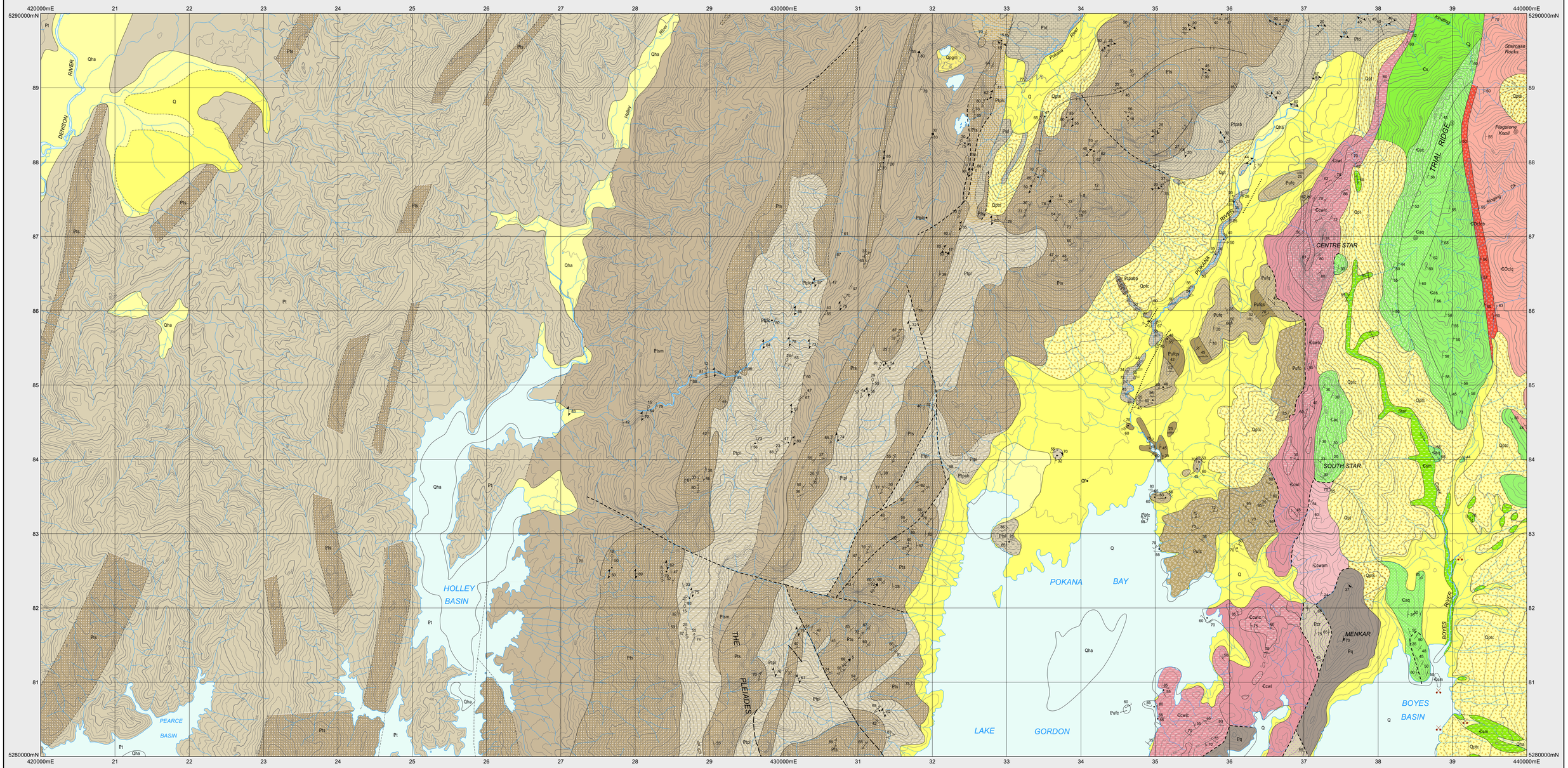
DIGITAL GEOLOGICAL ATLAS 1:25 000 SCALE SERIES
POKANA, SHEET 4228

POKANA

Scale 1:25 000

0 500 1000 1500 2000 2500m

Tasmanian Government



CENOZOIC

QUATERNARY

HOLOCENE

Qha — *Undifferentiated Quaternary sediments (Q). Stream alluvium, swamp and marsh deposits (Qha).*

Qf — *Local occurrence of ferricrete of probable Quaternary age at 434 090mE, 5 283 710mN (Qf).*

PLEISTOCENE

Q — *Talus, till and scree of probable Pleistocene age (Qpt); dominantly quartzite derived (Qpts); dominantly conglomerate derived (Qptc).*

Qpt / Qpts — *Dominantly sandstone derived (Qpts).*

Qpgm — *Pleistocene morainal and associated deposits (Qpgm).*

PALEOZOIC

CAMBRIAN

CAMBRIAN SERIES 3 - FURONGIAN

€Oclq — *Undifferentiated fossiliferous calcareous sandstone, siliceous turbidite quartzwacke, siltstone, mudstone and conglomerate (Singing Creek Beds) (€Oclq); basal siliceous conglomerate (€Oclqb).*

€Oclqb — DENISON GROUP (CORNELIAN BAY FORMATION, OWEN GROUP)

CAMBRIAN SERIES 2

€as — *Interbedded lithic conglomerate with dolomite clasts in some horizons, lithic sandstone, siliceous sandstone and siltstone (Trial Ridge Formation) (€as).*

€aq — *Lithic sandstone turbidite and fossiliferous mudstone (Island Road Formation) (€aq).*

€ac — *Dominantly thickly bedded siliceous granule - cobble conglomerate and siliceous sandstone (€ac).*

TERRENEUVIAN - CAMBRIAN SERIES 2

€s — *Undifferentiated ultramafic rocks (€s).*

€sm — *Massive serpentinite (€sm).*

€s / €sm — ULTRAMAFIC SEQUENCES

€cwam — *Mixtite with angular clasts of purple mudstone and quartzite with lenses of pebbly sandstone, sandstone and siltstone (€cwam).*

€cwl — *Micaceous lithic sandstone of metamorphic and volcanic provenance, mudstone, red mudstone and minor chert (€cwl).*

€cwlc — *Feldspathic wacke with common chert interlayers (€cwlc).*

€cwam / €cwl / €cwlc — RAGGED BASIN COMPLEX (CORNELIAN BAY FORMATION, CLEVELAND - WARATAH ASSOCIATION)

MESOPROTEROZOIC - NEOPROTEROZOIC

Pq — *Massive quartz sandstone, notably quartz rich (Wings Sandstone) (Pq).*

Pcr — *Red siltstone and mudstone (Pcr).*

Pufc — *Schistose pebbly sandstone and conglomerate (Pufc).*

Pufq — *Schistose micaceous quartzwacke and minor phyllite (Pufq).*

Pufqs — *Schistose indurated siltstone (Pufqs).*

Ptd — *Metamorphic rocks, dominantly metaquartzite and metapelite (Ptd). Interlayered fine grained dolomite, limestone, quartz-mica phyllite and mica-quartz phyllite (Ptd).*

Pts — *Dominantly quartzite (Pts).*

Ptsm — *Quartzite with interlayered quartz-mica and mica-quartz phyllite (Ptsm).*

Ptsl — *Platey or schistose micaceous quartzite (Ptsl).*

Ptpl — *Light green-grey quartz-mica and mica-quartz phyllite (Ptpl); with local occurrences of carbonate (Ptplc).*

Ptplc — *Carbonate (Ptplc).*

Ptpab — *Black carbonaceous mica phyllite (Ptpab); with cream and green phyllite (Ptpabp).*

Ptpabp — *Phyllite (Ptpabp).*

Pt — TYENNAN REGION METASEDIMENTARY ROCKS

IGNEOUS ROCKS

€s — *Undifferentiated ultramafic rocks (€s).*

€sm — *Massive serpentinite (€sm).*

€s / €sm — ULTRAMAFIC SEQUENCES

CONTACTS

- *Geological contact.*
- *Geological contact - inferred.*
- *Transitional geological contact.*
- *Limit of mapping of sub-unit within undifferentiated rock unit.*

FAULTS

- *Fault.*
- *Fault - inferred.*
- *Fault - concealed.*

LINEARS

- *Axial surface trace of major overturned antiform.*
- *Axial surface trace of major overturned synform.*

- *Strike and dip of bedding right way up; overturned; facing unknown.*
- *Strike of vertical bedding, facing unknown.*
- *Strike and dip of cleavage of unspecified type and relative age; vertical.*
- *Strike and dip of cleavage of unspecified type and relative age, parallel to bedding, facing unknown.*
- *Strike and dip of crenulation cleavage.*
- *Strike and dip of cleavage, relative local age S_C vertical.*
- *Strike and dip of cleavage, relative local age S_D vertical.*
- *Strike and dip of cleavage, relative local age S_X vertical.*
- *Strike and dip of compositional layering; vertical.*
- *Strike and dip of dominant joint set.*
- *Trend and plunge of minor fold hinge line, unspecified relative age; with dip and dip direction of axial surface.*
- *Trend and plunge of minor fold hinge line, relative local age F_C; with dip and dip direction of axial surface.*
- *Trend and plunge of minor fold hinge line, relative local age F_D, with dip and dip direction of axial surface; with vertical axial surface.*
- *Trend and plunge of minor fold hinge line, relative local age F_X, with dip and dip direction of axial surface; vergence dextral.*
- *Trend and plunge of minor fold hinge line, relative local age F_X, with dip and dip direction of axial surface vergence dextral; sinistral.*
- *Field station for adjacent readings on the map.*
- *Notable small outcrop with rock unit indicated.*
- *Macrofossil location.*
- *Mineral deposit location - alluvial/tailings.*

SOURCE DIAGRAM

- Highly detailed (eg. more detailed than 1:25 000 scale mapping).
- Detailed systematic (eg.1:25 000 map or equivalent detail).
- Regional systematic (eg.1:50 000, 1:63 360 map or equivalent detail).
- Regional mapping less detailed than 1:63 360 map or equivalent (all other scales).
- Reconnaissance mapping with sparse ground traverses.
- Remote sensing and/or geophysical interpretation with limited or no ground information.

Compiled by M.J. Vicary, B.Sc.(Hons), 2007 from the following sources (see source diagram):

A BROWN, A.V., McCLENAGHAN, M.P., TURNER, N.J., BAILLIE, P.W., McCLENAGHAN, J., LENNOX, P.G., WILLIAMS, P.R. 1982. Geological Atlas 1:50 000 Series. Sheet 73 (8112N), Huntley.

REFERENCE THIS MAP AS:

VICARY, M.J. (compiler) 2007. Digital Geological Atlas 1:25 000 Scale Series. Sheet 4228 Pokana. Mineral Resources Tasmania.

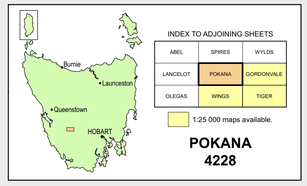
Base data from the LIST, Copyright State of Tasmania.

Map produced by Spatial Information Services, Mineral Resources Tasmania.

Website: www.mrt.tas.gov.au

GDA94 - MGA Zone 55. Contour Interval: 20 metres.

LOCATION DIAGRAM



INDEX TO ADJOINING SHEETS

ABEL	SPIRES	WYLDS
LANCELOT	POKANA	GORDONVALE
OLEGAS	WINGS	TIGER

1:25 000 maps available.

POKANA
4228

Map generated: 07-JUN-2024

WARNING: INKS ARE LIGHT SENSITIVE.