MINERAL RESOURCES TASMANIA
DIGITAL GEOLOGICAL ATLAS 1:25 000 SERIES
PARKHAM, SHEET 4641

PARKHAM

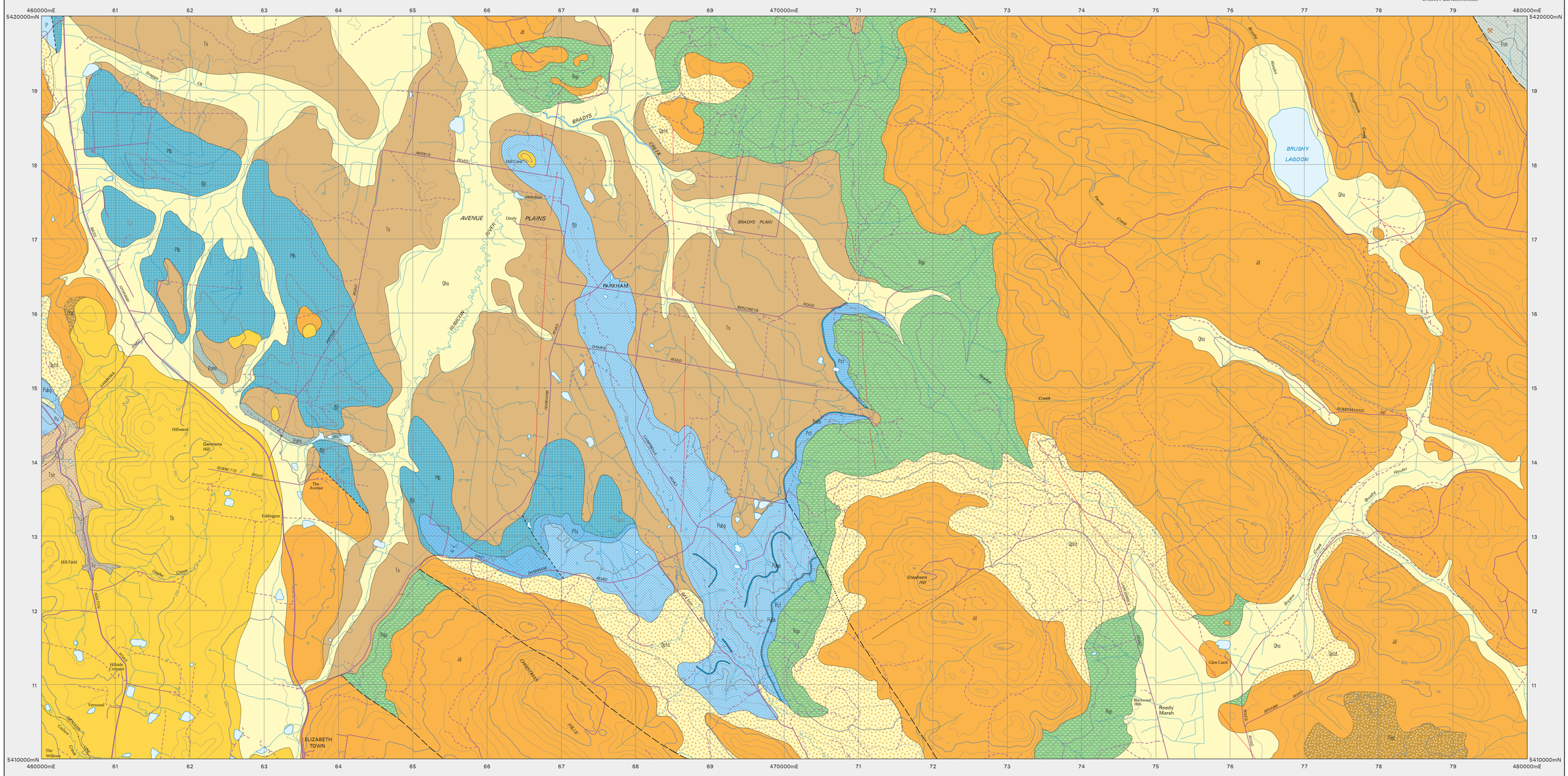
Scale: 1:25 000

0 500 1000 1500 2000 2500m

MINERAL RESOURCES TASMANIA

Tasmania

DEPARTMENT of INFRASTRUCTURE ENERGY and RESOURCES



Compiled by M.J. Vicary, 2004 as part of the Western Tasmanian Regional Minerals Program, from the following sources (See Responsibility Diagram):

A GULLINE, A.B., BRAVO, A.P. and NAGVI, I.H., 1973. Geological atlas 1 mile series. Sheet 38 (8215S) Frankford. Tasmania Department of Mines.

B Air photograph and WTRMP geophysical data interpretation by M Vicary.

CAINOZOIC

QUATERNARY — HOLOCENE

- **Qha** — *Stream alluvium, swamp and marsh deposits (Qha).*

QUATERNARY — PLEISTOCENE

- **Qpt4** — *Talus consisting dominantly of dolerite boulders (Qpt4).*

TERTIARY

- **Tfld** — *Laterite derived from Jurassic dolerite (Tfld).*
- **Ts** — *Undifferentiated Tertiary sediments; dominantly non-marine sequences of quartz sand, silt, clay, and regolith (Ts).*
- **Tb** — *Basalt (Tb).*
- **Tc** — *Sandstone and conglomerate (Tc).*
- **Tsa** — *Sand, quartzite gravel and clay, including interbasalt deposits (Tsa).*

MESOZOIC

TRIASSIC — UPPER PARMEENER SUPERGROUP

- **Rqs** — *Cross-bedded quartz sandstone, feldspathic sandstone and shale (Rqs).*
- **Pct** — *Carbonaceous sandstone and shale (Clog Tom Sandstone) (Pct).*

PALAEOZOIC

PERMIAN — LOWER PARMEENER SUPERGROUP

- **Pu** — *Upper glaciomarine sequence of pebbly mudstone, pebbly sandstone and limestone (Pu).*
- **Pubb** — *1 to 2m thick resistant unit of siliceous granule to pebble conglomerate (Blackwood Conglomerate) (Pubb).*
- **Pubg** — *Sandstone, mudstone and pebbly mudstone with marine fossils (Bogan Gap Group) (Pubg).*
- **Pubp** — *3 to 5m thick resistant unit of unfossiliferous pebbly sandstone and conglomerate (Palmer Sandstone) (Pubp).*
- **Pfs** — *Dominantly well-sorted quartz sandstone, normally cross-bedded or laminated and commonly with interbedded and laminated carbonaceous shale, lesser conglomerate and rare coal (Liffey Sandstone) (Pfs).*
- **Pfr** — *Poorly sorted pebbly mudstone, fossiliferous sandstone and minor conglomerate (Pfr).*

PROTEROZOIC

NEOPROTEROZOIC — BATCHER BAY GROUP

- **Poh** — *Sandstone, slate and phyllite (Poh).*
- **Pohs** — *Quartz-mica schist (Pohs).*

INTRUSIVE ROCKS

MESOZOIC — JURASSIC

- **Jd** — *Dolerite and related rocks (Jd).*

Geological boundary – position accurate or approximate.

Geological boundary – inferred.

Fault (unspecified) – position accurate or approximate.

Fault (unspecified) – inferred.

Fault (unspecified) – concealed.

Lineament visible on aerial photographs.

Lineament visible in airborne magnetic data.

(white line) *Limit of mapping of sub-unit within undifferentiated rock unit ('Colour boundary').*

Strike and dip of bedding, facing unknown.

Strike and dip of cleavage of unspecified type and relative age – dipping; vertical.

Fossil location.

Mineral deposit location – hardrock

Mineral deposit location – alluvial

Data derived from Mineral Resources Tasmania DEPOSITS data base. Data point position has not been verified in every case.

Construction materials location – Data derived from Mineral Resources Tasmania DEPOSITS data base. Data point position has not been verified in every case.

Base data from the LIST, Copyright State of Tasmania.

Map produced by the Data Management Branch of Mineral Resources Tasmania using G.I.S. software.

AGD66 - AMG Zone 55. Contour Interval: 20 metres.

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RESPONSIBILITY DIAGRAM

A,B

LOCATION DIAGRAM

ADJOINING SHEETS

RAILTON	W FRANKFORD	EXETER
SHEFFIELD	PARKHAM	BRIDGENORTH
GOG	DELORAINE	WESTBURY

1:25000 maps available.

PARKHAM
4641

Plotfile for this map generated from digital data as at: 20-AUG-2008

WARNING: INKS ARE LIGHT SENSITIVE