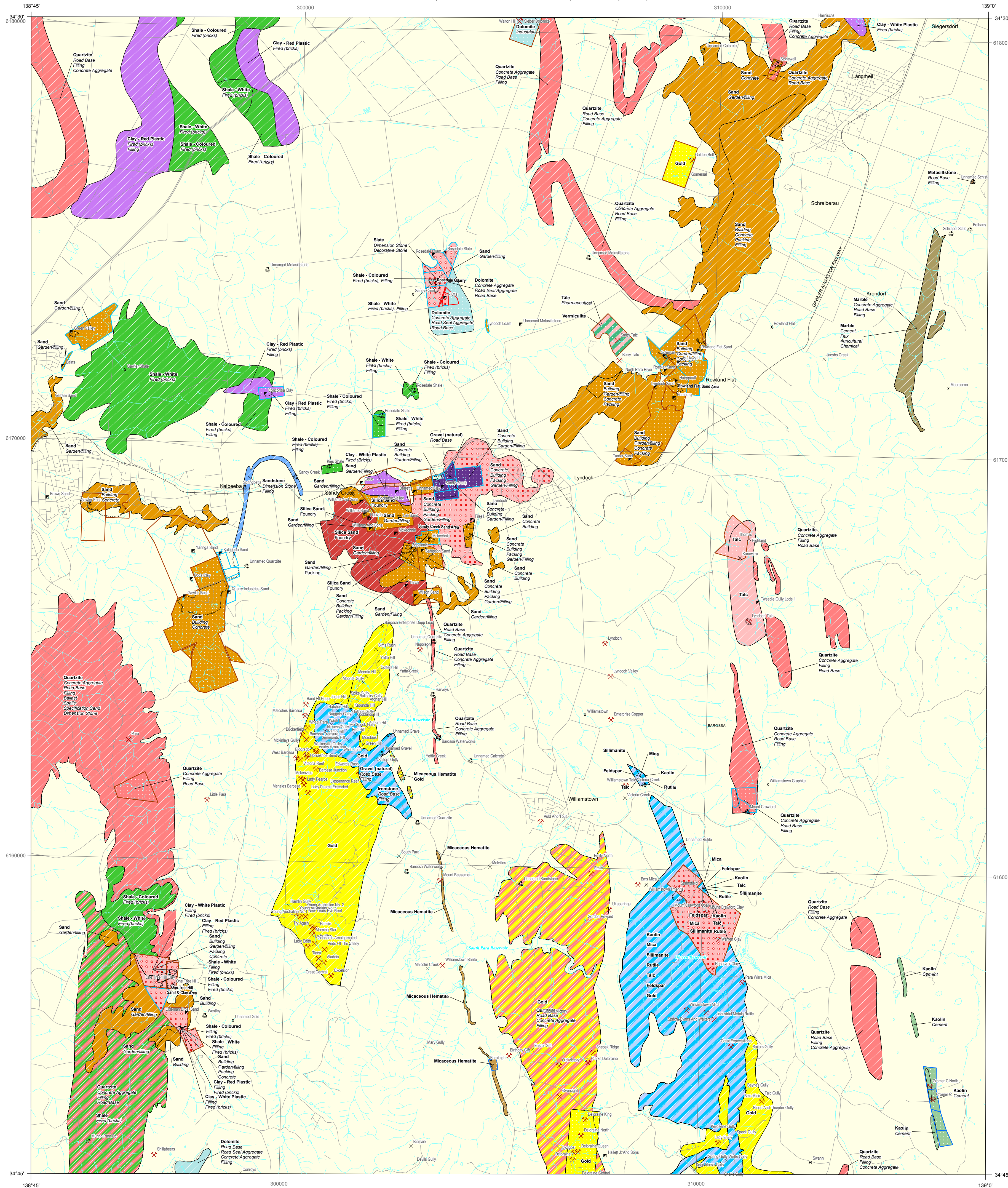


BAROSSA

MINERAL RESOURCE POTENTIAL

GEOLOGICAL SURVEY OF SOUTH AUSTRALIA, DEPARTMENT FOR MANUFACTURING, INNOVATION, TRADE, RESOURCES AND ENERGY



REFERENCE

MINERAL RESOURCE POTENTIAL

South Australian Mineral Resource Potential Mapping translates geological mapping, current mineral production tenement locations and a range of other resource information into a 3 level categorisation of resource potential and suggested planning response as below.

CATEGORY 1 - HIGH MINERAL POTENTIAL & for Current Operation

Full planning protection required from incompatible development. Important mineral resource area. Current mining operation, current mineral tenement, Extractive Industry Zone, known economically viable mineral resource/reserve established by drilling, trenching etc. or high potential for resource/reserve although full investigation to resource/reserve status not yet undertaken.

CATEGORY 2 - MEDIUM MINERAL POTENTIAL

Mineral Potential should be considered in planning. Further consultation or investigation before incompatible development allowed. Moderate to good geological potential for significant resources known from preliminary geological studies but investigation required to establish resource and economic viability.

CATEGORY 3 - LOW MINERAL POTENTIAL

No specific planning protection required. No or very minor known mineral resource potential based on current information. May include some sources of construction material fill or other low specification material for local use from pits operated by councils.

Changes in mineral resource market requirements, in geological knowledge and information and in exploration techniques may significantly alter the mineral potential categories applicable to areas. The latter two factors are particularly relevant to the potential for metallic minerals.

South Australian Mineral Resource Potential Mapping is discussed further in MESA Journal 59: 13-15.

MINERAL RESOURCE POTENTIAL - COMMODITIES

- Category 1 - Vermiculite
- Category 1 - Micaceous Hematite
- Category 1 - Feldspar
- Category 1 - Rutile
- Category 1 - Gravel (natural)
- Category 1 - Gold
- Category 1 - Clay
- Category 1 - Dolomite
- Category 1 - Kaolin
- Category 1 - Quartzite
- Category 1 - Talc
- Category 1 - Sand
- Category 1 - Shale
- Category 1 - Silica
- Category 1 - Silimanite
- Category 2 - Gravel (natural)
- Category 2 - Dolomite
- Category 2 - Ironstone
- Category 2 - Gold
- Category 2 - Shale
- Category 2 - Kaolin
- Category 2 - Metasilicate
- Category 2 - Sandstone
- Category 2 - Talc
- Category 2 - Sand
- Category 2 - Feldspar
- Category 2 - Marble
- Category 2 - Micaceous Hematite
- Category 2 - Quartzite
- Category 2 - Rutile
- Category 2 - Mica
- Category 2 - Silica Sand
- Category 2 - Silimanite
- Category 3 - No or little known resource potential
- Overlapping - Cat 1 Talc/Vermiculite
- Overlapping - Cat 1 Sand/Quartzite
- Overlapping - Cat 2 Shale/Quartzite
- Overlapping - Cat 2 Gold/Quartzite
- Overlapping - Cat 2 Micaceous Hematite/Gold
- Category 1 - More than 2 Commodities
- Category 2 - More than 2 Commodities

MINERAL PRODUCTION TENEMENTS - ACTIVE

- Extractive Minerals Lease
- Mineral Claim
- Mineral Lease
- Private Mine

MINES AND OCCURRENCES (MinDep)

- Diggings
- Mine
- Occurrence
- Pit
- Prospect
- Quarry
- Quarry

LABELS

- Metastone
- Dimension Stone
- Roadside Quarry
- Commodity
- Uses
- Major Resource Area

GRID LINES ARE 10 000 METRE INTERVALS OF THE MAP GRID OF AUSTRALIA 1994



INDEX TO ADJOINING SHEETS

| | | | | |
|--------------------|------------------|-----------------|--------------------|----------------|
| Wakefield 6529 | Bakewell 6629 | Hilbert 6729 | Eudunda 6729 | Morgan 6829 |
| Wentworth 6528 | Adelaide 6628 | Manly 6728 | Yankalilla 6527 | Milang 6627 |
| Vincent 6528 | Adelaide 6628 | Manly 6728 | Yankalilla 6527 | Milang 6627 |
| Yankalilla 6527 | Milang 6627 | Mobiong 6727 | Yankalilla 6527 | Milang 6627 |

SCALE 1 : 50 000

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Geographic data based on information supplied by SA Department of Environment, Water and Natural Resources. The relationship between this data and DMITRE data is not guaranteed.

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April 12, 2013

DISCLAIMER
This mapping product is designed to assist land use planning and is not suitable for use in mineral resource investment decisions. Many areas categorised as having mineral resource potential do not have sufficient drilling or other information to define resources or reserves to mineral industry (JORC) standards. The mineral resource potential information is largely interpretative in nature and is based on information available at the time of compilation. New information or further investigation of existing information may significantly change the assessments of mineral resource potential shown on this map.

CURRENCY OF INFORMATION
Mineral tenement locations and mineral resource potential information may have changed since production of this map on 12 April 2013.

Current tenement information is available online through the DMITRE SARG site at www.sarg.gov.au.

TOPOGRAPHIC FEATURES

- Highway
- Secondary Road
- Minor Road
- Railway
- Coastline (Mean High Water Mark)
- Watercourse; River; Channel
- Lake; Reservoir; Dam
- Quarry



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