



DELIVERING
RESULTS

Department for Manufacturing,
Innovation, Trade, Resources and Energy

SARIG 2020

Christie Gerrard

Manager, SARIG & Online Resource Information
Mineral Resources Division



**Government
of South Australia**

Department for Manufacturing,
Innovation, Trade,
Resources and Energy

PACE *exploration
mining
energy*
2020 *global*



www.dmitre.sa.gov.au



PACE (Plan for accelerating exploration)

SARIG 2020 (South Australian Resources Information Geoserver)

Spatial Library

E-business

Geo-reference

SARIG Map

SA Geodata

MetaData

Support and Help



PACE – A Plan for Accelerating Exploration

- Launched April 2004 with 5 Years of Funding (\$22.5M: 2004-2009)
- Raised to 30.9M over 7 years – April 2007 (2004-11)
- *PACE 2020* announced in March 2010 \$10.2M (2010-2014)

Strong history of collaboration and partnership

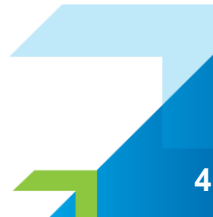
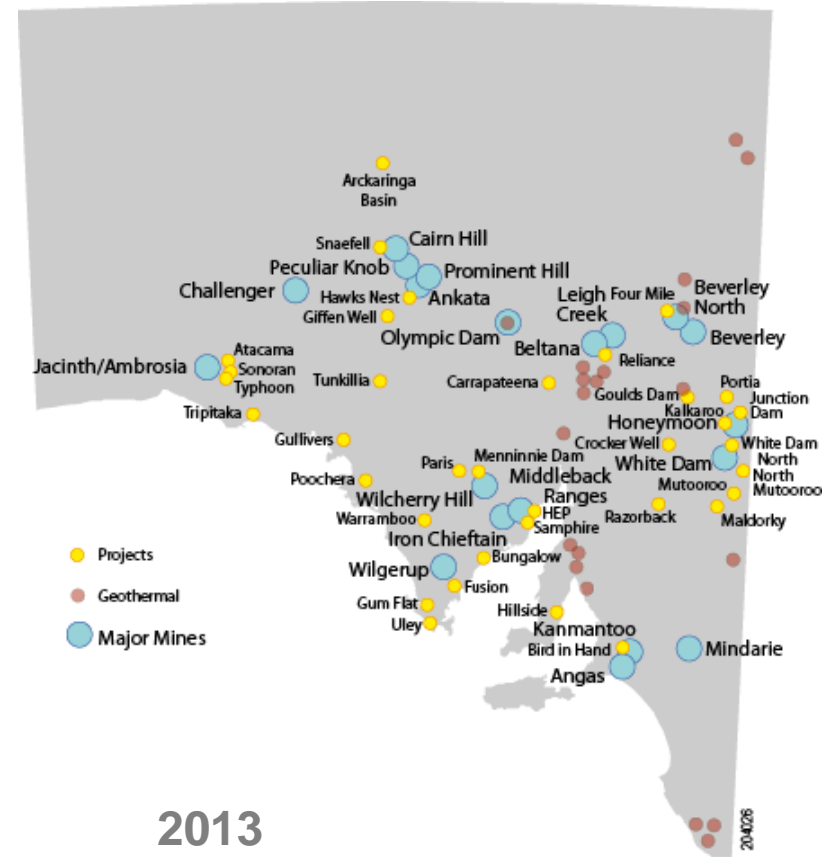
- Drilling Collaborations
- Geophysical Partnerships
- Research centres at University of Adelaide (CMXUC and DETCRC)
- Research collaborations with Universities around Australia
- MoUs and working agreements with a number of jurisdictions nationally and internationally
- Partnerships with other key government agencies
- Strong ties to regional and remote communities



PACE – A Plan for Accelerating Exploration



Mining activity



PACE – A Plan for Accelerating Exploration



PACE 2020 (2010 – 2014) initiative is aimed at advancing resource exploration and mining developments in South Australia





PACE 2020 (Plan for accelerating exploration 2010-2014)

SARIG 2020 (South Australian Resources Information Geoserver)

- *SARIG Map*
- *Spatial Library*
- *E-business*
- *Geo-reference*
- *SA Geodata*
- *MetaData*
- *Support and Help*





What is SARIG?

- SARIG = South Australian Resource Information Geoserver
- A free online web geospatial portal developed by the Resource and Energy Group within Department for Manufacturing, Innovation, Trade, Resource and Energy (DMITRE).
- Delivers through innovative use of information technology and workflow processes by collating databases into a single delivery portal.
- Used by state, national and international industry stakeholders, resource investors, education institutions, land owners, legal agencies, shareholders and the general public.

www.sarig.dmitre.sa.gov.au

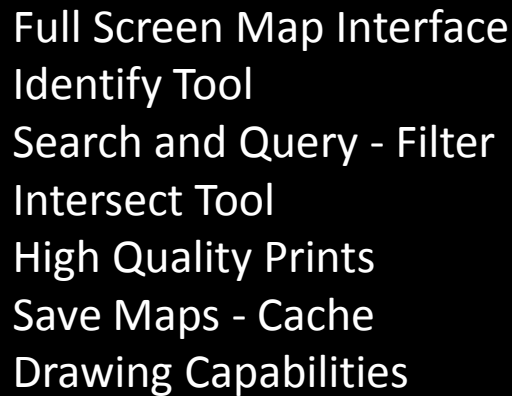




PACE 2020 (Plan for accelerating exploration 2010-2014)

SARIG 2020 (South Australian Resources Information Geoserver)

- **SARIG Map**
- *Spatial Library*
- *E-business*
- *Geo-reference*
- *SA Geodata*
- *MetaData*
- *Support and Help*



- Full Screen Map Interface
- Identify Tool
- Search and Query - Filter
- Intersect Tool
- High Quality Prints
- Save Maps - Cache
- Drawing Capabilities



South Australian Resources Information Geoserver

The screenshot displays the South Australian Resources Information Geoserver interface. At the top left, the Government of South Australia logo and 'sa.gov.au' are visible. A navigation bar at the top right contains 'Support & Help' and the 'RIG' logo. A 'Main Menu' box highlights the 'Search/Identify | Tenements | Map | Databases' options. A 'Navigation Tools' box points to the vertical toolbar on the left side of the map. An 'Overview Map' box points to the inset map in the top right corner. A 'Map Layers' box points to the layer control panel on the right side of the map. The map itself shows a topographic view of South Australia with various colored overlays representing different resource tenements and geophysical data. At the bottom left, there is a scale bar and coordinate information: 'Map 127°05'21" - 24°50'47"', 'Zone MGA52 e 306940 n 7250730', and a scale of '0 133 km 82.5 mi'. At the bottom center, there is a copyright notice: 'Copyright | Disclaimer | Privacy | Email DMITRE Last Updated: 30/04/2013'.

Government of South Australia
sa.gov.au
Department for Manufacturing, Innovation, Trade, Resources and Energy
Find what you're looking for
Docker River (kaltukatjara)

Support & Help RIG

What's New? | About SARIG | Help | Contacts

Current Action: Pan
Return to mouse navigation
Search/Identify | Tenements | Map | Databases

Main Menu

Overview Map

Navigation Tools

Map Layers

Map Layers

Map 127°05'21" - 24°50'47"
Zone MGA52 e 306940 n 7250730
0 133 km 82.5 mi

Copyright | Disclaimer | Privacy | Email DMITRE Last Updated: 30/04/2013

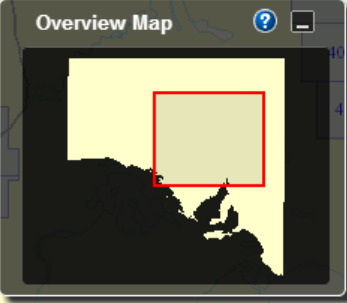
Map Layers panel content:
Data Infrastructure Legend
Right click layer for download options
Mineral Tenements
Mineral Exploration Tenem
Applications, Explorati
Exploration Licences (
Historic Exploration Lic
Historic Special Mining
Mineral Exploration Releas
Mineral Production Teneme
Petroleum Tenements
Geothermal Tenements
Gas Storage Tenements
Aquaculture Tenements
Land Access
Mines and Mineral Deposits
Drillholes
Sampling Analyses
Geology
Groundwater
Geophysical Data
Geophysical State Images
Magnetics
TMI
TMI (60% transparent)
TMI RTP
TMI RTP (60% transpa
TMI RTP 1st Vertical Di
TMI RTP 1st VD (60% t



Current Action: Identify
Return to mouse navigation
Search/Identify | Tenements | Map | Databases

Identify
Shift+i
Search/Query
Shift+s
Intersect
Where Is?

Identify Tool



Draw a box over an area of interest



Map Layers

Data Infrastructure Legend

Right click layer for download options

- Mineral Tenements
 - Mineral Exploration Tenement
 - Applications, Exploratory Licences
 - Exploration Licences (Current)
 - Historic Exploration Licences
 - Historic Special Mining Licences
 - Mineral Exploration Releases
 - Mineral Production Tenements
- Petroleum Tenements
- Geothermal Tenements
- Gas Storage Tenements
- Aquaculture Tenements
- Land Access
- Mines and Mineral Deposits
 - Mines and Projects
 - Major Mines
 - Developing Projects
 - All Mines and Mineral Deposits
 - Active Mines and Mineral Deposits
 - Non-active Mines and Mineral Deposits
 - By Commodity
- Drillholes
- Sampling Analyses
- Geology
- Groundwater
- Geophysical Data
- Geophysical State Images



Current Action: Identify Return to mouse navigation
Search/Identify | Tenements | Map | Databases

Results (use tabs at base of table for additional information over drawn area)

- Exploration Licences (Mineral/Opal) (16) [Download to CSV](#)
- Major Mines (1) [Download to CSV](#)
- Developing Projects (1) [Download to CSV](#)

| Results | Drillholes & Sampling | Geophysical data downloads | Mines and mineral deposits | Expired mineral company licences |
|---------|-----------------------|----------------------------|----------------------------|----------------------------------|
| | | | | |

Identify Results Widget

Overview Map

Map Layers

Data Infrastructure Legend

Right click layer for download options

- Mineral Tenements
 - Mineral Exploration Tenement
 - Applications, Exploratory Licences
 - Exploration Licences (Mineral/Opal)
 - Historic Exploration Licences
 - Historic Special Mining Licences
 - Mineral Exploration Releases
 - Mineral Production Tenements
- Petroleum Tenements
- Geothermal Tenements
- Gas Storage Tenements
- Aquaculture Tenements
- Land Access
- Mines and Mineral Deposits
 - Mines and Projects
 - Major Mines
 - Developing Projects
 - All Mines and Mineral Deposits
 - Active Mines and Mineral Deposits
 - Non-active Mines and Mineral Deposits
 - By Commodity
- Drillholes
- Sampling Analyses
- Geology
- Groundwater
- Geophysical Data
- Geophysical State Images

Map 139° 50' 57" - 30° 04' 27"
Zone MGA54e 389090 n 6672450

Results (use tabs at base of table for additional information over drawn area)

+ Exploration Licences (Mineral/Opal) (16) [Download to CSV](#)

- Major Mines (1) [Download to CSV](#)

| Project Name | MINDEP No | DISTRICT No | Project Status | Commodities | Operating Company | ASX Code | Company Website | Resource Summary | Resource Contained Commodity | Reserv Summa |
|--|----------------------|-------------|----------------|-------------|-------------------|---------------------|--|---|---|--|
| Olympic Dam Zoom To | 3000 | - | Major Mines | Cu-U-Au-Ag | BHP Billiton Ltd | BHP | www.bhpbilliton.com.au | 9576 Mt at 0.82% Cu, 0.26 kg/t U3O8, 0.31 g/t Au, 1.39 g/t Ag 364 Mt (non-sulphide) | (total resource, sulphide only) 78 523 200 t Cu 2 489 760 t U3O8 99 314 695 | 629 Mt 1.76% Cu, 0.5 kg/t U3O8, 0.73 g/t |

[Olympic Dam](#)
[Zoom To](#)

SA Geodata Database - Mineral Deposit

Deposit Number: 3000 Deposit Name: Oly

[Details](#) [Location](#) [Geology](#) [Commodities](#) [Referen](#)

Deposit Synonyms
Roxby Downs; Sml 1

Mineral District

Deposit Summary
IOCGU deposit in host breccia economically recoverable. Res

Deposit Description
OLYMPIC DAM, world's largest and with significant but unsecor fluorine. Total resource (as of 2011 138.7Mt ore treated at 2.2 refined silver, 62,856 tonne U3 hydrothermal breccia system, wide. Host rock was Mesoproter Sheif, and Eromanga basins. hematite-quartz breccia, with granitic breccia. The known m to relatively fresh Roxby Down Within these zones the more h pitchblende. The copper sulph S-rich minerals (chalcocopyrite, abundant towards the central significant accessory in Cu-U (was thought to have proceeded meteoric and/or lacustrine wat breccia complex formed by the were believed to include inters bullion. Iron ore (~24%Fe) and recoverable.

Discovery Year
? 1975

Commodities
Copper, Gold, Silver, Uranium,

Ore Minerals
Argentite, Bannerrite, Bornite, C Specific)

Gangue Minerals
Barite, Chlorite, Feldspar, Fluo

[Download list of codes and descriptions](#)



Home Personal Investors Institutional Investors

Products

- Prices, Research & Announcements
- Prices
- Dividends
- Announcements
- Charting
- Industry sectors
- Company research**
- Market statistics
- Education & Resources
- Trading Services
- Clearing
- Settlement
- ASX Compliance
- Corporate Governance Council
- About asx.com.au

bhpbilliton resourcing the future

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Site Search

The world's leading diversified resources company.

We discover, develop and convert natural resources which fuel development and growth all over the world.

Delayed share price
Prices are delayed by 20 minutes

| Code | Last | % Chg |
|------|--------|-------|
| BHP | 34.850 | 0.87% |

Featured news
BHP Billiton Chief Executive Officer, Andrew Mackenzie, has presented at the Bank of America Merrill Lynch 2013 Global Metals, Mining and Steel Conference in Barcelona, Spain.

Global locations
Find a BHP Billiton location.

Sustainability in action
BHP Billiton is committed to operating sustainably. Our Sustainability case studies demonstrate how we deliver in a manner that is consistent with our values.

Investor updates

| Exchange | Price | % Move |
|----------------|--------|--------|
| ASX | 34.86 | +0.90 |
| LSE | 18.92 | -- |
| NYSE (Ltd ADR) | 64.05 | -0.37 |
| NYSE (Pfc ADR) | 58.11 | -0.63 |
| JSE | 285.92 | +0.12 |

Latest news: [BHP Billiton Approves Escondida Water Supply Project](#) 25 Jul 2013

Government of South Australia
Department for Manufacturing, Innovation, Trade, Resources and Energy

Functions: [Show Abstracts](#)

Results: 580

To review and/or refine previous que
To order copies (digital or hard copy),
To download multiple electronic docum

Records 1 to 10 of 580 Pages: 1 2 3 4 5 6 7 8 9 10

| Select | Reference SORT | Download Size (Kb) SORT |
|--------------------------|----------------------------------|-------------------------|
| <input type="checkbox"/> | Env 03825 24180 | |
| <input type="checkbox"/> | Env 05686 819 | |
| <input type="checkbox"/> | Env 03881 27032 | |
| <input type="checkbox"/> | Env 05048 4285 | |
| <input type="checkbox"/> | Env 05158 1068 | |
| <input type="checkbox"/> | Env 03507 241410 | |
| <input type="checkbox"/> | Env 03637 29915 | |
| <input type="checkbox"/> | Env 03563 26782 | |
| <input type="checkbox"/> | Env 03994 17407 | |
| <input type="checkbox"/> | Env 04033 99452 | |

Records 1 to 10 of 580 Pages: 1 2 3 4 5 6 7 8 9 10

Rock Sample that has

 Geochemistry Analysis Petrology Analysis Biostratigraphy Analysis Geochronology Analysis

Rock Sample Details

Sample Source Date Collected To Depth of Sample > mCollected By

Analytical Results

Analysis Type Analysis Program Analyst Analyte Result Value > Unit [+ Biostratigraphy Advanced Search](#)

Drillhole Reference

Drillhole Name PACE Drillhole PACE Round Number Dept/Exploration/Mining Company Tenement Type Tenement Number Document Reference Type Document Reference Number

SA Geodata Database Reference

Sample Number Sample Number from to Other Sample Number Drillhole Number Analysis Number Site Number

Geographic Search Extent

 MGA
Top Left Easting Northing Zone Bottom Right Easting Northing Zone

or

 Lat/Long
Top Left Longitude Latitude Bottom Right Longitude Latitude

SA Geodata - Database Information Downloads

[Download list of Stratigraphic Units, Map Symbols and GIS codes](#)
[Explanation of the Stratigraphic Map Symbol and GIS code system](#)Restore Coordinates
from SARIG

Clear Form

Search Database

SA Geodata Database - Rock Sample Search Results (1833 Records Returned)

| Rock Sample Summary | | | | | Rock Sample Has | | | | | |
|-----------------------|----------------------|---------------|----------------|----------------------|-----------------|-------------------|------------------|------------------|-------------|-----------------------|
| Sample Number | Sample Source | Collected By | Date Collected | Exploration Tenement | Geochem Results | Petrology Results | Biostrat Results | Geochron Results | Site Number | Drillhole Number |
| 17253 | Rock outcrop / float | Ambrose, G.J. | | | | ✓ | | | 137222 | |
| 17254 | Rock outcrop / float | Ambrose, G.J. | | | | ✓ | | | 137223 | |
| 17255 | Rock outcrop / float | Ambrose, G.J. | | | | ✓ | | | 137223 | |
| 17267 | Drill core | Flint, R.B. | 09/02/1984 | | ✓ | ✓ | | | 14297 | 18191 |
| 17268 | Drill core | Flint, R.B. | 09/02/1984 | | ✓ | ✓ | | | 14297 | 18191 |
| 17269 | Drill core | Flint, R.B. | 09/02/1984 | | ✓ | ✓ | | | 14297 | 18191 |
| 17270 | Drill core | Flint, R.B. | 09/02/1984 | | ✓ | ✓ | | | 14297 | 18191 |
| 17271 | Drill core | Flint, R.B. | 09/02/1984 | | ✓ | ✓ | | | 14297 | 18191 |
| 17272 | Drill core | Flint, R.B. | 09/02/1984 | | ✓ | ✓ | | | 14297 | 18191 |
| 17273 | Drill core | Flint, R.B. | 09/02/1984 | | ✓ | ✓ | | | 137226 | |

SA Geodata - Data Downloads

[1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) ... [Last](#)

Export results to Excel Download results data package

View results in map window Print Back

Download Data Packages

Select download package:

Rock sample details (sample details, references)

Geochemistry results (geochem results)

Download Cancel

Search Extent

| | | | |
|-------|--------------------------------------|-------|--------------------------------------|
| Min X | <input type="text" value="136.433"/> | Max X | <input type="text" value="137.366"/> |
| Min Y | <input type="text" value="-30.06"/> | Max Y | <input type="text" value="-31.143"/> |

File Output

| | | | |
|--|--|---|--|
| Theme | Format | Projection | Datum |
| <input type="radio"/> AEM | <input checked="" type="radio"/> ASCII | <input checked="" type="radio"/> GEODETIC | <input checked="" type="radio"/> GDA94 |
| <input checked="" type="radio"/> Magnetics | <input type="radio"/> GRID | <input type="radio"/> MGA52 | <input type="radio"/> AGD66 |
| <input type="radio"/> Radiometric | | <input type="radio"/> MGA53 | |
| <input type="radio"/> Gravity | | <input type="radio"/> MGA54 | |

- Results
- Drillholes & Sampling
- Geophysical data downloads**
- Mines and mineral deposits
- Expired mineral company licences
- Digital geological map downloads

Geophysical
Search and download for magnetic, radiometric, AEM and gravity ASCII data

Search Criteria


Min X 136.433 **Max X** 137.366
Min Y -30.06 **Max Y** -31.143
Theme: Magnetics
Format: VECTOR
Projection: GEODETIC
Datum: GDA94

The resultset will sent to the following Email Address *:

Requested files are clipped to your search area and are available for download until 1am CST (CDST during Daylight Savings time).

[Download results](#)

- (1 of 13) **77SA06 magnetic dataset**
Approx. Download Size: 1730 Kb
Date: 1977
[Hide Thumbnail](#)
Download data:
- (2 of 13) **93SA27 magnetic dataset**
Approx. Download Size: 5135 Kb
Date: 1993
[Show Thumbnail \(Draft Only\)](#)
Download data:
- (3 of 13) **61SA04 magnetic dataset**
Approx. Download Size: 362 Kb
Date: 1961
[Show Thumbnail \(Draft Only\)](#)
Download data:
- (4 of 13) **62SA01 magnetic dataset**
Approx. Download Size: 8886 Kb
Date: 1962
[Show Thumbnail \(Draft Only\)](#)
Download data:

 Generating thumbnail...

Geophysical Data Download

sarig@sa.gov.au

Extra line breaks in this message were removed.

Sent: Tue 13/08/2013 9:01 AM

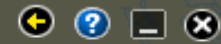
To: Gerrard, Christie (DMITRE)

Download contains selected data for datum: GDA94 and projection: GEODETIC Click the following link to download the zipped data:

<https://sarig.pir.sa.gov.au/JetstreamOutput/zzuhm2jw.kjw.tmp.zip>

Please note that result sets will be deleted after 24 hrs.

Results (use tabs at base of table for additional information over drawn area)



All Mines and Mineral Deposits (61) [Download to CSV](#) [Advanced Database Search](#)

| MINDEP No | Name | Deposit Class | Other names | Commodity | Commodity Code | Geological Province | Status code | Status date |
|----------------------|-------------------------------|---------------|--|---|------------------------------|---------------------|-------------|-------------|
| 567 | PLAYFORD 1 | OCCURRENCE | - | Lead | Pb | EROMANGA BASIN | NOTWK | 11/12/2007 |
| 3100 | OLYMPIC DAM | MINE | ROXBY DOWNS; SML 1 | Copper, Gold, Silver, Uranium, Iron, Rare Earths, Uranium Oxide | Cu, Ag, Au, U, Fe, REE, U3O8 | GAWLER CRATON | ACTIVE | 03/05/2001 |
| 3133 | WINJABBIE DAM | PROSPECT | - | Copper, Rare Earths | Cu, REE | GAWLER CRATON | NOTWK | 10/03/2006 |
| 3135 | EMMIE BLUFF | DEPOSIT | EMMIE BLUFF NORTH; EMMIE NORTH; INTERCEPT HILL | Copper, Cobalt, Silver, Zinc | Cu, Ag, Co, Zn | STUART SHELF | NOTWK | 02/08/2000 |

- Results
- Drillholes & Sampling
- Geophysical data downloads
- Mines and mineral deposits
- Expired mineral company licences
- Digital geological map downloads

SA Geodata Database - Mineral Deposit Details

Deposit Number: 567 Deposit Name: Playford 1 Deposit Type: Occurrence Status: Not Worked

- Details
- Location
- Geology
- Commodities
- References
- Historical Documents

| Document | Document ID | Document Comments | Reports Database |
|----------|-------------|---|------------------------|
| Envelope | 03002 | Exploration areas Murangoona, EL 323, Mount Wood, EL 324, Nickil, EL 325 and Mount Purvis (under application). Report for quarter Aug 1977. | SAMREE |

[Publication and Reports for this Deposit Name](#)

- [Download list of codes and descriptions](#)
- [Print Details](#)
- [Back](#)

SA Geodata MINDEP Database - Mineral Deposit Advanced Search

Mineral Deposit Details

| | | | | | |
|--------------|----------------------|---------------------|----------------------|----|----------------------|
| Deposit Name | <input type="text"/> | Discovery Year From | <input type="text"/> | To | <input type="text"/> |
| Deposit Type | <input type="text"/> | Deposit Status | <input type="text"/> | | |
| Commodities | <input type="text"/> | Commodity Species | <input type="text"/> | | |

Mineral Deposit Geology

| | | | | | |
|---------------------|----------------------|---------------------------|----------------------|--|--|
| Geological Province | <input type="text"/> | Mineral District Name | <input type="text"/> | | |
| Lithology | <input type="text"/> | Stratigraphic Unit | <input type="text"/> | | |
| Mineralogy | <input type="text"/> | Relationship to Host Rock | <input type="text"/> | | |
| Local Ore Control | <input type="text"/> | | | | |

Mineral Deposit Reference

| | | | |
|-------------------------|----------------------|---------------------------|----------------------|
| Document Reference Type | <input type="text"/> | Document Reference Number | <input type="text"/> |
|-------------------------|----------------------|---------------------------|----------------------|

Historical Document (Mine Summary Card)

SA Geodata Database Reference

| | | | |
|----------------|----------------------|-------------|----------------------|
| Deposit Number | <input type="text"/> | Site Number | <input type="text"/> |
|----------------|----------------------|-------------|----------------------|

Geographic Search Extent

| | | | | | | | | | | | | | | |
|--|----------|--------------|----------------------|----------|----------------------|------|----------------------|--------------|----------------------|----------------------|----------------------|----------------------|------|----------------------|
| <input type="checkbox"/> MGA | Top Left | Easting | <input type="text"/> | Northing | <input type="text"/> | Zone | <input type="text"/> | Bottom Right | Easting | <input type="text"/> | Northing | <input type="text"/> | Zone | <input type="text"/> |
| or | | Longitude | <input type="text"/> | Latitude | <input type="text"/> | | | Longitude | <input type="text"/> | Latitude | <input type="text"/> | | | |
| <input checked="" type="checkbox"/> Lat/Long | Top Left | 136.43337509 | -30.059862738 | | | | | Bottom Right | 137.3661238061 | -31.1425174961 | | | | |

SA Geodata - Database Information Downloads

[Explanation of the Stratigraphic Map Symbol and GIS code system](#)

Download list of codes and descriptions

Restore Coordinates from SARIG

Clear Form

Search Database

Results (use tabs at base of table for additional information over drawn area)



| | | | | | | | |
|---|---------|-------------|--|-----------------------------------|--------------------|------------|------------|
| 1659 | EL 1659 | Expired | Mount Isa Mines Limited (100%) | - | PEARSON HILL | 17/05/1990 | 26/11/1992 |
| 1769 Zoom To | | | Pnc Exploration | on Nickel Ltd | STUART CREEK AREA | 13/04/1992 | 12/04/1994 |
| 1808 | EL 1808 | Surrendered | Mount Isa Mines Limited (100%) | Mount Isa Mines Limited | SANDY POINT AREA | 27/11/1992 | 04/11/1996 |
| 1837 | EL 1837 | Expired | Rio Tinto Exploration Pty Limited (100%) | Rio Tinto Exploration Pty Limited | CAMPBELL RISE AREA | 12/07/1993 | 11/07/1997 |

Historic Tenement No - Hyperlink

- Results
- Drillholes & Sampling
- Geophysical data downloads
- Mines and mineral deposits
- Expired mineral company licences**
- Digital geological map downloads

Industry Reports
Return a list of expired EL's over the defined are of interest. Links to industry original report for each record



Functions:

Record 1 of 1

[First](#) [Previous](#) [Next](#) [Last](#)

To order copies, click **Show Results** and follow the instructions at the top of the page.

Title: **Stuart Creek. Progress and final reports for the period 13/4/1991 to April 1994.**

Author: Barratt, R.M.; Withers, J.A.

Date: Jun 1994

Tenement: [EL01769](#)

Operator: Western Mining Corp. Ltd

Licensee: Western Mining Corp. Ltd; PNC Exploration (Aust.) Pty Ltd

Abstract: Exploration for Olympic Dam-type deposits, over an area centred 20 km north-west of Andamooka, covered the untested northerly extension of a gravity anomaly recognised from an adjacent EL. Further gravity work, and airborne magnetics and radiometrics, have downgraded the area's potential.

Download Size (Kb): 41

Document URL: <https://sarigbasis.pir.sa.gov.au/WebtopEw/ws/samref/sarig1/image/DDD/ENV08634.pdf>

Broad Subject: Mineral exploration - SA; Geophysics

Subject Terms: [Base metal exploration](#); [Epithermal deposits](#); [Concealed deposits](#); [Exploration licences](#); [Progress reports](#); [Tenement maps](#); [Aerial magnetic surveys](#); [Aerial radioactivity surveys](#); [Ground magnetic surveys](#); [Gravity surveys](#); [Gravity anomalies](#); [Bouguer anomaly maps](#); [TMI maps](#)

Geol. Province: Stuart Shelf

Locality: Stuart Creek; Andamooka

Map Sheet: ANDAMOOKA; 6637III

Category: Mineral exploration licence reports

Source: South Australia. Department of Primary Industries and Resources. Open file Envelope, 08634

Reference: Env 08634

Catalogue No: 2001870

Date Added: 1994-10-12

Last Changed: 2007-01-29

Collation: Total fiche: 1, Total pages: 23, 2 appx, 4 fig, 3 reps

Indexing Level: F

Geophysical Survey No: 93SA27/1; 93F2

Images in this database are provided for research purposes only and must not be reproduced without permission of Department for Manufacturing, Innovation, Trade, Energy and Resources South Australia

Record 1 of 1

[First](#) [Previous](#) [Next](#) [Last](#)

Results (use tabs at base of table for additional information over drawn area)

1:100K Mapsheets (6) [Download to CSV](#)

| Map Number | Map Name |
|----------------------|-------------|
| 6137 | Parakylia |
| 6237 | Mattaweara |
| 6337 | Yarra Wurta |
| 6138 | Youngusband |
| 6238 | Koolymilka |
| 6338 | Andamooka |

1:250K Mapsheets (2) [Download to CSV](#)

| Map Number | Map Name | Grid Reference |
|------------------------|-----------|----------------|
| SH5311 | KINGOONYA | E5 |
| SH5312 | ANDAMOOKA | F5 |



Map Download (PDF) - Hyperlink

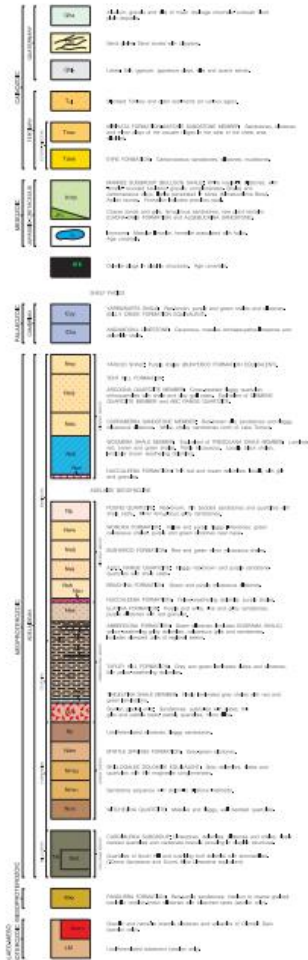
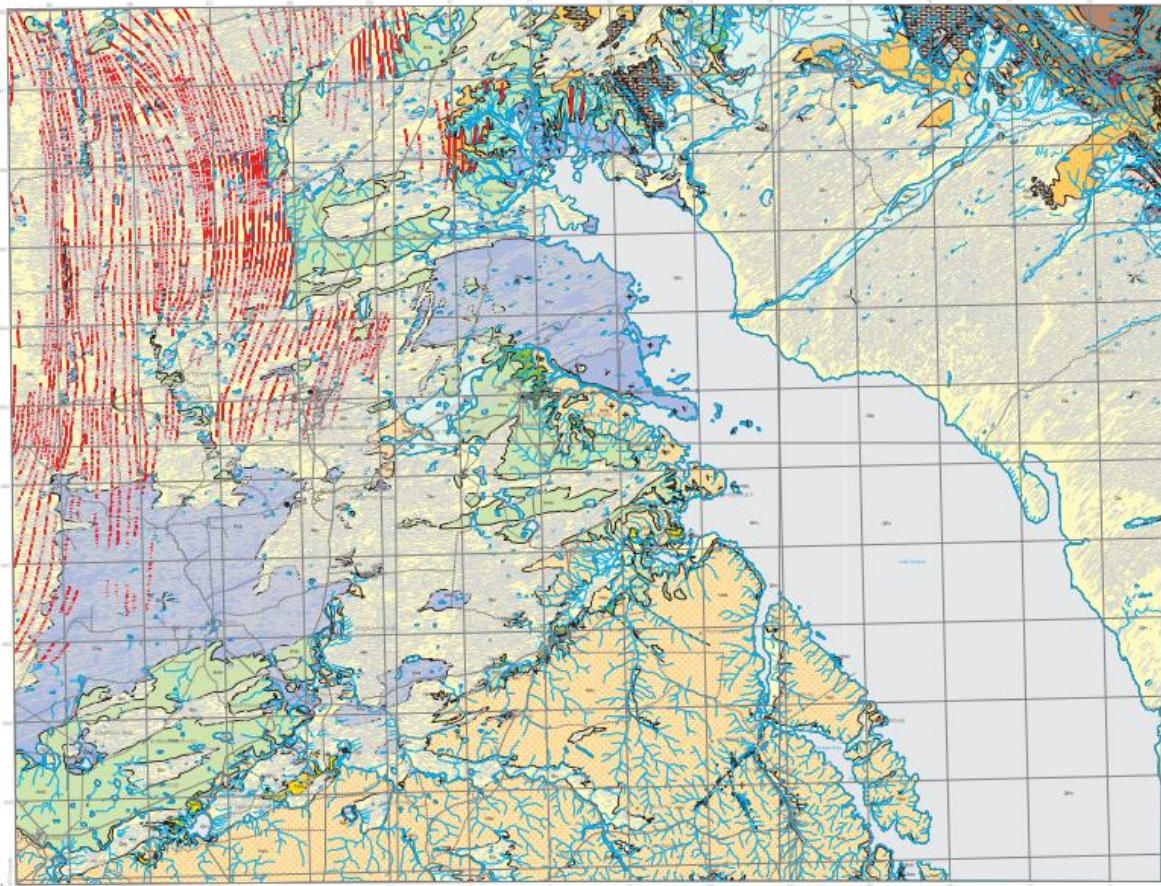
- Results
- Drillholes & Sampling
- Geophysical data downloads
- Mines and mineral deposits
- Expired mineral company licences
- Digital geological map downloads

Digital Geological Maps
Returns a list 1.:250K and 1:100k mapsheets over defined area of interest. Links to download the preliminary digital geological maps

AUSTRALIA L100 000

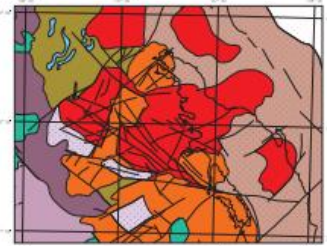
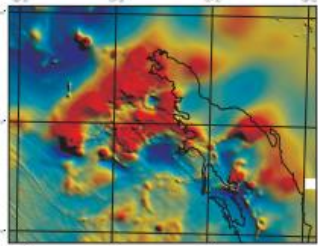
S.A. GEOLOGICAL SURVEY SHEET 5212

REFERENCE



TOTAL MASSIVE POTENTIAL

SOIL BIOLOGY POTENTIAL



SCALE 1:50 000

All geographical information on this map was derived from aerial photography and ground truthing. The map is based on the 1:50 000 scale topographic map of the area, which was digitized and processed using GIS software.

DEPARTMENT OF MANUFACTURES, INNOVATION, TRADE, RESOURCES AND ENERGY

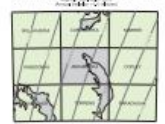
Geological Survey of South Australia
 110 North East Terrace, Adelaide SA 5008
 Telephone: (08) 8232 1000
 Fax: (08) 8232 1001
 Email: geology@sa.gov.au
 Website: www.sa.gov.au/geology

Author: [Name]
 Date: [Date]

INDEX TO 1:50 000 SHEETS



INDEX TO ADJOINING 1:50 000 SHEETS



**DIGITAL EDITION
 SUBJECT TO AMENDMENT**
 See published prospecting for further information.

Department for Manufacturing, Innovation, Trade, Resources and Energy
 May 2012



SYMBOLS

| | |
|--|--------------|
| | Contour |
| | Fault |
| | Watercourse |
| | Unconformity |

SYMBOLS

| | |
|--|--------------|
| | Fault |
| | Watercourse |
| | Unconformity |

SYMBOLS

| | |
|--|--------------|
| | Fault |
| | Watercourse |
| | Unconformity |





PACE 2020 (Plan for accelerating exploration 2010-2014)

SARIG 2020 (South Australian Resources Information Geoserver)

- *SARIG Map*
- ***Spatial Library***
- *E-business*
- *Geo-reference*
- *SA Geodata*
- *MetaData*
- *Support and Help*

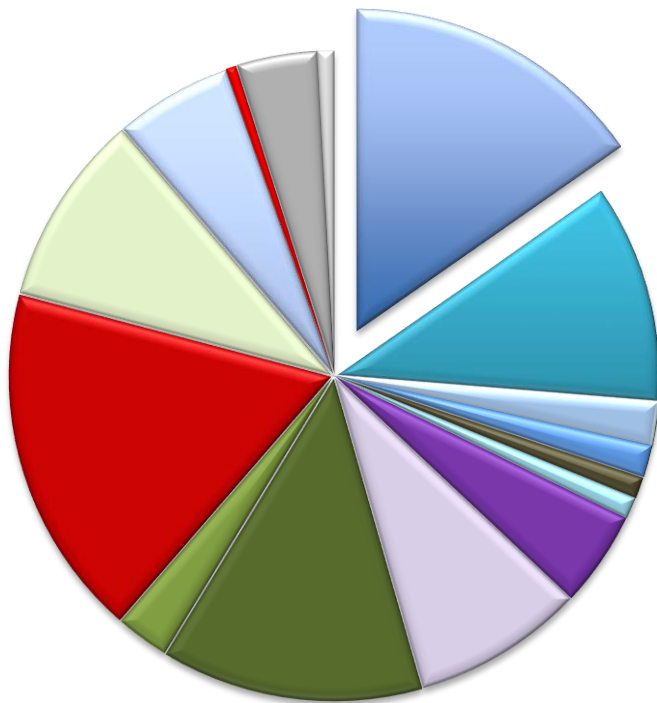
Access to 400 Spatial Layers
Geocentric Datum of Australia 1994 (GDA94)
Downloads

- CSV
- Vector: Shapefiles, Tabfiles, KMZ
- Image: GeoTif, ERS, ECW, Petrosys





SARIG Spatial Library



- Geology
- Geophysical
- Drillholes
- Rock Samples
- Earthquakes
- Groundwater
- MINDEP
- Regional Mineral Maps
- Seismic Images
- Seismic Lines
- Tenements/Lease
- Land Access
- Infrastructure
- Resource Investment
- Topographic
- Mapsheets

Geology

- 100K Surface Geology
- 2M Surface Geology
- 7M Surface Geology
- Geological Provinces
- Petroleum Basins
- Palaeodrainage Systems
- State Regolith
- 3D Geological Model Areas
- Geological Monuments

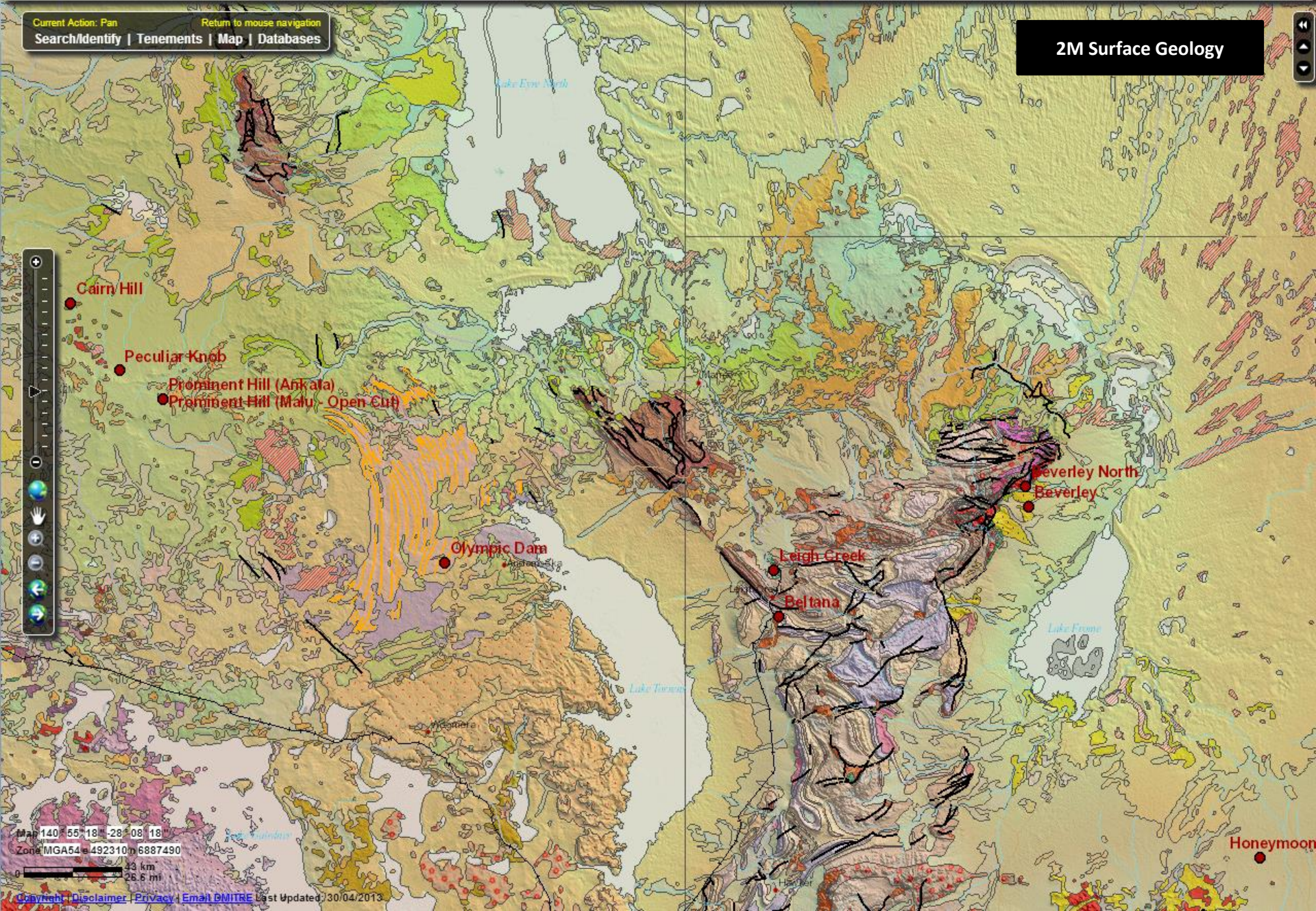
- Mineral Resource Potential Maps
- 100K and 250K Digital Maps





Current Action: Pan
Return to mouse navigation
Search/Identify | Tenements | Map | Databases

2M Surface Geology

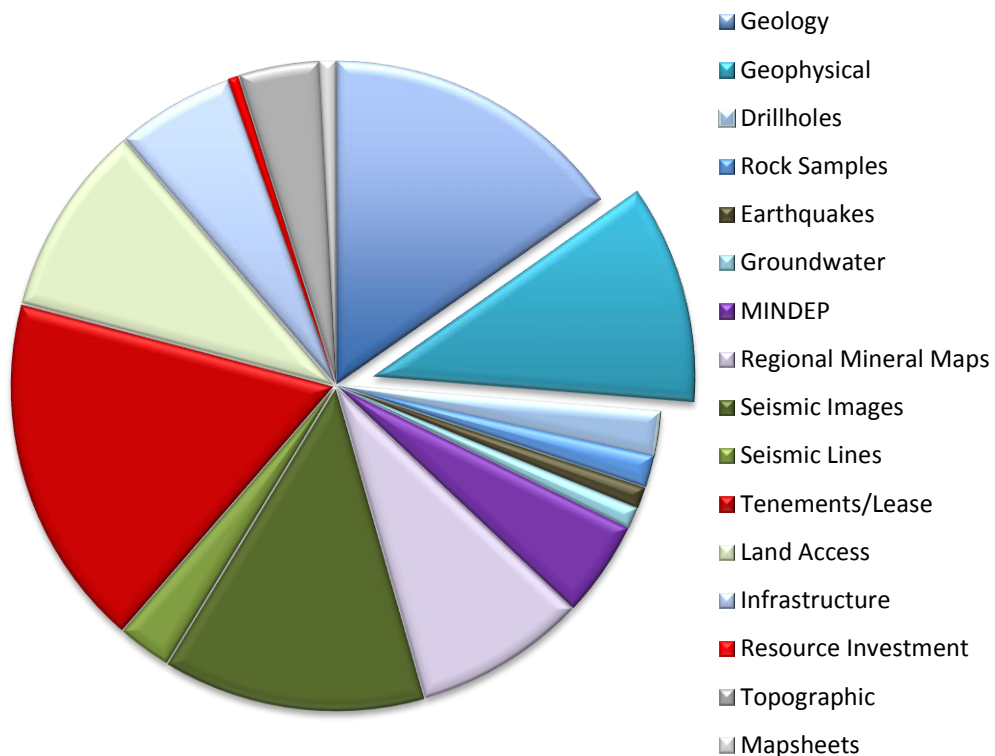


Map 140° 55' 18" E 28° 08' 18" S
Zone MGA54 492310 6887490

0 10 20 30 km
0 6.2 12.5 mi



SARIG Spatial Library



Geophysical

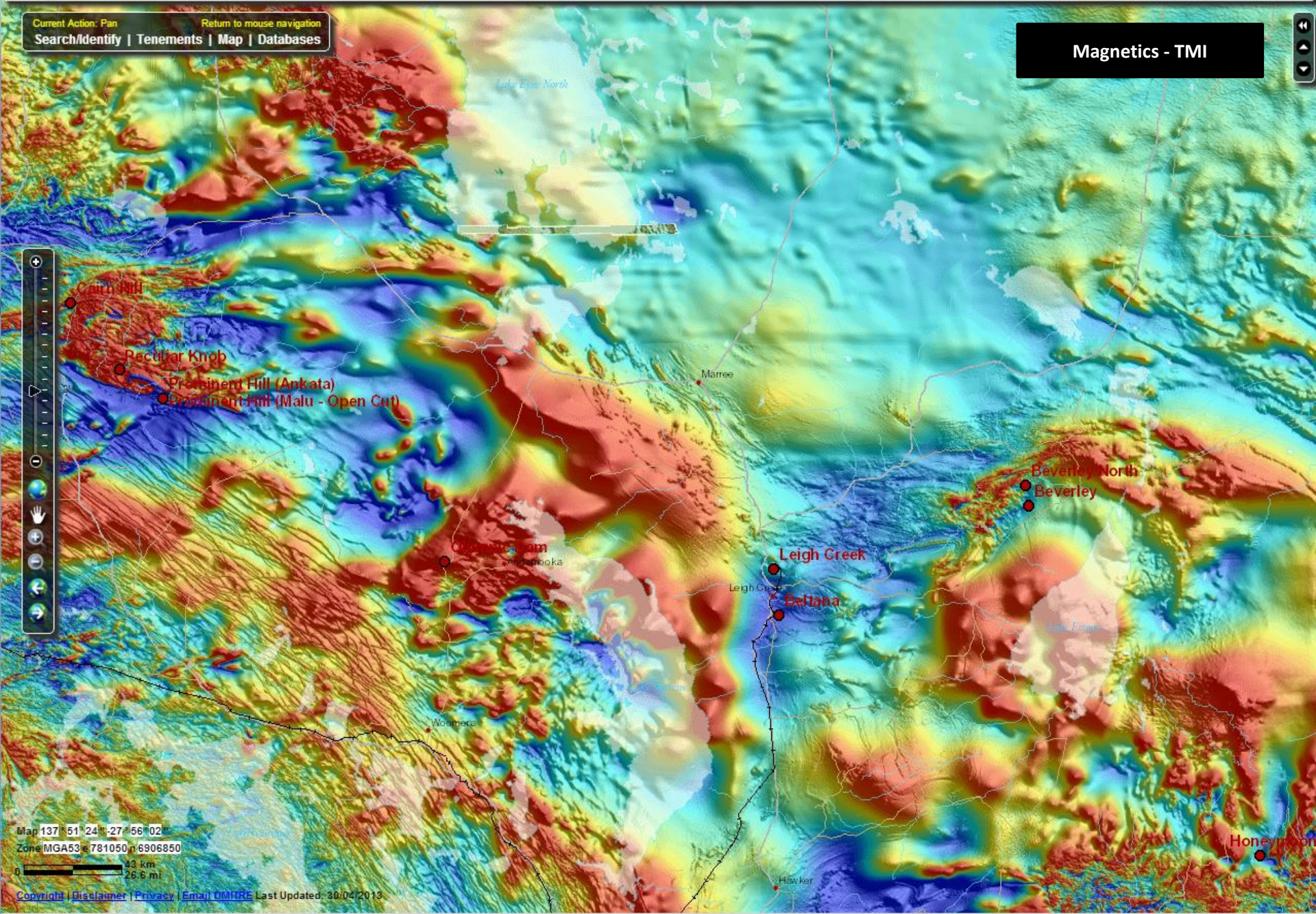
- Airborne Geophysical Surveys
- Airborne EM Surveys
- Electrical Survey
- Gravity - Stations
- Gravity – Australian Fundamental Gravity Network of SA
- Magnetic TMI Image
- Gravity Image
- Radiometric Images
- Depth to Basement
- DTM





Current Action: Pan Return to mouse navigation
Search/Identify | Tenements | Map | Databases

Magnetics - TMI



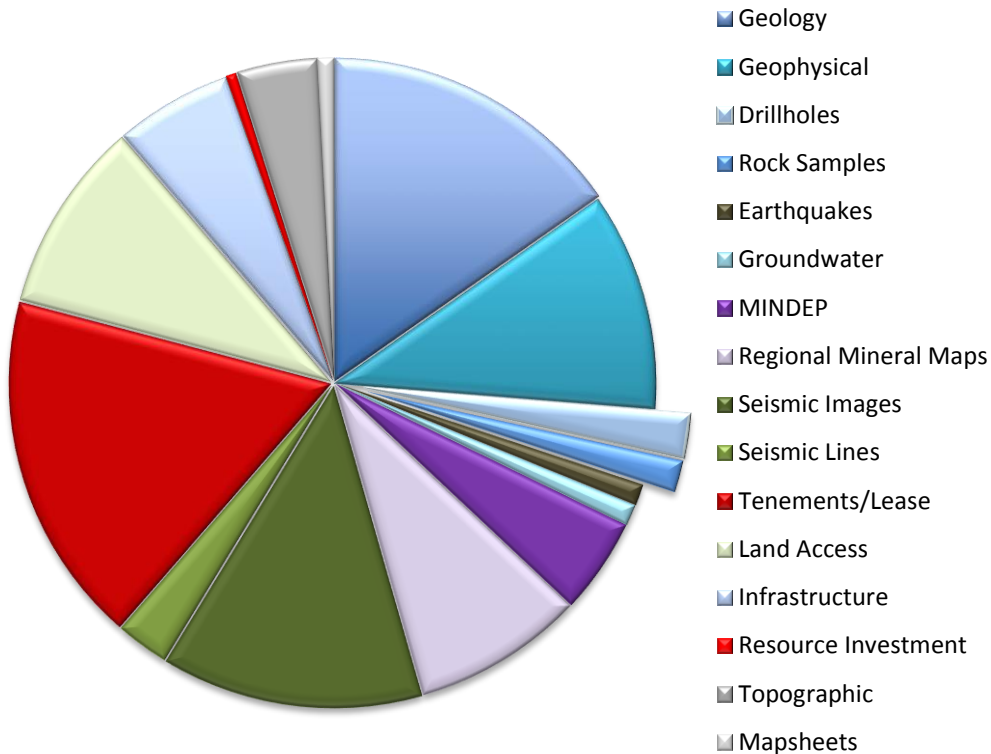
Map navigation controls including zoom in (+), zoom out (-), home, pan, and other navigation icons.

Map 137 51 24 27 56 02
Zone MGA53 e 781050 n 6906850

0 43 km
0 26.6 mi



SARIG Spatial Library



Drilling & Samples

- All Drillholes
- Petrophysical Drillholes
- Lithology Drillholes
- Stratigraphy Drillholes
- Hylogger Drillholes
- Geothermal Drillholes
- Petroleum Drillholes
- Water Bores

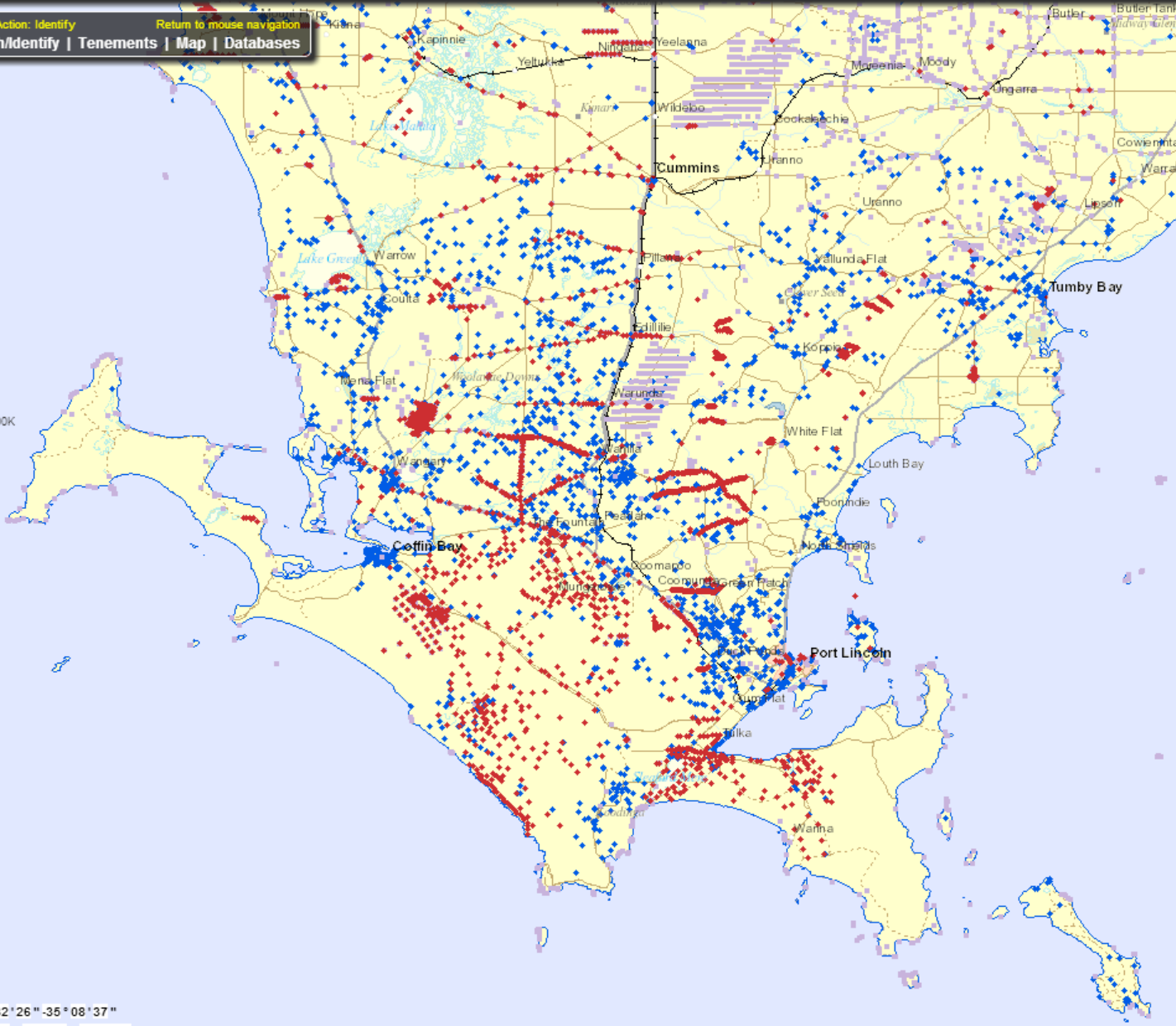
- All Rock Samples
- Geochemistry Analyses
- Petrology Analyses
- Biostratigraphy Analyses
- Calcrete





Current Action: Identify Return to mouse navigation
Search/Identify | Tenements | Map | Databases

500K



Overview Map

Map Layers

Data Infrastructure Legend

Right click layer for download options

- Mineral Tenements
- Petroleum Tenements
- Geothermal Tenements
- Gas Storage Tenements
- Aquaculture Tenements
- Land Access
- Mines and Mineral Deposits
- Drillholes
 - All Mineral Drillholes (visible)
 - Hylogger Drillholes
 - PACE drillholes
 - Petrophysical Drillholes
 - Lithology Drillholes (visible)
 - Stratigraphy Drillholes (visible)
 - Geothermal Wells
 - Petroleum Wells
- Sampling Analyses
 - All Rock Sample Sites (visible)
 - Geochemistry Analyses (visible)
 - Petrology Analyses (visible)
 - Biostratigraphy Analysis (visible)
 - Calcrete Analysis
 - Calcrete Reanalysed
- Geology
- Groundwater
 - Water Wells (visible 1M)
 - Shallow Groundwater Salinity

Map 136° 32' 26" - 35° 08' 37"
Zone MGA53 e 640330 n 6109960
0 10 km 6.4 mi

Core Library Image

HyLogging Systems 3.3 NVCL SA Node - 12112 Tray 12, 100.7 to 106.7 m



High Quality Core Photo's

300 400 500 600 700

Distance along section (mm)

0 10 mm
6.4 mi





SARIG Spatial Library



- Geology
- Geophysical
- Drillholes
- Rock Samples
- Earthquakes
- Groundwater
- MINDEP
- Regional Mineral Maps
- Seismic Images
- Seismic Lines
- Tenements/Lease
- Land Access
- Infrastructure
- Resource Investment
- Topographic
- Mapsheets

Seismic Lines

- Post 2010 seismic lines
- 2000 to 2009 seismic lines
- 1990 to 1999 seismic lines
- 1980 to 1989 seismic lines
- 1955 to 1979 seismic lines
- 3D Survey areas
- Seismic Upholes
- Seismic Permanent Marks





Current Action: Identify Return to mouse navigation
Search/Identify | Tenements | Map | Databases

Overview Map

Map Layers

Data Infrastructure Legend

Right click layer for download options

- Mineral Tenements
- Petroleum Tenements
- Geothermal Tenements
- Gas Storage Tenements
- Aquaculture Tenements
- Land Access
- Mines and Mineral Deposits
- Drillholes
- Sampling Analyses
- Geology
- Groundwater
- Geophysical Data
- Geophysical State Images
- Regional Mineral Maps
- Seismic Lines
 - All seismic lines
 - Post 2010 seismic lines
 - 2000 to 2009 seismic lines
 - 1990 to 1999 seismic lines
 - 1980 to 1989 seismic lines
 - 1955 to 1979 seismic lines
 - 2D lines with SEG-Y data
 - 3D survey areas
 - Seismic Upholes
 - Seismic Permanent Marks
- Seismic Horizon Maps
- Earthquakes

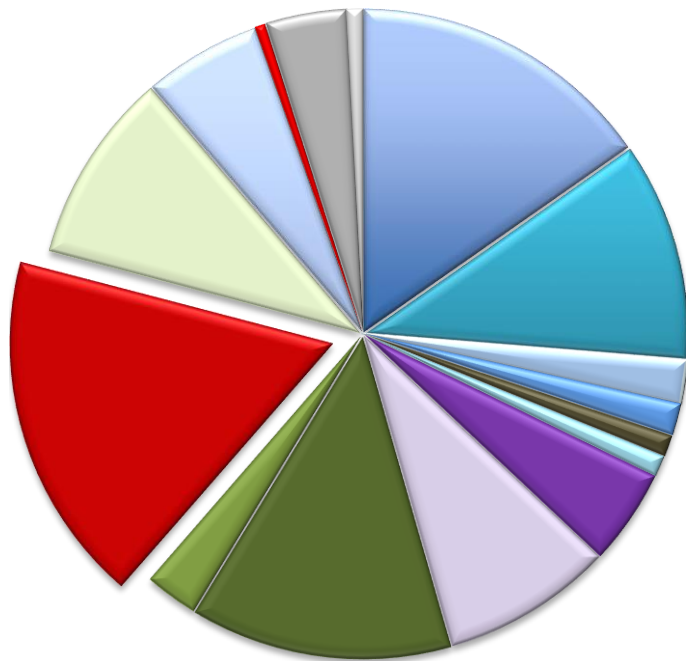
Results (use tabs at base of table for additional information over drawn area)

| Line | Geometry | Station | Elevation (m - AHD) | Lat (degrees (GDA94) mins (GDA94) secs (GDA94)) | Long (degrees (GDA94) mins (GDA94) secs (GDA94)) | Easting (m-GDA94) | Northing (m-GDA94) | MGA Zone | Ele (feet) |
|----------|----------|---------|---------------------|---|--|-------------------|--------------------|----------|------------|
| A85-CU01 | Source | 1000 | -5.65 | 29 1 31.0805 | 137 4 45.0808 | 702487.234 | - | 53 | -18 |
| A85-CU01 | Source | 1200 | -4.28 | 29 0 4.2227 | 137 7 21.8883 | 706778.305 | - | 53 | -14 |
| A85-CU01 | Source | 200 | 28.7 | 29 7 17.9093 | 136 54 16.9177 | 685318.068 | - | 53 | 94 |
| A85-CU01 | Source | 400 | 49.09 | 29 5 51.0822 | 136 56 53.8803 | 689605.299 | - | 53 | 16 |
| A85-CU01 | Source | 600 | 34.05 | 29 4 24.2878 | 136 59 30.9058 | 693896.221 | - | 53 | 11 |

Results Drillholes & Sampling Geophysical data downloads Mines and mineral deposits Expired mineral company licences Digital geological map downloads



SARIG Spatial Library



- Geology
- Geophysical
- Drillholes
- Rock Samples
- Earthquakes
- Groundwater
- MINDEP
- Regional Mineral Maps
- Seismic Images
- Seismic Lines
- Tenements/Lease
- Land Access
- Infrastructure
- Resource Investment
- Topographic
- Mapsheets

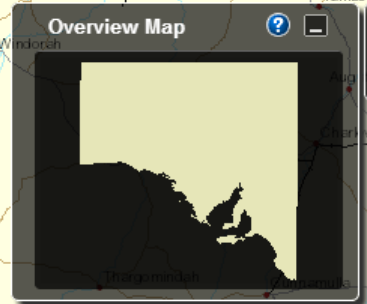
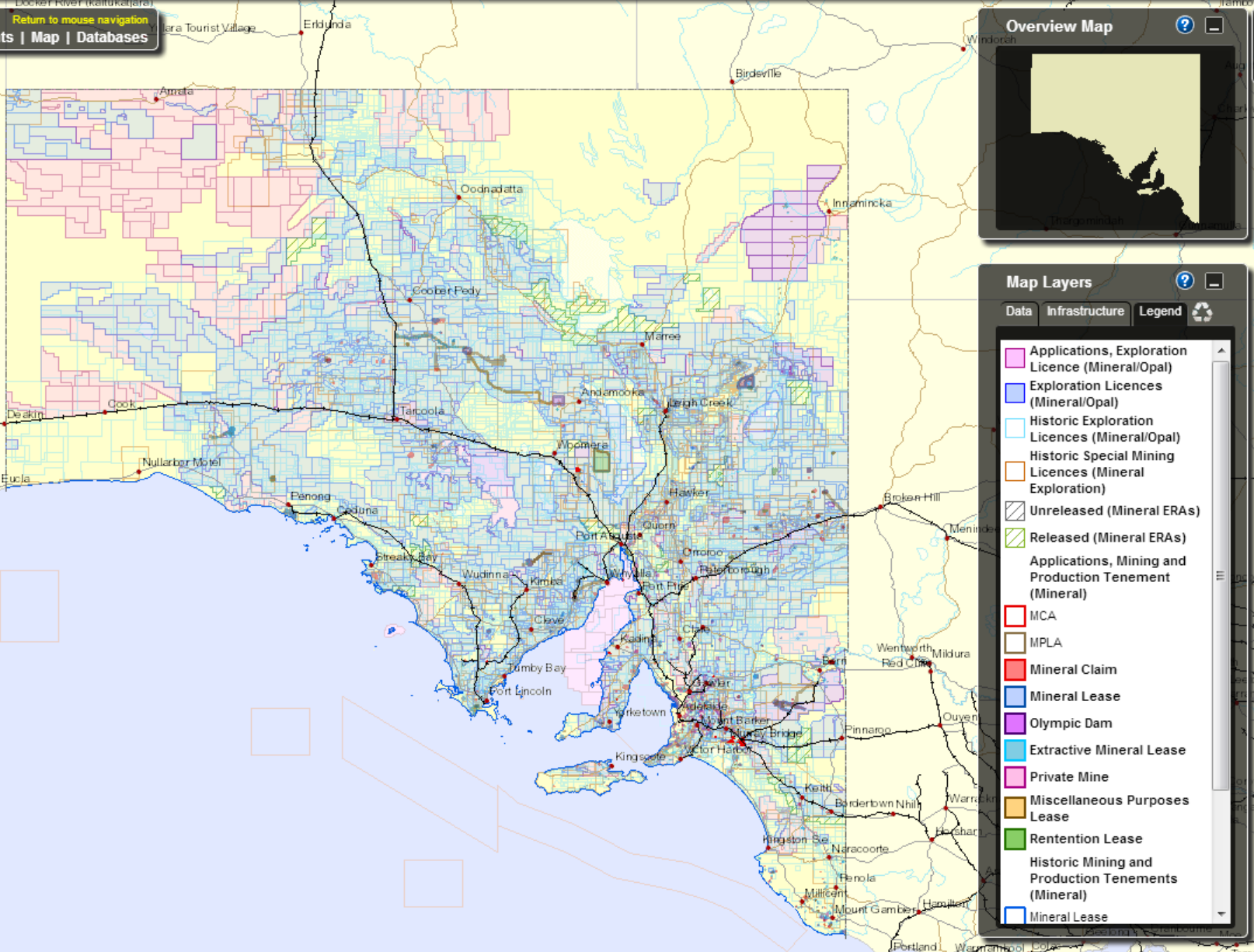
Tenements

- Mineral
- Petroleum
- Geothermal
- Gas Storage
- Aquaculture





Current Action: N/A
Return to mouse navigation
Search/Identify | Tenements | Map | Databases



Map Layers

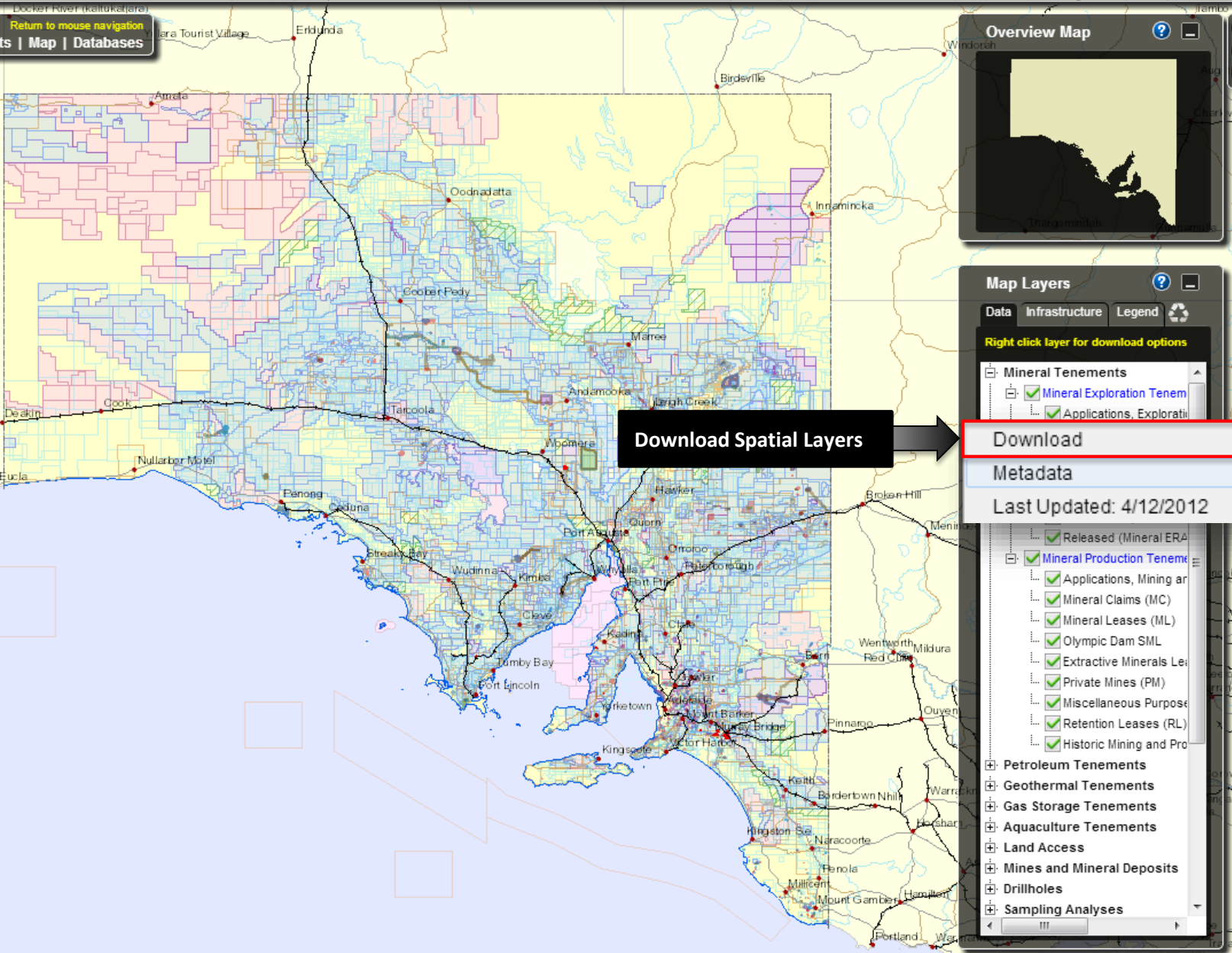
Data Infrastructure Legend

- Applications, Exploration Licence (Mineral/Opal)
- Exploration Licences (Mineral/Opal)
- Historic Exploration Licences (Mineral/Opal)
- Historic Special Mining Licences (Mineral Exploration)
- Unreleased (Mineral ERAs)
- Released (Mineral ERAs)
- Applications, Mining and Production Tenement (Mineral)
- MCA
- MPLA
- Mineral Claim
- Mineral Lease
- Olympic Dam
- Extractive Mineral Lease
- Private Mine
- Miscellaneous Purposes Lease
- Rentention Lease
- Historic Mining and Production Tenements (Mineral)
- Mineral Lease

Map 132° 58' 08" - 36° 01' 22"
Zone MGA53 e 316990 n 6011630
0 133 km
82.8 mi



Current Action: N/A
[Search/Identify](#) | [Tenements](#) | [Map](#) | [Databases](#)



Download Spatial Layers

Overview Map

Map Layers

Data Infrastructure Legend

Right click layer for download options

- Mineral Tenements
 - Mineral Exploration Tenement
 - Applications, Exploratory
- Download**
- Metadata
- Last Updated: 4/12/2012
- Released (Mineral ERA)
- Mineral Production Tenement
 - Applications, Mining ar
 - Mineral Claims (MC)
 - Mineral Leases (ML)
 - Olympic Dam SML
 - Extractive Minerals Lei
 - Private Mines (PM)
 - Miscellaneous Purpose
 - Retention Leases (RL)
 - Historic Mining and Pro
- Petroleum Tenements
- Geothermal Tenements
- Gas Storage Tenements
- Aquaculture Tenements
- Land Access
- Mines and Mineral Deposits
- Drillholes
- Sampling Analyses

0 133 km 82.8 mi

Current Action: N/A
[Return to mouse navigation](#)
[Search/Identify](#) | [Tenements](#) | [Map](#) | [Databases](#)

Overview Map

Map Layers

Data Infrastructure Legend

Right click layer for download options

- Mineral Tenements
 - Mineral Exploration Tenements
 - Applications, Exploratory Licences
 - Exploration Licences (Historic)
 - Historic Exploration Licences
 - Historic Special Mining Licences
 - Mineral Exploration Releases
 - Unreleased (Mineral Exploration)
 - Released (Mineral Exploration)
 - Mineral Production Tenements
 - Applications, Mining Applications
 - Mineral Claims (MC)
 - Mineral Leases (ML)
 - Olympic Dam SML
 - Extractive Minerals Licences
 - Private Mines (PM)
 - Miscellaneous Purpose Licences
 - Retention Leases (RL)
 - Historic Mining and Production Licences
 - Petroleum Tenements
 - Geothermal Tenements
 - Gas Storage Tenements
 - Aquaculture Tenements
 - Land Access
 - Mines and Mineral Deposits
 - Drillholes
 - Sampling Analyses

Download Zip

Download the Applications, Exploration Licence (Mineral/Opal) dataset. The approximate size of this file will be 228 Kb. This dataset was updated 31/07/2013

Choose Format:

- ArcView Shape File
- MapInfo TAB File
- Google KMZ

[Download](#) [Close](#)

Select Download File Format

WinZip Pro - Exploration Licence Applications-Mineral and_or Opal_SHP (4).zip

Home Backup Tools Settings Window Help

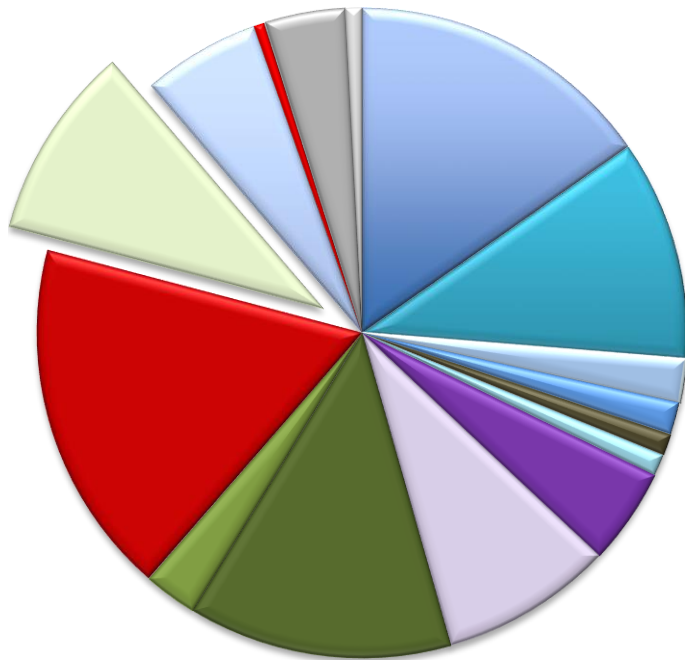
Compress Send Decompress View Editing

| Name | Type | Modified | Size |
|----------------------------------|----------------|--------------------|--------|
| mela_poly_tms_active_ext.dbf | DBF File | 31/07/2013 6:05 AM | 296,76 |
| mela_poly_tms_active_ext.prj | PRJ File | 31/07/2013 6:05 AM | 14 |
| mela_poly_tms_active_ext.sbn | SBN File | 31/07/2013 6:05 AM | 2,86 |
| mela_poly_tms_active_ext.sbx | SBX File | 31/07/2013 6:05 AM | 42 |
| mela_poly_tms_active_ext.shp | SHP File | 31/07/2013 6:05 AM | 288,20 |
| mela_poly_tms_active_ext.shp.xml | XML Docum... | 31/07/2013 6:05 AM | 35,82 |
| mela_poly_tms_active_ext.shx | SHX File | 31/07/2013 6:05 AM | 2,10 |
| Copyright and Disclaimer.txt | Text Docume... | 31/07/2013 6:05 AM | 2,47 |

Selected 0 files, 0 bytes Total 8 files, 615KB



SARIG Spatial Library



- Geology
- Geophysical
- Drillholes
- Rock Samples
- Earthquakes
- Groundwater
- MINDEP
- Regional Mineral Maps
- Seismic Images
- Seismic Lines
- Tenements/Lease
- Land Access
- Infrastructure
- Resource Investment
- Topographic
- Mapsheets

Land Access

- No Exploration or Production Areas
 - Parks and Reserves
 - Wilderness Protection Areas
 - Woomera Protection Area
- Restricted Exploration or Production Areas
 - Parks and Reserves
 - Conservation Reserves
 - Aboriginal Land
- Native Title
- Land Use
- Property Boundaries
- Local Government
- Prescribed Water Wells
- Murray River Water Protection
- Native Vegetation Heritage Area





Current Action: Pan
Return to mouse navigation
Search/Identify | Tenements | Map | Databases



Map 127° 48' 20" - 24° 32' 18"
Zone MGA52 e 379020 n 7285660
0 135 km 83.8 mi

Overview Map

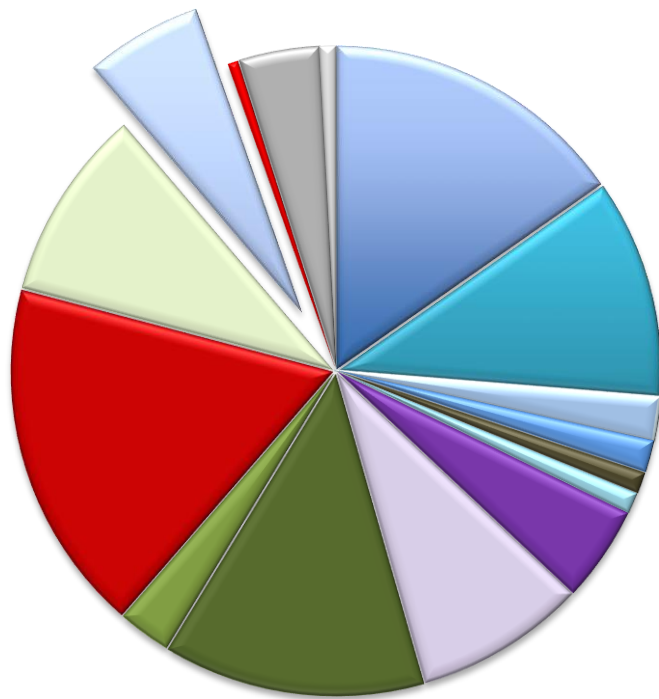
Map Layers

Data Infrastructure Legend

Right click layer for download options

- Mineral Tenements
- Petroleum Tenements
- Geothermal Tenements
- Gas Storage Tenements
- Aquaculture Tenements
- Land Access
 - No Exploration or Production
 - Restricted Exploration or Production
 - Restricted mineral exploration
 - Restricted petroleum/gas
 - Coongie Lakes - Restricted
 - Conservation Reserve
 - Aboriginal Land
 - Woomera Prohibited Area
 - Precious Stones Fields
 - Other Restricted Land
 - Branched Broomrape
 - Marine Park Network
 - Dolphin Sanctuary
 - Great Australian Bight
- Native Title
- Land Use
- Mines and Mineral Deposits
- Drillholes
- Sampling Analyses
- Geology
- Groundwater

SARIG Spatial Library



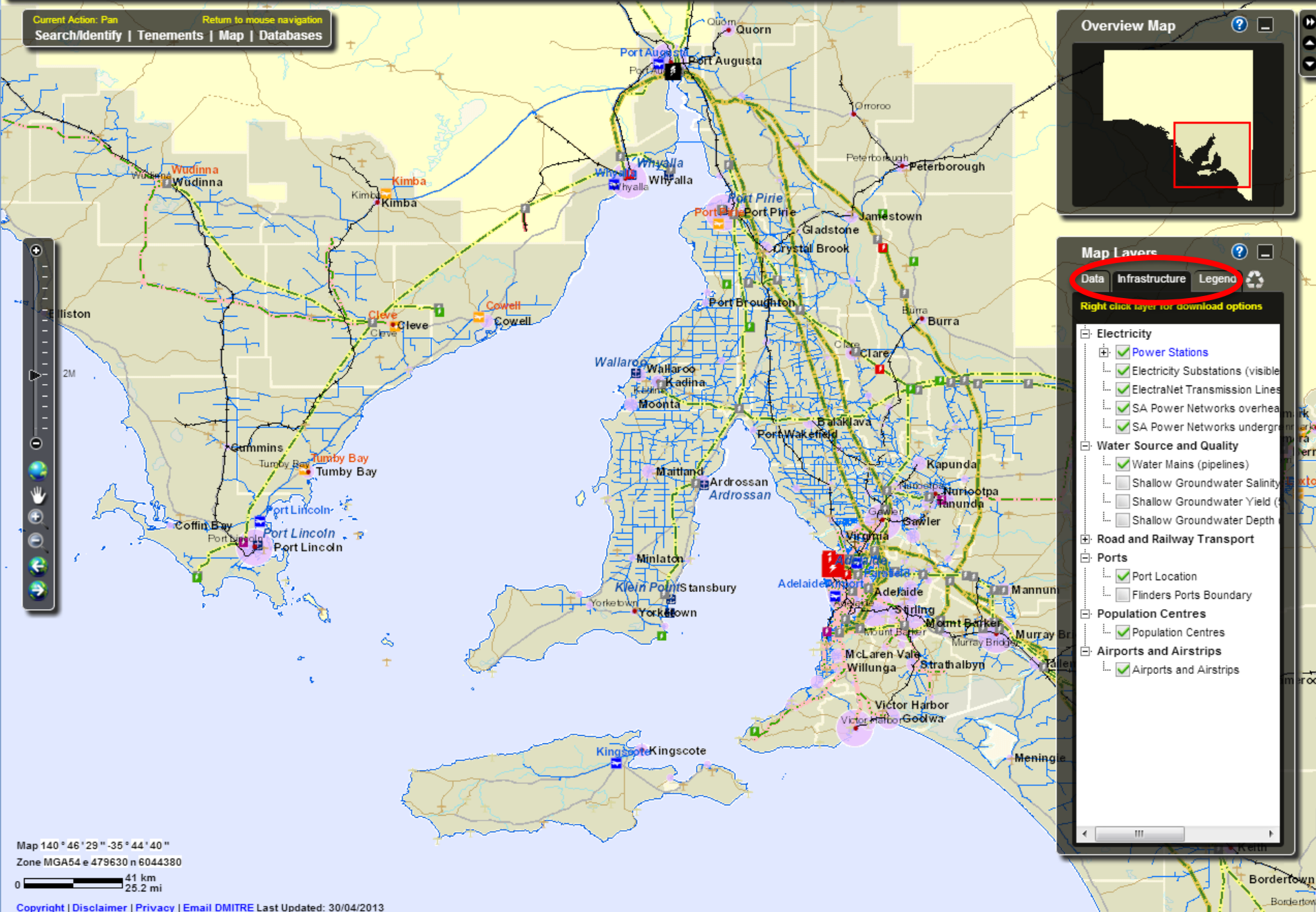
- Geology
- Geophysical
- Drillholes
- Rock Samples
- Earthquakes
- Groundwater
- MINDEP
- Regional Mineral Maps
- Seismic Images
- Seismic Lines
- Tenements/Lease
- Land Access
- Infrastructure
- Resource Investment
- Topographic
- Mapsheets

Infrastructure Channel

- Electricity
 - Power Stations
 - Substations
 - Transmission lines
 - Overhead distribution lines
 - Underground distribution lines
- Water Mains (pipeline)
- Roads and Railway
- Ports - Berths
- Airports and Runways
- Populations Centres (Census)



Current Action: Pan Return to mouse navigation
Search/Identify | Tenements | Map | Databases



Overview Map

Map Layers

Data Infrastructure Legend

Right click layer for download options

- Electricity
 - Power Stations
 - Electricity Substations (visible)
 - ElectraNet Transmission Lines
 - SA Power Networks overhead
 - SA Power Networks underground
- Water Source and Quality
 - Water Mains (pipelines)
 - Shallow Groundwater Salinity
 - Shallow Groundwater Yield
 - Shallow Groundwater Depth
- Road and Railway Transport
- Ports
 - Port Location
 - Flinders Ports Boundary
- Population Centres
 - Population Centres
- Airports and Airstrips
 - Airports and Airstrips

Map 140° 46' 29" - 35° 44' 40"
Zone MGA54 e 479630 n 6044380
0 41 km / 25.2 mi



PACE 2020 (Plan for accelerating exploration 2010-2014)

SARIG 2020 (South Australian Resources Information Geoserver)

- *SARIG Map*
- *Spatial Library*
- ***E-business***
- *Geo-reference*
- *SA Geodata*
- *MetaData*
- *Support and Help*

Online Tenement Wizard

- **Mineral Exploration Release Area (ERA)**
- Mineral Exploration Licence Application (ELA)
- Mineral Exploration Licence Renewal (EL)
- Mineral Exploration Licence Subsequent (EL)

Application Status Tracking Widget



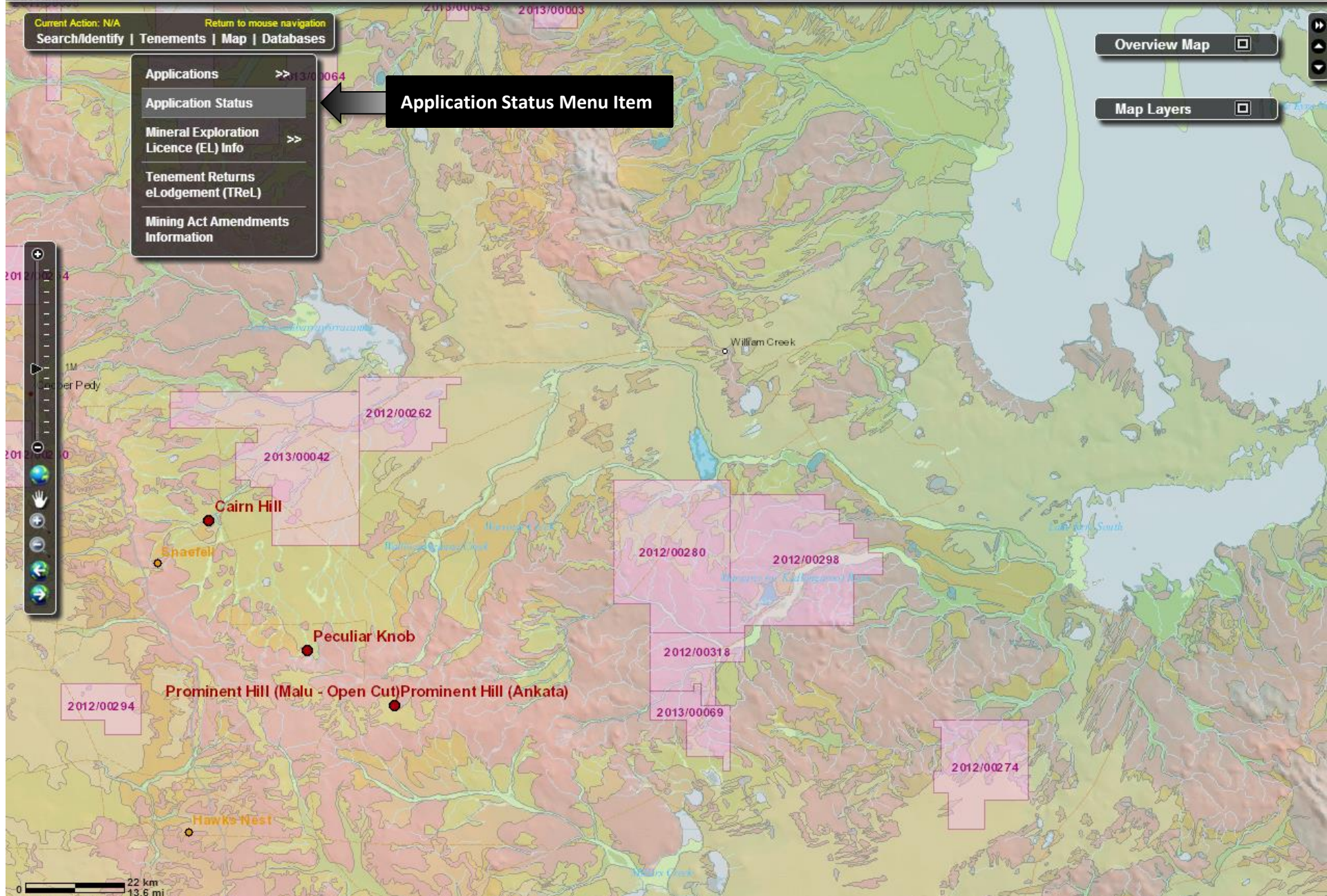


Current Action: N/A Return to mouse navigation
 Search/Identify | Tenements | Map | Databases

- Applications >>> 2013/00064
- Application Status** ← Application Status Menu Item
- Mineral Exploration Licence (EL) Info >>
- Tenement Returns eLodgement (TReL)
- Mining Act Amendments Information

Overview Map

Map Layers



Current Action: Application Status Return to mouse navigation
Search/Identify | Tenements | Map | Databases

Application Status 2013/00064

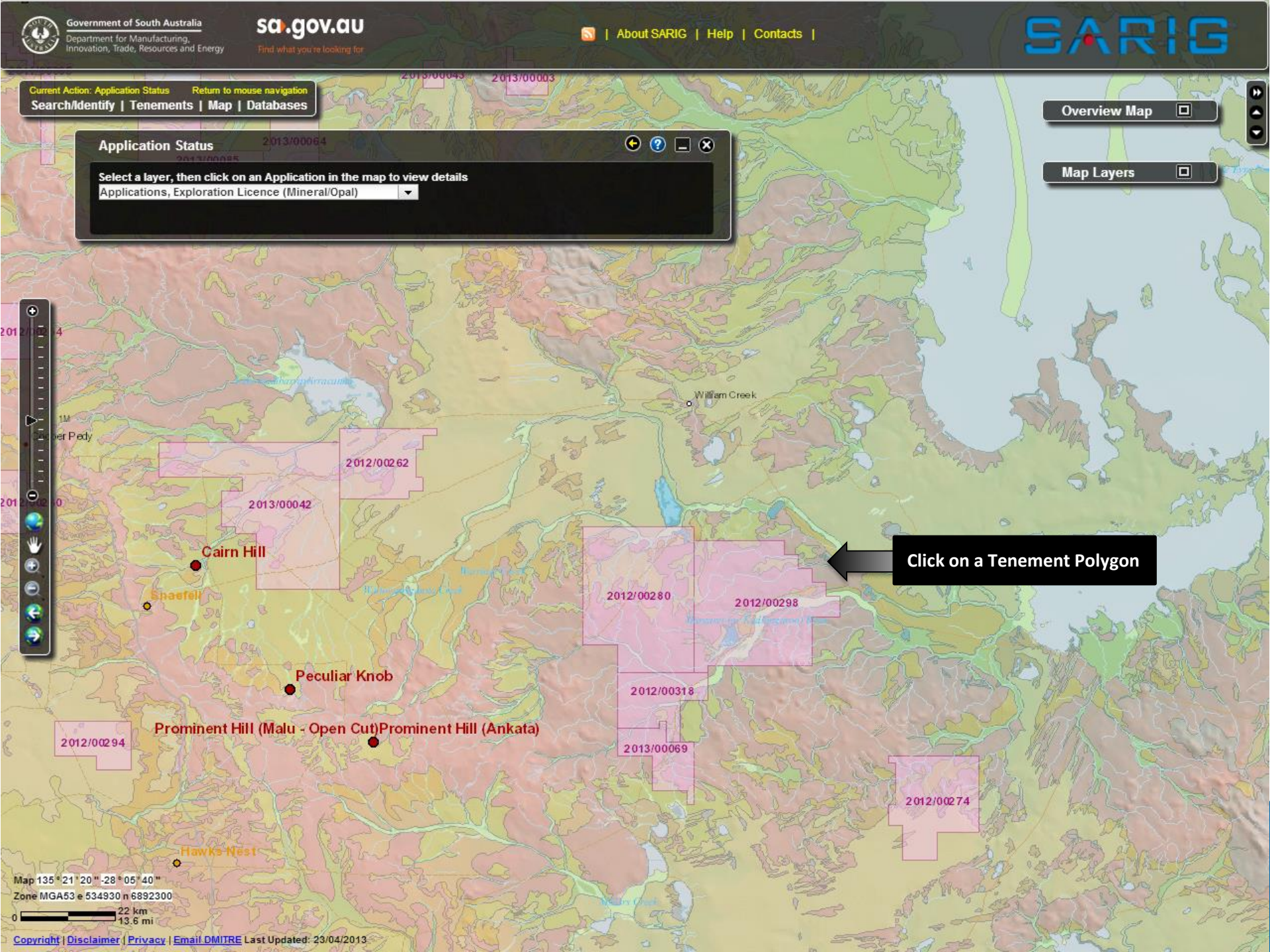
Select a layer, then click on an Application in the map to view details

Applications, Exploration Licence (Mineral/Opal)

Overview Map

Map Layers

Map navigation controls including zoom in (+), zoom out (-), home, and other navigation icons.



Click on a Tenement Polygon

Map 135° 21' 20" - 28° 05' 40"
Zone MGA53 e 534930 n 6892300
0 22 km / 13.6 mi

Current Action: Application Status
Return to mouse navigation
Search/Identify | Tenements | Map | Databases

Overview Map

Map Layers

Application Status

2013/00064

Select a layer, then click on an Application in the map to view details
Applications, Exploration Licence (Mineral/Opal)

File Reference: 2012/00298

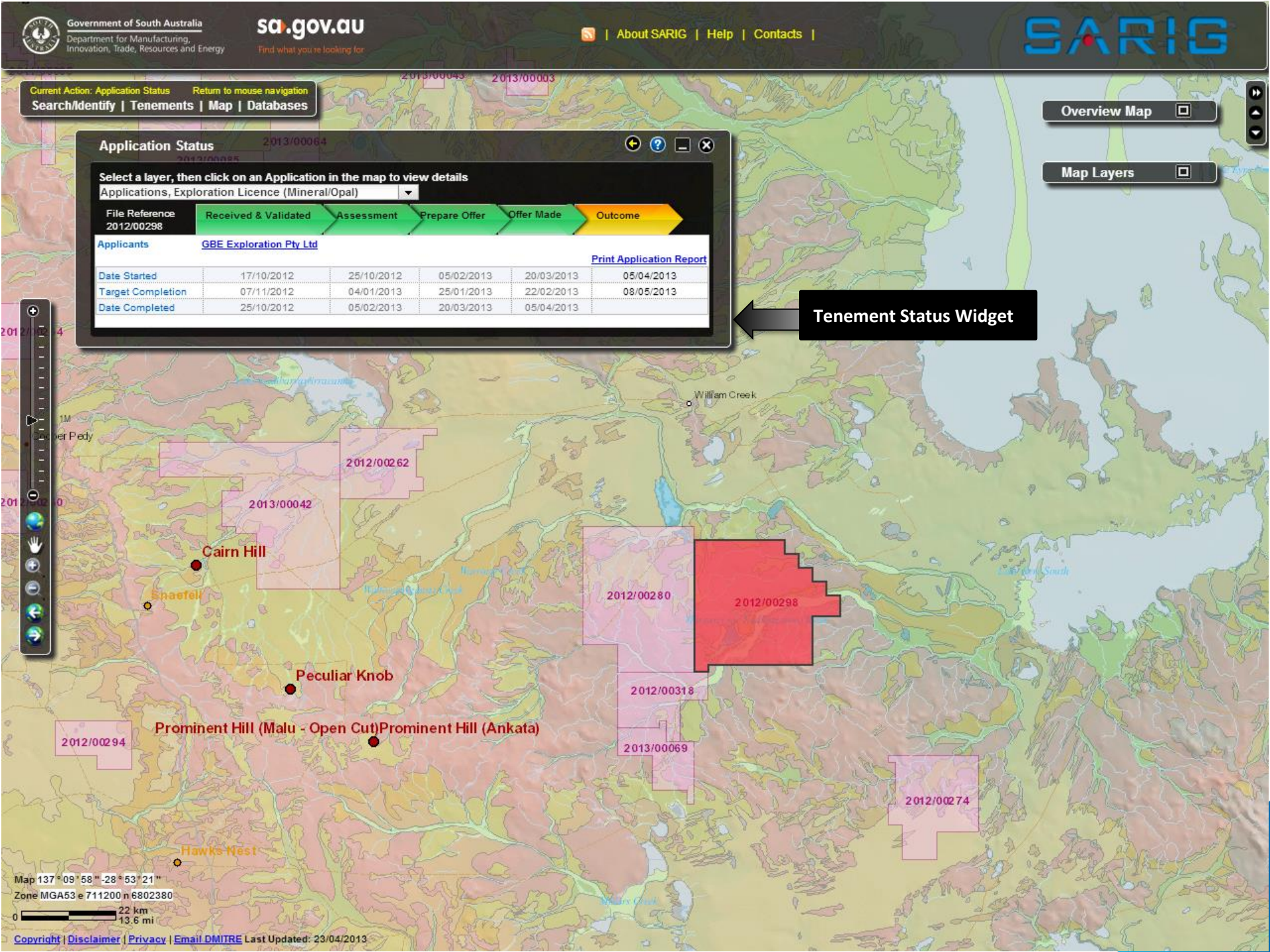
Received & Validated → Assessment → Prepare Offer → Offer Made → Outcome

Applicants: [GBE Exploration Pty Ltd](#)

[Print Application Report](#)

| | Received & Validated | Assessment | Prepare Offer | Offer Made | Outcome |
|-------------------|----------------------|------------|---------------|------------|------------|
| Date Started | 17/10/2012 | 25/10/2012 | 05/02/2013 | 20/03/2013 | 05/04/2013 |
| Target Completion | 07/11/2012 | 04/01/2013 | 25/01/2013 | 22/02/2013 | 08/05/2013 |
| Date Completed | 25/10/2012 | 05/02/2013 | 20/03/2013 | 05/04/2013 | |

Tenement Status Widget



Map 137° 09' 58" - 28° 53' 21"
Zone MGA53 e 711200 n 6802380
0 22 km / 13.6 mi

Application Status 2013/00064

Select a layer, then click on an Application in the map to view details

Applications, Exploration Licence (Mineral/Opal)

File Reference: 2012/00298

Received & Validated → Assessment → Prepare Offer → Offer Made → Outcome

Applicants: [GBE Exploration Pty Ltd](#) [Print Application Report](#)

| | | | | | |
|-------------------|------------|------------|------------|------------|------------|
| Date Started | 17/10/2012 | 25/10/2012 | 05/02/2013 | 20/03/2013 | 05/04/2013 |
| Target Completion | 07/11/2012 | 04/01/2013 | 25/01/2013 | 22/02/2013 | 08/05/2013 |
| Date Completed | 25/10/2012 | 05/02/2013 | 20/03/2013 | 05/04/2013 | |

Application Status





Received and Validated: application has been received and determined to be valid in accordance with the Mining Act.

Assessment: DMITRE and external agencies: DMITRE technical assessment of valid applications, including consultations with other Government Agencies, and formulation of licence conditions.

Prepare Offer: DMITRE Mineral Tenements preparation of Letter of Offer, including approval from the Minister's delegate.

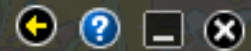
Offer Made: offer of a mineral exploration licence has been made and is being considered by the applicant.

Outcome: the offer of a mineral exploration licence (EL) has been accepted by the applicant and will be granted on completion of statutory advertising (28 days) and DMITRE administrative procedures.

-  Process Complete
-  In Progress
-  Information Requested or Pending
-  Process has not commenced

Application Status

2013/00064



Select a layer, then click on an Application in the map to view details

Applications, Exploration Licence (Mineral/Opal)

File Reference
2012/00298



Applicants

GBE Exploration Pty Ltd

[Print Application Report](#)

| | | | | | |
|-------------------|------------|------------|------------|------------|------------|
| Date Started | 17/10/2012 | 25/10/2012 | 05/02/2013 | 20/03/2013 | 05/04/2013 |
| Target Completion | 07/11/2012 | 04/01/2013 | 25/01/2013 | 22/02/2013 | 08/05/2013 |
| Date Completed | 25/10/2012 | 05/02/2013 | 20/03/2013 | 05/04/2013 | |



Government of South Australia
Department for Manufacturing,
Innovation, Trade, Resources and Energy

Company Application Status Report

Printed on: 24/04/2013

GBE Exploration Pty Ltd

File Reference: ELA 2013/00074
Applicants: GBE Exploration Pty Ltd

| | Received & Validated | Assessment | Prepare Offer | Offer Made | Outcome |
|-------------------|----------------------|------------|---------------|------------|------------|
| Date Started | 20/03/2013 | | | | |
| Target Completion | 10/04/2013 | 07/06/2013 | 28/06/2013 | 26/07/2013 | 09/10/2013 |
| Date Completed | | | | | |

File Reference: ELA 2013/00013
Applicants: GBE Exploration Pty Ltd

| | Received & Validated | Assessment | Prepare Offer | Offer Made | Outcome |
|-------------------|----------------------|------------|---------------|------------|------------|
| Date Started | 17/01/2013 | 25/01/2013 | 27/02/2013 | | |
| Target Completion | 07/02/2013 | 08/04/2013 | 29/04/2013 | 27/05/2013 | 08/08/2013 |
| Date Completed | 25/01/2013 | 27/02/2013 | | | |

File Reference: ELA 2013/00003
Applicants: GBE Exploration Pty Ltd

| | Received & Validated | Assessment | Prepare Offer | Offer Made | Outcome |
|-------------------|----------------------|------------|---------------|------------|------------|
| Date Started | 09/01/2013 | 11/01/2013 | 27/02/2013 | | |
| Target Completion | 30/01/2013 | 29/03/2013 | 19/04/2013 | 17/05/2013 | 31/07/2013 |
| Date Completed | 11/01/2013 | 27/02/2013 | | | |

File Reference: ELA 2012/00298
Applicants: GBE Exploration Pty Ltd

| | Received & Validated | Assessment | Prepare Offer | Offer Made | Outcome |
|-------------------|----------------------|------------|---------------|------------|------------|
| Date Started | 17/10/2012 | 25/10/2012 | 05/02/2013 | 20/03/2013 | 05/04/2013 |
| Target Completion | 07/11/2012 | 04/01/2013 | 25/01/2013 | 22/02/2013 | 08/05/2013 |
| Date Completed | 25/10/2012 | 05/02/2013 | 20/03/2013 | 05/04/2013 | |

File Reference: ELA 2012/00280
Applicants: GBE Exploration Pty Ltd

| | Received & Validated | Assessment | Prepare Offer | Offer Made | Outcome |
|-------------------|----------------------|------------|---------------|------------|-----------|
| Date Started | 05/10/2012 | 02/11/2012 | 17/03/2013 | | |
| Target Completion | 26/10/2012 | 25/12/2012 | 15/03/2013 | | |
| Date Completed | 02/11/2012 | 17/01/2013 | 15/02/2013 | 06/03/2013 | Requested |

Company Report



Government of South Australia
Department for Manufacturing,
Innovation, Trade, Resources and Energy

Application Status Report

Printed on: 24/04/2013

File Reference: ELA 2012/00298
Applicants: GBE Exploration Pty Ltd

| | Received & Validated | Assessment | Prepare Offer | Offer Made | Outcome |
|-------------------|----------------------|------------|---------------|------------|------------|
| Date Started | 17/10/2012 | 25/10/2012 | 05/02/2013 | 20/03/2013 | 05/04/2013 |
| Target Completion | 07/11/2012 | 04/01/2013 | 25/01/2013 | 22/02/2013 | 08/05/2013 |
| Date Completed | 25/10/2012 | 05/02/2013 | 20/03/2013 | 05/04/2013 | |

Details - Received & Validated

Details - Assessment: DMITRE & External Agencies

Circulation
DEWNR (Environment)
Sent: 29/11/2012
Received: 10/12/2012

Circulation
Aboriginal Affairs and Reconciliation Division
Sent: 29/11/2012
Received: 17/12/2012

Circulation
DEWNR (Water)
Sent: 29/11/2012
Received: 03/12/2012

Details - Prepare Offer

Term: Two Years
Annual Commitment: \$240,000.00

Details - Offer Made

Term: Two Years
Annual Commitment: \$240,000.00
Offer Sent: 20/03/2013
Offer Accepted: 05/04/2013

Outcome

Outcome: Exploration Licence
Term: Two Years

Advertised:
Newspaper: Government Gazette
11/04/2013

Newspaper Advertiser: 11/04/2013

Application Report



PACE 2020 (Plan for accelerating exploration 2010-2014)

SARIG 2020 (South Australian Resources Information Geoserver)

- *SARIG Map*
- *Spatial Library*
- *E-business*
- ***Geo-reference***
- *SA Geodata*
- *MetaData*
- *Support and Help*

Publications and Reports
• 100% Historic Company Documents scanned
Plans Library
Geoscience Library
Photo Collection





Current Action: N/A
Return to mouse navigation
Search/Identify | Tenements | Map | Databases

- Publications and Reports
- Field Observations
- Drillholes and Online Core Inspections >>
- Rock Sample Analysis >>
- Geophysical Data
- Petroleum Data >>
- Mines and Deposits
- Geoscience Library
- Online Shop

Publications and Reports

Overview Map

Map Layers

Data Infrastructure Legend

Right click layer for download options

- Mineral Tenements
 - Mineral Exploration Tenement
 - Applications, Exploratory Licences
 - Exploration Licences (Historic)
 - Historic Exploration Licences
 - Historic Special Mining Licences
- Mineral Exploration Releases
 - Unreleased (Mineral Exploration)
 - Released (Mineral Exploration)
- Mineral Production Tenements
 - Applications, Mining Licences
 - Mineral Claims (MC)
 - Mineral Leases (ML)
 - Olympic Dam SML
 - Extractive Minerals Licences
 - Private Mines (PM)
 - Miscellaneous Purpose Licences
 - Retention Leases (RL)
 - Historic Mining and Production Licences
- Petroleum Tenements
- Geothermal Tenements
- Gas Storage Tenements
- Aquaculture Tenements
- Land Access
- Mines and Mineral Deposits
- Drillholes
- Sampling Analyses

0 133 km 82.8 mi



DMITRE Georeference Databases (mineral, petroleum, geothermal and hydrogeological references and free downloads)

Category Searching (default is all categories. Select one or more of the categories then enter your search criteria below.)

DMITRE publications and reports
Includes MESA Journals, Information Sheets, Brochures, Mining Reviews, Bulletins and Reports

Non-DMITRE publications and reports
Other South Australian government agencies and external authors

PACE publications and reports
Plan for Accelerated Exploration (PACE) - a DMITRE and industry partnership.
Search by company or round (e.g. DPY1 for round 1)

DMITRE plans
DMITRE Minerals and Energy Resources produced plans
[Advanced Plans Search](#)

DMITRE photo collection
A representative selection of photos depicting DMITRE Minerals and Energy Resources business and industry dating back to the late 1800s. Full resolution images can be ordered online.
Aboriginal and Torres Strait Islander communities are advised that photographs may contain images of deceased people.
[Advanced Photos Search](#)

Company exploration licence reports
Search syntax:
Company name or prospect
Company envelope number: Env 01234
License references: EL01234, PEL01234, GEL01234

- Mineral
- Petroleum
- Geothermal

Company mining programs and reports
Proposed, approved and historical including:
. Mining Lease proposals
. Tenement Assessment reports
. Mining and Rehabilitation Programs (MARPs) and Programs for Environment Protection and Rehabilitation (PEPRs)
. Environmental Reports
. Compliance Reports
Search by company or program name

Company well completion reports
Petroleum and geothermal wells
Search by well name: e.g. Charo 001 or Charo* for all Charo wells

Information sheet series

- [Mineral](#)
- [Petroleum](#)
- [Geothermal](#)

Regulatory Guideline series

- [Mineral](#)
- [Petroleum & Geothermal](#)

Ministerial Determinations

- [Mineral](#)

For assistance, contact DMITRE, Mineral and Energy Resources Customer Services
1618 8463 5888 or Customer.Services@sa.gov.au

Mining in South Australia

Search

[Advanced Search](#)

Google like search or Advanced Search Option

Search is not case sensitive and wildcard is *

Phrase searching: Search default - entering **gold lead** retrieves records with the exact phrase **gold lead** in any field.
Phrases can be combined using the boolean operators below. (eg **seismic survey & cooper basin** retrieves records with both phrases and **seismic survey, cooper basin** retrieves records with either phrase.)

Boolean search operators:

AND (&) operator: eg. entering **gold & lead** retrieves records containing both gold and lead.

OR (,) operator: eg. entering **gold,lead** retrieves records containing either gold or lead (may contain both).

Criteria may include multiple operators and parentheses may be used to resolve ambiguity. eg (**andamooka,sh3512**)&opal retrieves records with **opal** together with either **andamooka** or **SH3512**

Spaces are not significant in criteria.

Results Per Page: 10

Hit Highlighting: yes

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Functions:

Results: 107


To review and/or refine previous queries, please select History from the Go to... menu at top right.

To order copies (digital or hard copy), click **Select** box(es) then click **Show Selections** then click **Generate Request Form**.
To download multiple electronic documents, click **Select** box(es) then click **Show Selections** then click **Download Selections**.

Records 51 to 60 of 107 Pages: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#)

| Select | Reference SORT | Download Size (Kb) SORT | Title SORT | Last Changed SORT | Licensee SORT | Prepared by SORT | Category SORT |
|--------------------------|----------------------------------|-------------------------------|--|----------------------------|------------------|--|-------------------------------------|
| <input type="checkbox"/> | 51 MESAJ 056 | 13383 | MESA Journal Vol 56, March 2010 (2009 in review). | 2010-08-17 | | | MESA publications |
| <input type="checkbox"/> | 52 MESAJ 059 | 13663 | MESA Journal Vol 59, December 2010. | 2011-02-14 | | PIRSA Division of Minerals and Energy Resources | PIRSA publications |
| <input type="checkbox"/> | 53 MESAJ 060 | 23493 | MESA Journal Vol 60, March 2011 (2010 in review). | 2011-05-31 | | PIRSA - Minerals and Energy Resources | PIRSA publications |
| <input type="checkbox"/> | 54 MESAJ 061 | 12815 | MESA Journal Vol 61, June 2011. | 2013-01-27 | | PIRSA Division of Minerals and Energy Resources | DMITRE publications |
| <input type="checkbox"/> | 55 MESAJ 064 | 16770 | MESA Journal Vol 64, March 2012 (2011 in review). | 2012-06-05 | | DMITRE Resources and Energy Group | PIRSA publications |
| <input type="checkbox"/> | 56 MESAJ 066 | 18129 | MESA Journal Vol 66, September 2012. | 2013-03-07 | | DMITRE Resources and Energy Group | DMITRE publications |
| <input type="checkbox"/> | 57 MESAJ 061 | 12815 | MESAJ 061 Grouping example. | 2013-04-16 | | | DMITRE publications |
| <input type="checkbox"/> | 58 IS M32 | 2193 | Mineral exploration and mining activities within the Woomera Prohibited Area. | 2013-04-17 | | | DMITRE publications |
| <input type="checkbox"/> | 59 RB 2012/00018 | 27672 | Mineral exploration in South Australia 2011-2012. | 2013-05-06 | | DMITRE Resources and Energy Group, Mineral Promotions Team | DMITRE publications |
| <input type="checkbox"/> | 60 IS | 1521 | Mineral exploration licences - General conditions and procedures (Please refer to note below). | 2012-09-26 | | | DMITRE publications |

Records 51 to 60 of 107 Pages: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#)


Click record for Detailed Index



Functions:

Record 1 of 1

First Previous Next Last

To order copies, click **Show Results** and follow the instructions at the top of the page.

Title: Mineral exploration in South Australia, 2011-2012.

Author: Abbot, P.J.

Date: Dec 2012

Prepared by: DMITRE Resources and Energy Group, Mineral Promotions Team

Abstract: South Australia remains a significant global destination for mineral exploration and development players, with a diverse commodity base resulting from a wide variety of ore deposit styles and geological terranes. The State attracts the world's leading explorers and producers, and is regarded as a globally significant exporter of copper, uranium and zircon.

The success of the minerals industry in South Australia continues to be driven by the South Australian Government's PACE 2020, regarded as the benchmark for Government exploration/ mining initiatives around the world that have been set up for stimulating and maintaining exploration activity and economic flow-ons. South Australia maintains its edge in the provision of pre-competitive geoscientific data, again achieving the number 1 world ranking for its publicly funded geoscientific database, and it continues to rank highly for administrative policy excellence, according to the 'Fraser Institute 2011/2012 Survey of Mining Companies'.

Mineral exploration industry success within South Australia in 2011-12 is well documented in this publication, which provides details of company discoveries and drilling highlights on a commodity basis. Achievements for the year include:

- Mineral exploration spending increasing by an impressive 29% to \$328.4 m in 2011-12, the highest expenditure since the peak of pre-GFC spending in 2007-08. This again exceeded the Government's South Australian Strategic Plan Target 41, of \$200 million per year until 2015, and re-confirms industry confidence in South Australia's mineral industry.
- South Australia was again a leading destination for copper, uranium and iron ore exploration, attracting one third of Australia's copper exploration, almost a quarter of Australia's uranium exploration, and two thirds of Australia's non-Western Australia iron ore exploration.
- New mineral discoveries and an advanced exploration environment, made evident by companies announcing 9 maiden resources and by 2 new companies establishing offices in South Australia.

In addition to having commodity expertise and a reputation for greenfields exploration success, South Australia is a global leader in fostering the research and development of cost-competitive innovative exploration technologies. A stand-out example is the Deep Exploration Technologies CRC (DET CRC), which completed an extensive program in 2011/12 with solid advances in new drilling technology.

Download Size (Kb):

2767

Download Document (PDF)

Access to direct Document URL

Document URL:

<https://sarigbasis.pir.sa.gov.au/WebtopEW/ws/samref/sarig1/image/DDD/RB201200018.pdf>

Broad Subject:

Earth sciences information; Mineral industry; Mineral resources

Subject Terms:

[Mineral exploration](#); [Mineral discovery](#); [Mineral resources](#); [Mining](#); [Companies](#); [Productivity](#); [Reviews](#); [Industry statistics](#); [Project development](#); [Management](#); [Commodity economics](#); [Mineral promotion](#); [Mineral research](#); [PACE Initiative](#); [Deep drilling](#); [Deep mining](#); [Technology](#); [Engineering](#); [Innovation](#); [Exploration licences](#); [Mining leases](#); [Mineral policy](#); [Legislation](#); [Documentation](#); [Bibliographies](#)

Locality:

South Australia

Map Sheet:

N/A

Category:

DMITRE publications

Source:

South Australia. Department for Manufacturing, Innovation, Trade, Resources and Energy. Report Book, 2012/00018

Reference:

RB 2012/00018

Catalogue No:

2035445

Date Added:

2013-02-11

Last Changed:

2013-08-07

Collation:

Total pages: 51, 1 appx, figures, plates, references, tables, 1 reps

Date Indexed:

2013-02-11

Indexing Level:

F

Copyright

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Record 1 of 1

First Previous Next Last



PACE 2020 (Plan for accelerating exploration 2010-2014)

SARIG 2020 (South Australian Resources Information Geoserver)

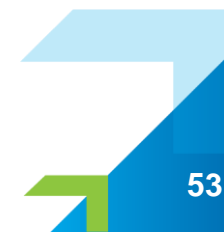
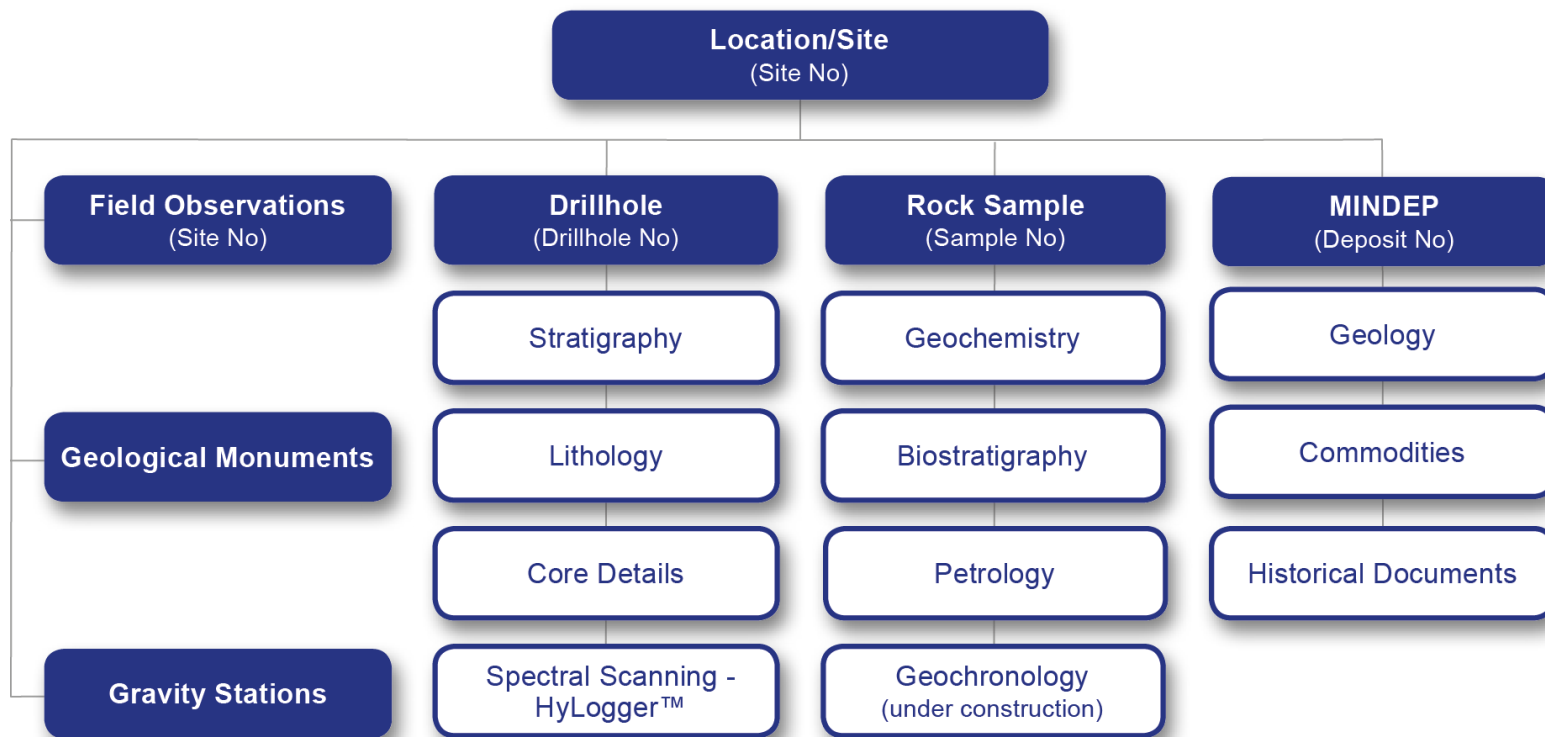
- *SARIG Map*
- *Spatial Library*
- *E-business*
- *Geo-reference*
- ***SA Geodata***
- *MetaData*
- *Support and Help*

Drillholes
Rock Sample
MINDEP
Field Observations
Hylogger™
Data Packages (CSV)



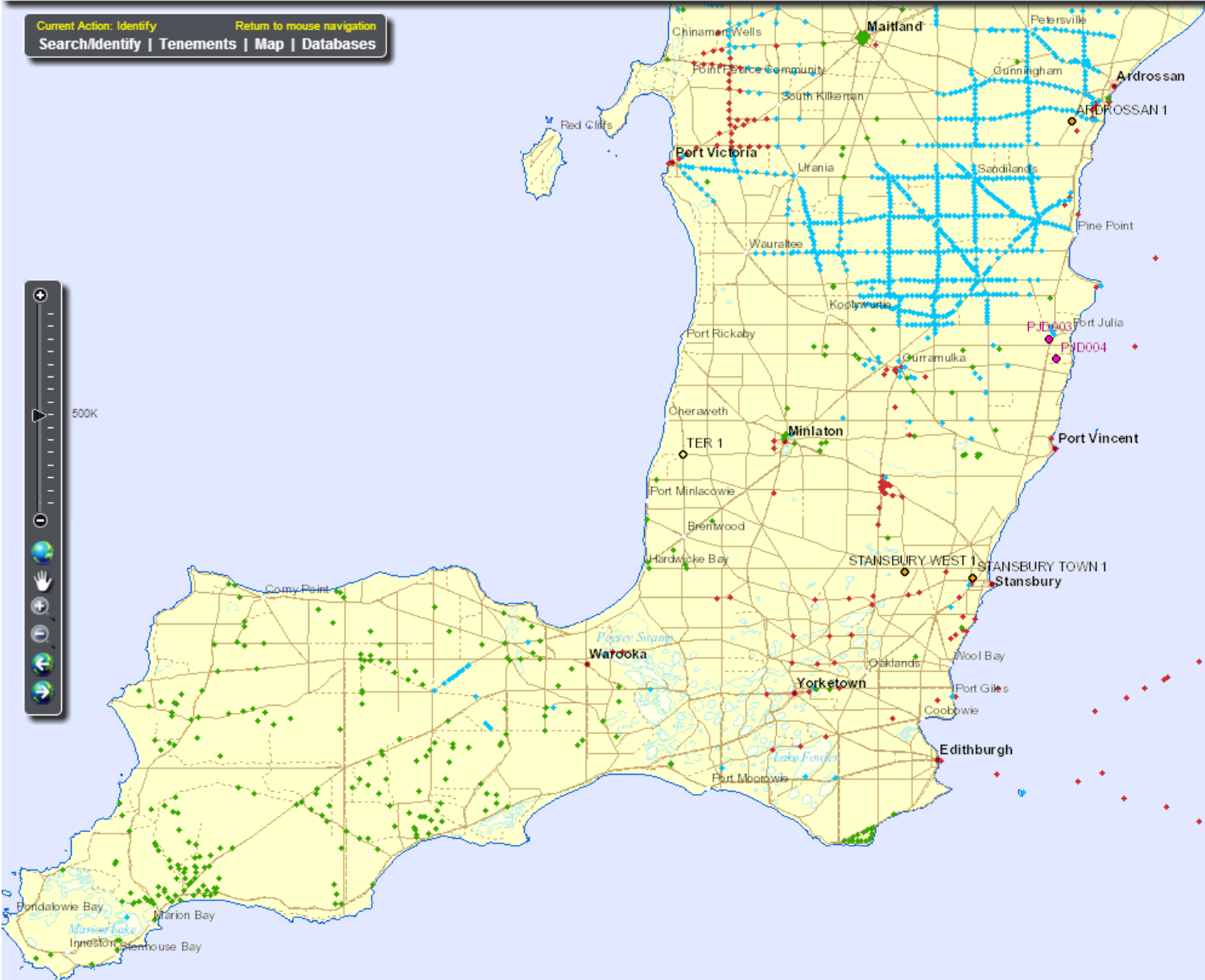


SA Geodata: Geoscientific Database

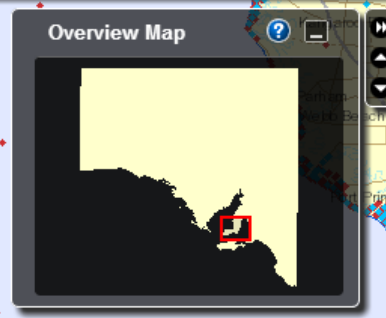


Current Action: Identify Return to mouse navigation
Search/Identify | Tenements | Map | Databases

500K



Overview Map




Map Layers

Data Infrastructure Legend

Right click layer for download options

- Mineral Tenements
- Petroleum Tenements
- Geothermal Tenements
- Gas Storage Tenements
- Aquaculture Tenements
- Land Access
- Mines and Mineral Deposits
- Drillholes
 - All Mineral Drillholes (visible)
 - Hylogger Drillholes
 - PACE drillholes
 - Petrophysical Drillholes
 - Lithology Drillholes (visible)
 - Stratigraphy Drillholes (visible)
 - Geothermal Wells
 - Petroleum Wells
- Sampling Analyses
- Geology
- Groundwater
- Geophysical Data
- Geophysical State Images
- Regional Mineral Maps
- Seismic Lines
- Seismic Horizon Maps
- Earthquakes
- Mapsheets
- Topographic and Cultural

Map 138° 20' 46" - 34° 47' 51"
Zone MGA54 e 257230 n 6146220





Current Action: [Identify](#) [Return to mouse navigation](#)
[Search/Identify](#) | [Tenements](#) | [Map](#) | [Databases](#)

Results (use tabs at base of table for additional information over drawn area)

Drillholes and Rock Sample Analysis

Results are displayed in a summary table with links to detailed information for each record

*Minimising your defined map area will improve search performance.
The search area is restricted to the equivalent of 2 degrees longitude x 2 degrees latitude.*

[Drillhole Search](#)

[Rock Sample Search](#)

[Field Observations Search](#)



Core inspections can be booked online from the summary results table.

- Results
- Drillholes & Sampling
- Geophysical data downloads
- Mines and mineral deposits
- Expired mineral company licences
- Diagrams

Overview Map



Map Layers

- Data
- Infrastructure
- Legend
- Right click layer for download options
- Mineral Tenements
- Petroleum Tenements
- Geothermal Tenements
- Gas Storage Tenements
- Aquaculture Tenements
- Land Access
- Mines and Mineral Deposits
- Drillholes
 - All Mineral Drillholes (visible)
 - Hylogger Drillholes
 - PACE drillholes
 - Petrophysical Drillholes
 - Lithology Drillholes (visible)
 - Stratigraphy Drillholes (visible)
 - Geothermal Wells
 - Petroleum Wells
- Sampling Analyses
- Geology
- Groundwater
- Geophysical Data
- Geophysical State Images
- Regional Mineral Maps
- Seismic Lines
- Seismic Horizon Maps
- Earthquakes
- Mapsheets
- Topographic and Cultural

Drillholes and Sampling Tab

Map 137° 06' 48" - 137° 56' 55"
Zone MGA53 e 692970 n 6130630
0 10 km / 6.4 mi



SA Geodata Database - Drillhole Advanced Search

[Drillhole Quick Search](#)

Drillhole Class

Mineral

Water Wells

Petroleum

Engineering

Drillhole that has

Hylogging Results

Core Sample Analysis

Core in Storage

Stratigraphic Log

Petrophysical Log

Lithological Log

Biostratigraphic Analysis

Historical Documents

Drillhole Stratigraphy

Stratigraphy Unit

or Map Symbol

or GIS Code

Drillhole Details

Drillhole Name

Commodity

Dept/Exploration/Mining Company

EOH Depth > m

Date Drilled From To

Drill Type

Drillhole Reference

Tenement Type

Document Reference Type

Tenement No

Document Reference No

SA Geodata Database Reference

Drillhole Number Unit Number

PACE Drillhole Round Number

Geographic Search Extent

MGA
Top Left Easting Northing Zone

Bottom Right Easting Northing Zone

or
 Lat/Long
Top Left Longitude Latitude

Bottom Right Longitude Latitude

SA Geodata - Database Information Downloads

[Download list of Stratigraphic Units, Map Symbols and GIS codes](#)
[Explanation of the Stratigraphic Map Symbol and GIS code system](#)

Restore Coordinates
from SARIG

Clear Form

Search Database



SA Geodata Database - Drillholes Search Results (5 Records Returned)

| Drillhole Summary | | | | | Drillhole Has | | | | | | | Core Inspection | | |
|------------------------|------------------------|--------------|--|----------------------|---------------|-------------------|-----------|-------------------|-----------|------------------|---------------|-----------------|-----------------|--------------------------|
| DH Number | DH Name | Max Depth(m) | Dept/Expl Mining Company | Exploration Tenement | Strat Log | Petrophysical Log | Litho Log | BioStrat Analysis | Ref Avail | Hylogger Scanned | Core Analysis | Core Available | Core in Storage | Add to Inspection List |
| 21724 | HILLSIDE COPPER MINE 1 | 80.14 | South Australia. Department of Mines and Energy. | | ✓ | | | | ✓ | | ✓ | ✓ | Glenside | <input type="checkbox"/> |
| 143653 | C 12 | 57 | BHP Minerals Ltd. | EL 499 | ✓ | | | | ✓ | | ✓ | | | |
| 262347 | HDD 16 | 600.5 | | EL 3874 | | | | | | | ✓ | | | |
| 262348 | HDD 26 | 826.2 | | EL 3874 | | | | | | | ✓ | | | |
| 262349 | HDD 105 | 676.7 | | EL 3874 | | | | | | | ✓ | | | |

SA Geodata - Data Downloads

Export results to Excel

Download results data package

View results in map window

Print

[Core Library location maps](#)

View core inspection request

Back

Download Data Packages

Request Core Inspection

Select download package:

Drillhole details
(drillhole location, strat and litho logs, core details, references)

Geochemistry results
(geochem intervals and results)

Petrophysical results
Petrophysical download is under construction

Download

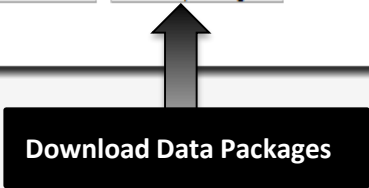
Cancel

SA Geodata MINDEP Database - Mineral Deposit Search Results (10 Records Returned)

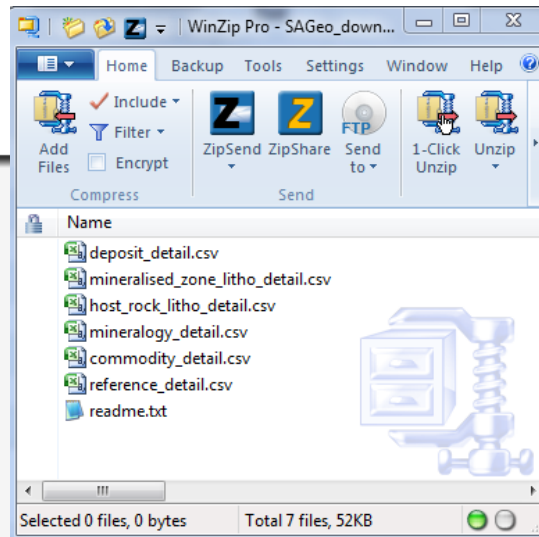
| Mineral Deposit Summary | | | | | | | |
|-------------------------|---------------------|------------------------------------|-----------------------|-----------------------------|---------------------|-------------------|---------------------------|
| <u>Deposit Number</u> | <u>Deposit Name</u> | <u>Deposit Other Names</u> | <u>Discovery Year</u> | <u>Commodities</u> | <u>Deposit Type</u> | <u>References</u> | <u>Historic Mine Card</u> |
| 5047 | Adelaide Cement Co. | | 1888 | Limestone | Quarry | ✓ | ✓ |
| 5088 | Dead Horse Bay | | 1955 | Uranium | Occurrence | ✓ | ✓ |
| 5105 | Harts | Black Point; Goldsworthy; Phillips | 1847 | Copper | Mine | ✓ | ✓ |
| 5108 | Hillside | | 1860 | Copper, Uranium, Gold, Iron | Deposit | ✓ | ✓ |
| 5150 | Ormsby | MI 1935; MI 659; Phillips | 1861 | Copper | Mine | ✓ | ✓ |
| 5160 | Pine Point Clay | | 1908 | Clay | Prospect | ✓ | ✓ |
| 5161 | Pine Point | | 1890 | Iron Ore | Mine | ✓ | ✓ |
| 8029 | Unnamed Calcrete | | | Calcrete | Pit | | |
| 9054 | Unnamed Granite | District Council | | Granite | Pit | | |
| 9575 | Ethel | | 2011 | Copper | Prospect | | |

SA Geodata - Data Downloads

[Export results to Excel](#) [Download results data package](#)



Download Data Packages



[View results in map window](#) [Print](#) [Back](#)



PACE 2020 (Plan for accelerating exploration 2010-2014)

SARIG 2020 (South Australian Resources Information Geoserver)

- *SARIG Map*
- *Spatial Library*
- *E-business*
- *Geo-reference*
- *SA Geodata*
- ***MetaData***
- *Support and Help*

DMITRE Metadata Catalog
ANZLIC Standard
Contact to non-DMITRE Data custodians





Current Action: N/A
Return to mouse navigation
Search/Identify | Tenements | Map | Databases

Overview Map

Map Layers

Data Infrastructure Legend

Right click layer for download options

- Geology
 - Mineral Geological Provinces
 - Petroleum Basins
 - Archaean-Ordovician Solid G
 - 2M Regolith
 - 100K Geology (visible 500K)
 - 2M Geology (visible 4M to 50M)
 - 7M Geology 50% transparent
 - Palaeodrainage Systems
 - Biostratigraphy (subset I)
 - Palaeodrainage Direction
 - Palaeo divides - Tertiary
 - Strandline - Tertiary
 - Quaternary Dune Ranges
 - Coastal sediments - Tertiary
 - Inverted channel - Tertiary
 - Palaeodrainage - Mesozoic
 - Palaeodrainage - Palaeogene
 - Palaeodrainage - Neogene
 - Geological Survey of South Australia
 - 3D Geological Model Areas
- Groundwater
- Geophysical Data
- Geological State Images

Access Metadata

Download

Metadata

Last Updated: 4/12/2012

Map 136°13'01" -24°24'48"
Zone MGA53 e 623380 n 7299490
0 134 km
83.0 mi

DMITRE Metadata Catalog

Dataset

| | |
|----------------------|--------------------------------------|
| Title: | Palaeodrainage - Mesozoic |
| Custodian: | Geological Survey Of South Australia |
| Jurisdiction: | South Australia |

Description

| | |
|------------------|---|
| Abstract: | An interpretation of Mesozoic and Tertiary fluvial sediments. Those sediments and channels are mapped using geological data, drillhole data and geological mapping. The map shows palaeodrainage systems, including the Murray Basin, Lake Eyre Basin, Officer Basin, Pirie |
|------------------|---|

| | |
|-----------------------------|--|
| ANZLIC Search Terms: | GEOSCIENCES Geology GEOSCIENCES Geology Resources MINERALS Exploration |
|-----------------------------|--|

| | |
|------------------------------------|--|
| Dataset classification: | Principal version |
| GEN Category: | South Australia |
| GEN Custodial Jurisdiction: | South Australia |
| GEN Name: | South Australia |
| Geographic Extent Polygon: | 129 -38.5, 129 -26, 141 -26, 141 -38.5 |
| North bounding latitude: | -26 |
| South bounding latitude: | -38.5 |
| East bounding longitude: | 141 |
| West bounding longitude: | 129 |
| SARIG Layer(s): | Geology\Palaeodrainage System |

Data Currency

| | |
|------------------------|------------|
| Beginning Date: | Not Known |
| End Date: | 01/09/2012 |

Dataset Status

| | |
|----------------------------|---|
| Progress: | In Progress |
| Maintenance: | As required |
| Dependant datasets: | Various internal interpretive datasets for the Murray Basin, St Vincent Basin |

Access

| | |
|-----------------------------|--|
| Stored format: | DIGITAL ArcGIS/ArcView, Non-Digital Plotted maps |
| Available format(s): | DIGITAL ArcGIS/ArcView DIGITAL MapInfo NONDIGITAL Plotted maps |



**Department for Manufacturing,
Innovation, Trade, Resources and
Energy**

Metadata: Palaeodrainage - Mesozoic

Date Printed: 24/04/2013

Metadata PDF format



Generate PDF

by both Mesozoic and Tertiary fluvial sediments. Those sediments and channels are mapped using geological data; mapped Basin and Province datasets; and geological understanding of South Australian

Murray Basin, Lake Eyre Basin, Officer Basin, Pirie



PACE 2020 (Plan for accelerating exploration 2010-2014)

SARIG 2020 (South Australian Resources Information Geoserver)

- *SARIG Map*
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- *E-business*
- *Geo-reference*
- *SA Geodata*
- *MetaData*
- ***Support and Help***

SARIG Online Help

- Step by step instructions
- Hints and Notes
- Tailored Video Tutorials
- Troubleshooting

SARIG Alert Banner and What's New

SARIG RSS Feed 

Free Training Workshops

- Tenement and online exploration licence applications
- Company and Government Reports
- Land access
- Drillhole and Geochemistry





SARIG 2020 Winner!

Geospatial Category in the 2013 Australian Government Excellence in eGovernment Awards

‘The SARIG 2020 geospatial web portal is a great example of how government is using location aware information to inform service design and delivery’





DELIVERING
RESULTS

Department for Manufacturing,
Innovation, Trade, Resources and Energy

Thank you

Free SARIG Training Booking: Resources.CustomerServices@sa.gov.au

or Phone (08) 8463 3000



Government
of South Australia

Department for Manufacturing,
Innovation, Trade,
Resources and Energy

PACE exploration
mining
energy
2020 global

www.dmitre.sa.gov.au

