

www.australianminesatlas.gov.au	
Title	Composite Mineral Potential
Custodian	Geoscience Australia (GA)
Jurisdiction	Australia
Description	
Abstract	The Composite Mineral Potential Map shows the highest level of mineral potential out of all the significant types of deposits assessed for a particular geoprovince/subprovince in Australia. Mineral potential assessments were made for 17 significant types of mineral deposits for selected geoprovinces/subprovinces. Where a particular geoprovince/subprovince contains potential for several types of mineral deposits, this geoprovince is assigned the highest level of potential of all the types of deposits assessed for the geoprovince. In this approach, the deposit type with the highest level of potential obscures the lower levels of potential for the other types of deposits in the geoprovince/subprovince. The levels of potential for different types of deposits combined in this way form a 'Composite Mineral Potential Map'. The map has been created by using Spatial Analyst of ArcView 3. Blank areas of map represent geoprovinces that did not have potential for any of the 17 different types of deposits or which were not assessed because of insufficient data.
Search Word(s)	Geosciences Geosciences minerals Composite mineral potential Mineral potential
Geographic Extent Name(s)	Australia, excluding external territories.
Bounding coordinates	North bounding latitude: -10 South bounding latitude: -44 East bounding latitude: 154 West bounding latitude: 113
Type of feature	Polygon coverage
Data Currency	
Beginning Date	Not Known
Ending Date	May 2004
Dataset Status	
Progress	Complete
Maintenance and Update Frequency	As required
Access	

Stored Data Format	DIGITAL - ESRI Shapefile
Available Format Type	DIGITAL - ESRI Shapefile, MS Excel Spreadsheet
Access Constraint	Limited to staff of Geoscience Australia and the Department of Industry, Tourism and Resources.
Data Quality	
Lineage	<p>The pipelines location and attribute data comes from different sources, including:</p> <ul style="list-style-type: none"> • Geoscience Australia's spatial datasets • Pipeline company websites • Code Registrar of South Australia website <p>The original spatial data was provided by the Petroleum and Minerals Division(PMD) of Geoscience Australia.</p>
Positional Accuracy	Variable. The positioning of pipelines is as accurate as supplied in the source data but should not be used as an accurate depiction of location. The position of the pipeline whether above ground or underground is not shown.
Attribute Accuracy	The names, ownership and diameter were taken from the source data where available. Pipeline data was checked against the State Government agency websites and the Code Registrar(including NGPAC) and added if it was not previously recorded. The pipeline regulator was added to the dataset for all gas pipelines from the Code Registrar. As far as is known all pipelines relate to Oil or Gas pipelines. Pipelines containing water for Hydro electricity are not necessarily shown.
Logical Consistency	If ownership and diameter information was not available from the Geoscience datasets, relevant State government agency and company websites were consulted to obtain the information where possible. Where regulator and diameter information was not available the fields were left blank. Where pipeline name or ownership information is not available the field is displayed as 'Unknown'
Completeness	The gas and oil pipeline coverage for the Australian continent and near offshore areas is complete.
Supplementary Information	The pipelines shown are the major transmission routes and their laterals. Distribution networks in urban areas are not included. Where the pipeline name includes the name 'Lateral' this is a side branch of the main pipeline.
Contact Information	
Contact Organisation	Geoscience Australia (GA)
Contact Position	AEGIS Project Manager

Mail Address	GPO Box 378, Canberra, A.C.T.
Locality	Cnr Hindmarsh Drive and Jerrabomberra Ave, Symonston
State	A.C.T.
Country	Australia
Postcode	2601
Telephone	(02) 6249 9672
Facsimile	(02) 6249 9983
Electronic Mail Address	trevor.page@ga.gov.au
Metadata Date	May 2004
Additional Metadata	
Projection	WGD 84