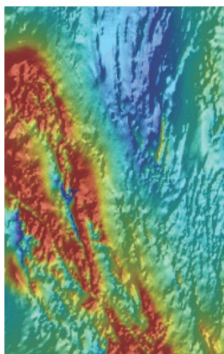


Department of State Development

Metadata: Assessment of mineral
prospectivity of the northern Flinders
Ranges using GIS analysis – Data
Package
(NorthernFlindersRangesProspectivityDa
taPackage.zip)

Date Printed: 05/02/2015



Dataset

Title: Assessment of mineral prospectivity of the northern Flinders Ranges using GIS analysis – Data Package (NorthernFlindersRangesProspectivityDataPackage.zip)

Custodian: Geological Survey of South Australia

Jurisdiction: South Australia

Description

Abstract:

The purpose of this data package is to provide end-users with the GIS datasets used for the 2009 modelling of mineral potential in the Northern Flinders Ranges. The package contains subsets of SA 1:100 000 scale surface geology (polygons) and structural controls, buffered and merged (where appropriate), pertaining to areas within this region that are deemed to be prospective for a range of commodities. The package also contains current (at December 2011) versions of the following regional (Northern Flinders Ranges) GIS layers: Mineral deposits; 1:100 000 scale surface geology; 1:100 000 scale linear structures; sample geochemistry. Please refer to the accompanying pdf file of report book RB200900019, entitled “Assessment of mineral prospectivity of the northern Flinders Ranges using GIS analysis” for a complete description of the mineral potential modelling process and prospectivity maps.

GEN Category: Regional prospectivity map

GEN Custodial Jurisdiction: South Australia

GEN Name: Northern Flinders Ranges, South Australia

Geographic Extent Polygon: -29.755970 138.15329, -29.755970 139.735137, -31.167286 139.735137, -31.167286 138.15329

North bounding latitude: -29.755970

South bounding latitude: -31.167286

East bounding longitude: 139.735137

West bounding longitude: 138.15329

Data Currency

Beginning Date: 20091201

End Date: 20120410

Dataset Status

Progress: Complete

Maintenance: As required

Version Number: 1

Access

Stored format: DIGITAL

Available format(s): DIGITAL

Access constraint(s): None

Data Quality

Lineage: Refer RB200900019

Positional accuracy: Accurate at 1:100 000 scale

Attribute accuracy: Accurate, as contained in SA Geodata

Logical consistency: Consistent

Completeness: Complete, subject to update

Contact Information

Contact organisation: Department of Manufacturing, Innovation, Trade, Resources and Energy

Contact position: Customer Service Centre

Contact mail address: GPO Box 1671, Adelaide SA, 5000

Contact telephone: 08 8463 3000

Contact email: PIRSA.CustomerServices@sa.gov.au

Metadata Dates

Add date: 2012-04-10

Change date: 2012-04-17

Responsible Party

Responsible party: Prospectivity and Geophysics Team, Geological Survey of South Australia

Responsible party function: Publisher

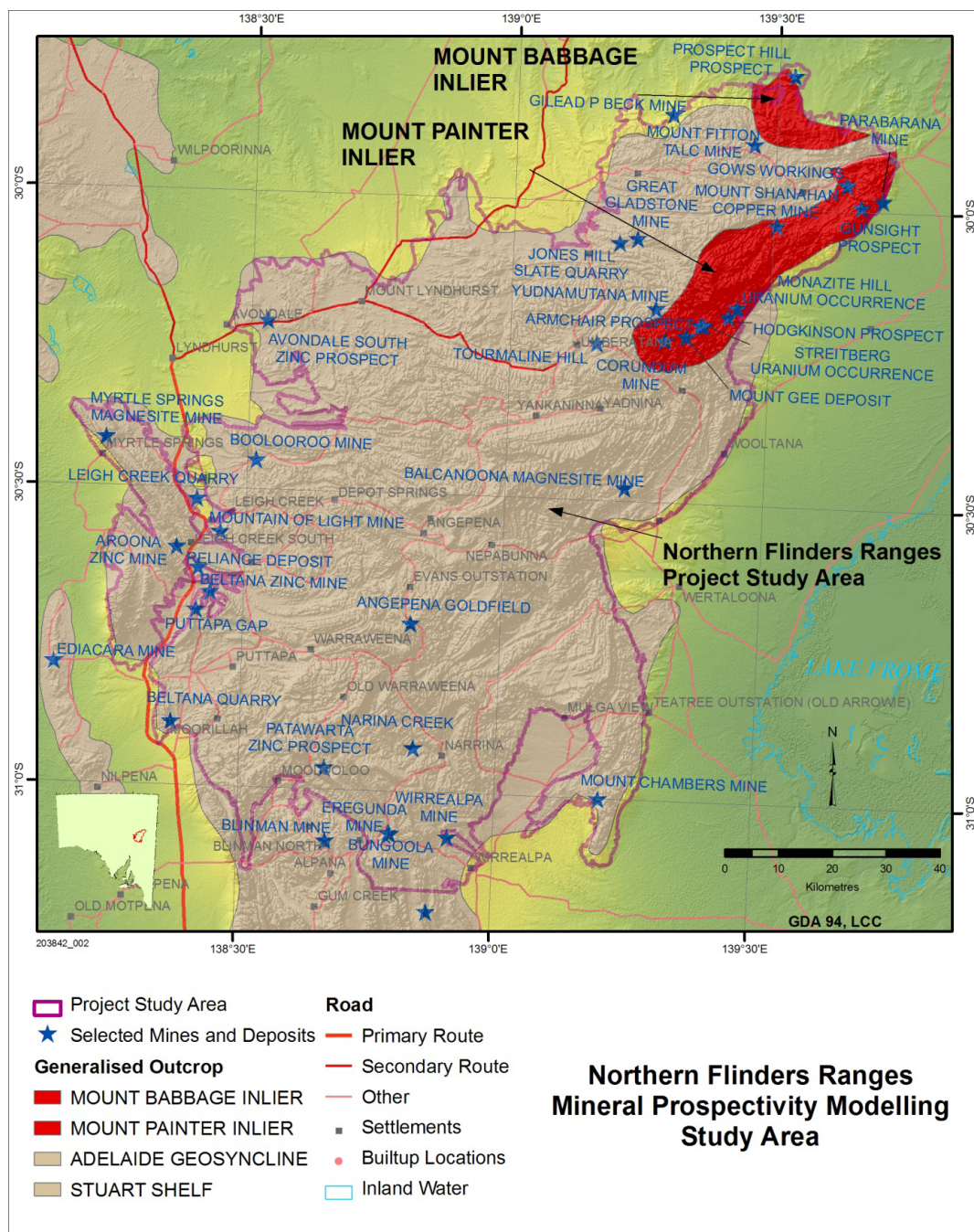
Description

Dataset classification: Derived

Spatial representation type: Vector:Polygon

Dimension: x,y

Sample Graphic(s)



Northern Flinders Ranges Mineral Prospectivity modelling study area

Usage

Purpose: Mineral prospectivity modelling

Use: Preliminary site selection, landuse planning, prospectivity modelling

Usage limitations: Knowledge-driven mineral potential modelling is subjective and the deemed prospectivity of a region is based upon the experience, knowledge and opinions of the contributing geoscientists.

Dataset Associations

Dependant datasets: None

Origin

Dataset size: 72Mb

Projection: Lambert 28+36

Datum: GDA94

Dataset Management

Authorised date: 2012-04-12

Authorised by: Chief Geoscientist, GSSA Mapping and Exploration Group

Attributes
