

Sand category

Yellow sand — yellow to white; typically construction sand quality; residual, eolian in part; minimum 2 m thickness; preferentially overlies the flanks of higher topography in granite and gneiss terrain as thicker sandplains or dunes

Geology

Granitic rocks — granite and granitic gneiss of the Yilgarn Craton  
Greenstone — metamorphosed mafic, ultramafic, metasedimentary, and felsic rocks of the Yilgarn Craton

Sand/gravel pit

Abandoned

Sand sample / seismic observation site

Sample site showing GSWA sample number  
Observation site showing sand thickness in cm  
Passive seismic survey point

Refer to GSWA Record 2014/5 for all sampling results and classification details.  
Note sampling is indicative only. Further investigation is required to define specific resource quality and quantity.

Highway  
Road  
Track  
Railway, operating  
Railway, abandoned  
Locality / place name  
Playa / salt lake  
Section 19/305 (Mining Act 1978) area — Strategic Sand Supplies, Goldfields Esperance Region  
Existing conservation reserve (national park, nature reserve, timber reserve, and conservation park)  
Other Crown reserve

DATA SOURCES

Theme	Data Currency	Organization <sup>1</sup>
Geology *	2013	Geological Survey of Western Australia, Department of Mines and Petroleum
Sand/gravel pit	2013	Geological Survey of Western Australia, Department of Mines and Petroleum
Sand sampling site	2013	Geological Survey of Western Australia, Department of Mines and Petroleum
Section 19 Area (Mining Act 1978)	2013	Geological Survey of Western Australia, Department of Mines and Petroleum
Existing conservation reserve	2013	Department of Parks and Wildlife
Crown reserve	2013	Landgate
Topography	2013	Landgate / Geoscience Australia
Relief shading	2000	Consultative Group for International Agriculture Research — International Center for Tropical Agriculture (CIAT)

\* DMP data can be viewed interactively via GeoVIEW WA <[www.dmp.wa.gov.au/geoview/](http://www.dmp.wa.gov.au/geoview/)>, and related datasets can be downloaded from the GSWA Data and Software Centre <[www.dmp.wa.gov.au/dsc/](http://www.dmp.wa.gov.au/dsc/)>

<sup>1</sup> WA State Government unless otherwise indicated

Compiled by LS Normore 2013-14

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Edited by K Greenberg and B Shewski  
Published by Geological Survey of Western Australia  
This map is published in digital format (PDF) and is available online at <[www.dmp.wa.gov.au/GSWA/publications/](http://www.dmp.wa.gov.au/GSWA/publications/)>.  
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The recommended reference for this map is:  
Normore, LS 2014. A potential long-term source of sand near Boorabbin for the Eastern Goldfields region: Geological Survey of Western Australia, Record 2014/5, Plate 1.

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1:100 000 maps shown in black  
1:250 000 maps shown in brown  
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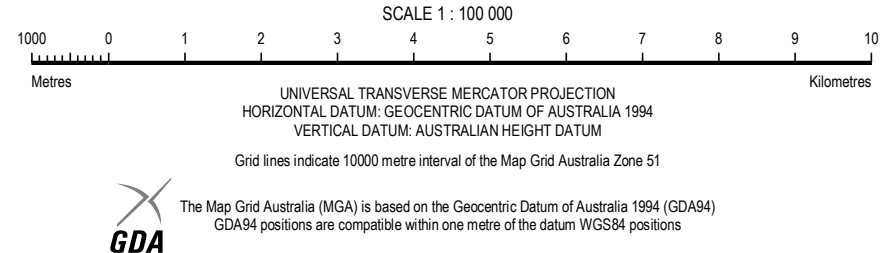


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GEOLOGICAL SURVEY OF WESTERN AUSTRALIA  
RECORD 2014/5 PLATE 1

A POTENTIAL LONG-TERM  
SOURCE OF SAND NEAR BOORABBIN  
FOR THE  
EASTERN GOLDFIELDS REGION

FIRST EDITION 2014  
Version 1 — June 2014

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