

**Regionally significant basic raw materials**

- Gravel
- Limesand
- Limestone
- Sand

**Analyses**

- Limesand:  $CaCO_3$  Acid insoluble residue
- Limestone:  $CaCO_3$  Acid insoluble residue
- Sand and gravel: Sand, Fines, Gravel

**Quarries and pits**

- Active
- Inactive
- Proposed
- Gvl: Gravel
- Lsd: Limesand
- Lst: Limestone
- Sd: Sand

**Tenure for basic raw materials**

- Mining lease, live or pending (Mining Act 1978)
- Prospecting licence (Mining Act 1978)
- Extractive industry licence (Planning and Development Act 2005)
- Crown reserve for basic raw materials

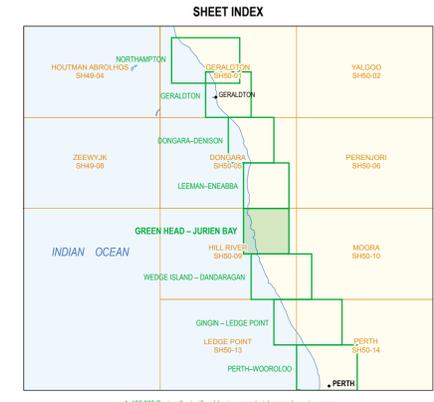
**Boreholes**

- Showing depth to groundwater, in metres
- Showing thickness of surficial material, in metres

**Other symbols:** Highway / major road, Airfield, Local Government Authority boundary, Land title boundary, simplified, Drainage

NOTE: Regionally significant basic raw materials have been compiled from previous geological mapping using various thresholds to identify those areas that have the potential to provide a long-term supply of these materials. Thus, these areas are primarily those with the largest potentially extractable quantities taking depth to water table into account where appropriate. A range of practical high-level planning and mining constraints were applied, but these do not take into account any constraints imposed by State and Commonwealth environmental or heritage legislation. This mapping was compiled to assist government and community decision-making, but cannot be taken as a government endorsement of approval or priority to mining in these areas.

\*Includes local planning schemes with zones of residential, rural residential, rural small holdings, special use, commercial, and public purposes. Also includes areas with existing capital development that is deemed to be too costly to remove or relocate, National Parks and Class 'A' Nature Reserves.



**DATA SOURCES**

Theme	Data Currency	Organization <sup>1</sup>
Boreholes	Dec 2012	Department of Water
Cadastral	Jan 2014	Landgate
Mineral Titles*	June 2015	Mineral Titles Division, Department of Mines and Petroleum
Regionally significant basic raw materials	Oct 2013	Geological Survey of Western Australia, Department of Mines and Petroleum
Topography	2014	Landgate

\*DMP data can be viewed interactively via GeoVIEW.WA (www.dmp.wa.gov.au/geoview/), and related datasets can be downloaded from the GSWA Data and Software Centre (www.dmp.wa.gov.au/datacentre/)  
<sup>1</sup>WA State Government unless otherwise indicated.

Compiled by Geological Survey of Western Australia 2015  
Cartography by C Schroder  
Edited by F Edisson and K Greenberg  
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/GSWAApplications>. Copies are available from:  
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The recommended reference for this map is:  
Geological Survey of Western Australia 2015, Regionally significant basic raw materials, Green Head – Jurien Bay (1:100 000 scale). Geological Survey of Western Australia, Resource potential for land use planning.

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