

Regionally significant basic raw materials

- Gravel
- Hard-rock aggregate
- Limesand
- Limestone
- Sand

Analyses

Limesand

CaCO₃ Add modulus residue

Sand and gravel

Sand Fines Gravel

Quarries and pits

- Active
- Inactive
- Gvl.....Gravel
- Lsd.....Limesand
- Rc.....Crushed Rock
- Sd.....Sand

Highway / major road

Railway, operating

Airport

Mandoorup Aboriginal name

Land title boundary, simplified

Drainage

Tenure for basic raw materials

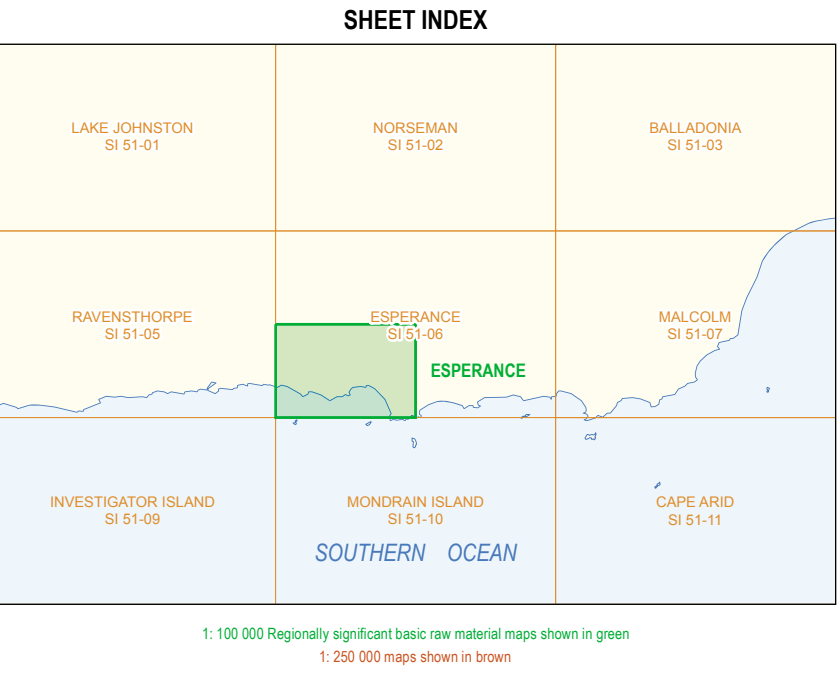
- Extractive industry licence (Planning and Development Act 2005)
- Crown reserve for basic raw materials

Boreholes

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

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 scheme 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.

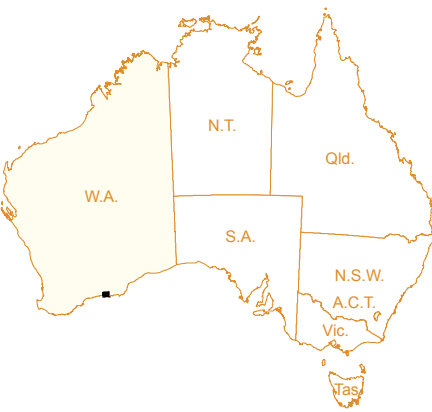


DATA SOURCES		
Theme	Data Currency	Organization*
Boreholes (water)	Dec 2012	Department of Water
Cadastral	July 2015	Landgate
Mineral Titles*	Dec 2015	Mineral Titles Division, Department of Mines and Petroleum
Regionally significant basic raw materials	Aug 2015	Geological Survey of Western Australia, Department of Mines and Petroleum
Topography	2015	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/dsc>

1 WA State Government unless otherwise indicated

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The recommended reference for this map is:
Geological Survey of Western Australia 2015, Regionally significant basic raw materials, Esperance (1:100 000 scale);
Geological Survey of Western Australia, Resource potential for land use planning.
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