

MINERAL RESOURCES
TASMANIA
DEPARTMENT OF INFRASTRUCTURE
ENERGY AND RESOURCES

TASMANIAN GEOLOGICAL SURVEY

TASMANIAN CONSTRUCTION MATERIALS SITES

SCALE 1:500000



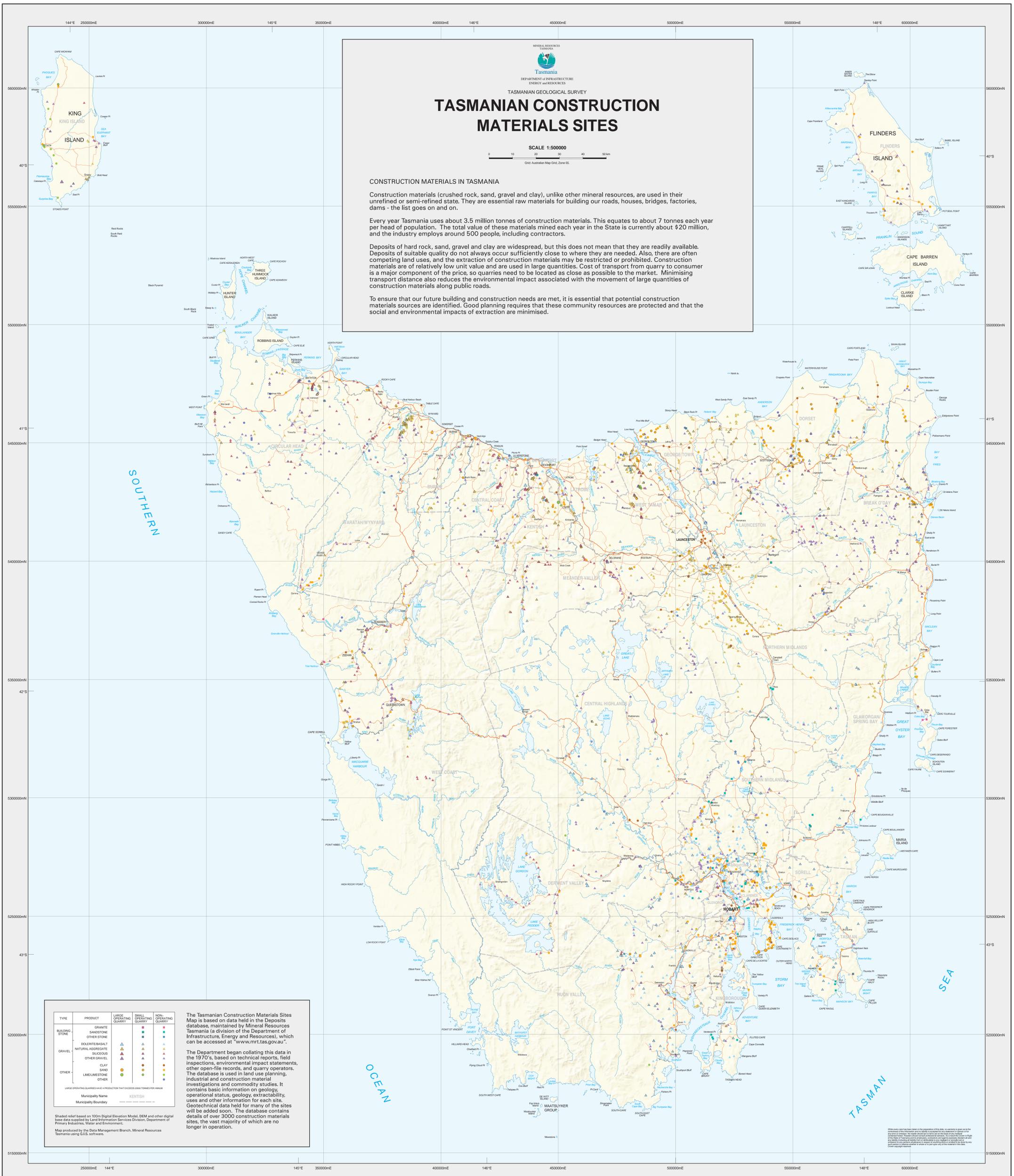
CONSTRUCTION MATERIALS IN TASMANIA

Construction materials (crushed rock, sand, gravel and clay), unlike other mineral resources, are used in their unrefined or semi-refined state. They are essential raw materials for building our roads, houses, bridges, factories, dams - the list goes on and on.

Every year Tasmania uses about 3.5 million tonnes of construction materials. This equates to about 7 tonnes each year per head of population. The total value of these materials mined each year in the State is currently about \$20 million, and the industry employs around 500 people, including contractors.

Deposits of hard rock, sand, gravel and clay are widespread, but this does not mean that they are readily available. Deposits of suitable quality do not always occur sufficiently close to where they are needed. Also, there are often competing land uses, and the extraction of construction materials may be restricted or prohibited. Construction materials are of relatively low unit value and are used in large quantities. Cost of transport from quarry to consumer is a major component of the price, so quarries need to be located as close as possible to the market. Minimising transport distance also reduces the environmental impact associated with the movement of large quantities of construction materials along public roads.

To ensure that our future building and construction needs are met, it is essential that potential construction materials sources are identified. Good planning requires that these community resources are protected and that the social and environmental impacts of extraction are minimised.



| TYPE | PRODUCT | LARGE OPERATING QUARRY | SMALL OPERATING QUARRY | NON-OPERATING QUARRY |
|----------------|------------------------|------------------------|------------------------|----------------------|
| BUILDING STONE | GRANITE | ■ | ▲ | ■ |
| | SHOESTONE | ■ | ▲ | ■ |
| | OTHER STONE | ■ | ▲ | ■ |
| GRAVEL | DOLERITE/BASALT | ▲ | ▲ | ▲ |
| | NATURAL AGGREGATE | ▲ | ▲ | ▲ |
| | SILICEOUS OTHER GRAVEL | ▲ | ▲ | ▲ |
| OTHER | CLAY | ● | ● | ● |
| | SAND | ● | ● | ● |
| | LIKELIMESTONE OTHER | ● | ● | ● |

LARGE OPERATING QUARRIES HAVE A PRODUCTION THAT EXCEEDS 2000 TONNES PER ANNUM

Municipality Name: _____

Municipality Boundary: - - - - -

The Tasmanian Construction Materials Sites Map is based on data held in the Deposits database, maintained by Mineral Resources Tasmania (a division of the Department of Infrastructure, Energy and Resources), which can be accessed at "www.mrt.tas.gov.au".

The Department began collating this data in the 1970's, based on technical reports, field inspections, environmental impact statements, other open-file records, and quarry operators. The database is used in land use planning, industrial and construction material investigations and commodity studies. It contains basic information on geology, operational status, geology, extractability, uses and other information for each site. Geotechnical data held for many of the sites will be added soon. The database contains details of over 3000 construction materials sites, the vast majority of which are no longer in operation.