



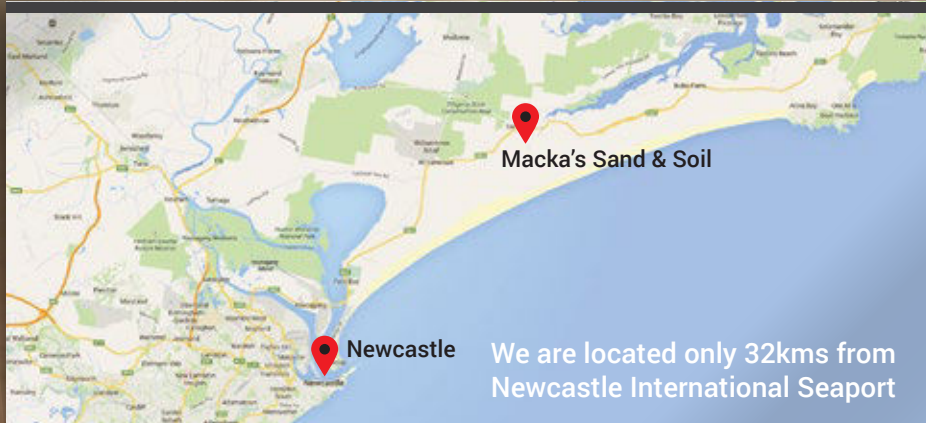
Macka's Sand & Soil Supplies

2684 Nelson Bay Rd
Salt Ash NSW 2318

mackassand.com.au
+61 2 4982 6227
sales@mackassand.com.au



MACKA'S
SAND & SOIL
SUPPLIES



The Sand Resource
of the Future

www.mackassand.com.au

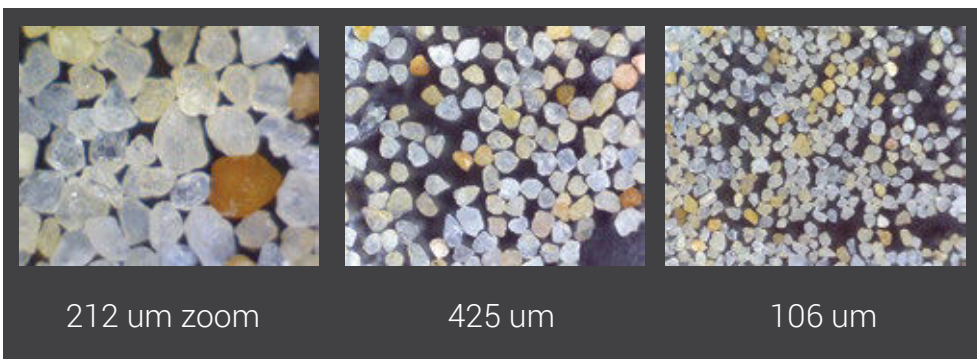
www.mackassand.com.au



MACKA'S SAND

The sand resource of the future is found at Macka's Sand and Soil. From the vast tracts of dune sand to the carefully processed, screened, blended, tested and developed final product, Macka's Sand and Soil provides what you need.

CLEAN FINE TO MEDIUM QUARTZ SAND



212 um zoom

425 um

106 um

This excellent quartz sand is consistent and has good structural integrity. It will maintain structure throughout handling. There is no free clay or silt component under testing. The sand is rounded to sub rounded, essentially fine mainly siliceous, with quite hard, strong and durable fragments.

Industries supplied: Glass and Foundry – Construction – Sport and Recreation – Landscape and Horticultural

Chemical Properties


Concentration % Oven dried w/w basis	
SiO ₂ (bal)	98.83
Na ₂ O	0.03
K ₂ O	0.14
CaO	0.02
MgO	<0.01
Al ₂ O ₃	0.49
TiO ₂	0.17
Fe ₂ O ₃	0.14
Cr ₂ O ₃	0.0006
LOI	0.18

Particle Density & Water Absorption Report


Material Type :	medium to fine SAND
Material Source :	Salt Ash Quarry
Sample Location :	Dune Sand Salt Ash
Water Absorption (%) :	0.4
Particle Density DRY (t/m ³) :	2.62
Particle Density SSD (t/m ³) :	2.64
Apparent Particle Density (t/m ³) :	2.66

Products Mackas Sand and Soil Supply:

- Grey Loam
- Screened sand
- Pipe bedding sand
- Retention sand
- Wisconsin sand
- Screened brown sand
- Track sand / washed sand
- Playground sand
- Garden soil
- Turf Underlay

 Macka's Sand and Soil encompasses various extensive sites.

 **Northern Site:** screened sand and loams

 **Central Site:** Mackas sand and soil supplies washed sand

 **Southern Site:** screened sand and export quality

 497 hectares of pristine sand provide 162 million tonnes.