



FACT SHEET

Rock Supply

Beaudesert Blue Metal Quarries supplies rock to the project from its quarry at Bromleton, near Beaudesert, Queensland. The rock has been carefully sourced to ensure that minimal fine material is transported with the rock, to reduce the potential for turbidity.

The rock is transported to the construction site by rail company, Pacific National. Approximately 1km of rail siding was constructed next to the quarry to facilitate the rock loading.

Rock transport containers have been purpose built for the rail wagons, and are strengthened to cope with the weight of the rock. The containers are unloaded at the Port of Brisbane's container rail facility at Fisherman Islands – the Brisbane Multimodal Terminal (BMT).

At the BMT the containers are then transferred to trucks known as 'Skel-Tippers', which transport them directly to the workface. The Skel-Tippers have a modified trailer to carry overweight loads and operate under a special 'Mass Management' permit.



The Skel-Tippers hydraulically tip the container, placing the rock on top of the geotextile where it is then shaped by dozers and excavators, including a heavy-duty longreach excavator to create the seawall.

Each rail delivery consists of 106 containers of rock on 53 rail carriages. The total train load will hold approximately 3,300 tonnes.

The use of rail instead of trucks to transport the rock to site will replace the need for over 60,000 truck movements via the road network over the duration of the project.