

Mooloolaba Foreshore Revitalisation



Tuesday 14 March – Thursday 16 March 2023, 6am – 6pm (weather dependent)
Monday 20 March – Wednesday 22 March 2023, 6am – 6pm (if required)



Geotechnical Investigations



Various locations between Beach Terrace and Mooloolaba Surf Life Saving Club,
Mooloolaba Foreshore

Overview

The Central Meeting Place is the next stage of the foreshore to be constructed as part of the Mooloolaba Foreshore Revitalisation. This precinct covers 6500 square metres of beachfront parkland near the Brisbane Road entry point along the Mooloolaba Esplanade.

It will feature new viewing decks, meeting places, picnic areas, public amenities, beach showers, significant landscaping, an integrated seawall, and a coastal pathway.

Detailed design is now underway to refine technical building plans. Early works are expected to start in late 2023/early 2024 (subject to funding and approvals).

As part of the detailed design process, geotechnical investigations are required to assess the ground properties of the site for proposed foreshore infrastructure.

Future stages of the Mooloolaba Foreshore Revitalisation include the Central Parkland and Southern Parkland (refer Figure 2).

Parts of the Southern Parkland area are included as part of these geotechnical investigations.

Council is currently exploring construction and budget efficiencies, along with potential funding opportunities, to possibly build some elements of the adjoining foreshore stages at the same time.

Our community will be informed as detailed design, funding, and construction plans progress.

What are geotechnical investigations?

Geotechnical investigations are required for most building and construction projects. Investigations are carried out by experienced geotechnical engineers or engineering geologists using specialist equipment and machinery

Soil and rock samples are collected to provide information on the ground nature, its strength, groundwater conditions and other characteristics needed to inform construction plans.

Visual inspections also form part of these investigations.

What to expect during this work

A series of boreholes and dugout areas will be excavated along the foreshore area between Beach Terrace and the Mooloolaba Surf Life Saving Club, in key locations along the beach, parkland, and Esplanade (refer Figure 3).

Construction crews will use a combination of small vehicle drill rigs and a larger excavator to collect soil/sand and rock samples from various depths up to 8 metres (refer Figure 1).

Investigations will help to determine the location and depth of the existing seawall foundations, located beneath the sand level.

At the completion of works, all areas will be backfilled with sand/soil. Some minor landscaping works may be required in areas.

Intermittent, low-medium level noise impacts can be expected with construction workers, machinery, and vehicles on site.



Figure 1. Example of the small vehicle drill rigs used.

Temporary changes to access and traffic conditions

Community access will be maintained along the Mooloolaba foreshore. To ensure the safety of our community, pedestrian and traffic management measures will be in place.

During these geotechnical investigations some areas will be temporarily fenced off for safety.

Council officers will liaise with adjacent businesses prior to investigation works.

Every effort will be made to minimise investigation impacts where possible.

Environmental controls

The appointed contractor works under strict government environmental legislation. The relevant environmental permits have been completed to undertake these works.

Further information

Please contact council's customer service team on (07) 5475 7272 and quote 'Mooloolaba Foreshore project' or email mfr@sunshinecoast.qld.gov.au.

For more information on the Mooloolaba Foreshore Revitalisation, visit sunshinecoast.qld.gov.au/mfr.



Figure 2. Indicative map of the Mooloolaba Foreshore Revitalisation.



Figure 3. Indicative area where borehole testing will be undertaken.