

Summary of Assets within Moolap

Public Assets - Drainage

Assets located within 0.20m SLR +1% AEP: Drainage Pipes (CoGG) - Length (m) = Drainage Pits (CoGG) - Number = Assets located within 0.50m SLR +1% AEP: Drainage Pipes (CoGG) - Length (m) = Drainage Pits (CoGG) - Number = Assets located within 0.80m SLR +1% AEP: Drainage Pipes (CoGG) - Length (m) = 2397 Drainage Pits (CoGG) - Number =

Public Assets - Roads

Assets located within 0.20m SLR +1% AEP: Paths - Bicycle (CoGG) - Length (m) = Roads (CoGG) - Length (m) = Assets located within 0.50m SLR +1% AEP: Paths - Bicycle (CoGG) - Length (m) = 670 Roads (CoGG) - Length (m) = Assets located within 0.80m SLR +1% AEP: Kerb & Channel (CoGG) - Length (m) = Paths - Bicycle (CoGG) - Length (m) = Road Signs (CoGG) - Number = Roads (CoGG) - Length (m) = 401 Roads (VicRoads) - Length (m) =

Public Assets - Utilities

Assets located within 0.20m SLR +1% AEP: Sewer Pressure Pipes (BW) - Length (m) = Water Pipes (Barwon Water) - Length (m) = Assets located within 0.50m SLR +1% AEP: Gas Pipeline - Length (m) = Sewer Pressure Pipes (BW) - Length (m) = Water Pipes (Barwon Water) - Length (m) = Assets located within 0.80m SLR +1% AEP: Electricity Poles (Powercor) - Number = Electricity Substation (Powercor) - Number = Gas Pipeline - Length (m) = Sewer Pressure Pipes (BW) - Length (m) = Street Lights (Powercor) - Number = Street Lights (VicRoads) - Number = Water Nodes (Barwon Water) - Number = Water Pipes (Barwon Water) - Length (m) =

Private Assets

Assets located within 0.50m SLR +1% AEP: Buildings (Private) - Number = Assets located within 0.80m SLR +1% AEP: Buildings (Private) - Area (ha) = Buildings (Private) - Number = Business Locations (ABR) - Number =

0.15

Environmental Assets

Assets located within 0.20m SLR +1% AEP: Wetland Area (ha) = Assets located within 0.50m SLR +1% AEP: Wetland Area (ha) = 7.37 Assets located within 0.80m SLR +1% AEP: Wetland Area (ha) = 7.44

Moolap Total Area = 64.15 ha

Glossary

AEP - Annual Exceedence Probability (1% AEP correlates to a 1 in 100 year event)

BW - Barwon Water CCMA - Corangamite Catchment Management Authority CoGG - City of Greater Geelong

EVC - Ecological Vegetation Classes LCHA - Local Coastal Hazard Assessment

LGA - Local Government Area SLR - Sea Level Rise



Micro Location within LCHA



Compartment Water Bodies (1:25K)



Borough of Queenscliffe Area

Legend Assets displayed on maps are based on the 0.80m SLR + 1% AEP Shoreline - LCHA Moolap Area Boundary

(based on erosion scarp)

LCHA 1% AEP + 0.20m SLR - Dynamic Model

LCHA 1% AEP + 0.50m SLR - Dynamic Model

LCHA 1% AEP + 0.80m SLR - Dynamic Model



Public Open Space/Community

Scale 1:8,000 (at A2 page size) 100 200

Metres Projection: Horizontal: GDA94 Vertical: AHD UTM Zone 55

Legend - Assets displayed on maps are

No assets intersect with 0.80m SLR + 1% AEP

based on the 0.80m SLR + 1% AEP

Data Sources: State Government of Victoria City of Greater Geelong Cardno - LCHA Inundation Data Barwon Water Powercor CCMA

Environmental Assets

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Legend - Assets displayed on maps are

Wetlands 2013

based on the 0.80m SLR + 1% AEP





Coastal Protection Structure

Coastal Protection Structure

(Seawall) - Public

(Seawall) - Private