

## Summary of Assets within Geelong Waterfront

### Public Assets - Drainage

**Assets located within 0.20m SLR +1% AEP:**

Drainage Pipes (CoGG) - Length (m) =	127
Drainage Pits (CoGG) - Number =	16
Stormwater Drain Outlets (PPB 1995) - Number =	1

**Assets located within 0.50m SLR +1% AEP:**

Drainage Pipes (CoGG) - Length (m) =	467
Drainage Pits (CoGG) - Number =	29
Stormwater Drain Outlets (PPB 1995) - Number =	1

**Assets located within 0.80m SLR +1% AEP:**

Drainage Pipes (CoGG) - Length (m) =	676
Drainage Pits (CoGG) - Number =	36
Stormwater Drain Outlets (PPB 1995) - Number =	3

### Public Assets - Utilities

**Assets located within 0.20m SLR +1% AEP:**

Electricity Poles (Powercor) - Number =	6
Street Lights (CoGG) - Number =	12
Water Nodes (Barwon Water) - Number =	1
Water Pipes (Barwon Water) - Length (m) =	7

**Assets located within 0.50m SLR +1% AEP:**

Electricity Cable (Powercor) - Length (m) =	97
Electricity Poles (Powercor) - Number =	20
Street Lights (CoGG) - Number =	37
Water Nodes (Barwon Water) - Number =	5
Water Pipes (Barwon Water) - Length (m) =	27

### Public Open Space and Community Assets

**Assets located within 0.20m SLR +1% AEP:**

Informal Sport - Area (ha) =	0.37
Other Buildings (CoGG) - Number =	2

**Assets located within 0.50m SLR +1% AEP:**

Informal Sport - Area (ha) =	1
Other Buildings (CoGG) - Area (ha) =	0.05
Other Buildings (CoGG) - Number =	3
Playgrounds (CoGG) - Number =	1

**Assets located within 0.80m SLR +1% AEP:**

Informal Sport - Area (ha) =	1.56
Other Buildings (CoGG) - Area (ha) =	0.14
Other Buildings (CoGG) - Number =	6
Playgrounds (CoGG) - Number =	1
Trees (CoGG) - Number =	74

### Private Assets

**Assets located within 0.20m SLR +1% AEP:**

Buildings (Private) - Area (ha) =	0.01
Buildings (Private) - Number =	1
Business Locations (ABR) - Number =	3

**Assets located within 0.50m SLR +1% AEP:**

Buildings (Private) - Area (ha) =	0.11
Buildings (Private) - Number =	5
Business Locations (ABR) - Number =	3

**Assets located within 0.80m SLR +1% AEP:**

Buildings (Private) - Area (ha) =	0.2
Buildings (Private) - Number =	17
Business Locations (ABR) - Number =	3

### Public Assets - Roads

**Assets located within 0.20m SLR +1% AEP:**

Footpath (CoGG) - Length (m) =	105
Kerb & Channel (CoGG) - Length (m) =	43
Paths - Bicycle (CoGG) - Length (m) =	60
Paths - Shared (CoGG) - Length (m) =	231
Roads (CoGG) - Length (m) =	18

**Assets located within 0.50m SLR +1% AEP:**

Footpath (CoGG) - Length (m) =	517
Kerb & Channel (CoGG) - Length (m) =	471
Paths - Bicycle (CoGG) - Length (m) =	325
Paths - Shared (CoGG) - Length (m) =	647
Roads (CoGG) - Length (m) =	227

**Assets located within 0.80m SLR +1% AEP:**

Footpath (CoGG) - Length (m) =	1196
Kerb & Channel (CoGG) - Length (m) =	1136
Paths - Bicycle (CoGG) - Length (m) =	573
Paths - Shared (CoGG) - Length (m) =	1135
Road Signs (VicRoads) - Number =	4
Road Signs (VicRoads) - Number =	1
Roads (CoGG) - Length (m) =	678

### Environmental Assets

**Assets located within 0.20m SLR +1% AEP:**

EVC Count Area - Number =	6
EVC Count Area (ha) =	0.13

**Assets located within 0.50m SLR +1% AEP:**

EVC Count Area - Number =	7
EVC Count Area (ha) =	0.26

**Assets located within 0.80m SLR +1% AEP:**

EVC Count Area - Number =	10
EVC Count Area (ha) =	0.53

**Breakdown by EVC:**

Located within 0.20m SLR +1% AEP:	
EVC Count Area (ha)	175
EVC Count Area (ha)	6
EVC Count Area (ha)	0.13
Located within 0.50m SLR +1% AEP:	
EVC Count Area (ha)	175
EVC Count Area (ha)	7
EVC Count Area (ha)	0.26
Located within 0.80m SLR +1% AEP:	
EVC Count Area (ha)	175
EVC Count Area (ha)	10
EVC Count Area (ha)	0.53

**Geelong Waterfront Total Area = 74.37 ha**

### Glossary

- ABR - Australian Business Register
- 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

**a.s.miner geotechnical Consulting Engineers**

Scale 1:8,500 (at A2 page size)

0 150 300 Metres

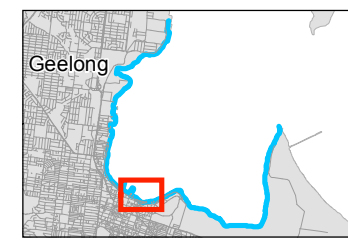
Projection: Horizontal: GDA94 Vertical: AHD

Datum: UTM Zone 55

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

**Disclaimer:**

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Micro Location within LCHA Compartment



LCHA Study Area

**Legend**

Assets displayed on maps are based on the 0.80m SLR + 1% AEP

- Geelong Waterfront Area Boundary
- Coastal Protection Structure (Seawall) - Public
- Coastal Protection Structure (Seawall) - Private
- Shoreline - LCHA (based on erosion scarp)
- LCHA 1% AEP + 0.20m SLR - Static Model
- LCHA 1% AEP + 0.50m SLR - Static Model
- LCHA 1% AEP + 0.80m SLR - Static Model

