

Map 5: Great Cumbrae Island

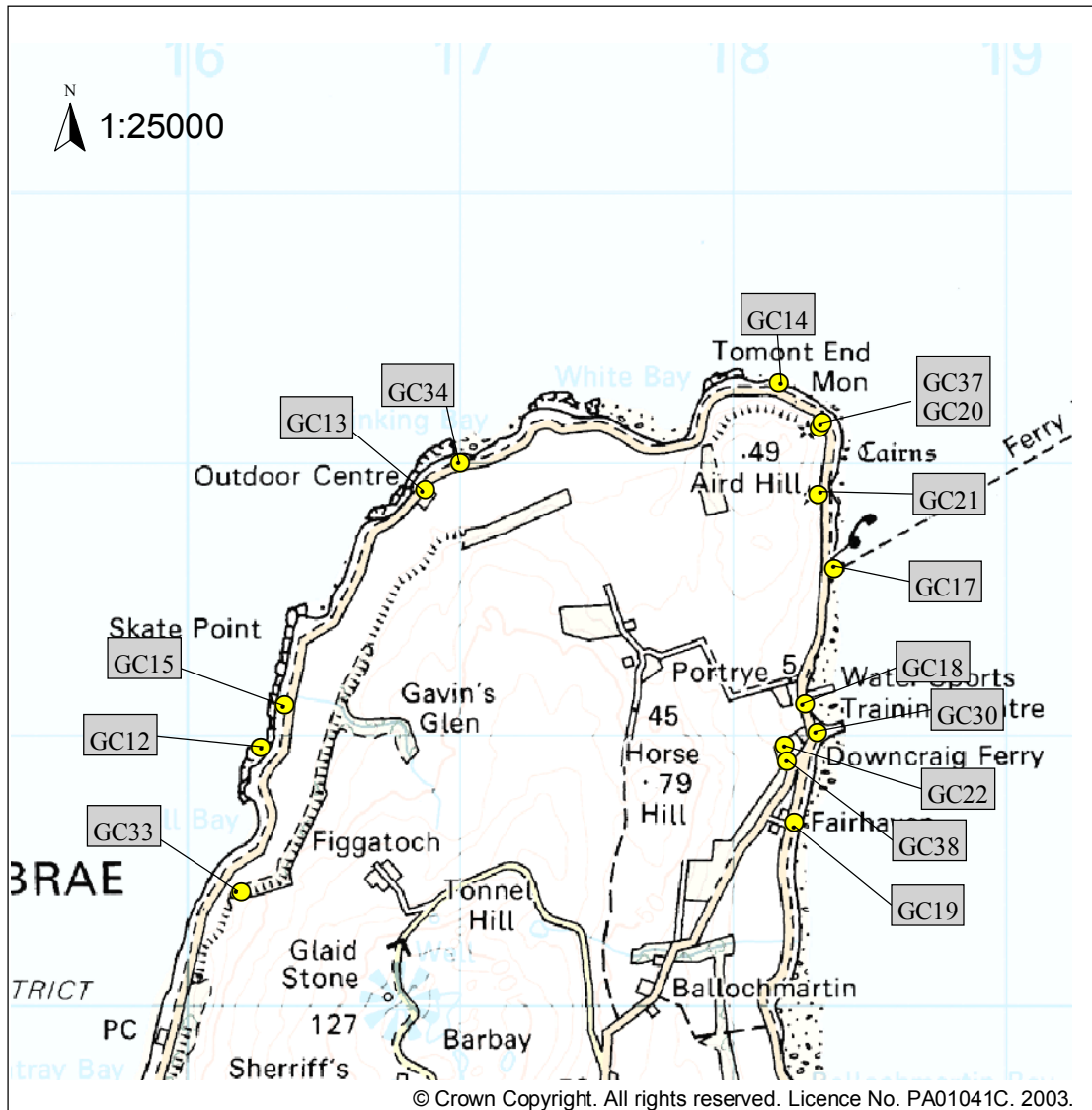
Map Content Descriptions

1. Built Heritage and Archaeology

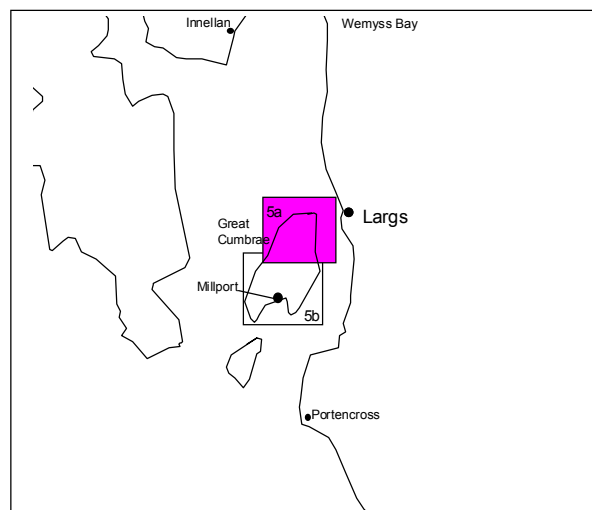
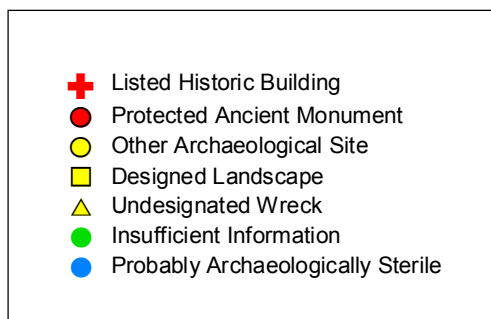
A total of forty three sites were recorded in the area covered by Map 5 which covered the entire coastline of the Island of Great Cumbrae. Of these twenty three were previously recorded and twenty were new sites noted during the field survey. The highest density of sites occurred in the area in and around Millport Bay. Sites located on the coast edge consisted, primarily of small jetties and maritime features relating to the eighteenth to twentieth century and existed in varying states of preservation. Millport Harbour and Pier are Listed buildings. The northern half of the island is in contrast to the south. The coastline is less inhabited than in the south and there are the remains of possible prehistoric fort at Bell Craig (GC22) and cairn (GC21). The southern area did not exhibit any prehistoric sites still in existence. No sites in the area covered by Map 5 were under threat from coastal erosional processes.

2. Hinterland Geology, Coastal Geomorphology and Erosion Class

The section of coastline covered by Map 5 extended around the complete coastline of the Island of Great Cumbrae. The majority of the Great Cumbrae shoreline is characterised by emerged rock platform, with isolated pockets of sediment. The rock foreshore is currently stable with low rates of change. The hinterland is characterised by the Holocene cliff line which is prominent on the western coast, more subdued on the eastern coast and is not clear on the northern section and Millport bay area. Millport bay is the only large littoral section on the island, which can be subdivided into two sections. Namely Kames bay, with a stable sandy beach and the remainder of Millport shore, which has a sand and gravel veneer overlying bedrock. The protection work which lines sections of the soft and hard shorelines are currently stable and show no signs of being under cut.



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Map 5a: Built Heritage & Archaeology Gazetteer

Site No GC12
Grid Ref NS 16267 57952
Site Name Little Skate Bay
Site Type Jetty
Date Unknown
Condition Poor
Recommendation Survey

No GC19
Grid Ref NS 18227 57674
Site Name Fairhaven
Site Type Jetty
Date 20th cent
Condition Good
Recommendation Nil

Site No GC13
Grid Ref NS 16872 58901
Site Name Eerie Port
Site Type Military Buildings;
Date 20th cent
Condition Good
Recommendation Nil

Site No GC20
Grid Ref NS 18330 59149
Site Name Tomont End
Site Type Cairn
Date Unknown
Condition Poor
Recommendation Monitor

Site No GC14
Grid Ref NS 18171 59294
Site Name Tomont End
Site Type Monument
Date 20th cent
Condition Good
Recommendation Nil

Site No GC21
Grid Ref NS 18315 58883
Site Name Lady's Grave
Site Type Cairn; Cists
Date Unknown
Condition Fair
Recommendation Monitor

Site No GC15
Grid Ref NS 16357 58107
Site Name Bell Bay
Site Type Rig and Furrow
Date Unknown
Condition Poor
Recommendation Monitor

Site No GC22
Grid Ref NS 18192 57959
Site Name Down Craig
Site Type Fort
Date Unknown
Condition Poor
Recommendation Nil

Site No GC17
Grid Ref NS 18373 58611
Site Name Cumbrae Slip
Site Type Slipway complex
Date 18th-20th cent
Condition Good
Recommendation Nil

Site No GC30
Grid Ref NS 18314 58007
Site Name Downcraig Ferry
Site Type Pier
Date 18th-20th cent
Condition Good
Recommendation Nil

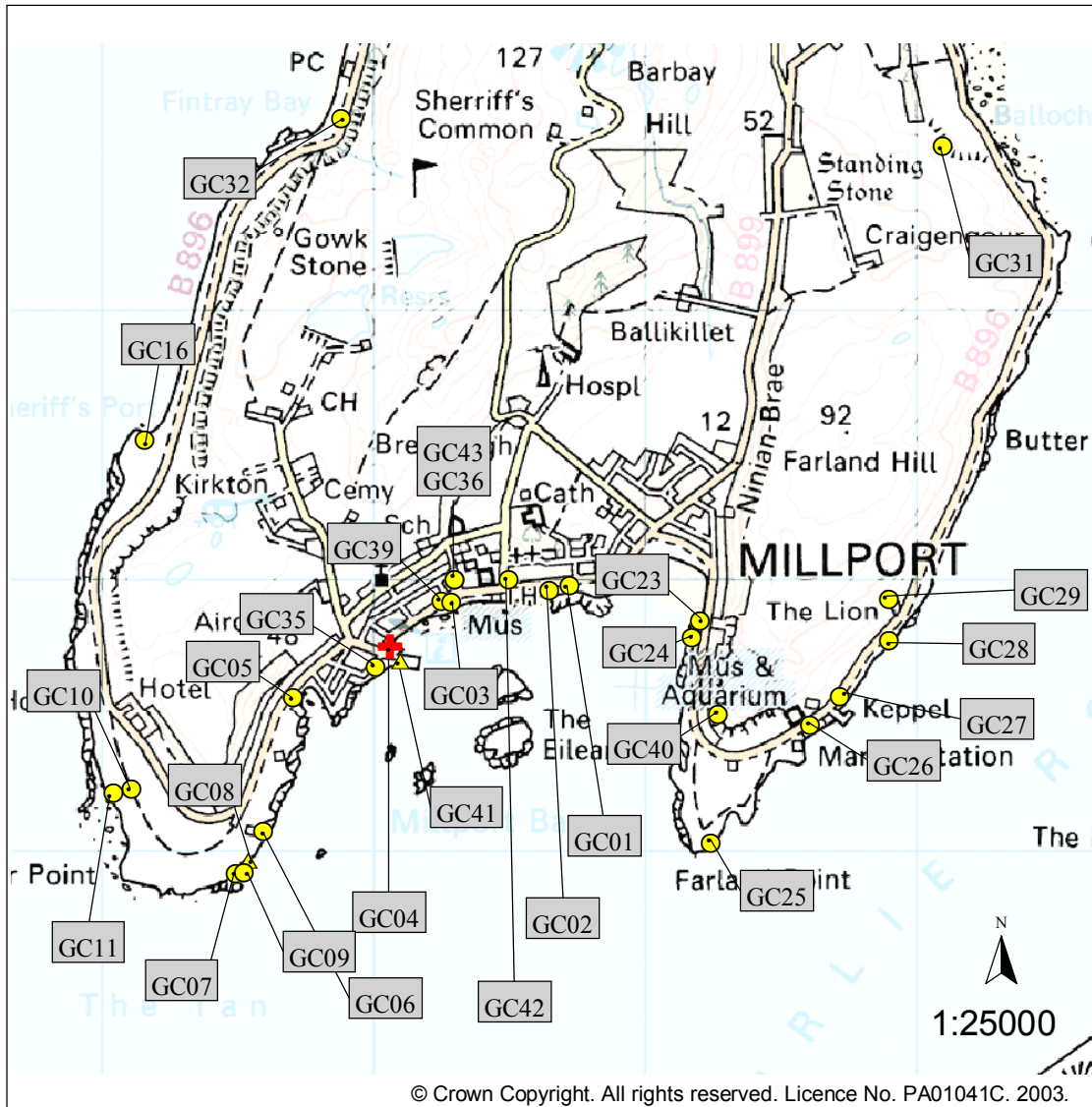
Site No GC18
Grid Ref NS 18270 58114
Site Name Down Craig
Site Type Recreation Complex
Date 20th cent
Condition Good
Recommendation Nil

Site No GC33
Grid Ref NS 16200 57420
Site Name Bell Craig
Site Type Fort (possible)
Date Unknown
Condition Unknown
Recommendation Nil

Site No **GC34**
Grid Ref NS 17000 59000
Site Name Stinking Bay
Site Type Cairn; Urn
Date Unknown
Condition Unknown
Recommendation Nil

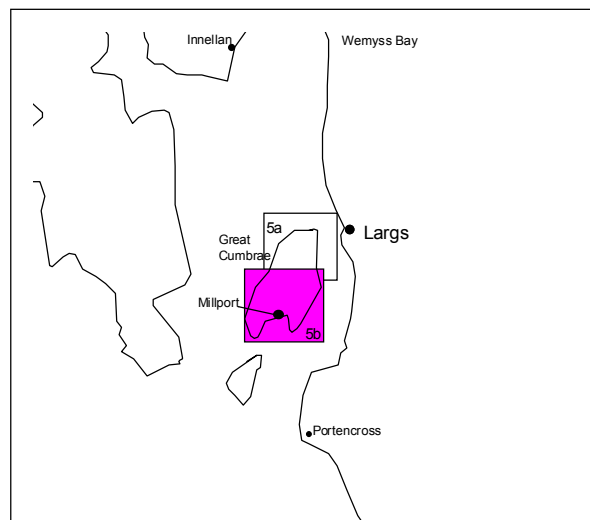
Site No **GC38**
Grid Ref NS 18200 57900
Site Name Down Craig
Site Type Burials
Date Unknown
Condition Unknown
Recommendation Nil

Site
Site No **GC37**
Grid Ref NS 18320 59130
Site Name 'Lady's Grave'
Site Type 'Burial'
Date Unknown
Condition Unknown
Recommendation Nil



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- + Listed Historic Building
- Protected Ancient Monument
- Other Archaeological Site
- Designed Landscape
- ▲ Undesignated Wreck
- Insufficient Information
- Probably Archaeologically Sterile



Map 5b: Built Heritage & Archaeology Gazetteer

Site No GC01
Grid Ref NS 16721 54974
Site Name The Leck
Site Type Jetty
Date Unknown
Condition Fair
Recommendation Nil

Site No GC07
Grid Ref NS 15494 53910
Site Name The Lorn
Site Type Industrial midden
Date 18th-20th cent
Condition Poor
Recommendation Monitor

Site No GC02
Grid Ref NS 16646 54960
Site Name Newtown Bay
Site Type Jetty
Date Unknown
Condition Fair
Recommendation Nil

Site No GC08
Grid Ref NS 15542 53959
Site Name Nupkur Rock
Site Type Wreck
Date Unknown
Condition Poor
Recommendation Nil

Site No GC03
Grid Ref NS 16288 54913
Site Name Newtown Bay
Site Type Jetty/slipway
Date Unknown
Condition Fair
Recommendation Nil

Site No GC09
Grid Ref NS 15525 53912
Site Name Nupkur Point
Site Type Jetty
Date Unknown
Condition Poor
Recommendation Monitor

Site No GC04
Grid Ref NS 16063 54747
Site Name Millport Harbour/Pier
Site Type Harbour/pier
Date 18th-20th cent
Condition Good
Recommendation Nil

Site No GC10
Grid Ref NS 15110 54222
Site Name Westbourne
Site Type Track
Date Unknown
Condition Fair
Recommendation Nil

Site No GC05
Grid Ref NS 15703 54560
Site Name Little Brae
Site Type Leisure Paddling pool
Date 18th-20th cent
Condition Fair
Recommendation Nil

Site No GC11
Grid Ref NS 15044 54210
Site Name Eilean Na Gourock
Site Type Boulder Feature
Date Unknown
Condition Fair
Recommendation Monitor

Site No GC06
Grid Ref NS 15593 54067
Site Name The Lorn
Site Type Boat Yard/Slipway
Date 20th cent
Condition Good
Recommendation Nil

Site No GC16
Grid Ref NS 15157 55513
Site Name Sheriff's Port
Site Type Rig and Furrow
Date Unknown
Condition Poor
Recommendation Nil

Site No GC23
Grid Ref NS 17206 54845
Site Name Ninian Brae
Site Type Jetty
Date 18th-20th cent
Condition Poor
Recommendation Nil

Site No GC29
Grid Ref NS 17902 54923
Site Name The lion
Site Type Natural Monument
Date Unknown
Condition Good
Recommendation Monitor

Site No GC24
Grid Ref NS 17173 54783
Site Name Ninian Brae
Site Type Paddling Pool
Date 18th-20th cent
Condition Fair
Recommendation Nil

Site No GC31
Grid Ref NS 18100 56600
Site Name Craigengour
Site Type Chapel (possible)
Date Unknown
Condition Fair
Recommendation Monitor

Site No GC25
Grid Ref NS 17243 54024
Site Name Farland Point
Site Type Jetty
Date Unknown
Condition Fair
Recommendation Nil

Site No GC32
Grid Ref NS 15880 56700
Site Name Fintry Bay
Site Type Cairn; Cists
Date Unknown
Condition Unknown
Recommendation Nil

Site No GC26
Grid Ref NS 17608 54459
Site Name Keppel Port
Site Type Port/shipping complex
Date 20th cent
Condition Good
Recommendation Nil

Site No GC35
Grid Ref NS 16010 54670
Site Name 'Sheriff's Auld Ha'
Site Type House
Date Unknown
Condition Unknown
Recommendation Nil

Site No GC27
Grid Ref NS 17722 54565
Site Name Keppel Port
Site Type Pier
Date 20th cent
Condition Good
Recommendation Nil

Site No GC36
Grid Ref NS 16300 55000
Site Name The Garrison, Millport
Site Type Oak Coffin
Date Unknown
Condition Unknown
Recommendation Nil

Site No GC28
Grid Ref NS 17903 54773
Site Name Keppel Port
Site Type Boat mooring
Date 20th cent
Condition Good
Recommendation Nil

Site No GC39
Grid Ref NS 16250 54920
Site Name Millport
Site Type Cross; Cist
Date Unknown
Condition Unknown
Recommendation Nil

Site No **GC40**
Grid Ref NS 17270 54500
Site Name Farland Hill
Site Type Cave
Date Unknown
Condition Fair
Recommendation Nil

Site No **GC42**
Grid Ref NS 16500 55000
Site Name Millport
Site Type Cross-incised Stone
Date Unknown
Condition Unknown
Recommendation Nil

Site No **GC41**
Grid Ref NS 16100 54700
Site Name Millport Bay
Site Type Wreck
Date Unknown
Condition Unknown
Recommendation Nil

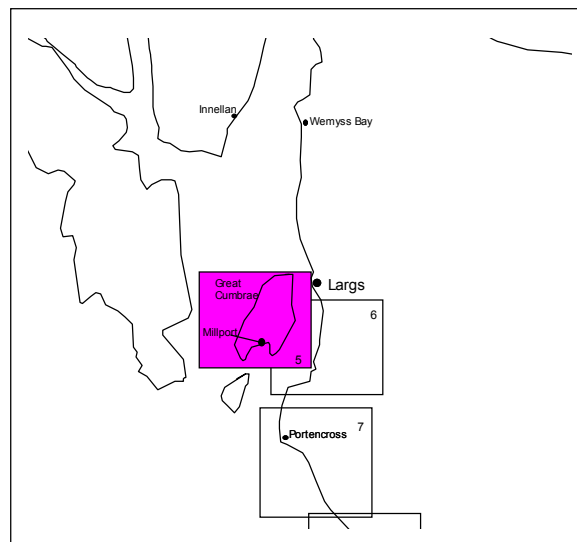
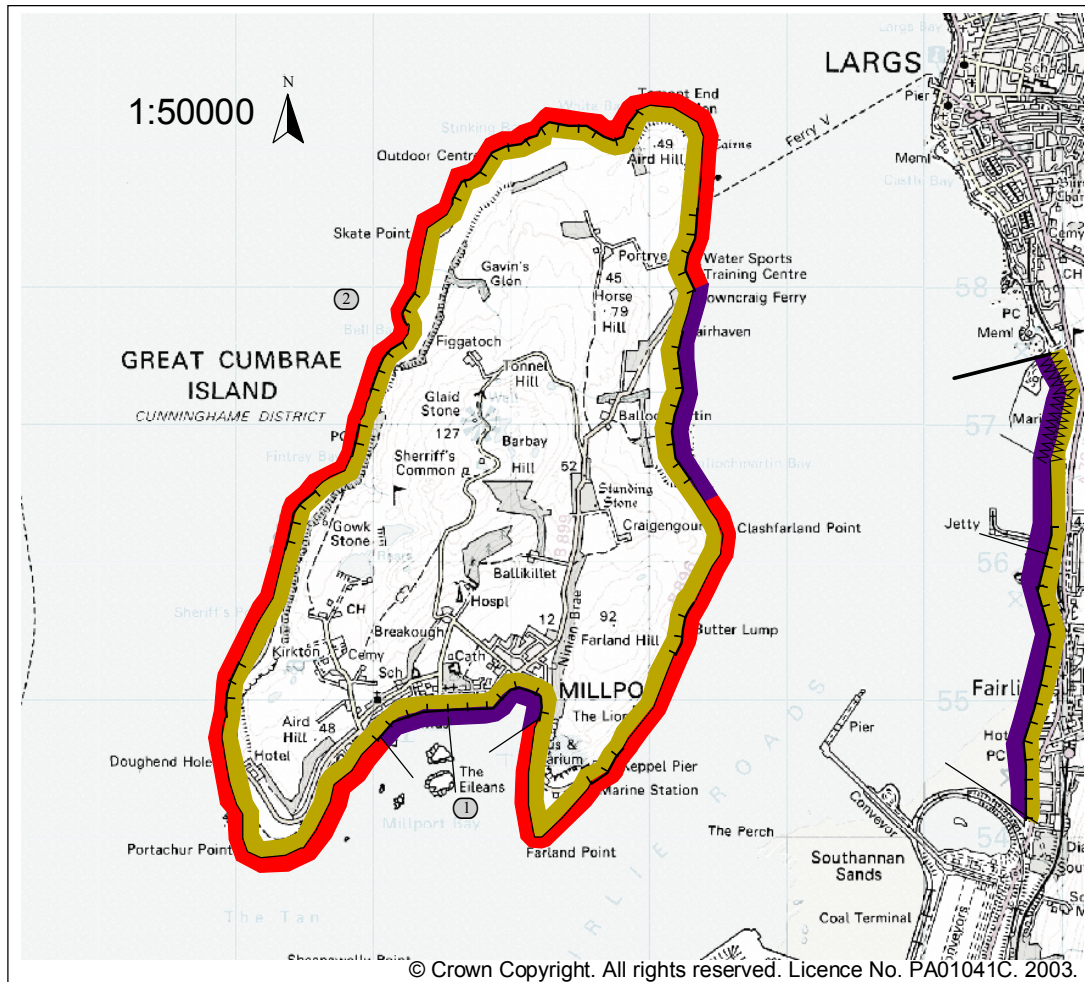
Site No **GC43**
Grid Ref NS 16300 55000
Site Name The Garrison
Site Type Cairn
Date Unknown
Condition Unknown
Recommendation Nil

HINTERLAND GEOLOGY & COASTAL GEOMORPHOLOGY

Survey Date : 25-26 October 2002

Great Cumbrae Island

MAP 5



Map 5: Great Cumbrae Island

Hinterland Geology and Coastal Geomorphology

1 Millport Bay

NS 1677 5492

1.43 km

Mainly sands, <50% rock platform

Sea Wall

Raised Beach

Millport bay has one main sand beach at the eastern edge of the bay, which is composed of sand. The intertidal beach is moderately wide (~100 m at low tide). This continues up to a narrow beach above high tide, which lies against the promenaded. West of Cross House the influence of underlying bedrock is more obvious. The veneer of sand and fine gravels covers most of the foreshore, with isolated bed rock protruding. The back beach is composed of a narrow strip of sands. The beach narrows towards the pier.

2 Cumbrae Coast

NS 1747 5917

17.07 km

Mainly rock platform, <20% sand /gravel coverage

Mainly Low Edge < 5 m, Occasional Sea Wall

Raised Beach

The coastline's classification changes abruptly at Millport Pier, reflecting the hard rock which forms the remainder of the islands' shoreline. Isolated pockets of sands and gravels form small beaches which are coarser on more exposed sections. These littoral deposits form small beaches in occasional places on the western coast. A narrow emerged rock foreshore covers the majority of the western coast, which is comparable with the Hunterston Shoreline. Inland of the emerged rock platform grassy slope deposits rise towards the Holocene shoreline.

The Holocene cliff is less pronounced on the northern facing coast, before re-appearing on the eastern coast, where is more subdued. The eastern shoreline is lined with fine gravels below MHWS. These intertidal beaches vary considerably, some measuring up to c 150 m.

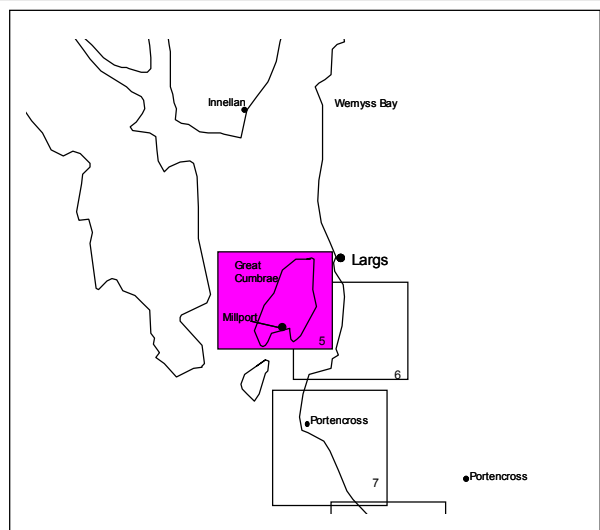
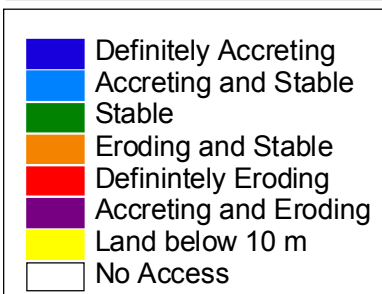
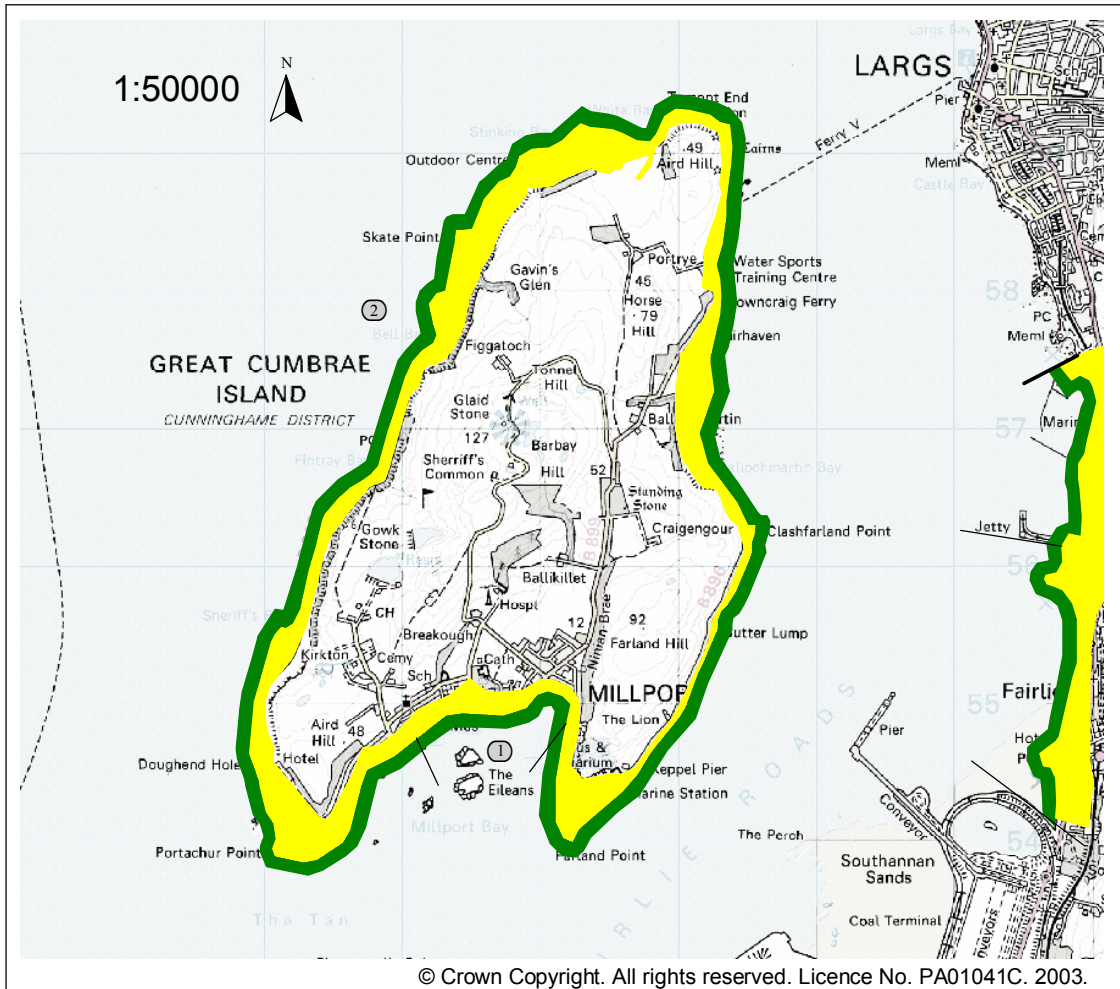
South of Clashfarland Point the foreshore narrows and steepens, absent of sediments. Along the eastern coast the subdued Holocene cliff runs parallel to the shoreline, 30-100 m landwards of MHWS. At the southern promontory (Farland Point) the Holocene cliff line remains landward of the road, leaving the flat emerged former shoreline to continue to the current rock foreshore. The steep foreshore and emerged shoreline continues northwards towards the Kames Bay.

EROSION CLASS

Survey Date : 25-26 October 2002

Great Cumbrae Island

MAP 5



Map 5: Great Cumbrae Island

Erosion Class

1 Millport Bay

NS 1677 5492

1.43 km

LT: Erosional– Low

ST: Stable – Low

The intertidal beach continues up to a narrow beach above high tide, which lies against the stable promenade. The back beach is composed of a narrow strip of sands before the stable promenade. The beach narrows towards the pier, with MHWS located at the foot of the stable seawall.

2 Cumbrae Coast

NS 1747 5917

17.07 km

LT: Erosional– Low

ST: Stable - Low

The coastline's classification changes abruptly at Millport Pier, reflecting the hard rock which forms the remainder of the islands' shoreline. Small erosional faces occur above the rock foreshore between the Pier and Nupkur Point. Seawalls have been used to protect isolated sections of the shore road these show no obvious signs of undercutting.

Isolated sections of the eastern shoreline are supported seawalls, larger sections include the Water Sports Centre, Stinking Goat Bay, Davy's Rock and the Pier north of Keppel Rock.