

Map 6: Trondra, Burland to Glendale

Built Heritage and Archaeology

This map section covers the southern half of Trondra, which beyond Burland and Glendale, is virtually uninhabited. There are pockets of cultivable land along the coast but much of the upper slopes, and at Kallee Ness and Heugland, parts of the lower slopes also, are heather-covered. In places, peat is developing again over land which appears to have been cultivated in the past.

A total of 12 sites are recorded in this map section. The earliest sites, those of 3rd-1st millennium BC date, are represented by four settlements. The sites are spread along the south west and south eastern coasts, to either side of Kallee Ness. The remains of land boundaries and field systems, apparently associated with these settlements, extend inland for over 100m.

At Burland, an assessment of deposits eroding from the coast edge led to the discovery of an Iron Age smithy and the rediscovery of an offshore broch (Moore & Wilson, 2001). The excavation also uncovered part of what may be a Viking or Norse period long house. Two sites of unknown date are recorded, one may be the remains of a structure, the other may be associated with metal working. Sites of 18th-20th C date include two click mills, a hulk and enclosures.

Geomorphology

The majority of this unit is dominated by rock platform. The steeper slopes lie on the east side of Trondra. The topography is generally undulating to the south with some rock outcrops. Rough grazing predominates with most areas on the east side fenced. Soils are generally poorly to imperfectly drained peaty podzols or rankers.

Erosion

The main areas of erosion tend to coincide with areas of coast edge containing low lying drift deposits. Only on the tip of Kallee Ness does there appear to be significant erosion of the metamorphic rock.

T1

HU 391 365
Opposite Burland Skerry
Indeterminate structure, possibly industrial
Unknown
Fair-poor
Survey

T2

HU 387 358
Opposite Ux Ness
Indeterminate, structure
Unknown
Poor
Survey

T3

HU 3875 3560
Kallee Ness
Settlement and field system
3rd-1st Mill BC
Good-fair
Survey

T4

HU 389 352
Kallee Ness
Settlement and field system
3rd-1st Mill BC
Good
Survey

T17

HU 3910 3696
Burland
Smithy and possible long house
1st Mill BC-1st Mill AD
Good
Monitor

T18

HU 3901 3525
Kallee Ness
Possible house and field system
3rd-1st Mill BC
Fair
Survey

T19

HU 3963 3589
Heugland
Structure, possible house
3rd-1st Mill BC
Fair-poor
Survey

T20

HU 398 364
Lea Heugland
Enclosures
18th-20th C
Fair
Nil

T21

HU 3980 3720
Glendale
Hulk
18th-20th C
Fair-poor
Nil

T22 HU33NE13

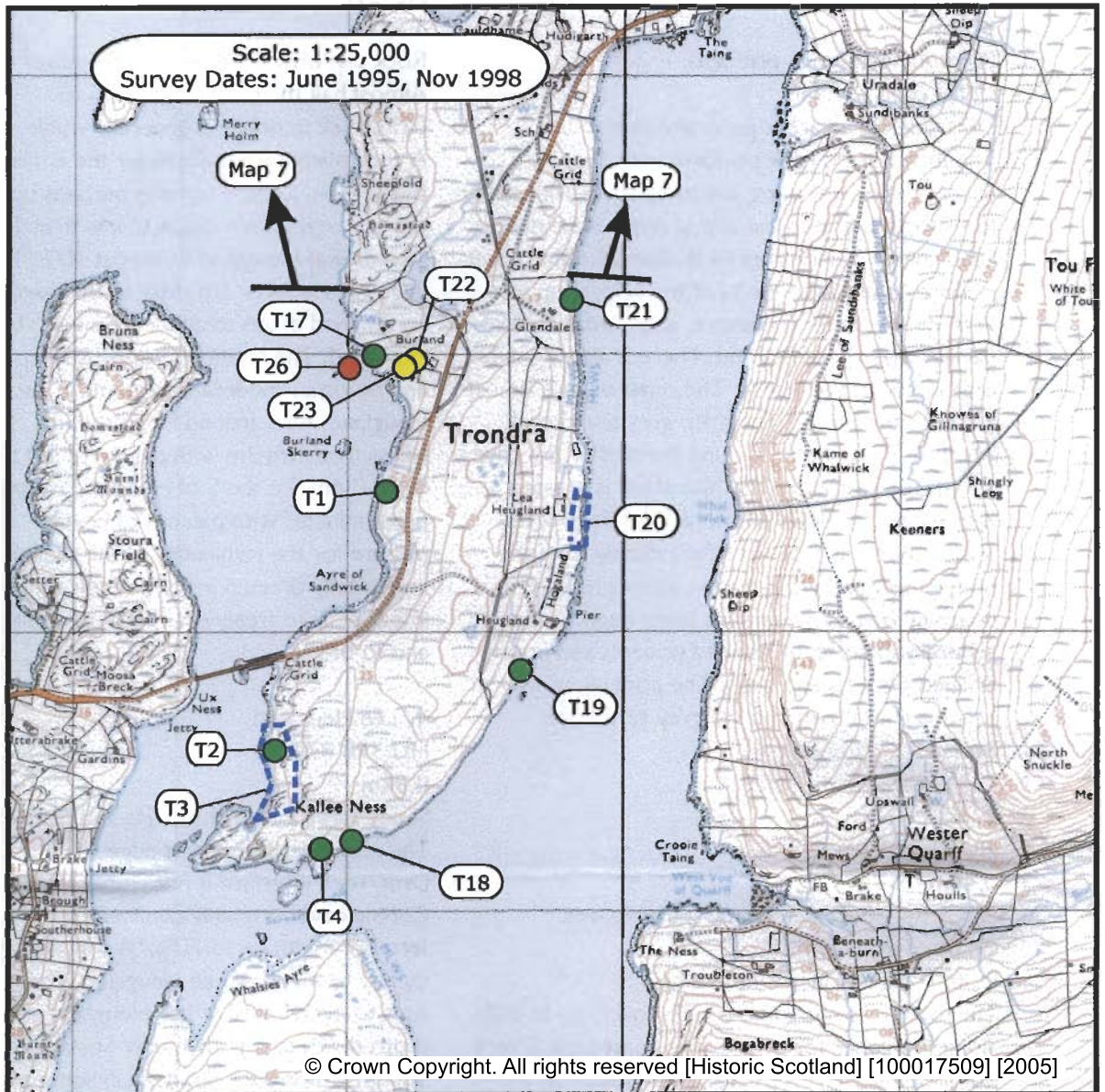
HU 3920 3700
Burland
Click mill
18th-20th C
Poor
Nil

T23 HU33NE14

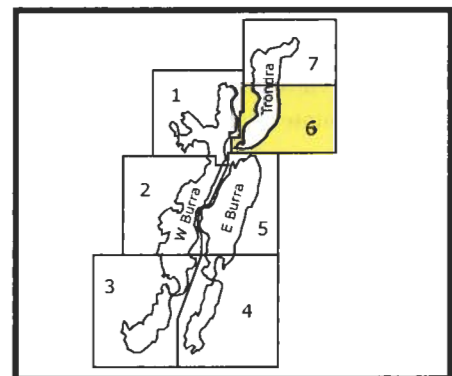
HU 3917 3695
Burland
Click mill
18th-20th C
Good
Nil

T26 HU33NE1

HU 3898 3694
Burland
Broch
1st Mill BC-1st Mill AD
Poor
Survey



- Built Heritage & Archaeology**
- Protected Ancient Monument or area of Designated Wreck
 - Monument formally proposed by Historic Scotland for scheduling or wreck for designation
 - + Listed Historic Building
 - Undesignated wreck
 - Known ancient monument
 - Site found by this survey
 - Site complex



1. Burland

HU 388 360

3.2km

Predominantly rock platform.

Coast edge is < 5 m.

Drift/rock interface is generally visible.

The foreshore is rock platform with two exceptions where there are small coves with sandy foreshores S of Burland and at Ayre of Sandwick. Sand colour is dark grey by Burland. Cobble cover is more common to the N of the bridge, up to 90% on the upper foreshore, and a small area of shingle cover N of Burland. There is also a gravel area just N of the bridge. The coast edge is almost 5m N of the bridge. The drift, grey till, to rock interface is not visible around Burland or the cove at Ayre of Sandwick. The hinterland is grassed with moderate slopes which are gentle to level around Burland. The field immediately N of the bridge has good grass species although there is poaching by cattle along the coast edge. Soils are generally imperfectly drained podzols and poorly drained podzols and gleys. The podzolisation process runs down into the grey till around Burland.

2. Kallee Ness

HU 390 352

0.4km

Sandy foreshore with some shingle coves.

Coast edge is < 5 m.

Drift/rock interface is not visible.

The foreshore has some cobble cover, up to 80% along the upper foreshore. The coast edge is very low in some areas with talards of grasses at the strandline and edge. The small inlets and coves give it the appearance of saltings in miniature although there is not a large enough area to denote it as such on the map. The slope is level to gently undulating. Soils are generally poorly drained gleys and peaty podzols with a few areas of freely draining rankers over shingle areas. Rough grazing predominates with little fencing visible.

3. Kallee Ness (East)

HU 396 388

1.5km

Rock platform with most cobble cover to the N.

Almost half the coast edge is > 5 m.

Drift/rock interface is generally visible.

A rock platform is evident for the entire length of this section. Cobble cover is perhaps up to 50% in the extreme S then drops to less than 10%, and increases at Heugland to almost 40%. The coastal edge rises to over 5m close to the start of the section and drops to a little below 5m before Heugland. The hinterland slope is steep to the S and becomes moderate to gentle in parts S of Heugland. Also around Heugland, the depth of till varies from 1m-3m with depths of soil from 0.1m-0.6m. To the S of Heugland rough grazing predominates with patches of heather and fenced pasture for the remainder of the section. Soils are imperfectly drained peaty podzols to the S and imperfectly to freely drained podzols at Heugland and to the N.

4. Lee Heugland

HU 398 370

0.8km

Sandy foreshore with shingle and cobble cover.

The majority of the coast edge is > 5 m.

Drift/rock interface is not visible.

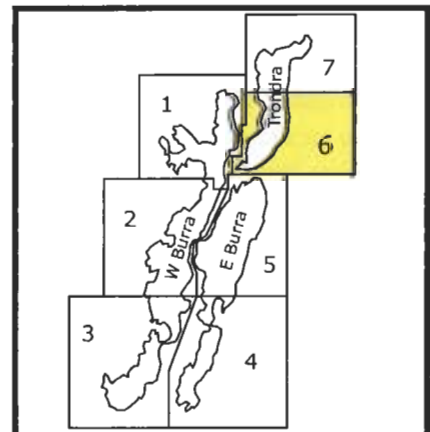
Cobble cover is mainly confined to the upper foreshore with up to 70%. A shingle ayre lies slightly to the N of Lee Heugland. The coast edge rises to over 5m N of Lee Heugland and then drops down to slightly below 5m before Glendale. The grey till is over 5m deep in some areas with an iron pan which dips into the till mid-way along the section. The slope is steep to moderate in most places with rough grazing and a few fenced fields. Soils are imperfectly to freely drained podzols.



- Foreshore**
- Rock platform
 - Mainly sand
 - Mainly alluvial/marine mud
 - Marsh

- Modifiers**
- Low edge <5m
 - Cliff >5m
 - Man made barrier
 - Shingle/storm bank
 - Human disturbance

- Hinterland**
- Drift
 - Drift on visible rock
 - Raised beach etc.
 - Blown sand
 - Glacial sand/gravel
 - Alluvium



1. Burland

HU 390 370

0.45 km

Eroding

There is a transition area to the N where there are some stable areas of coast edge however the erosion increases to the S so the whole section is justifiably classed as *Eroding*. Deep soils and till along the low lying coast edge are being eroded by marine action.

2. Burland (South)

HU 392 367

0.3 km

Stable

The section is stable even though there are soft drift deposits close to the HWM. These deposits are afforded protection by their southerly aspect.

3. Burland Skerry

HU 391 363

0.75 km

Eroding to Stable

Marine erosion is generally localised with the worst erosion to the N of Sandwick Ayre where coast edge erosion constitutes over 70% at this particular locale.

4. Ayre of Sandwick (South)

HU 387 356

1.0 km

Stable

The coast edge is stable even though it is very low in many cases. This is probably due to the fact that the coast edge is made up entirely of metamorphic rock.

5. Kallee Ness (West)

HU 385 352

0.5 km

Stable and Eroding to Stable (0.2)

The coast edge is generally stable. Localised erosion is more apparent at the beginning of the section where there is some erosion of the rock and topsoil by marine action and exposure. There is less localised erosion to the E and becomes quite stable to the end of the section.

6. Kallee Ness

HU 390 352

0.65 km

Eroding to Stable and Eroding

The coast edge is extremely low and much of the erosion is of the soil where grass topped talards now exist. The erosion becomes more pronounced to the centre of this section and then decreases again. It is the slow erosion of the talards made up of soft sediments which is most damaging and may be due in part to the slow sinking and inundation of the land.

7. Kallee Ness (East)

HU 395 356

0.7 km

Stable

The coast edge rises slightly with more rock evident and appears to be completely stable.

8. Heugland

HU 399 363

0.8 km

Eroding

There is definite erosion of the coast edge where deep soft sediments abut the sea. Marine action is breaking off large pieces of the coast edge all along this section. Cobbles lie along the upper foreshore but they do not appear to be the main agent of undercutting erosion which is more likely to be wave action.

9. Lee Heugland (North)

HU 398 368

0.35 km

Eroding to Stable

The erosion becomes more localised along this section although the soft sediments persist. There is also some slight erosion caused by sub-aerial water flow at one point.

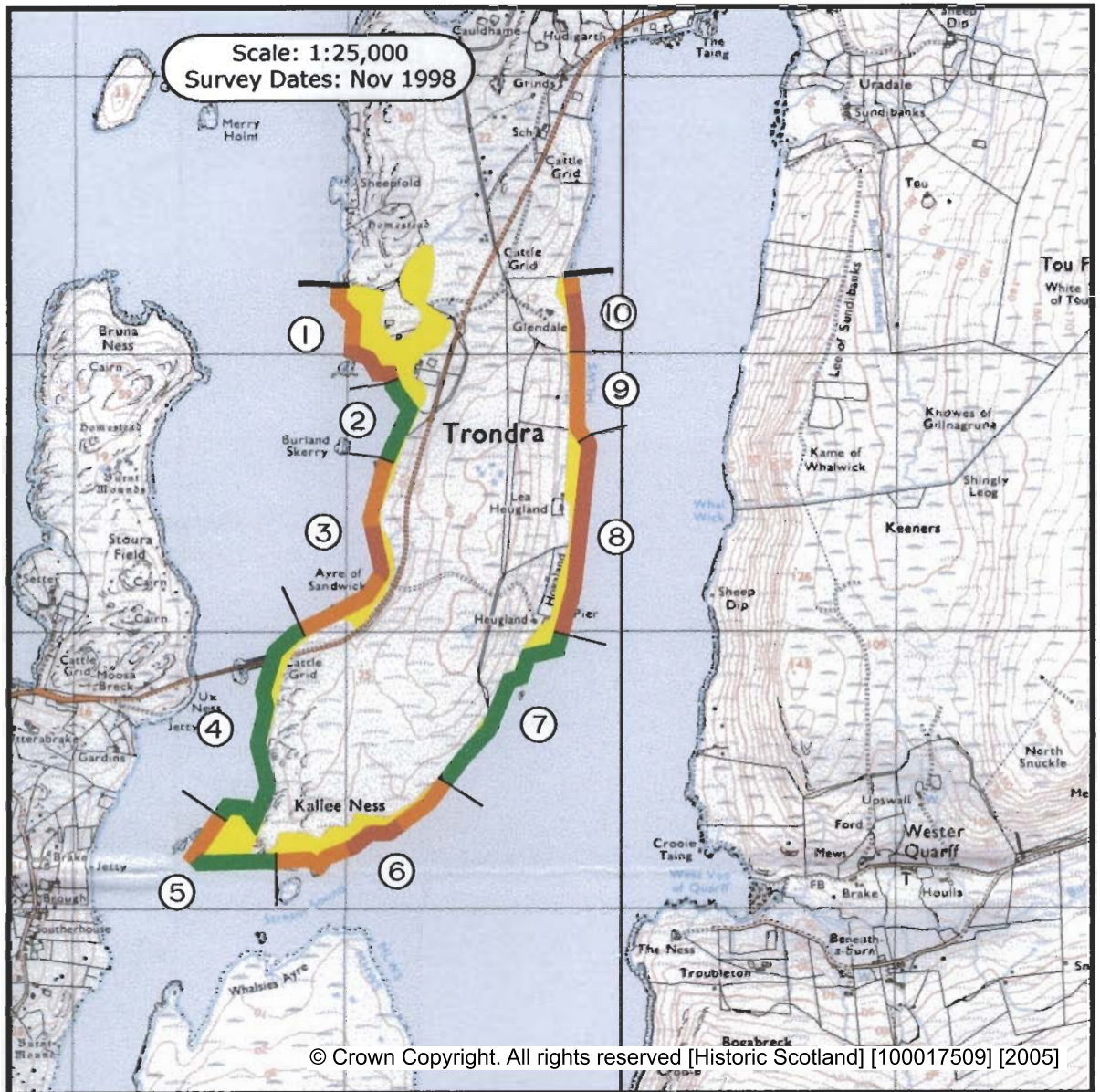
10. Glendale

HU 398 371

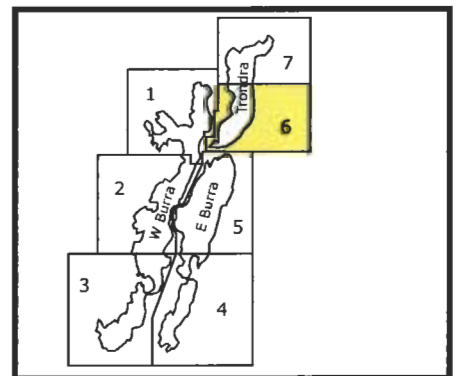
0.3 km

Eroding

The erosion increases again with a small area of landslip to the N of this section.



- Erosion Class**
- Definitely Accreting
 - Accreting or Stable
 - Stable
 - Eroding or Stable
 - Definitely Eroding
 - Accreting and Eroding
 - No access
 - Land below 10m



T5

HU 399 381
Hudigarth
Noost or well
Unknown
Fair
Monitor

T6

HU 392 383
Torgur
Settlement
3rd-1st Mill BC
Fair
Survey

T7 HU33NE2

HU 390 375
Burland
House and field system
3rd-1st Mill BC
Good
Survey

T8

HU 390 375
Burland
Burnt mound
3rd-1st Mill BC
Fair
Monitor

T9

HU 390 375
Burland
Burnt Mounds, clearance cairns
and enclosure
3rd-1st Mill BC
Fair
Survey

T10 HU43NW2

HU 4015 3855
Scarfataing
Burnt mound
3rd-1st Mill BC
Fair
Monitor

T11

HU 4010 3856
Meadow Ayre
Noost
Unknown
Fair
Survey

T12

HU 3978 3845
Scarfataing
Noosts and enclosure
18th-20th C
Fair
Survey

T13

HU 3967 3841
nw of Hardhouse
Enclosure
3rd-1st Mill BC
Poor
Survey

T14

HU 394 382
Cauldhame
Noosts
18th-20th C
Fair
Nil

T15

HU 390 381
Torgur
Possible house and field system
3rd-1st Mill BC
Fair-poor
Survey

T16

HU 3902 3783
opposite Merry Holm
Enclosures
18th-20th C
Good
Survey

T24 HU43NW22

HU 404 384
Trondra
Fishery
18th-20th C
Fair
Nil

T25 HU43NW3

HU 4004 3816
South Ayre
Burnt mound
3rd-1st Mill BC
Unknown
Monitor

T27

HU 3950 3804
Cauldhame
Long house
10th-14th C
Good
Survey