



*Highland Archaeology Services Ltd*

Bringing the Past and Future Together

## Osedale Water Main Isle of Skye



## Desk-based Assessment and Walk-over survey

**7 Duke Street Cromarty Ross-shire IV11 8YH**

Tel / Fax: 01381 600491 Mobile: 07834 693378 Email: [info@hi-arch.co.uk](mailto:info@hi-arch.co.uk) Web: [www.hi-arch.co.uk](http://www.hi-arch.co.uk)

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## Osedale Water Main Isle of Skye

### Desk-based Assessment and Walk-over survey

<b>Report No.</b>	HAS100904
<b>Site Code</b>	HAS-OWM10
<b>Client</b>	Scottish Water
<b>OS Grid Refs</b>	NG 3338 4214 NG 2488 4594
<b>HCAU / Planning Ref</b>	N/A
<b>OASIS</b>	highland4-82966
<b>Date</b>	17/09/2010
<b>Author</b>	J Wood

### Summary

*A desk-based assessment and walk-over survey were carried out ahead of construction of a new water main on the Isle of Skye. Very little upstanding archaeology was recorded, but in some areas there is potential for buried archaeology to be present and in these, a watching brief is recommended during construction works.*

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## Acknowledgements

We are grateful to Scottish Water for supplying base maps for the project. Other background mapping has been reproduced by permission of the Ordnance Survey under Licence 100043217.

## Introduction

A desk-based assessment and walk-over survey were carried out by Highland Archaeology Services Ltd in advance of a proposed new water main at Osedale on the Isle of Skye. The purpose was to identify and record the nature and extent of any archaeological features likely to be affected by the development, and recommend mitigation where appropriate.





Figure 1 Project location



## Location

The water main is planned to run for about 10.9 km from a waterfall on the River Ose at approx. grid ref NG 3338 4214, at about 30m above sea level, to the existing water treatment works at NG 2488 4594, at a height of about 12 m above sea level (Figure 1)

## Archaeology and policy background

An archaeological assessment was requested in this case because there was potential for finds or features of interest to be discovered during site works.

The current planning and policy framework includes the Highland Council's *Structure Plan*<sup>1</sup>, and the Scottish Government's *Scottish Planning Policy* (SPP), issued in February 2010, which consolidates and supersedes the previous SPP and NPPG series<sup>2</sup>. The fundamental principles underpinning UK and Scottish policies are set out in *Passed to the Future: Historic Scotland's Policy for the Sustainable Management of the Historic Environment* (2002)<sup>3</sup> and the *Burra Charter* (Australia ICOMOS 1999).<sup>4</sup>



**Figure 2** Blaeu's Atlas (extract)

*Published 1654 from survey by T Pont (late 16<sup>th</sup> c.) Courtesy of National Library of Scotland.*

<sup>1</sup> <http://www.highland.gov.uk/yourenvironment/planning/developmentplans/structureplan/thehighlandstructureplan.htm>

<sup>2</sup> <http://www.scotland.gov.uk/Publications/2010/02/03132605/8>

<sup>3</sup> [www.historic-scotland.gov.uk/pasttofuture.pdf](http://www.historic-scotland.gov.uk/pasttofuture.pdf)

<sup>4</sup> <http://www.icomos.org/australia/burra.html>

## Method

### ***Desk Based Assessment***

A check of all relevant and accessible archaeological / historical records and maps was undertaken. This included reports on previous fieldwork in the area.

### ***Field Survey***

The walk-over survey was carried out on 13<sup>th</sup> and 14<sup>th</sup> September 2010. On 13<sup>th</sup>, weather condition started wet but deteriorated during the day to driving rain and gales which eventually made photography impossible. On 14<sup>th</sup> the weather included sunny intervals and heavy showers.

It was found that for most of its length the new water main will run along existing roads where ground disturbance is likely to have damaged or destroyed buried archaeology.

At some other locations it was clear from the road that the land it will cross has been heavily cut for peat over many years and again, any buried archaeology is likely to have been damaged by this activity. These areas were also included in the survey of Duirinish parish by Roger Miket and Martin Wildgoose in 1989<sup>5</sup> and found to be remarkably lacking in visible archaeological remains. They were therefore not examined in detail. However, the line along Glen Ose from the waterfall to the main road was walked and examined on Tuesday 14<sup>th</sup> September.

## Results

The dearth of visible archaeological remains in Duirinish parish was noted by Miket and Wildgoose in 1989<sup>6</sup>.

Large areas of this landscape have clearly been cut for peat over many years, although the peat cuttings do not now seem to be in active use. It seems likely that in these areas, much buried archaeology has been destroyed by this activity. However in some areas it is possible that some buried evidence may remain.

Sites noted along the route by the present survey are as follows. All previously recorded sites have been included on the Highland Council's Historic Environment Record (HER):

### ***Desk Based Assessment***

The sites are presented from the NW – SE along the line. The locations are shown on Figure 8 below.

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<sup>5</sup> Miket and Wildgoose, R and M. 1989. 'Survey. Duirinish parish', Unpublished report held in Portree. See also *Discovery and Excavation in Scotland 1989*, 35-43. 40

<sup>6</sup> Op Cit

***Osedale River: Farm (NG 2488 4592)***

HHER MHG27635; NMRS NG24NW35

A farmstead comprising three unroofed buildings is depicted on the 1st edition of the OS 6-inch map (Inverness-shire, Isle of Skye 1881, sheet xxi). One unroofed building is shown on the current edition of the OS 1:10560 map (1968).

This lies directly adjacent to the modern water treatment works, but should not be affected providing machinery and vehicles are kept clear.

***Colbost, Skye: Rig and Furrow (NG 2530 4600)***

HHER MHG4783; NMRS NG24NE10

By a small burn to the south of the road to Colbost is a small area of rig cultivation<sup>7</sup>. The water main line will pass along the road edge here and should not affect it.

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***Cnoc Nan Uan: dyke (NG 2550 4600)***

HHER MHG4784 NMRS NG24NE11

500m of earth-and-stone dyke, noted at NG 255 460 by Miket and Wildgoose during their survey of Duirinish parish in 1989<sup>8</sup>.

This does not appear to lie on the line of the water main and should not be affected.

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***Lonmore: Farm (NG 2630 4564)***

HHER MHG27644; NMRS NG24NE18

A farmstead, comprising one unroofed building and length of wall which may be a head-dyke is depicted on the 1st edition of the OS 6-inch map (Inverness-shire, Isle of Skye 1881, sheet xxi). Two unroofed buildings and the length of wall are shown on the current edition of the OS 1:10560 map (1968).

This does not appear to lie on the line of the water main and should not be affected.

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***Heribost: Township (NG 2770 4510)***

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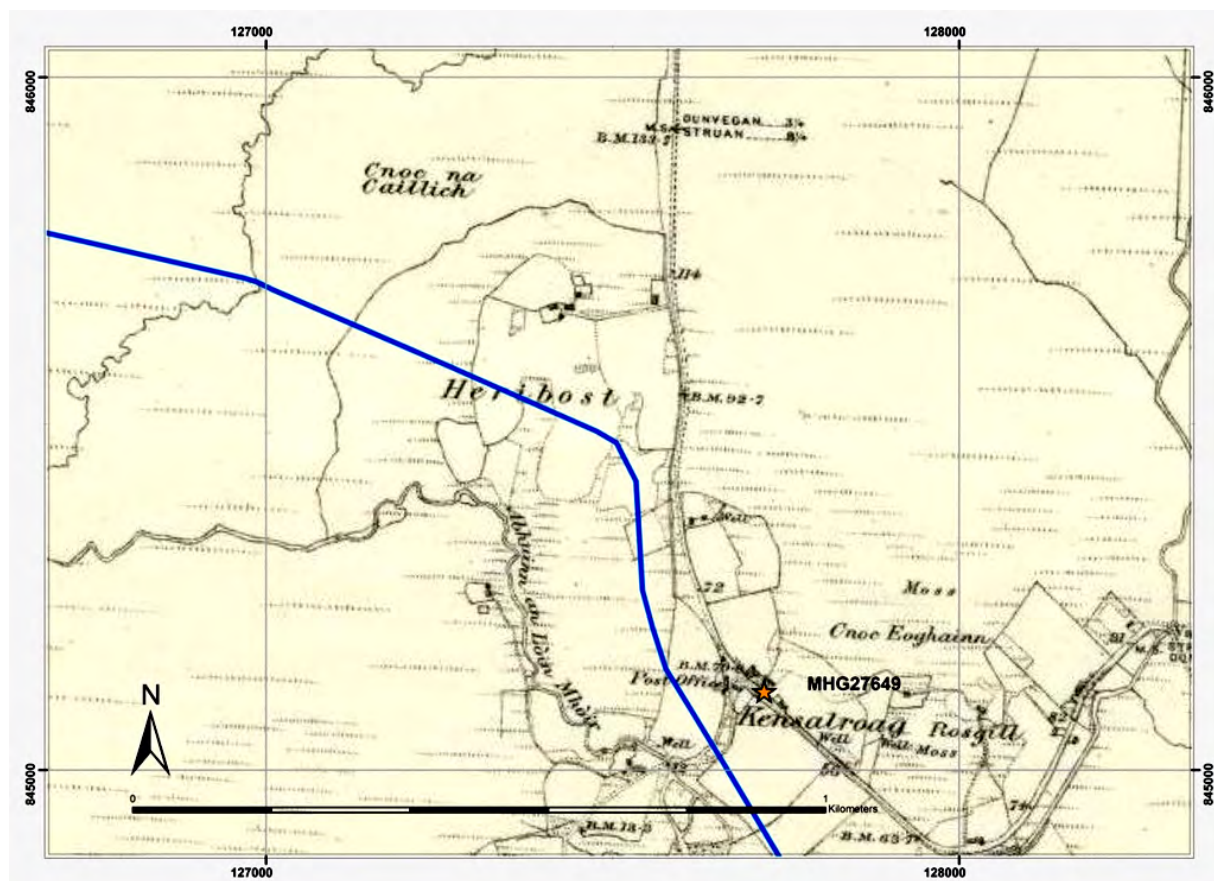
<sup>7</sup> Miket and Wildgoose 1989, 35-43. 40

<sup>8</sup> Miket and Wildgoose 1989; See also *Discovery and Excavation in Scotland 1989*, p.35-43.

HHER MHG27649; NMRS NG24NE14

A crofting township, comprising eleven roofed buildings and one unroofed building was noted on the 1st edition of the OS 6-inch map (Inverness-shire, Isle of Skye 1881, sheet xxi). Seven roofed buildings, one of which is a church are shown on the current edition of the OS 1:10560 map (1968).

The water main will cross this area; no visible structures appear to be directly on its proposed line, but a watching brief is advised here as there is a possibility that buried archaeology could be present.



**Figure 3 Heribost Township 1877: Water main line superimposed**

*Inverness-shire (Isle of Skye), Sheet XXI Courtesy of National Library of Scotland. Not reproduced to original scale.*

**Roskill: Socketed bronze axe (NG 2800 4400)**

HHER MHG3145; NMRS NG24SE11

This axe was purchased by the National Museum in 1932. The proceedings of the Society of Antiquaries of Scotland recorded,



Socketed Bronze Axe and part of its handle of Hazel (*Corylus Avellana*) (fig. 3), the axe being  $3 \frac{7}{8}$  inches long and  $2 \frac{3}{16}$  inches across the cutting edge, socket oval and measuring  $1 \frac{3}{4}$  inch and  $1 \frac{5}{8}$  inch in diameter. It is encircled by two narrow prominent mouldings, one at the top of the loop and the other midway between it and the mouth of the socket. When found in a peat bank, 6 feet below the surface, it still retained its handle, but most of it crumbled away on being lifted; the part which fitted into the socket, though shrunken, has survived; this piece measures  $4 \frac{11}{16}$  inches in length. Found in a peat moss at Roskill, Dunvegan, Skye.<sup>9</sup>



**Figure 4 Socketed Bronze Axe from Roskill**

*From Proceedings of Society of Antiquaries of Scotland, 67 (1932), 16*

The RCAHMS description, repeated by the HHER, follows the above, adding

(Socketed axe of Dowris type). Single find. Socketed axe, black, partly trimmed, cutting edge hammered, haft ribs, part of a hazelwood handle was apparently found with the axe; length 98mm, mouth 29x32mm, cutting edge 56mm, weight 250 gms. (P K Schmidt and C B Burgess 1981).

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<sup>9</sup> *Proceedings of Society of Antiquaries of Scotland*, vol. 67 (1932), 17

Unfortunately, the location given is very vague. The grid reference is only accurate to 1km and clearly refers to Roskill in general. However, the discovery of this axe in the general area raises the possibility that buried archaeology could still be present within the peat despite extensive cutting over many years.

A watching brief is therefore advised in this area.

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***Feorlig: Township (NG 2999 4360)***

HHER MHG27633; NMRS NG24SE41

“A township, comprising seven unroofed buildings is recorded by the RCAHMS as being “depicted on the 1st edition of the OS 6-inch map (Inverness-shire, Isle of Skye 1881, sheet xxviii). Four roofed and two unroofed buildings are shown on the current edition of the OS 1:10560 map (1969).” “

However, there appear to be no buildings on either map at this location. No action is proposed here.

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**Plate 1 St John's Chapel**

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***St John's Chapel and Burial Ground (NG 3049 4373)***

HHER MHG3156; NMRS NG34SW8

“Built 1843. Roofless, but in good condition; within a burial-ground which is still in use”<sup>10</sup>.

This will not be affected by the water main.

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***Lac Buidhe: Farm (NG 3080 4285)***

HHER MHG27656; NMRS NG34SW13

“A farmstead, comprising three unroofed buildings, one of which has two compartments is depicted on the 1st edition of the OS 6-inch map (Inverness-shire, Isle of Skye 1881, sheet xxviii). One enclosure is shown on the current edition of the OS 1:10000 map (1992).”

This will not be affected as the water main will run along the road line at this point. As the road is likely to have been very disturbed in the past a watching brief is not proposed for this section.

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***Dunalighline: broch and township (NG 3095 4261)***

Broch: HHER MHG5069; NMRS NG34SW2

Township: HHER MHG5153; NMRS NG34SW5

The RCAHMS records:

“Immediately to the E of the road from Dunvegan to Struanmore, overlooking the mouth of the Abhainn Bhaile Mheadhonaich, and occupying a rocky knoll, some 30 - 40ft high, which surmounts the steep rise from the shore, is a very dilapidated broch. It stands about 200ft OD, and some 300 yards E of the shore of the loch. The wall has been reduced to the foundation course outside, and now appears as a ring of stones and earth 4 - 6ft high. The internal diameter measures from 36 - 37ft and the wall from 11ft 6ins to 12ft in thickness. (RCAHMS 1928)”

“The township formerly clustered about it was known as Dunalighlin in 1824 (Information from W Johnson's Map of Skye, 1824). Probably the place described as Nagli and presumably cleared c. 1840 with many other townships in the area by Gibbon, factor to Macleod (A MacKenzie 1883).”

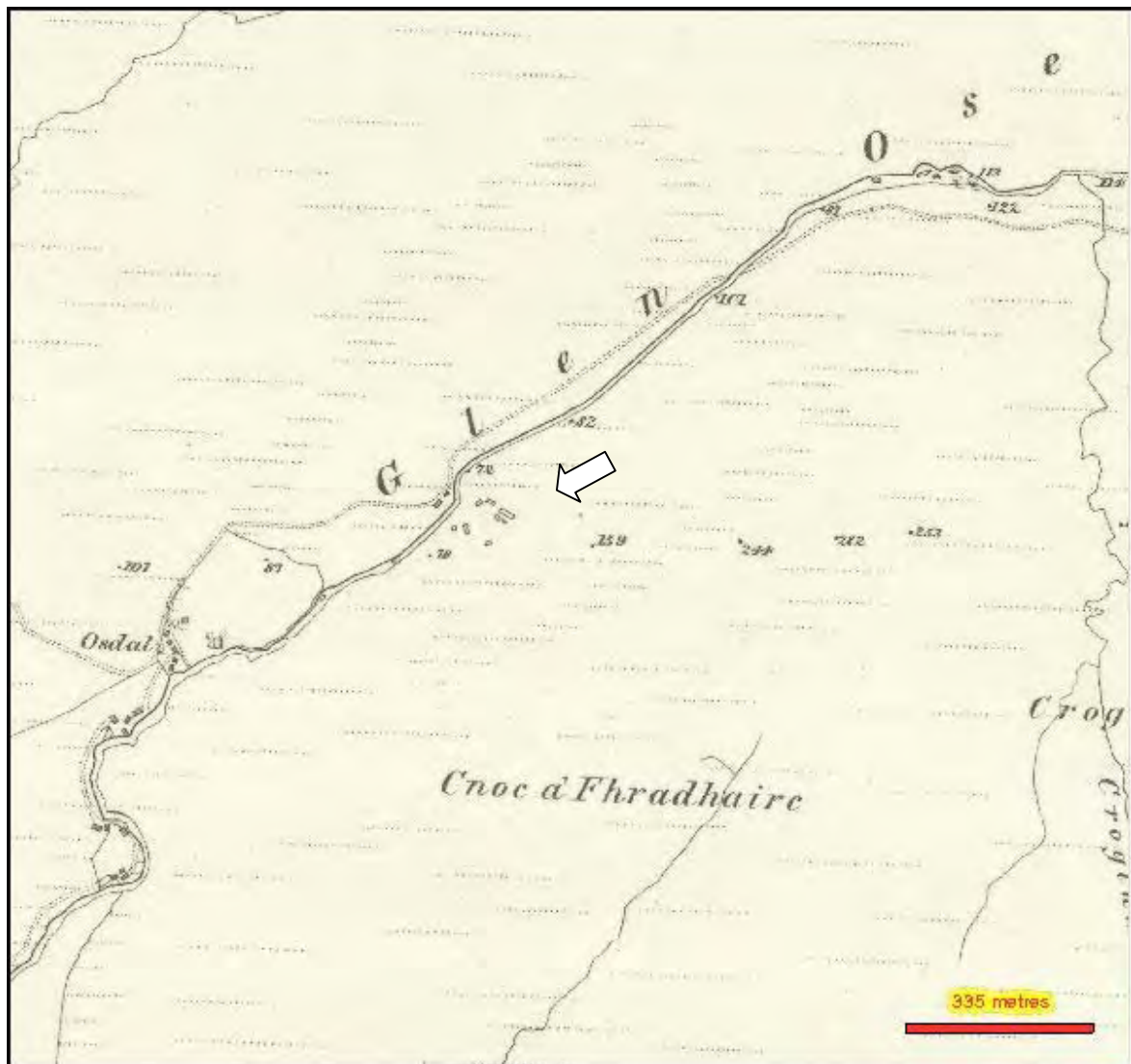
The site was visited by the Ordnance Survey in 1961 and found to consist of a group of about “15 ruined houses and a number of enclosures clustered round the ruined broch. There were old fields marked by banks to the S of the site and some evidence of lazy-beds. 13 unroofed buildings are depicted on the OS 1:10000 map (1992). One unroofed building is shown on the 1st edition of the OS 6-inch map (Inverness-shire, Isle of Skye 1881, sheet xxviii).”. However, no buildings could be found on the first edition Ordnance Survey map here.

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<sup>10</sup> RCAHMS source: Original Name Books of the Ordnance Survey. 8, No. 45; Ordnance Survey visit, 1961.

The broch is not currently Scheduled but is on the Non-Statutory Register (category C). This indicates it is of national importance and so schedulable. The surrounding township is recorded on the Non-Statutory Register as of Regional importance (R).

This is an important site, but the water main will run within the modern main road here and will therefore not impact on it. As the road is likely to have been very disturbed in the past a watching brief is not proposed for this section.



**Figure 5 Southern end of Water main line (Glen Ose): extract from Ordnance Survey 1st Edition 1:10560 map, surveyed 1877**

*Inverness-shire (Isle of Skye), Sheet XVIII. Courtesy of National Library of Scotland. Not reproduced to original scale.*



***Osdal Farm: Township (NG 3260 4160)***

HHER MHG5071; NMRS NG34SW4 (Fig 5 above)

This is recorded on the Non-Statutory Register as of Regional importance (R)

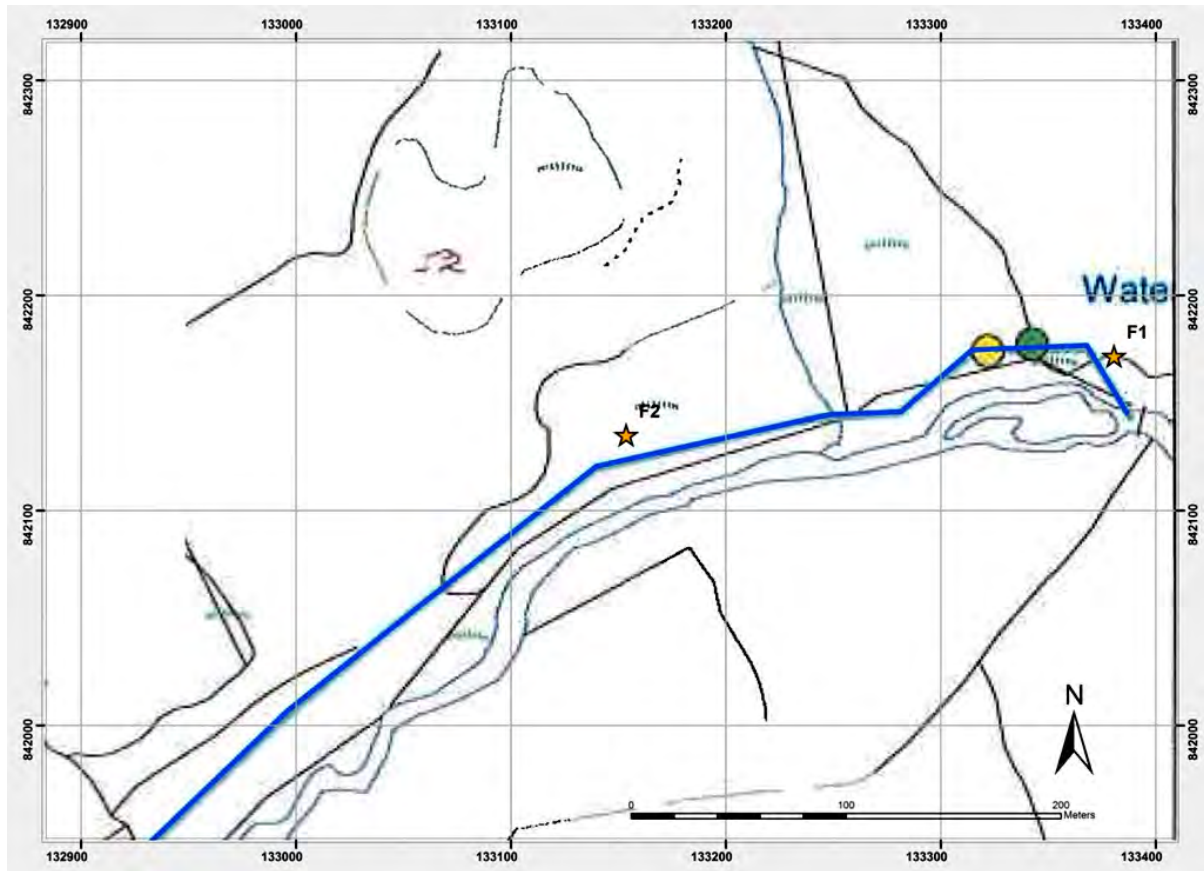
“ 500.0m. upstream from Osdal farm is a depopulated township, situated on fertile land on both banks of the river. There are about 15 ruined houses, some outbuildings, two detached, and some small enclosures. There are considerable areas of lazy-beds in the immediate locality. (Visible on RAF air photograph CPE/Scot/UK/175: 4164-5)”

This lies on the opposite bank of the river and should not be affected but machinery and vehicles will be kept clear. Two buildings are shown on the north side of the river. This site is now occupied by a sheep fank (plate 2, below).

The water main will not affect this site.



**Plate 2 Sheep fank and building footings - Osdale farm**



**Figure 6 Features 1 and 2**

*Background: Scottish Water drawing*

## **Field Survey**

Two previously unrecorded features were located by this survey:

### ***1. Osedale: dyke NG 3338 4217***

A substantial stone and turf dyke was noted running approximately east-west just north of the proposed weir. This is marked on the Scottish Water drawings, but it is not shown on the first edition 1:10560 OS map (see Figures 5 and 6 above). It has not been recorded in the archaeological records and is undated.

It seems unlikely that this can be avoided altogether during the construction of the weir. Where it is to be cut through a watching brief is proposed, to include obtaining a section through this feature.



**Plate 3 Feature 1: Osedale, dyke**



**Plate 4 Feature 2: Osedale, ridge and furrow**



## 2. Osedale: Ridge and Furrow NG 3315 4213

An area of ridge and furrow cultivation was noted (See Figure 6 and Plate 4). This does not appear on the 1877 Ordnance Survey map (Figure 5). The water main will pass along the edge of this; no mitigation is proposed here.

## Conclusions

Very little of archaeological significance was recorded. In Glen Ose, the substantial dykes and areas of ridge and furrow noted on the ground are probably associated with the former township of Osedale shown beside the river on the map and seem likely to pre-date the map.

Elsewhere along the route, previous surveyors have noted an absence of visible archaeology in this part of Skye. Evidence may have been buried by peat growth, although there are very extensive areas of old peat cuttings which may have destroyed it.

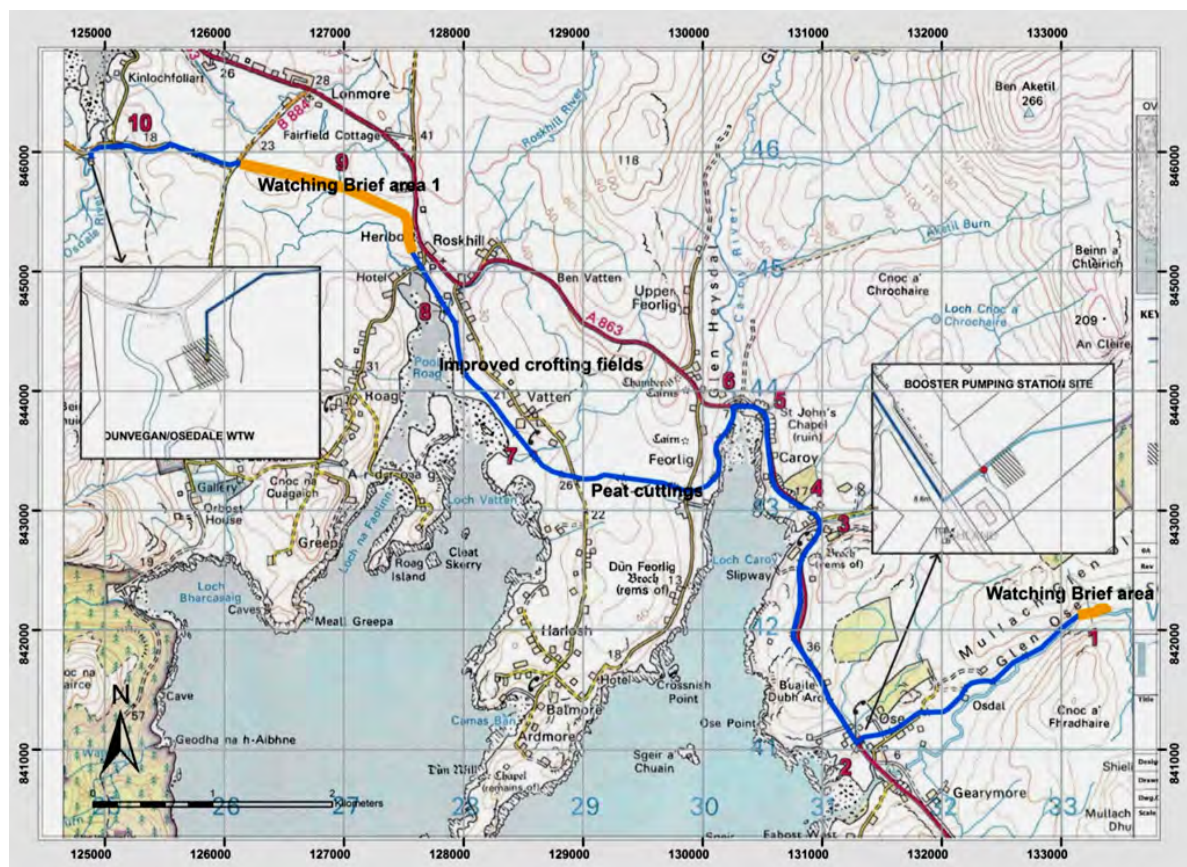


Figure 7 Recommended watching brief areas



## Recommendations

The dykes in Glen Ose are apparently marked on the project drawings and should be avoided as far as possible. Where they are impacted a record should be made of the structure by means of photography and a drawn section, and any possible dating evidence should be noted and if possible recovered.

A watching brief is recommended for the section through the former township of Heribost and across the grazings to the west; and for the weir site in Glen Ose (Fig 7 above). Elsewhere, where the line passes through improved fields or former peat cuttings, no further archaeological fieldwork is proposed.

## Bibliography

Miket R and Wildgoose M., 1989. 'Survey. Duirinish parish', Unpublished report held by Highland Council. See also: *Discovery and Excavation in Scotland 1989*, 35-43. 40

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Coles, J M. 1962. "Scottish Late Bronze Age metalwork: typology, distributions and chronology", *Proc Soc Antiq Scot* Vol. 93 1959-60, p.16-134. (quoted in NMRS)

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RCAHMS. 1928. The Royal Commission on the Ancient and Historical Monuments and Constructions of Scotland. *Ninth report with inventory of monuments and constructions in the Outer Hebrides, Skye and the Small Isles*. 143, No. 481 (quoted in NMRS)

Old and New Statistical Accounts of Scotland (<http://edina.ac.uk/stat-acc-scot/>):

- Account of 1791-99 vol.4 p.130 : Duirinish, County of Inverness
- Account of 1834-45 vol.14 p.322 : Duirinish, County of Inverness

Highland Historic Environment Record (<http://her.highland.gov.uk/>)

National Monuments Record (<http://www.rcahms.gov.uk>)

National Library of Scotland Online Historic Maps (<http://geo.nls.uk/>)

## Index of Photographs

All photographs were taken by John Wood

Photo No.	Subject	Location	Direction	Date
IMGP2342	Water main line running along main road A863	CP1	S	13/09/2010
IMGP2343	Water main line running along main road A863	CP1	N	13/09/2010
IMGP2344	Water main crosses road - land here has been heavily cut for peat	CP2	NW	13/09/2010
IMGP2345	Water main crosses road - land here has been heavily cut for peat	CP2	SE	13/09/2010
IMGP2346	Water main crosses road - land here has been heavily cut for peat	CP2	SSE	13/09/2010
IMGP2347	Water main crosses road - land here has been heavily cut for peat	CP2	SSW	13/09/2010
IMGP2348	Proposed pumping station site	CP3	ENE	13/09/2010
IMGP2349	Proposed pumping station site	CP3	NE	13/09/2010
IMGP2350	Proposed pumping station site	CP3	NNE	13/09/2010
IMGP2351	View along line / A863	CP3	NNW	13/09/2010
IMGP2352	View along line / A863 - WM Line leaves road	CP4	N	13/09/2010
IMGP2353	WM rejoins road: rough grazing, bracken, rocky outcrops	CP5	SSW	13/09/2010
IMGP2354	WM line runs along old road line below modern road	CP6	SE	13/09/2010
IMGP2355	WM line runs along old road line below modern road	CP6	SW	13/09/2010
IMGP2356	WM line runs along old road line below modern road	CP6	NW	13/09/2010
IMGP2357	WM rejoins modern road	CP7	S	13/09/2010
IMGP2358	WM rejoins modern road	CP7	N	13/09/2010
IMGP2359	St John's church	CP7	NW	13/09/2010
IMGP2360	Water valves	CP8	W	13/09/2010

Photo No.	Subject	Location	Direction	Date
IMGP2361	WM leaves road and follows shore through improved grassland - panorama	CP9	E	13/09/2010
IMGP2362	WM leaves road and follows shore through improved grassland - panorama	CP9	SE	13/09/2010
IMGP2363	WM leaves road and follows shore through improved grassland - panorama	CP9	S	13/09/2010
IMGP2364	WM leaves road and follows shore through improved grassland - panorama	CP9	SSW	13/09/2010
IMGP2365	View N	CP9	N	13/09/2010
IMGP2366	WM crosses road	CP10	NE	13/09/2010
IMGP2367	WM crosses road	CP10	N	13/09/2010
IMGP2368	WM crosses road	CP10	N	13/09/2010
IMGP2369	WM crosses road - WM route	CP10	NNW	13/09/2010
IMGP2370	WM crosses road - WM route	CP10	WNW	13/09/2010
IMGP2371	WM crosses road	CP10	WSW	13/09/2010
IMGP2372	WM crosses road	CP10	SSW	13/09/2010
IMGP2373	WM crosses road	CP11	NNE	13/09/2010
IMGP2374	WM crosses road	CP11	ENE	13/09/2010
IMGP2375	WM crosses road - WM line	CP11	ESE	13/09/2010
IMGP2376	WM crosses road	CP11	SE	13/09/2010
IMGP2377	WM crosses road	CP11	SSE	13/09/2010
IMGP2378	WM crosses road	CP11	S	13/09/2010
IMGP2379	WM crosses road	CP11	SSW	13/09/2010
IMGP2380	WM crosses road	CP11	SW	13/09/2010
IMGP2381	WM crosses road	CP11	WSW	13/09/2010
IMGP2382	WM crosses road	CP11	W	13/09/2010
IMGP2383	WM crosses road - WM line	CP11	WNW	13/09/2010
IMGP2384	WM crosses road	CP11	NW	13/09/2010
IMGP2385	WM runs W of road	CP12	S	13/09/2010
IMGP2386	WM runs W of road	CP12	SW	13/09/2010
IMGP2387	WM runs W of road	CP12	W	13/09/2010
IMGP2388	WM runs W of road	CP12	WNW	13/09/2010
IMGP2389	WM runs W of road	CP12	NW	13/09/2010
IMGP2390	WM runs W of road	CP12	NNW	13/09/2010
IMGP2391	WM crosses road	CP13	NNE	13/09/2010

Photo No.	Subject	Location	Direction	Date
IMGP2392	WM crosses road - view along line	CP13	NNW	13/09/2010
IMGP2393	WM crosses road	CP13	WNW	13/09/2010
IMGP2394	WM crosses road	CP13	WSW	13/09/2010
IMGP2395	WM crosses road	CP13	SSW	13/09/2010
IMGP2396	WM crosses road	CP13	S	13/09/2010
IMGP2397	WM crosses road	CP13	SSE	13/09/2010
IMGP2398	WM crosses road	CP13	ESE	13/09/2010
IMGP2399	WM crosses road	CP13	E	13/09/2010
IMGP2400	WM crosses road	CP13	ENE	13/09/2010
IMGP2401	Panorama	CP14	SW	13/09/2010
IMGP2402	Panorama - Peat cuttings	CP14	S	13/09/2010
IMGP2403	Panorama - Peat cuttings	CP14	SE	13/09/2010
IMGP2404	Panorama - Peat cuttings	CP14	E	13/09/2010
IMGP2405	Panorama	CP14	W	13/09/2010
IMGP2406	Panorama	CP14		13/09/2010
IMGP2407	Panorama	CP14	SSW	13/09/2010
IMGP2408	Panorama	CP14	S	13/09/2010
IMGP2409	Panorama	CP14	SSE	13/09/2010
IMGP2410	Panorama	CP14	SE	13/09/2010
IMGP2411	View along WM line - peat cuttings	CP15	E	13/09/2010
IMGP2412	View along WM line	CP15	W	13/09/2010
IMGP2413	Dunvegan / Osedale Water Works	CP16	SSE	13/09/2010
IMGP2414	Dunvegan / Osedale Water Works	CP16	SSW	13/09/2010
IMGP2415	Dunvegan / Osedale Water Works	CP16	S	13/09/2010
IMGP2416	Weather conditions! Photography aborted	CP16	SE	13/09/2010
IMGP2417	View across WM line	CP17	SW	13/09/2010
IMGP2418	View across WM line	CP17	W	13/09/2010
IMGP2419	Peat cuttings	CP18	W	14/09/2010
DSC_0001	View along line of WM	CP10	ENE	14/09/2010
DSC_0002	View along line of WM	CP10	WSW	14/09/2010
DSC_0003	Quarry pit for road / field clearance	CP10	WNW	14/09/2010
DSC_0004	deleted			14/09/2010



Photo No.	Subject	Location	Direction	Date
DSC_0005	view along approx line of WM	CP19	SW	14/09/2010
DSC_0006	view along approx line of WM	CP19	ENE	14/09/2010
DSC_0007	dyke - possible mill lade	CP20	SW	14/09/2010
DSC_0008	dyke - possible mill lade	CP20	NE	14/09/2010
DSC_0009	Sheep fank and wall footings; township on opposite bank	CP21	SE	14/09/2010
DSC_0010	Ridge and furrow	CP21		14/09/2010
DSC_0011	Ridge and furrow	CP21		14/09/2010
DSC_0012	Remnants of former dyke bordering Ridge and Furrow	CP22	NW	14/09/2010
DSC_0013	Remnants of former dyke bordering Ridge and Furrow	CP22	NW	14/09/2010
DSC_0014	Rough grazings	CP22	W	14/09/2010
DSC_0015	View back to sheep fank	CP22	SW	14/09/2010
DSC_0016	Rough grazings	CP23	SW	14/09/2010
DSC_0017	Rough grazings	CP23	NE	14/09/2010
DSC_0018	Ridge and furrow	CP24	NE	14/09/2010
DSC_0019	Ridge and furrow	CP24	N	14/09/2010
DSC_0020	Ridge and furrow	CP24	NW	14/09/2010
DSC_0021	Ridge and furrow	CP24	WNW	14/09/2010
DSC_0022	Ridge and furrow	CP24	W	14/09/2010
DSC_0023	Ridge and furrow	CP24	WSW	14/09/2010
DSC_0024	Ridge and furrow	CP24	SW	14/09/2010
DSC_0025	Ridge and furrow	CP24	N	14/09/2010
DSC_0026	Site for weir	CP25	WSW	14/09/2010
DSC_0027	Site for weir (zoom)	CP25	WSW	14/09/2010
DSC_0028	View upstream	CP26	NNE	14/09/2010
DSC_0029	View upstream	CP26	ENE	14/09/2010
DSC_0030	View upstream	CP26	E	14/09/2010
DSC_0031	Site for weir	CP26	SE	14/09/2010
DSC_0032	Site for weir	CP26	SSE	14/09/2010
DSC_0033	Site for weir	CP26	S	14/09/2010
DSC_0034	Site for weir	CP26	SSW	14/09/2010
DSC_0035	Site for weir	CP26	SW	14/09/2010
DSC_0036	Dyke	CP26	W	14/09/2010
DSC_0037	Dyke	CP26	WNW	14/09/2010
DSC_0038	Peat stack and cuttings	CP26	NNW	14/09/2010
DSC_0039	Peat stack and cuttings	CP26	N	14/09/2010
DSC_0040	Peat stack and cuttings	CP26	NNE	14/09/2010
DSC_0041	View upstream	CP26	NNE	14/09/2010

Photo No.	Subject	Location	Direction	Date
DSC_0042	On dyke	CP27	SW	14/09/2010
DSC_0043	On dyke - panorama	CP28	NW	14/09/2010
DSC_0044	On dyke - panorama	CP28	NNW	14/09/2010
DSC_0045	On dyke - panorama	CP28	N	14/09/2010
DSC_0046	On dyke - panorama	CP28	NNE	14/09/2010
DSC_0047	On dyke - panorama	CP28	NE	14/09/2010
DSC_0048	On dyke - panorama	CP28	ENE	14/09/2010
DSC_0049	On dyke - panorama	CP28	E	14/09/2010
DSC_0050	On dyke - panorama	CP28	ESE	14/09/2010
DSC_0051	On dyke - panorama	CP28	SE	14/09/2010
DSC_0052	On dyke - panorama	CP28	SSE	14/09/2010
DSC_0053	On dyke - panorama	CP28	S	14/09/2010
DSC_0054	On dyke - panorama	CP28	SSW	14/09/2010
DSC_0055	On dyke - panorama	CP28	SW	14/09/2010
DSC_0056	On dyke - panorama	CP28	WSW	14/09/2010
DSC_0057	Beside waterfall - panorama	CP29	ENE	14/09/2010
DSC_0058	Beside waterfall - panorama	CP29	E	14/09/2010
DSC_0059	Beside waterfall - panorama	CP29	SE	14/09/2010
DSC_0060	Beside waterfall - panorama	CP29	S	14/09/2010
DSC_0061	Beside waterfall - panorama	CP29	SW	14/09/2010
DSC_0062	Beside waterfall - panorama	CP29	WSW	14/09/2010
DSC_0063	Below waterfall - panorama	CP30	E	14/09/2010
DSC_0064	Below waterfall - panorama	CP30	NE	14/09/2010
DSC_0065	Below waterfall - panorama	CP30	NNE	14/09/2010
DSC_0066	Below waterfall - panorama	CP30	N	14/09/2010
DSC_0067	Below waterfall - panorama	CP30	NNW	14/09/2010
DSC_0068	Below waterfall - panorama	CP30	NW	14/09/2010
DSC_0069	Below waterfall - panorama	CP30	WNW	14/09/2010
DSC_0070	Below waterfall - panorama	CP30	W	14/09/2010
DSC_0071	Below waterfall - panorama	CP30	WSW	14/09/2010
DSC_0072	Below waterfall - panorama	CP30	SW	14/09/2010
DSC_0073	Below waterfall - panorama	CP30	SSW	14/09/2010
DSC_0074	Below waterfall - panorama	CP30	S	14/09/2010
DSC_0075	Below waterfall - panorama	CP30	SE	14/09/2010
DSC_0076	Below waterfall - panorama	CP30	E	14/09/2010
DSC_0077	Waterfall	CP31	ENE	14/09/2010
DSC_0078	Waterfall - zoom	CP31	ENE	14/09/2010

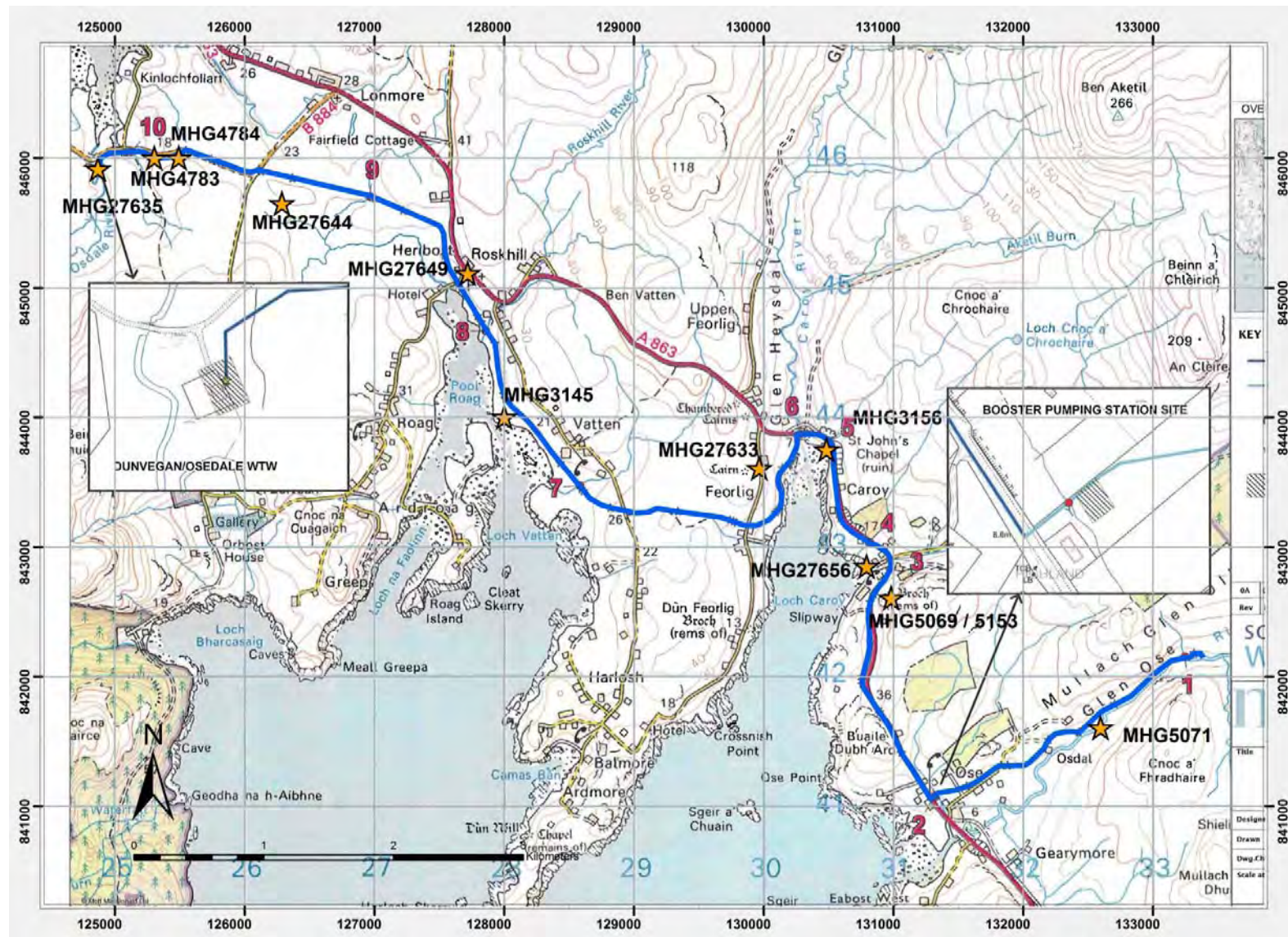


Figure 8 Previously recorded sites



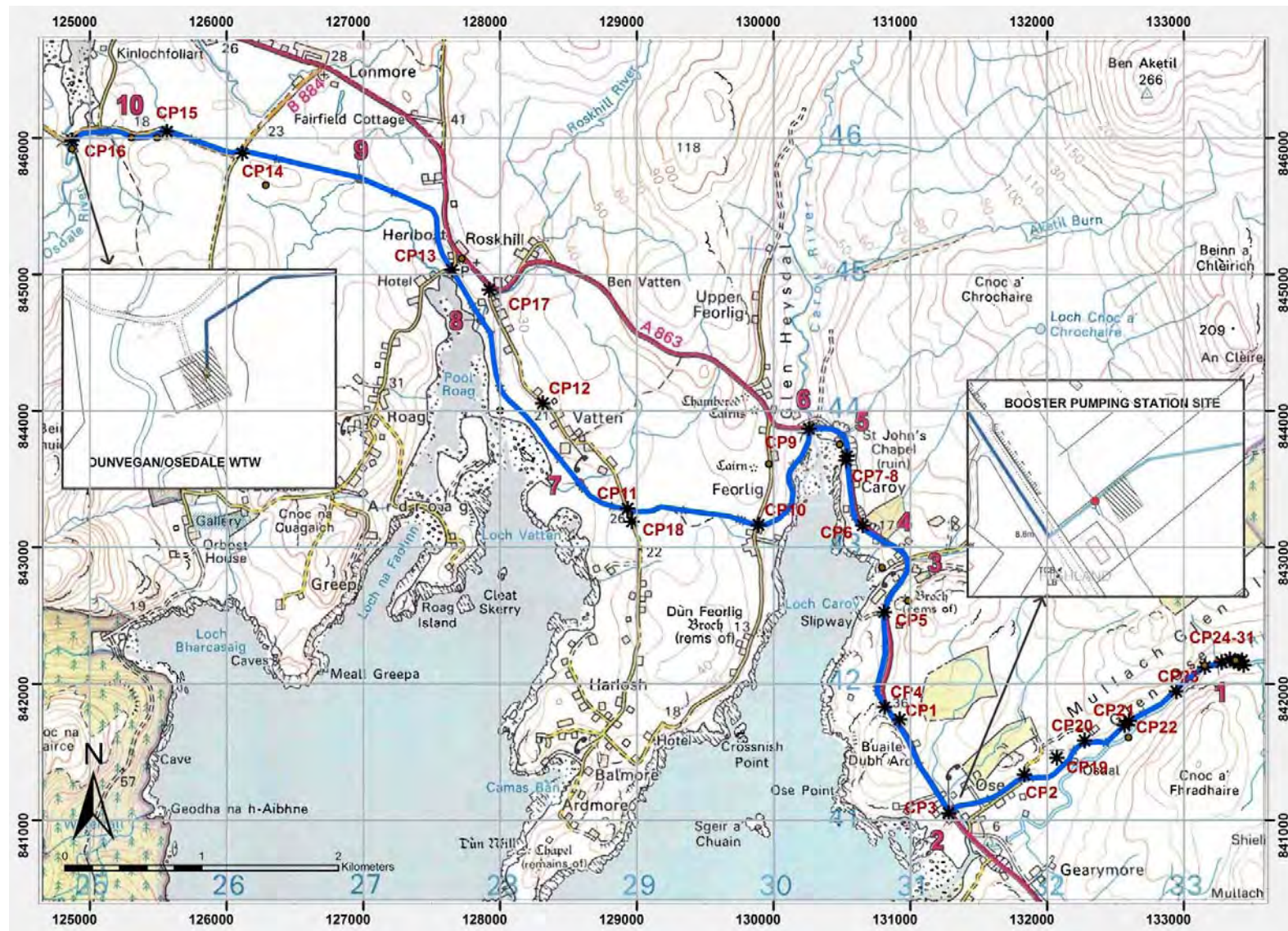


Figure 9 Camerapoints (see also Fig 9)



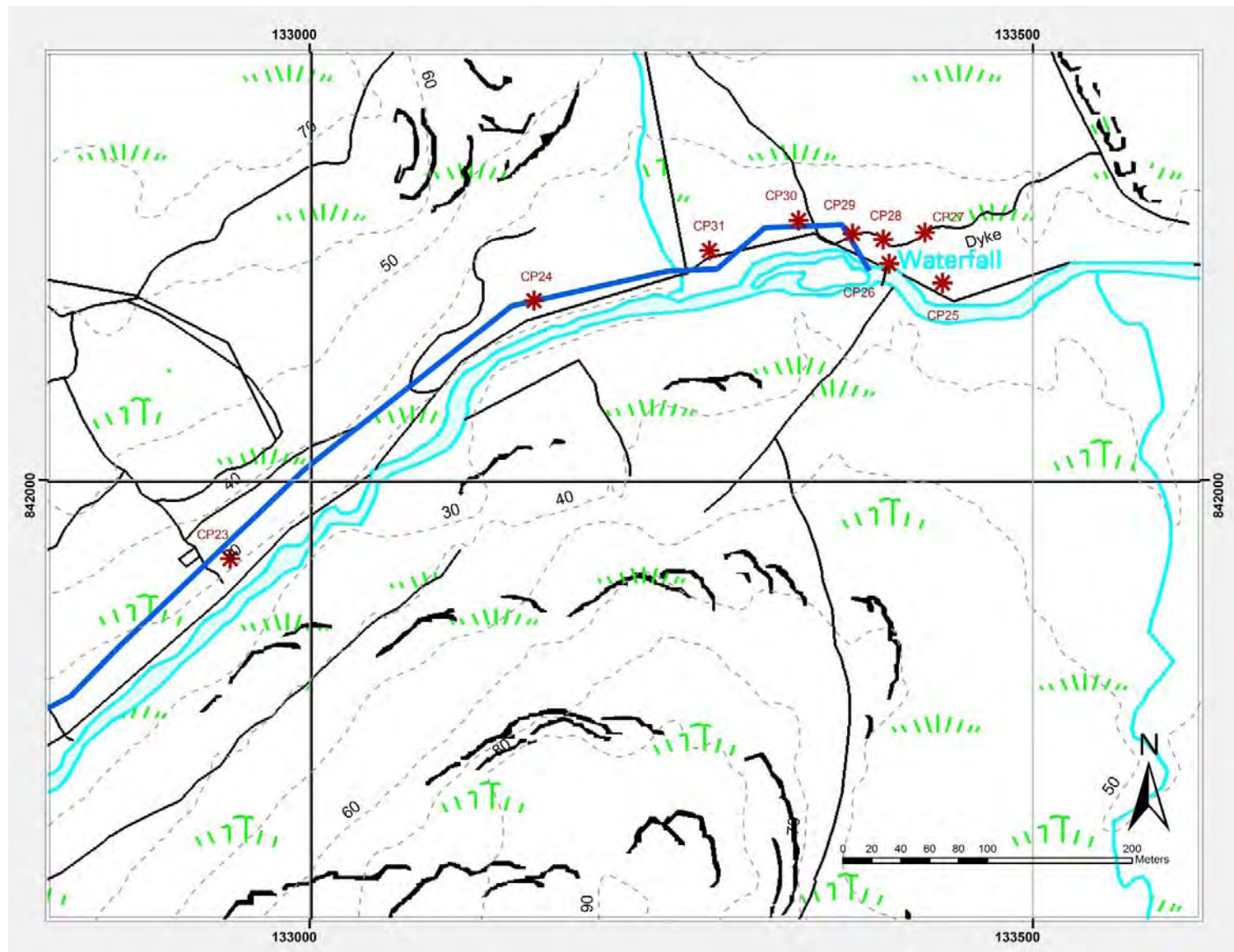


Figure 10 Camerapoints: Weir site, Osedale