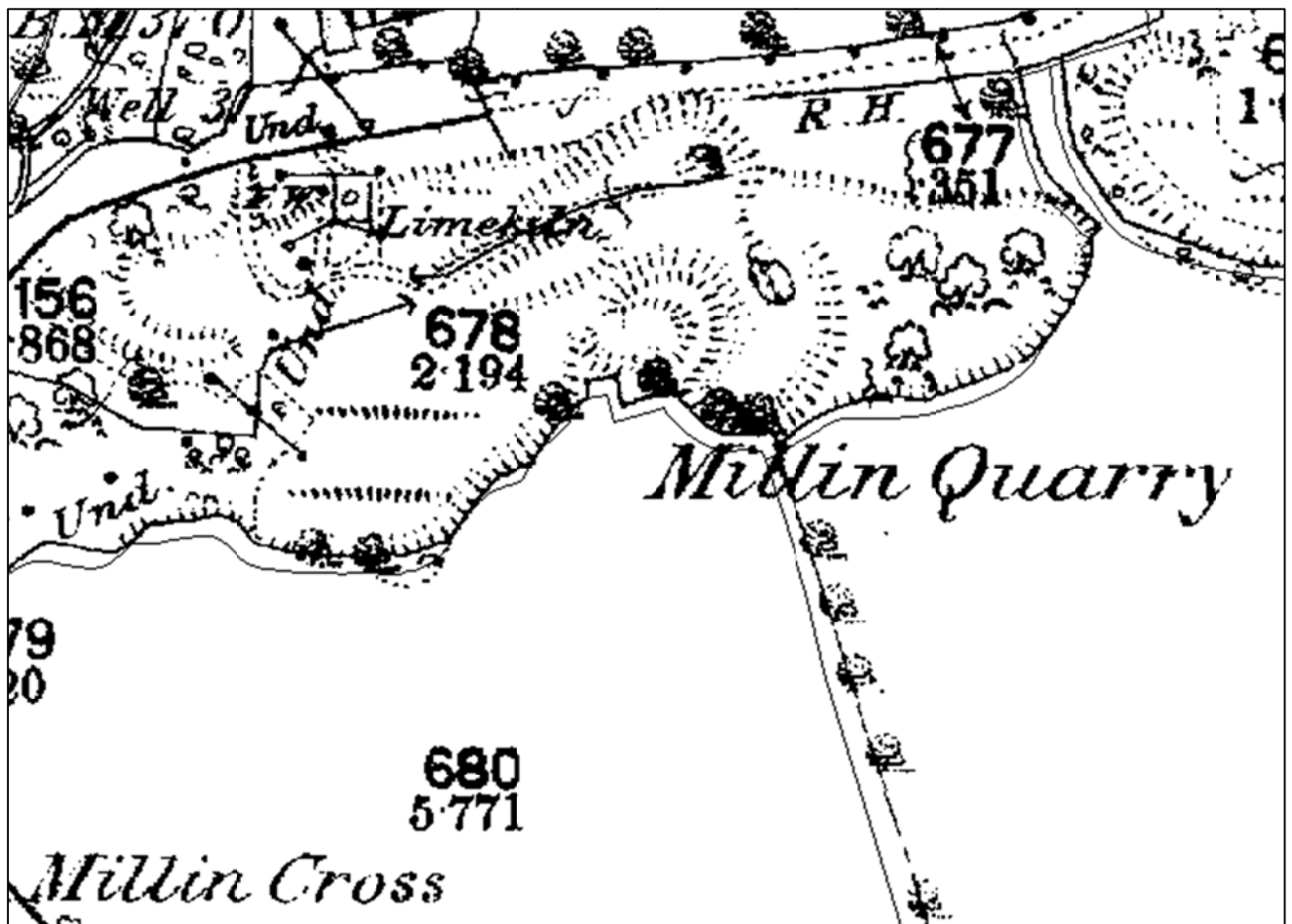


Historic Environment Feature Management Report:

Millin Quarry and Lime Kiln

Customer Reference Number: A0030021

UID: 300,786



Detail from the Ordnance Survey 1st edition map (1889) © and database right Crown copyright and
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This management plan has been produced by Dyfed Archaeological Trust Heritage Management to inform the positive management of the identified Priority Historic Environment Feature. The identified management outcome will meet the objective for the Historic Environment Feature Targeted Layer as part of the Glastir Land Management Scheme.

Site Description

A quarry and lime kiln shown on the 1889 1st edition Ordnance Survey map. The quarry falls into two zones, comprising the bulk of the workings to the west with a smaller area to the east separated by an unexcavated ridge. The kiln is located on a raised terrace in the NW part of the main quarry.

The site is shown virtually unchanged on the 2nd edition Ordnance Survey mapping in 1907 except that the quarry is described as Disused, suggesting that the kiln may also be abandoned by this date. The site is part of the Picton Castle Estate and the quarry itself may have medieval origins as a source for the stone for the castle (Another disused quarry lies to the west PRN 45250). The kiln and quarry are located at the head of a tidal channel from the River Cleddau which gave easy access to the coastal waters. As such the kiln can be regarded as part of the wider 18th-19th century coastal lime industry. Nearby Millin Mill (UID 300,787) may have medieval origins attesting to the long use of the immediate area for industry and associated water transport.

The kiln is shown on the most recent Ordnance Survey mapping (Mastermap 2011). The most recent aerial photographs (Next Perspectives, 2009) show the area to be covered with thick woodland so its current condition is unclear

PRN 17781 Name MILLIN

Period Post-medieval **Site Type** Quarry

NGR SM9970514071

The quarry includes a series of scoops, hollows and raised ground representing different phases of excavation and dumping of spoil within the quarry floor. The mapping shows a track running through the quarry floor which leads up to the kiln to transport materials. There is pond in the eastern part of the main workings with an outflow extending through the quarry, which is bridged by the track in the centre of the quarry floor.

PRN 43263 Name MILLIN

Period Post-medieval **Site Type** Lime kiln

NGR SM9960314084

The kiln includes a square structure built of limestone blocks bonded with lime mortar with a central pot. The 1st edition Ordnance Survey mapping shows a track leading up to the west of the kiln which will have transported materials and acted as a charging ramp.

Management Issues

The main management issues for this site are focussed on the kiln where it is required to control invasive vegetation which has the potential to damage built structural remains and below ground archaeological deposits by the intrusive action of roots and the prising apart of masonry bonds and also to protect the remains from wind throw and insensitive woodland management. Excessive vegetation cover can also obscure the remains from view.

The quarry remains are less susceptible to root damage but are still at risk from insensitive woodland management.

Desired Management Outcome

The desired management outcome is to prevent degradation of the built structural remains and buried archaeological deposits of the kiln and to keep them in a stable and visible condition. In addition it is desirable for woodland clearance and harvesting to be managed with care, particularly around the kiln and tracks.

Management Actions

Lime Kiln PRN 43263

The following management actions are required in order to keep the structure in a stable and visible condition:

- Cut back any vegetation in order to prevent root damage and to retain the visibility of the structure.
- Remove any young trees growing out of the top of the structures by cutting by hand. Do not pull-up by the roots as this is potentially destabilising to masonry bonds.
- Cut any scrub back by hand.
- Spot treat to prevent re-growth.
- Leave canopy where possible to inhibit shrub growth

Management Actions

Quarry PRN 17781

The following management actions are desirable in order to minimise damage to archaeological remains within the quarry particularly in the vicinity of the kiln and tracks.

- Any harvesting or thinning of trees to avoid heavy and protracted extraction leading to ground disturbance
- Avoid leaving trees vulnerable to wind throw

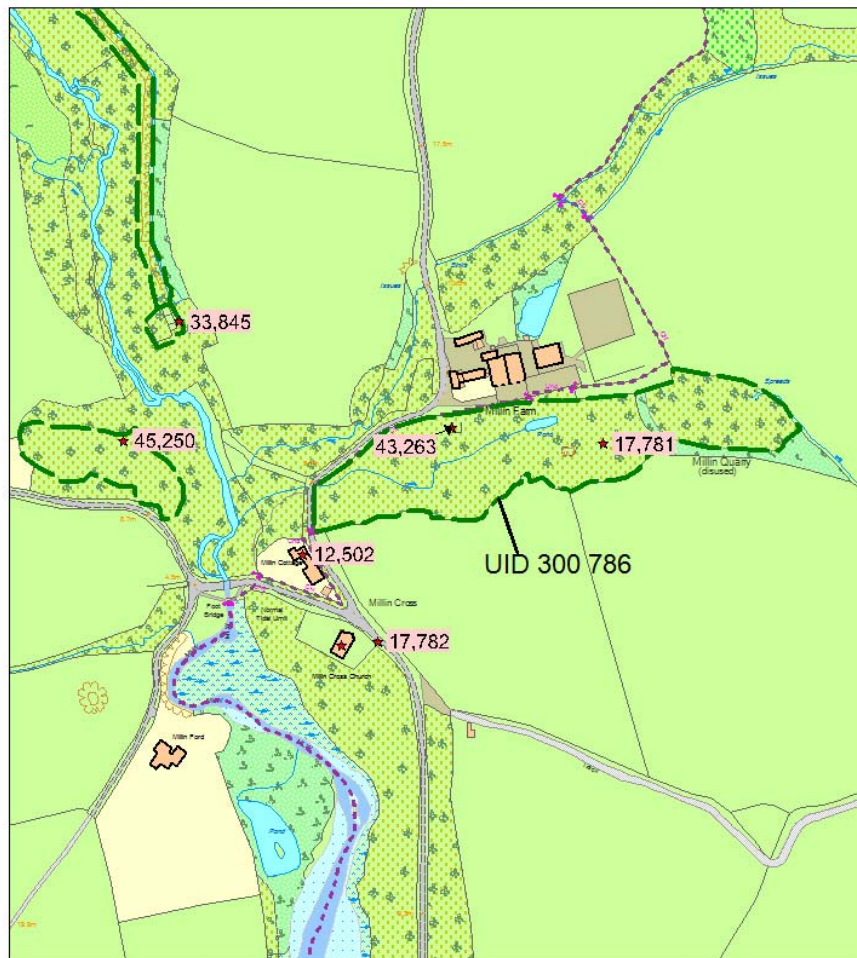
Glastir Whole Farm Code

Please also remember that, unless we have indicated otherwise, the Glastir Whole Farm Code should be observed for all historic features on your farm. The Whole Farm Code states that you must not damage any historic feature identified on your agreement map.

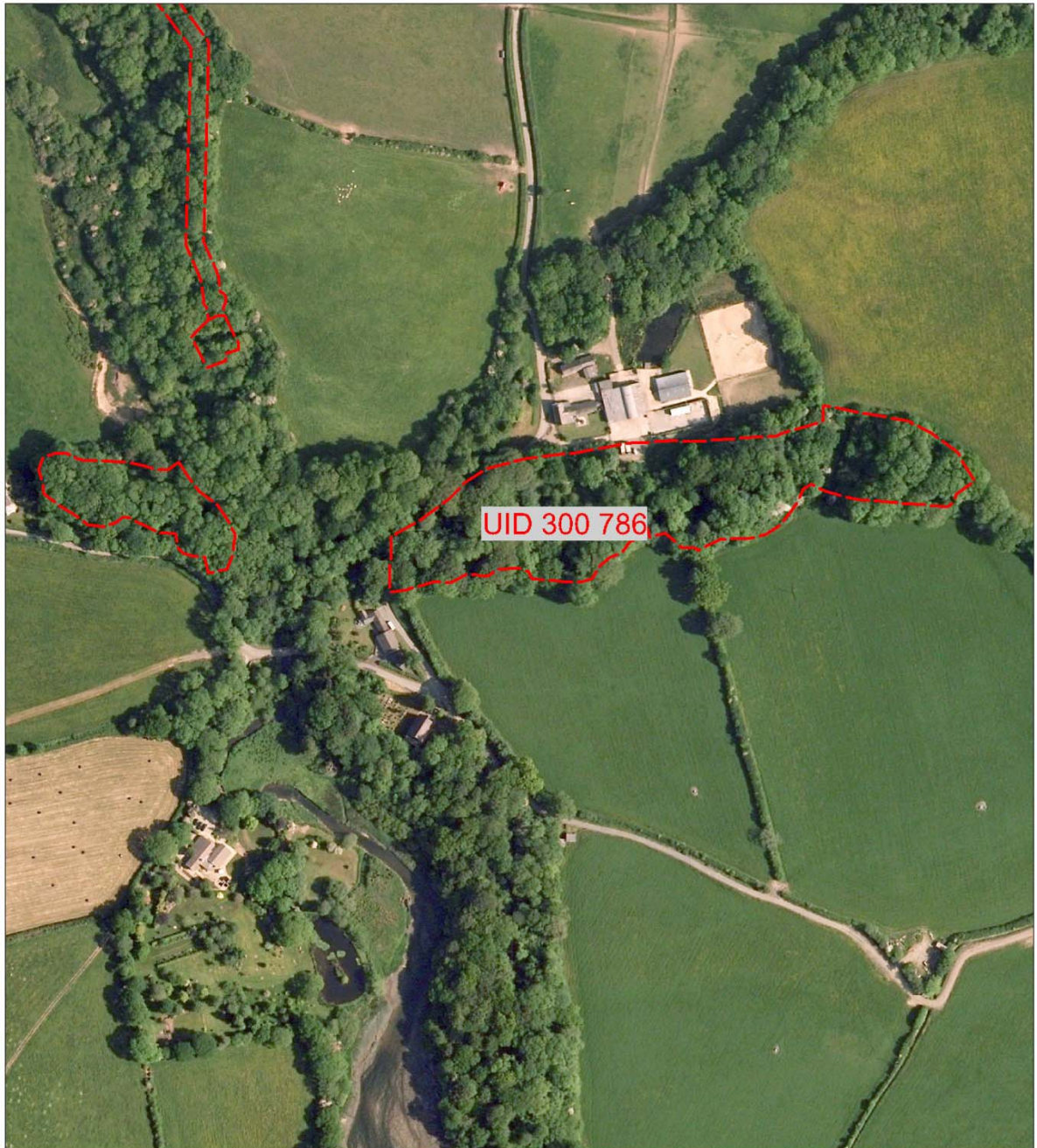
Definitions of damage to a historic feature include ANY of the following:

- Ground disturbance or excavation especially extending beneath topsoil.
 - Dumping or storage of material, including temporary storage.
 - Removal of any material, including stones, soil or subsoil.
 - Visible signs of active erosion (loss and disturbance of topsoil) caused by livestock and vehicles or other agricultural practice.
 - Planting trees.
 - Allowing scrub to develop.
 - Ploughing or reseeded.
 - Displacing individual stone features.
-

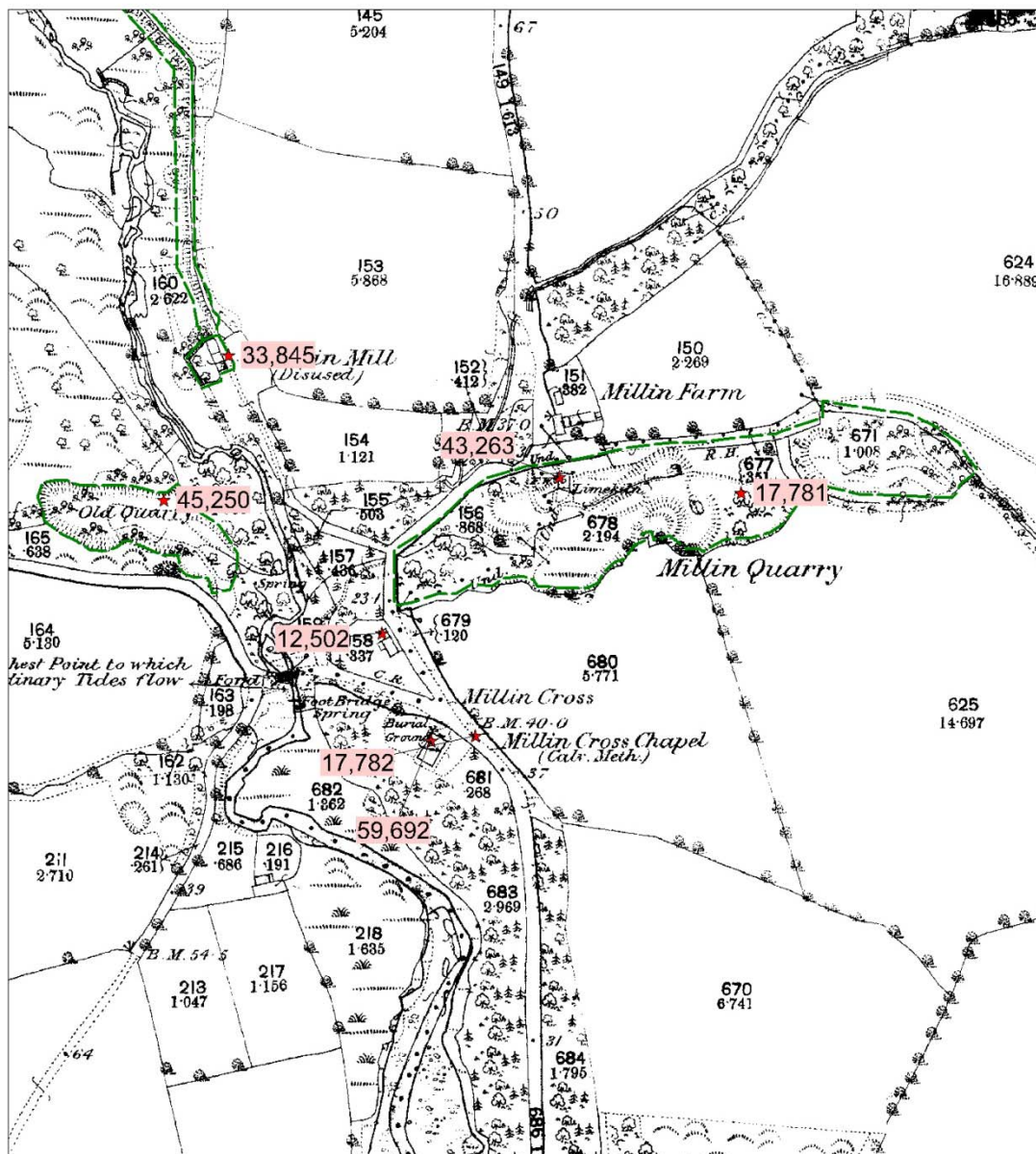
Location Map



Aerial Photograph



Old Maps



Extract taken from Ordnance Survey 1st edition map

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Extract taken from Ordnance Survey 2nd edition map

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Archaeological data, from the Regional Sites and Monuments Record, supplied by The Dyfed Archaeological Trust in partnership with Local Authorities, Cadw and the partners of ENDEX DAT, 2011 (and in part Crown, 2011).

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