

# Historylinks Museum Fieldwalking Survey

**Embo Mains Farm,  
Parish of Dornoch, Sutherland**

**30<sup>th</sup> April 2010**



**Supported by The Highland Council**

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### **Introduction**

An archaeological fieldwalking survey was organised by Historylinks Museum in collaboration with members of the Dornoch Heritage Society and primary six pupils from Dornoch Primary School. The survey took place on a field belonging to Embo Mains Farm, and was an opportunity for the museum to enhance its knowledge about the earlier inhabitants of the town and vicinity, through old objects from the past. The museum's use of archaeological finds provided a stimulating way to engage children with the past.

### **Aim of project**

- Enhancing local history knowledge about the royal burgh of Dornoch
- Appreciation and understanding between generations
- Increased understanding of landscape use and change through time
- Learning new skills and techniques to collect information
- Enhancing communication and team building skills
- Supplying new information to national bodies

### **Location**

The field lies on the outskirts of Dornoch at map ref. NH 901 796.



Aerial photograph of a field belonging to Embo Mains Farm  
The location of the fieldwalking survey undertaken in April 2010

## **History**

The field chosen for this survey lies just outside the town and has been annotated on a map dated 1783 by David Aitken as '*Burgh Lands*'. It is currently part of Embo Mains Farm. It is not known if the site was occupied in prehistoric times and no sites were identified on the Historic Environment Record (HER).

St. Gilbert (or Gilbert of Moravia) was the first Bishop of Caithness to live in the town over 700 years ago. In 1224, he paid for a wonderful new Cathedral to be built in Dornoch. Stonemasons, glaziers and workmen came from many different countries to construct the big stone building. It was a long slow job, but it was finished before St. Gilbert died in 1245. The market town of Dornoch was created a royal burgh in 1567 by royal charter granted by King James VI.

The Cathedral was such an important institution that Dornoch soon became the most powerful town in Sutherland. Seven big markets or fairs were held here every year, bringing lots of people and money to the town. Dornoch was an important legal centre too; it had the county's only law courts and jail.

At the start of the nineteenth century many of the small crofting townships were demolished and the land re-developed into larger farm holdings during the Clearances. The later Victorian upsurge of tourism coincided with the building of the railway and development of Dornoch as a resort famed for its world class golf course.

## **Preparation & risk assessment**

As part of the site assessment a reconnaissance walk was undertaken to highlight potential risk and any access problems. No major risks were identified and a full assessment was written up for all interested parties to read and sign.

## **Classroom preparatory work**

An introductory classroom session was undertaken at Dornoch Primary School, prior to the practical fieldwork. The pupils learnt about the archaeological technique of fieldwalking and how it could be used to find objects from the past. The coordinator used a digital presentation to show the group a range of objects and material types that were often lost or broken in the past and later retrieved. Special attention was given to identifying prehistoric pottery sherds.

The project coordinator was responsible for developing a project plan, which included dividing the field into transects and supplying bag numbers to all participants. The following method was employed.

- Field divided into 2m transects
- Collecting bags numbered
- Participants positioned along the field edge in line of sight to other end of transect
- Scanning method used to see objects on ploughsoil
- All objects of interest collected
- Collecting bags handed to coordinator after strip has been walked
- Coordinator repositioned participants along the field at next transect and process begins again

### **Fieldwalking session**

The fieldwalking survey took place on Friday 30<sup>th</sup> April 2010. The first group of 21 participants commenced walking at 9.15am until 10.15am. This was followed by the second group of 18 individuals who started walking at 10.45 and were rained off at 11.40am. The intergenerational group comprised of 5 adults and 34 children. Two thirds of the field was covered in this time, i.e. parts A, B & C (**See aerial photo above**). All participants walked slowly across the field in a straight line scanning left and right to spot objects in the ploughsoil. All find types were recovered by the groups, including stones etc. At the end of the sessions all bags were collected by the coordinator and the name of the walkers recorded. A total of 40 bags of finds were collected from the field.

**(See Appendix 1)**



Schoolchildren scanning the ground for fascinating finds

### **Cleaning and cataloguing**

A cleaning and sorting session was organised at the school at a later date. This involved dry-brushing the finds carefully to remove the excess soil. Sue Higgins, the appointed finds officer for the project, assisted in removing the unwanted stones from each bag. The children began the process of identifying the finds under the expert guidance of the finds officer. The children were able to identify some of the finds and where they originated from, e.g. a roof, windows, plates & bowls, bottles, clothing accessories etc.

The next stage involved washing some of the finds, e.g. pottery and glass and putting them in new labelled bags. This was carried out by the finds officer and coordinator.

A further classroom session was led by artist Sally Wild, who showed the children how to draw their finds, i.e. as they appear and when complete. The session also involved the children writing poems about the objects they liked best.



Dornoch schoolchildren with artist Sally Wild and teacher Barbara Moore – with finds pictures

### **Preliminary results**

A list of all the finds per bag was compiled and the information inserted into a database. The finds officer highlighted any finds of interest or requiring further research. **(See Appendix 2)**

### **Conclusion**

The finds were systematically retrieved, cleaned and catalogued as part of the preliminary post-excavation analysis. The on-going research into the assemblage has revealed that human activity at the site, identified through the material culture, can be traced back to prehistoric times, i.e. worked flint. The recovery of several medieval pottery sherds may coincide with the development of Dornoch as a market centre during the medieval period when markets and fairs took place on a regular basis in and around the Cathedral graveyard.

It is likely that the dumping of rubbish onto the field may account for a proportion of the material recorded during the survey. The high level of burnt material and pieces of metal slag recovered may provide evidence that there was metal working activity in the area.

Further research will be required to identify and date some of the finds of significant interest to the area. An exhibition has been produced by the schoolchildren which includes drawings of the finds and a selection of objects.

### **Treasure Trove**

Some of the finds may be of interest to the Treasure Trove panel and the museum will seek advice from the archaeology unit on how to proceed in this matter.

**(See Appendix 3 – Selection of finds photographs)**

**Acknowledgements**

Historylinks Museum would like to thank Mr Jocky Mackintosh for granting permission for the survey to take place and teacher Barbara Moore for her continued support. A copy of the report will be deposited with the Highland Council's archaeology unit and Dornoch Library. A copy will also be available to consult in the museum.

**Appendix 1**

Survey bag number sheet showing the names of the fieldwalkers, bag nos. and the area in the field where the finds were recovered.

**Appendix 2**

Finds lists compiled by Sue Higgins, the project finds officer.

**Appendix 3**

Selection of photographs from entire assemblage

## Appendix 1: Finds bag record

Historylinks Fieldwalking Trip – Embo Mains Farm

Friday 30<sup>th</sup> April 2010

Part of field	Bag No.	Name	Adult/child (A/C)	Comments
Start of group one session – 9.15am				
A	1	Naomi Greenland		
A	2	Michaela MacIvor		
A	3	Julie Rutherford		
A	4	Pete higgins	Adult	
A	5	Chloe Preston		
A	6	Elizabeth Richardson		
A	7	Charlie Davidson		
A	8	Cliff Reddin	Adult	
A	9	William Counsell		
A	10	Dexter Murray		
A	11	Lyle Swanson		
A	12	Ryan Holden		
A	13	Rick Bramley	Adult	
A	14	Sonia Bleasdale		
A	15	Alyson Mackay		
A	16	Beth Cowan		
A	17	Jean Birkett	Adult	
A	18	Robert Tomalin		
A	19	Adam Currie		
	20	<b>NOT USED</b>		
A	21	Peter Wild	Adult	
End of group one session - 10.15am				
Start of group two session – 10.45am (Starting point 1)				
B	22	Dylan MacLennan		

B	23	Joe Mackay		
	24	Tom Lindsay		
B	25	Sam Goskirk		
B	26	Cliff Redin		

Start of group two session – 10.45am (Starting point 2)

C	27	Rebecca Matheson		
C	28	Emma Whiteman		
C	29	Taylor Wilmot		
C	30	Lois Morrision		
C	31	Rick Bramley	Adult	
C	32	Connor Mackay		
C	33	Ben Mackay		
C	34	Pete Higgins	Adult	
C	35	Eloise Tullock		
C	36	Erin Ross		
C	37	Stuart Matheson		
C	38	Jordon Macleod		
C	39	Caitlyn Anderson		
C	40	Jean Birkett	Adult	
C	41	Peter Wild	Adult	

Return of part group two – 10.45am (Starting point 3)

C	33	Ben Mackay		
C	26	Cliff Reddin	Adult	
C	27	Rebecca Matheson		
C	29	Taylor Wilmot		
C	30	Lois Morrision		
C	32	Connor Mackay		
C	31	Rick Bramley	Adult	
C	34	Pete Higgins	Adult	
C	35	Eloise Tullock		



C	36	Erin Ross		
C	37	Stuart Matheson		
C	38	Jordon Macleod		
C	41	Peter Wild	Adult	
C	39	Caitlyn Anderson		
C	40	Jean Birkett	Adult	
Return of part group two – 11.30 (Rained off)				

## Appendix 2: Finds List – Embo Mains farm (NH 901 796)

Context	Material	Frag	Description	Comments
1	stone	2	1 schist; 1 quartzite	
	slate	12	grey - 1 Ballachulish; 1 poss notched	? Worked/hole attachment
	coal	12		
	pottery	12	3 redwares with yellow slipped glaze; 9 refined earthenware - 8 plain; 1 blue dec	
	glass	10	4 clear (2 vessel, 2 flat); 1 pale blue base; 5 dark green bottle (2 neck; 3 body)	
	plastic	3	misc	
2	stone	2	red sandstone	
	slate	4	grey	
	coal	3		
	CBM	1	sanitary ware pipe, abraded with black glaze on buff sandy fabric, mortar adhering	
	pottery	10	2 sandywares 1 with dark green glaze, 1 red glazed 1 redware with brown glaze 8 refined earthenware all plain (1 cup handle, 2 rim, 3 body)	Late Med?
		7	2 opaque white, 2 clear (1 vessel, 1 flat); 3 dark green bottle/vessel	
	glass			
	an			
	bone	1	1 sheep tooth, 1 lg mammal long bone shaft with skinning cuts	
	shell	c5	egg shell	
3	stone	3	1 granite, 2 sandstone	
	slate	5	grey	
	coal	2		
	pottery	11	1 sandyware with corded line decoration; 1 tin glazed blue and white foot ring; 1 redware with yellow slipped glaze (handle); 8 refined earthenware - 3 plain, 5 with blue/white dec	Sandyware late med; tin glazed ?18thc
		5	2 clear flat; 3 dark green bottle/vessel	
		glass		
	clay			
	pipe	1	stem with part of stamp 'BURNS.. on one side and '...& co' on other	Burns Cutty post 1850
	an			
	bone	1	sm misc burnt fragment	
4	stone	1	schist	
	slate	5	grey	
	coal	7		
	pottery	5	3 refined earthenware 2 plain, 1 blue line dec; 1 sandyware with traces of decayed glaze and 1 redware with dark brown glaze	Late Med?
8		3 clear (2 flat, 1 vessel); 3 pale green (1 flat, 2 vessel); 2 dark green bottle		

	an			
	bone	1	small mammal	
	plastic	6	tarmac; flavoured milk bottle; 2 opaque flat frags; bin liner; plastic string	
5	slate	8	grey - 2 Ballachulish	
	coal	5		
	pottery	6	all plain refined earthenwares - 5 body, 1 rim	
	glass	5	4 clear flat, 1 dark green	
	an			
	bone	1	large mammal burnt	
	shell	1	egg	
6	slate	7	6 grey, 1 burnt	
	coal	11		
	pottery	7	1 sandyware with applied strip decoration and green glaze 6 refined earthenware, all plain - 5 body, 1 handle	?late Med
	glass	7	2 clear vessel, 5 dark green bottle/vessel (1 part of straight sided bottle base)	
	plastic	2	black casing	
7	stone	1	red sandstone	
	slate	10	9 grey (2 Ballachulish), 1 heavily burnt (thickness 13mm)	
	coal	4		
	pottery	17	9 refined earthenware - 8 plain (6 body, 1 rim, 1 base); 1 blue/white; 2 creamwares (higher fired); 2 stonewares (1 rim with rippled dec - seedware); 1 redware with broken slipped glaze; 2 redwares with dark brown glaze; 1 cream fabric with dark brown glaze	seedware see also 9,15 & 21 etc
	glass	7	3 dark green bottle (1 body, 1 neck 19th/20th C, 1 base); 4 clear flat/vessel	
	cu	3	2 coins - 1 x 1 pence, 1 x 2 pence; 1 brass gun cartridge	
	all			
	lead	1	shot - small, corroding	
	clay			
	pipe	1	stem, diameter 9mm	
	an			
	bone	1	large mammal misc	
	plastic	1	ball of elastic bands	
8	slate	3	grey	
	coal	1		
	CBM	1	brick with no external surfaces remaining	
	pottery	10	2 stoneware - 1 ink bottle, 1 body sherd; 1 redware with dark brown glaze both sides;	pottery with patent stamp

			7 refined earthenware - 4 plain (1 foot ring; 1 dec rim); 1 blue/white ?sponge, 1 poss sponge dec with flowers/leaves & stamp - diamond patent stamp - year J 1880	
	glass	5	2 dark, 3 paler green bottle body	
	an			
	bone	1	sheep molar	
	plastic	1	sm green rim	
9	slate	2	grey	
	pottery	8	1 redware with dark brown glaze; 1 stoneware rim - seedware; 1 higher fired earthenware thin walled with blue transfer; 5 refined earthenware - 2 plain (1 base, 1 body); 1 green dec, 1 crazed brown ?sponge dec; 1 gold dec.	seedware see also 7, 15 & 21 etc
	glass	6	1 brown bottle; 1 clear flat; 3 green bottle; 1 pale green bottle	
	CBM	1	?coarse pot? - curved with internal smoothing and sanded outside + crude 'lug'	interesting unknown use
	plastic	1	animal tag	
	modern	1	fabric belt with metal buckle	
10	slate	5	grey - 1 Ballachulish with thickness of 14mm	
	coal	3		
	pottery	11	1 redware with dark brown glaze; 1 stoneware jar; 9 refine earthenware - 3 plain (1 cup rim), 5 blue/white ( 3 plate rim, 1 willow pattern), 1 rim with reddish line along rim (cup)	
	glass	8	4 clear flat, 4 dark green vessel/bottle body	
11	slate	17	15 grey - 2 Ballachulish; 2 burnt	
	coal	6		
	pottery	4	1 redware base with dark brown glaze; 3 refined earthenware all blue/white (2 poss sponge dec)	
	clay			
	pipe	1	stem diameter 7mm, assymetric bore hole	
	glass	12	2 clear flat; 3 clearish vessel; 1 pale green vessel, thin walled; 6 dark green bottle - 1 a datable neck/rim mid to late 18thC	
	an			
	bone	1	large mammal metapodial, broken	
12	slate	4	2 grey; 2 burnt	
	coal	2		

	pottery	10	1 redware with dark brown glaze, very abraded; 1 redware with yellow slipped glaze; 1 stoneware; 7 refined earthenware - 4 plain (1 plate rim); 1 red line dec just below rim (bowl), 2 blue/white (1 rim)	
	glass	13	6 clear flat; 4 dark green bottle/vessel; 1 clear vessel body; 1 pale green square bottle base; 1 small dark blue stopper (perfume bottle?)	
	slag	1	iron smelting	
	shell	1	abraded cockle	
	an			
	bone	2	1 cow tooth; 1 sheep sized metapodial - young animal unfused epiphysis	
	plastic	1	golf ball	
13	slate	3	grey	
	coal	1		
	CBM	1	roof tile fragment - sanded outside, smoothed inside - red sandy fabric with sparse clay inclusions	
	pottery	13	2 redwares with yellow slipped glaze; 1 stoneware jar with 'cKay' and 'Nelso...' stamped on it - ? Whisky piggin; 10 refined earthenware - 2 plain, 2 blue/white (1 rim), 1 striped	piggin
	glass	8	blue/white, 2 greyish blue, 3 spongeware - 1 green rim, 1 greenish body & 1 brown 3 clear flat (1 ribbed); 5 dark green bottle - 2 rims dated post 1814	
14	chert	1		
	pottery	15	2 porcelain - 1 with green leaf dec, 1 blue/white; 13 refined earthenware - 11 plain (1 with incised line dec), 2 blue/white rim	
	glass	7	1 white base foot; 2 clear flat; 2 clear vessel; 2 dark green bottle/vessel	
	slag	1	iron smelting	
	an			
	bone	1	sheep tooth	
15	slate	15	13 grey - 2 Ballachulish, 1 with notch cut out; 2 burnt	? Worked slate/attachment hole
	coal	3		
	CBM	2	tile fragment, poss peg; 1 probable daub	
	pottery	35	1 redware with dark brown glaze; 1 redware with yellow slipped glaze; 1 pinky fabric with dark brown glaze; 1 seedware (see also 7,9, 15 & 21 etc); 2 tin glazed; 1 pearlware	tin glazed

		foot ring; 28 refined earthenware - 13 plain (3 rim), 4 blue/white transfer print, 3 blue/white sponge dec, 3 with abraded glaze, 2 with more elaborate sponge dec.	
	clay		
	pipe	1 bowl - milling around rim - late 17th to mid 18th C	
	glass	9 2 clear flat; 2 pale green body/neck (Modern); 5 dark green bottle/vessel	
	cu all	1 coin, 2 pence 1999	
	slag	1 iron smelting	
	shell	1 cockle	
	an		
	bone	2 1 large mammal tooth fragment; 1 burnt large mammal flat bone with butchery cut	
	plastic	2 1 carton; 1 golf ball	
16	stone	1 schist	
	slate	4 grey - 2 Ballachulish 1 sandyware with quartz incl; 1 stoneware body; 6 refined earthenware - 3	
	pottery	8 blue/white transfer print - all abraded	?med sandyware
	glass	12 4 clear flat; 2 clear vessel; 6 dark green bottle/vessel - 1 neck/rim Modern	
	an		
	bone	1 cow tooth	
17	slate	4 grey - 1 Ballachulish	
	coal	1	
	pottery	16 1 stoneware body; 1 redware with brown glaze; 14 refined earthenware - 1 willow pattern, 1 striped blue/beige/mocha/white; 12 plain	
	glass	9 6 clear - 2 flat, rest vessel; 3 green - 1 darker, 2 paler vessel/bottle	
	an		
	bone	1 cow tooth - broken molar	
	plastic	1 car light?	
18	slate	2 grey - 1 Ballachulish	
	coal	1	
	pottery	17 2 redwares - 1 dark brown glazed both sides, 1 dark brown/mottled yellow external glaze; 2 white fabric with brown glaze; 13 refined earthenware - 11 plain, 2 blue/white transfer	
	glass	7 3 clear flat; 2 clear vessel; 2 green vessele	
	an		
	bone	1 small burnt fragment	

19	stone slate	1 1	quartzite pebble heavily burnt	
	pottery	14	1 redware with dark brown glaze; 2 stoneware; 11 refined earthenware - 5 plain, 3 blue/white transfer, 2 with traces glaze; 1 orange/green leaf sponge dec	
	glass	9	3 clear - 2 flat, 1 vessel; 6 dark green bottle/vessel	
20	not used			
21	stone coal	1 1	schist	
	pottery	31	3 stoneware - 1 heavily overfired jar, 1 rim, 1 seedware; 1 porcelain foot ring; 4 redwares with yellow slipped glaze (thick walled); 23 refined earthenware - 19 plain (3 rim, 1 handle) 4 blue/white transfer print; 5 with other coloured dec	seedware - see other contexts
	glass an bone	5 5	dark green bottle/vessel 3 cattle teeth; 1 small undiagnostic burnt; 1 large mammal metapodial, broken	
22	slate coal	5 3	3 grey; 2 burnt	1 poss roof tile - hole
	pottery	16	1 sandyware cooking pot ( outside burnt with residue) 2 stoneware - 1 shoulder; 1 seedware; 1 redware with dark brown glaze; 1 creamware with dark brown glaze; 1 fine redware with green glaze - Med/Pmed; 10 refined earthenware - 7 plain (1 rim, 1 pearlware), 3 blue/white transfer	2 interesting - Med - late Med
	glass an bone	5	2 clear flat; 2 dark green bottle; 1 brown/ white with traces of stamp 2 cattle teeth; 2 sheep teeth; 2 large mammal long bone shafts - 1 with butchery cuts;	
	plastic	1	1 large mammal long bone, broken end lino	
23	slate coal	10 7	7 grey - 2 Ballachulish (1 poss peg hole); 3 burnt	
	pottery	25	3 redwares with black glaze (diff vessels); 1 seedware (see other contexts); 3 redwares with yellow slipped glaze (diff vessels); 19 refined earthenware - 14 plain (1 rim, 2 poss pearlware), 2 blue/white transfer, 1 green/blue, 1 striated black, 1 head/shoulders	

			of girl		
	glass	19	6 clear - 2 vessel, rest flat (2 with rolled edges); 1 flat green with rolled edge; 11 dark green bottle - 2 base (1 with pontil mark, shallow dated 19thC), 1 neck/rim dated post 1814; 1 wine glass stem with white spiral decoration within stem		
	iron an bone	1 2	nail pig jawbone, abraded		
24	stone slate coal	1 14 8	quartz crystal 11 grey - 4 Ballachulish; 3 burnt		
	pottery	17	1 redware with yellow slipped glaze; 16 refined earthenware - 11 plain (1 cup handle, 3 plate rims, 1 pearlware) 4 blue/white transfer (3 rims); 1 spongeware - all very abraded		
	ceramic glass iron clinker an bone plastic	1 10 1 1 6 1	1 fragment of what appears to be part of metal working mould 5 clear - 3 flat, 2 vessel; 4 dark green bottle; 1 heavily burnt/fused grey fragment rectangular object 2 sheep teeth, 4 burnt undiagnostic rope		metal working evidence?
25	slate coal	7 15	3 grey - 2 Ballachulish; 4 burnt		
	pottery	29	1 stoneware; 1 redware with mottled slipped yellow/brown glaze; 6 redwares with black glaze; 17 refined earthenware - 11 plain (2 rim, 1 pearlware), 3 blue/white transfer (2 rim) 2 brown glazed, 1 striped blue/brown/white bands rim; 2 fine sandywares - 1 plain, 1 heavily eroded with slipped glaze inside; 1 coarse sandyware with quartz & organic tempering; 1 abraded green glazed sandyware		4 ? Med - late Med
	glass	13	6 clear - 4 flat, 2 vessel; 4 dark green bottle/vessel - 1 base poss mid/late 18thC; 1 brown; 1 bright blue; 1 heavily burnt/fused		see also 24 - metal working?
	slag shell an	3 2 5	1 slag (white furnace material with molten slag deposit adhering to outside); 2 clinker undiagnostic 4 broken teeth (2 sheep/2 cattle); 1 broken bird (chicken) coracoid (proximal end)		



	bone plastic	1	melted	
26	slate	5	2 grey Ballachulish, 1 poss peg hole; 3 burnt	
	pottery	39	1 stoneware jar base; 3 redwares with slipped yellow glaze; 2 highly fired (porcelain); 1 unglazed sandyware - Modern flower pot type; 31 refined earthenware - 20 plain, (2 plate rims, 3 pearlware), 8 blue/white (5 transfer, 1 sponge, 1 ?? Tin glazed), 1 green glazed, 1 brown, 1 grey scene; 1 sandyware, reduced in firing, abraded	?Late Med
	CBM glass	1	coarse water pipe/sanitary ware	
		3	dark green bottle - neck dated 19th/20thC	
27	stone	1	quartzite	
	slate	6	2 grey; 4 burnt	
	coal	5		
	pottery	65	4 redwares with slipped yellow/brown glaze (2 rim fit together); 1 redware with abraded slipped prob yellow/brown glaze; 1 redwares with abraded brown glaze; 2 stoneware with abraded yellowy brown glaze; 1 completely abraded stoneware with no external surfaces; 1 stoneware body; 1 seedware (see other contexts); 1 fine redware flower pot type; 1 porcelain type; 50 refined earthenware - 28 plain ( 1 teapot spout, 7 rim, 4 pearlware); 12 blue/white transfer (6 rim); 2 dendritic dec; 8 other coloured dec including spongeware and more decorative scenes; 1 abraded sandyware, damaged with decayed glaze - poss burnt; 1 highly vitrified rim fragment - possibly furnace material/ crucible	evidence of metal working
	clay pipe	3	2 stems ( 1 mouthpiece and burnt, other with heel); 1 bowl with part of currently indecipherable stamp)	
	glass shell	11	1 flat clear; 1 pale green; 9 dark green bottle - inclcu base/neck dated 19thC	
	an	3	1 cockle, 1 winkle, 1 undiagnostic	
	bone	5	3 cattle teeth; 1 sheep tooth; 1 large mammal long bone shaft - radius size	
	plastic	1	golf ball	
28	slate	10	grey - 4 Ballachulish; 2 burnt	

	coal	27	1 small burnt grog tempered, abraded; 1 fine redware (reduced fabric) with organic temper	? Both Med/ other interesting
	pottery	22	3 fine red sandywares with eroded glazes - 2 maybe same vessel; 2 buff fabric - green glazed (Tudor glaze?), 1 yellow/green glaze - both High-late Med; 15 refined earthenware- 9 plain (1 rim), 5 blue/white transfer, 1 banded yellow/white/brown/blue; 1 seedware (see other contexts0	sherds
	ceramic		1 possible daub	
	glass	16	1 dark blue flat; 6 clear flat (1 rim); 3 clear bottle/vessel incl part of base; 4 dark green bottle/vessel; 1 clear vessel (drinking glass) frag with open rim; 1 wine glass stem with white spiral internal decoration - see also 23	
	slag	2	1 iron slag; 1 clinker	
	shell	2	mussel	
	an			
	bone	1	cow tooth	
29	slate	5	grey - 2 Ballachulish	
	coal	8		
	pottery	66	1 fine sandyware with reduced fabric, all outer surfaces abraded - Late Med; 3 glazed redwares (1 handle with dark brown glaze, 1 yellow internal & green external glaze, 1 rim with internal yellow glaze); 1 buff & 1 pinky fabric with dark brown glaze both sides; 2 highly fired whitewares; 40 refined earthenware all plain - 36 body (several badly abraded by ploughing with no external surfaces remaining), 4 rim, 3 pearlware, 1 decorated frag of a colander with one remaining hole; 18 decorated refined earthenware - 15 blue/white mostly transfer print, 1 green, 1 yellow & 1 red lines	1 late med
	clay			
	pipe	1	bowl - quite small so probably earlier in date (late17th/early18th), abraded	
	glass	16	2 blue - 1 pale squarish bottle, 1 dark bottle/vessel; 5 dark green bottle/vessel incl base (flattish kick); 1 brown vessel; 8 clear - 4 flat (1 edge), 4 vessel	
	shell	1	small undiagnostic	

	an			
	bone	4	3 cattle teeth; 1 cow tibia, proximal end very abraded	
	modern	2	1 burnt plastic; 1 card fragment	
30	stone	1	grey limestone	
	slate	13	11 grey - 2 Ballachulish (1 with attachment hole); 2 burnt	peg hole
	coal	2		
	pottery	41	1 fine sandyware with abraded green glaze - late Med; 3 stoneware; 1 unglazed red sandyware (Early Mod); 3 glazed redwares - 1 dark brown, 2 yellow/brown slipped glaze (diff vessels); 1 buff fabric with brown glaze (handle); 32 refined earthenware - 1 plain pearlware, 18 plain creamware (4 rim), 1 plain with highly decorative embossed design (plate), 12 with coloured glaze - 7 blue/white transfer print (1 rim), 1 brown, 1 purple, 1 bluey purple, 1 green rim, 1 grey; 1 tin glazed (maiolica) type with abraded glaze (18thC onwards)	2 interesting frags
	glass	11	1 blue; 1 opaque white; 4 clear - 2 flat, 2 vessel; 5 dark green bottle/vessel incl 1 broken rim and base	
	shell	3	cockle, abraded	
	an			
	bone	9	2 pig humerii both from young animals; 5 sheep teeth frags (with bluey staining); 2 cattle teeth - 1 show heavy wear indicating an older animal	
	modern	1	1 plastic clip/ 1 paper fragment	
31	stone	2	1 abraded chalk; 1 sandstone	
	slate	6	grey - 2 Ballachulish; 1 burnt	
	coal	1		
	flint	1	small white fragment - burnt	
	pottery	43	1 coarse sandyware with green glaze, partly reduced fabric (maybe thickening for handle); 5 stoneware (1 ink bottle); 2 highly fired whitewares (1 rim, 1 cup with handle); 3 glazed redwares with yellow slipped glaze (2 rims); 32 refined earthenware - 1 pearlware handle, 21 plain (many very abraded); 10 coloured glaze - 6 blue/white, 2 purple (1 shows animal); 1 red lined rim, 1 yellow	late med

	glass	8	4 clear - 2 flat, 1 vessel, 1 mod toughened (windscreen); 3 dark green vessel	
	shell	2	1 cockle; 1 very abraded large bivalve	
	an			
	bone	1	cow tooth	
	plastic	1	fitting	
32	slate	24	21 grey - 4 Ballachulish (1 with iron pyrites uncorroded and still shiny yellow); 3 burnt	
	coal	14		
	flint	1	? Burnt	
	pottery	63	1 stoneware; 2 tin glazed (maiolica), abraded glaze; 3 redwares - 1 dark brown, 2 yellow slipped (1 rim); 57 refined earthenware - 2 pearlware, 36 plain (7 rim), 18 coloured glaze - 9 blue/white, 1 purple, 1 yellow, 5 brown incl 1 with complicated tree design, 2 grey; 1 highly fired whiteware blue/white glazed base	tin glazed can be 18thC
	glass	30	1 opaque white; 13 clear - 11 flat, 1 small bottle just missing neck, 1 vessel with folded open rim; 2 pale green - 1 flat, 1 vessel; 14 dark green bottle body/base	
	cu all	1	button with loop attachment - plain flat disc	18th/19thC
	slag	1	iron	
	shell	1	cockle	
	an			
	bone	1	cow tooth fragment	
33	stone	1	schist	
	slate	23	grey - 1 with cut edge, 6 Ballachulish, 3 burnt (1 very thick - 16 mm)	worked?
	coal	25		
	pottery	42	1 black basalt ware - part of lid? (18thC onwards); 1 coarse & 2 fine sandywares - 1 glazed; 3 redwares with dark brown glaze (1 handle); 1 buffware with dark brown glaze; 34 refined earthenware - 17 plain (2 rim), 17 coloured glaze - 11 blue/white transfer (4 rim), 3 grey/black (1 rim), 1 blue/pink/black rim, 1 yellow with brown line, 1 purple	4 interesting fragments
	CBM	1	fine fabric, abraded, possibility maybe daub?	
	glass	21	1 blue, 1 brown, 8 clear - 1 base of large bottle, 3 other vessel, 4 flat; 11 dark green vessel/bottle	
	slag	1	iron	
	an	1	large mammal long bone shaft sawn at both ends (cow sized)	

	bone			
	plastic	1	golf ball	
34	slate	30	24 grey - 1 very thick at 40mm; 5 burnt; 1 worked - curved with a ridge one side and a groove following the edge on the other side. There is a scored line running diagonally from the groove	worked object?
	coal	78		
	chert	1	debitage	worked
	mortar	2	white with quartz matrix with clay (cbm) inclusions	
	pottery	33	3 glazed redwares - 1 brown glazed both sides, 2 green glazed both abraded; 1 unglazed fine redware rim sherd; 1 organic tempered with quartz inclusions with 1 impressed line decoration - Med; 1 stoneware; 1 highly fired whiteware (porcelain); 26 refined earthenware- 21 plain, 5 coloured glazed - 4 blue/white (1 cup handle/1 plate rim), 1 green/white	2 Med
	CBM	1	sanitary ware pipe - buff fabric with brown glaze	
	glass	13	5 clear - 3 flat, 2 vessel (1 base of square bottle); 1 opaque vessel; 1 blue opaque vessel; 6 dark green bottle	
	iron	1	nail	
	clinker	6		
	shell	1	land snail	
	an		Sheep sized - 1 rib, 2 long bones fragments & 1 abraded long bone/ankle	
	bone	7	fragment; 2 sheep teeth; 1 misc fragment	
	plastic	3	2 white cone fragments, fit together (market debris); 1 misc	
35	slate	12	grey - 2 Ballachulish, 4 burnt, 1 possibly worked	worked - check
	coal	12		
	flint	1	white tertiary flake - scraper with signs of retouch	worked flint scraper
	pottery	57	2 highly fired whitewares (1 rim); 4 glazed redwares - 2 dark brown, 2 yellow slipped (1 a large vessel); 50 refined earthenware - 34 plain (1 rim/1 handle), 16 coloured glazed - 10 blue/white (4 rim, 1 pearlware bowl or cup), 3 brown, 1 grey, 2 pink; 1 stoneware	
	glass	16	5 clear - 4 flat, 1 vessel; 10 dark green bottle/vessel incl wine bottle rim dated 20thC; 1 decorated red/clear vessel body sherd	interesting glass fragment
	an	2	1 sheep tooth; 1 cow long bone shaft, sawn	

	bone				
36	stone	1	grey limestone		
	slate	11	grey, 3 burnt		
	coal	17			
	flint	1	red fragment - tertiary flake, probable scraper		worked flint scraper
			3 fine sandywares - 2 unglazed (1 with reduced fabric), 1 green glazed - late Med;		
	pottery	37	1 highly fired whiteware (porcelain) with green/pink glaze; 3 stoneware - 1 the seedware (see other contexts); 3 redwares - 2 with yellow slipped glaze, 1 brown; 27 refined earthenware - 21 plain (2 rim), 6 coloured glaze - 5 blue/white (2 rim), 1 purple		
	CBM	1	sanitary ware pipe with buff fabric and both internal and external brown glaze		
	glass	14	8 clear - 2 flat, 6 vessel; 6 dark green bottle/vessel incl base		
	clinker	4			
	an				
	bone	1	small misc fragment		
37	stone	1	grey limestone		
	slate	16	grey - 4 Ballachulish, 3 burnt		
	coal	29			
			1 redware with yellow slipped glaze; 1 redware with dark brown glaze (teapot lid knob); 2 small stoneware; 1 highly fired whiteware (porcelain) patterned (green/red leaves); 20 refined earthenware - 12 plain (1 rim, all tiny fragments), 8 coloured glazed - 5 blue/white (2 rim/1 pearlware), 1 brown rim, 1 pinky red, 1 grey		
	pottery	25	1 pale green vessel; 1 pale purple vessel; 7 clear - 3 flat, 4 vessel; 4 dark green		
			bottle		
	glass	13	broken button - plain round, flat with corner sheared off (prob plough), no		
	cu all	1	attachment loop		18th/19thC
	clinker	1			
	an				
	bone	3	1 sheep tooth; 2 burnt misc		
			2 opaque white plastic cone - 1 complete, 1 fragment (market debris); 1 paper fragment		
	modern	3			
38	stone	4	1 granite, 1 schist, 2 limestone - 1 burnt with small shells, 1 very fine grained		
	slate	9	grey - 2 Ballachulish, 5 burnt		
	coal	16			

	flint	1	secondary flake with patination & iron concretions adhering	worked flint
	pottery	35	1 coarse sandyware (quartz incl) with indented decoration; 1 sandyware with reduced fabric appears to have sooting internally - both Med 1 redware with black glaze; 3 stoneware; 29 refined earthenware - 20 plain ( 2 pearlware -1 a rim, 1 base, 1 other rim and 1 with concretions and burnt), 9 coloured glaze - 5 blue/white (2 rim), 1 green/black, 1 pink, 1 grey	2 med
	CBM	1	brick	
	glass	11	1 opaque blue and 1 opaque green vessel; 1 brown bottle; 1 pale blue vessel; 2 clear vessel- 1 facetted glass/bowl fragment with decorated edging; 5 clear/pale green - 4 flat, 1 bottle base	
	an bone modern	2 1	1 sheep tooth; 1 cow sized large mammal long bone shaft, abraded paper	
39	stone slate coal flint	3 11 19	2 quartzite; 1 schist grey - 4 Ballachulish, 1 heavily burnt	
	pottery	1 32	primary flake 1 redware rim with yellow slipped glaze; 4 stoneware (1 large vessel); 3 highly fired whitewares (porcelain); 24 refined earthenware - 16 plain (2 pearlware, 1 handle, 2 rim), 8 coloured glazed - 5 blue/white (2 rim), 1 yellowy brown, 2 dark brown	worked flint
	clay pipe	1	stem - burnt one end, diameter 8mm 1 pale blue opaque; 1 brown bottle; 7 dark green bottle/vessel incl 1 base; 3 lighter green	
	glass	17	vessel/bottle; 5 clear all vessel incl 1 bottle base and 1 drinking glass rim	
	iron clinker	2 3	1 cast iron plate; 1 nail 2 clinker fragments, 1 burnt material - plastic like	Early Modern/Modern
	an bone plastic	3 2	1 cow sized rib, sawn one end; 2 cattle teeth 1 animal label (market debris); 1 plastic string	
40	stone slate flint	2 3 1	limestone, burnt 2 grey Ballachulish; 1 burnt debitage, pink patination	worked flint

	pottery	49	2 stoneware (1 brown, 1 white); 8 highly fired (porcelain) whitewares (5 rims so range of vessels); 39 refined earthenware - 29 plain (3 pearlware, 4 rim, 1 handle), 10 coloured glaze- 3 blue/white, 1 brown, 2 pink, 4 green (3 rim)
	glass	7	1 opaque blue (fluted rim); 1 dark green bottle/vessel; 5 clear - 1 complete Modern bottle, 3 flat and 1 decorated (engraved with leaf pattern) drinking glass/vessel
	an bone	3	1 pig jawbone - very young animal, not fused at centre; 2 cattle teeth
	plastic	1	opaque white cone (market debris)
41	pottery	41	1 glazed sandyware with abraded glaze (Post Med); 1 stoneware jar base; 4 redwares- 1 more modern unglazed rim, 1 black glaze, 2 with yellow slipped; 1 highly fired whiteware (porcelain); 34 refined earthenware - 19 plain (2 rim); 15 coloured glaze - 10 blue/white (1 rim), 1 green rim, 1 brown rim, 2 green/red (1 rim)
	CBM	3	1 roof tile; 1 water pipe; 1 burnt misc
	glass		1 bright blue vessel; 1 clear vessel with embossed 'X'; 3 dark green bottle incl 1 thick wine bottle base
	an bone	4	1 cow tooth; 1 sheep tooth; 1 large mammal long bone shaft; 1 broken pelvis - large mammal possibly pig
	plastic	1	opaque white cone (market debris)