OXFORD ARCHAEOLOGY, JANUS HOUSE, OSNEY MEAD, OXFORD, OX2 0ES

PDF/A SCAN

FILMING INSTRUCTIONS
Submitter OASouth
No. of copies: 2

Headings
Site information
Line 1: [OA South] County[Northamptonshire] Parish:[Harpole, Kislingbury & Upper Heyford] Site[M1 D Way] Site code[M1D 17]
Line 2: Excavators name[S Lawrence]
Line 3:

Classification of material	Tick if present
Index to archive	
Introduction	
A:Final Report	
A:Publication Report	
B:Site Data – Text: Diary/Daybook/Fieldnotes	
B: Site Data – Text: General Summaries	
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C: Finds Data – Text: Primary Finds Data	
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C: Finds Data – Text: Specialist Reports	
C: Finds Data – Text: Box/Bag List	
D: Catalogue of Photos/Slides/Videos/X--rays	✓
E: Environmental/Ecofact Data: Primary Records	
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H: Miscellaneous	

"NOW BEING PROCESSED ON-SITE"

oxfordarchaeology

Photogrammetry Photo Register

Register No:

Date: 26 + 28/02/18.

Photographer: AF/VG | Site Code: MID17 | Surveyed? (Yes) / No | Surveyor: AF-VG

Job No	Camera / Prefix	Image Number	Notes (Specific contexts, weather conditions etc.)
	3		
26/B	1189 TO 1243		MILL STONE IN CORN DRYER
26/A	1244 TO 1270		WALL
28/A	1271 TO 1390		DRYER AND "SMOKE HOUSE"
28/B	1391 TO 1401		STONE FLOOR IN PIT.
			ALL SHOTS IN SNOWY, ICEY CONDITIONS

For office use only:

All processed? ☐ | Image Location(s) >

Processed by: | Date:

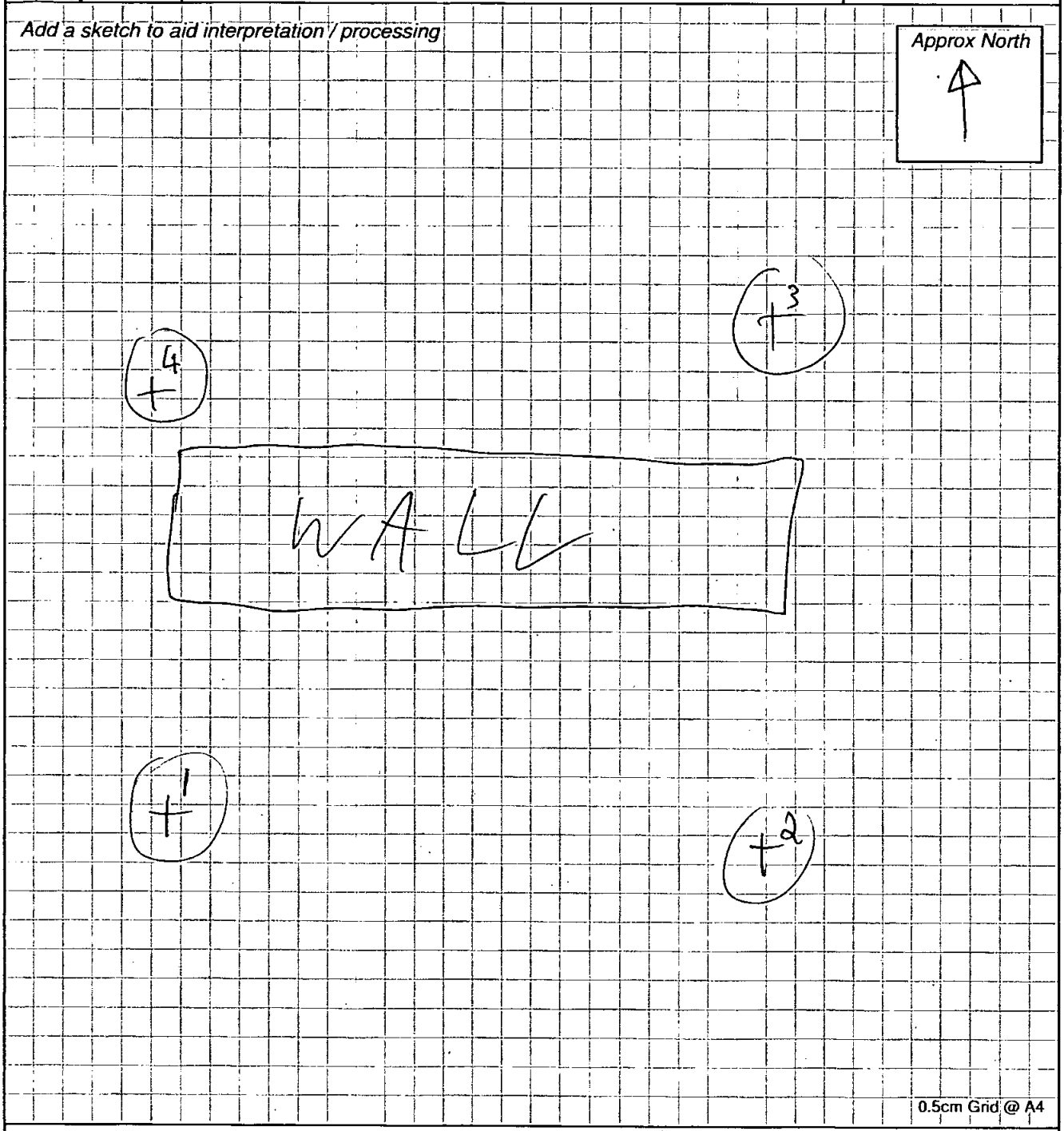
PHOTOGRAMMETRY JOB SHEET

oxfordarchaeology

Job No: 26-02-18A

Photographer: VG	Site Code: M1D17	Site Name: M1 TOKYO DRIFT
Polecam / Camera No: 3	Purpose of Job:	
Date: 26-02-18	Contexts / Groups:	On Plan:

Add a sketch to aid interpretation / processing



0.5cm Grid @ A4

Tag numbers (especially if not on sketch): 1–4

Further notes: PHOTO'S + .CSV ON PROJECTS FOLDER

Photogrammetry Photo Register Number(s): 1244 – 1270

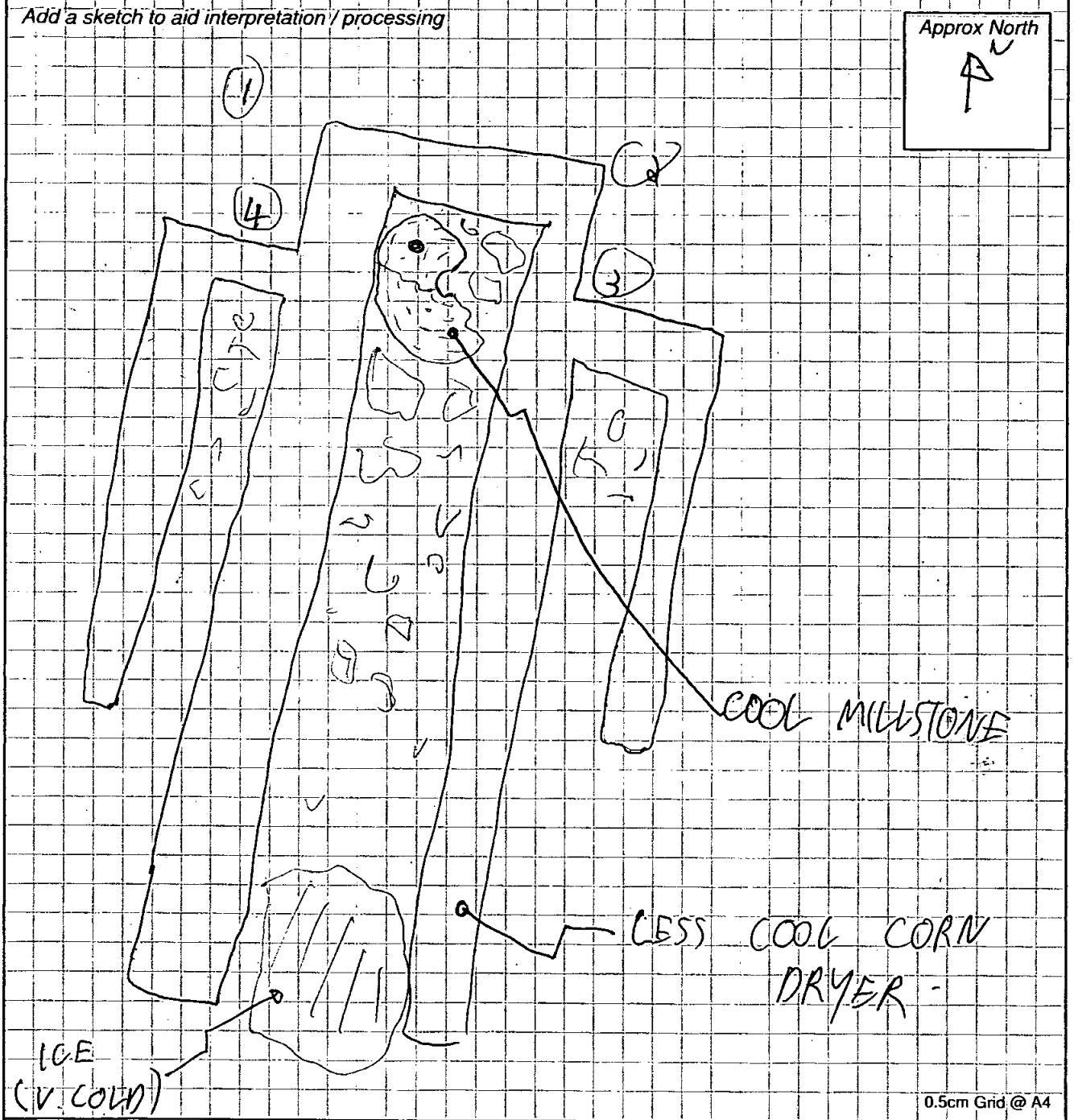
PHOTOGRAMMETRY JOB SHEET

oxfordarchaeology

Job No: 26-02-18 B

Photographer: VG	Site Code: M1D17	Site Name: M1 DRIFTWAY
Polecam / Camera No: 3	Purpose of Job:	
Date: 26-02-18	Contexts / Groups:	On Plan:

Add a sketch to aid interpretation / processing



Tag numbers (especially if not on sketch): 1 – 4

Further notes: PHOTO'S + .CSV ON PROJECTS FOLDER

Photogrammetry Photo Register Number(s): 1189 – 1243

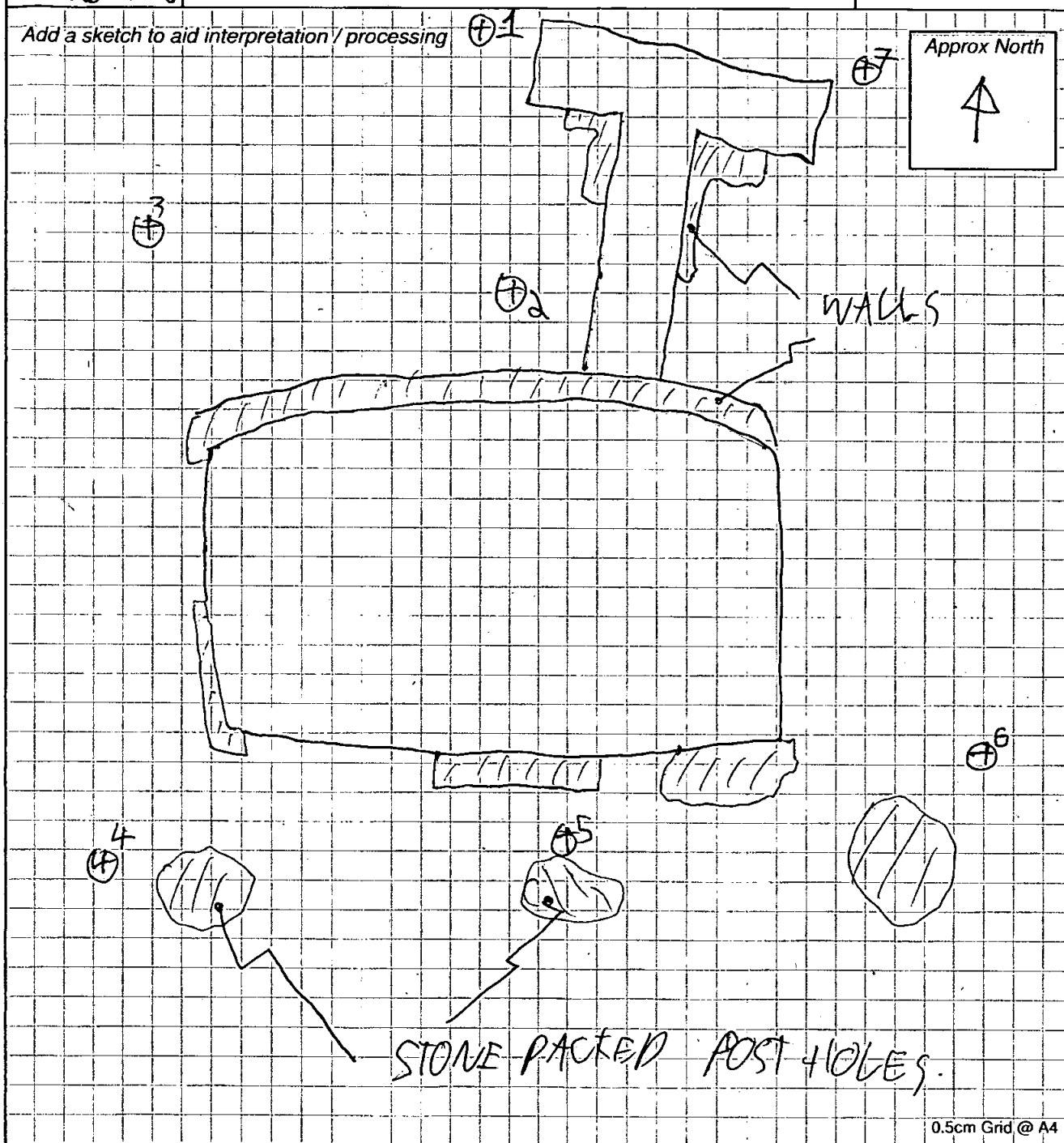
PHOTOGRAMMETRY JOB SHEET

oxfordarchaeology

Job No: 2018-02 - 28A

Photographer: AF	Site Code: MID17	Site Name: M1 DRIFTWAY
Polecam / Camera No: 3	Purpose of Job:	
Date: 28-02-18	Contexts / Groups:	On Plan:

Add a sketch to aid interpretation / processing



Tag numbers (especially if not on sketch): 1 – 7

Further notes: PHOTOS + .CSV ON PROJECTS FOLDER

Photogrammetry Photo Register Number(s): 1271 – 1390

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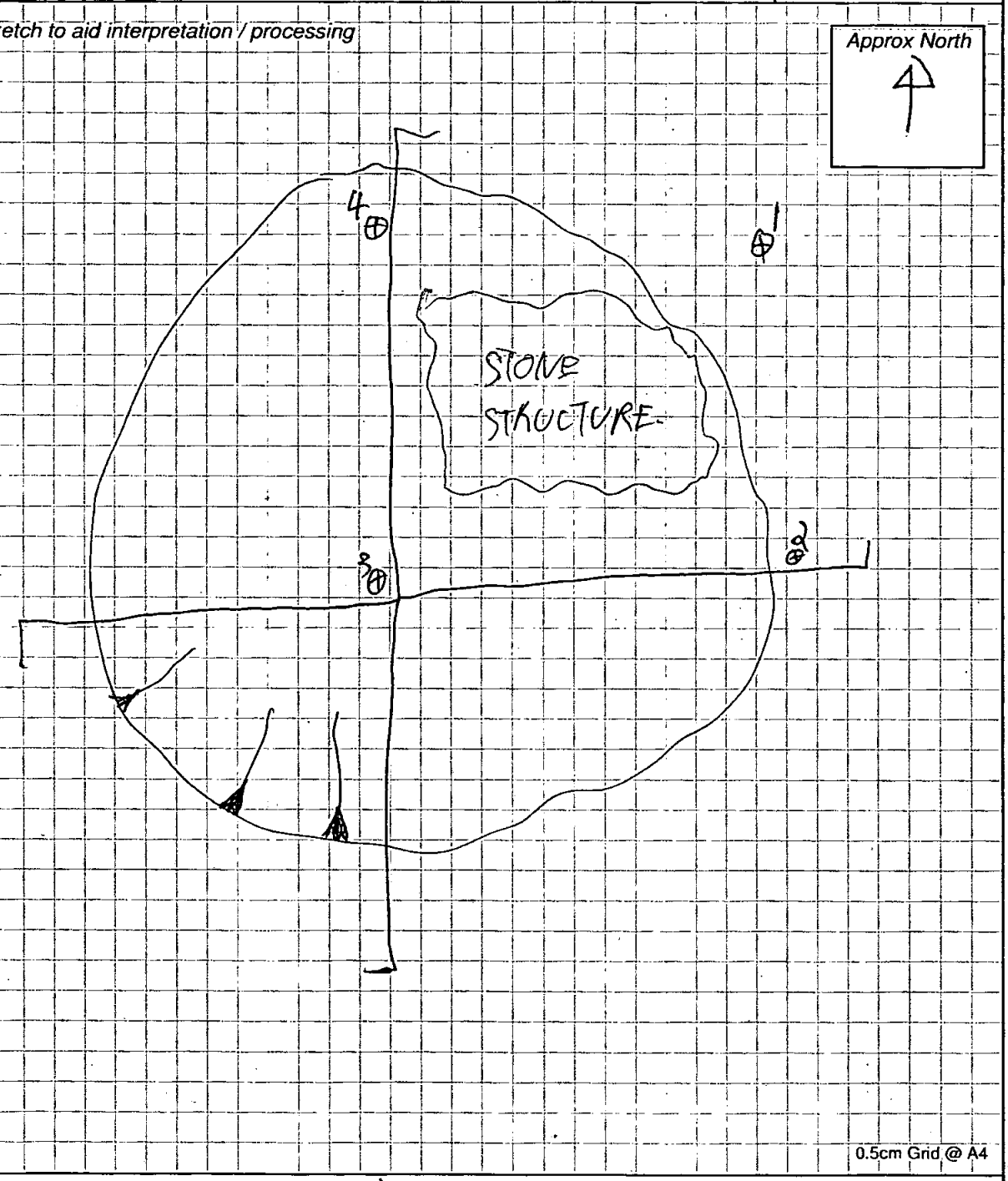
PHOTOGRAMMETRY JOB SHEET

Job No: 2018-02 28 B

Photographer: VG	Site Code:	Site Name:
Polecam / Camera No: 3	Purpose of Job:	
Date: 28-02-18	Contexts / Groups:	On Plan:

Add a sketch to aid interpretation / processing



0.5cm Grid @ A4

Tag numbers (especially if not on sketch): 1–4

Further notes: PHOTOS + .CSV ON PROJECT FOLDER.

Photogrammetry Photo Register Number(s): 1391 – 1401

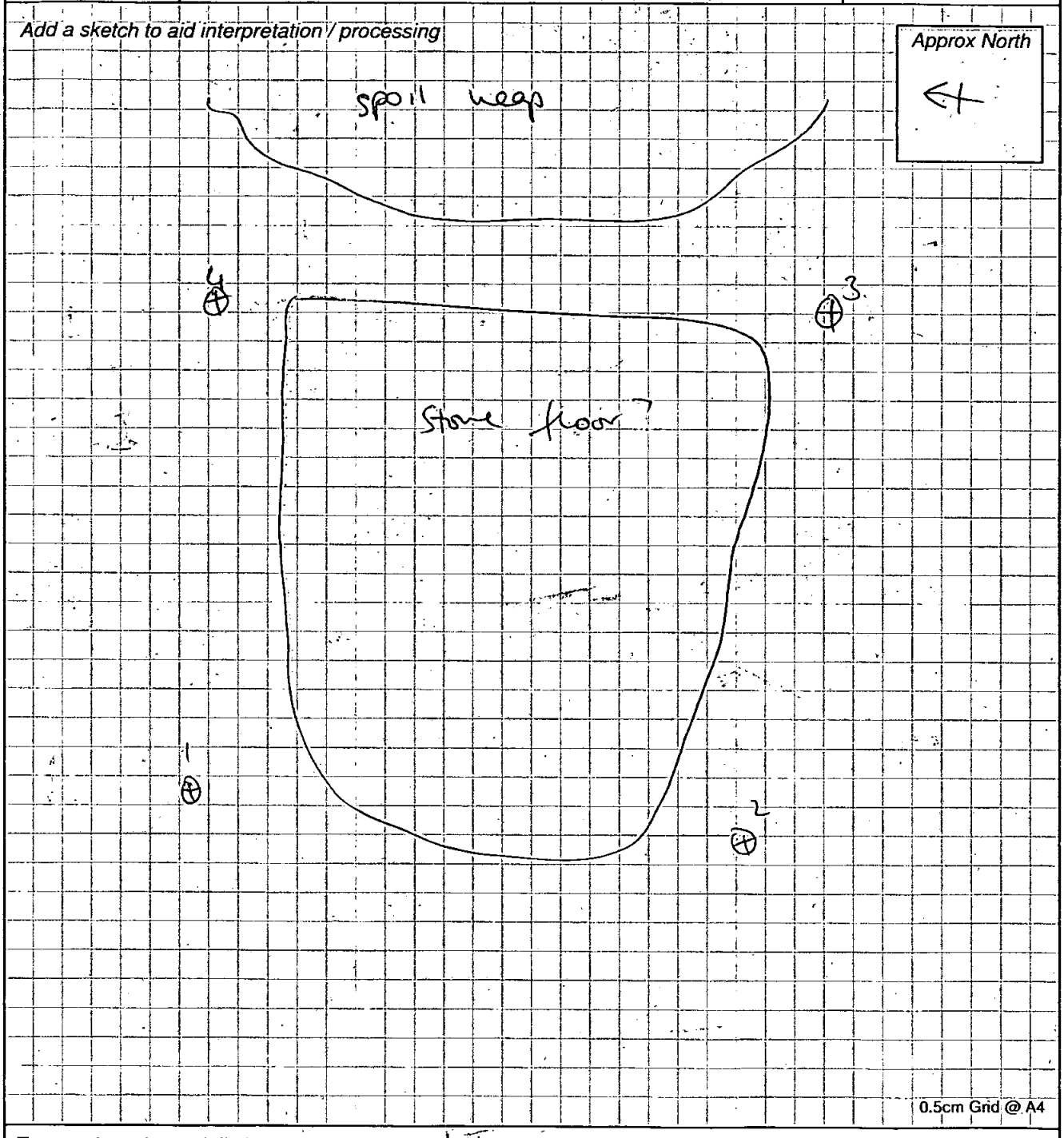
PHOTOGRAMMETRY JOB SHEET

oxfordarchaeology

Job No: 07.03.2018

Photographer: JM / AF	Site Code: M1017	Site Name: M1017 M1 DRIFTWAY	
Polecam / Camera No: 3	Purpose of Job:		
Date: 07.03.18	Contexts / Groups:	On Plan:	

Add a sketch to aid interpretation / processing



Tag numbers (especially if not on sketch): 1–4

Further notes: csv and photos already in project folder

Photogrammetry Photo Register Number(s): 1402 – 1448

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Photogrammetry Photo Register

Register No: 070318

Date: 15

Photographer: AF JM | Site Code: MIDI7 | Surveyed? Yes / No | Surveyor: VG

Job No	Camera / Prefix	Image Number	Notes (Specific contexts, weather conditions etc.)
070318	POLL 3	1402	STONE FLOOR
		-1448	

For office use only:

All processed? ☐ | Image Location(s) >

Processed by: | Date:

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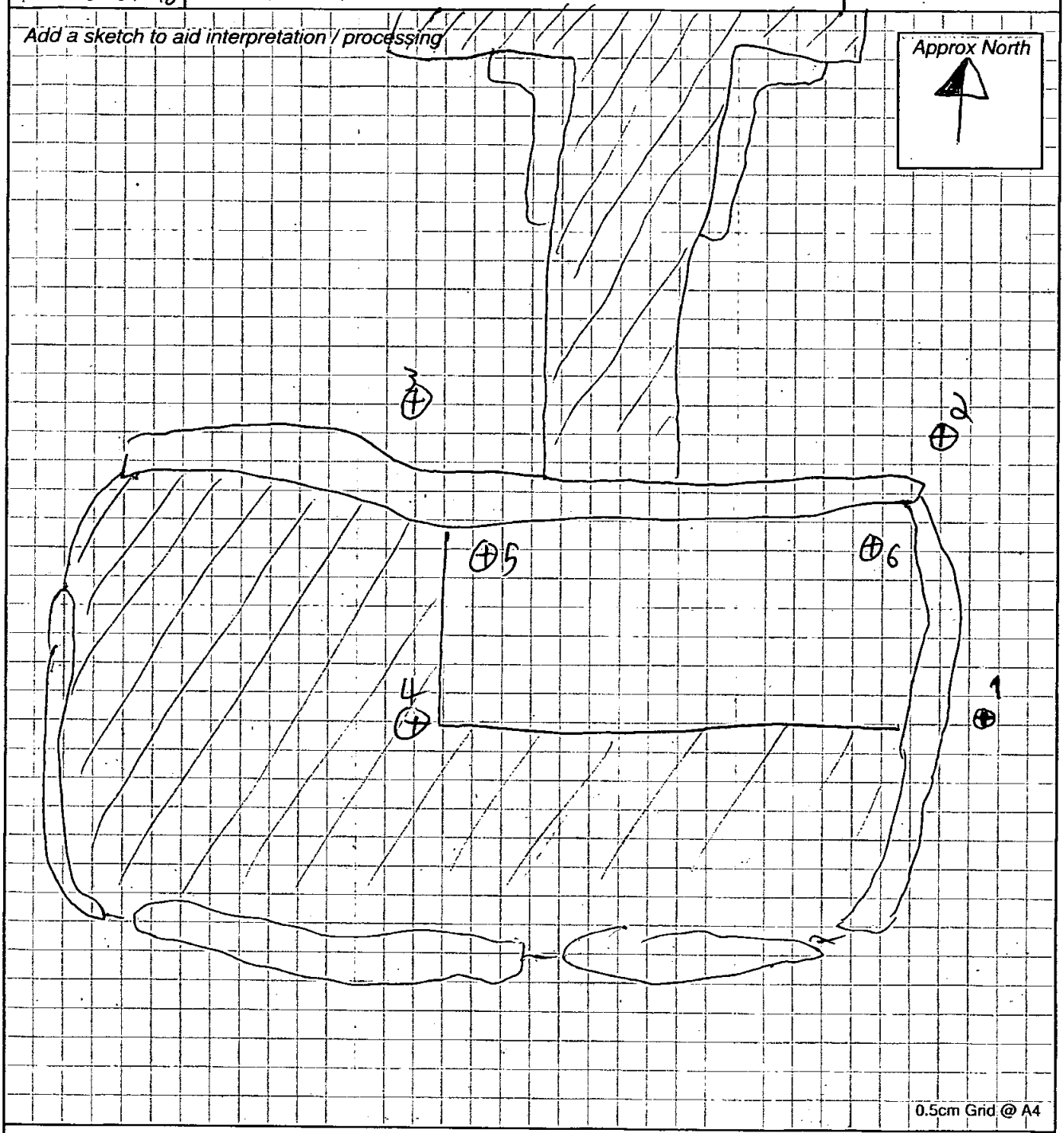
PHOTOGRAMMETRY JOB SHEET

Job No: 09-03-18

Photographer: AF, SB	Site Code: MID17	Site Name: M1 NRIFTWAY
Polecam / Camera No: 3	Purpose of Job: SECTION GENERATION + MODELING	
Date: 09-03-18	Contexts / Groups:	On Plan:

Add a sketch to aid interpretation / processing



Tag numbers (especially if not on sketch): 1-6

Further notes: 1450 - 1668

ON-SITE PROCESSING.

Photogrammetry Photo Register Number(s): 1450 - 1668

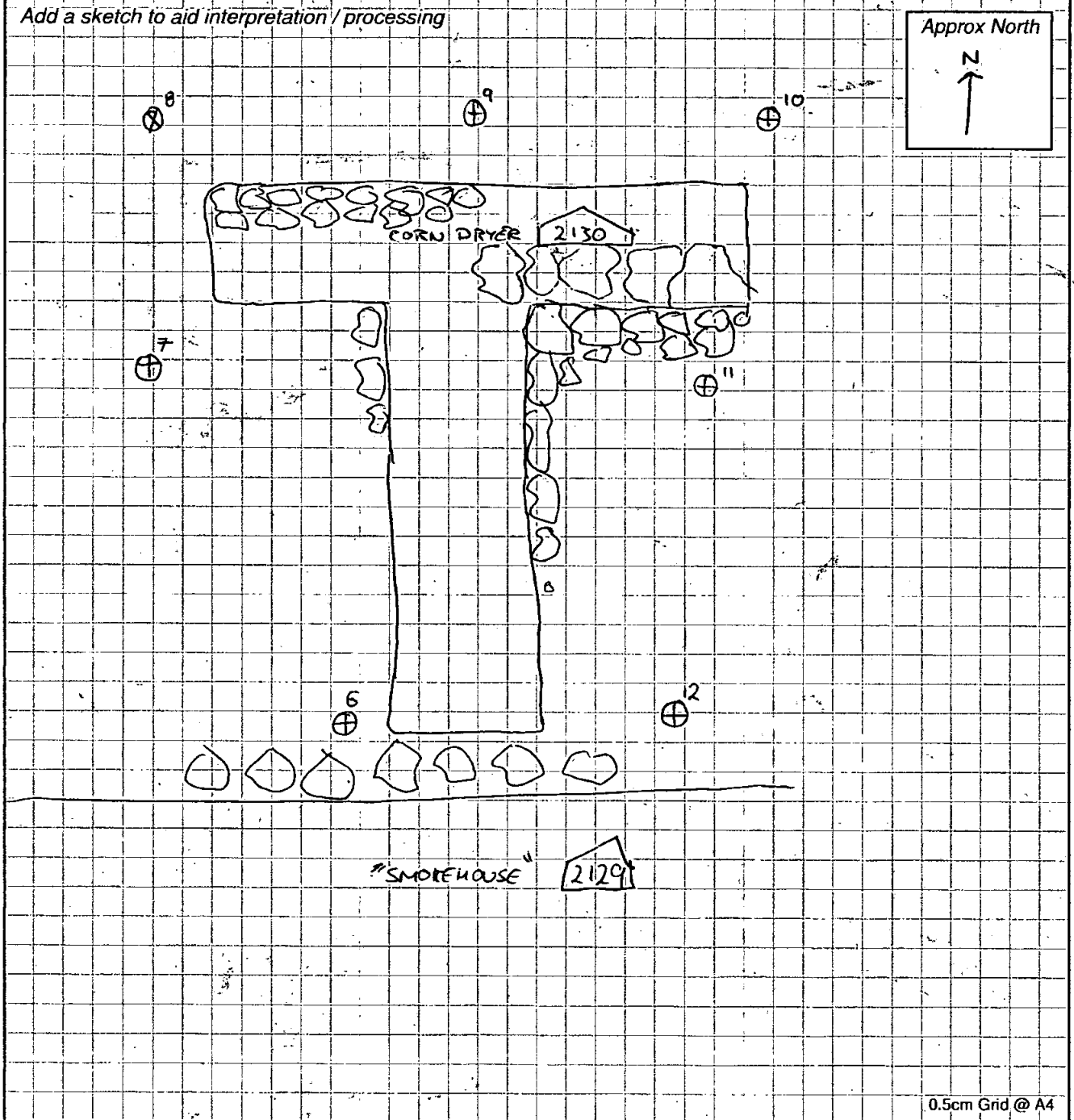
oxfordarchaeology

PHOTOGRAMMETRY JOB SHEET

Job No: 05-04-18

Photographer: SAB/VG	Site Code: M4D-17	Site Name: M4 Junction 16
Polecam / Camera No: 3	Purpose of Job:	
Date: 05-04-18	Contexts / Groups: 2130 2129	On Plan:

Add a sketch to aid interpretation / processing



0.5cm Grid @ A4

Tag numbers (especially if not on sketch): 6-12

Further notes:

Photogrammetry Photo Register Number(s): 1409 - 1499

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D: Catalogue of Photos/Slides/Videos/X--rays	
E: Environmental/Ecofact Data: Primary Records	✓
E: Environmental/Ecofact Data: Synthesised Records	
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M1 junction 16

ENVIRONMENTAL SAMPLING STRATEGY

Rebecca Nicholson, 9th Feb 2018.

Background

The on-going excavations at the M1 junction 16 were visited on 8/2/18. The following topographic and geological background is taken from the WSI (MOLA 2017):

The site is located just to the south of the A4500 which links Northampton to the M1, and the M1 itself to the west and south-west. It is bordered to the south-east by the River Nene, and to the east by a track leading south from the A4500. The site has been under agricultural use. A Roman villa – now under the A4500 to the north of the site – was excavated in the last century although few records survive.

The bedrock geology is recorded as Dyrham Formation siltstone and mudstone, overlain by deposits of alluvium, clay, silt, sand and gravel in association with the River Nene (BGS 2015). The site is situated on sloping land above the Nene between 65m-85m above Ordnance Datum

The soil samples taken during the evaluation generally indicated a moderately good preservation of cereal grains, chaff and weed seeds.

Preservation considerations

A preliminary assessment of the area during this site visit suggests that bone is reasonably well preserved, especially in the lower lying areas close to a spring, and molluscs survival is very patchy: abundant shells were observed in alluvium close to the spring line but were not evident on any other part of the site. Waterlogged preservation may be present along the spring line although no obviously peaty deposits were visible. A uncharred fruitstone was recovered from the pump used to drain the site close to the culverted spring, and since fruit trees are not present in the vicinity of the site this suggests that anaerobically preserved plant remains exist either in the mottled grey alluvial deposits (blacker patches within this may be better preserved material) or in unexcavated deposits along the spring-line. Woody fragments were evident in a slot cut through the alluvium to the south.

ampling:

Area 1 includes features of Iron Age and Roman date. Iron Age. The Iron Age features include enclosure ditches and a series of small hearths or burning – the function of which is unclear. A large rectangular Roman building is also present, but only the stone/cobble walls remain. There do not seem to be any internal post holes or floors. Areas of metalling denote a trackway and possible larger surface which has been truncated. This area is bounded to the east by a fairly steep slope leading down to Area 2 – which has a spring line – partly enclosed by a Roman stone culvert – surrounded by what was clearly a boggy area denoted by a thick deposit of grey alluvium with organic patches overlying sand and gravel. To the west of this boggy area are the stone foundations of a large rectangular building with some internal walls. It has been suggested that this may be a temple based on its location close to the spring. Finds consistent with this interpretation are largely lacking, however (a samian bowl was found). Further south and west a large pit or ditch was excavated in the base of which was an articulated animal. The upper fills are dark and finds-rich and have been sampled.

Further to the south (Areas 3 and 4) are several T-shaped corndriers as well as a small square stone-flagged building of uncertain function and a larger building containing a hearth and dark internal spread as well as a

corndrier located directly adjacent to the wall of the structure (the end of the flue abuts the wall). It has been suggested that this building may be a smokehouse (see MOLA WSI) based on similarities to a building excavated at Pineham, but the relationship between the corndrier and building needs to be resolved. The evaluation of this area (MOLA Trench 57) suggested that the area of burning lay external to the structure and within a nearby pit so the relationship between the layers of burning and the structure also needs to be resolved before sampling.

SAMPLING STRATEGY

Aims and Objectives:

The aims of the investigation will broadly be :
1) To investigate the processes of agricultural intensification and expansion between the middle IA and Roman periods
2) Establishing and defining the extent and kinds of industrial or crop processing activities taking place on site
3) Investigating the relationship between the activities taking place on site and the villa
4) Reconstructing the environment on and immediately surrounding the site.

These aims may be largely achieved by sampling a range of features across the site from each phase for charred plant remains (CPR) from potentially datable fills and surfaces. Corndriers, ovens and burnt spreads are likely to be rich in charred plant remains and/or charcoal and these should be gridded if time permits (eg 50cm grid), or otherwise sampled spatially.

Features

Corndriers - Samples should be taken spatially from the base of the flue, the cross flue and from the stoking chamber. Where collapsed structure is present sample from below the rubble if possible and suitable material exists thicker deposits of charred material overlying the structure are likely to have blown in or have been be dumped in once the feature was no longer used, and may derive from any of the industrial activities nearby.

Use written descriptions in the notes part of the sample register and assign different sample numbers to different parts of the feature and ensure all sample and context numbers appear on the plan – ie flue (sample 1 north end, 2 middle, 3 south end), firing chamber (sample 4), parching/ malting chamber(sample 5), rake-out (sample E).If a rake-out deposit is substantial - consider multiple samples with locator descriptions - upper, middle, lower layers or points of the compass for example.

Charcoal spreads/ Surfaces within the ?smokehouse building.

Should only be sampled once the relationship of the burnt deposit(s)to other features is understood. If discrete spreads rather than mixed backfill take samples spatially, ideally on a grid. Avoid taking samples from deposits likely to be of mixed origin. For dense areas of burning 10L/sample may be sufficient, but if the density of material is unclear then stick to 40L or100% of deposit if less. Don't mix layers in order to increase sample volume.

Sample the hearth as a discrete feature.

For useful analysis of charred grain we need at least 500 identified grains – where grain deposits are rich you may get this number in 1L soil, but usually they are much more thinly distributed.

For the waterlogged spring line area

Take a pollen monolith (or overlapping monolith) through the entire sequence close to the culvert area – ie through the darker patch of silt – to cover the whole alluvial sequence down to and including the top of the gravel beneath. Take the monolith generously – ie leave quite a bit of sediment at the back of the monolith rather than cutting it back to the edge of the drainpipe. This will allow a greater amount of material for subsampling if needed.

For the monolith(s) :Mark with TOP, site code, sample and context nos and depths from top of the sequence and draw context boundaries and the position of any overlaps on. Give each monolith a separate sample number. Photograph the monolith in-situ. Draw the location of the monolith on the section drawing. Include an internal label as well as an external one.

At the side of this take a series of 10L bulk samples for WPR (ie 1 full bucket) – as a minimum from the top, middle and bottom of the alluvium – or 1/context.

Take standard 40L bulk samples (or 100% deposit if less) from any feature fills – including the culvert fill if possible – and one from the grey organic alluvial surface.

Snaily area

From a slot excavated through the alluvium to the south – ie the **"snaily" area** – since this seems likely to be the area where snails preserve best, take a series of 2L (or 2kg) samples at 10cm intervals through the entire sequence – ie down to the gravel. It will be important that the sequence is datable so it will need to cover the same sequence as that close to the culvert.

For the rest of the site

To make sure that the evidence is representative of the whole site samples need to be taken from deposits that are less obviously rich in CPR – including roundhouse gullies and enclosure ditches – but in order to be useful the sampled deposit must be datable, so wherever possible take samples from areas/fills where there is pottery or where deposits can be dated stratigraphically. If sampling pits, sample each main fill not just the one that appears to contain CPR.

Floor surfaces
Take standard 40L samples from any patches that look like occupation deposits

Small hearths/pits
From each primary fill layer take 40L bulk samples where possible.

Larger Pits
Standard 40L samples should be taken from a selection pits that can be securely dated.
Lenses of charred material should be sampled separately as these may represent a discrete dump.

Ditches
Bulk samples (40L) should be taken from a selection of ditch fill sequences, both close to and distant from the main industrial area, to represent each zone and phase of activity on the site. Ideally, bulk samples should be

taken where clear concentrations of charred remains or domestic rubbish are seen as it will be important that the samples can be dated. Ditch terminals often contain the greatest concentrations of rubbish.

Post-holes
Sample a selection of post-holes targeting any that relate to structures and/or have evidence of charred material within the fill. Sample post-pipes separately from fills.

RECORDING SAMPLE LOCATIONS

It is important that we have a record of sample locations, particularly for samples taken spatially within a structure or spread. If possible, survey in the sample locations from points placed at the approx mid point for each and identified by sample number. Otherwise, note sample locations on the plan.

ADDED VALUE

Currently Lisa Lodwick (University of Oxford) is undertaking research into changes in cultivation practices and the intensification of farming between the IA and Roman periods through isotope analysis of charred cereals. The M1 project has the potential to provide samples useful for this kind of study, but to do this would require fairly substantial archaeobotanical assemblages (>10 fairly rich samples per phase). We should therore be aiming for at least 10 decent archaeobotanical samples from the Roman phases (shouldn't be difficult, but preferably not all from corndriers and 10 from IA phases (may be more difficult?).

And – FYI

TAKING SNAIL SAMPLES

- Begin the sequence from the top of the first deposit in the feature, not from the top of the feature if this is not waterlogged. If you are unsure whether a deposit is waterlogged, then assume that it is and begin the sequence from there.
- Take 2 litres (a single full Finds Bag - largest size) of soil every 10cm (this is standard but varies according to how quickly the deposits accumulated – if in doubt consult the enviro team).
- Measure the relative depth of the samples from the ground surface (e.g. 0.3-0.4m).
- Try to lift whole blocks of earth for the sample, as this prevents the break-up of shells.
- Do not mix contexts; avoid taking samples across deposit interfaces.
- Give each incremental sample a **separate sample number**
- Record on the outside of the bag and on a **non-sticky** Finds label inside the bag.
- Site code
- Sample number
- Context No
- Section no. (this ensures that the series samples are kept together)
- Relative depth
- Number of samples in sequence **(ie 3/6)**
- That the sample was taken for Snails
- Record the location of the series via GPS and the position of each sample on the section drawing
- Tick the snail box on the sample register

- Place all of the samples in the series into a sample box and record the relevant details on an outside label.

AREA 1

Oxford Archaeology

ENVIRONMENTAL SAMPLE REGISTER

SITE CODE: M1D 17

SITE NAME: M1 DLWAY JUNCT. 16

PROJECT TYPE (excavation/evaluation, etc.): EXC.

SITE/PROJECT MANAGER: S. LAWRENCE

Sample number	Context number	Number of boxes or bags	Whole of deposit	Sample taken for (please tick ONE only)									Feature type	Additional notes
				Bulk				Monolith		Series		Other		
				Charred remains	Waterlgd remains	Cremated bone	Bones/ artefacts	Pollen	Soil Micro	Snails	Waterlgd	Dating Chemical etc.	Pit/ditch/ hearth, etc.	e.g. Subsamples to be taken, relative depth for monoliths
1	(106)	4	Y / (N)				✓						Ditch	
2	(117)		Y / (N)	✓									charred patch in ditch	
3	(265)	4	Y / (N)	✓									CHARCOAL FILL OF PIT [272]	FILL OF PIT [272]
4	(271)	2	Y / (N)	✓									CHARCOAL FILL OF PIT	FILL OF PIT [272]
5	(228)	4	Y / (N)	✓			✓						F/o pit [227]	Industrial use pit.
6	(392)	4	Y / (N)	✓									Fill of DITCH [390]	UPPERMOST FILL OF DITCH

AREA 1

Oxford Archaeology

ENVIRONMENTAL SAMPLE REGISTER

SITE CODE: MIDI7

SITE NAME: MIDWAY, NORTHAMPTONSHIRE

PROJECT TYPE (excavation/evaluation, etc.): EXC

SITE/PROJECT MANAGER:

Sample number	Context number	Number of boxes or bags	Whole of deposit	Sample taken for (please tick ONE only) Bulk: Charred remains	Bulk: Waterlgd remains	Bulk: Cremated bone	Bulk: Bones/ artefacts	Monolith: Pollen	Monolith: Soil Micro	Series: Snails	Series: Waterlgd	Other: Dating Chemical etc.	Feature type Pit/ditch/ hearth, etc.	Additional notes e.g. Subsamples to be taken, relative depth for monoliths
↕	(572)	4	(Y) / N	✓									Pit [570]	Whole fill of imbedded pot within Pit
8	(599)	3 tubs 1 bag	~~Y~~ / (N)	✓									[597]	Charcoal rich fill of terminus [597]. ADF 22/1/18
9	(710)	4	Y / (N)	✓									Pit [671]	CHARCOAL RICH FILL OF PIT [671] 25/1/18 MTB
10	(711)	3	Y / (N)	✓									Pit [671]	DENSE CHARCOAL LAYER IN PIT [671] 25/1/18 MTB
11	(744)	3	Y / (N)	✓									POSITHOLE [744]	CHARCOAL RICH FILL OF POSITHOLE [744] K.R. 25/1/18
12	(609)	2	Y / (N)	✓									Ditch (beam slot?)	A.R. 26.01.'18 poss. ble beam slot

AREA 1

Oxford Archaeology

ENVIRONMENTAL SAMPLE REGISTER

SITE CODE: MID17

SITE NAME: MID12

PROJECT TYPE (excavation/~~evaluation, etc.~~): Excavation

SITE/PROJECT MANAGER: S.L

Sample number	Context number	Number of boxes or bags	Whole of deposit	Sample taken for (please tick ONE only)									Feature type	Additional notes
				Bulk				Monolith		Series		Other		
				Charred remains	Waterlgd remains	Cremated bone	Bones/ artefacts	Pollen	Soil Micro	Snails	Waterlgd	Dating Chemical etc.	Pit/ditch/ hearth, etc.	e.g. Subsamples to be taken, relative depth for monoliths
13	(1040)	4 box.	Y / (N)	✓									[1038]: pit	AW 1/2/18
14	(1001)	4 box.	Y / (N)	✓									(1001): layer	Finds rich deposit. assoc. with [1038] + [1045] AW 1/2/18
15	(1047)	~~4~~ 2 box.	Y / (N)	✓									[1045]: pit	Fill within poss. refuse pit [1045] AW 1/2/18
16	(1037)	3 box.	Y / (N)	✓									[1036]: pit?	Sole fill of poss. pit [1036] AW 1/2/18
17	1092	2 box	Y / (N)	✓									~~Burning~~ Hearth pit [1091]	Charcoal rich fill from ~~burning~~ Hearth pit within Ring ditches AOF 1/2/18
18	1123	1 box	Y / (N)	✓									Flume Gully [1122]	Charcoal rich fill from Gully within Ring ditches AOF 2/2/18

AREA 1

Oxford Archaeology

ENVIRONMENTAL SAMPLE REGISTER

SITE CODE: MID17

SITE NAME: Midway, MI J16, NAFAMS

PROJECT TYPE (excavation/evaluation, etc.): EX

SITE/PROJECT MANAGER: S. Lawrence

Sample number	Context number	Number of boxes or bags	Whole of deposit	Sample taken for (please tick ONE only) Bulk: Charred remains	Bulk: Waterlgd remains	Bulk: Cremated bone	Bulk: Bones/ artefacts	Monolith: Pollen	Monolith: Soil Micro	Series: Snails	Series: Waterlgd	Other: Dating Chemical etc.	Feature type: Pit/ditch/ hearth, etc.	Additional notes: e.g. Subsamples to be taken, relative depth for monoliths
19	(1134)	3	Y / N	✓									pit [1170]	pit containing poss. mikeal from kiln/oven mm. Feb 2/18
20	(1133)	1	Y / N	✓									kiln/flue [1130]	Upper charcoal fill from poss kiln/oven Feb 2/18 MM.
21	(1009)	4	Y / N	✓									[1008] inner ring ditch	Fill of inner ring ditch TS 05/02/18
22	(1011)	4	Y / N	✓									[1010] outer ring ditch	Fill of outer ring ditch TS 05/02/18
23			Y / N	SEE NEXT SHEET										Temple
24			Y / N											

AREA 1

5

Oxford Archaeology

ENVIRONMENTAL SAMPLE REGISTER

SITE CODE: MIDI7

SITE NAME: MIDDLETWAY

PROJECT TYPE (excavation/evaluation, etc.): EX.

SITE/PROJECT MANAGER:

Sample number	Context number	Number of boxes or bags	Whole of deposit	Sample taken for (please tick ONE only)									Feature type	Additional notes
				Bulk				Monolith		Series		Other		
				Charred remains	Waterlgd remains	Cremated bone	Bones/ artefacts	Pollen	Soil Micro	Snails	Waterlgd	Dating Chemical etc.	Pit/ditch/ hearth, etc.	e.g. Subsamples to be taken, relative depth for monoliths
L23	(1302) (1300) (1301)	1 tubes	Y / N					✓					Spring	Column Sample through Spry deposits
L24	(1302) (1303) (1304) (1305)	1 TUBE	Y / N					✓					SPRING	↓
25	(1302)	1	Y / N								✓		"	Incremental Samples through spry deposits
26	(1305)	1	Y / N								✓		"	↓
27	(1303)	1	Y / N								✓		"	↓
28	(1304)	1	Y / N								✓		"	↓

AREA 1

(6)

Oxford Archaeology

ENVIRONMENTAL SAMPLE REGISTER

SITE CODE: MID17

SITE NAME: MIDRIFTWAY

PROJECT TYPE (excavation/evaluation, etc.): EX

SITE/PROJECT MANAGER:

Sample number	Context number	Number of boxes or bags	Whole of deposit	Taken for (please tick ONE only) Bulk: Charred remains	Bulk: Waterlgd remains	Bulk: Cremated bone	Bulk: Bones/ artefacts	Monolith: Pollen	Monolith: Soil Micro	Series: Snails	Series: Waterlgd	Other: Dating Chemical etc.	Feature type: Pit/ditch/ hearth, etc.	Additional notes: e.g. Subsamples to be taken, relative depth for monoliths
29	(1301)	1	Y / (N)								✓		SPRING	Incremental sample through spring deposits
30	1300	2	Y / (N)		✓								"	Bulk sample through spring deposits
31	1301	2	Y / (N)		✓								"	
32	1302	2	Y / (N)		✓								"	
33	1303	2	Y / (N)		✓								"	
34	1304	2	Y / (N)		✓								"	
35	1305	2	N		✓								"	

ANP

AREA 1

7

Oxford Archaeology

ENVIRONMENTAL SAMPLE REGISTER

SITE CODE: MIDT7

SITE NAME: MIDWAY, NORTHAMPTONSHIRE

PROJECT TYPE (excavation/~~evaluation, etc.~~):

SITE/PROJECT MANAGER: S. L

Sample number	Context number	Number of boxes or bags	Whole of deposit	Sample taken for (please tick ONE only)									Feature type	Additional notes
				Bulk				Monolith		Series		Other		
				Charred remains	Waterlgd remains	Cremated bone	Bones/ artefacts	Pollen	Soil Micro	Snails	Waterlgd	Dating Chemical etc.	Pit/ditch/ hearth, etc.	e.g. Subsamples to be taken, relative depth for monoliths
35	1305	2	Y / (N)		✓								SPRING	Bulk Sample of PRIMARY FILL of SPRING ROOF 9/2/18
36	1429	1	(Y) / N									SPECIES SAMPLE ✓		WOODEN STRUCTURE
37	1431	2	Y / (N)	✓										PIT FILL
38	1434	2	Y / (N)	✓										PIT FILL
39	1438		Y / (N)	✓										PIT FILL
40	1436		Y / (N)	✓										PIT FILL

AREA 1

Oxford Archaeology

ENVIRONMENTAL SAMPLE REGISTER

SITE CODE: MIN.17

SITE NAME

PROJECT TYPE (excavation/evaluation, etc.)

SITE/PROJECT MANAGER

Sample number	Context number	Number of boxes or bags	Whole of deposit	Sample taken for (please tick ONE only)									Feature type	Additional notes
				Bulk				Monolith		Series		Other		
				Charred remains	Waterlgd remains	Cremated bone	Bones/ artefacts	Pollen	Soil Micro	Snails	Waterlgd	Dating Chemical etc.	Pit/ditch/ hearth, etc.	e.g. Subsamples to be taken, relative depth for monoliths
41	1441	2	Y / (N)	✓										Fill of Pit 1440
			Y / N											
			Y / N											
			Y / N											
			Y / N											
			Y / N											

AREA 2 EAST

(1)

Oxford Archaeology

ENVIRONMENTAL SAMPLE REGISTER

SITE CODE: M20 17

SITE NAME: M20 L7

PROJECT TYPE (excavation~~/evaluation, etc.~~)

SITE/PROJECT MANAGER: Steve Lawrence

Sample number	Context number	Number of boxes or bags	Whole of deposit	Sample taken for (please tick ONE only)									Feature type	Additional notes
				Bulk				Monolith		Series		Other		
				Charred remains	Waterlgd remains	Cremated bone	Bones/ artefacts	Pollen	Soil Micro	Snails	Waterlgd	Dating Chemical etc.	Pit/ditch/ hearth, etc.	e.g. Subsamples to be taken, relative depth for monoliths
20000	20107	4	Y / N	✓									Ditch [illegible]	charcoal-rich fill of ditch [20111] CR
20001	(20163)	4	Y / N	✓									Ditch [20162]	charcoal-rich fill of narrow ditch/beam slot M.M. Mar 8/18
20002	[illegible] (20312)	4	Y / N	✓			✓						[20310] Ditch [illegible]	Top fill upper fill of ditch [20300] rich in animal bone and charcoal LPB 20.03.12
20003			Y / N						✓				DITCH [20365]	MONOLITH SAMPLE OF (20366) + (20367) + (20369) + (20368) + (20371) + (20372) INCLUDED SHELLS. LH 23/3/18
20004	(20369)	4	Y / N		✓					✓			DITCH [20365]	ALLUVIAL DEPOSIT WITH SNAIL SHELLS 23/03/18 LH
20005	(20371)	4	Y / N		✓					✓			DITCH [20365]	ALLUVIAL DEPOSIT WITH SNAL SHELLS 23/03/18 LH

AREA 2 EAST

(2)

Oxford Archaeology

ENVIRONMENTAL SAMPLE REGISTER

SITE CODE: MID17

SITE NAME: MIDWAY NORTHAMPTON

PROJECT TYPE (excavation/evaluation, etc.):

SITE/PROJECT MANAGER: STEVE LAWRENCE

Sample number	Context number	Number of boxes or bags	Whole of deposit	Sample taken for (please tick ONE only)									Feature type	Additional notes
				Bulk				Monolith		Series		Other		
				Charred remains	Waterlgd remains	Cremated bone	Bones/ artefacts	Pollen	Soil Micro	Snails	Waterlgd	Dating Chemical etc.	Pit/ditch/ hearth, etc.	e.g. Subsamples to be taken, relative depth for monoliths
20006	20525	4	Y / (N)		✓									fill from culvert cut 20002 in Area 2 EAST EC 5/4/18
			Y / N											
			Y / N											
			Y / N											
			Y / N											
			Y / N											

AREA 2 WEST

Oxford Archaeology

ENVIRONMENTAL SAMPLE REGISTER

SITE CODE: MID17

SITE NAME: MK 516, Northants

PROJECT TYPE (excavation/evaluation, etc.): EX

SITE/PROJECT MANAGER: S. Lawrence

Sample number	Context number	Number of boxes or bags	Whole of deposit	Sample taken for (please tick ONE only)									Feature type	Additional notes
				Bulk				Monolith		Series		Other		
				Charred remains	Waterlgd remains	Cremated bone	Bones/ artefacts	Pollen	Soil Micro	Snails	Waterlgd	Dating Chemical etc.	Pit/ditch/ hearth, etc.	e.g. Subsamples to be taken, relative depth for monoliths
2000	2005	4	Y / N	✓									Structure layer	Layer of Stone Structure SS
2001	2014	4	Y / N	✓									Structure layer	Layer of Stone Structure
2002	(2030)	4	Y / N	✓									Ditch Fill [2022] - Ext 8	Layer atop multiple primary (storic) ditch fills N.M. Feb 9/18
2003	(2013)	4	Y / N	✓									DITCH FILL [2085]	Layer of backfill above demolition fill.
2004	(2046)	1	Y / N	✓									corndryer 2019	Burnt deposit of corndryer. NW quadrant.
2005	(2046)	1	Y / N	✓									corndryer 2019	Burnt deposit of corndryer. Central-South quadrant.

AREA 2 WEST

(2)

Oxford Archaeology

ENVIRONMENTAL SAMPLE REGISTER

SITE CODE: MID 17

SITE NAME

PROJECT TYPE (excavation/evaluation, etc.)

SITE/PROJECT MANAGER

Sample number	Context number	Number of boxes or bags	Whole of deposit	Sample taken for (please tick ONE only)									Feature type	Additional notes
				Bulk				Monolith		Series		Other		
				Charred remains	Waterlgd remains	Cremated bone	Bones/ artefacts	Pollen	Soil Micro	Snails	Waterlgd	Dating Chemical etc.	Pit/ditch/ hearth, etc.	e.g. Subsamples to be taken, relative depth for monoliths
2006	(2046)	2	Y / (N)	✓									corndryer 2019	Burnt deposit of corndryer. Central-south quadrant.
2007	(2047)	1	Y / (N)	✓									corndryer 2019	Burnt red material of corndryer. East quadrant.
2008	(2048)	1	Y / (N)	✓									corn-dryer 2019	Burnt black deposit of corndryer. East quadrant.
2009	(2052)	1	Y / (N)	✓									corn-dryer 2019	Possible lining of corndryer, NE quadrant.
2010	(2079)	4	Y / (N)	✓										OUT OF USE LAYER WITHIN STR. CHARCOAL & SNAILS.
2011	(2080)	4	Y / (N)	✓										CONTEXT WITHIN "FIRE PIT" OF STR. 2039

AREA 2 WEST

(3)

Oxford Archaeology

ENVIRONMENTAL SAMPLE REGISTER

SITE CODE: MID · 17

SITE NAME

PROJECT TYPE (excavation/evaluation, etc.)

SITE/PROJECT MANAGER

Sample number	Context number	Number of boxes or bags	Whole of deposit	Sample taken for (please tick ONE only)									Feature type	Additional notes
				Bulk				Monolith		Series		Other		
				Charred remains	Waterlgd remains	Cremated bone	Bones/ artefacts	Pollen	Soil Micro	Snails	Waterlgd	Dating Chemical etc.	Pit/ditch/ hearth, etc.	e.g. Subsamples to be taken, relative depth for monoliths
2012	(2079)	1	Y / (N)	✓									Structure layer	Burnt deposit SW Quadrant. Southern end.
2013	(2079)	1	Y / (N)	✓									Structure layer	Burnt deposit SW Quadrant. Northern end
2014	(2079)	1	Y / (N)	✓									Structure layer	Burnt deposit NE quadrant. Western end.
2015	(2105)	1	Y / (N)	✓									Structure layer	Burnt deposit SW Quadrant. Western end.
2016	(2106)	1	Y / (N)	✓									Structure layer	Burnt deposit NE Quadrant. Southern end
2017	(2079)	1	Y / (N)	✓									Structure layer	Burnt deposit. NE Quadrant. Northern end.

AREA 2 WEST

(4)

Oxford Archaeology

ENVIRONMENTAL SAMPLE REGISTER

SITE CODE: M1D.17

SITE NAME

PROJECT TYPE (excavation/evaluation, etc.)

SITE/PROJECT MANAGER

Sample number	Context number	Number of boxes or bags	Whole of deposit	Sample taken for (please tick ONE only)									Feature type	Additional notes
				Bulk				Monolith		Series		Other		
				Charred remains	Waterlgd remains	Cremated bone	Bones/ artefacts	Pollen	Soil Micro	Snails	Waterlgd	Dating Chemical etc.	Pit/ditch/ hearth, etc.	e.g. Subsamples to be taken, relative depth for monoliths
2018	(2149)	1	Y / (N)	✓									Structure - corn dryer	Layer fill of corn dryer - W section.
2019	(2161)	1	Y / (N)	✓									corn dryer.	Layer fill of corn dryer - Middle section. Burnt layer
2020	2189	1	(Y) / N										POT	FILL OF POT 108 FROM CORN DRYER 2089
2021	2190	1	(Y) / N										POT.	FILL OF POT 109 FROM CORN DRYER 2089
2022	(2148)	1	(Y) / (N)	✓									~~Pit~~ Structure 6	Charcoal deposit ~~on~~ ~~Pit floor~~ of stone floor, ~~cut~~ 2248 rubble spread (2147)
2023	(2191)	1	Y / (N)	✓									CORN DRYER	LAYER FILL OF CORN DRYER - MIDDLE SECTION. YELLOW / GREY DEPOSIT + BURNT.

AREA 2 WEST

(5)

Oxford Archaeology

ENVIRONMENTAL SAMPLE REGISTER

SITE CODE

SITE NAME

PROJECT TYPE (excavation/evaluation, etc.)

SITE/PROJECT MANAGER

Sample number	Context number	Number of boxes or bags	Whole of deposit	Sample taken for (please tick ONE only)									Feature type	Additional notes
				Bulk				Monolith		Series		Other		
				Charred remains	Waterlgd remains	Cremated bone	Bones/ artefacts	Pollen	Soil Micro	Snails	Waterlgd	Dating Chemical etc.	Pit/ditch/ hearth, etc.	e.g. Subsamples to be taken, relative depth for monoliths
2024	(2186)	1	Y / (N)	✓				~					SQUARE-CUT FEATURE [2185]	DENSE CHARCOAL DEPOSIT AT BASE OF SQUARE-CUT FEATURE [2185]; POSSIBLE ASSOCIATION WITH WOOD STAKE HOLE
2025	(2148)		Y / (N)	✓									Structure 2248	charcoal deposit on top of rubble spread (2147) and stone floor 2248.
2026	2252, 2254	1	Y / (N)		✓			✓					STRUCTURE 2205 WATER HOLDING?	EVIDENCE OF SNAILS + POSSIBLE SEEDS IN DEPOSITS OF SUPPOSED 'SMOKEHOUSE' SAB 21-03-18
2027	2250, 2252, 2254	1	Y / (N)		✓			✓					STRUCTURE 2205 WATER HOLDING?	EVIDENCE OF SNAILS + SEEDS/ GRAINS IN DEPOSIT. OVERLAPS (2026) SAB 21-03-18
2028	(2254)	4	Y / (N)	✓									STRUCTURE 2205	FAIR QUANTITY OF CHARCOAL. MAY ALSO CONTAIN SNAIL SHELLS + GRAIN SAB 22-03-18
2029	(2252)	1 of 4 INCREMENTS	Y / (N)							✓			STRUCTURE 2205	SNAILS IN DEPOSIT SAB 22-03-18

AREA 2 WEST

Oxford Archaeology

ENVIRONMENTAL SAMPLE REGISTER

SITE CODE: M1D - 17

SITE NAME: M1 Junction 16

PROJECT TYPE (excavation/evaluation, etc.): EXCAVATION

SITE/PROJECT MANAGER: STEVE LAWRENCE

Sample number	Context number	Number of boxes or bags	Whole of deposit	Sample taken for (please tick ONE only)									Feature type	Additional notes
				Bulk				Monolith		Series		Other		
				Charred remains	Waterlgd remains	Cremated bone	Bones/ artefacts	Pollen	Soil Micro	Snails	Waterlgd	Dating Chemical etc.	Pit/ditch/ hearth, etc.	e.g. Subsamples to be taken, relative depth for monoliths
2030	(2252)	2 of 4 INCREMENTAL	Y / (N)							✓			STRUCTURE 2205	SNAILS IN DEPOSIT SAB 22-03-18
2031	(2252)	3 of 4 INCREMENTAL	Y / (N)							✓			STRUCTURE 2205	SNAILS SAB 22-03-18
2032	(2252)	4 of 4 INCREMENTAL	Y / (N)							✓			STRUCTURE 2205	SNAILS SAB 22-03-18
2033	(2254)	4	Y / (N)	✓						✓			STRUCTURE 2205	SNAILS IN DEPOSIT. CHARCOAL SAB 22-03-18
2034	(2176)	1	Y / (N)	✓									STRUCTURE 2151	CHARCOAL PRESENT IN DEPOSIT. ALSO EVIDENCE OF GRAIN + SNAILS SAB 23-03-18
2035	(2176)	1	Y / (N)	✓									STRUCTURE 2151	CHARCOAL. POSSIBLY GRAIN & SNAILS SAB 23-03-18

AREA 2 WEST

Oxford Archaeology

ENVIRONMENTAL SAMPLE REGISTER

SITE CODE: M1D-17

SITE NAME: M1 Junction 16

PROJECT TYPE (excavation/evaluation, etc.): Excavation

SITE/PROJECT MANAGER: Steve Lawrence

Sample number	Context number	Number of boxes or bags	Whole of deposit	Sample taken for (please tick ONE only)									Feature type	Additional notes
				Bulk				Monolith		Series		Other		
				Charred remains	Waterlgd remains	Cremated bone	Bones/ artefacts	Pollen	Soil Micro	Snails	Waterlgd	Dating Chemical etc.	Pit/ditch/ hearth, etc.	e.g. Subsamples to be taken, relative depth for monoliths
2036	2176	1	Y / N	✓									STRUCTURE 2151	CHARCOAL IN FILL. MAY ALSO CONTAIN GRAIN & SNAILS SAB 23-03-18
2037	2176	1	Y / N	✓									STRUCTURE 2151	CHARCOAL IN FILL. MAY ALSO CONTAIN GRAIN & SNAILS SAB 23-03-18
2038	2173	1	Y / N	✓									STRUCTURE 2151	CHARCOAL IN DEPOSIT. MAY ALSO CONTAIN GRAIN AND/OR SNAILS SAB 23-03-18
VOID 2039	~~2326~~	~~4~~	~~Y / N~~	~~✓~~									~~STRUCTURE~~ 2020	~~CHARCOAL IN FILL~~ LH ~~28/3/18~~
2040	2327	1	Y / N	✓									STRUCTURE 2020	HEAVY CHARCOAL DEPOSIT LH 28/3/18
2041	2329	1	Y / N	✓									STRUCTURE 2020	CHARCOAL IN FILL LH 28/3/18

AREA 2 WEST

8

Oxford Archaeology

ENVIRONMENTAL SAMPLE REGISTER

SITE CODE: M1D - 17

SITE NAME: M1 JUNCTION 16

PROJECT TYPE (excavation/evaluation, etc.): EXCAVATION

SITE/PROJECT MANAGER: STEVE LAWRENCE

Sample number	Context number	Number of boxes or bags	Whole of deposit	Sample taken for (please tick ONE only)									Feature type	Additional notes
				Bulk				Monolith		Series		Other		
				Charred remains	Waterlgd remains	Cremated bone	Bones/ artefacts	Pollen	Soil Micro	Snails	Waterlgd	Dating Chemical etc.	Pit/ditch/ hearth, etc.	e.g. Subsamples to be taken, relative depth for monoliths
2042	~~2326~~ 2326	4	Y / N	✓									STRUCTURE 2020	CHARCOAL IN FILL LH 28/3/18
2043	2337	4	Y / N	✓									FIRE PIT 2336	DENSE CHARCOAL IN FILL SAB 29-03-18
2044	2379	1	Y / N	✓									CORN DRYER 2130	CHARCOAL IN FILL SAB 04-04-18
2045	2379	1	Y / N	✓									CORN DRYER 2130	CHARCOAL IN FILL SAB 04-04-18
2046	2379	1	Y / N	✓									CORN DRYER 2130	CHARCOAL IN FILL SAB 04-04-18
2047	2379	1	Y / N	✓									CORN DRYER 2130	CHARCOAL IN FILL SAB 04-04-18

AREA 2 WEST

Oxford Archaeology

ENVIRONMENTAL SAMPLE REGISTER

SITE CODE: MJD-17

SITE NAME: M1 JUNCTION 16

PROJECT TYPE (excavation/evaluation, etc.): EXCAVATION

SITE/PROJECT MANAGER: STEVE LAWRENCE

Sample number	Context number	Number of boxes or bags	Whole of deposit	Sample taken for (please tick ONE only)									Feature type	Additional notes
				Bulk				Monolith		Series		Other		
				Charred remains	Waterlgd remains	Cremated bone	Bones/ artefacts	Pollen	Soil Micro	Snails	Waterlgd	Dating Chemical etc.	Pit/ditch/ hearth, etc.	e.g. Subsamples to be taken, relative depth for monoliths
(2048)	2411	2	Y / (N)	✓									CORN DRYER 2130	CHARCOAL IN FILL SAB 05-04-18
(2049)	2411	2	Y / (N)	✓									CORN DRYER 2130	CHARCOAL IN FILL SAB 05-04-18
(2050)	(2501)	2	Y / (N)	✓	✓								Ditch 2279	NA / RG 18/4/18
			Y / N											
			Y / N											
			Y / N											

Oxford Archaeology

ENVIRONMENTAL SAMPLE REGISTER

SITE CODE MID17

SITE NAME MIDWAY

PROJECT TYPE (excavation/evaluation, etc.) EX

SITE/PROJECT MANAGER STEVE LAWRENCE

Sample number	Context number	Number of boxes or bags	Whole of deposit	Sample taken for (please tick ONE only) Bulk: Charred remains	Bulk: Waterlgd remains	Bulk: Cremated bone	Bulk: Bones/ artefacts	Monolith: Pollen	Monolith: Soil Micro	Series: Snails	Series: Waterlgd	Other: Dating Chemical etc.	Feature type Pit/ditch/ hearth, etc.	Additional notes e.g. Subsamples to be taken, relative depth for monoliths
4000	(4235)	4	Y / (N)				✓						FLINT SCATTER	FLINT SQUARE C FLINT SCATTER (4235)
4001	(4235)	4	Y / (N)				✓						"	FLINT SQUARE B FLINT SCATTER (4235)
4002	(4223)	4	Y / (N)	✓			✓						FIRE PIT	SMALL POSS. FIRE PIT MUCH FIRE CRACKED FLINT – TAKE CARE
			Y / N											
			Y / N											
			Y / N											

Oxford Archaeology

ENVIRONMENTAL SAMPLE REGISTER

SITE CODE: MID-17

SITE NAME

PROJECT TYPE (excavation/evaluation, etc.)

SITE/PROJECT MANAGER

Sample number	Context number	Number of boxes or bags	Whole of deposit	Sample taken for (please tick ONE only)									Feature type	Additional notes
				Bulk				Monolith		Series		Other		
				Charred remains	Waterlgd remains	Cremated bone	Bones/ artefacts	Pollen	Soil Micro	Snails	Waterlgd	Dating Chemical etc.	Pit/ditch/ hearth, etc.	e.g. Subsamples to be taken, relative depth for monoliths
5000	(5065)	1	Y / (N) 50%	✓									Pit? Hearth?	RG 9/4/18.
5001	(5075)	2	Y / (N) 50%	✓									DUMP	DUMP OF CHARCOAL IN DITCH (5071) VG 10.4.18
5002	(5163)	1	Y / (N)	✓									DITCH	
5003	(5323)	2	Y / (N)	✓									DITCH	CHARCOAL / HEAT AFFECTED MATERIAL WITHIN DITCH. AL 16/04/18
5004	(5401)	1	Y / (N)	/									DITCH	CHARCOAL IN DEPOSIT SAB 17-04-18
5005	(5403)	1	Y / (N)	/									DITCH	CHARCOAL IN DEPOSIT SAB 17-04-18