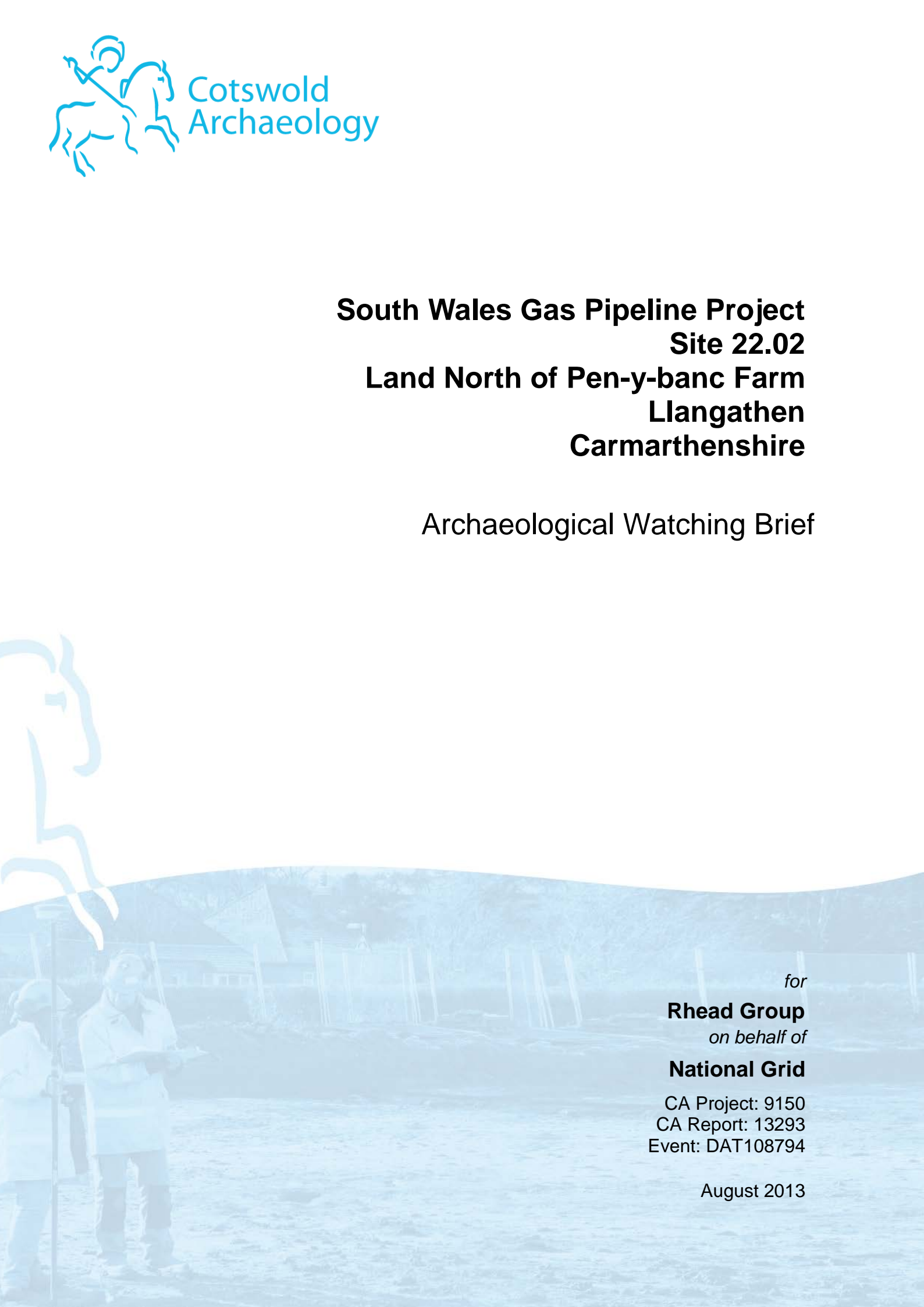


**South Wales Gas Pipeline Project  
Site 26.08  
Land West of Cwmifor  
Llandeilo  
Carmarthenshire**

**Archaeological Watching Brief**



*for*  
**Rhead Group**  
*on behalf of*  
**National Grid**

CA Project: 9150  
CA Report: 13283  
Event: DAT108811


August 2013

# South Wales Gas Pipeline Project

## Site 26.08

### Archaeological Watching Brief

CA Project: 9150  
CA Report: 13283  
Event: DAT102846

prepared by	Luke Brannlund, Project Supervisor
date	5 August 2013
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date	30 April 2015
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date	30 August 2013
issue	01

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## CONTENTS

SUMMARY .....	2
1. INTRODUCTION.....	3
<i>The site</i> .....	3
<i>Archaeological background</i> .....	4
<i>Archaeological objectives</i> .....	4
<i>Methodology</i> .....	4
2. RESULTS (FIG. 2) .....	5
3. PROJECT TEAM .....	5
4. REFERENCES.....	6
APPENDIX A: CONTEXT DESCRIPTIONS .....	7

## LIST OF ILLUSTRATIONS

Fig. 1 Site location plan (1:25,000)

Fig. 2 Section of pit 268006 (1:10)

## GLOSSARY

CA – Cotswold Archaeology

CAP – Cambrian Archaeological Projects

CPAT – Clwyd Powys Archaeological Trust

DAT – Dyfed Archaeological Trust

GGAT - Glamorgan Gwent Archaeological Trust

FTP – Felindre to Brecon gas pipeline

HER – Historic Environment Record

MHA – Milford Haven to Aberdulais gas pipeline

NAL – Network Archaeology Ltd

NLMJV – Nacap Land & Marine Joint Venture

UPD – Updated Project Design

## SUMMARY

<b>Project Name:</b>	South Wales Gas Pipeline Project
<b>Location:</b>	Site 26.08 Land West of Cwmifor, Llandeilo, Carmarthenshire
<b>NGR:</b>	SN 65 26
<b>Type:</b>	Watching Brief
<b>Date:</b>	9-11 June 2007
<b>Location of Archive:</b>	To be deposited with RCAHMW (original paper archive) and Carmarthenshire Museum (digital copy of paper archive; accession number CAASG 2008.0282)
<b>Site Code:</b>	FTP06

An archaeological watching brief was undertaken by Cambrian Archaeological Projects during groundworks associated with construction of gas pipelines (part of the South Wales high pressure gas pipeline scheme) between Milford Haven and Aberdulais, and Felindre and Brecon, which were conducted between 2005 and 2007.

A single undated pit was recorded at a hill top location. The function and date of the pit are not known, although it is possible that the pit was clay-lined and constructed to hold liquid.



## 1. INTRODUCTION

1.1 NACAP Land and Marine Joint Venture (NLMJV), on behalf of National Grid, commissioned RSK Environment (part of the RSK Group) to manage the archaeological works (non-invasive surveys, desk based assessment, evaluation, watching brief, and open area excavation) on a 216km-long section of pipeline from Milford Haven (Pembrokeshire) to Brecon (in Powys). The high pressure gas pipeline (part of the 316km long pipeline route from Milford Haven to Tirley in Gloucestershire) was required to reinforce the gas transmission network. The archaeological work performed in advance of this pipeline was undertaken in a number of sections by a number of archaeological companies. The westernmost section of 122km, from Milford Haven to Aberdulais, was investigated by CA (then Cotswold Archaeological Trust) during 2005–2007 with some additional excavation work carried out by CAP. The section of 89km, from Felindre to Brecon was investigated by CA during 2006–2007 and CAP during 2007. Assessment reports on the works were completed in January 2012 (NLM 2012a, 2012b) and the current reporting stage was commissioned in February 2013.

1.2 In June 2007 CAP carried out an archaeological watching brief at Site 26.08 Land West of Cwmifor, Llandeilo, Carmarthenshire (centred on NGR: SN 65 26; Fig. 1). The objective of the watching brief was to record all archaeological remains exposed during the pipeline construction.

1.3 The watching brief was carried out in accordance with professional codes, standards and guidance documents (EH 1991; IfA 1999a, 1999b, 2001a, 2001b and IfA Wales 2008). The methodologies were laid out in an *Archaeological Framework Document* (RSK 2007) and associated *Written Statements of Investigation* (WSIs) and *Method Statements*.

### ***The site***

1.4 The site is located in a field on the south-east facing slope of a 120m AOD-high hill located between the confluence of the River Towy and an unnamed tributary (Fig 1). The underlying solid geology of the area is mapped as Nantmel Mudstones Formation (Mudstone) overlain by superficial Quaternary deposits of Devensian Till (BGS 2013).

### ***Archaeological background***

- 1.5 No archaeological remains were identified within the site during the preliminary *Archaeology and Heritage Survey* (CA 2006). Heritage assets within the vicinity of the site primarily comprise medieval, post-medieval and modern buildings (PRNs 12741, 29423, 18191, 18190, 18188 and 99725) and a park (PRN 25584). A possible historic bank following the river has also been identified and may be of medieval or post-medieval date (CA 2006, ref. ID 1622).
- 1.6 Within the wider vicinity, an Iron Age defended enclosure has been identified 1km north-west of the site (PRN 849) and numerous remains were found in the vicinity of the site during the pipeline construction works (Fig. 1). Of these, the closest remains comprised a pits and an Iron Age burnt mound at Site 26.06 and undated pits with burnt material near streams at Sites 26.10 and 26.11 (CA 2013 a, b and c).

### ***Archaeological objectives***

- 1.7 The objectives of the archaeological works were:-
- to monitor groundworks, and to identify, investigate and record all significant buried archaeological deposits revealed on the site during the course of the development groundworks; and
  - at the conclusion of the project, to produce an integrated archive for the project work and a report setting out the results of the project and the archaeological conclusions that can be drawn from the recorded data.

### ***Methodology***

- 1.8 The fieldwork followed the methodology set out within the *WSI* (RSK 2007 Appendix B). An archaeologist was present during intrusive groundworks comprising stripping of the pipeline easement to the natural substrate (Fig. 1).
- 1.9 No georeferencing data were available for the archaeological feature recorded on this site and therefore a nominal location for the site has been indicated on Fig. 1 along the pipeline centre line within the field within which it was located. No site plans were drawn and the feature is therefore not illustrated except for a section.
- 1.10 The post-excavation analysis and reporting work was undertaken following the production of the UPD (GA 2012) and included re-examination of the original site records except where the UPD recommended further work, in which case the

updated reports were used. The archaeological background to the site was assessed using the following resources:-

- the *Archaeology and Heritage Survey* which was undertaken in advance of the pipeline construction and which examined a 1km-wide corridor centred on the pipeline centre line, including the then existing HER record (CA 2006);
- Dyfed Archaeological Trust HER data (received July 2014); and
- other online resources, such as Google Earth and Ordnance Survey maps available at <http://www.old-maps.co.uk/index.html>.

All monuments thus identified that were relevant to the site were taken into account when considering the results of the fieldwork.

- 1.11 The archive from the excavation is currently held by CA at their offices in Kemble. A digital copy of the archive will be deposited with Carmarthenshire Museum under accession number CAASG 2008.0282 and the original paper archive will be deposited with the RCAHMW.

## 2. RESULTS (FIG. 2)

- 2.1 This section provides an overview of the watching brief results; detailed summaries of the recorded contexts are to be found in Appendix A.
- 2.2 The natural geological substrate (268003), comprising shale bedrock, was cut by pit 268006. This was circular in plan, 0.35m wide and 0.1m deep, with a bowl-shaped profile. Its lower fill was orange-brown silty clay 268005 which may have been a lining, although this was not certain. The remainder of the pit was filled by silty clay 268004 which included small amounts of charcoal and stone. The pit was undated and no samples were taken from its fills, and further interpretation is not possible.

## 3. PROJECT TEAM

Fieldwork was undertaken by CAP. This report was written by Luke Brannlund with comments by Jonathan Hart and illustrations prepared by Daniel Bashford. The archive has been compiled by Jonathan Hart, and prepared for deposition by Hazel O'Neill. The fieldwork was managed for CAP by Kevin Blockley and the post-excavation work was managed for CA by Karen Walker.

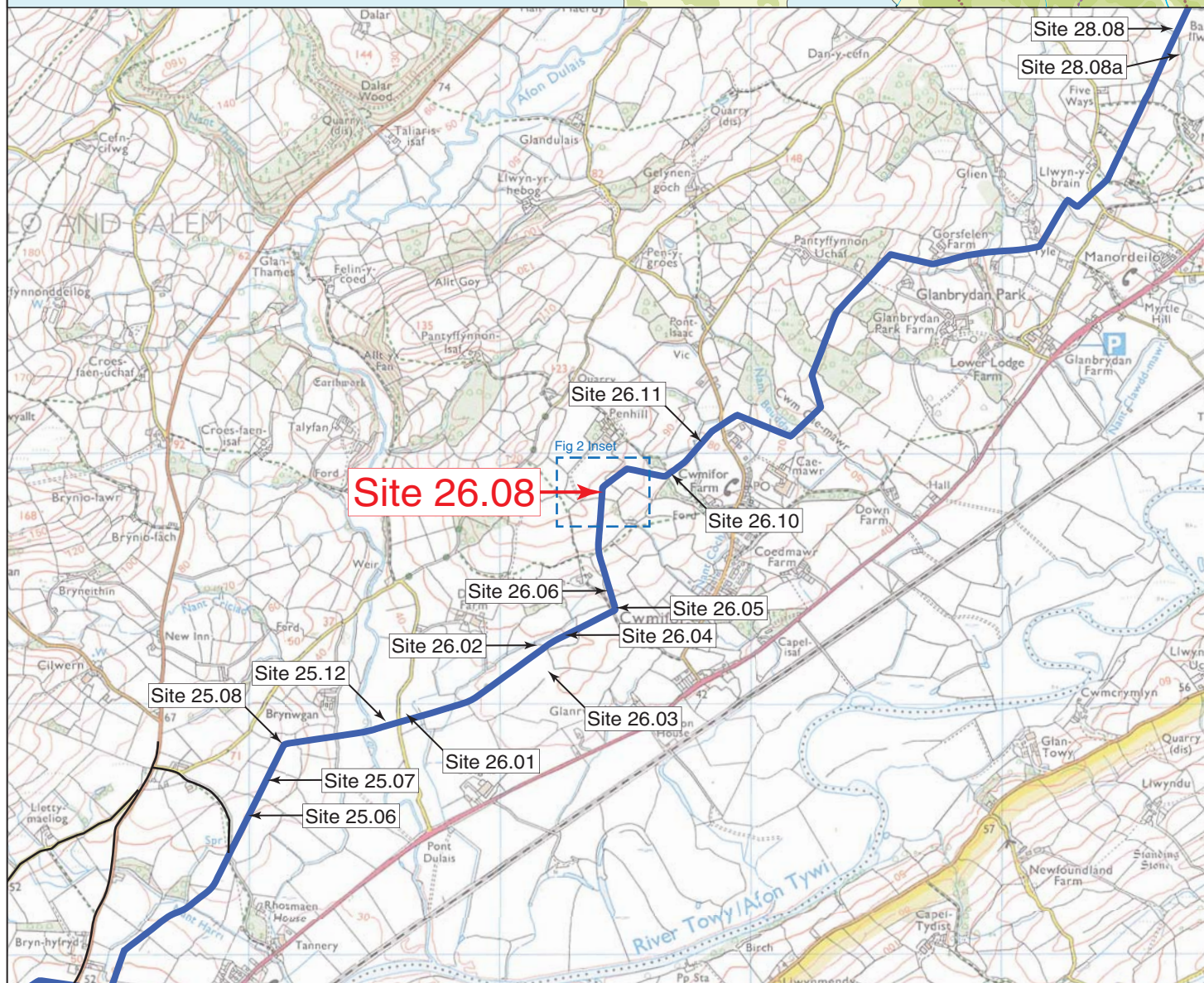
#### 4. REFERENCES

- BGS (British Geological Survey) 2013 *Geology of Britain Viewer*. Online resource at <http://mapapps.bgs.ac.uk/geologyofbritain/home.html> accessed 26 June 2013
- CA (Cotswold Archaeology) 2006 *Felindre to Tirley Gas Pipeline: Archaeology and Heritage Survey*. CA typescript report **05140**
- CA (Cotswold Archaeology) 2013a *South Wales Gas Pipeline Project Sites 26.06. Land East of Llechwen-dderi, Manordeilo and Salem, Carmarthenshire: Archaeological Excavation*. CA typescript report **13282**
- CA (Cotswold Archaeology) 2013b *South Wales Gas Pipeline Project Site 26.10. Land South-East of Penhill, Manordeilo and Salem, Carmarthenshire: Archaeological Watching Brief*. CA typescript report **13301**
- CA (Cotswold Archaeology) 2013c *South Wales Gas Pipeline Project Site 26.11. Land East of Penhill, Manordeilo and Salem, Carmarthenshire: Archaeological Watching Brief*. CA typescript report **13302**
- EH (English Heritage) 1991 *The Management of Archaeological Projects 2*
- GA (Groundwork Archaeology) 2012 *Milford Haven to Aberdulais and Felindre to Brecon High Pressure Gas Pipelines: Updated Project Design*
- IfA (Institute for Archaeologists) 1999a *Guidelines for Finds Work*. IfA, Birmingham
- IfA (Institute for Archaeologists) 1999b *Standard and Guidance for Finds and Ecofact Studies and Curation*. IfA, Reading
- IfA (Institute for Archaeologists) 2001a *Standard and Guidance for the Collection, Documentation, Conservation and Research of Archaeological Materials*.
- IfA (Institute for Archaeologists) 2001b *Standard and Guidance for an Archaeological Watching Brief*
- IfA Wales (Institute for Archaeologists of Wales/Cymru) 2008 *Introducing a Research Framework for the Archaeology of Wales*, online resource at <http://www.archaeoleg.org.uk/intro.html> accessed December 2008
- NLM (Nacap Land and Marine) 2006 *Milford Haven to Aberdulais Natural Gas Pipeline: Scheme of investigation for a programme of archaeological works*
- NLM (Nacap Land and Marine) 2012a *Milford Haven to Aberdulais High Pressure Gas Pipeline: Archaeology Assessment of Potential for Analysis*
- NLM (Nacap Land and Marine) 2012b *Felindre to Brecon High Pressure Gas Pipeline: Archaeology Assessment of Potential for Analysis*
- RSK (RSKENSUR) 2007 *Felindre to Tirley Natural Gas Pipeline: Archaeological Framework Document*, v7. Nacap Land and Marine Final, RSKENSUR Environmental Ltd



**APPENDIX A: CONTEXT DESCRIPTIONS**

Context No.	Fill of	Context interpretation	Description	W (m)	Depth (m)
268001		Topsoil	Mid grey-brown silt clay		0.3
268002		Subsoil	Mid red-brown silt clay		0.1
268003		Natural	Shale bedrock		
268004	268006	Pit fill	2nd fill; mid grey-brown silt clay fill containing burnt material	0.35	0.1
268005	268006	Pit fill	Clay lining; mid orange brown silt clay	0.35	0.02
268006		Pit	Circular in plan with bowl-shaped profile	0.35	0.1



- Milford Haven to Aberdulais pipeline
- Felindre to Brecon pipeline
- 0-75m contour
- 75m contour
- 200m contour
- 400m contour
- 600m contour



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#### PROJECT TITLE

South Wales Pipeline. Site 26.08, Land West of Cwmifor, Llandeilo, Carmarthenshire

#### FIGURE TITLE

Site location plan

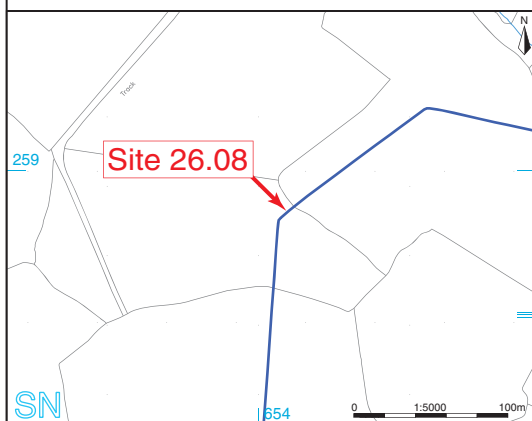
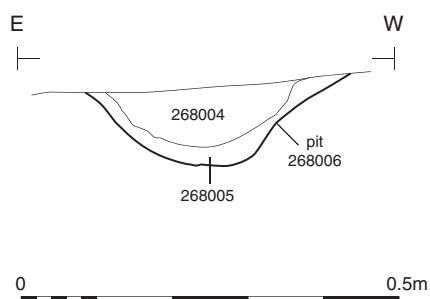
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PROJECT NO. 9150 DATE 09-08-2013  
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APPROVED BY PJM SCALE@A4 1:25,000

FIGURE NO.

1



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**PROJECT TITLE**

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**FIGURE TITLE**

**Section of pit 268006**

PROJECT NO. **9150** DATE **09-08-2013**  
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APPROVED BY **PJM** SCALE@A4 **1:10**

**FIGURE NO.**

**2**