



Aberdeen Western Peripheral Route/Balmedie-Tipperty Digital Appendices

Introduction

The Aberdeen Western Peripheral Route/Balmedie-Tipperty (AWPR/B-T) project was funded by Transport Scotland, Aberdeen City Council and Aberdeenshire Council. Archaeological works in relation to the project began in 2007 with environmental statements undertaken for the various sections of the route. Works in relation to the mitigation measures outlined in those statements commenced in 2012.

Between 2012 and 2016, Headland Archaeology (UK) Ltd undertook a range of investigations across the scheme. These included geophysical survey, topographic survey, palaeoenvironmental assessment, historic building recording and photographic survey across the whole route, followed by trial trenching evaluation, targeted excavation and mitigation excavation within the Southern and Northern Legs of the route, and finally archaeological monitoring during construction of the whole route.

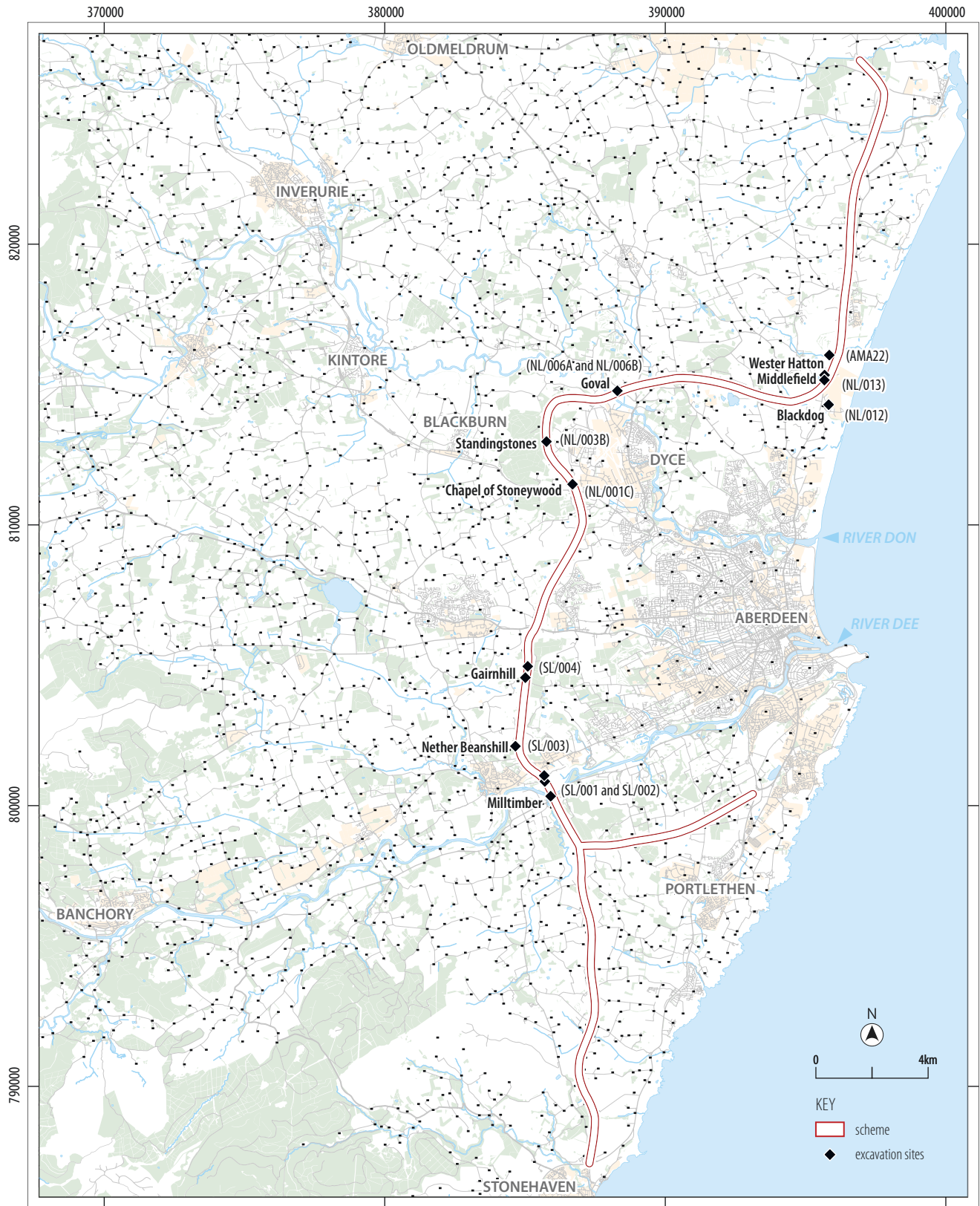
As part of the contract for the works, a monograph detailing the results of the mitigation excavations and archaeological monitoring has been produced and published by Oxbow Books (Dingwall et al 2019). The scale of the results of these phases of work was such that it was preferable to present a synthesised version. With nearly 15,000 years of activity present over nine different locations, and with several of the sites having multiple phases of activity, the opportunity to explore the relationship of the sites to the wider landscape was apparent and this was the thematic focus of the monograph.

However, a wide range of very detailed analysis was undertaken to underpin this overarching theme, and each specialist report merits publication in its own right. Therefore, the assessment reports for the Northern and Southern Leg trial trenching, samples excavations, mitigation excavations, and construction phase excavations are presented here, along with the finds and environmental analysis reports for the various material present. Where further specialist reports were commissioned, and synthesised versions incorporated into the monograph text, the original full versions are included here, for example with the ethnographic study of the use of hazelnuts in relation to two of the sites.

For simplicity, the specialist reports are presented here with minimal editing or alteration. Where possible, context numbers have been standardised with a prefix and four numbers. The prefix relates to which of the sites the context is from eg 2D-1215 is from the site SL/002D, which forms part of the remains found at Milltimber on the River Dee. In some cases, the discussion of the material against a wider backdrop is not included here; this is provided within the monograph. The illustration below shows the location of each of the sites included in these appendices. Additional, more detailed, illustrations for the trial trenching, sample excavation, mitigation excavation and constructions phase excavations are included within those specific reports (Appendix 1).

Supporting the technical reports, the data from the artefactual and environmental analyses is provided in the finds Access database, and environmental Excel spreadsheet, which provide the full range of information. The finds database is largely organised by material, whilst the environmental spreadsheet is organised by site. Again, minimal editing or alteration has been undertaken in relation to this data, so context and sample numbers within some sheets do not contain the site prefix; however, the site number is included in the sheet name and at the top of the sheet.

In addition to the assessment reports and technical analysis reports, the full suite of radiocarbon dates from the project are provided, included failed samples. Finally, a matrix table indicates what specialist material analysis was undertaken at each site.



ILLUS 1 AWPR/B-T Site locations

Appendix 1: Assessment Reports

Appendix 1.1	Aberdeen Western Peripheral Route/Balmedie-Tipperty Lot 2 – Northern Leg: Blackdog To Kingswells Assessment Report on The Results of Trial Trenching and Sample Excavations. Volumes 1-3
Appendix 1.2	Aberdeen Western Peripheral Route/Balmedie-Tipperty Lot 3 – Southern Leg Assessment Report on The Results of Trial Trenching and Sample Excavations. Volumes 1–3
Appendix 1.3	Aberdeen Western Peripheral Route/Balmedie-Tipperty. Lot 2 – Northern Leg. Post-Excavation Assessment and Mitigation Excavation Assessment Report
Appendix 1.4	Aberdeen Western Peripheral Route/Balmedie-Tipperty. Lot 3 – Southern Leg: Sites SL/001 and SL/002A-D, Milltimber, Aberdeenshire. Post-Excavation Assessment and Mitigation Excavation Assessment Report
Appendix 1.5	Aberdeen Western Peripheral Route/Balmedie-Tipperty. Lot 3 – Southern Leg: Sites SL/003-SL/005 Aberdeenshire. Post-Excavation Assessment and Mitigation Excavation Assessment Report
Appendix 1.6	Aberdeen Western Peripheral Route/Balmedie-Tipperty. Construction Phase Archaeological Monitoring Areas for the Aberdeen Western Peripheral Route (AWPR), Results of Archaeological Monitoring & Mitigation during Post-Excavation Assessment and Assessment Report

Appendix 2: Technical Reports

Appendix 2.1 Environmental Reports

Appendix 2.1.1	SL/001 and SL/002 Charcoal Analysis
Appendix 2.1.2	AMA09 Charcoal Analysis
Appendix 2.1.3	SL/003B Charcoal Analysis
Appendix 2.1.4	SL/004 Charcoal Analysis
Appendix 2.1.5	NL/001C Charcoal Analysis
Appendix 2.1.6	NL/003B Charcoal Analysis
Appendix 2.1.7	NL/006A and NL/006B Charcoal Analysis
Appendix 2.1.8	NL/012 Charcoal Analysis
Appendix 2.1.9	AMA22 Charcoal Analysis
Appendix 2.1.10	SL/002D Hazel Nutshell Analysis
Appendix 2.1.11	Ethnographic study of hazelnuts in relation to SL/002D and NL/003B
Appendix 2.1.12	AMA09 Plant Analysis

Appendix 2.1.13	AMA22 Plant Analysis
Appendix 2.1.14	SL/004A Wooden Trough Analysis
Appendix 2.1.15	SL/004D Gairnhill 4 Carbonised Wood
Appendix 2.1.16	SL/003B Cremated Bone Analysis
Appendix 2.1.17	SL/004D Faunal Bone Analysis
Appendix 2.1.18	Using OSL to reconstruct the historic landscape of the River Dee at Milltimber
Appendix 2.1.19	Radiocarbon dating and Bayesian modelling of the Roman ovens at Milltimber, Aberdeenshire

[Appendix 2.2 Artefact Reports](#)

Appendix 2.2.1	SL/002 and AMA09 Pottery Analysis
Appendix 2.2.2	SL/003B Pottery Analysis
Appendix 2.2.3	SL/004 Pottery Analysis
Appendix 2.2.4	NL/001C Pottery Analysis
Appendix 2.2.5	NL/006A Pottery Analysis
Appendix 2.2.6	NL/012 Pottery Analysis
Appendix 2.2.7	AMA22 Pottery Analysis
Appendix 2.2.8	SL/002 and AMA09 Lithics Analysis
Appendix 2.2.9	SL/003B Lithics Analysis
Appendix 2.2.10	SL/004 Lithics Analysis
Appendix 2.2.11	NL/001C Lithics Analysis
Appendix 2.2.12	NL/003B Lithics Analysis
Appendix 2.2.13	NL/006A and NL/006B Lithics Analysis
Appendix 2.2.14	NL/012 Lithics Analysis
Appendix 2.2.15	NL/013 Lithics Analysis
Appendix 2.2.16	AMA22 Lithics Analysis
Appendix 2.2.17	AMA09 Coarse Stone Analysis
Appendix 2.2.18	SL/004 Coarse Stone Analysis
Appendix 2.2.19	NL/001C Course Stone Analysis
Appendix 2.2.20	AMA22 Coarse Stone
Appendix 2.2.21	SL/002 Industrial Waste Analysis

Appendix 2.2.22	SL/003B Industrial Waste Analysis
Appendix 2.2.23	SL/004 Industrial Waste Analysis
Appendix 2.2.24	NL/006A Slag and Fired Clay
Appendix 2.2.25	SL/002D and NL/003B Usewear Analysis

Appendix 3: Radiocarbon Certificates

Appendix 4: Report Concordance

Site	Charcoal	Plant	Hazelnut	Wood	Bone	OSL dating	Bayesian modelling	Ethnographic study	Pottery	Lithics	Coarse stone	Industrial Waste	Use-wear	Site Name	Chapter in monograph
SL/001	x													Milltimber	2
SL/002A	x					x	x			x		x		Milltimber	2
SL/002B	x					x	x		x	x		x		Milltimber	2
SL/002C	x					x			x	x				Milltimber	2
SL/002D	x		x			x		x	x	x			x	Milltimber	2
AMA09	x	x							x	x	x			Milltimber	2
SL/003B	x				x				x	x		x		Nether Beanshill	3
SL/004A	x			x							x			Gairnhill	3
SL/004B	x									x	x			Gairnhill	3
SL/004C									X					Gairnhill	3
SL/004D	x			x	x				x	x	x	x		Gairnhill	3
NL/001C	x								x	x	X			Chapel of Stoneywood	3
NL/003B	x		x					x		x			x	Standingstones	4
NL/006A	x								x	x				Goval	5
NL/006B	x									x				Goval	5
NL/012	x								x	x				Blackdog	6
NL/013										x				Middlefield	6
AMA022	x	x							x	x	x			Wester Hatton	6