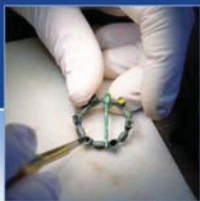


# AWPR Fastlink, Aberdeenshire: Watching Brief Report

AOC 21111  
October 2008



## **AWPR Fastlink, Aberdeenshire:**

### **Watching Brief Report**

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<b>On Behalf of:</b>	<b>Norwest Holst Limited Soil Engineering Division Parkside Lane, Dewsbury Road, Leeds LS11 5SX</b>
<b>National Grid Reference (NGR):</b>	<b>From NO 8718187466 to NO 8659298292</b>
<b>AOC Project No:</b>	<b>21111</b>
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<b>Duration of Fieldwork:</b>	<b>14<sup>th</sup> July until 21<sup>st</sup> October 2008</b>
<b>Date of Report:</b>	<b>27<sup>th</sup> October 2008</b>

**This document has been prepared in accordance with AOC standard operating procedures.**

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<b>Approved by: John Gooder</b>	<b>Date: 30<sup>th</sup> October 2008</b>
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## **Abstract**

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An archaeological watching brief was undertaken on ground breaking works associated with the excavation of three hundred trial pits along the proposed route of the AWPR Fastlink, Aberdeenshire. The scope of the works was determined by Jacobs Engineering UK Ltd on behalf of Transport Scotland. No features or artefacts of archaeological significance were identified during the watching brief.

## 0. NON TECHNICAL SUMMARY

- 0.1 An archaeological watching brief was required by Norwest Holst on ground breaking works associated with the excavation of three hundred trial pits along the proposed route of the AWPR Fastlink, Aberdeenshire. The scope of the works was determined by Jacobs Engineering UK Ltd on behalf of Transport Scotland. These works were conducted in full accordance with NPPG 5 (SOEnd 1994), NPPG 18 (SODD 1999) and PAN 42 (SOEnd 1994a) to determine the nature, extent, condition, date and significance of any archaeological remains uncovered.

## 1 INTRODUCTION

### 1.1 Site Location

- 1.1.1 The trial pits observed under the archaeological watching Brief were located throughout the proposed route of the AWPR Faslink, Aberdeenshire (Figure 1). The proposed route begins at the A90/B979 Junction, Aberdeenshire (NGR NO 8718187466) and extends northwards for ten miles through various landscapes to Blakiewell, Aberdeenshire (NGR NO 859298292).

### 1.2 Archaeological background

- 1.2.1 The ten mile route lies within a multi-period landscape with physical evidence of this rich history evident with the existence of prehistoric standing stones, cairns, cists, stone circles, rubbing stones as well as Roman camps, historic mills, chapels with associated burial grounds, medieval and post medieval field systems, cottages, steadings, estate homes and bridges. Due to the archaeological significance of this landscape the monitoring of all ground breaking works was essential to protect as yet undiscovered sites.

### 1.3 Curatorial control

- 1.3.1 A programme of archaeological works in the form of a *Written Scheme of Investigation* (WSI) was approved by the Jacobs Engineering UK clerk of works, Mr Alastair Rees.

## 2 OBJECTIVES

- 2.1 The objectives of the archaeological works were:
- i) to monitor all ground-breaking works associated with the Site Investigation works and prevent the destruction of significant archaeological features prior to their recording;
  - ii) to undertake the immediate recording of isolated finds of moderately significant archaeological material that will be disturbed by the Site Investigation works;

- iii) given the discovery of highly significant archaeological material in quantity that that will suffer an adverse impact from site investigation works (ie preservation *in situ* was impractical), the recording of all archaeological features by means of a mitigation strategy to be formulated with Jacobs Engineering UK Ltd..

### 3 METHOD

- 3.1 All excavations were undertaken by a JCB 3CX wheeled excavator utilising a c.0.8 m wide toothed bucket operating under the constant supervision of an experienced field archaeologist. Machine excavation was conducted in shallow units/spits through topsoil/overburden to the upper surface of the underlying geological deposits.

## 4 RESULTS

### 4.1 Introduction

- 4.1.1 The watching brief was conducted over a number of phases from 14<sup>th</sup> July until 21<sup>st</sup> October 2008. The weather conditions during the works varied considerably from dry and sunny to wet and overcast.
- 4.1.2 Whilst the dimensions of the trial pits were quite small overall visibility was good. Had significant archaeological features been uncovered the watching brief methodology employed would have observed the features and prevented their removal before recording, or advised on the relocation of the trial pit.
- 4.1.2 The various data gathered from the excavation are presented as a series of appendices:
  - Appendix 1 contains the Trial pit summaries;
  - Appendix 2 contains the photographic register;
  - Appendix 3 reproduces the *Discovery & Excavation in Scotland* entry.
- 4.1.3 The engineering maps showing the exact locations of all trial pits will be included with the archive deposition to be deposited at the RCAHMS

### 4.2 Overview

- 4.2.1 The majority of the pits that were measured 1.5 m by 3.0 m and had depths of topsoil between 0.10 m to 2.00 m. The type of topsoil and subsoil varied considerably, as is expected from a wide sample over such a large area. Generally the topsoil was a mid grey brown soft clay silt with moderate to small sub rounded stones, in low lying ground and areas close to burns the topsoil was a much

wetter fibrous peat. The subsoil followed a similar pattern with sandy silty gravels found in the majority of the trial pits but compact clays and marl in the wetter areas. The details of the individual trial pits excavated can be viewed in Appendix 1. The majority of the pits were excavated in arable and pastoral farmland with others in marshland, forest plantations, and scrubland. These locations were all areas where there had never been any serious modern impact other than the land improvements in the form of the insertion of land drains.

- 4.2.2 No archaeological features were noted during the excavation of any of the trial pits and no significant artefacts were visible within any of the excavated material.

## 5 DISCUSSION

- 5.1 The watching brief on the site investigation works provided the opportunity for a primary assessment of the archaeological potential of the development area, and acted as a safeguard against the destruction of archaeological deposits. Neither significant archaeological deposits, features nor artefactual material were encountered during these initial works. However, within a wider landscape rich with archaeological remains it must be anticipated that the main groundworks associated with the development will possess a greater probability of unearthing sites of significant archaeological interest.

## 6 REFERENCES

Cook, M 2008 *AWPR Fastlink, Stonehaven Watching Brief Written Scheme of Investigation*, Unpubl AOC Archaeology Client Report

SOEnd 1994 *Planning Advice Note 42: Archaeology – the Planning Process and Scheduled Ancient Monument Procedures*. January 1994. The Scottish Office Environment Department.

SOEnd 1994a *National Planning Policy Guideline NPPG 5. Archaeology and Planning*. January 1994. The Scottish Office Environment Department.



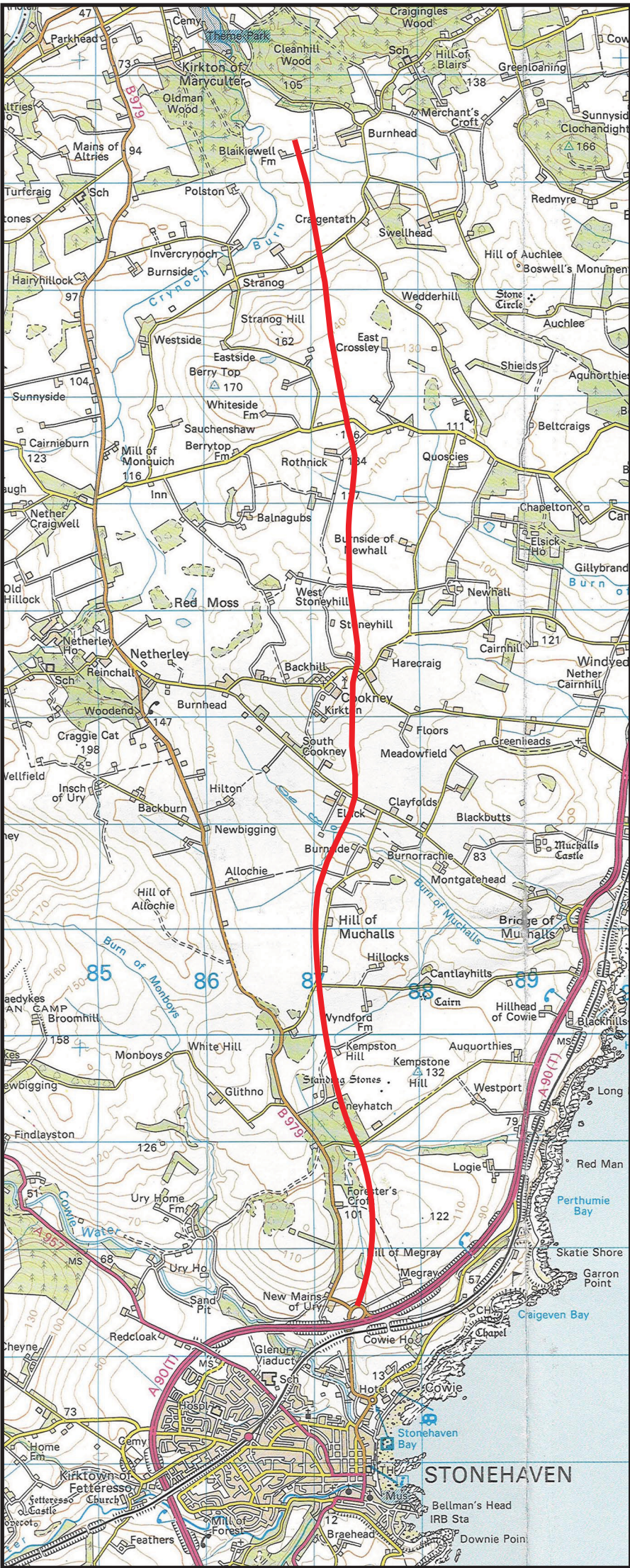
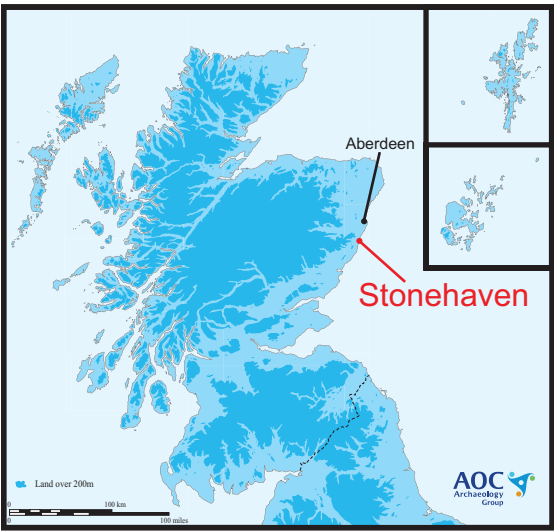
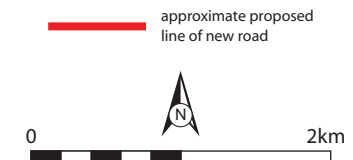


Figure 1: Site location and line of proposed new road





## APPENDIX 1: TRIAL PIT SUMMARIES

Trial Pit Number	Trial Pit dimensions	Topsoil Depth	Subsoil Description
1	1.0 m x 3.0 m	0.35 m	Reddish orange compact siltyish smooth clay
1A Soak away	2.5 m x 0.3 m	0.26 m	Reddish orange clay with some silty pockets
2	1.0 m x 3.0 m	0.28 m	Reddish orange compact silty clay
3	1.0 m x 3.0 m	0.3 m	Reddish orange compact silty clay
3A Soak away	2.5 m x 0.3 m	0.28 m	Reddish orange clay with some silty pockets
4	1.0 m x 3.0 m	0.4 0m	Reddish brown clay silt with frequent cobbles
5	1.0 m x 3.0 m	0.30 m	Very wet red silty clay with frequent rounded cobbles and gravelly patches
6	1.5 m x 2.5 m	0.50 m	Light orange brown sandy clay with frequent small to medium sub rounded stones
7	1.5 m x 2.5 m	0.60 m	Mid red brown friable sandy clay with moderate small to medium sub rounded and sub angular stones
8	1.5 m x 2.5 m	0.35 m	Mid red brown friable sandy clay with moderate small to medium sub rounded and sub angular stones
9	1.5 m x 2.5 m	0.52 m	Dark red brown friable sandy clay with moderate small to medium sub rounded and sub angular stones
9A	1.5 m x 2.5 m	0.47 m	Mid red brown friable sandy clay with moderate small to medium sub rounded and sub angular stones
10	1.5 m x 2.5 m	0.70 m	Mid red brown friable sandy clay with moderate small to medium sub rounded and sub angular stones
11	1.5 m x 2.5 m	0.48 m	Mid red brown friable sandy clay with moderate small to medium sub rounded and sub angular stones
12	1.5 m x 2.5 m	0.28 m	Mid red brown friable sandy clay with moderate small to medium sub rounded and sub angular stones
13	1.5 m x 2.5 m	0.25 m	Mid red brown friable sandy clay with moderate small to medium sub rounded and sub angular stones
13A	1.5 m x 2.5 m	0.30 m	Mid red brown friable sandy clay with moderate small to medium sub rounded and sub angular stones
14	1.5 m x 2.5 m	0.45 m	Mid red brown friable sandy clay with moderate small to medium sub rounded and sub angular stones
15	1.5 m x 2.5 m	0.29 m	Mid red brown friable sandy clay with moderate small to medium sub rounded and sub angular stones
16	1.0 m x 3.0 m	0.40 m	Light yellow sandy silt
16 A	1.0 m x 3.0 m	0.40 m	Light yellow sandy silt

17	1.5 m x 2.5 m	0.30 m	Mid red brown friable sandy clay with moderate small to medium sub rounded and sub angular stones
18	1.5 m x 2.5 m	0.40 m	Mid red brown friable sandy clay with moderate small to medium sub rounded and sub angular stones
18A	1.5 m x 2.5 m	0.36 m	Mid red brown friable sandy clay with moderate small to medium sub rounded and sub angular stones
19	1.5 m x 2.5 m	0.35 m	Mid red brown friable sandy clay with moderate small to medium sub rounded and sub angular stones
20	1.5 m x 2.5 m	0.32 m	Mid red brown friable sandy clay with moderate small to medium sub rounded and sub angular stones
22	1.5 m x 2.5 m	0.20	Mid red brown friable sandy clay with moderate small to medium sub rounded and sub angular stones
22A	1.5 m x 2.5 m	0.18 m	Mid red brown friable sandy clay with moderate small to medium sub rounded and sub angular stones
23	1.5 m x 2.5 m	0.25 m	Light- mid red brown friable sandy clay with moderate small to medium sub rounded and sub angular stones
24	1.5 m x 2.5 m	0.33 m	Light red brown friable sandy clay with moderate sub angular stones
25	1.5 m x 3.0 m	0.40 m	Reddish brown silty clay
26	1.5 m x 3.0 m	0.40 m	Reddish brown silty clay
27	1.5 m x 3.0 m	0.35 m	Reddish brown silty clay
28	1.5 m x 3.0 m	0.35 m	Reddish brown silty clay
29	1.5 m x 3.0 m	0.35 m	Reddish brown silty clay
30	1.5 m x 3.0 m	0.40 m	Reddish brown silty clay frequent stones throughout
32	1.5 m x 3.0 m	0.22 m	Reddish orange gravelly gritty clay with Frequent rounded stones
33	1.5 m x 3.0 m	0.36 m	Pinkish orange light brown gritty silty clay
34	1.5 m x 3.0 m	0.38 m	Reddish pink stoney silty clay
35	1.5 m x 3.0 m	0.32 m	Pinkish orange light brown silty clay with frequent pebbles
36	1.5 m x 3.0 m	0.27 m	Pinkish brown silty clay with frequent rounded and angular stones throughout
37	1.5 m x 3.0 m	0.32 m	Pinkish orange light brown gritty silty clay
38	1.5 m x 3.0 m	0.28 m	Pinkish brown sandy grit
39	1.5 m x 3.0 m	0.29 m	Pinkish brown sandy grit
41	1.5 m x 3.0 m	0.20 m	Brown gritty sand
43	1.5 m x 3.0 m	0.08 m	Very stoney light brown gravels
45	1.5 m x 3.0 m	0.29 m	Bright orange silt with frequent small rounded stones

46	1.5 m x 3.0 m	0.30 m	Mid orange brown silt with frequent small rounded stones
47	1.5 m x 3.0 m	0.30 m	Mid orange brown silty clay with frequent gravels
48	1.5 m x 3.0 m	0.30 m	Orange yellow clay silt
49	1.5 m x 3.0 m	0.30 m	Orange clay silt
50	1.5 m x 3.0 m	0.30 m	Orange yellow clay silt
51	1.5 m x 3.0 m	0.30m	Orange light brown clay silt
52	1.5 m x 3.0 m	0.36 m	Light brown sandy clay
53	1.5 m x 3.0 m	0.30 m	Mid brownish orange gravels
54	1.5 m x 3.0 m	0.30 m	Bright orange silty sand
55	1.5 m x 3.0 m	0.44 m	Mid brown sandy clay with fine gravels
56	1.5 m x 3.0 m	0.30 m	Yellowish light brown sand
57	1.5 m x 3.0 m	0.40 m	Very compact light brownish orange silty sand
58	1.5 m x 3.0 m	0.30 m	Orange silty clay
59	1.5m x 3.0 m	0.25 m	Orange yellow sand with sub angular stones throughout
60	0.75 m x 3.0 m	0.35 m	Very compact yellowish brown silty clay
61	1.2 m x 3.0 m	0.44 m	Yellowish brown silt with frequent angular stones
63	1.5 m x 3.0 m	0.44 m	Dark brown loose clay
64	1.5 m x 3.0 m	0.37 m	Orange yellow silt
65	1.5 m x 3.0 m	0.50 m	Light brown clay
74	1.5 m x 3.0 m	0.35 m	Yellow grey sand with frequent rounded stones
75	1.5 m x 3.0 m	0.45 m	Grey green clay with silty pockets
76	1.5 m x 3.0 m	0.22 m	Grey brown gravels with frequent angular stones
77	1.5 m x 3.0 m	0.34 m	Orange grey clays with frequent gravels
78	1.5 m x 3.0 m	0.32 m	Yellow grey silty clay
80	1.5 m x 3.0 m	0.30 m	Light brown silty clay
82	1.5 m x 3.0 m	0.22 m	Mid brown gravelly clay with frequent rounded / sub rounded stones throughout
85	1.5 m x 3.0 m	0.30 m	Very light brown compact clay with frequent sub rounded stones
90	1.5 m x 3.0 m	1.4 m	Grey clay with rounded sub angular stones throughout
92	1.5 m x 3.0 m	0.14 m	Med brown silty clay
93	1.5 m x 3.0 m	0.46 m	Yellowish brown clay
94	1.5 m x 3.0 m	0.30 m	Brownish yellow sandy silt
95	1.5 m x 3.0 m	0.44 m	Brownish yellow sandy silt
96	1.5 m x 3.0 m	0.40 m	Grey silty gravelly clay with some angular stones
97	1.5 m x 3.0 m	0.44 m	Mid yellowish grey silt
98	1.5 m x 3.0 m	0.27 m	Red yellowish brown clay silt with gravels

99	1.5 m x 3.0 m	0.20 m	Light grey /red sgrey clay with gravels
100	1.5 m x 3.0 m	0.45 m	Light yellow brown clay grav
101	1.5 m x 3.0 m	0.35 m	Light reddish grey clay with gravels
102	1.5 m x 3.0 m	0.40 m	Light yellowish brown clay with occasional stones throughout
103	1.5 m x 3.0 m	0.40 m	Light yellowish brown clay with occasional stones
105	1.5 m x 3.0 m	0.40 m	Grey compact silt with frequent small stones
106	1.5 m x 3.0 m	0.38 m	Grey orange clay silt
107	1.5 m x 3.0 m	0.50 m	Light brown clay gravels
108	1.5 m x 3.0 m	0.44 m	Light orange brown fine gravels and angular stones
109	1.5 m x 3.0 m	0.30 m	Light brownish orange clay silt
110	1.5 m x 3.0 m	0.40 m	Light brown compact sandy silt with frequent angular cobbles throughout
111	1.5 m x 3.0 m	0.55 m	Grey orange silt with some rounded stones
112	1.5 m x 3.0 m	0.25 m	Light orange brown gritty sand with angular Stones throughout
113	1.5 m x 3.0 m	0.45 m	Light brown orange loose gritty silt frequent larger rounded stones
114	1.5 m x 3.0 m	0.40 m	Orange light brown silt with frequent angular Stones throughout
115	1.5 m x 3.0 m	0.65 m	Grey grit with frequent angular boulders
116	1.5 m x 3.0 m	0.30 m	Grey brown silty sand
118	1.5 m x 3.0 m	0.70m	Blue grey clay
121	1.5 m x 3.0 m	0.50 m	Mid orange brown gravels
122	1.5 m x 3.0 m	0.25 m	Light brown gravelly silt
122A- Soak Away	0.6 m x 2.0 m	0.25 m	Yellowish light brown silty gravel
123	1.5 m x 3.0 m	0.30 m	Yellow orange brown silt
123A- Soak Away	0.6 m x 2.0 m	0.30m	Yellow orange brown silt with frequent rounded pebbles
124	1.5 m x 3.0 m	0.30 m	Orange silt with frequent rounded pebbles
125	1.5 m x 3.0 m	0.30 m	Medium brown compact boulders within silty gravel
126	1.5 m x 3.0 m	0.35 m	Yellowish bright brown sandy silt
127	1.5 m x 3.0 m	0.30 m	Loose orange silt with frequent angular stones
128	1.5 m x 3.0 m	0.32 m	Very compact grey silt
129	1.5 m x 3.0 m	0.32 m	Grey orange mottled silty gravels
130	1.5 m x 3.0 m	0.32 m	Grey orange mottled silt and gravels with frequent boulders
131	1.5 m x 3.0 m	0.32 m	Grey silty clay
132	1.5 m x 3.0 m	0.40 m	Grey clay with frequent boulders
133	1.5 m x 3.0 m	0.35 m	Grey clay with frequent boulders
134	1.5 m x 3.0 m	0.32 m	Yellowish brown clay silty sand
135	1.5 m x 3.0 m	0.34 m	Grey yellow silty clay

136	1.5 m x 3.0 m	2.00 m	Grey blue clay
137	1.5 m x 3.0 m	1.25 m	Grey blue clay
138	1.5 m x 3.0 m	1.30 m	Grey blue clay
139	1.5 m x 3.0 m	0.80 m	Grey blue clay
140	1.5 m x 3.0 m	0.90 m	Grey clay
141	2.2 m x 3.0 m	0.30 m	Brown sandy silt with numerous sub angular stones
142	2.2 m x 3.0 m	0.30 m	Brown loose sandy clay
143	2.2 m x 3.0 m	0.30 m	Brown/grey silty sand with occasional small stones
144	2.2 m x 3.0 m	0.30 m	Grey sandy clay
145	2.2 m x 3.0 m	0.30 m	Orange sandy silt with sub angular stones
146	2.2 m x 3.0 m	0.30 m	Pale grey sandy silt and occasional sub angular stones
147	2.2 m x 3.0 m	0.30 m	Well sorted loose friable brown loam
148	2.2 m x 3.0 m	0.30 m	Pale brown sandy clay with frequent small to large sub angular stones
149	2.2 m x 3.0 m	0.30 m	Pale brown sandy clay with small to medium boulders
150	2.2 m x 3.0 m	0.30 m	Pale brown sandy clay with small to medium boulders
151	2.2 m x 3.0 m	0.40 m	Pale brown sandy clay with numerous small to medium boulders
152	2.2 m x 3.0 m	0.35 m	Pale brown sandy clay with boulders
153	2.2 m x 3.0 m	0.35 m	Pale brown sandy clay
154	1.0 m x 3.0 m	0.38 m	Compact orange grey mottled clay
155	2.2 m x 3.0 m	0.30 m	Pale brown sandy clay
156	2.2 m x 3.0 m	0.30 m	Stoney sandy subsoil
157	2.2 m x 3.0 m	0.30 m	Stoney sandy subsoil
158	1.0 m x 3.0 m	0.55 m	Stoney sandy subsoil
159	2.2 m x 3.0 m	0.50 m	Stoney sandy subsoil
160	1.0 m x 2.5 m	0.38 m	Light brown orange silt
161	1.3 m x 3.0 m	0.30 m	Yellowish brown gravels
162	1.5 m x 2.5 m	0.25 m	Orange clay silt with frequent gravels
163	0.8 m x 1.2 m	0.20 m	Yellow orange sandy cobble silt
164	1.0 m x 3.0 m	0.40 m	Grey compact clay
165	1.0 m x 3.0 m	0.28 m	Light brown gritty sandy silt with frequent large stones
166	1.0 m x 3.0 m	0.60 m	Grey clay silt with very frequent pebbles
167	1.2 m x 3.0 m	0.20 m	Orange gritty gravels
169	1.0 m x 3.0 m	0.30 m	Grey silty clay
171	1.0 m x 3.0 m	0.35 m	Grey yellow mottled silt
172	1.0 m x 3.0 m	0.30 m	Grey clay silt with sandy pockets and frequent angular stones
173	2.5 m x 3.0 m	0.36 m	Grey clay
174	1.5 m x 3.0 m	0.30 m	Grey clay

175	1.5 m x 2.5 m	0.30 m	Grey silty clay
176	1.0 m x 3.0 m	0.30 m	Sandy silty gravels
186	2.0 m x 3.0 m	0.20 m	Mid orange brown soft sand with moderate stones
187	1.5 m x 3.0 m	0.20 m	Mid red brown friable clay sand with moderate stones
188	2.0 m x 3.0 m	0.20 m	Mid orange brown soft sand with moderate stones
189	1.2 m x 3.0 m	0.15 m	Light grey brown friable sandy clay with moderate stones
191	2.2 m x 3.0 m	0.20 m	Pale brown sandy clay
192	2.2 m x 3.0 m	0.20 m	Pale brown sandy clay
193	2.2 m x 3.0 m	0.30 m	Grey sandy clay with numerous medium large boulders
194	2.2 m x 3.0 m	0.10 m	Grey clay
196	2.2 m x 3.0 m	0.20m	Grey sandy clay with occasional sub rounded boulders
197	2.2 m x 3.0 m	0.30 m	Grey sandy clay with occasional sub rounded boulders
198	1.5 m x 3.0 m	0.40 m	Very light grey sandy cay with frequent stones
199	1.0 m x 3.0 m	0.30 m	Very light grey sandy cay with frequent stones
200	1.0 m x 3.0 m	0.45 m	Light brown sandy clay with frequent stones
201	1.0 m x 3.0 m	0.25 m	Light grey brown sandy clay
202	1.0 m x 3.0 m	0.25 m	Light grey brown friable sandy clay with frequent stones
203	1.0 m x 3.0 m	0.30 m	Light grey brown sandy clay with frequent stones
204	1.0 m x 3.0 m	0.30 m	Very light grey brown friable sandy clay with moderate stones
205	1.0 m x 3.0 m	0.30 m	Light grey brown sandy clay
206	2.2 m x 3.0 m	0.25 m	Pale grey sandy clay
207	2.2 m x 3.0 m	0.25 m	Pale grey sandy clay
208	2.2 m x 3.0 m	0.25 m	Pale grey sandy clay
209	2.2 m x 3.0 m	0.30 m	Soft grey sandy silt with occasional sub rounded boulders
209A Soak away	2.5 x 0.3 m	0.30 m	Soft grey sandy silt with occasional sub rounded boulders
210	2.2 m x 3.0 m	0.30 m	Grey sandy clay
211	2.2 m x 3.0 m	0.30 m	Pale grey clay
212	2.2 m x 3.0 m	0.20 m	Grey clay sand
213	2.2 m x 3.0 m	0.30 m	Grey sandy clay with numerous small boulders
214	2.2 m x 3.0 m	0.20 m	Grey clay sand
215	2.2 m x 3.0 m	0.30 m	Pale brown sandy clay with numerous small sub rounded boulders
216	2.2 m x 3.0 m	0.30 m	Pale brown sandy clay

217	2.2 m x 3.0 m	0.25 m	Pale grey clay sand
217A Soak away	2.3 m x 0.3 m	0.25 m	Pale grey clay sand
218	2.2 m x 3.0 m	0.30 m	Grey sandy clay
219	2.2 m x 3.0 m	0.30 m	Pale brown yellow sandy clay with gravels
220	2.2 m x 3.0 m	0.20 m	Pale brown yellow sandy clay with gravels
221	2.2 m x 3.0 m	0.70 m	Pale brown sandy clay
222	2.2 m x 3.0 m	0.40 m	Pale brown sandy silt
223	2.2 m x 3.0 m	0.30 m	Pale sandy clay
224	2.2 m x 3.0 m	0.20 m	Pale grey brown sandy clay with numerous sub angular stones
225	2.2 m x 3.0 m	0.10 m	Pale brown sandy clay
226	2.2 m x 3.0 m	0.30 m	Orange grey sandy clays with frequent gravels
227	2.2 m x 3.0 m	0.30 m	Orange grey sandy clays with frequent gravels
228	2.2 m x 3.0 m	0.30 m	Orange grey sandy clays
229	2.2 m x 3.0 m	0.20 m	Pale grey brown sandy clay with numerous sub angular stones
230	2.2 m x 3.0 m	0.20 m	Pale grey brown sandy clay with numerous sub angular stones
231	2.2 m x 3.0 m	0.20 m	Pale brown sandy clay
232	1.7 m x 3.0 m	0.20 m	Light grey brown sandy clay
233	3.0 m x 3.0 m	0.35 m	Pale orange brown sandy clay
234	1.7 m x 3.0 m	0.30 m	Light grey brown sandy clay
235	2.2 m x 3.0 m	0.30 m	Pale brown sandy loam
236	1.5 m x 3.0 m	2.00 m	Grey blue clay
237	1.5 m x 3.0 m	0.80 m	Very light yellow grey sandy clay with moderate stones
238	1.0 m x 3.0 m	0.30 m	Mid red brown soft clay sand with moderate stones
239	1.8 m x 3.0 m	0.20 m	Mid brown peaty sand over light grey brown clayey sand with moderate stones
240	1.0 m x 3.0 m	0.10 m	Very light grey brown friable clay sand with moderate stones
241	1.5m x 3.0 m	0.20 m	Light grey brown friable sandy clay with moderate stones
242	1.2 m x 3.0 m	0.15 m	Mid grey brown sandy clay
243	1.0 m x 3.0 m	0.40 m	Light grey brown sandy clay with moderate stones
244	1.2 m x 3.0 m	0.30 m	Light grey brown friable sandy clay with moderate stones
245	1.0 m x 3.0 m	0.15 m	Light grey brown sandy clay with moderate small-medium stones
246	1.0 m x 3.0 m	0.20 m	Light grey sandy clay friable with moderate stones
247	1.8 m x 3.0 m	0.67 m	Light grey clay with moderate stones
248	1.5 m x 3.0 m	0.32 m	Mid grey sandy clay soft with moderate small



			stones
249	1.2 m x 3.0 m	0.32 m	Light grey brown sandy clay with frequent stones
250	1.2 m x 3.0 m	0.28 m	Light grey brown sandy clay friable occasional with small medium stones
251	1.5 m x 3.5 m	0.50 m	Mid grey brown sandy clay with frequent small medium stones
252	1.3 m x 3.0 m	0.27 m	Light red brown sand over light grey brown sandy clay
253	1.2 m x 3.0 m	0.32 m	Very dry and friable light orange brown clay sand
254	1.3 m x 3.0 m	0.28 m	Very dry and friable light orange brown clay sand
255	1.2 m x 3.0 m	0.34 m	Light orange grey friable sandy clay with frequent small medium stones
256	1.5 m x 3.0 m	0.20 m	Very stoney light orange grey sandy clay with moderate stones
257	1.0 m x 3.0 m	0.26 m	Light orange brown sandy clay with frequent stones
258	1.5 m x 3.0 m	0.25 m	Light grey orange silty clay with large boulders
259	1.5 m x 3.0 m	0.48 m	Light grey brown friable sandy clay with moderate stones
260	1.5 m x 3.0 m	0.38 m	Light grey brown friable sandy clay with moderate stones
261	1.2 m x 3.0 m	0.35 m	Light orange grey sandy clay with moderate stones
262	1.0 m x 3.0 m	0.42 m	Light yellow brown sandy silt
263	1.0 m x 3.0 m	0.55 m	Mid brown grey yellow mottled sandy silt
264	1.0 m x 2.0 m	0.30 m	Grey brown clay with angular stones present throughout
265	1.0 m x 2.0 m	0.41 m	Yellow grey gravelly clay
266	1.0 m x 3.0 m	0.25 m	Very stoney yellow orange gravel with pockets of silt throughout
267	1.0 m x 3.0 m	0.35 m	Light yellow brown clay silt with boulders
268	1.0 m x 3.0 m	0.32 m	Yellowish brown clay with pockets of gravels
269	1.0 m x 3.0 m	0.30 m	Light red brown clay silt with boulders
270	1.0 m x 3.0	0.31 m	Light grey brown sandy clay with moderate to small stones throughout
271	1.5 m x 3.0 m	0.45 m	Light red grey mottled sandy clay with frequent small -medium stones throughout
272	1.5 m x 3.0 m	0.40 m	Light red grey mottled sandy clay with frequent small -medium stones throughout
273	1.1 m x 3.0 m	0.20 m	Light red grey mottled sandy clay with frequent small -medium stones throughout
274	1.5 m x 3.0 m	0.35 m	Light orange grey very sandy clay with moderate to small stones throughout
275	1.3 m x 3.0 m	0.32 m	Light orange grey very sandy clay with moderate to small stones throughout
276	1.5 m x 3.0 m	0.35 m	Light red grey mottled sandy clay with

			frequent small -medium stones throughout
277	1.5 m x 3.0 m	0.38 m	Light grey brown sandy clay with moderate to small stones throughout
278	1.7 m x 3.0 m	0.32 m	Light grey orange silty clay with large boulders
279	1.5 m x 3.0 m	0.32 m	Light grey brown sandy clay with moderate to small stones throughout
280	1.7 m x 3.0 m	0.40 m	Light grey brown sandy clay with moderate small to medium stones
281	1.3 m x 3.0 m	0.32 m	Light yellow brown sandy silt with moderate small stones
282	1.7 m x 3.0 m	0.30 m	Light brown orange clay
284	1.0 m x 3.0 m	0.64 m	Grey brown gritty gravel
285	0.9 m x 3.0 m	0.30 m	Mid yellow sandy silt
286	1.0 m x 3.0 m	0.33 m	Yellow sand
287	1.0 m x 3.0 m	0.27 m	Grey yellow silty clay with frequent gravels and small stones
288	1.0 m 3.0 m	0.44 m	Grey blue marl
289	1.0 m x 3.0 m	0.44 m	Light brownish grey silty occasional clay with frequent gravels and large boulders
290	1.0 m x 3.0 m	0.20 m	Light reddish brown clay silt
291	1.0 m 3.0 m	0.25 m	Yellowish brown silty sand with frequent gravels and stones throughout
292	1.0 m 3.0 m	0.21 m	Grey clay
293	1.0 m x 3.0 m	0.31 m	Very light brown gravelly clay
301	1.0 m x 3.0 m	0.30 m	Grey brown gritty silt
400	1.0 m x 3.0 m	0.32 m	Yellow grey mottled gravelly clay
9001	1.0 m x 3.0 m	0.30 m	Reddish brown silty clay
9002	1.0 m x 3.0 m	0.18 m	Reddish brown silty clay
9003	1.0 m x 3.0 m	0.32 m	Reddish brown silty clay with small pebbles throughout
9004	1.0 m x 3.0 m	0.70 m	Loose dark brown silty clay
9005	1.0 m x 3.0 m	0.50 m	Reddish brown silty clay with small pebbles throughout
9006	1.0 m x 3.0 m	0.80 m	Dark grey silty clay
9007	1.0 m x 3.0 m	0.65 m	Reddish brown silty clay with small pebbles throughout
9008	1.0 m x 3.0 m	0.50 m	Reddish brown silty clay with small pebbles throughout
9009	1.0 m x 3.0 m	0.40 m	Reddish brown silty clay
9010	1.0 m x 3.0 m	0.50 m	Reddish brown silty clay
9011	1.0 m x 3.0 m	0.50 m	Reddish brown silty clay with small pebbles throughout
9012	1.0 m x 3.0 m	1.10 m	Light brown silty clay with frequent pebbled throughout
9013	1.0 m x 3.0 m	0.80 m	Very compact reddish brown clay
9014	1.0 m x 3.0 m	0.90 m	Greyish brown sandy clay
9015	1.0 m x 3.0 m	0.50 m	Light brown silty clay with frequent pebbled

			throughout
9016	1.0 m x 3.0 m	0.75 m	Red smooth silty clay with few small stones

## APPENDIX 2: PHOTOGRAPHIC REGISTER

Colour slide and Black and White Film No.1

Frame No	Description
1	Trial pit 157 excavated to subsoil
2	Registration
3	Trial pit 156 excavated to subsoil
4	Trial pit 159
5	Trial pit 147
6	Trial pit 146
7	Trial pit 141
8	Trial pit 145
9	Trial pit 144
10	Trial pit 142
11	Trial pit 143
12	Trial pit 149
13	Trial pit 150
14	Trial pit 151
15	Trial pit 153
16	Trial pit 152
17	Trial pit 148
18	Trial pit 219
19	Trial pit 220
20	Trial pit 216
21	Trial pit 215
22	Trial pit 212
23	Trial pit 213
24	Trial pit 218
25	Trial pit 210
26	Trial pit 217
27	Trial pit 209
28	Trial pit 214
29	Trial pit 224
30	Trial pit 225
31	Trial pit 223
32	Trial pit 222
33	Trial pit 226

34	Trial pit 227
35	Trial pit 228
36	Trial pit 230
37	Trial pit 233
38	Trial pit 231

## Colour slide and Black and White Film No 2

Frame No	Description
0-2	Registration
3	Trial pit 235 excavated to subsoil
4	Trial pit 236
5	Trial pit 221
6	Trial pit 219
7	Trial pit 211
8	Trial pit 208
9	Trial pit 207
10	Trial pit 206
11	Trial pit 197
12	Trial pit 196
13	Trial pit 191
14	Trial pit 194
15	Trial pit 192
16	Trial pit 193
17	Trial pit 205
18	Trial pit 201
19	Trial pit 204
20	Trial pit 200
21	Trial pit 203
22	Trial pit 199
23	Trial pit 202
24	Trial pit 198
25	Trial pit 186
26	Trial pit 188
27	Trial pit 189
28	Trial pit 187
29	Trial pit 240
30	Trial pit 237
31	Trial pit 243
32	Trial pit 239
33	Trial pit 238
34	Trial pit 245

35	Trial pit 246
36	Trial pit 244
37	Trial pit 232
38	Trial pit 242

## Colour slide and Black and White Film No 3

Frame No	Description
1-2	Registration shots
3	Trial pit 251 excavated to subsoil
4	Trial pit 249
5	Trial pit 250
6	Trial pit 248
7	Trial pit 252
8	Trial pit 247
9	Trial pit 247
10	Trial pit 252
11	Trial pit 253
12	Trial pit 254
13	Trial pit 255
14	Trial pit 256
15	Trial pit 257
16	Trial pit 258
17	Trial pit 259
18	Trial pit 261
19	Trial pit 260
20	Trial pit 262
21	Trial pit 263
22	Trial pit 270
23	Trial pit 271
24	Trial pit 273
25	Trial pit 272
26	Trial pit 275

## Colour slide and Black and White Film No 4

Frame No	Description
1-2	Registration
3	Trial pit 274 excavated to subsoil
4	Trial pit 276
5	Trial pit 278
6	Trial pit 277

7	Trial pit 280
8-9	Trial pit 279

## Colour slide and Black and White Film No 5

Frame No	Description
1	Registration
2-3	Trial pit 282 excavated to subsoil
4-5	Trial pit 285
6-7	Trial pit 288
8-9	Trial pit 286
10-11	Trial pit 284
12-13	Trial pit 287
14-15	Trial pit 293
16-17	Trial pit 292
18-19	Trial pit 288
20-21	Trial pit 294
22-23	Trial pit 289

## Colour slide and Black and White Film No 6

Frame No	Description
1-2	Trial pit 290 excavated to subsoil
3-4	Trial pit 269
5-7	Registration
8-9	Trial pit 267
10-11	Trial pit 102
12-13	Trial pit 100
14-15	Trial pit 98
16-17	Trial pit 101
18	Trial pit 98
19-20	Trial pit 99

## Colour slide and Black and White Film No 7

Frame No	Description
1-2	Registration
3-4	Trial pit 97 excavated to subsoil
5-6	Trial pit 95
7-8	Trial pit 96
9-10	Trial pit 94
11-12	Trial pit 80

13-14	Trial pit 80
15-16	Trial pit 75
17-18	Trial pit 78
19-20	Trial pit 77
21-22	Trial pit 59

## Colour slide and Black and White Film No 8

Frame No	Description
1-2	Registration
3-4	Trial pit 58 excavated to subsoil
5-6	Trial pit 85
7-8	Registration
9-10	Trial pit 268
11-12	Trial pit 400
13-14	Trial pit 266
15-16	Trial pit 265
17-18	Trial pit 264
19-20	Trial pit 82
21-22	Trial pit 61
23-24	Trial pit 57
25-16	Trial pit 60
27-28	Trial pit 54
29-30	Trial pit 56
31-32	Trial pit 53
33-34	Trial pit 55

## Colour slide and Black and White Film No 9

Frame No	Description
1-2	Registration
3-4	Trial pit 51 excavated to subsoil
5-6	Trial pit 52
7-8	Trial pit 50
9-10	Trial pit 64
11-12	Trial pit 48
13-14	Trial pit 49
15-16	Trial pit 63
17-18	Trial pit 75
19-20	Trial pit 164
21-22	Trial pit 158
23-24	Trial pit 166

25-16	Trial pit 162
27-28	Trial pit 154
29-30	Trial pit 161
31-32	Trial pit 171
33-34	Trial pit 176
35	Trial pit 169

## Colour slide and Black and White Film No 10

Frame No	Description
1-2	Trial pit 174 excavated to subsoil
3	Trial pit 175
4	Registration
5	Trial pit 64
6	Trial pit 173
7	Trial pit 132
8	Trial pit 133
9	Trial pit 173A
10	Trial pit 140
11	Trial pit 172
12	Trial pit 139
13-14	Trial pit 116
15-16	Trial pit 122
17-18	Trial pit 138
19-20	Trial pit 137
21-22	Trial pit 123
23-24	Trial pit 136
25-26	Trial pit 135
27-28	Trial pit 135A
29-30	Trial pit 118

## Colour slide and Black and White Film No 11

Frame No	Description
1-2	Trial pit 121 excavated to subsoil
3-4	Registration
5-6	Trial pit 134
7-8	Trial pit 126
9-10	Trial pit 129
11-12	Trial pit 131
13-14	Trial pit 122 A
15-16	Trial pit 123 A



17-18	Trial pit 124
19-20	Trial pit 130
21-22	Trial pit 125
23-24	Trial pit 163
25-26	Trial pit 160
27-28	Trial pit 127
29-30	Trial pit 167
31-32	Trial pit 165
33-34	Trial pit 128
35	Trial pit 74

## Colour slide and Black and White Film No 12

Frame No	Description
1-2	Registration
3-4	Trial pit 93 excavated to subsoil
5-6	Trial pit 92

## Colour slide and Black and White Film No 13

Frame No	Description
1-2	Registration
3	Trial pit 9003 excavated to subsoil
4	Trial pit 9002
5	Trial pit 9001
6	Trial pit 9004
7	Trial pit 9005
8	Trial pit 9006 A
9	Trial pit 9006 B
10	Trial pit 9007
11	Trial pit 9008
12	Trial pit 9009
13	Trial pit 9010
14	Trial pit 9011
15	Trial pit 9012
16	Trial pit 9012
17	Trial pit 9013
18	Trial pit 9015
19	Trial pit 9015 A
20	Trial pit 16
21	Trial pit 16 A
22	Trial pit 25

23	Trial pit 26
24	Trial pit 27
25	Trial pit 28
26	Trial pit 30
27	Trial pit 29
31	Trial pit 43
32	Trial pit 45
33	Trial pit 41

## Colour slide and Black and White Film No 14

Frame No	Description
0	Registration
1	Trial pit 39 excavated to subsoil
2	Trial pit 38
3	Trial pit 37
4	Trial pit 36
5	Trial pit 35
6	Trial pit 33
7	Trial pit 32
8	Trial pit 34
9	Trial pit 46
10	Trial pit 47

## Colour slide and Black and White Film No 15

Frame No	Description
1	Registration
2	Trial pit 23
3	Trial pit 24
4	Trial pit 20
5	Trial pit 22
6	Trial pit 22 A
7	Trial pit 19
8	Trial pit 18
9	Trial pit 18 A
10	Trial pit 17
11	Trial pit 15
12	Trial pit 14
13	Trial pit 13
14	Trial pit 11
15	Trial pit 12

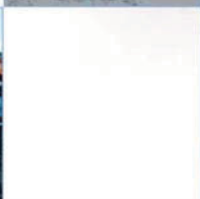
16	Trial pit 13 A
17	Trial pit 10
18	Trial pit 7
19	Trial pit 8
20	Trial pit 9
21	Trial pit 9 A
22	Trial pit 6
23	Trial pit 103
24	Trial pit 104
25	Trial pit 105
26	Trial pit 106
27	Trial pit 107
28	Trial pit 108
29	Trial Pit 111
30	Trial Pit 109
31	Trial pit 110
32	Trial pit 115
33	Trial pit 114
34	Trial pit 113
35	Trial pit 112
36	Trial pit 9014

#### Colour Slide and Black and White Film No 16

Frame No	Description
1	Registration
2	Trial pit 04
3	Trial pit 9016
4	Trial pit 01
5	Trial pit 03
6	Soak away 01A
7	Soak away 03A
8	Trial pit 02
9	Soak away 05
10	Soak away 209A
11	Soak away 217A

## APPENDIX 3: DISCOVERY AND EXCAVATION IN SCOTLAND REPORT

<b>LOCAL AUTHORITY:</b>	Aberdeenshire Council
<b>PROJECT TITLE/SITE NAME:</b>	AWPR Fastlink, Stonehaven Watching Brief
<b>PROJECT CODE:</b>	AOC 21111
<b>PARISH:</b>	Fetteresso, Maryculter, Banchory-Devenick
<b>NAME OF CONTRIBUTOR:</b>	Sarah Lynchehaun
<b>NAME OF ORGANISATION:</b>	AOC Archaeology Group
<b>TYPE(S) OF PROJECT:</b>	Archaeological Watching Brief
<b>NMRS NO(S):</b>	None
<b>SITE/MONUMENT TYPE(S):</b>	None
<b>SIGNIFICANT FINDS:</b>	None
<b>NGR</b>	From NO 87181 87466 to NO 86592 98292
<b>START DATE (this season)</b>	14 <sup>th</sup> July 2008
<b>END DATE (this season)</b>	21 <sup>st</sup> October 2008
<b>PREVIOUS WORK (incl. DES ref.)</b>	None
<b>MAIN DESCRIPTION: (May include information from other fields)</b>	An archaeological watching brief was undertaken on the excavation of 300 SI trial pits along the proposed 10 mile route of the AWPR Fastlink corridor, Stonehaven, Aberdeenshire. No significant artefacts or features were uncovered during this phase of predevelopment works.
<b>PROPOSED FUTURE WORK:</b>	Yes, although not determined
<b>CAPTION(S) FOR ILLUSTRS:</b>	n/a
<b>SPONSOR OR FUNDING BODY:</b>	Norwest Holst
<b>ADDRESS OF MAIN CONTRIBUTOR:</b>	c/o AOC Archaeology Group
<b>EMAIL ADDRESS:</b>	admin@aocarchaeology.com



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