

454200

454400

454600

454800

204400

204400

204200

204200

204000

204000

203800

203800



© Copyright Getmapping plc

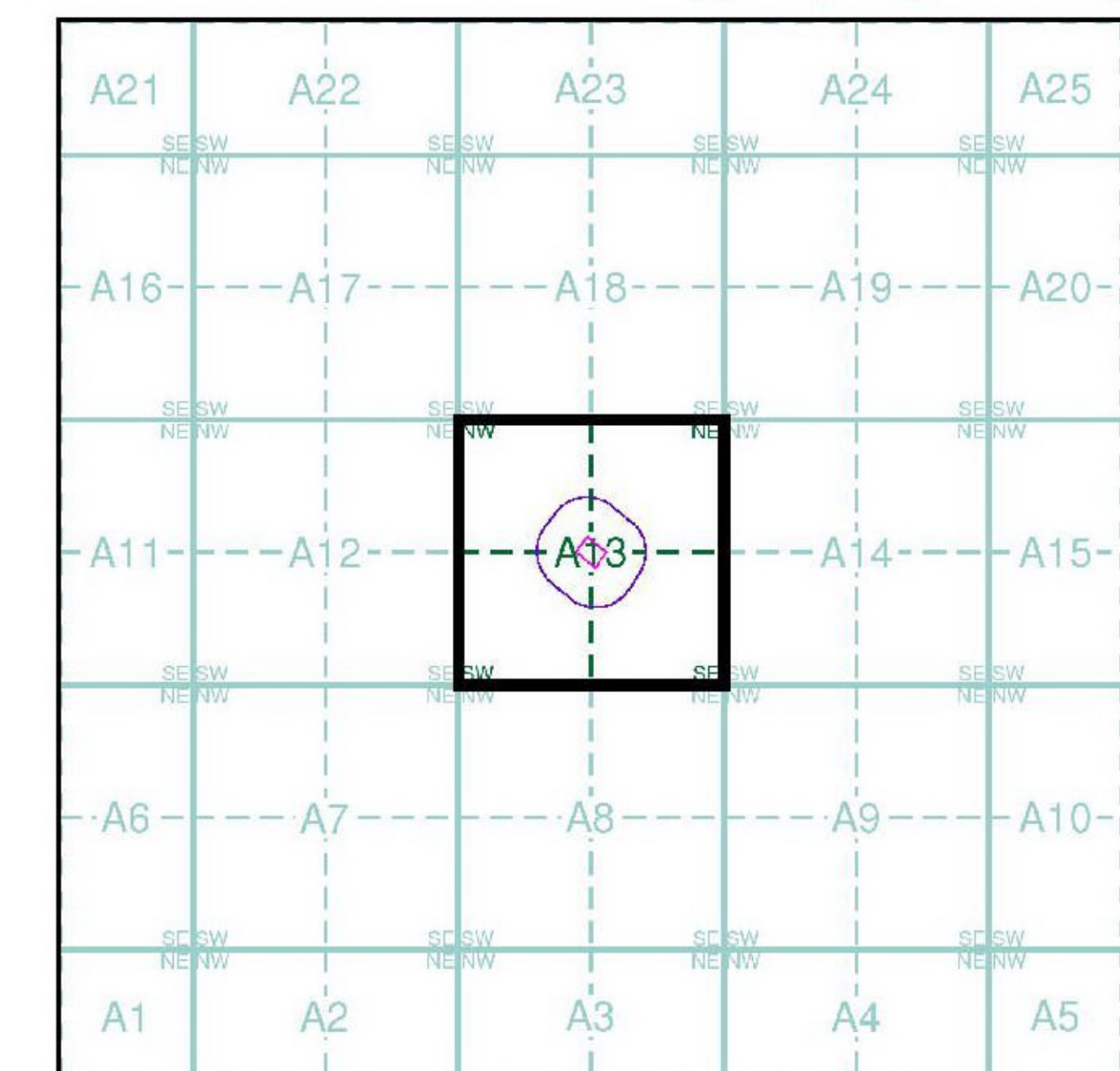
0 100 m

Historical Aerial Photography

Published 1999

This aerial photography was produced by Getmapping, these vertical aerial photographs provide a seamless, full colour survey of the whole of Great Britain

Historical Aerial Photography - Segment A13



Order Details

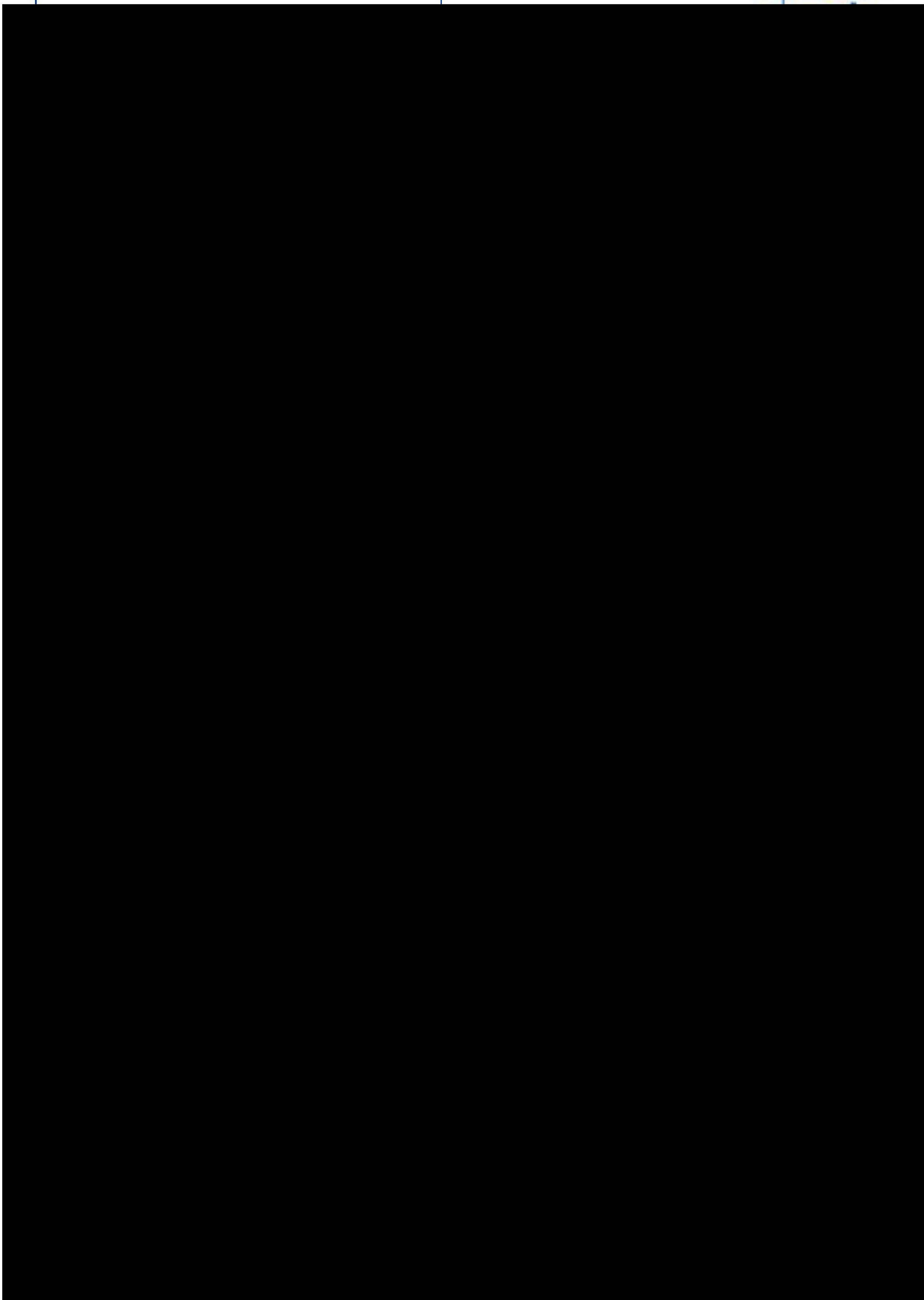
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 National Grid Reference: 454480, 204100
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 Site Area (Ha): 0.32
 Search Buffer (m): 100

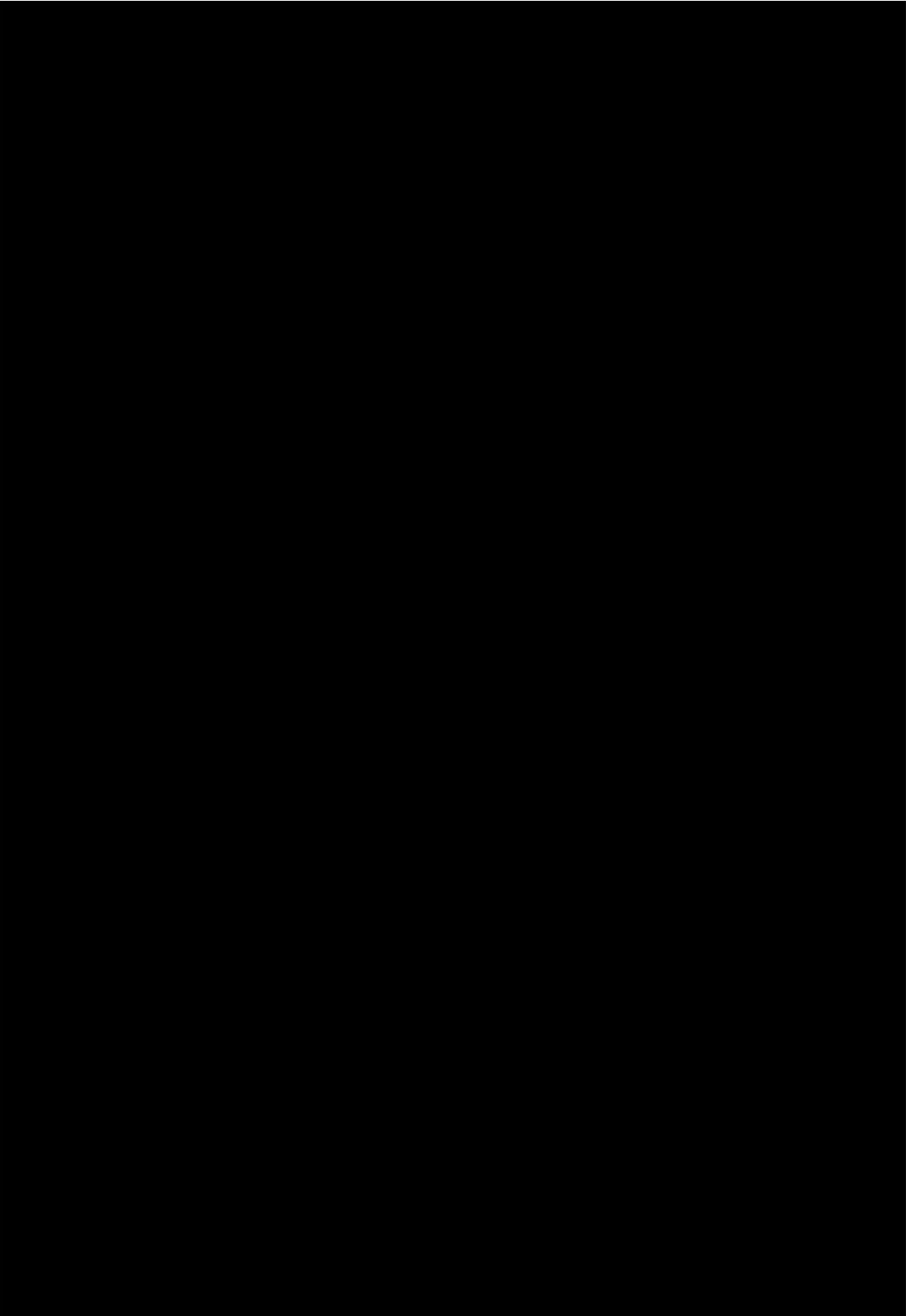
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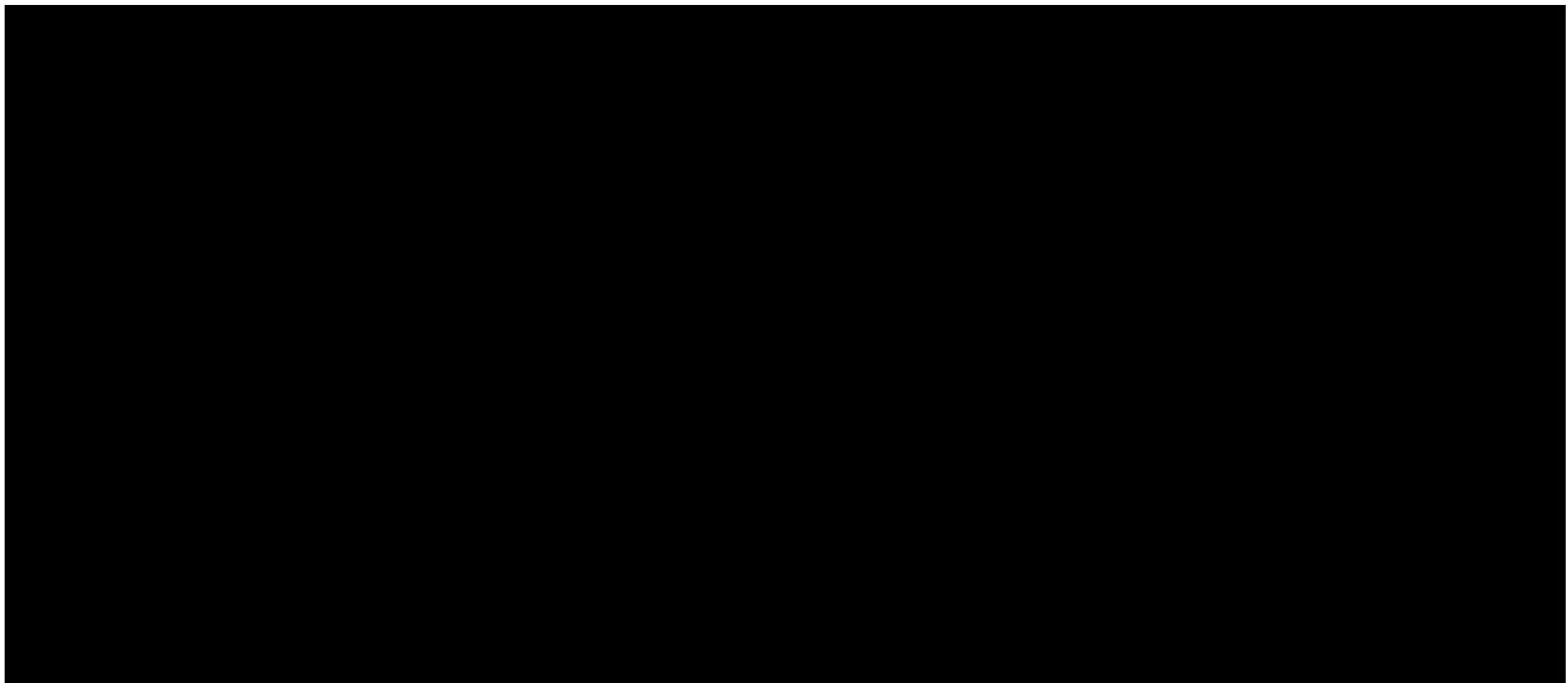
Former Conservative Club, Between Towns Road, OXFORD



Appendix E OCC Environmental Search





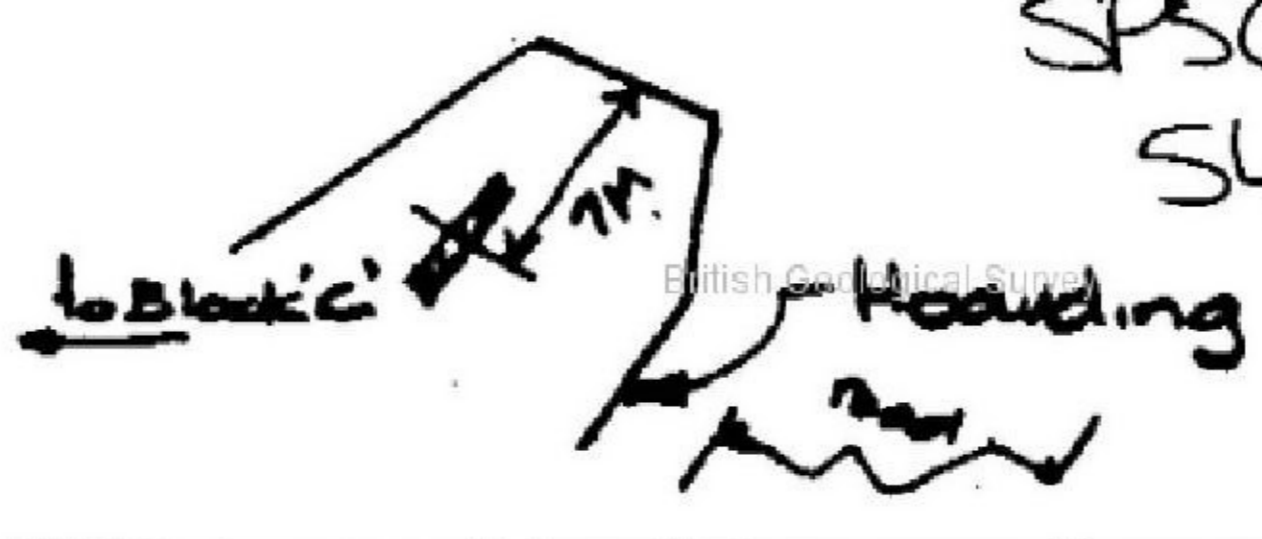




Appendix F BGS Borehole Records

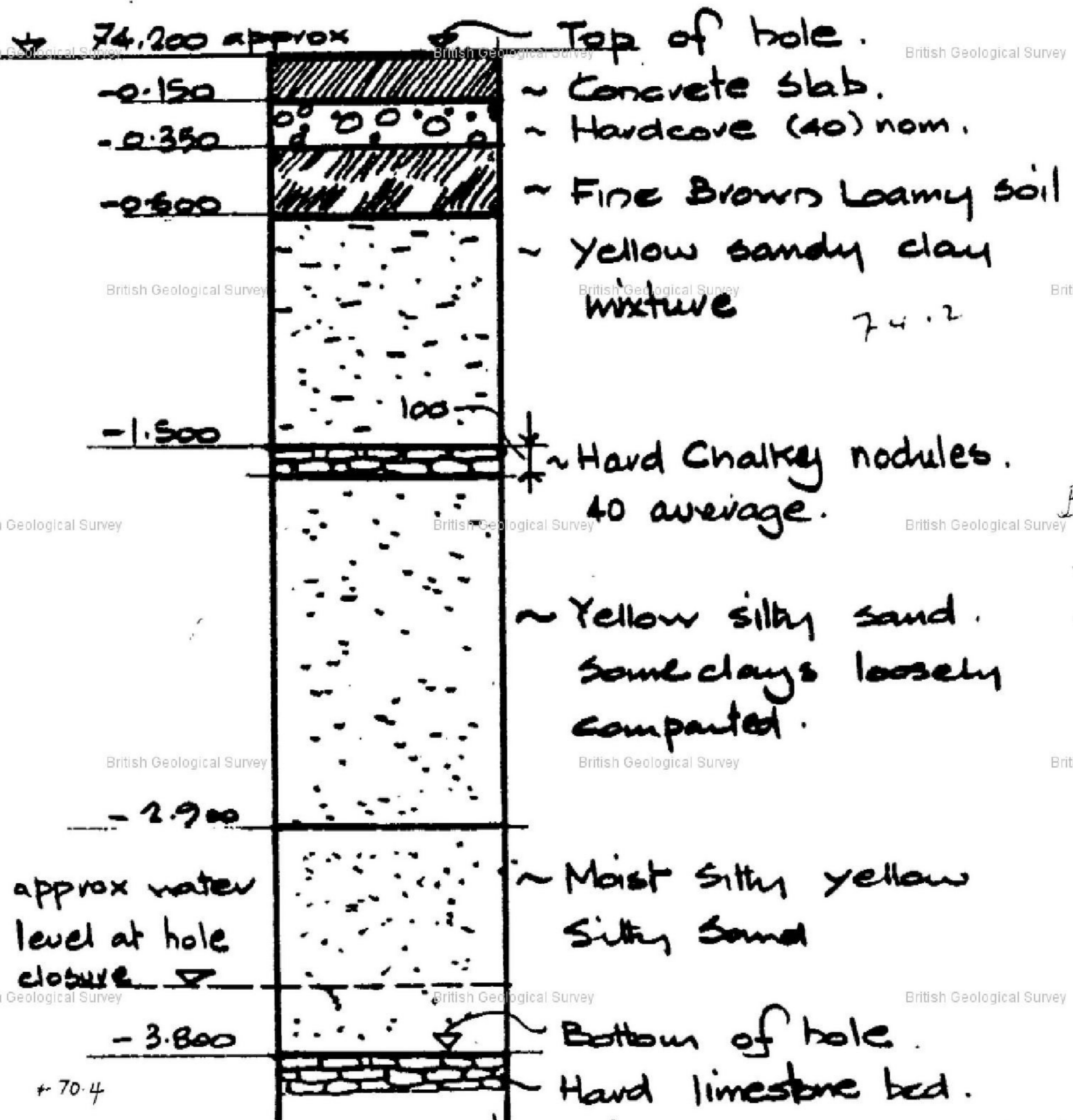
Title of Scheme **COWLEY PHASE 2 - TRIAL HOLE NO - 3**

Location



SP50SW 357
 S436 0401

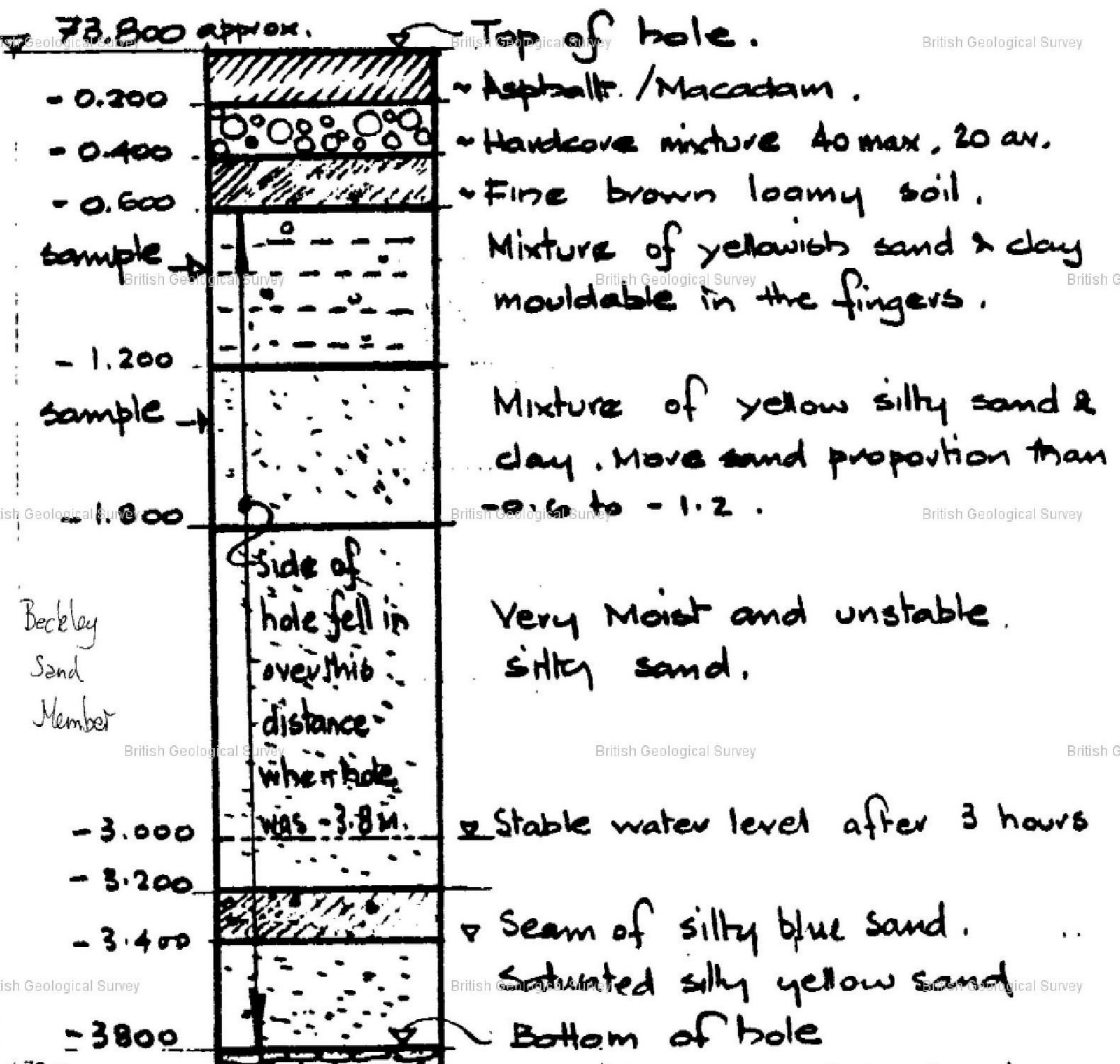
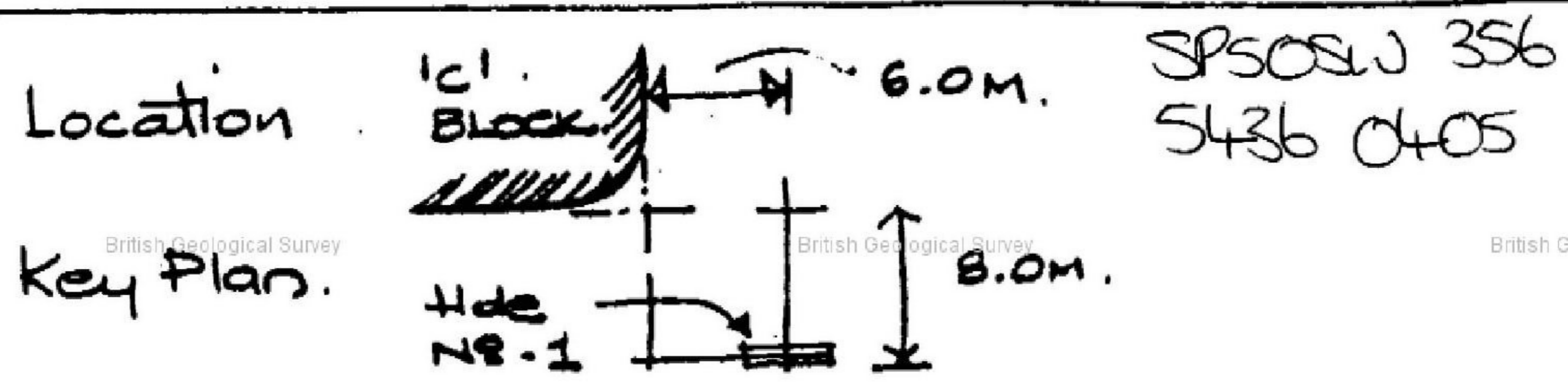
Key Plan



Water entered hole immediately 3.8M was reached similar to hole No-1. Water was continuing to enter the hole at closure after 30 minutes.

Beckley
 Sand
 Member

Title of Scheme COWLEY PHASE 2 - TRIAL HOLE NR 2



+78.0
A chalky hard layer was visible at -3.8M level and confirmed by probing full area of hole bottom.

White Young and Partners

CONSULTING ENGINEERS

Tel. Stevenage
04381

Sheet No. 2

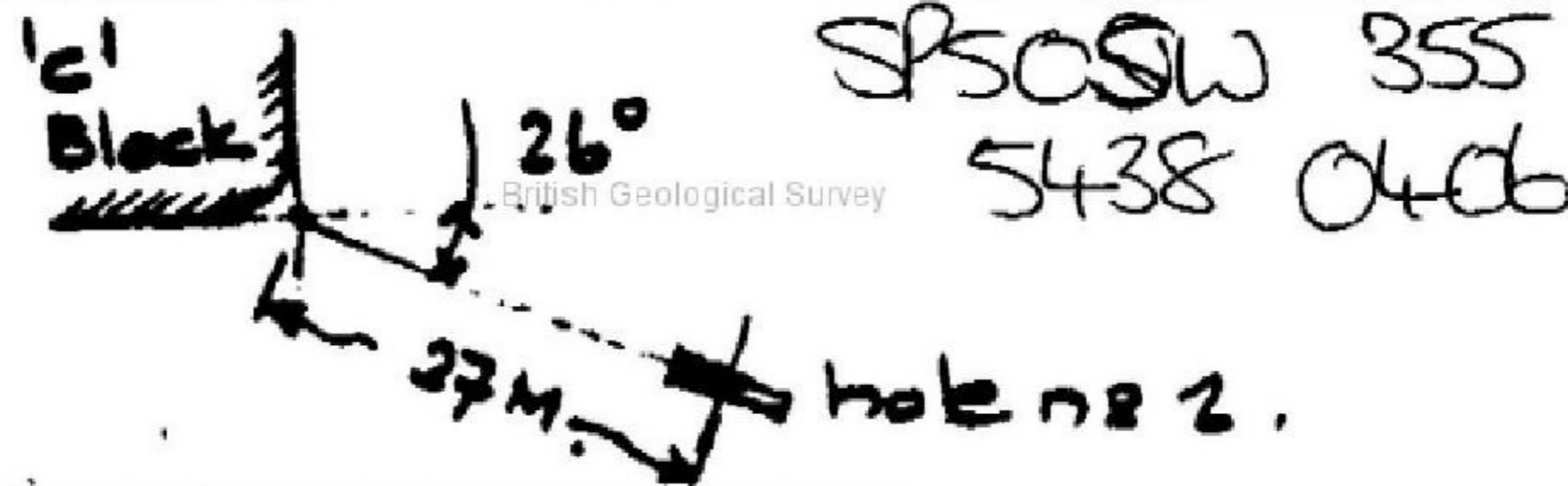
Prepared by GCS

Date MAR 82

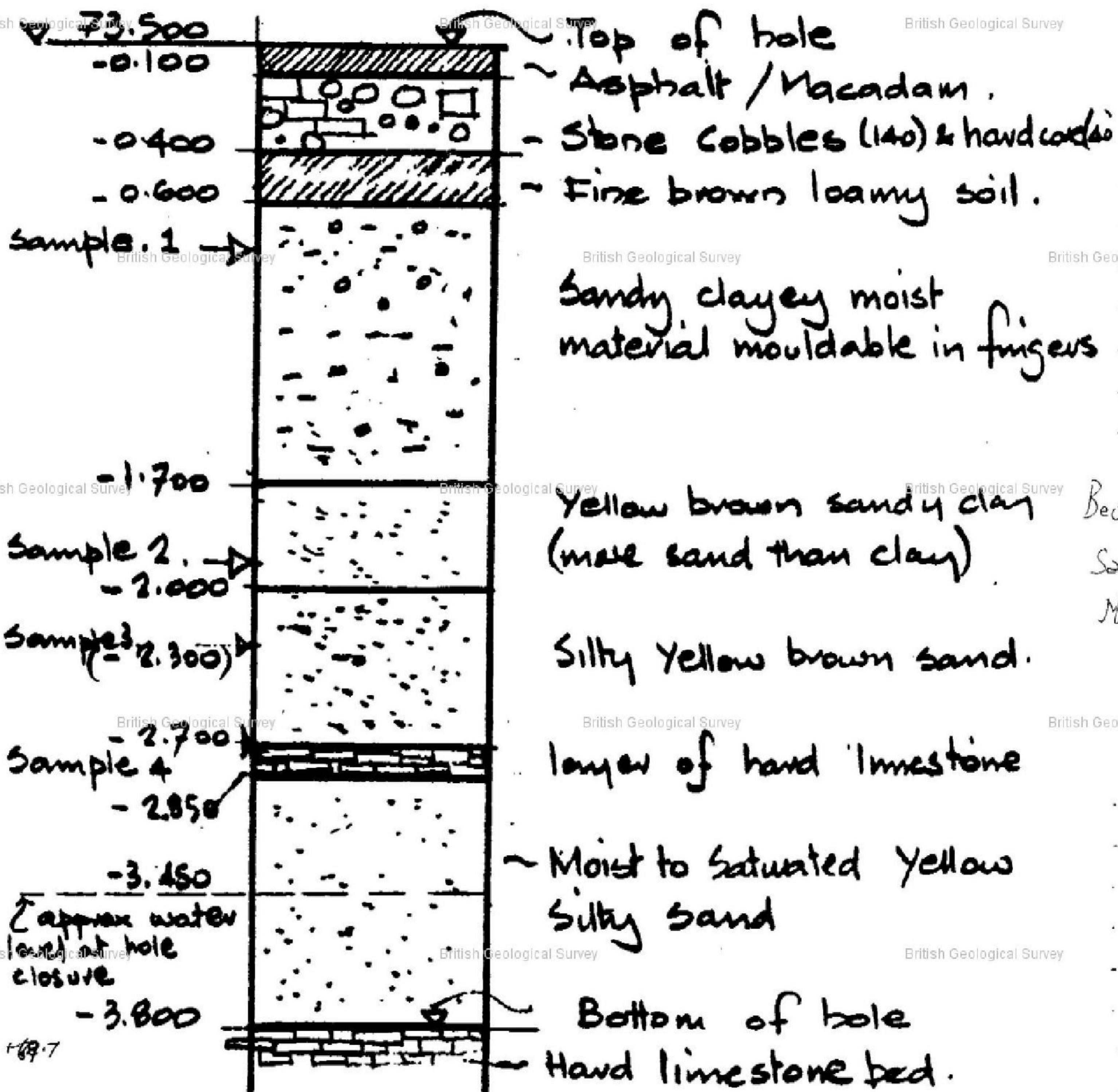
Title of Scheme COWLEY PHASE 2 - TRIAL HOLE NO 1

Job No. 31850

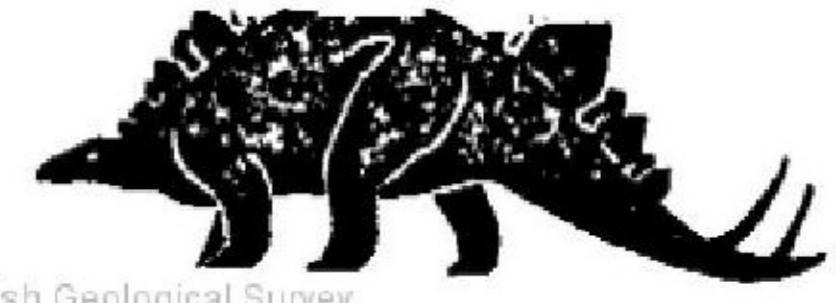
Location



Key Plan



water entered hole immediately 3.8 M was reached. similar to hole No - 1. Water was continuing to enter the hole at closure after 45 minutes



BOREHOLE LOG

5442 0416

British Geological Survey

British Geological Survey

British Geological Survey

CLIENT BEECHER STAMFORD ASSOCIATES

BOREHOLE No. A

GROUND LEVEL

SITE COWLEY CENTRE DEVELOPMENT

DATE 21.10.68

SCALE 0.2" : 1'0"

geological classification	description	level	core/sample	depth	thickness	S.P./vane test	depth to water
	Sandy top soil			1.3"	1.3"		
Beckley sands Concretion - Lower Calcareous gnt	Yellow brown clayey medium and fine sands				6.5"	st. pen. test 12	
	Yellow brown clayey medium and fine sand with some medium and fine gravel		Disturbed	9.0"	1.6"	st. pen. test 21	7'6" Encountered
	Yellow brown clayey medium and fine sand				5.0" (over)		
	End of borehole			14.6"		st. pen. test 21	8'0" Encountered

Beckley sands



NDAS
8/89

LEW. PT. 11



● disturbed sample | core/undisturbed sample ▲ water sample | st. pen. test + vane test




Appendix G Estimated Risk Table

Receptor	Receptor Sensitivity ('0' if not present)	Pathway	Present (Y=1, N=0)	EPH & Solvents	PAHs	Inorganics and Metals	Asbestos	Biocides	Permanent Gases	Consequence	Probability/ Likelihood	Estimated Risk
Human Health - On-Site Current Users	5	Ingestion of fruit or vegetable leaf or roots	0	✓	✓	✓	x	✓	x	N/A	N/A	N/A
		Ingestion of contaminated drinking water	0	✓	✓	x	x	✓	x	N/A	N/A	N/A
		Ingestion of water / sediments when swimming	0	✓	✓	✓	✓	✓	x	N/A	N/A	N/A
		Ingestion of soil/dust indoors	0	✓	✓	✓	✓	✓	x	N/A	N/A	N/A
		Ingestion of soil/dust outdoors	0	✓	✓	✓	✓	✓	x	N/A	N/A	N/A
		Inhalation of particles (dust / soil) indoor and outdoor	0	✓	✓	✓	✓	✓	x	N/A	N/A	N/A
		Inhalation of vapours/gases – outdoor	1	✓	x	x	x	x	✓	Mild	Unlikely	Very Low
		Inhalation of vapours/gases - indoor	1	✓	x	x	x	x	✓	Mild	Unlikely	Very Low
		Dermal absorption via direct contact with soil	0	✓	✓	✓	✓	✓	x	N/A	N/A	N/A
		Dermal absorption via waters (swimming / showering)	0	✓	✓	✓	✓	✓	x	N/A	N/A	N/A
Human Health On-Site Future User	5	Ingestion of fruit or vegetable leaf or roots	0	✓	✓	✓	x	✓	x	N/A	N/A	N/A
		Ingestion of contaminated drinking water	0	✓	✓	x	x	✓	x	N/A	N/A	N/A
		Ingestion of water / sediments when swimming	0	✓	✓	x	x	✓	x	N/A	N/A	N/A
		Ingestion of soil/dust indoors	0	✓	✓	✓	✓	✓	x	N/A	N/A	N/A
		Ingestion of soil/dust outdoors	0	✓	✓	✓	✓	✓	x	N/A	N/A	N/A
		Inhalation of particles (dust / soil) indoor and outdoor	0	✓	✓	✓	✓	✓	x	N/A	N/A	N/A
		Inhalation of vapours – outdoor	1	✓	x	x	x	x	✓	Mild	Unlikely	Very Low
		Inhalation of vapours - indoor	1	✓	x	x	x	x	✓	Mild	Unlikely	Very Low
		Dermal absorption via direct contact with soil	0	✓	✓	✓	✓	✓	x	N/A	N/A	N/A
		Dermal absorption via waters (swimming / showering)	0	✓	✓	✓	✓	✓	x	N/A	N/A	N/A
Human Health - Neighbours	5	Ingestion of fruit or vegetable leaf or roots	1	✓	✓	✓	x	✓	x	Mild	Unlikely	Very Low
		Ingestion of contaminated drinking water	0	✓	✓	x	x	✓	x	N/A	N/A	N/A
		Ingestion of water / sediments when swimming	0	✓	✓	x	x	✓	x	N/A	N/A	N/A
		Ingestion of soil/dust indoors	1	✓	✓	✓	✓	✓	x	Mild	Unlikely	Very Low
		Ingestion of soil/dust outdoors	1	✓	✓	✓	✓	✓	x	Mild	Unlikely	Very Low
		Inhalation of particles (dust / soil) indoor and outdoor	1	✓	✓	✓	✓	✓	x	Mild	Unlikely	Very Low
		Inhalation of vapours – outdoor	1	✓	x	x	x	x	✓	Mild	Unlikely	Very Low
		Inhalation of vapours - indoor	1	✓	x	x	x	x	✓	Mild	Unlikely	Very Low
		Dermal absorption via direct contact with soil	1	✓	✓	✓	✓	✓	x	Mild	Unlikely	Very Low
		Dermal absorption via waters (swimming / showering)	0	✓	✓	✓	✓	✓	x	N/A	N/A	N/A
Human Health - Construction/ Maintenance Workers*	4	Ingestion of soil/dust indoors	1	✓	✓	✓	✓	✓	x	Minor	Low	Very Low
		Ingestion of soil/dust outdoors	1	✓	✓	✓	✓	✓	x	Minor	Low	Very Low
		Inhalation of particles (dust / soil) outdoor	1	✓	✓	✓	✓	✓	x	Minor	Low	Very Low
		Inhalation of vapours – outdoor	1	✓	x	x	x	x	✓	Minor	Unlikely	Very Low
		Inhalation of vapours - indoor	1	✓	x	x	x	x	✓	Minor	Unlikely	Very Low
		Dermal absorption via direct contact with soil	1	✓	✓	✓	✓	✓	x	Minor	Low	Very Low
Groundwater (Shallow)	2	Leaching	1	✓	✓	✓	x	✓	x	Minor	Unlikely	Very Low
		Migration via natural or anthropogenic	1	✓	✓	✓	x	✓	x	Minor	Unlikely	Very Low
Groundwater (Deep)	0	Leaching	0	✓	✓	✓	x	✓	x	N/A	N/A	N/A
		Migration via natural or anthropogenic	0	✓	✓	✓	x	✓	x	N/A	N/A	N/A
Surface Water	0	Direct runoff or discharges from pipes	0	✓	✓	✓	✓	✓	x	N/A	N/A	N/A
		Indirect via recharge from groundwater (hydraulic flow)	0	✓	✓	✓	✓	✓	x	N/A	N/A	N/A
		Deposition of wind blown dust	0	✓	✓	✓	✓	✓	x	N/A	N/A	N/A
Property - Buildings	2	Direct contact	1	✓	✓	✓	x	x	x	Minor	Unlikely	Very Low
		Explosion due to gas migration via natural / anthropogenic	0	✓	x	x	x	x	✓	N/A	N/A	N/A
Ecological Systems	1	Direct deposition of particles / dust - wind blown or flood	1	✓	✓	✓	✓	✓	x	Minor	Unlikely	Very Low
		Indirect - through watering	1	✓	✓	✓	x	✓	x	Minor	Unlikely	Very Low
		Inhalation of gases/vapours or particulates/dust by animals	1	✓	✓	✓	✓	✓	✓	Minor	Unlikely	Very Low
		Ingestion of of vegetation / water / soil by animals	1	✓	✓	✓	✓	✓	x	Minor	Unlikely	Very Low
Property - Animal/Crop	0	Direct (including deposition via wind or flood)	0	✓	✓	✓	✓	✓	x	N/A	N/A	N/A
		Indirect (through watering)	0	✓	✓	✓	x	✓	x	N/A	N/A	N/A
		Inhalation of gas / vapour / particulates / dust by animals	0	✓	✓	✓	✓	✓	✓	N/A	N/A	N/A
		Ingestion of vegetation / water / soil by animals	0	✓	✓	✓	✓	✓	x	N/A	N/A	N/A

Risk estimation establishes the magnitude and probability of the possible consequences (what degree of harm might result and how likely). The criteria for classifying probability and consequence are set out in Tables 4 and 5 of the PBA methodology. Green text highlights one or more elements of the Pollutant Linkage are missing and therefore eliminated

EPH = Extractable hydrocarbons
PAHs = Poly Aromatic Hydrocarbons
Note For Metals there is an Inhalation pathway if Mercury is present
Note for PAHs there are Inhalation and/or Solubility pathways for some eg Naphthalene

	Cantay Estates	Cowley Conservative Club, Between Towns Road, Oxford TABLE SUMMARISING POLLUTANT LINKAGES AND RISK ESTIMATION		Date	Aug-19
				A3 Scale	NTS
HAZARD CLASSIFICATION VERY LOW				Drawn By	NC
				Checked By	RF
Caversham Bridge House, Waterman Place, Reading, RG1 8DN Tel 0118 950 0761 Fax 0118 959 7499					