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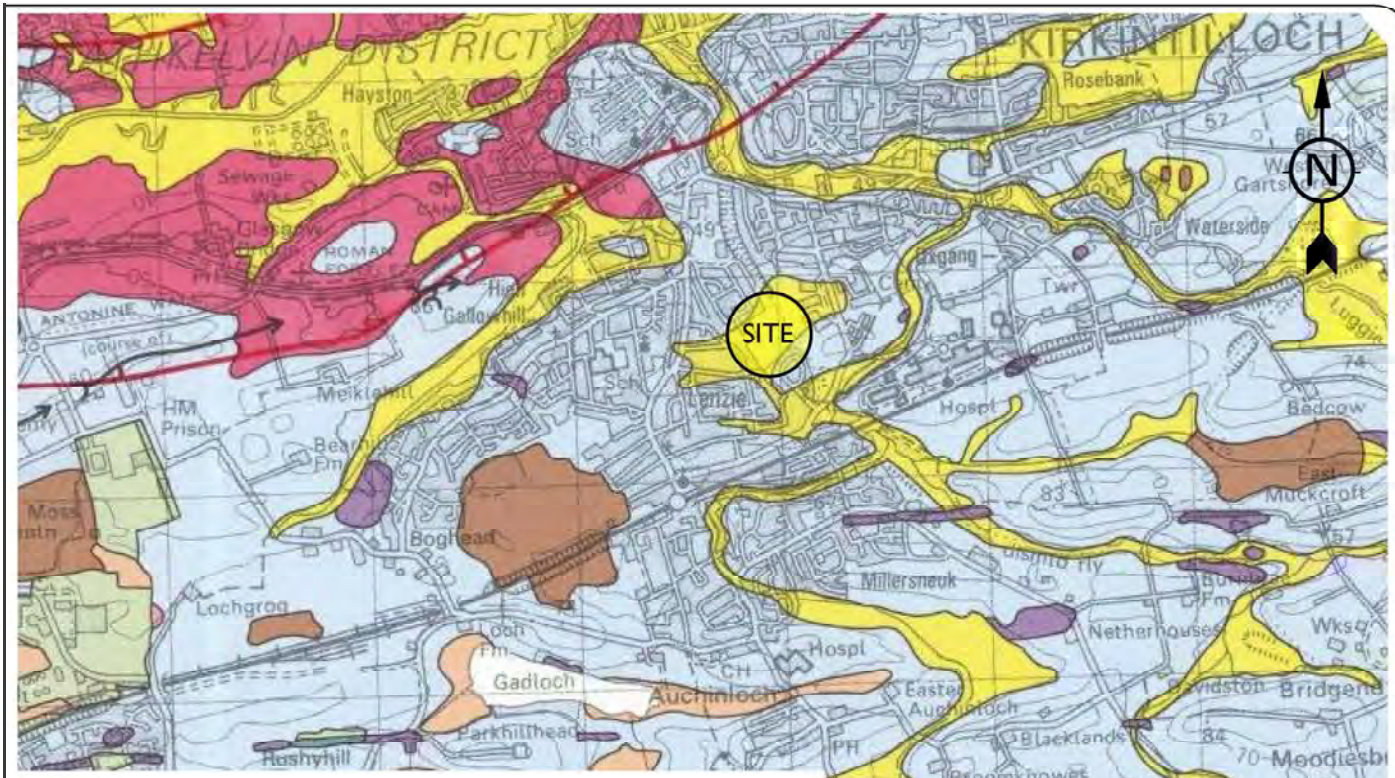
client details:
BAKERHICKS LTD
TRILOGY ONE
EUROCENTRAL, 11 WOODALL, MOTHERWELL, ML1 4YT

project title:	drawing title:
INITIATIVE ROAD, KIRKINTILLOCH	SITE LOCATION PLAN

project no:	drawing no:	revision:	date:	drawn by:	approved by:	scale:
P18/259	P18/259/LR-01/F/01		16.08.18	RC	PB	Not to Scale

A4 border: 277 x 190



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TRILOGY ONE
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project title: INITIATIVE ROAD, KIRKINTILLOCH

drawing title: EXTRACT FROM PUBLISHED GEOLOGICAL SURVEY MAP (DRIFT LITHOLOGY)

project no:	drawing no:	revision:	date:	drawn by:	approved by:	scale:
P18/259	P18/259/LR-01/F/02		16.08.18	RC	PB	Not to Scale

A4 border: 277 x 190

SEDIMENTARY ROCKS

Westphalian

- **Upper Coal Measures**: cyclic sequences of sandstones, siltstones, mudstones and seatrocks with a few coals; strata mostly reddened
- MCMS — **Middle Coal Measures**: cyclic sequences of sandstones, siltstones, mudstones, ironstones, coals and seatrocks
- LCMS — **Lower Coal Measures**: cyclic sequences of sandstones, siltstones, mudstones, ironstones, coals and seatrocks

Coal Measures (Scotland)

Namurian

- PGP — **Passage Formation**: mainly sandstones with fireclays, and thin siltstones, mudstones, ironstones, coals and seatrocks
- **Upper Limestone Formation**: cyclic sequences of sandstones, siltstones, mudstones, marine limestones, coals and seatrocks
- **Limestone Coal Formation**: cyclic sequences of sandstones, siltstones, mudstones, ironstones, coals and seatrocks

Clackmannan Group

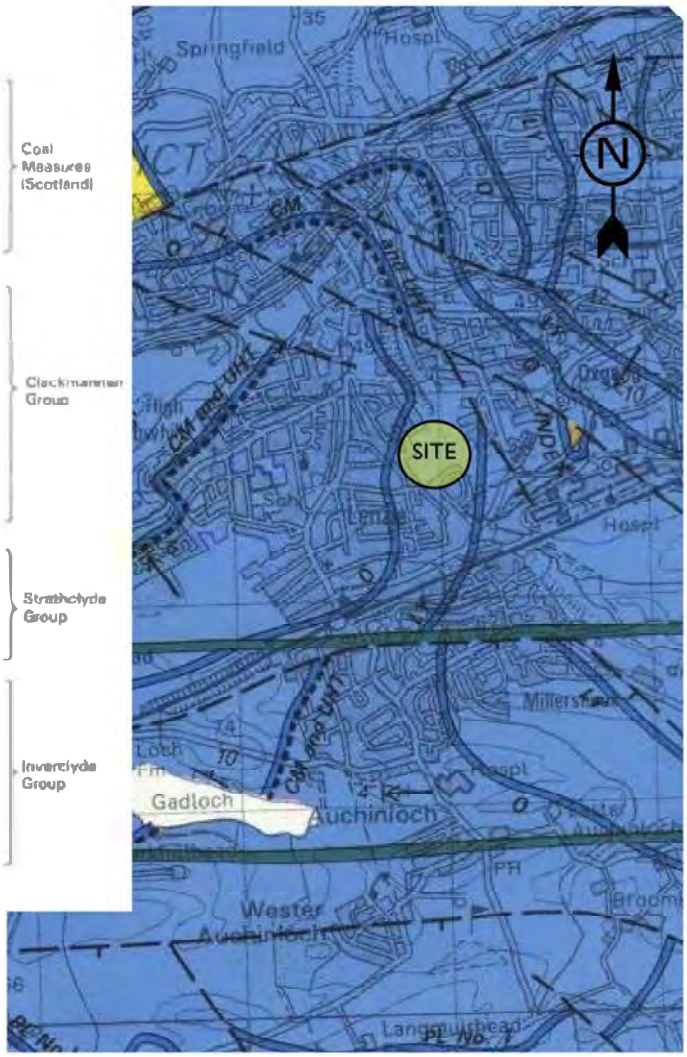
Dinantian

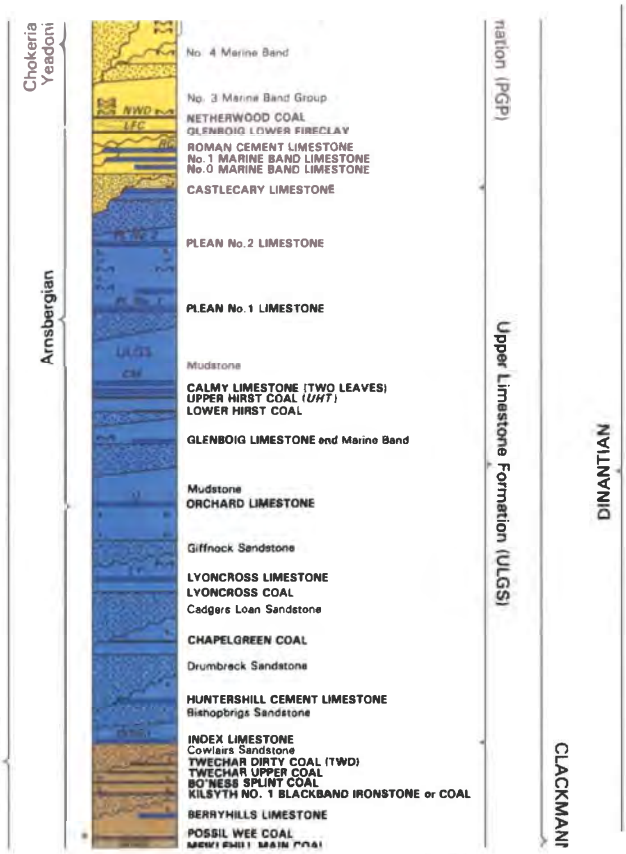
- **Lower Limestone Formation**: cyclic sequences of sandstones, siltstones, mudstones and marine limestones with a few thin coals and ironstones
- LVM — **Lawmuir Formation**: sandstones with siltstones, mudstones, marine and non-marine limestones, coals and seatrocks
- KBV — **Kirkwood Formation**: a diachronous deposit of coarse to fine-grained volcaniclastic sediments derived from the Clyde Plateau Volcanic Formation

Strathclyde Group

- CYD — **Clyde Sandstone Formation (Downie's Loup Sandstone)**: white cross-bedded sandstones, partly calcareous with some conglomeratic beds, partly coarse-grained with pebbly beds; pebbles mostly vein quartz
- BGN — **Ballagan Formation**: grey silty mudstones with numerous thin beds of nodular dolomitic limestone ('cementstones'); thin sandstones occur in lower part
- KNW — **Kinnesswood Formation**: red and white cross-bedded sandstones with nodules and beds of pedogenic limestone ('cornstones'). The lower part of the formation may be of Devonian age

InvercIyde Group





- \+ Horizontal strata
- 10 Inclined bedding, dip in degrees
- Inclined bedding underground, dip in degrees
- Geological boundary
- Fault, crossmark on downthrow side
- Coal, ironstone or fireclay
- Limestone
- Broken lines denote uncertainty
- Non-marine bivalves ('mussel' bands)
- Eustheria band
- Lingula band
- Marine fauna band
- Prominent sandstone (not shown below Hurlet Limestone)
- Erosion surface

Abbreviations:- LST.....Limestone
SST.....Sandstone

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TRILOGY ONE
EUROCENTRAL, WOODALL, MOTHERWELL, ML1 4YT

project title: INITIATIVE ROAD, KIRKINTILLOCH

drawing title: EXTRACT FROM PUBLISHED GEOLOGICAL SURVEY MAP (SOLID GEOLOGY)

project no:	drawing no:	revision:	date:	drawn by:	approved by:	scale:
PIB/259	P18/259/LR-01/F/03		16.08.18	RC	PB	Not to Scale

A4 border: 277 x 190

N

NOTES

Site boundary

TP01 to TP30 — Trial pits supervised by Mason Evans (July 2018)

REV	DATE	DETAILS

BAKER HICKS Ltd
TRILOGY ONE
EUROCENTRAL, 11 WOODALL
MOTHERWELL, ML1 4YT

PROJECT TITLE

INITIATIVE ROAD KIRKINTILLOCH

DRAWING TITLE

TRIAL PIT LOCATION PLAN

DRAWN BY	CHK'D BY	APP'D BY	DATE	SCALES
RC	SA	PB	05.09.18	Not to Scale

PROJECT No.	DRAWING No.	REVISION
P18/259	P18/259/LR-01/F/04	

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A4 border: 297 X 210

Appendix 01

Site Walkover Survey
(August 2018)

WALKOVER SURVEY RECORD

Project Name: Initiative Road, Kirkintilloch
Project Number: P18/259
Date of Survey: 24/07/18
Surveyed By: S Armstrong
Weather: 18°C / cloudy with clear patches

MASON EVANS
Geo-Environmental Consultants

VICINITY OF THE SITE

		DESCRIPTION
Are there any street/house/locality/pub names indicating current or former land use?	N/A	
What are the neighbouring land uses?	NORTH WEST	Residential
	NORTH EAST	A806 / soft landscaping
	SOUTH WEST	Residential
	SOUTH EAST	Residential
Potential off-site receptors		

ACCESSES

Describe the site accesses - type, width and headroom.		All accesses to site are footpaths. Best access point; footpath at the end of Parkview Court – no height restrictions but some low-hanging branches, width ~3 m with a bollard in the middle (appears to be removable / able to lie flat),
Describe any access difficulties for SI plant		No difficulties once plant is on site (evidence of recent trial pitting shows plant access is possible). Council may need to be contacted w.r.t moving bollard.

SITE DESCRIPTION - GENERAL

What is the current land use?		Public footpaths / soft landscaping.
What is the topography?		Gently undulating in some areas but primarily flat.
What is the surface cover?		Soft landscaping / verges / tarmac footpaths.
Are there any waterlogged areas?		Large patches of rushes in the north of the site indicate regular inundation but were not waterlogged at time of survey.
How are the boundaries formed?		NW / SW / SE – trees and back garden fences. NE – A806.

Does the topography suggest filling or platforming?	NO	
Are there any subsidence features?	NO	

EXISTING BUILDINGS

What proportion of the site do the buildings cover?		No building present on site.
Do the building(s) show any evidence of distress?	NO	
Indicate building usage on available site plan.		
Indicate nature and location of materials in storage.		No evidence of materials in storage.
What processes are evident in the facility?		N/A

TANKS AND WASTE STORAGE

Are there any fuel or chemical storage tanks (surface and underground)? For each tank record whether it is above/under ground, nature of contents, whether full or empty, bunded/unbunded/leaking bund, presence of staining. Mark locations on plan.	NO	
Is there any evidence of waste storage or disposal?	NO	
Are there any chemical drums or other containers?	NO	
Are there any discharges to surface water?	NO	

HYDROLOGY

Describe any groundwater sources - including flow rate.		Small brook runs through the treeline in the SE of the site.
Record positions all springs, ponds and other water on site.		

PUBLIC UTILITIES

Are there any overhead cables - indicate type and location?	NO	
Are there any manholes - describe?	YES	
Are there other indications of utilities?	NO	
Are there any electricity transformers	NO	

HAZARDS

Describe any obvious public health hazards.		

SPILLAGES AND CONTAMINATION

Are there any indications of oil or other spillages?	NO	
Is their evidence of contaminated soils?	NO	
Is there evidence of distress to vegetation?	NO	
Describe constituents of any flytipping.		
Is there surface evidence of asbestos contaminated soil?	NO	
Are there any noxious smells?	NO	

GEOLOGY

Soil and rock – record and describe any exposed soils or rocks that are present.		Exposed soils – medium/dark brown clayey soils with heterogenous cobbles and porcelain fragments (made ground).

MINING AND QUARRYING

Are there any signs of mineral extraction in the area, such as old mine buildings, derelict or hummocky land, surface depressions, evidence of infilling or spoil heaps.	NO	
Is their evidence of any quarrying?	NO	

SLOPE STABILITY

Are there any risks of slope instability?	NO	
Is there evidence of previous land slipping?	NO	

INVASIVE PLANTS

Are there any obvious invasive plants?	YES	'Horsetail' along southern site boundary. Potential presence of other invasive species – a detailed survey would be required to further identify.

Entrance to the site.

Note the collapsible bollard in the centre.

Manholes observed on public footpath

View of site, note the grassed surface cover

As above, noted the surrounding trees

Toward southern site area, note the change in vegetation

Areas of dense vegetation

Appendix 02

Envirocheck Report
(August 2018)

MASON EVANS

Groundwater Vulnerability

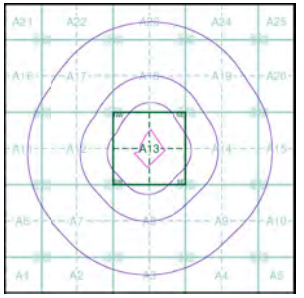
General

Specified Site | Specified Buffer(s) | Bearing Reference Point
Slice | Map ID

Agency and Hydrological

Geological Classes	Soil Classes
Highly Permeable	High
	Intermediate
	Low
Moderately Permeable	
Weakly Permeable	
Water or Sea	
Drift Deposit	

Site Sensitivity Context Map - Slice A



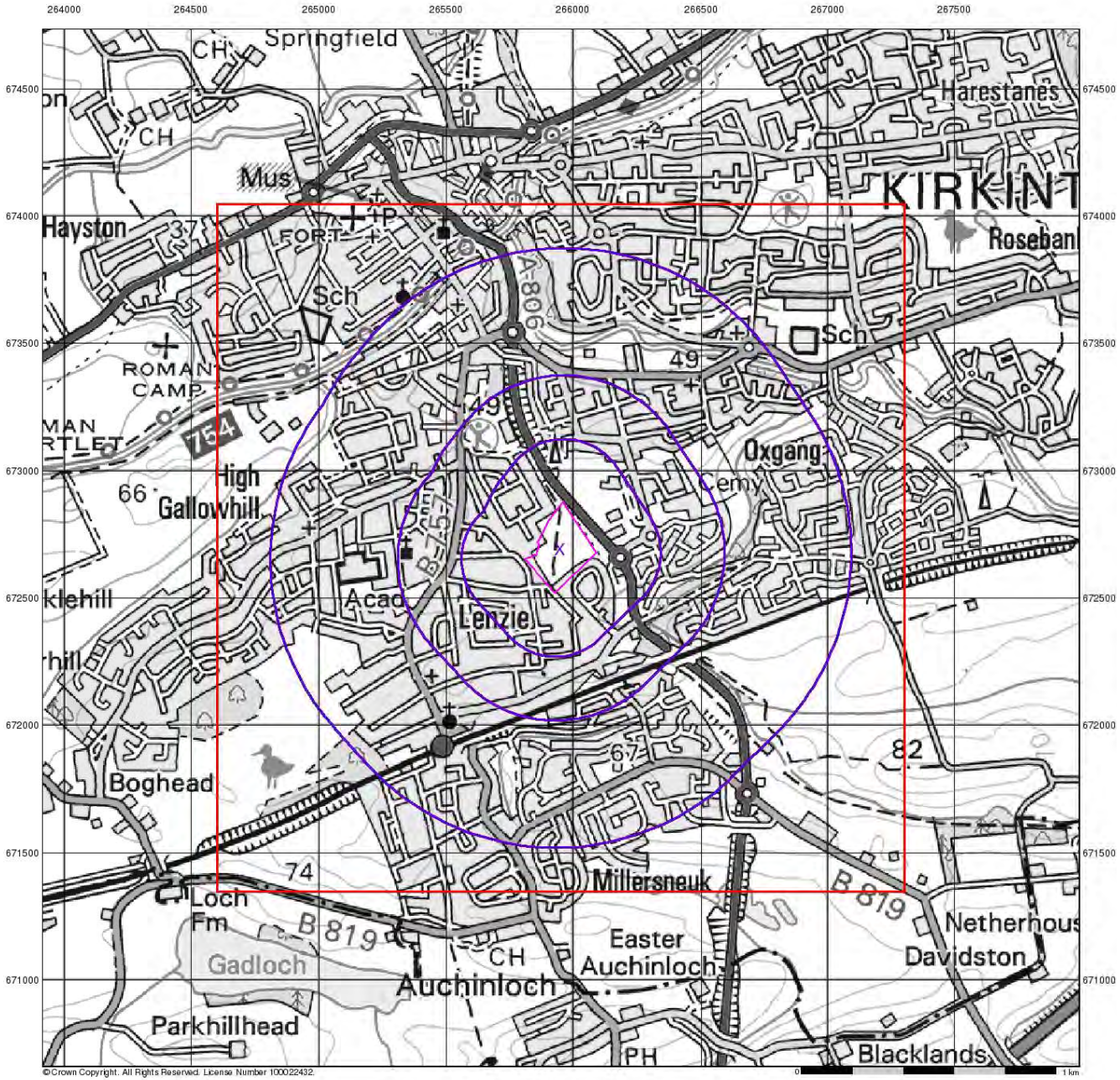
Order Details

Order Number:	175498074_1_1
Customer Ref:	
National Grid Reference:	265950, 672690
Slice:	A
Site Area (Ha):	4.85
Search Buffer (m):	1000

Site Details

Whitegates, Initiative Road, Kirkintilloch, GLASGOW, G66 3BS

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



MASON EVANS

Source Protection Zones

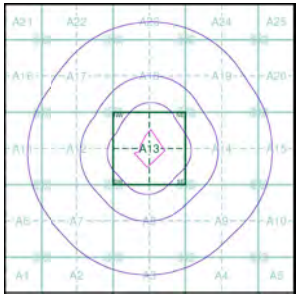
General

Specified Site | Specified Buffer(s) | Bearing Reference Point
Slice | Map ID

Agency and Hydrological

- Inner zone (Zone 1)
- Inner zone - subsurface activity only (Zone 1c)
- Outer zone (Zone 2)
- Outer zone - subsurface activity only (Zone 2c)
- Total catchment (Zone 3)
- Total catchment - subsurface activity only (Zone 3c)
- Special interest (Zone 4)

Site Sensitivity Context Map - Slice A



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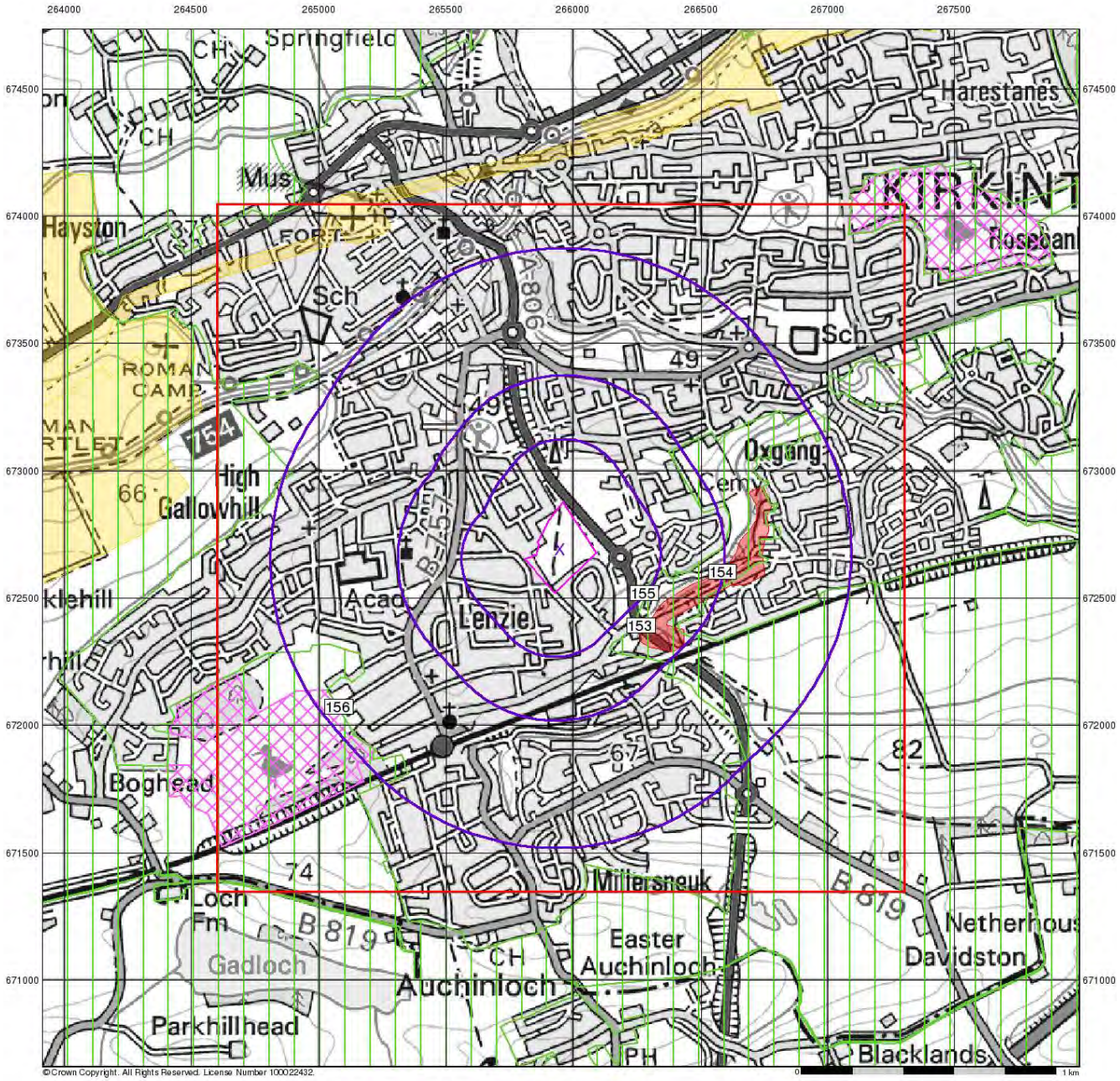


MASON EVANS

Sensitive Land Uses

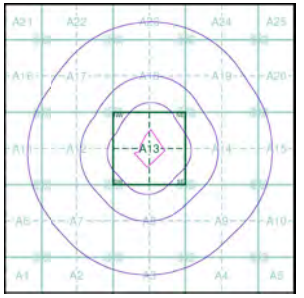
General

Specified Site | Specified Buffer(s) | Bearing Reference Point
Slice | Map ID

Sensitive Land Uses

- Ancient Woodland
- Area of Adopted Green Belt
- Area of Unadopted Green Belt
- Environmentally Sensitive Area
- Forest Park
- Local Nature Reserve
- Marine Nature Reserve
- National Nature Reserve
- National Park
- National Scenic Area
- Nitrate Sensitive Area
- Nitrate Vulnerable Zone
- Ramsar Site
- Site of Special Scientific Interest
- Special Area of Conservation
- Special Protection Area
- World Heritage Sites

Site Sensitivity Context Map - Slice A

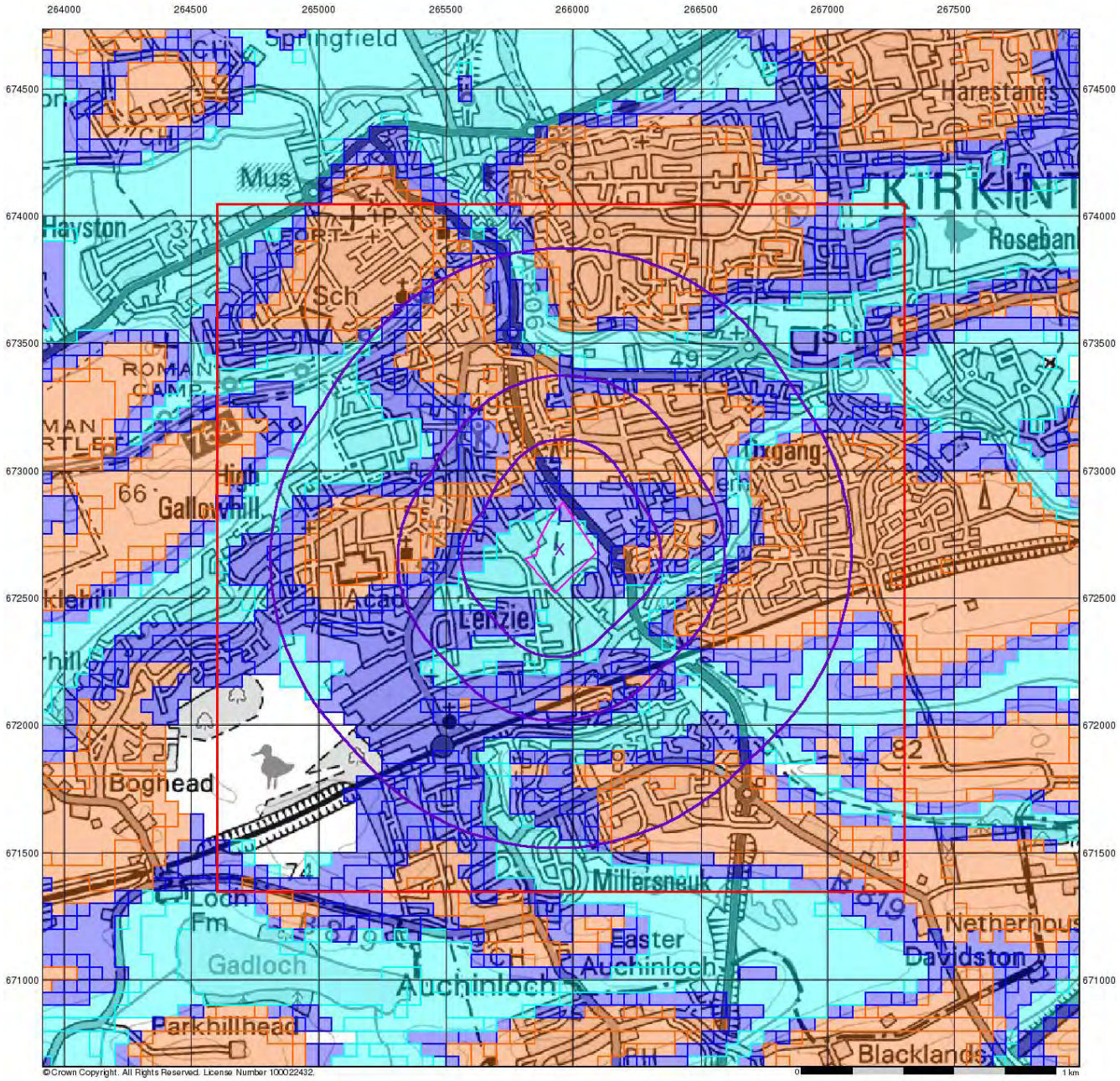


Order Details

Order Number:	175498074_1_1
Customer Ref:	
National Grid Reference:	265950, 672690
Slice:	A
Site Area (Ha):	4.85
Search Buffer (m):	1000

Site Details

Whitegates, Initiative Road, Kirkintilloch, GLASGOW, G66 3BS



MASON EVANS

BGS Flood GFS Data

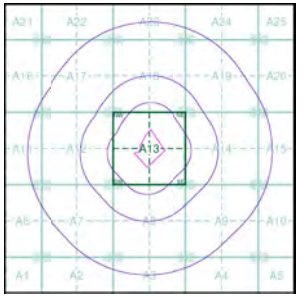
General

Specified Site | Specified Buffer(s) | Bearing Reference Point | Slice

Agency and Hydrological (Flood)

- Limited Potential for Groundwater Flooding to Occur
- Potential for Groundwater Flooding of Property Situated Below Ground Level
- Potential for Groundwater Flooding to Occur at Surface

Site Sensitivity Context Map - Slice A



Order Details

Order Number:	175498074_1_1
Customer Ref:	
National Grid Reference:	265950, 672690
Slice:	A
Site Area (Ha):	4.85
Search Buffer (m):	1000

Site Details

Whitegates, Initiative Road, Kirkintilloch, GLASGOW, G66 3BS

Envirocheck® Report:

Datasheet

Order Details:

Order Number:
175498074_1_1

Customer Reference:

National Grid Reference:
265950, 672690

Slice:
A

Site Area (Ha):
4.85

Search Buffer (m):
1000

Site Details:

Whitegates
Initiative Road
Kirkintilloch
GLASGOW
G66 3BS

Client Details:

Ms P Morton
Mason Evans Partnership
The Piazza
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(office side door on Dalentober St)
Glasgow
G5 8BE

Contents

Introduction

The Environment Act 1995 has made site sensitivity a key issue, as the legislation pays as much attention to the pathways by which contamination could spread, and to the vulnerable targets of contamination, as it does the potential sources of contamination.
For this reason, Landmark's Site Sensitivity maps and Datasheet(s) place great emphasis on statutory data provided by the Environment Agency/Natural Resources Wales and the Scottish Environment Protection Agency; it also incorporates data from Natural England (and the Scottish and Welsh equivalents) and Local Authorities; and highlights hydrogeological features required by environmental and geotechnical consultants. It does not include any information concerning past uses of land. The datasheet is produced by querying the Landmark database to a distance defined by the client from a site boundary provided by the client.
In the attached datasheet the National Grid References (NGRs) are rounded to the nearest 10m in accordance with Landmark's agreements with a number of Data Suppliers.

Report Version v53.0

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Agency & Hydrological					
BGS Groundwater Flooding Susceptibility	pg 1	Yes	Yes	Yes	n/a
Contaminated Land Register Entries and Notices					
Discharge Consents	pg 7			1	8
Prosecutions Relating to Controlled Waters			n/a	n/a	n/a
Enforcement and Prohibition Notices					
Integrated Pollution Controls	pg 9		2		
Integrated Pollution Prevention And Control					
Local Authority Integrated Pollution Prevention And Control					
Local Authority Pollution Prevention and Controls	pg 10		2	2	3
Local Authority Pollution Prevention and Control Enforcements					
Nearest Surface Water Feature	pg 10	Yes			
Pollution Incidents to Controlled Waters					
Prosecutions Relating to Authorised Processes					
Registered Radioactive Substances					
River Quality	pg 11		1		1
Substantiated Pollution Incident Register					
Water Abstractions					
Water Industry Act Referrals					
Groundwater Vulnerability	pg 11	Yes	n/a	n/a	n/a
Drift Deposits	pg 11	1	n/a	n/a	n/a
Source Protection Zones					
River Flood Data (Scotland)	pg 11		Yes	n/a	n/a
OS Water Network Lines	pg 11	3	17	13	49
Waste					
BGS Recorded Landfill Sites					
Integrated Pollution Control Registered Waste Sites					
Licensed Waste Management Facilities (Landfill Boundaries)					
Licensed Waste Management Facilities (Locations)					
Local Authority Landfill Coverage	pg 21	1	n/a	n/a	n/a
Local Authority Recorded Landfill Sites	pg 21	1			2
Registered Landfill Sites	pg 21				1
Registered Waste Transfer Sites					
Registered Waste Treatment or Disposal Sites	pg 22				1

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Hazardous Substances					
Control of Major Accident Hazards Sites (COMAH)					
Explosive Sites					
Notification of Installations Handling Hazardous Substances (NIHHS)					
Planning Hazardous Substance Consents					
Planning Hazardous Substance Enforcements					
Geological					
BGS 1:625,000 Solid Geology	pg 23	Yes	n/a	n/a	n/a
BGS Recorded Mineral Sites	pg 23		2		4
CBSCB Compensation District			n/a	n/a	n/a
Coal Mining Affected Areas	pg 24	Yes	n/a	n/a	n/a
Mining Instability	pg 24	Yes	n/a	n/a	n/a
Man-Made Mining Cavities					
Natural Cavities					
Non Coal Mining Areas of Great Britain	pg 24	Yes		n/a	n/a
Potential for Collapsible Ground Stability Hazards	pg 24		Yes	n/a	n/a
Potential for Compressible Ground Stability Hazards	pg 24	Yes		n/a	n/a
Potential for Ground Dissolution Stability Hazards	pg 24		Yes	n/a	n/a
Potential for Landslide Ground Stability Hazards	pg 24	Yes		n/a	n/a
Potential for Running Sand Ground Stability Hazards	pg 24	Yes	Yes	n/a	n/a
Potential for Shrinking or Swelling Clay Ground Stability Hazards	pg 24	Yes		n/a	n/a
Radon Potential - Radon Affected Areas			n/a	n/a	n/a
Radon Potential - Radon Protection Measures			n/a	n/a	n/a
Industrial Land Use					
Contemporary Trade Directory Entries	pg 26		5	17	60
Fuel Station Entries	pg 33				3
Gas Pipelines					

Summary

Data Type	Page Number	On Site	0 to 250m	251 to 500m	501 to 1000m (*up to 2000m)
Sensitive Land Use					
Ancient Woodland	pg 34			2	
Areas of Adopted Green Belt	pg 34		1		
Areas of Unadopted Green Belt					
Environmentally Sensitive Areas					
Forest Parks					
Local Nature Reserves	pg 34				1
Marine Nature Reserves					
National Nature Reserves					
National Parks					
National Scenic Areas					
Nitrate Sensitive Areas					
Nitrate Vulnerable Zones					
Ramsar Sites					
Sites of Special Scientific Interest					
Special Areas of Conservation					
Special Protection Areas					
World Heritage Sites					

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NE (NE)	0	1	266000 672750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SE (SE)	0	1	266000 672600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	0	1	265950 672800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13NW (N)	0	1	265950 672800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (NW)	0	1	265950 672693
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (N)	18	1	266000 672850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	26	1	265950 672900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	29	1	265950 672900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	50	1	265850 672800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (E)	58	1	266150 672693
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (E)	64	1	266150 672650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	73	1	265850 672850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SW (SW)	73	1	265850 672500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	76	1	265950 672950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (S)	76	1	265900 672450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	77	1	265950 672950
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	85	1	266000 672950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	87	1	266050 672900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (SE)	96	1	266150 672600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	105	1	265850 672900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (E)	108	1	266200 672693
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (E)	110	1	266200 672700

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A13SW (W)	110	1	265700 672693
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	117	1	265800 672850
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (N)	126	1	265950 673000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (N)	127	1	265950 673000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	129	1	266100 672900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NE (N)	131	1	266000 673000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13SE (E)	133	1	266200 672600
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	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13SE (E)	158	1	266250 672693
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (E)	160	1	266250 672700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A13NW (NW)	170	1	265750 672900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (E)	174	1	266250 672750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (N)	176	1	265950 673050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (N)	177	1	265950 673050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	184	1	265700 672800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (W)	188	1	265650 672750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (E)	208	1	266300 672693
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (E)	209	1	266300 672700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (N)	209	1	265850 673050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	210	1	266300 672650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (W)	216	1	265600 672700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (W)	218	1	265650 672800

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	220	1	266300 672750
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (W)	232	1	265600 672750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	241	1	266300 672800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NE (S)	250	1	266050 672300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	253	1	265700 672950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NE (NE)	254	1	266250 672900
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (W)	257	1	265600 672800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	259	1	266350 672650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	260	1	265550 672693
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (W)	265	1	265550 672700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NW (S)	270	1	265950 672250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	270	1	266100 672300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NW (S)	282	1	265850 672250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	286	1	266350 672800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (NE)	296	1	266300 672900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	300	1	265800 672250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14SW (SE)	308	1	266300 672450
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (E)	309	1	266400 672700
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	309	1	266400 672650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	310	1	265500 672693
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	311	1	265500 672650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14SW (SE)	313	1	266350 672500

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (W)	314	1	265500 672700
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (E)	316	1	266400 672750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	320	1	265950 672200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	320	1	265950 672200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (NE)	323	1	266300 672950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A13NW (NW)	323	1	265650 673000
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (N)	326	1	265950 673200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A12SE (W)	327	1	265500 672550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	327	1	266000 672200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	328	1	266000 673200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	331	1	266400 672800
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (NE)	338	1	266350 672900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	341	1	266050 672200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (SE)	344	1	266300 672400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (SE)	344	1	266350 672450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	346	1	265800 672200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (SE)	348	1	266150 672250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14NW (E)	353	1	266400 672850
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A8NW (SW)	355	1	265700 672250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (SE)	356	1	266400 672500
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	358	1	266450 672693
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A14SW (E)	359	1	266450 672650

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (W)	360	1	265450 672693
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	361	1	265450 672650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	362	1	266100 672200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	364	1	265450 672600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (NW)	364	1	265600 673000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	367	1	265750 672200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	370	1	265950 672150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NW (S)	370	1	265950 672150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12NE (W)	373	1	265450 672750
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (N)	376	1	265950 673250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	378	1	266000 673250
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (NE)	380	1	266400 672900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	380	1	266450 672550
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (SE)	383	1	266400 672450
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (SW)	395	1	265700 672200
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SE (N)	400	1	266100 673250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (NW)	408	1	265550 673000
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	408	1	266500 672693
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (W)	411	1	265400 672650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	414	1	265400 672600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A9NW (SE)	415	1	266350 672350
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A8NE (SE)	418	1	266200 672200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A18SW (N)	426	1	265950 673300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	428	1	266500 672550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (NW)	430	1	265500 672950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (SW)	436	1	265700 672150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (W)	437	1	265450 672900
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	447	1	266100 673300
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14NW (NE)	449	1	266450 672950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A9NW (SE)	450	1	266400 672350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A9NW (SE)	451	1	266300 672250
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SW (NW)	452	1	265650 673200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	452	1	266100 672100
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (SE)	453	1	266450 672400
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A17SE (NW)	456	1	265600 673150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (SE)	457	1	266200 672150
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A12SE (W)	461	1	265350 672650
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	463	1	265350 672600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (SW)	464	1	265650 672150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A14SW (E)	465	1	266550 672600
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A7NE (SW)	467	1	265500 672300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12NE (NW)	468	1	265450 672950
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NW (S)	470	1	265950 672050
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A12SE (W)	472	1	265350 672550

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	473	1	266150 672100
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	475	1	266000 672050
	BGS Groundwater Flooding Susceptibility Flooding Type: Limited Potential for Groundwater Flooding to Occur	A14SW (E)	475	1	266550 672550
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	477	1	266000 673350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	484	1	266050 673350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A9NW (SE)	485	1	266450 672350
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A18SE (N)	487	1	266200 673300
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A9NW (SE)	487	1	266300 672200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A17SE (NW)	488	1	265600 673200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (SE)	488	1	266250 672150
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding to Occur at Surface	A7NE (SW)	497	1	265550 672200
	BGS Groundwater Flooding Susceptibility Flooding Type: Potential for Groundwater Flooding of Property Situated Below Ground Level	A8NE (S)	499	1	266100 672050
1	**Discharge Consents** Operator: J Mcfarlane Property Type: Not Given Location: 4 Easter Garngaber Road, Lenzie, GLASGOW Authority: Scottish Environment Protection Agency, West Region Catchment Area: Not Given Reference: 11409 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 24th November 1993 Revocation Date: Not Supplied Discharge Type: Septic tank Discharge Environment: Onto Land Receiving Water: Underground Strata **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	A8NE (S)	452	2	266100 672100
2	**Discharge Consents** Operator: Strathclyde Regional Council Property Type: Not Given Location: South Glasgow And Edinburgh Railway, 120 Yards Northeast Of Easter, Garngaber Road, KIRKINTILLOCH Authority: Scottish Environment Protection Agency, West Region Catchment Area: Not Given Reference: 10633 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 20th October 1992 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Bothlin Burn **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	557	2	266400 672200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
2	**Discharge Consents** Operator: Strathclyde Regional Council Property Type: Not Given Location: South Glasgow And Edinburgh Railway, Garngaber Road; Easter, Kirkintilloch, DUMBARTON Authority: Scottish Environment Protection Agency, West Region Catchment Area: Not Given Reference: 0 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 3rd November 1966 Revocation Date: Not Supplied Discharge Type: Unknown Discharge Environment: Unknown Receiving Water: Dumbarton; Translated To D3995/T14/Cd10633; Applied For Register Exemption **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	560	2	266400 672195
3	**Discharge Consents** Operator: Scottish Development Agency Property Type: Not Given Location: New Outlet And Discharge Of, Storm Sewage To The Luggie Water, From The Kirkintilloch System Authority: Scottish Environment Protection Agency, West Region Catchment Area: Not Given Reference: 6224 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 7th February 1980 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Luggie Water **Status: Not Supplied** Positional Accuracy: Unknown	A18NW (N)	672	2	265820 673530
4	**Discharge Consents** Operator: Strathkelvin District Council Property Type: Not Given Location: Plots 1 And 2 Oxgang House Development, KIRKINTILLOCH Authority: Scottish Environment Protection Agency, West Region Catchment Area: Not Given Reference: 6128 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 10th May 1979 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge Environment: Freshwater Stream/River Receiving Water: Luggie Water **Status: Not Supplied** Positional Accuracy: Unknown	A19NW (NE)	752	2	266500 673400
5	**Discharge Consents** Operator: Strathclyde Regional Council Property Type: Not Given Location: Private Housing Development, Greens Avenue, KIRKINTILLOCH Authority: Scottish Environment Protection Agency, West Region Catchment Area: Not Given Reference: 10485 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 25th August 1992 Revocation Date: Not Supplied Discharge Type: Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Park Burn **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	A17SW (NW)	897	2	265100 673200

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
6	**Discharge Consents** Operator: Kirkintilloch Equitable Co-Operative Society Ltd Property Type: Not Given Location: Coal Depot At, Canal Basin, Southbank Road, KIRKINTILLOCH Authority: Scottish Environment Protection Agency, West Region Catchment Area: Not Given Reference: 128 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 20th September 1962 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge Environment: Freshwater Stream/River Receiving Water: Forth And Clyde Canal **Status: Not Supplied** Positional Accuracy: Located by supplier to within 100m	A17NW (NW)	924	2	265200 673400
7	**Discharge Consents** Operator: Scottish Development Agency Property Type: Not Given Location: New Outlet To The Luggie Water, For Discharge Of Storm Sewage From The, Kirkintilloch Sewerage System Authority: Scottish Environment Protection Agency, West Region Catchment Area: Not Given Reference: 6225 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 7th February 1980 Revocation Date: Not Supplied Discharge Type: Sewage Effluent Discharge-Surface Water Discharge Environment: Freshwater Stream/River Receiving Water: Luggie Water **Status: Not Supplied** Positional Accuracy: Unknown	A23SW (N)	931	2	265800 673790
8	**Discharge Consents** Operator: Kirkintilloch Rangers Supporters Club Property Type: Not Given Location: Southbank Road, KIRKINTILLOCH Authority: Scottish Environment Protection Agency, West Region Catchment Area: Not Given Reference: 7601 Permit Version: Not Supplied Effective Date: Not Supplied Issued Date: 29th June 1987 Revocation Date: Not Supplied Discharge Type: Public Sewage: Septic Tank Discharge Environment: Freshwater Stream/River Receiving Water: Forth And Clyde Canal **Status: Not Supplied** Positional Accuracy: Unknown	A17NE (NW)	958	2	265350 673610
9	**Integrated Pollution Controls** Name: Pw Hall Ltd Location: Woodilee Road, Lenzie, Kirkintilloch, Glasgow, Lanarkshire, G66 3UR Authority: Scottish Environment Protection Agency, West Region Permit Reference: Ipc/W/0000051 Dated: 16th August 1999 Process Type: Integrated Pollution Control (Part A Processes) Description: Not Supplied **Status: Not Supplied** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	224	2	266190 672936
10	**Integrated Pollution Controls** Name: P W Hall Ltd Location: Woodielee Industrial Estate, GLASGOW, Lanarkshire, G66 3UR Authority: Scottish Environment Protection Agency, West Region Permit Reference: SC1 Dated: 24th July 1995 Process Type: Not Given Description: 4.5 A (H) Inorganic Chemical processes within the Chemical Industry **Status: Application has been authorised and any conditions apply to the operator** Positional Accuracy: Manually positioned to the road within the address or location	A13NE (NE)	244	2	266239 672899

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
11	**Local Authority Pollution Prevention and Controls** Name: PW Hall Ltd Location: Woodilee Road, Kirkintilloch, GLASGOW, Lanarkshire, G66 3UR Authority: Scottish Environment Protection Agency, West Region Permit Reference: Not Given Dated: Not Supplied Process Type: Local Authority Air Pollution Control Description: Part B process (no specific reference) **Status: Authorised** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	221	2	266190 672931
11	**Local Authority Pollution Prevention and Controls** Name: PW Hall Ltd Location: Woodilee Road, Kirkintilloch, GLASGOW, Lanarkshire, G66 3UR Authority: Scottish Environment Protection Agency, West Region Permit Reference: APC/W/00229 Dated: 26th May 1994 Process Type: Local Authority Air Pollution Control Description: PG6/10 Coating manufacturing **Status: Authorised** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	224	2	266190 672936
12	**Local Authority Pollution Prevention and Controls** Name: John Mcgavigan Ltd Location: Woodilee Road, Kirkintilloch, GLASGOW, Lanarkshire, G66 3UW Authority: Scottish Environment Protection Agency, West Region Permit Reference: Apc/W/0000227 Dated: 17th March 1999 Process Type: Local Authority Air Pollution Control Description: PG6/16 Printworks **Status: Authorised** Positional Accuracy: Automatically positioned in the proximity of the address	A14NW (NE)	350	2	266337 672942
13	**Local Authority Pollution Prevention and Controls** Name: Gillespie Of Lenzie Location: Woodilee Road, Kirkintilloch, GLASGOW, Lanarkshire, G66 3UU Authority: Scottish Environment Protection Agency, West Region Permit Reference: Apc/W/0020042 Dated: 18th August 1997 Process Type: Local Authority Air Pollution Control Description: PG6/34 Respraying of road vehicles **Status: Authorised** Positional Accuracy: Manually positioned to the address or location	A14NW (E)	363	2	266407 672857
14	**Local Authority Pollution Prevention and Controls** Name: J Gillespie (Me) Ltd Location: Kirkintilloch Road, Lenzie, Kirkintilloch, Glasgow, Lanarkshire, G66 4LD Authority: Scottish Environment Protection Agency, West Region Permit Reference: Apc/W/0020230 Dated: 16th June 1999 Process Type: Air Pollution Controls (Part B Processes) Description: Not Supplied **Status: Not Supplied** Positional Accuracy: Automatically positioned to the address	A7NE (SW)	603	2	265390 672218
15	**Local Authority Pollution Prevention and Controls** Name: Bp Express Shopping Ltd Location: Kirkie Filling Station, 80 Waterside Road, Kirkintilloch Authority: Scottish Environment Protection Agency, West Region Permit Reference: Apc/W/0020144 Dated: 9th June 1999 Process Type: Air Pollution Controls (Part B Processes) Description: Not Supplied **Status: Not Supplied** Positional Accuracy: Manually positioned to the address or location	A19SW (NE)	724	2	266510 673348
16	**Local Authority Pollution Prevention and Controls** Name: J Gillespie (Me) Ltd Location: 63-69 Auchinloch Road, Lenzie, Kirkintilloch, Glasgow, Lanarkshire, G66 5EZ Authority: Scottish Environment Protection Agency, West Region Permit Reference: Apc/W/0020229 Dated: 26th March 1999 Process Type: Air Pollution Controls (Part B Processes) Description: Not Supplied **Status: Not Supplied** Positional Accuracy: Automatically positioned to the address	A3NW (S)	973	2	265765 671561
	Nearest Surface Water Feature	A13SE (SE)	0	-	266032 672619

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	River Quality Name: Not Supplied GQA Grade: River Quality C Reach: Not Supplied Estimated Distance (km): Not Supplied Flow Rate: Not Supplied Flow Type: Not Supplied Year: 1990	A13NW (NW)	164	3	265782 672951
	River Quality Name: Not Supplied GQA Grade: River Quality C Reach: Not Supplied Estimated Distance (km): Not Supplied Flow Rate: Not Supplied Flow Type: Not Supplied Year: 1990	A19NW (NE)	808	3	266334 673594
	Groundwater Vulnerability Geological Classification: Minor or Moderately Permeable Aquifer - Fractured or potentially fractured rocks which do not have a high primary permeability or other formations of variable permeability Soil Classification: Not classified Map Sheet: Map of Scotland Scale: 1:625,000	A13SW (NW)	0	3	265950 672693
	Drift Deposits Drift Deposit: Low permeability drift deposits which include till, head, peat, lacustrine deposits, clay-with-flints and brick earths Map Sheet: Map of Scotland Scale: 1:625,000	A13SW (NW)	0	3	265950 672693
	River Flood Data (Scotland) Type: Flood Plain Depth 0 -1 Metres Flood Plain Type: 0-1m estimated 100yr flood depth Source: Centre for Ecology and Hydrology	A13SE (SE)	132	4	266150 672550
	River Flood Data (Scotland) Type: Flood Plain Depth 1 - 2 Metres Flood Plain Type: 1-2m estimated 100yr flood depth Source: Centre for Ecology and Hydrology	A13SE (SE)	167	4	266150 672500
	River Flood Data (Scotland) Type: Flood Plain Depth 0 -1 Metres Flood Plain Type: 0-1m estimated 100yr flood depth Source: Centre for Ecology and Hydrology	A13SE (SE)	168	4	266100 672450
	River Flood Data (Scotland) Type: Flood Plain Depth 0 -1 Metres Flood Plain Type: 0-1m estimated 100yr flood depth Source: Centre for Ecology and Hydrology	A13SE (E)	176	4	266250 672600
17	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 124.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A13SE (E)	0	5	266088 672690
18	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 20.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A13SE (SE)	0	5	266030 672616
19	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 81.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A13SE (SE)	0	5	266032 672619

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
20	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 20.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A13SE (SE)	2	5	266010 672594
21	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 9.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A13SE (SE)	2	5	266016 672601
22	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 36.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A13SE (S)	3	5	265953 672536
23	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 61.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A13SE (S)	3	5	265996 672579
24	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 864.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A13SW (SW)	7	5	265849 672600
25	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 970.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A13SW (S)	7	5	265898 672546
26	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 6.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A13SW (S)	7	5	265898 672546
27	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 37.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A13SW (S)	7	5	265902 672541
28	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 128.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A13SW (S)	9	5	265926 672512

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
29	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 106.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A13NE (NE)	64	5	266090 672798
30	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 60.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A13SE (S)	132	5	266011 672416
31	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 37.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 2	A13SE (S)	132	5	266011 672416
32	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 253.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 2	A13SE (S)	159	5	266049 672413
33	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 53.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 2	A13SE (S)	159	5	266049 672413
34	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1022.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A13SE (S)	192	5	266051 672370
35	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 109.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 2	A13SE (S)	192	5	266051 672370
36	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 17.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A13SE (SE)	246	5	266246 672484
37	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 36.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A13SE (SE)	262	5	266252 672469

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
38	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 42.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A14SW (SE)	292	5	266293 672464
39	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 15.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A14SW (SE)	294	5	266313 672484
40	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 47.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 2	A8NE (SE)	298	5	266136 672304
41	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 5.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A14SW (SE)	300	5	266327 672491
42	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1259.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bothlin Burn Catchment Name: River Kelvin Primacy: 1	A14SW (SE)	304	5	266331 672491
43	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 90.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bothlin Burn Catchment Name: River Kelvin Primacy: 1	A14SW (SE)	304	5	266331 672491
44	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 4.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 2	A8NE (SE)	320	5	266182 672318
45	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 16.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 2	A8NE (SE)	324	5	266187 672317
46	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 312.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bothlin Burn Catchment Name: River Kelvin Primacy: 1	A14SW (SE)	328	5	266291 672414

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
47	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 155.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 2	A8NE (SE)	339	5	266202 672311
48	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 150.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 2	A9NW (SE)	469	5	266405 672327
49	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 31.4 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 2	A9NW (SE)	474	5	266347 672265
50	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 62.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 2	A9NW (SE)	545	5	266486 672301
51	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 496.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Cult Burn Catchment Name: River Kelvin Primacy: 1	A8SE (S)	572	5	266159 671978
52	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 371.0 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A8SW (S)	577	5	265786 671961
53	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 46.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Cult Burn Catchment Name: River Kelvin Primacy: 1	A8SW (S)	577	5	265786 671961
54	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 101.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Luggie Water Catchment Name: River Kelvin Primacy: 1	A18NW (N)	598	5	265925 673471
55	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 67.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Luggie Water Catchment Name: River Kelvin Primacy: 2	A18NW (N)	598	5	265932 673471

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
56	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 355.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Luggie Water Catchment Name: River Kelvin Primacy: 1	A18NW (N)	598	5	265932 673471
57	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 139.7 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A17SE (NW)	603	5	265511 673273
58	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 604.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 2	A9NW (SE)	606	5	266540 672269
59	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 89.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Cult Burn Catchment Name: River Kelvin Primacy: 1	A9NW (SE)	610	5	266506 672231
60	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 248.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bothlin Burn Catchment Name: River Kelvin Primacy: 1	A9NW (SE)	610	5	266506 672231
61	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.6 Watercourse Level: Underground Permanent: True Watercourse Name: Cult Burn Catchment Name: River Kelvin Primacy: 1	A8SE (SE)	615	5	266272 672008
62	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 20.1 Watercourse Level: Underground Permanent: True Watercourse Name: Cult Burn Catchment Name: River Kelvin Primacy: 1	A8SW (S)	617	5	265752 671929
63	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 237.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Cult Burn Catchment Name: River Kelvin Primacy: 1	A8SE (SE)	618	5	266283 672011
64	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 63.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Cult Burn Catchment Name: River Kelvin Primacy: 1	A8SW (S)	637	5	265741 671912

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
65	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A18NW (N)	644	5	265884 673513
66	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 30.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Luggie Water Catchment Name: River Kelvin Primacy: 1	A18NW (N)	645	5	265882 673513
67	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 12.0 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A18NW (N)	652	5	265888 673521
68	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 426.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Luggie Water Catchment Name: River Kelvin Primacy: 1	A18NW (N)	659	5	265854 673523
69	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 44.2 Watercourse Level: Underground Permanent: True Watercourse Name: Cult Burn Catchment Name: River Kelvin Primacy: 1	A9NW (SE)	680	5	266500 672126
70	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 767.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Luggie Water Catchment Name: River Kelvin Primacy: 1	A18NE (N)	690	5	266268 673493
71	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 527.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A8SW (S)	695	5	265625 671894
72	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 102.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Cult Burn Catchment Name: River Kelvin Primacy: 1	A8SW (S)	697	5	265711 671858
73	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 88.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Black Burn Catchment Name: River Kelvin Primacy: 1	A18NE (N)	712	5	266248 673527

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
74	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 181.8 Watercourse Level: Underground Permanent: True Watercourse Name: Black Burn Catchment Name: River Kelvin Primacy: 1	A19NW (NE)	737	5	266334 673511
75	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 210.8 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A17SE (NW)	743	5	265403 673361
76	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 259.3 Watercourse Level: Underground Permanent: True Watercourse Name: Cult Burn Catchment Name: River Kelvin Primacy: 1	A8SW (S)	787	5	265690 671770
77	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 353.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Bothlin Burn Catchment Name: River Kelvin Primacy: 1	A9NE (SE)	827	5	266639 672056
78	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 132.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A9NE (SE)	827	5	266639 672056
79	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 212.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Black Burn Catchment Name: River Kelvin Primacy: 1	A19NW (NE)	864	5	266509 673543
80	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 162.3 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A3NW (S)	888	5	265920 671631
81	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 25.3 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A19SE (NE)	900	5	266875 673120
82	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 11.6 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A9NE (SE)	901	5	266750 672063

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
83	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 137.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A9NE (SE)	910	5	266762 672061
84	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 1049.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Park Burn Catchment Name: River Kelvin Primacy: 1	A17SW (NW)	918	5	265085 673224
85	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 41.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A19SE (NE)	922	5	266890 673140
86	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 33.8 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A19SE (NE)	922	5	266890 673140
87	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 20.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A7SW (SW)	934	5	265157 671984
88	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 24.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A7SW (SW)	934	5	265266 671864
89	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 74.9 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A17NW (NW)	936	5	265219 673441
90	**OS Water Network Lines** Watercourse Form: Canal Watercourse Length: 887.5 Watercourse Level: suspendedOrElevated Permanent: True Watercourse Name: Forth and Clyde Canal Catchment Name: Glasgow Coastal Primacy: 1	A17NE (NW)	954	5	265292 673561
91	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 107.6 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A7NW (SW)	954	5	264955 672231

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
92	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 394.5 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A7SW (SW)	954	5	265141 671971
93	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 10.9 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A19SE (NE)	956	5	266920 673154
94	**OS Water Network Lines** Watercourse Form: Lake Watercourse Length: 14.2 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A19SE (NE)	966	5	266929 673161
95	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 483.1 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A7SW (SW)	988	5	265196 671859
96	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 61.8 Watercourse Level: Underground Permanent: True Watercourse Name: Cult Burn Catchment Name: River Kelvin Primacy: 1	A3NW (S)	988	5	265791 671541
97	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 402.4 Watercourse Level: On ground surface Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A9NE (SE)	992	5	266916 672125
98	**OS Water Network Lines** Watercourse Form: Inland river Watercourse Length: 205.5 Watercourse Level: Underground Permanent: True Watercourse Name: Not Supplied Catchment Name: River Kelvin Primacy: 1	A11NE (W)	993	5	264821 672729

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Local Authority Landfill Coverage Name: East Dunbartonshire Council - Has supplied landfill data		0	6	265950 672693
99	**Local Authority Recorded Landfill Sites** Location: Gas Works, Kirkintilloch Reference: STR/WM/22/1992 Authority: East Dunbartonshire Council, Development And Environment Directorate **Last Reported Status:** **Unknown** Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A13NE (NE)	0	6	266032 672749
100	**Local Authority Recorded Landfill Sites** Location: Waverly Crescent, Lairdsland Road, Kirkintilloch Reference: Not Supplied Authority: East Dunbartonshire Council, Development And Environment Directorate **Last Reported Status:** **Closed** Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A18NW (N)	684	6	265844 673547
101	**Local Authority Recorded Landfill Sites** Location: Southbank Road, Kirkintilloch Reference: STR/WM/3/1992 Authority: East Dunbartonshire Council, Development And Environment Directorate **Last Reported Status:** **Closed** Types of Waste: Not Supplied Date of Closure: Not Supplied Positional Accuracy: Positioned by the supplier Boundary Quality: Moderate	A17SW (NW)	921	6	265086 673232
102	**Registered Landfill Sites** Licence Holder: J C Campbell & Co Licence Reference: WML/W/00059 (16a/82 Site Location: Southbank Road, Kirkintilloch, South Lanarkshire Licence Easting: Not Supplied Licence Northing: Not Supplied Operator Location: 37 Arden Grove, Kilsyth, North Lanarkshire, G65 9nu Authority: Scottish Environment Protection Agency, West Region Site Category: Landfill Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source Restrictions: Some restriction on source of waste Status: Licence has completion certificateSurrendered Dated: 30th April 1982 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Positioned by the supplier Boundary Accuracy: Good Authorised Waste: Ind. Inert, Non-Flammable Inert,Non-Tox,Non-Ferr.Comm/Ind.Waste Inert,Non-Tox,Non-Ferrous Constr'N W. Prohibited Waste: All Controlled Wastes = Mod. Of 03/99	A17SW (NW)	921	2	265084 673227

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Registered Waste Treatment or Disposal Sites				
103	Licence Holder: W Hunter T/A General Autos Licence Reference: Wml/W/220094 Site Location: Southbank Road, Kirkintilloch, South Lanarkshire, G66 1nh Operator Location: Southbank Road, Kirkintilloch, South Lanarkshire, G66 1nh Authority: Scottish Environment Protection Agency, West Region Site Category: End of Life Vehicles Max Input Rate: Very Small (Less than 10,000 tonnes per year) Waste Source Restrictions: No known restriction on source of waste Licence Status: Site exempt from licenceExempt Dated: 7th July 2004 Preceded By Licence: Not Given Superseded By Licence: Not Given Positional Accuracy: Positioned by the supplier Boundary Quality: Good Authorised Waste: End Of Life Vehicles Hydraulic Fluids Lead/Acid Batteries Maximum Storage In Licence Oil Filters Scrap Metal (Excl. Elvs) Tyres Prohibited Waste: Other Waste / Waste Not Otherwise Specified	A17SW (NW)	981	2	264971 673160

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	BGS 1:625,000 Solid Geology Description: Clackmannan Group	A13SW (NW)	0	1	265950 672693
104	**BGS Recorded Mineral Sites** Site Name: Woodilee Colliery Pit No 1 Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 154917 Type: Underground **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Limestone Coal Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13NE (E)	145	1	266212 672759
104	**BGS Recorded Mineral Sites** Site Name: Woodilee Colliery Pit No 2 Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 154918 Type: Underground **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Limestone Coal Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A13NE (E)	175	1	266242 672768
105	**BGS Recorded Mineral Sites** Site Name: Woodilee Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 154916 Type: Opencast **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Limestone Coal Formation Commodity: Sandstone Positional Accuracy: Located by supplier to within 10m	A14NE (E)	572	1	266655 672780
106	**BGS Recorded Mineral Sites** Site Name: Oxgang Pit Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 154913 Type: Underground **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Limestone Coal Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A19SW (NE)	727	1	266536 673322
107	**BGS Recorded Mineral Sites** Site Name: Oxgang Pit Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 154914 Type: Underground **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Limestone Coal Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A19NE (NE)	871	1	266660 673397

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
108	**BGS Recorded Mineral Sites** Site Name: Woodilee House Pit Location: Not Supplied Source: British Geological Survey, National Geoscience Information Service Reference: 154919 Type: Underground **Status: Ceased** Operator: Not Supplied Operator Location: Not Supplied Periodic Type: Carboniferous Geology: Limestone Coal Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A15NW (E)	989	1	267055 672905
	Coal Mining Affected Areas Description: In an area which may be affected by coal mining activity. It is recommended that a coal mining report is obtained from the Coal Authority. Contact details are included in the Useful Contacts section of this report.	A13SW (NW)	0	7	265950 672693
	Mining Instability Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13SW (NW)	0	-	265950 672693
	Non Coal Mining Areas of Great Britain Risk: Rare Source: British Geological Survey, National Geoscience Information Service	A13SW (NW)	0	1	265950 672693
	Potential for Collapsible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (NW)	0	1	265950 672693
	Potential for Collapsible Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	6	1	265879 672782
	Potential for Compressible Ground Stability Hazards Hazard Potential: Moderate Source: British Geological Survey, National Geoscience Information Service	A13SW (NW)	0	1	265950 672693
	Potential for Compressible Ground Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	6	1	265879 672782
	Potential for Ground Dissolution Stability Hazards Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SW (NW)	0	1	265950 672693
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (W)	45	1	265794 672741
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SE (E)	101	1	266194 672681
	Potential for Ground Dissolution Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (SW)	134	1	265770 672498
	Potential for Landslide Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (NW)	0	1	265950 672693
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Low Source: British Geological Survey, National Geoscience Information Service	A13SW (NW)	0	1	265950 672693
	Potential for Running Sand Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	6	1	265879 672782
	Potential for Shrinking or Swelling Clay Ground Stability Hazards Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13SW (NW)	0	1	265950 672693
	Radon Potential - Radon Affected Areas Affected Area: The property is in a Lower probability radon area (less than 1% of homes are estimated to be at or above the Action Level). Source: British Geological Survey, National Geoscience Information Service	A13SW (NW)	0	1	265950 672693

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	Radon Potential - Radon Protection Measures Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13SW (NW)	0	1	265950 672693

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
109	**Contemporary Trade Directory Entries** Name: Paulamar Co Ltd Location: Woodilee Road, Kirkintilloch, Glasgow, G66 3TU Classification: Foam Products - Rubber & Plastics **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	136	-	266161 672820
110	**Contemporary Trade Directory Entries** Name: Xpress Ironing Services Location: 90, Monkland Avenue, Kirkintilloch, Glasgow, G66 3BP Classification: Ironing & Home Laundry Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NW (NW)	175	-	265708 672798
111	**Contemporary Trade Directory Entries** Name: P W Hall Ltd Location: Woodilee Road, Kirkintilloch, Glasgow, G66 3UR Classification: Plastic Products - Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	224	-	266190 672936
111	**Contemporary Trade Directory Entries** Name: P W Hall Ltd Location: Woodilee Road, Kirkintilloch, Glasgow, G66 3UR Classification: Plastic Products - Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A13NE (NE)	224	-	266190 672936
112	**Contemporary Trade Directory Entries** Name: F1 Electical Wholesale Location: Unit 2,Woodilee Rd, Lenzie/Kirkintilloch, Glasgow, Lanarkshire, G66 3UU Classification: Electrical Goods Sales, Manufacturers & Wholesalers **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A13NE (NE)	224	-	266262 672826
113	**Contemporary Trade Directory Entries** Name: The Blinds Warehouse Location: wooderley industiral estate, Glasgow, Lanarkshire, G66 3TY Classification: Blinds, Awnings & Canopies **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A13NE (NE)	276	-	266258 672927
114	**Contemporary Trade Directory Entries** Name: D Arnott Location: 94, Loch Road, Kirkintilloch, Glasgow, G66 3EA Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SE (NE)	324	-	266198 673097
115	**Contemporary Trade Directory Entries** Name: C L F Scotland Ltd Location: 13, Woodilee Road, Kirkintilloch, Glasgow, G66 3UU Classification: Steel Manufacturers **Status: Active** Positional Accuracy: Automatically positioned to the address	A14NW (E)	341	-	266384 672854
115	**Contemporary Trade Directory Entries** Name: Personalised Print Shop Ltd Location: Unit 17b, Woodilee Road, Kirkintilloch, Glasgow, G66 3UU Classification: Printers **Status: Active** Positional Accuracy: Automatically positioned to the address	A14NW (E)	380	-	266427 672857
115	**Contemporary Trade Directory Entries** Name: Peter Cook Ltd Location: Unit 1 Woodilee Road,Lenzie, Kirkintilloch, Glasgow, Lanarkshire, G66 3UU Classification: Joinery Manufacturers **Status: Active** Positional Accuracy: Manually positioned within the geographical locality	A14NW (E)	384	-	266424 672871
115	**Contemporary Trade Directory Entries** Name: A C C Supplies Location: Woodilee Industrial Estate, Woodilee Road, Kirkintilloch, Glasgow, G66 3UU Classification: Adhesives, Glues & Sealants **Status: Inactive** Positional Accuracy: Automatically positioned in the proximity of the address	A14NW (E)	396	-	266427 672887
115	**Contemporary Trade Directory Entries** Name: P & R Body Repairs Location: Woodilee Industrial Estate, Woodilee Road, Kirkintilloch, Glasgow, G66 3UU Classification: Car Body Repairs **Status: Inactive** Positional Accuracy: Automatically positioned in the proximity of the address	A14NW (E)	396	-	266427 672887

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
115	**Contemporary Trade Directory Entries** Name: Hewden Stuart Crane Hire Ltd Location: Woodilee Industrial Estate, Woodilee Road, Kirkintilloch, Glasgow, G66 3UU Classification: Crane Hire, Sales & Service **Status: Inactive** Positional Accuracy: Automatically positioned in the proximity of the address	A14NW (E)	396	-	266427 672887
115	**Contemporary Trade Directory Entries** Name: Carrel & Yuill Ltd Location: Unit 6, Woodilee Industrial Estate, Woodilee Road, Kirkintilloch, Glasgow, G66 3UU Classification: Joinery Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NW (E)	412	-	266462 672858
115	**Contemporary Trade Directory Entries** Name: Woodilee M O T Centre Ltd Location: Unit 7, Woodilee Industrial Estate, Woodilee Road, Kirkintilloch, Glasgow, G66 3UU Classification: Mot Testing Centres **Status: Active** Positional Accuracy: Automatically positioned to the address	A14NW (E)	420	-	266466 672868
115	**Contemporary Trade Directory Entries** Name: J M C Scotland Location: Unit 2, Woodilee Road, Kirkintilloch, Glasgow, G66 3UU Classification: Plant & Machinery Repairs **Status: Active** Positional Accuracy: Automatically positioned to the address	A14NW (E)	420	-	266466 672868
115	**Contemporary Trade Directory Entries** Name: J Hendrie Location: Unit 3, Woodilee Road, Lenzie Kirkintilloch, Glasgow, Lanarkshire, G66 3UU Classification: Garage Services **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A14NW (E)	420	-	266466 672868
115	**Contemporary Trade Directory Entries** Name: Arnold Clark Location: Unit 3, Woodilee Road, Lenzie Kirkintilloch, Glasgow, Lanarkshire, G66 3UU Classification: Garage Services **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A14NW (E)	420	-	266466 672868
115	**Contemporary Trade Directory Entries** Name: Forte Cabin Location: Unit 7, Woodilee Industrial Estate, Woodilee Road, Lenzie, Kirkintilloch, Glasgow, Lanarkshire, G66 3UU Classification: Manufacturers **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A14NW (E)	420	-	266466 672868
116	**Contemporary Trade Directory Entries** Name: Hewden Power Location: Woodilee Rd, Lenzie/Kirkintilloch, Glasgow, Lanarkshire, G66 3UU Classification: Generators - Sales & Service **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A14NW (NE)	348	-	266340 672934
117	**Contemporary Trade Directory Entries** Name: Presavation Windows Location: Unit 6, Woodilee Industrial Estate, Woodilee Road, Kirkintilloch, Glasgow, G66 3UU Classification: Windows - Sash **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A14NW (NE)	413	-	266410 672945
118	**Contemporary Trade Directory Entries** Name: In-Crease Ironing Ltd Location: 10, Waterside Road, Kirkintilloch, Glasgow, G66 3HA Classification: Ironing & Home Laundry Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18SE (N)	479	-	266029 673349
119	**Contemporary Trade Directory Entries** Name: Thistle Chem-Dry Location: 19, St. Columba Drive, Kirkintilloch, Glasgow, G66 3JN Classification: Carpet, Curtain & Upholstery Cleaners **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A19SW (NE)	521	-	266376 673192

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
120	**Contemporary Trade Directory Entries** Name: Rundell-Group Location: 52, Industry Street, Kirkintilloch, Glasgow, G66 3AG Classification: Catering Equipment - Servicing & Repairs **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NW (N)	553	-	265877 673420
121	**Contemporary Trade Directory Entries** Name: 1st Class Cleaning Plus Location: 69, St. Columba Drive, Kirkintilloch, Glasgow, G66 3JS Classification: Cleaning Services - Domestic **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A19SW (NE)	598	-	266349 673331
122	**Contemporary Trade Directory Entries** Name: Auld Aisle Cemetery Location: Auld Aisle Cemetery House, Auld Aisle Road, Kirkintilloch, Glasgow, G66 3HH Classification: Cemeteries & Crematoria **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A19SW (NE)	621	-	266528 673144
123	**Contemporary Trade Directory Entries** Name: Shannon Games Location: 21A Industry St, Kirkintilloch, Glasgow, Lanarkshire, G66 3AD Classification: Toys, Games & Sporting Goods - Manufacturers **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A18NW (N)	624	-	265771 673468
124	**Contemporary Trade Directory Entries** Name: Lenzie Service Station Location: Kirkintilloch Rd, Kirkintilloch, Glasgow, G66 4LD Classification: Petrol Filling Stations **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A7NE (SW)	635	-	265382 672180
125	**Contemporary Trade Directory Entries** Name: M D C Ltd Location: Whitegates,6 Lenzie Rd, Kirkintilloch, Glasgow, Lanarkshire, G66 3BL Classification: Mirrors & Decorative Glass **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	646	-	265543 673364
126	**Contemporary Trade Directory Entries** Name: Viewfield Design Location: Unit 11, Whitegates, Lenzie Road, Kirkintilloch, GLASGOW, G66 3BQ Classification: Printers **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	687	-	265366 673228
126	**Contemporary Trade Directory Entries** Name: Viewfield Location: Unit 11, Whitegates, Lenzie Road, Kirkintilloch, Glasgow, G66 3BQ Classification: Printers **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	688	-	265366 673229
126	**Contemporary Trade Directory Entries** Name: Carrs Furniture & Crafts Location: 62, The Loaning, Kirkintilloch, Glasgow, G66 4AF Classification: Cabinet Makers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	704	-	265328 673204
127	**Contemporary Trade Directory Entries** Name: Corporate Presentations Systems Ltd Location: 55, Donaldson Street, Kirkintilloch, Glasgow, G66 1XG Classification: Lamination & Encapsulation Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	717	-	265390 673305
127	**Contemporary Trade Directory Entries** Name: P H M Services Location: 51, Donaldson Street, Kirkintilloch, Glasgow, Lanarkshire, G66 1XG Classification: Water Coolers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	717	-	265390 673305
127	**Contemporary Trade Directory Entries** Name: Water Express (Scotland) Ltd Location: 51, Donaldson Street, Kirkintilloch, Glasgow, Lanarkshire, G66 1XG Classification: Water Coolers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	717	-	265390 673305

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
127	**Contemporary Trade Directory Entries** Name: Grenco Location: 55, Donaldson Street, Kirkintilloch, Glasgow, G66 1XG Classification: Industrial Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	717	-	265390 673305
127	**Contemporary Trade Directory Entries** Name: Able2wear Location: 53, Donaldson Street, Kirkintilloch, Glasgow, G66 1XG Classification: Disability Equipment - Manufacturers & Suppliers **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	719	-	265387 673305
128	**Contemporary Trade Directory Entries** Name: Kirkie Filling Station Location: 80, Waterside Road, Kirkintilloch, Glasgow, G66 3HG Classification: Petrol Filling Stations **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A19SW (NE)	720	-	266508 673345
128	**Contemporary Trade Directory Entries** Name: Calanike Retailing Location: 80, Waterside Road, Kirkintilloch, Glasgow, G66 3HG Classification: Petrol Filling Stations **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A19SW (NE)	720	-	266508 673345
128	**Contemporary Trade Directory Entries** Name: Kirkie Filling Station Location: 80, Waterside Road, Kirkintilloch, GLASGOW, G66 3HG Classification: Petrol Filling Stations **Status: Active** Positional Accuracy: Automatically positioned to the address	A19SW (NE)	720	-	266508 673345
128	**Contemporary Trade Directory Entries** Name: Calanike Retailing Location: 82, Waterside Road, Kirkintilloch, Glasgow, G66 3HG Classification: Petrol Filling Stations **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A19SW (NE)	758	-	266557 673345
129	**Contemporary Trade Directory Entries** Name: Tidy Friday Location: 4a, Heath Avenue, Kirkintilloch, Glasgow, G66 4LG Classification: Ironing & Home Laundry Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7SE (SW)	723	-	265454 671977
130	**Contemporary Trade Directory Entries** Name: Top Cat Blinds Location: 4, Donaldson Place, Kirkintilloch, Glasgow, G66 1XA Classification: Blinds, Awnings & Canopies **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	725	-	265580 673489
130	**Contemporary Trade Directory Entries** Name: Delux Cleaning & Ironing Services Ltd Location: 4 Donaldson Pl, Kirkintilloch, Glasgow, Lanarkshire, G66 1XA Classification: Cleaning Services - Domestic **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A17NE (NW)	728	-	265578 673492
131	**Contemporary Trade Directory Entries** Name: Minuteman Press Kirkintilloch Location: 109, Townhead, Kirkintilloch, Glasgow, G66 1NX Classification: Printers **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	746	-	265647 673550
132	**Contemporary Trade Directory Entries** Name: Ceramic Experience Location: 7, Donaldson Crescent, Kirkintilloch, Glasgow, G66 1XF Classification: Pottery Manufacturers & Suppliers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	762	-	265336 673311
132	**Contemporary Trade Directory Entries** Name: Marine Electrical Installation Location: 15, Donaldson Crescent, Kirkintilloch, Glasgow, G66 1XF Classification: Marine Electrical Services **Status: Active** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	764	-	265319 673293

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
132	**Contemporary Trade Directory Entries** Name: Kenwil Print & Design Ltd Location: 15, Donaldson Crescent, Kirkintilloch, Glasgow, G66 1XF Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	770	-	265312 673293
132	**Contemporary Trade Directory Entries** Name: Delkatt-Russell Location: 15-17 Donaldson Cr, Kirkintilloch, Glasgow, Lanarkshire, G66 1XF Classification: Cabinet Makers **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	779	-	265285 673274
132	**Contemporary Trade Directory Entries** Name: Rail Maintenance Location: 17, Donaldson Crescent, Kirkintilloch, Glasgow, G66 1XF Classification: Railways **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SE (NW)	780	-	265285 673275
132	**Contemporary Trade Directory Entries** Name: On Line Blinds Location: Donaldson Crescent, Kirkintilloch, Glasgow, G66 1XF Classification: Blinds, Awnings & Canopies **Status: Inactive** Positional Accuracy: Automatically positioned in the proximity of the address	A17SE (NW)	795	-	265296 673312
133	**Contemporary Trade Directory Entries** Name: Fluid Power Systems Location: 6, Auchinloch Road, Kirkintilloch, Glasgow, G66 5ER Classification: Hydraulic Engineers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7SE (SW)	766	-	265573 671843
134	**Contemporary Trade Directory Entries** Name: Sprint Solutions Scotland Ltd Location: Unit 3 South Bank Business Park,10 Donaldson Crescent, Kirkintilloch, Glasgow, Lanarkshire, G66 1XF Classification: Paper & Cardboard Products & Packaging - Manufacturers **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	768	-	265344 673329
135	**Contemporary Trade Directory Entries** Name: Murray Fraser Appliances Location: 3, Willowbank Gardens, Kirkintilloch, Glasgow, G66 3AN Classification: Washing Machines - Servicing & Repairs **Status: Active** Positional Accuracy: Automatically positioned to the address	A18NW (N)	787	-	265682 673609
136	**Contemporary Trade Directory Entries** Name: Brae Dental Laboratory Location: 114, Redbrae Road, Kirkintilloch, Glasgow, G66 2DD Classification: Medical & Dental Laboratories **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A18NE (N)	814	-	266152 673666
137	**Contemporary Trade Directory Entries** Name: Beaumont Service Location: 21-23, Donaldson Crescent, Kirkintilloch, Glasgow, Lanarkshire, G66 1XF Classification: Air Conditioning Equipment & Systems **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	817	-	265249 673288
137	**Contemporary Trade Directory Entries** Name: General Autos Car Breakers Location: 55, Donaldson Street, Kirkintilloch, Glasgow, G66 1XG Classification: Car Breakdown & Recovery Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	841	-	265237 673314
137	**Contemporary Trade Directory Entries** Name: Impress Home Ironing Service Location: 25, Donaldson Crescent, Kirkintilloch, Glasgow, G66 1XF Classification: Ironing & Home Laundry Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17SW (NW)	846	-	265237 673320

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
138	**Contemporary Trade Directory Entries** Name: Assist Car Credit Location: Milngavie Enterprise Centre, Ellangowan Court, Milngavie, Glasgow, G62 8PH Classification: Car Dealers - Used **Status: Active** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	819	-	265333 673396
138	**Contemporary Trade Directory Entries** Name: Emerson Location: Unit 16, Enterprise House, Strathkelvin Place, Kirkintilloch, Glasgow, G66 1XQ Classification: Electricity Generating & Distributing Equipment **Status: Active** Positional Accuracy: Automatically positioned to the address	A17NE (NW)	819	-	265333 673396
138	**Contemporary Trade Directory Entries** Name: Best Buy Office Chairs Location: Suite 10 Enterprise House,Southbank Business Park, Kirkintilloch, Glasgow, Lanarkshire, G66 1XQ Classification: Office Furniture & Equipment **Status: Active** Positional Accuracy: Manually positioned to the address or location	A17NE (NW)	841	-	265289 673378
138	**Contemporary Trade Directory Entries** Name: Travis Perkins Location: Strathkelvin Pl, Kirkintilloch, Glasgow, Lanarkshire, G66 1XH Classification: Builders' Merchants **Status: Inactive** Positional Accuracy: Manually positioned within the geographical locality	A17NE (NW)	855	-	265315 673431
139	**Contemporary Trade Directory Entries** Name: Supertune Scotland Location: 8, Moss Road, Kirkintilloch, Glasgow, G66 4HY Classification: Car Engine Tuning & Diagnostic Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A12SW (W)	837	-	264974 672656
140	**Contemporary Trade Directory Entries** Name: Inverclad Ltd Location: Enterprise Ho,Southbank Rd, Kirkintilloch, Glasgow, Lanarkshire, G66 1XQ Classification: Cladding Suppliers & Installers **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	842	-	265282 673370
140	**Contemporary Trade Directory Entries** Name: Computasolutions Location: Enterprise House,Strathkelvin Pl, Kirkintilloch, Glasgow, Lanarkshire, G66 1XQ Classification: Office Furniture & Equipment **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A17SE (NW)	842	-	265282 673370
141	**Contemporary Trade Directory Entries** Name: Nethram Ltd Location: 11, Bridgeway Road, Kirkintilloch, Glasgow, G66 3HP Classification: Office Equipment Manufacturers & Distributors **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A19SE (NE)	858	-	266705 673307
142	**Contemporary Trade Directory Entries** Name: Dust N Vac Location: 6, Willowbank Gardens, Kirkintilloch, Glasgow, G66 3AN Classification: Cleaning Services - Domestic **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A23SW (N)	863	-	265757 673712
143	**Contemporary Trade Directory Entries** Name: Lenzie Graphics Printing Ltd Location: 12, Heath Avenue, Kirkintilloch, Glasgow, G66 4LG Classification: Printers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A7SE (SW)	863	-	265318 671913
144	**Contemporary Trade Directory Entries** Name: Wallpaper & Paint Shop Location: 61, Townhead, Kirkintilloch, Glasgow, G66 1NN Classification: Wallpapers & Wall Coverings **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17NE (N)	883	-	265596 673677

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
145	**Contemporary Trade Directory Entries** Name: Lenzie Autocare Location: Glenhead Rd, Lenzie/Kirkintilloch, Glasgow, Lanarkshire, G66 5EX Classification: Garage Services **Status: Inactive** Positional Accuracy: Manually positioned to the road within the address or location	A3NW (S)	918	-	265675 671638
145	**Contemporary Trade Directory Entries** Name: A Fletcher Location: Glenhead Road, Kirkintilloch, Glasgow, G66 5EX Classification: Musical Instrument - Manufacturers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A3NW (S)	921	-	265684 671633
145	**Contemporary Trade Directory Entries** Name: Lenzie Car Services Location: 1, Glenhead Road, Kirkintilloch, Glasgow, G66 5EX Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A3NW (S)	938	-	265673 671618
146	**Contemporary Trade Directory Entries** Name: Keyline Builders Merchants Location: 8, Strathkelvin Place, Kirkintilloch, Glasgow, G66 1XT Classification: Builders' Merchants **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A17NW (NW)	923	-	265238 673445
147	**Contemporary Trade Directory Entries** Name: Townhead Dry Cleaning N Ironing Shop Location: 33, Townhead, Kirkintilloch, Glasgow, G66 1NG Classification: Dry Cleaners **Status: Active** Positional Accuracy: Automatically positioned to the address	A22SE (N)	944	-	265561 673728
147	**Contemporary Trade Directory Entries** Name: Home Care Location: 33, Townhead, Kirkintilloch, Glasgow, Lanarkshire, G66 1NG Classification: Hardware **Status: Active** Positional Accuracy: Automatically positioned to the address	A22SE (N)	944	-	265561 673728
147	**Contemporary Trade Directory Entries** Name: Happy Hardware Location: 15, Townhead, Kirkintilloch, Glasgow, G66 1NG Classification: Hardware **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A22SE (N)	992	-	265531 673767
148	**Contemporary Trade Directory Entries** Name: W S Diesel Ltd Location: Glenhead Road, Lenzie Kirkintilloch, Glasgow, Lanarkshire, G66 5EX Classification: Diesel Engine Equipment & Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A3NW (S)	963	-	265741 671575
148	**Contemporary Trade Directory Entries** Name: Williamson'S Auto Services Location: Glenhead Road, Kirkintilloch, Glasgow, G66 5EX Classification: Garage Services **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A3NW (S)	963	-	265741 671575
148	**Contemporary Trade Directory Entries** Name: Gillespie Location: 63-69, Auchinloch Road, Kirkintilloch, Glasgow, G66 5EZ Classification: Petrol Filling Stations **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A3NW (S)	973	-	265765 671561
148	**Contemporary Trade Directory Entries** Name: Arnold Clark Automobiles Ltd Location: 63-69, Auchinloch Road, Kirkintilloch, Glasgow, G66 5EZ Classification: Car Dealers **Status: Active** Positional Accuracy: Automatically positioned to the address	A3NW (S)	973	-	265765 671561
148	**Contemporary Trade Directory Entries** Name: Arnold Clark Location: 63-69, Auchinloch Road, Lenzie, Kirkintilloch, Glasgow, Lanarkshire, G66 5EZ Classification: Car Dealers **Status: Inactive** Positional Accuracy: Automatically positioned to the address	A3NW (S)	973	-	265765 671561

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
149	**Contemporary Trade Directory Entries** Name: Initial Hospital Services Ltd Location: Woodilee Hospital, Kirkintilloch, Glasgow, G66 3UG Classification: Cleaning Services - Commercial **Status: Inactive** Positional Accuracy: Manually positioned to the address or location	A15NW (E)	990	-	267078 672762
150	**Fuel Station Entries** Name: Lenzie Service Station Location: 59, Kirkintilloch Road Cedar Drive, Kirkintilloch , Glasgow, East Dunbartonshire, G66 4LD Brand: Bp Premises Type: Not Applicable **Status: Obsolete** Positional Accuracy: Manually positioned to the address or location	A7NE (SW)	604	-	265386 672221
151	**Fuel Station Entries** Name: Kirkie Filling Station Location: 80, Waterside Road Old Aisle Road, Kirkintilloch , Glasgow, East Dunbartonshire, G66 3HG Brand: Gulf Premises Type: Petrol Station **Status: Open** Positional Accuracy: Automatically positioned to the address	A19SW (NE)	720	-	266508 673345
152	**Fuel Station Entries** Name: Millersneuk Garage Location: 63-69, Auchinloch Road Kirkintilloch Road, Kirkintilloch , Glasgow, East Dunbartonshire, G66 5EZ Brand: Unbranded Premises Type: Not Applicable **Status: Obsolete** Positional Accuracy: Automatically positioned to the address	A3NW (S)	973	-	265765 671561

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
153	**Ancient Woodland** Name: Not Supplied Reference: 29730 Area(m²): 51091.35 Type: Ancient and Semi-Natural Woodland	A13SE (SE)	323	8	266267 672392
154	**Ancient Woodland** Name: Not Supplied Reference: 29727 Area(m²): 21597.94 Type: Long-Established Woodland of Plantation Origin	A14SW (E)	498	8	266584 672601
155	**Areas of Adopted Green Belt** Authority: East Dunbartonshire Council Plan Name: East Dunbartonshire Local Development Plan **Status: Adopted** Plan Date: 23rd February 2017	A13SE (SE)	240	9	266280 672520
156	**Local Nature Reserves** Name: Lenzie Moss Multiple Area: N Area (m2): 335988.71 Source: East Dunbartonshire Council Designation Date: Not Supplied	A7NW (SW)	933	9	265078 672074

Data Currency

Agency & Hydrological	Version	Update Cycle
Contaminated Land Register Entries and Notices		
East Dunbartonshire Council	December 2014	Annual Rolling Update
North Lanarkshire Council	October 2017	Annually
Glasgow City Council	September 2014	Annual Rolling Update
Discharge Consents		
Scottish Environment Protection Agency - West Region	May 1998	Not Applicable
Enforcement and Prohibition Notices		
Scottish Environment Protection Agency - West Region	January 2012	Not Applicable
Integrated Pollution Controls		
Scottish Environment Protection Agency - Head Office	February 1998	Variable
Scottish Environment Protection Agency - West Region	March 2002	Variable
Local Authority Pollution Prevention and Controls		
Scottish Environment Protection Agency - West Region	March 2002	Not Applicable
Local Authority Pollution Prevention and Control Enforcements		
Scottish Environment Protection Agency - West Region	January 1998	Variable
Nearest Surface Water Feature		
Ordnance Survey	September 2017	
Prosecutions Relating to Authorised Processes		
Scottish Environment Protection Agency - West Region	March 2007	Not Applicable
Prosecutions Relating to Controlled Waters		
Scottish Environment Protection Agency - West Region	March 2007	Not Applicable
Registered Radioactive Substances		
Scottish Environment Protection Agency - West Region	April 1996	Not Applicable
Scottish Environment Protection Agency - Head Office	January 1998	Not Applicable
River Quality		
Scottish Environment Protection Agency - Head Office	December 1990	Not Applicable
Scottish Environment Protection Agency - West Region	December 1990	Not Applicable
Water Abstractions		
Scottish Government - Agriculture, Environment and Fisheries Department	December 1997	Not Applicable
Water Industry Act Referrals		
Scottish Environment Protection Agency - West Region	April 1996	As Designated
Groundwater Vulnerability		
Scottish Environment Protection Agency - Head Office	December 1995	Not Applicable
Scottish Environment Protection Agency - West Region	December 1995	Not Applicable
Drift Deposits		
Scottish Environment Protection Agency - Head Office	December 1995	Not Applicable
Scottish Environment Protection Agency - West Region	December 1995	Not Applicable
River Flood Data (Scotland)		
Centre for Ecology and Hydrology	September 1999	Not Applicable
OS Water Network Lines		
Ordnance Survey	May 2018	Quarterly
BGS Groundwater Flooding Susceptibility		
British Geological Survey - National Geoscience Information Service	May 2013	As notified

Data Currency

Waste	Version	Update Cycle
BGS Recorded Landfill Sites		
British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
Integrated Pollution Control Registered Waste Sites		
Scottish Environment Protection Agency - Head Office	January 1998	Not Applicable
Scottish Environment Protection Agency - West Region	January 1998	Not Applicable
Local Authority Landfill Coverage		
East Dunbartonshire Council - Development And Environment Directorate	May 2000	Not Applicable
Glasgow City Council	May 2000	Not Applicable
North Lanarkshire Council	May 2000	Not Applicable
Local Authority Recorded Landfill Sites		
East Dunbartonshire Council - Development And Environment Directorate	May 2000	Not Applicable
Glasgow City Council	May 2000	Not Applicable
North Lanarkshire Council	May 2000	Not Applicable
Registered Landfill Sites		
Scottish Environment Protection Agency - Head Office	December 2005	Not Applicable
Scottish Environment Protection Agency - West Region	December 2005	Not Applicable
Registered Waste Transfer Sites		
Scottish Environment Protection Agency - Head Office	December 2005	Not Applicable
Scottish Environment Protection Agency - West Region	December 2005	Not Applicable
Registered Waste Treatment or Disposal Sites		
Scottish Environment Protection Agency - Head Office	December 2005	Not Applicable
Scottish Environment Protection Agency - West Region	December 2005	Not Applicable
Hazardous Substances	**Version**	**Update Cycle**
Control of Major Accident Hazards Sites (COMAH)		
Health and Safety Executive	April 2018	Bi-Annually
Explosive Sites		
Health and Safety Executive	March 2017	Variable
Notification of Installations Handling Hazardous Substances (NIHHS)		
Health and Safety Executive	November 2000	Not Applicable
Planning Hazardous Substance Enforcements		
North Lanarkshire Council - Planning & Environment (Northern Division)	April 2008	Variable
North Lanarkshire Council - Planning & Environment (Southern Division)	April 2008	Variable
North Lanarkshire Council - Planning & Environment (Central Division)	April 2016	Variable
East Dunbartonshire Council - Planning Department	February 2016	Variable
Glasgow City Council - Planning Department	February 2016	Variable
Planning Hazardous Substance Consents		
North Lanarkshire Council - Planning & Environment (Northern Division)	April 2008	Variable
North Lanarkshire Council - Planning & Environment (Southern Division)	April 2008	Variable
North Lanarkshire Council - Planning & Environment (Central Division)	April 2016	Variable
East Dunbartonshire Council - Planning Department	February 2016	Variable
Glasgow City Council - Planning Department	February 2016	Variable

Data Currency

Geological	Version	Update Cycle
BGS 1:625,000 Solid Geology British Geological Survey - National Geoscience Information Service	January 2009	Not Applicable
BGS Recorded Mineral Sites British Geological Survey - National Geoscience Information Service	May 2018	Bi-Annually
CBSCB Compensation District Cheshire Brine Subsidence Compensation Board (CBSCB)	August 2011	Not Applicable
Coal Mining Affected Areas The Coal Authority - Property Searches	March 2014	As notified
Mining Instability Ove Arup & Partners	October 2000	Not Applicable
Non Coal Mining Areas of Great Britain British Geological Survey - National Geoscience Information Service	May 2015	Not Applicable
Potential for Collapsible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Compressible Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Ground Dissolution Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Landslide Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Running Sand Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	As notified
Potential for Shrinking or Swelling Clay Ground Stability Hazards British Geological Survey - National Geoscience Information Service	June 2015	As notified
Radon Potential - Radon Affected Areas British Geological Survey - National Geoscience Information Service	July 2011	As notified
Radon Potential - Radon Protection Measures British Geological Survey - National Geoscience Information Service	July 2011	As notified
Industrial Land Use	**Version**	**Update Cycle**
Contemporary Trade Directory Entries Thomson Directories	May 2018	Quarterly
Fuel Station Entries Catalist Ltd - Experian	April 2018	Quarterly
Gas Pipelines National Grid	July 2014	Quarterly

Data Currency

Sensitive Land Use	Version	Update Cycle
Ancient Woodland		
Scottish Natural Heritage	July 2014	Bi-Annually
Areas of Adopted Green Belt		
East Dunbartonshire Council	February 2018	As notified
Glasgow City Council	February 2018	As notified
North Lanarkshire Council	February 2018	As notified
Areas of Unadopted Green Belt		
East Dunbartonshire Council	February 2018	As notified
Glasgow City Council	February 2018	As notified
North Lanarkshire Council	February 2018	As notified
Environmentally Sensitive Areas		
Scottish Government	January 2017	
Forest Parks		
Forestry Commission	April 1997	Not Applicable
Local Nature Reserves		
East Dunbartonshire Council	February 2018	Bi-Annually
Glasgow City Council	February 2018	Bi-Annually
North Lanarkshire Council	February 2018	Bi-Annually
Marine Nature Reserves		
Scottish Natural Heritage	September 2017	Bi-Annually
National Nature Reserves		
Scottish Natural Heritage	February 2018	Bi-Annually
National Parks		
Scottish Government	December 2013	Bi-Annually
National Scenic Areas		
Scottish Government	December 2013	Bi-Annually
Nitrate Vulnerable Zones		
Scottish Government	October 2015	Annually
Ramsar Sites		
Scottish Natural Heritage	January 2015	Bi-Annually
Sites of Special Scientific Interest		
Scottish Natural Heritage	November 2017	Bi-Annually
Special Areas of Conservation		
Scottish Natural Heritage	November 2017	Bi-Annually
Special Protection Areas		
Scottish Natural Heritage	November 2017	Bi-Annually
World Heritage Sites		
Historic Environment Scotland	July 2018	Bi-Annually

Data Suppliers

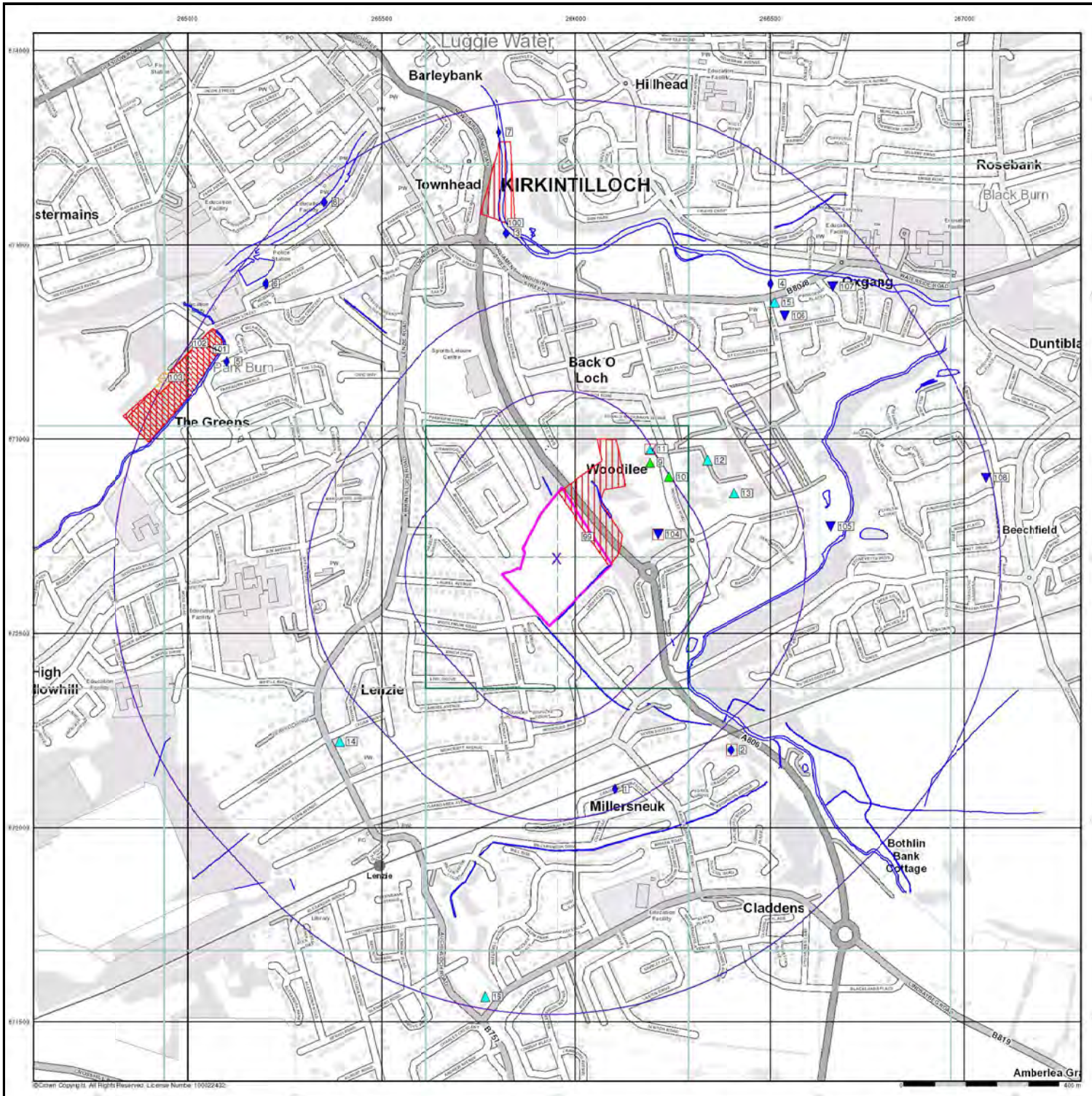
A selection of organisations who provide data within this report

Data Supplier	Data Supplier Logo
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	
Centre for Ecology and Hydrology	
Natural Resources Wales	
Scottish Natural Heritage	
Natural England	
Public Health England	
Ove Arup	
Peter Brett Associates	

Useful Contacts

Contact	Name and Address	Contact Details
1	**British Geological Survey - Enquiry Service** British Geological Survey, Environmental Science Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: enquiries@bgs.ac.uk Website: www.bgs.ac.uk
2	**Scottish Environment Protection Agency - West Region** 5 Redwood Crescent, Peel Park, East Kilbride, South Lanarkshire, G74 5PP	Telephone: 01355 574200 Fax: 01355 574688
3	**Scottish Environment Protection Agency - Head Office** Erskine Court, The Castle Business Park, Stirling, Stirlingshire, FK9 4TR	Telephone: 01786 457700 Fax: 01786 446885
4	**Centre for Ecology and Hydrology** Maclean Building, Crowmarsh Gifford, WALLINGFORD, Oxfordshire, OX10 8BB	Telephone: 01491 838800 Fax: 01491 692424
5	**Ordnance Survey** Adanac Drive, Southampton, Hampshire, SO16 0AS	Telephone: 03456 05 05 05 Email: customerservices@ordnancesurvey.co.uk Website: www.ordnancesurvey.gov.uk
6	**East Dunbartonshire Council - Development And Environment Directorate** Whitegates, Lenzie Road, Kirkintilloch, East Dunbartonshire, G66 3BQ	Telephone: 0141 578 8402 Website: www.eastdunbarton.gov.uk
7	**The Coal Authority - Property Searches** 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0345 762 6848 Fax: 01623 637 338 Email: groundstability@coal.gov.uk Website: www2.groundstability.com
8	**Scottish Natural Heritage** 12 Hope Terrace, Edinburgh, Midlothian, EH9 2AS	Telephone: 0131 447 4784 Fax: 0131 446 2279
9	**East Dunbartonshire Council** Omnia Building, Westerhill Road, Bishopbriggs, Strathclyde, G64 2TQ	Telephone: 0141 578 8000 Fax: 0141 777 8576 Website: www.eastdunbarton.gov.uk
10	**North Lanarkshire Council** Municipal Buildings, Killdonan, Dennistown, Coatbridge, Strathclyde, ML5 3LJ	Telephone: 01236 812222 Fax: 01236 431068 Website: www.northlan.gov.uk
11	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9966 Fax: 0844 844 9951 Email: helpdesk@landmark.co.uk Website: www.landmark.co.uk
-	**Public Health England - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards** Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: radon@phe.gov.uk Website: www.ukradon.org
-	**Landmark Information Group Limited** Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: customerservices@landmarkinfo.co.uk Website: www.landmarkinfo.co.uk

Please note that the Environment Agency / Natural Resources Wales / SEPA have a charging policy in place for enquiries.



MASON EVANS
Geo-Environmental Consultants

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

Agency and Hydrological

- Contaminated Land Register Entry or Notice (Location)
- Contaminated Land Register Entry or Notice
- Discharge Consent
- Enforcement or Prohibition Notice
- Integrated Pollution Control
- Integrated Pollution Prevention Control
- Local Authority Integrated Pollution Prevention and Control
- Local Authority Pollution Prevention and Control
- Local Authority Pollution Prevention and Control Enforcement
- Pollution Incident to Controlled Waters
- Prosecution Relating to Authorised Processes
- Prosecution Relating to Controlled Waters
- Registered Radioactive Substance
- River Network or Water Feature
- Substantiated Pollution Incident Register
- Water Abstraction
- Water Industry Act Referral

Waste

- BGS Recorded Landfill Site (Location)
- BGS Recorded Landfill Site
- Integrated Pollution Control Registered Waste Site
- Local Authority Recorded Landfill Site (Location)
- Local Authority Recorded Landfill Site
- Registered Landfill Site
- Registered Landfill Site (Location)
- Registered Landfill Site (Point Buffered to 100m)
- Registered Landfill Site (Point Buffered to 250m)
- Registered Waste Transfer Site (Location)
- Registered Waste Transfer Site
- Registered Waste Treatment or Disposal Site (Location)
- Registered Waste Treatment or Disposal Site

Geological

- BGS Recorded Mineral Site

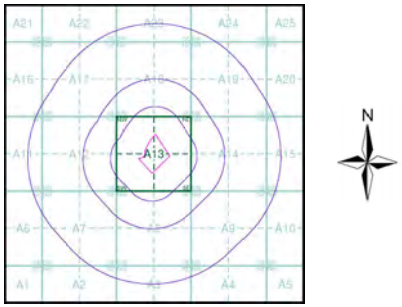
Hazardous Substances

- COMAH Site
- Explosive Site
- NIHHS Site
- Planning Hazardous Substance Consent
- Planning Hazardous Substance Enforcement

Industrial Land Use

- Contemporary Trade Directory Entry
- Fuel Station Entry

Site Sensitivity Map - Slice A



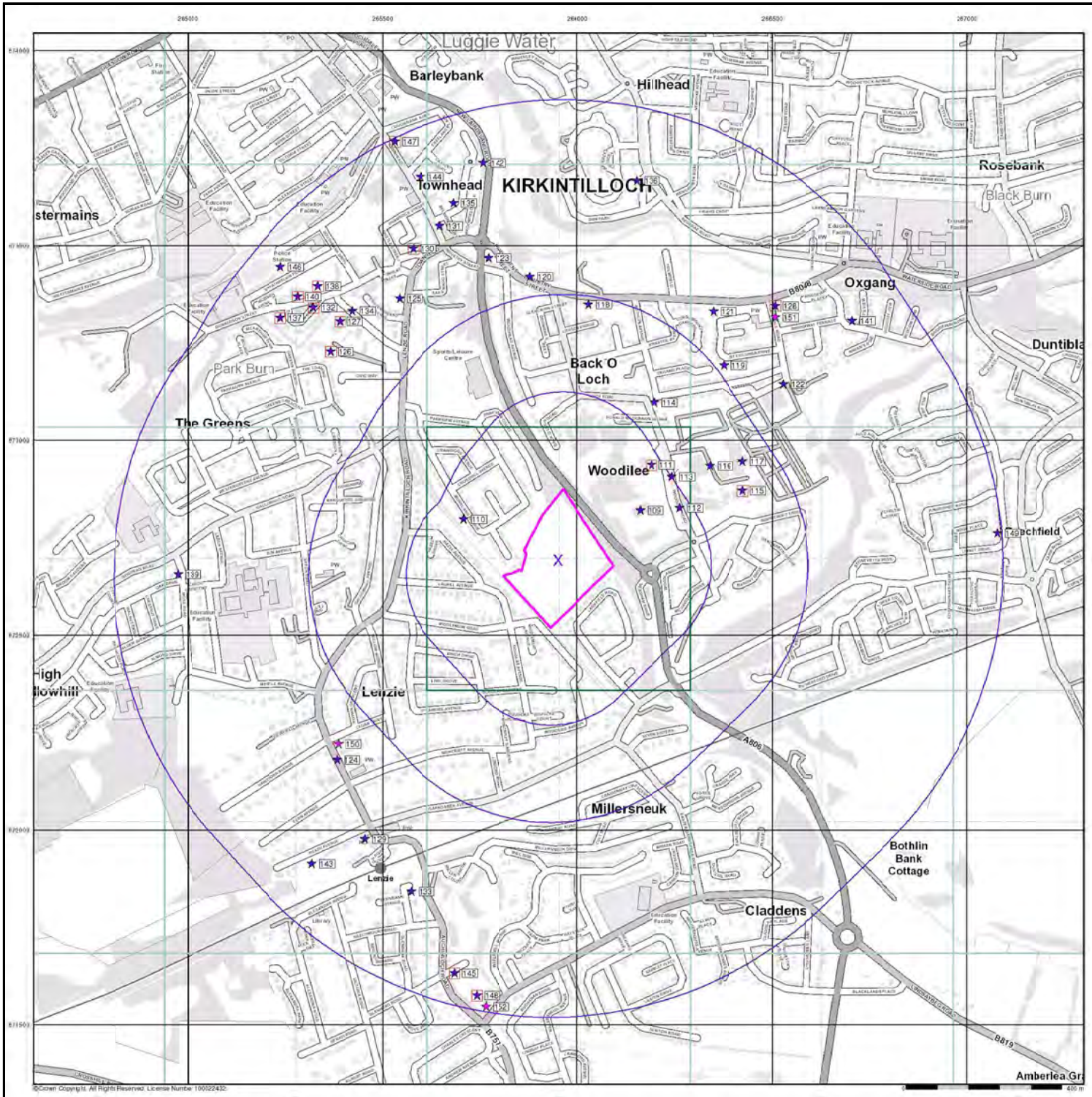
Order Details

Order Number:	175498074_1_1
Customer Ref:	
National Grid Reference:	265950, 672690
Slice:	A
Site Area (Ha):	4.85
Search Buffer (m):	1000

Site Details

Whitegates, Initiative Road, Kirkintilloch, GLASGOW, G66 3BS

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



MASON EVANS
Geo-Environmental Consultants

Industrial Land Use Map

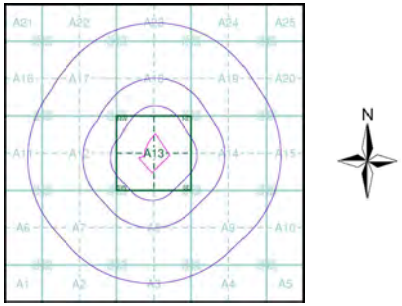
General

Specified Site | Specified Buffer(s) | Bearing Reference Point
Slice | Map ID

Industrial Land Use

Contemporary Trade Directory Entry
Fuel Station Entry
Gas Pipeline
Underground Electrical Cables

Industrial Land Use Map - Slice A

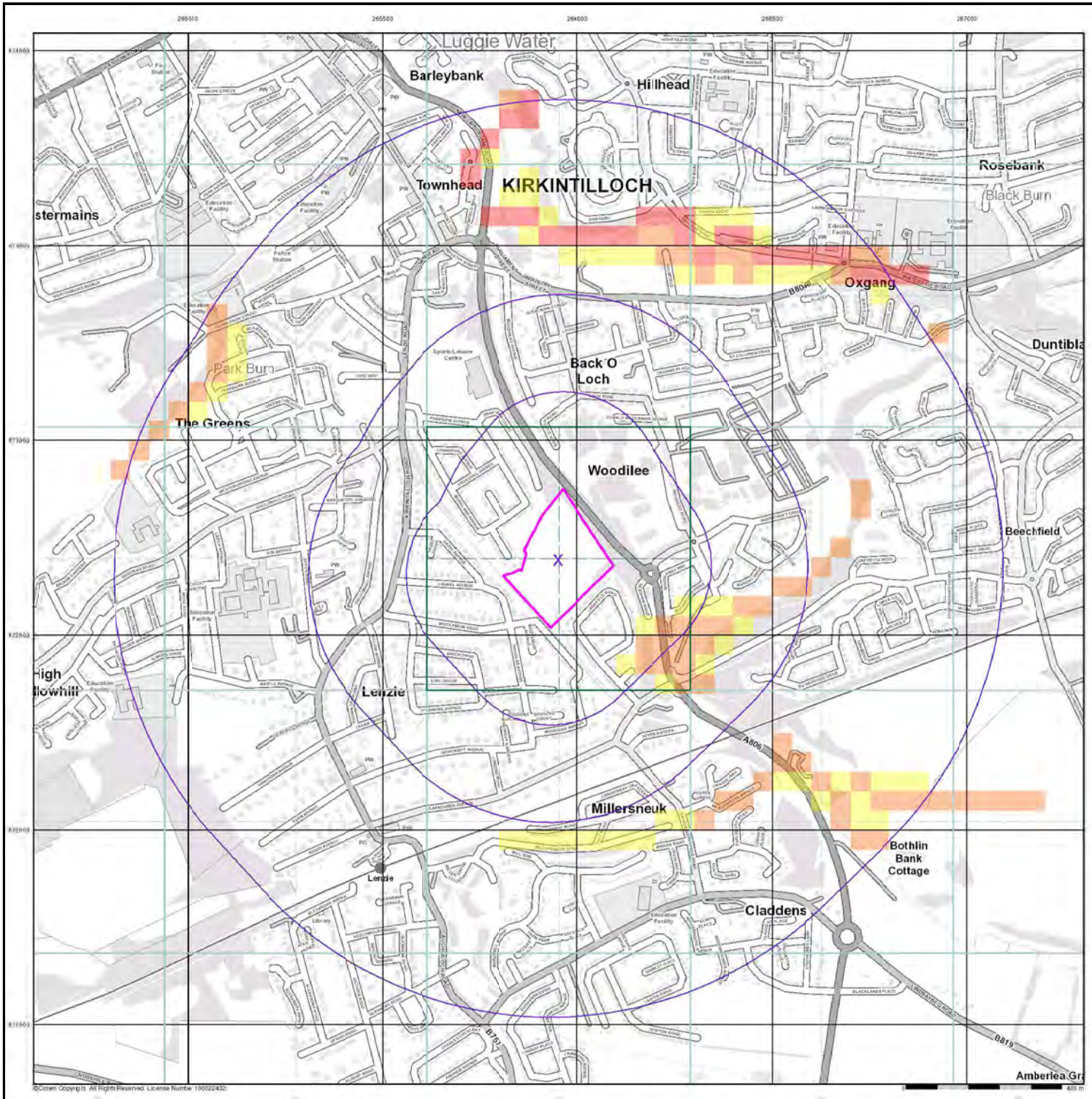


Order Details

Order Number:	175498074_1_1
Customer Ref:	
National Grid Reference:	265950, 672690
Slice:	A
Site Area (Ha):	4.85
Search Buffer (m):	1000

Site Details

Whitegates, Initiative Road, Kirkintilloch, GLASGOW, G66 3BS



MASON EVANS
Geo-Environmental Consultants

General

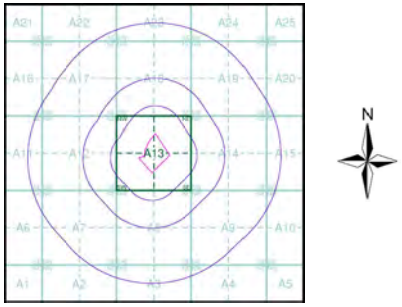
- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

Agency and Hydrological (Flood)

- 0 - 1m estimated 100yr flood depth
- 1 - 2m estimated 100yr flood depth
- Over 2m estimated 100yr flood depth

The flooded areas have been generated using a generalised technique and should not, by themselves, be used to infer that specific areas are or are not at risk of inundation. Flood risk at any specific location may be influenced by local factors - not least flood defence - that have not been taken into account.

Flood Map - Slice A



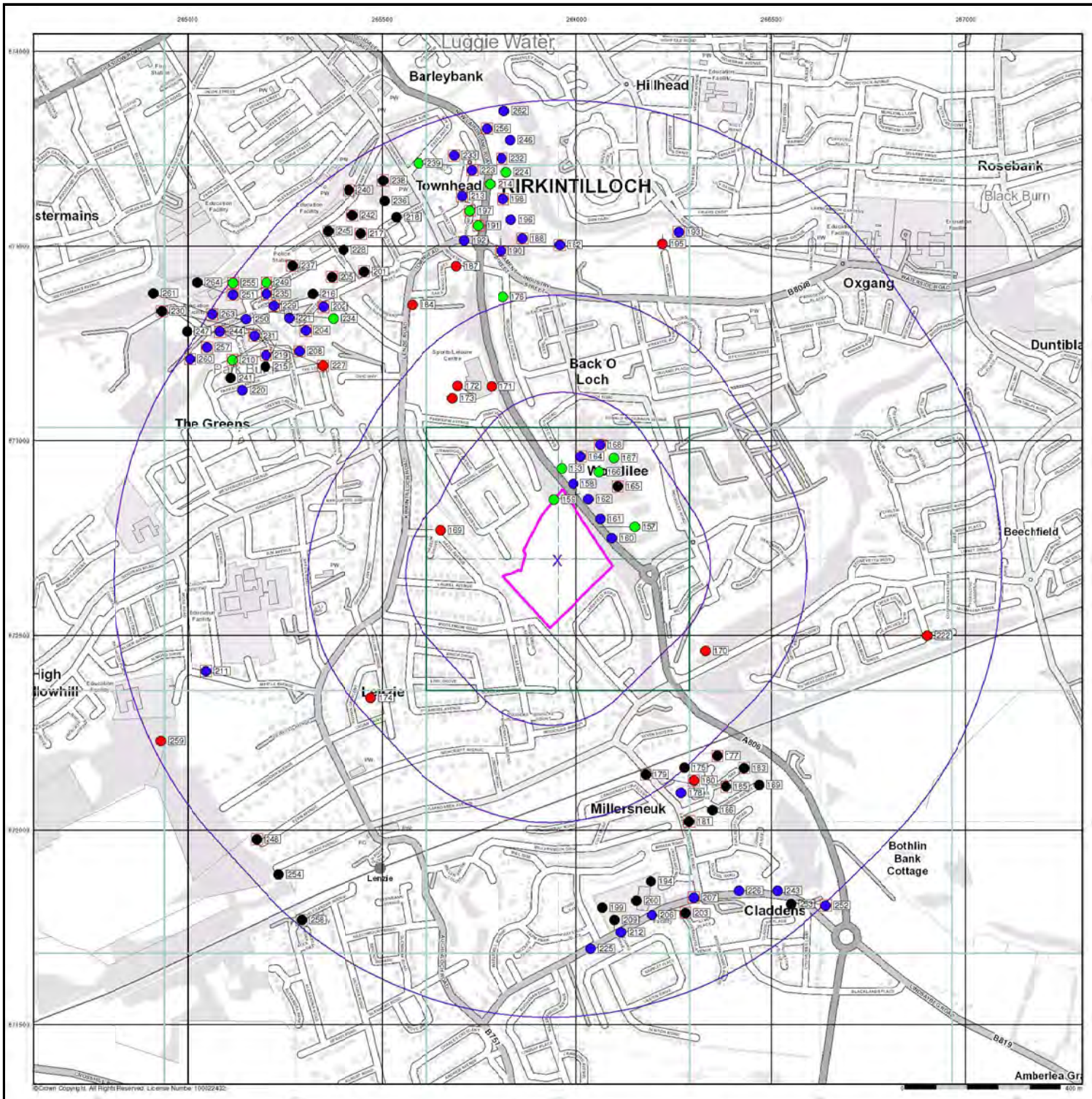
Order Details

Order Number:	175498074_1_1
Customer Ref:	
National Grid Reference:	265950, 672690
Slice:	A
Site Area (Ha):	4.85
Search Buffer (m):	1000

Site Details

Whitegates, Initiative Road, Kirkintilloch, GLASGOW, G66 3BS

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



MASON EVANS
Geo-Environmental Consultants

General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point
- Map ID
- Several of Type at Location

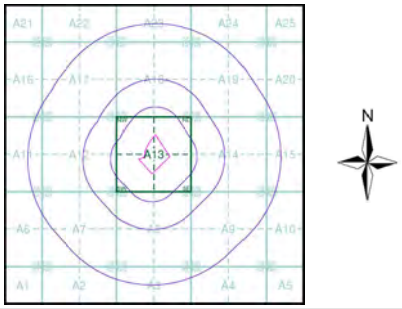
Agency and Hydrological (Boreholes)

- BGS Borehole Depth 0 - 10m
- BGS Borehole Depth 10 - 30m
- BGS Borehole Depth 30m +
- Confidential
- Other

For Borehole information please refer to the Borehole .csv file which accompanied this slice.

A copy of the BGS Borehole Ordering Form is available to download from the Support section of www.envirocheck.co.uk.

Borehole Map - Slice A



Order Details

Order Number:	175498074_1_1
Customer Ref:	
National Grid Reference:	265950, 672690
Slice:	A
Site Area (Ha):	4.85
Search Buffer (m):	1000

Site Details

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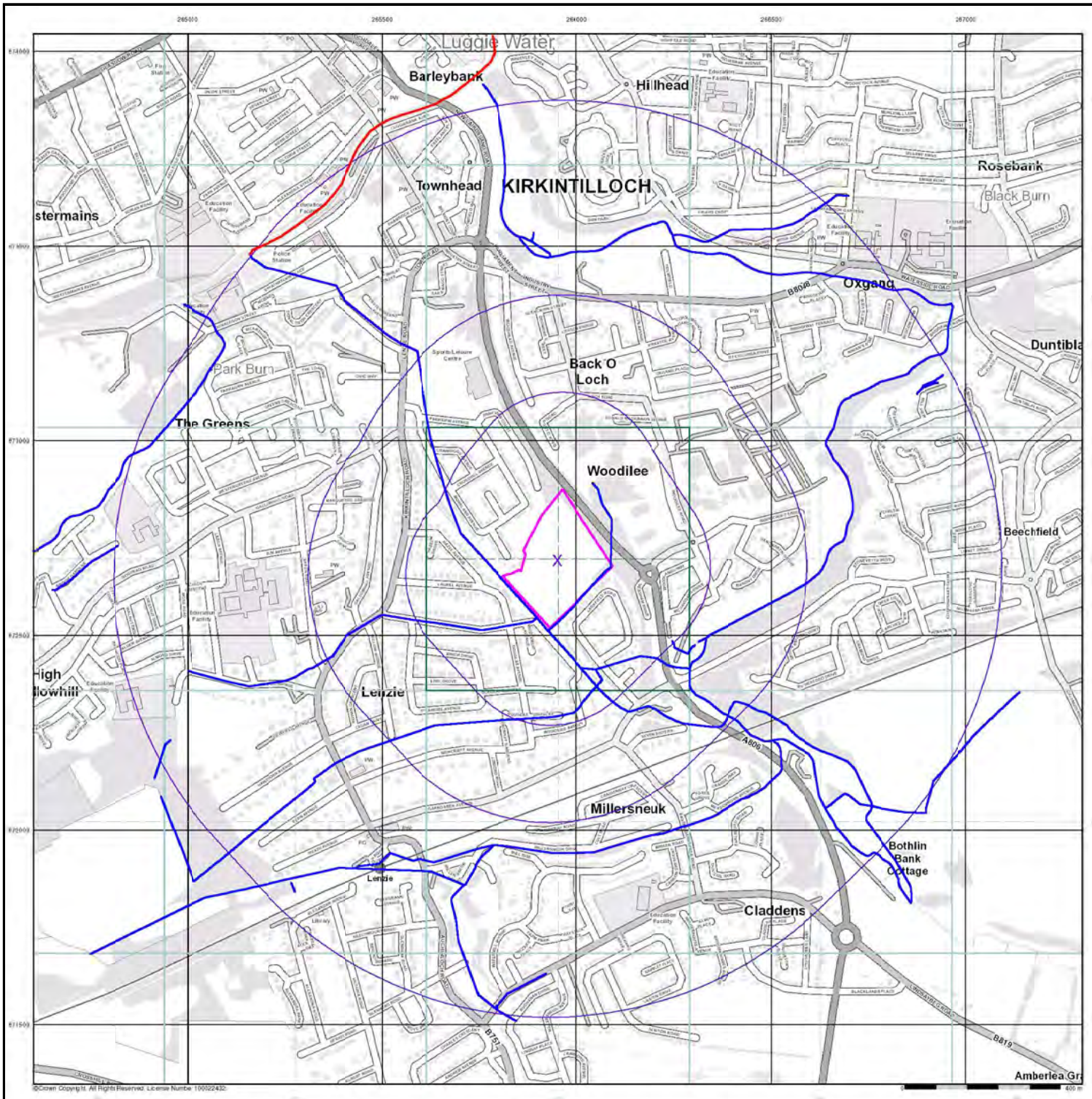
Web: www.envirocheck.co.uk



MASON EVANS
Geo-Environmental Consultants

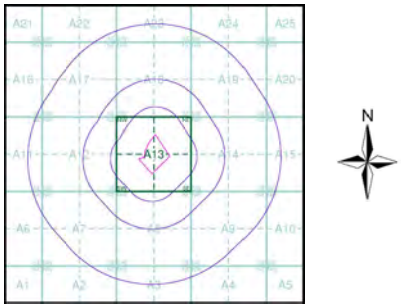
General

- Specified Site
- Specified Buffer(s)
- Bearing Reference Point

OS Water Network Data

- Canal
- Reservoir
- Foreshore
- Marsh
- Tidal River
- Inland River
- Drain
- Other
- Lake
- Transfer
- Lock Or Flight Of Locks
- Sea

OS Water Network Map - Slice A



Order Details

Order Number:	175498074_1_1
Customer Ref:	
National Grid Reference:	265950, 672690
Slice:	A
Site Area (Ha):	4.85
Search Buffer (m):	1000

Site Details

Whitegates, Initiative Road, Kirkintilloch, GLASGOW, G66 3BS

Historical Mapping Legends

Ordnance Survey County Series 1:10,560

Gravel Pit
Sand Pit
Other Pits
Quarry
Shingle
Orchard
Osiers
Reeds
Marsh
Mixed Wood
Deciduous
Brushwood
Fir
Furze
Rough Pasture
Arrow denotes flow of water
Trigonometrical Station
Site of Antiquities
Bench Mark
Pump, Guide Post, Signal Post
Well, Spring, Boundary Post
·285 Surface Level
Sketched Contour
Instrumental Contour
Main Roads
Fenced
Un-Fenced
Minor Roacs
Fenced
Un-Fenced
Sunken Road
Raised Road
Road over Railway
Railway over River
Railway over Road
Level Crossing
Road over River or Canal
Road over Stream
Road over Stream
County Boundary (Geographical)
County & Civil Parish Boundary
Administrative County & Civil Parish Boundary
Co. Boro. Bdy. County Borough Boundary (England)
Co. Burgh Bdy. County Burgh Boundary (Scotland)
R.D. Bdy. Rural District Boundary
Civil Parish Boundary

Ordnance Survey Plan 1:10,000

Chalk Pit, Clay Pit or Quarry
Gravel Pit
Sand Pit
Disused Pit or Quarry
Refuse or Slag Heap
Lake, Loch or Pond
Dunes
Boulders
Coniferous Trees
Non-Coniferous Trees
Orchard
Scrub
Coppice
Bracken
Heath
Rough Grassland
Marsh
Reeds
Saltings
Building
Direction of Flow of Water
Shingle
Sand
Glasshouse
Pylon
Sloping Masonry
Electricity Transmission Line
Pole
Cutting
Embankment
Standard Gauge Multiple Track
Road Under
Road Over
Level Crossing
Foot Bridge
Standard Gauge Single Track
Siding, Tramway or Mineral Line
Narrow Gauge
Geographical County
Administrative County, County Borough or County of City
Municipal Borough, Urban or Rural District, Burgh or District Council
Borough, Burgh or County Constituency
Shown only when not coincident with other boundaries
Civil Parish
Shown alternately when coincidence of boundaries occurs

BP, BS	Boundary Post or Stone	Pol Sta	Police Station
Ch	Church	PO	Post Office
CH	Club House	PC	Public Convenience
F E Sta	Fire Engine Station	PH	Public House
FB	Foot Bridge	SB	Signal Box
Fn	Fountain	Spr	Spring
GP	Guide Post	TCB	Telephone Call Box
MP	Mile Post	TCP	Telephone Call Post
MS	Mile Stone	W	Well

1:10,000 Raster Mapping

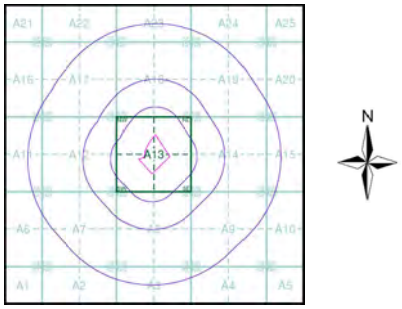
Gravel Pit
Refuse tip or slag heap
Rock
Rock (scattered)
Boulders
Boulders (scattered)
Shingle
Mud
Sand
Sand Pit
Slopes
Top of cliff
General detail
Underground detail
Overhead detail
Narrow gauge railway
Multi-track railway
Single track railway
County boundary (England ony)
Civil, parish or community boundary
District, Unitary, Metropolitan, London Borough boundary
Constituency boundary
Area of wooded vegetation
Non-coniferous trees
Non-coniferous trees (scattered)
Coniferous trees
Coniferous trees (scattered)
Positioned tree
Orchard
Coppice or Osiers
Rough Grassland
Heath
Scrub
Marsh, Salt Marsh or Reeds
Water feature
Flow arrows
Mean high water (springs)
Mean low water (springs)
Telephone line (where shown)
Electricity transmission line (with poles)
Bench mark (where shown)
Triangulation station
Point feature (e.g. Guide Post or Mile Stone)
Pylon, flare stack or lighting tower
Site of (antiquity)
Glasshouse
General Building
Important Building

MASON EVANS
Geo-Environmental Consultants

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Stirlingshire	1:10,560	1864	2
Dumbartonshire	1:10,560	1864	3
Lanarkshire	1:10,560	1864	4
Stirlingshire	1:10,560	1899	5
Lanarkshire	1:10,560	1899	6
Lanarkshire	1:10,560	1914	7
Stirlingshire	1:10,560	1922 - 1923	8
Stirlingshire	1:10,560	1938	9
Ordnance Survey Plan	1:10,000	1958	10
Ordnance Survey Plan	1:10,000	1967	11
Ordnance Survey Plan	1:10,000	1971	12
Ordnance Survey Plan	1:10,000	1980 - 1983	13
Ordnance Survey Plan	1:10,000	1990 - 1991	14
10K Raster Mapping	1:10,000	1999	15
Street View	Variable		16

Historical Map - Slice A



Order Details

Order Number: 175498074_1_1
Customer Ref:
National Grid Reference: 265950, 672690
Slice: A
Site Area (Ha): 4.85
Search Buffer (m): 1000

Site Details

Whitegates, Initiative Road, Kirkintilloch, GLASGOW, G66 3BS

Landmark INFORMATION GROUP
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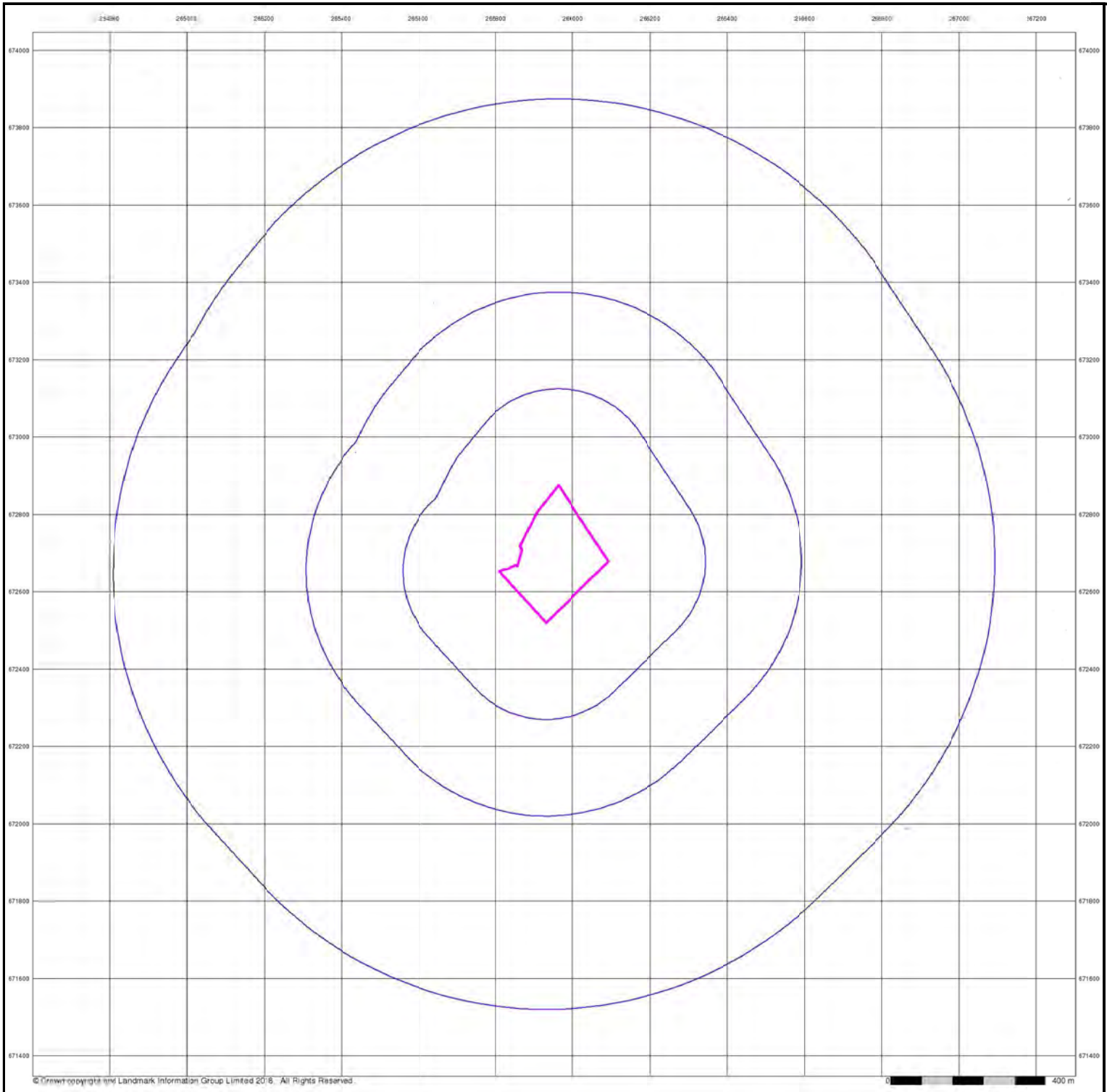
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



MASON EVANS
Geo-Environmental Consultants

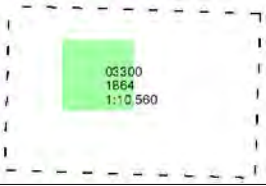
Stirlingshire

Published 1864

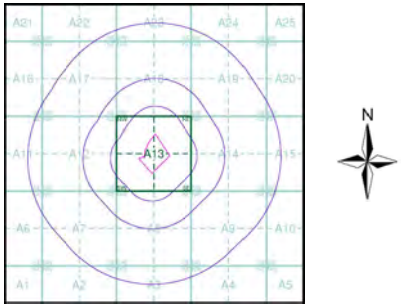
Source map scale - 1:10,560

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940's, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



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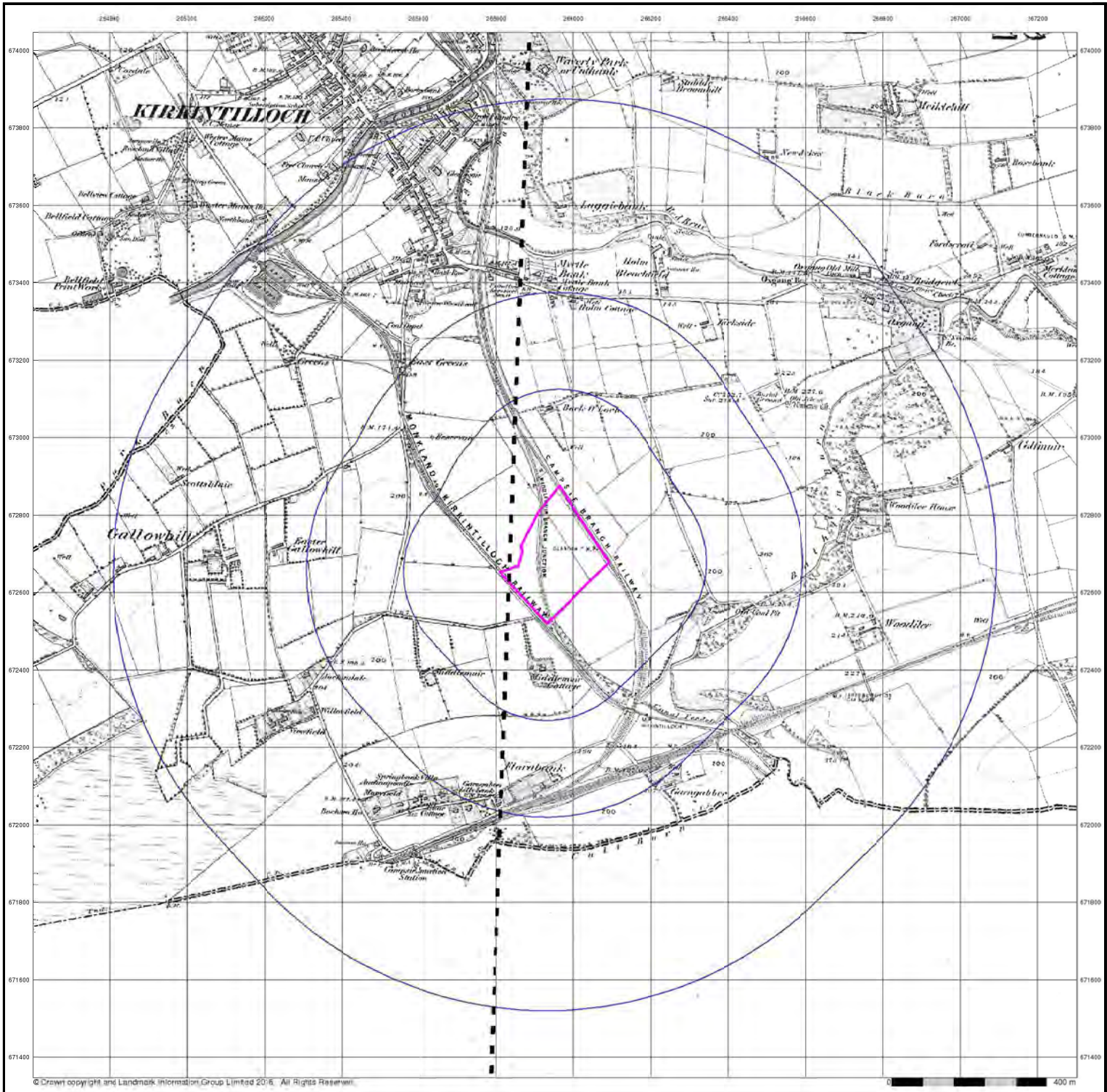

MASON EVANS
Geo-Environmental Consultants

Dumbartonshire

Published 1864

Source map scale - 1:10,560

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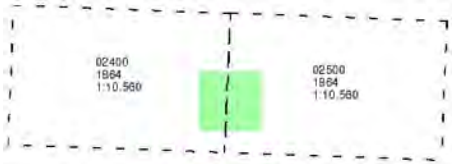
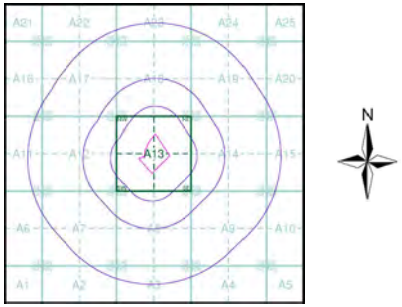


Historical Map - Slice A



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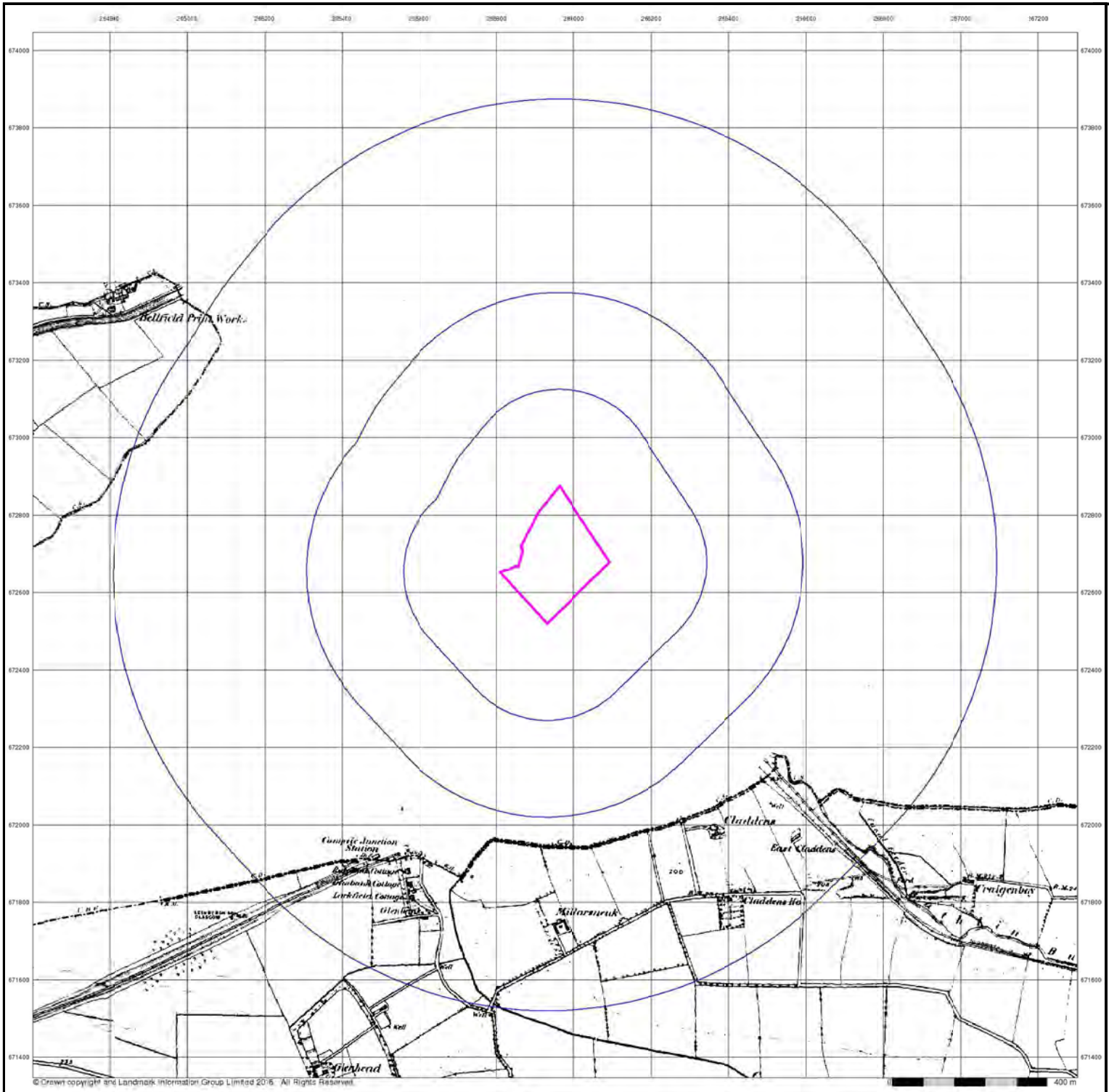

MASON EVANS
Geo-Environmental Consultants

Lanarkshire

Published 1864

Source map scale - 1:10,560

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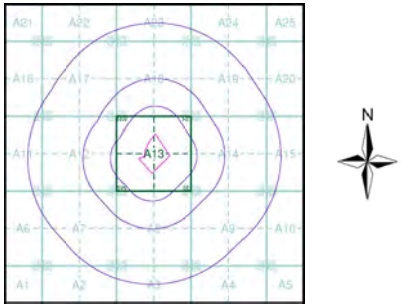

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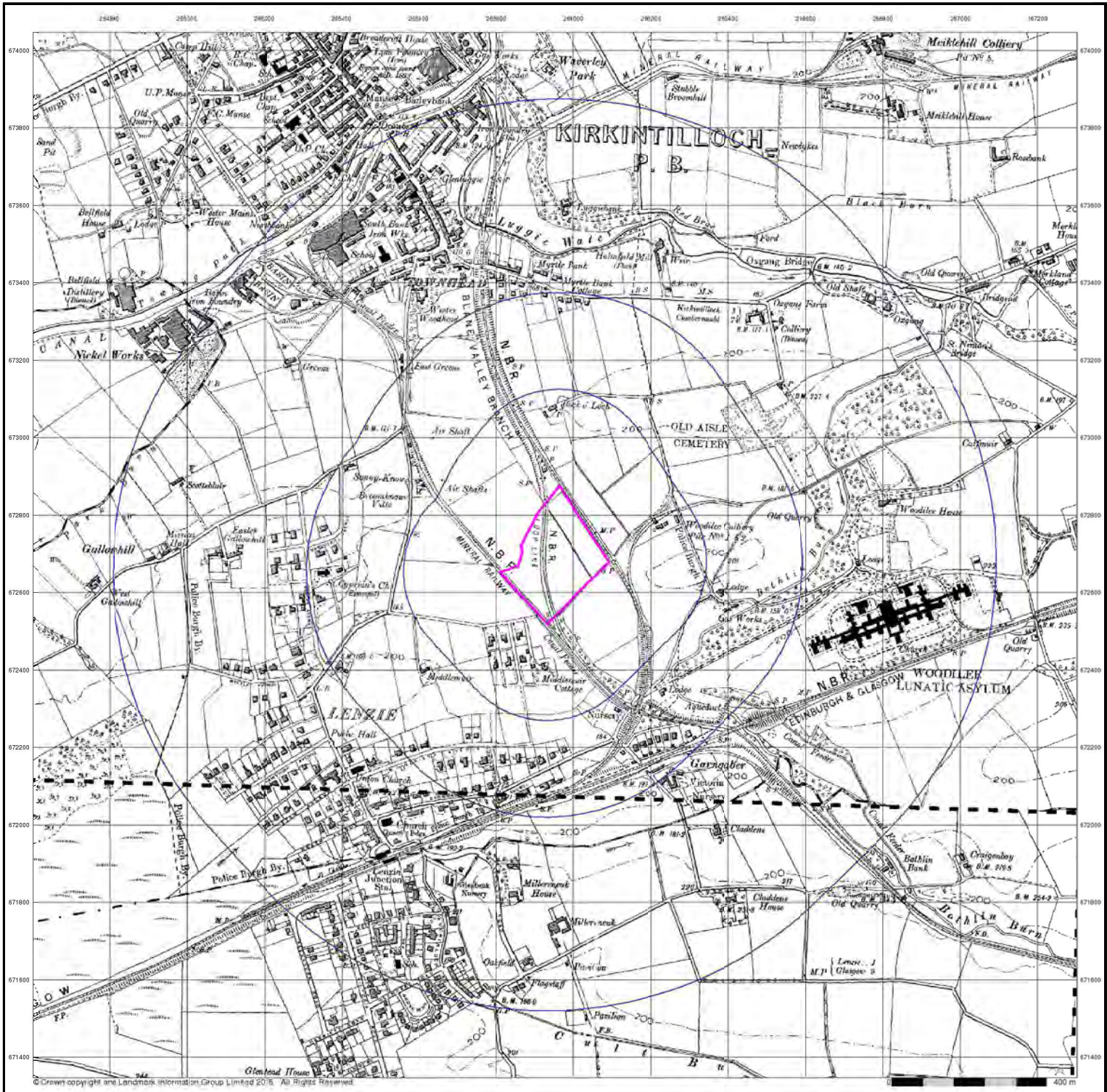

MASON EVANS

Geo-Environmental Consultants

Stirlingshire

Published 1899

Source map scale - 1:10,560

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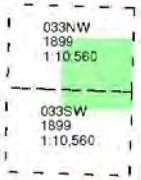

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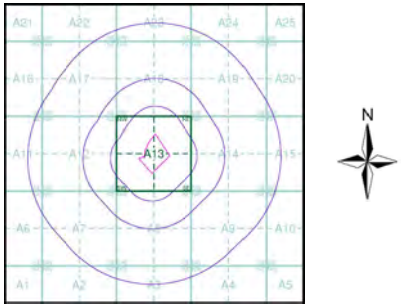

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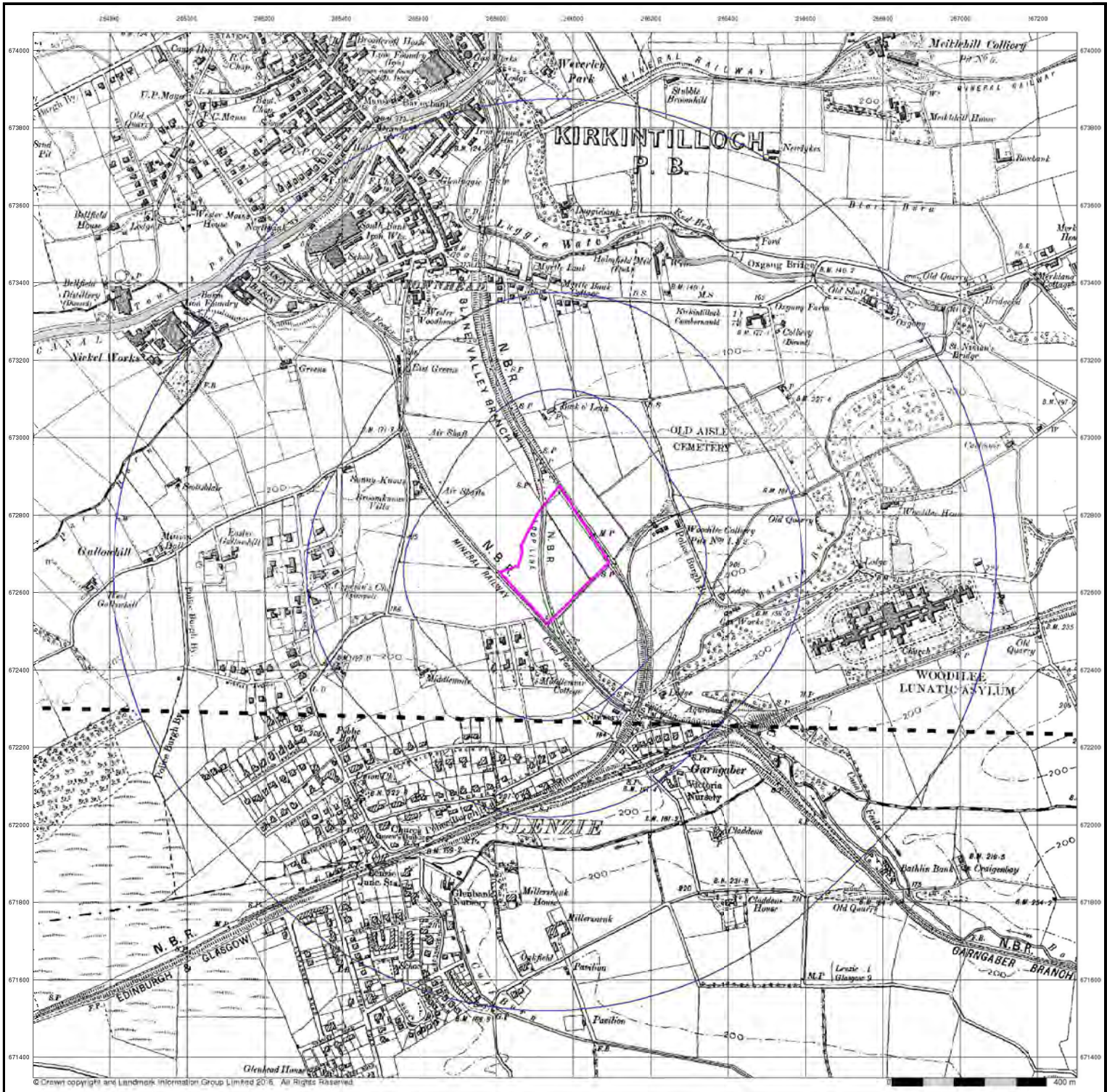
Whitegates, Initiative Road, Kirkintilloch, GLASGOW, G66 3BS



MASON EVANS
Geo-Environmental Consultants

Lanarkshire

Published 1899

Source map scale - 1:10,560

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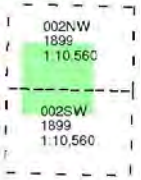
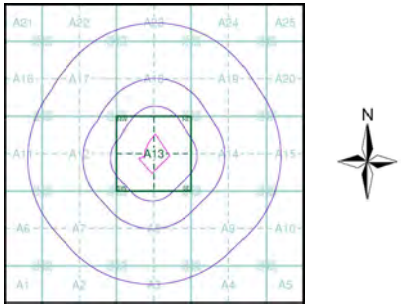


Historical Map - Slice A



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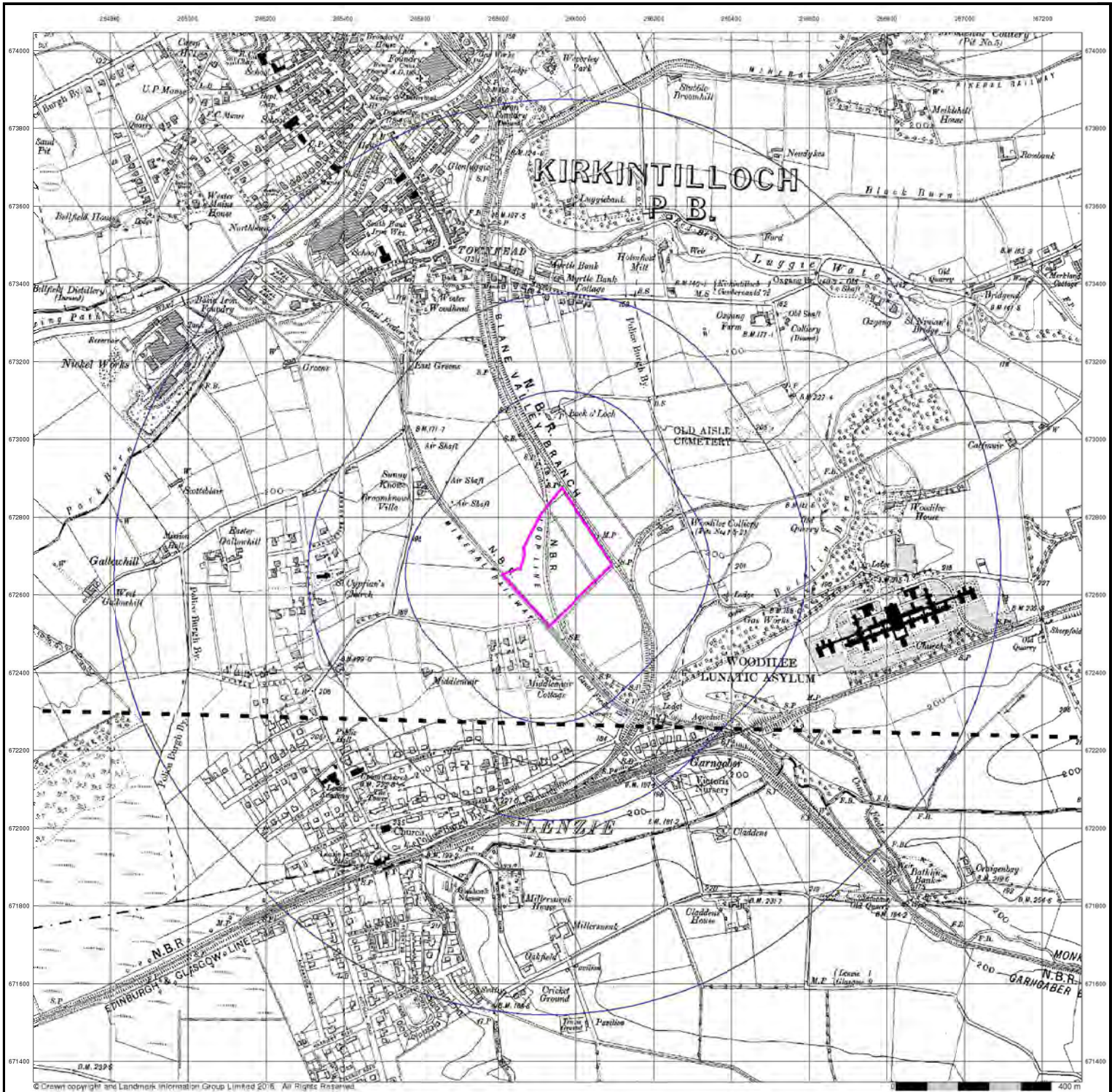

MASON EVANS
Geo-Environmental Consultants

Lanarkshire

Published 1914

Source map scale - 1:10,560

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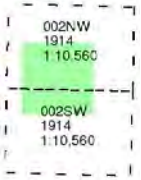
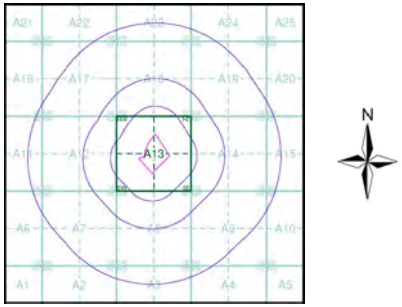


Historical Map - Slice A



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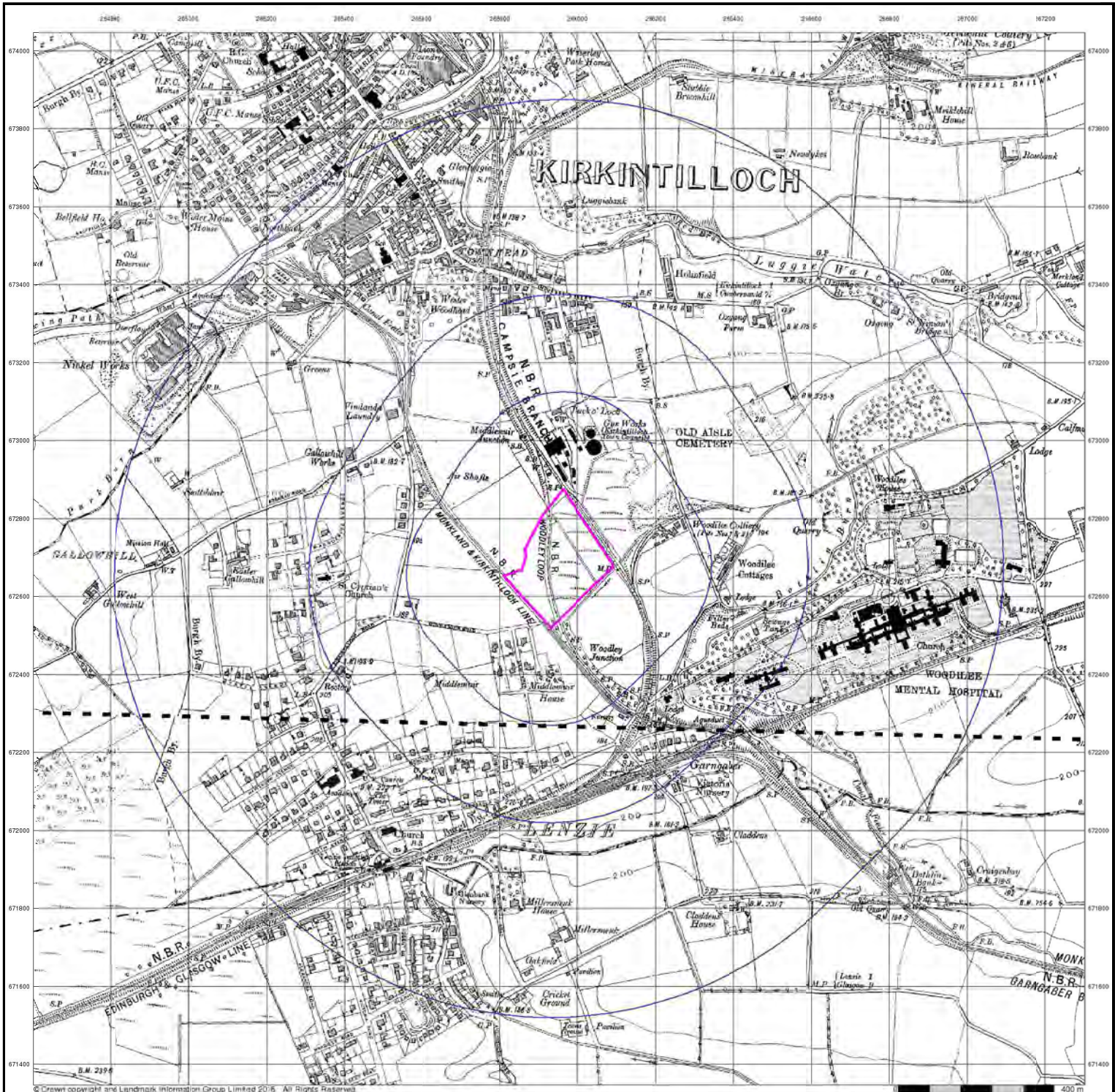

MASON EVANS
Geo-Environmental Consultants

Stirlingshire

Published 1922 - 1923

Source map scale - 1:10,560

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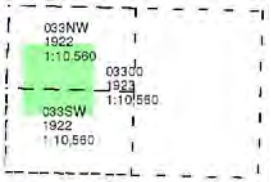
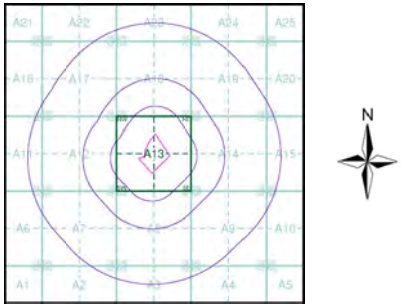


Historical Map - Slice A



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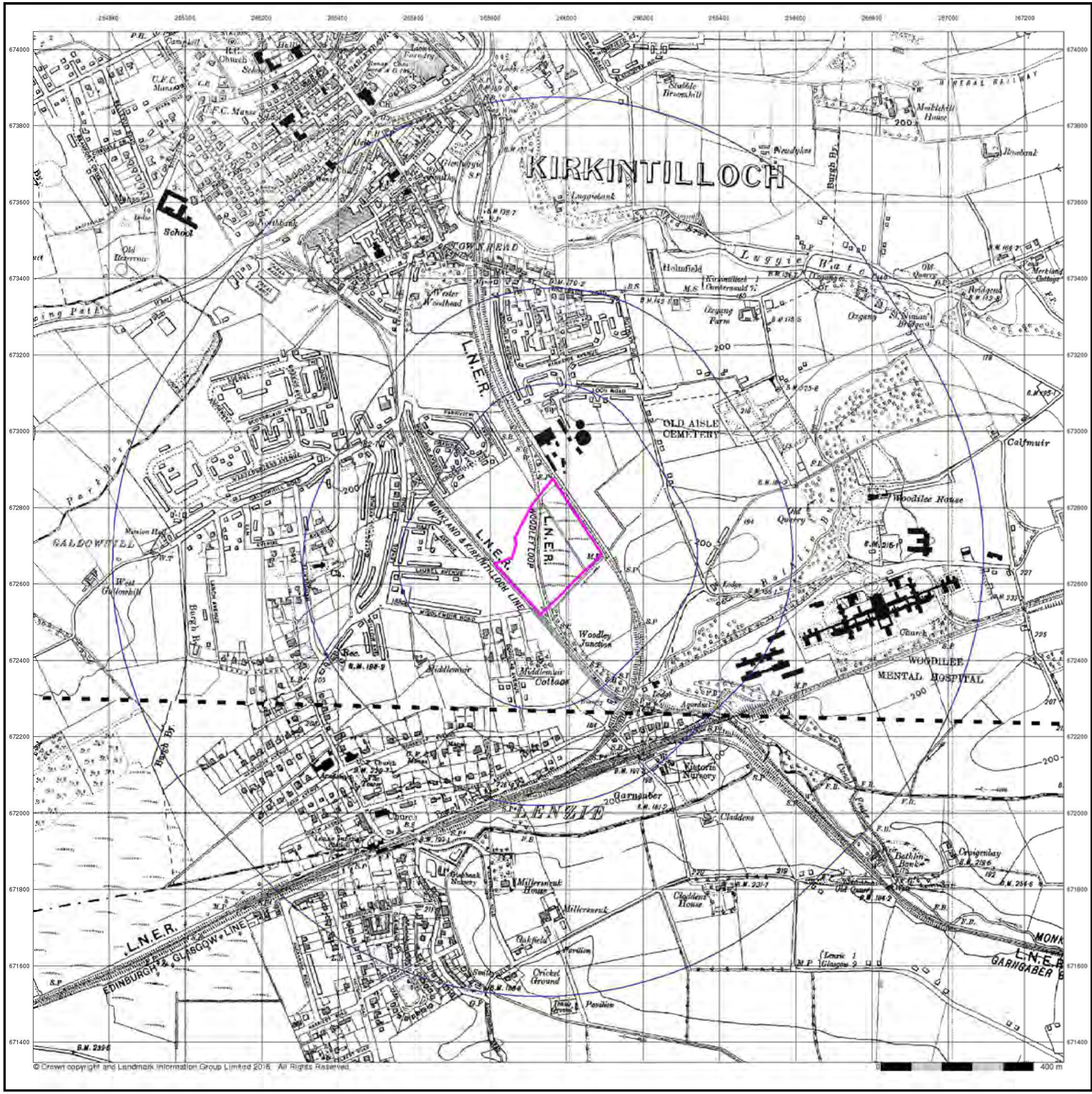

Stirlingshire

Published 1938

Source map scale - 1:10,560

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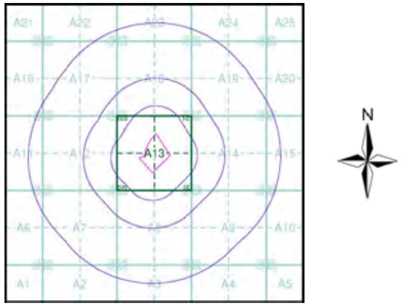
Map Name(s) and Date(s)

033NW 1938 1:10,560

033SW 1938 1:10,560

Historical Map - Slice A



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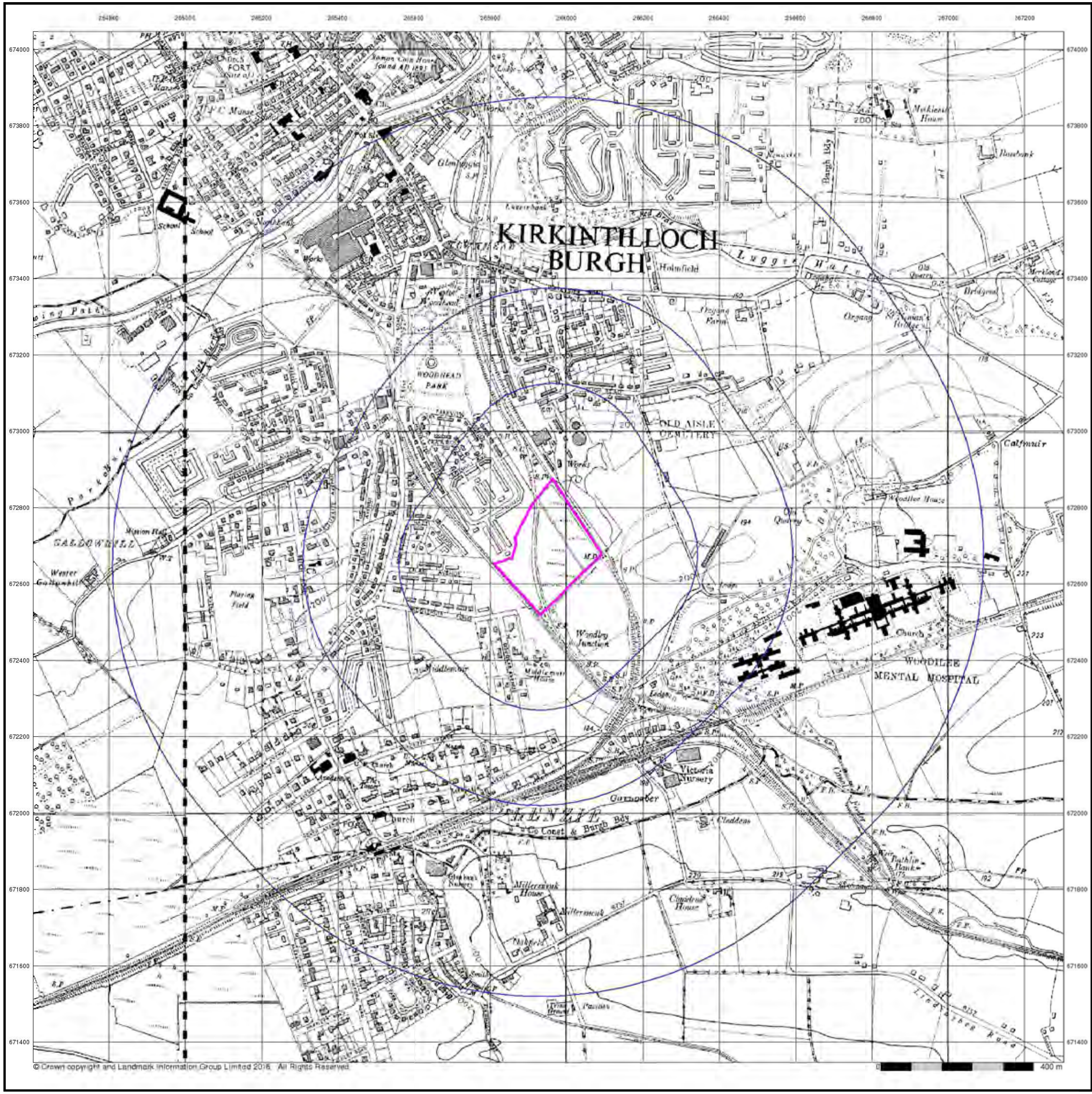

Ordnance Survey Plan

Published 1958

Source map scale - 1:10,000

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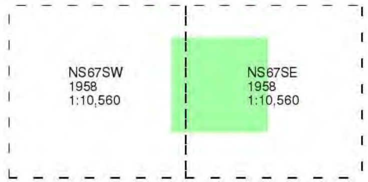
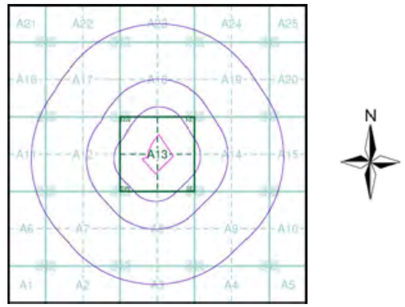


Historical Map - Slice A



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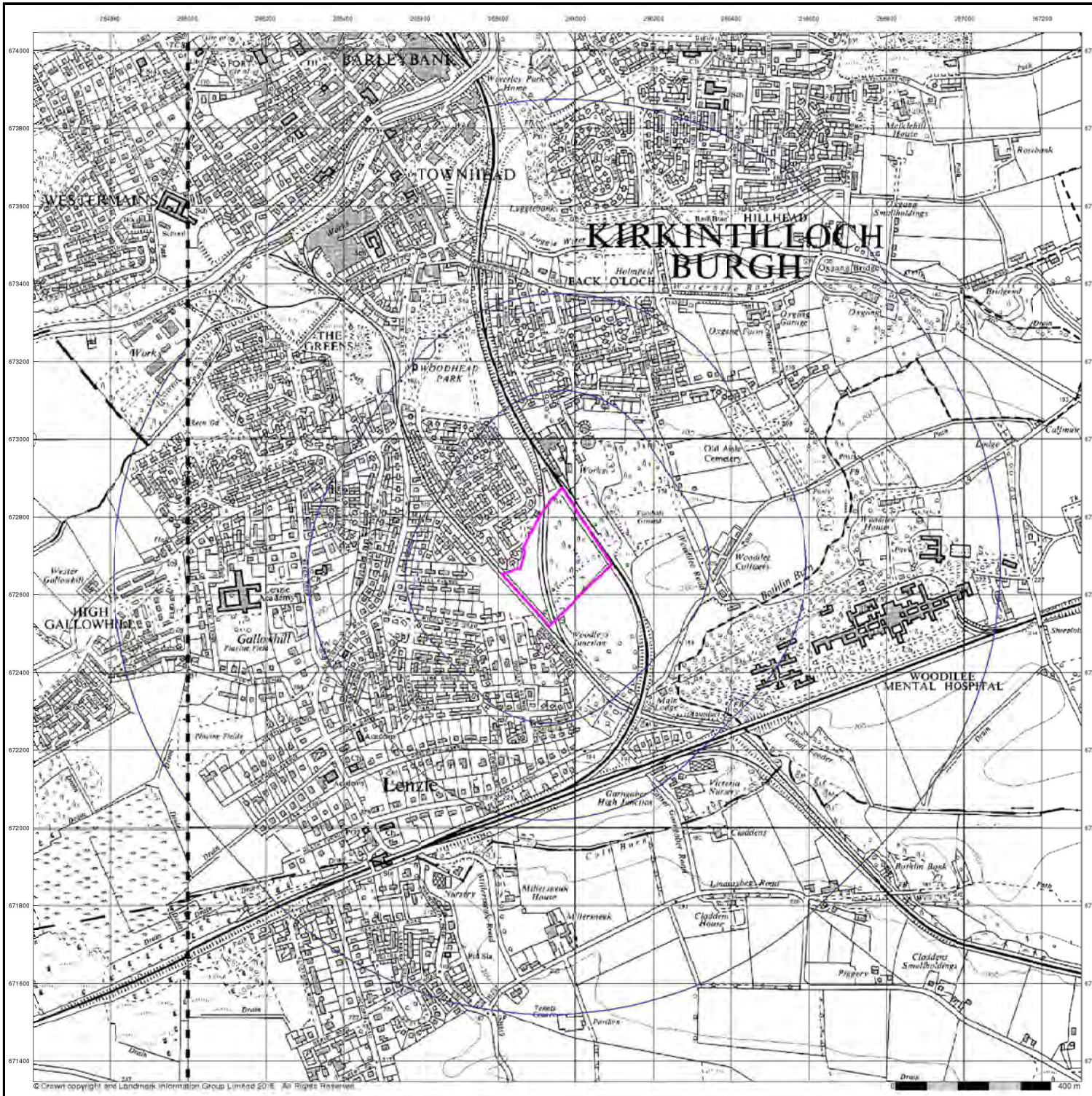

MASON EVANS
Geo-Environmental Consultants

Ordnance Survey Plan

Published 1967

Source map scale - 1:10,000

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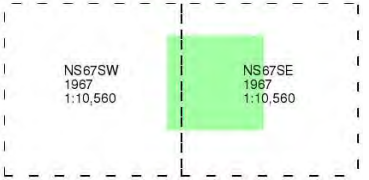
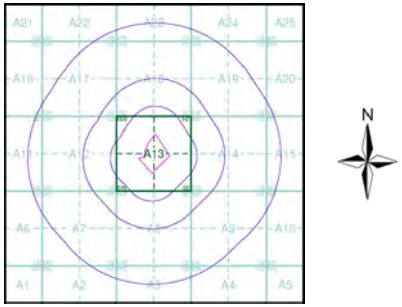


Historical Map - Slice A



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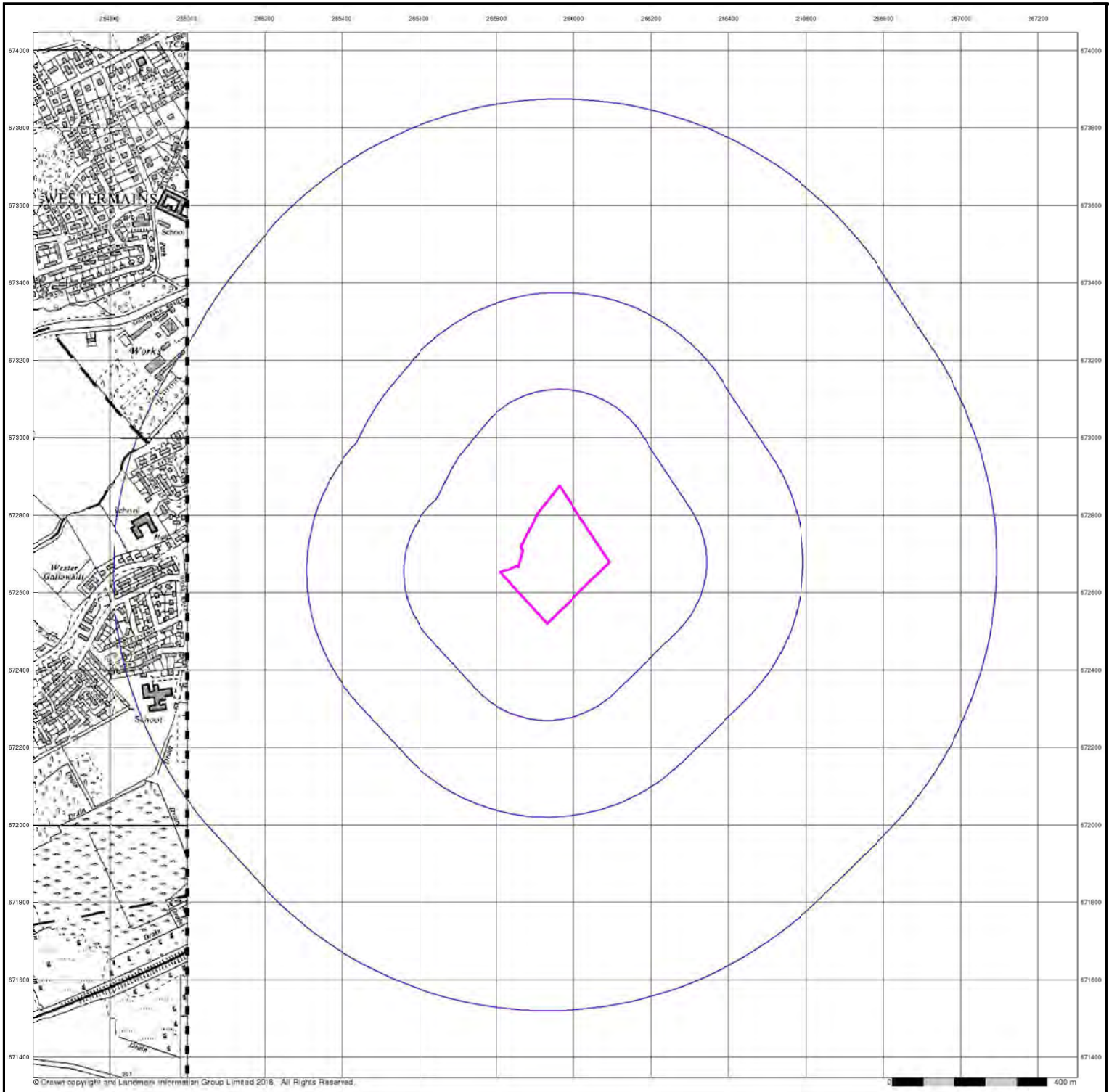

MASON EVANS
Geo-Environmental Consultants

Ordnance Survey Plan

Published 1971

Source map scale - 1:10,000

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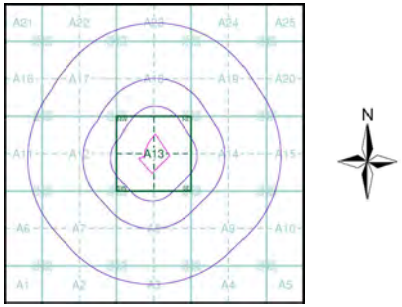
Historical Map - Slice A



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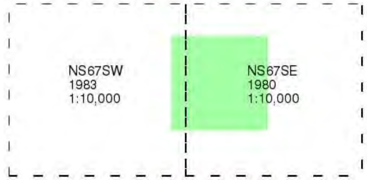
Ordnance Survey Plan

Published 1980 - 1983

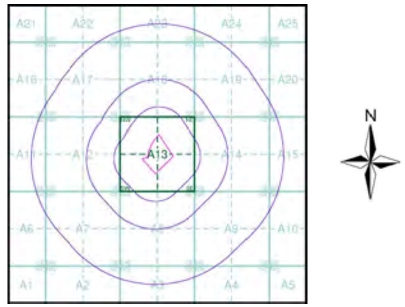
Source map scale - 1:10,000

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas; these maps were used to update the 1:10,560 maps. The published date given therefore is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas. In the late 1940`s, a Provisional Edition was produced, which updated the 1:10,560 mapping from a number of sources. The maps appear unfinished - with all military camps and other strategic sites removed. These maps were initially overprinted with the National Grid. In 1970, the first 1:10,000 maps were produced using the Transverse Mercator Projection. The revision process continued until recently, with new editions appearing every 10 years or so for urban areas.

Map Name(s) and Date(s)



Historical Map - Slice A



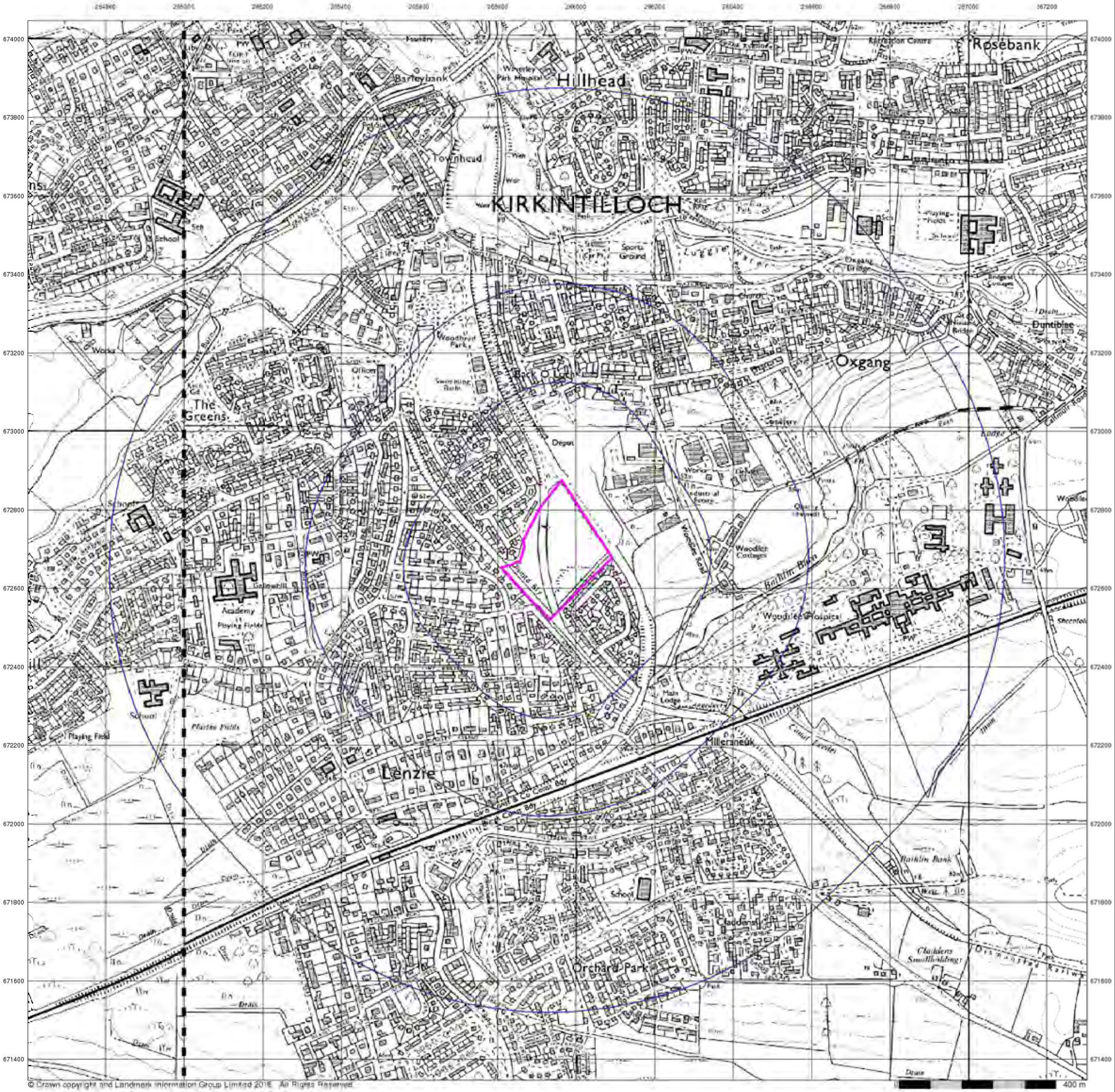
Order Details

Order Number: 175498074_1_1
Customer Ref:
National Grid Reference: 265950, 672690
Slice: A
Site Area (Ha): 4.85
Search Buffer (m): 1000

Site Details

Whitegates, Initiative Road, Kirkintilloch, GLASGOW, G66 3BS

Landmark INFORMATION GROUP
Tel: 0844 844 9952
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



Ordnance Survey Plan

Published 1990 - 1991

Source map scale - 1:10,000

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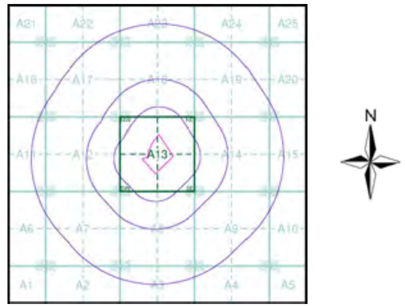
Map Name(s) and Date(s)

Map	Date	Scale
NS67SW	1990	1:10,000
NS67SE	1991	1:10,000

Historical Map - Slice A



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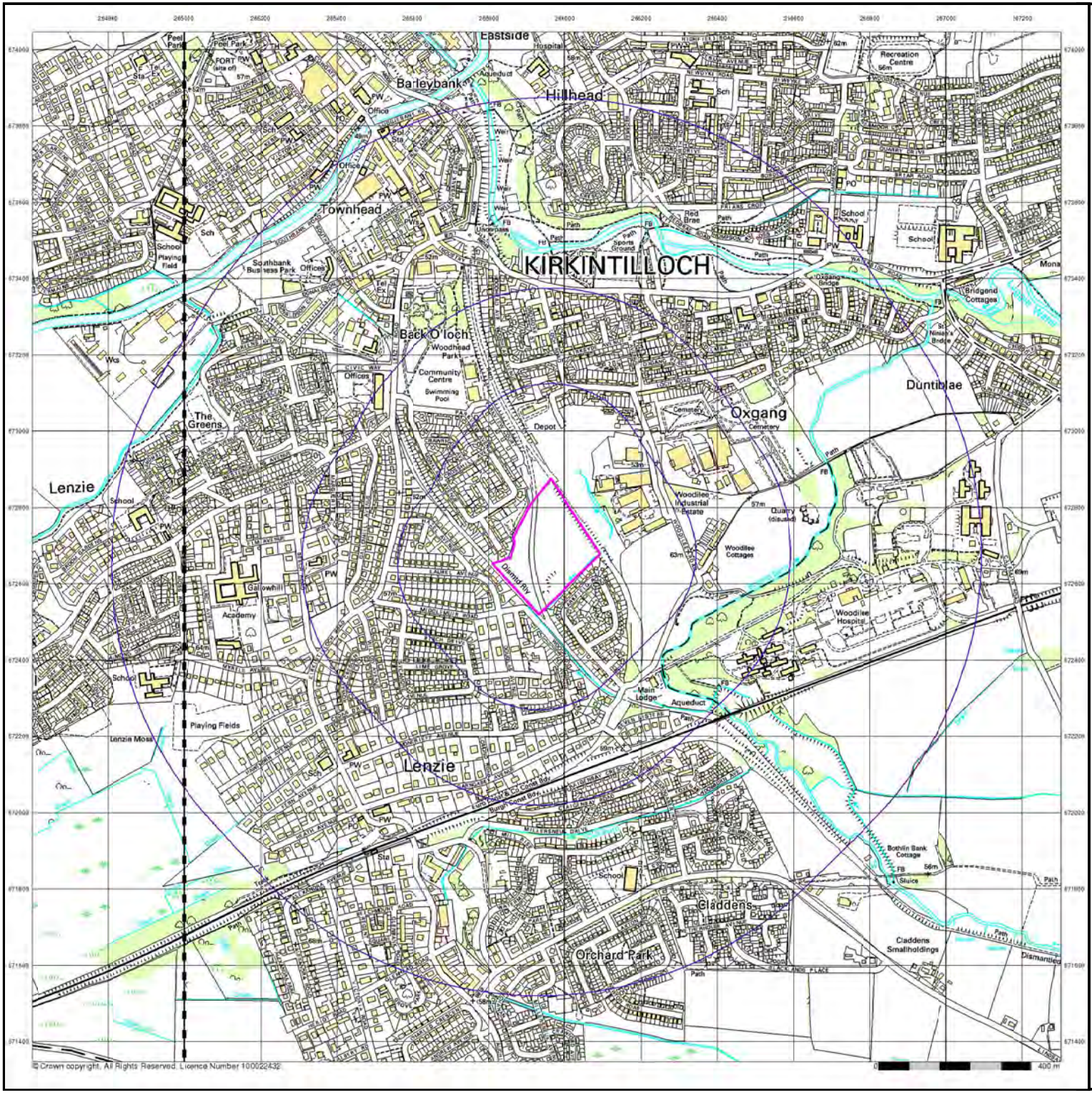


MASON EVANS
Geo-Environmental Consultants

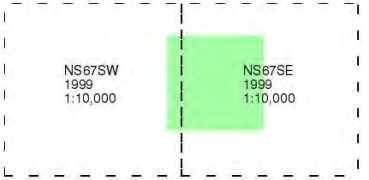
10k Raster Mapping

Published 1999

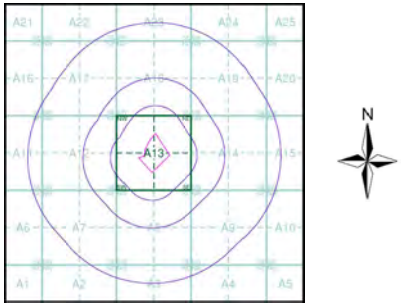
Source map scale - 1:10,000

The historical maps shown were produced from the Ordnance Survey`s 1:10,000 colour raster mapping. These maps are derived from Landplan which replaced the old 1:10,000 maps originally published in 1970. The data is highly detailed showing buildings, fences and field boundaries as well as all roads, tracks and paths. Road names are also included together with the relevant road number and classification. Boundary information depiction includes county, unitary authority, district, civil parish and constituency.

Map Name(s) and Date(s)



Historical Map - Slice A



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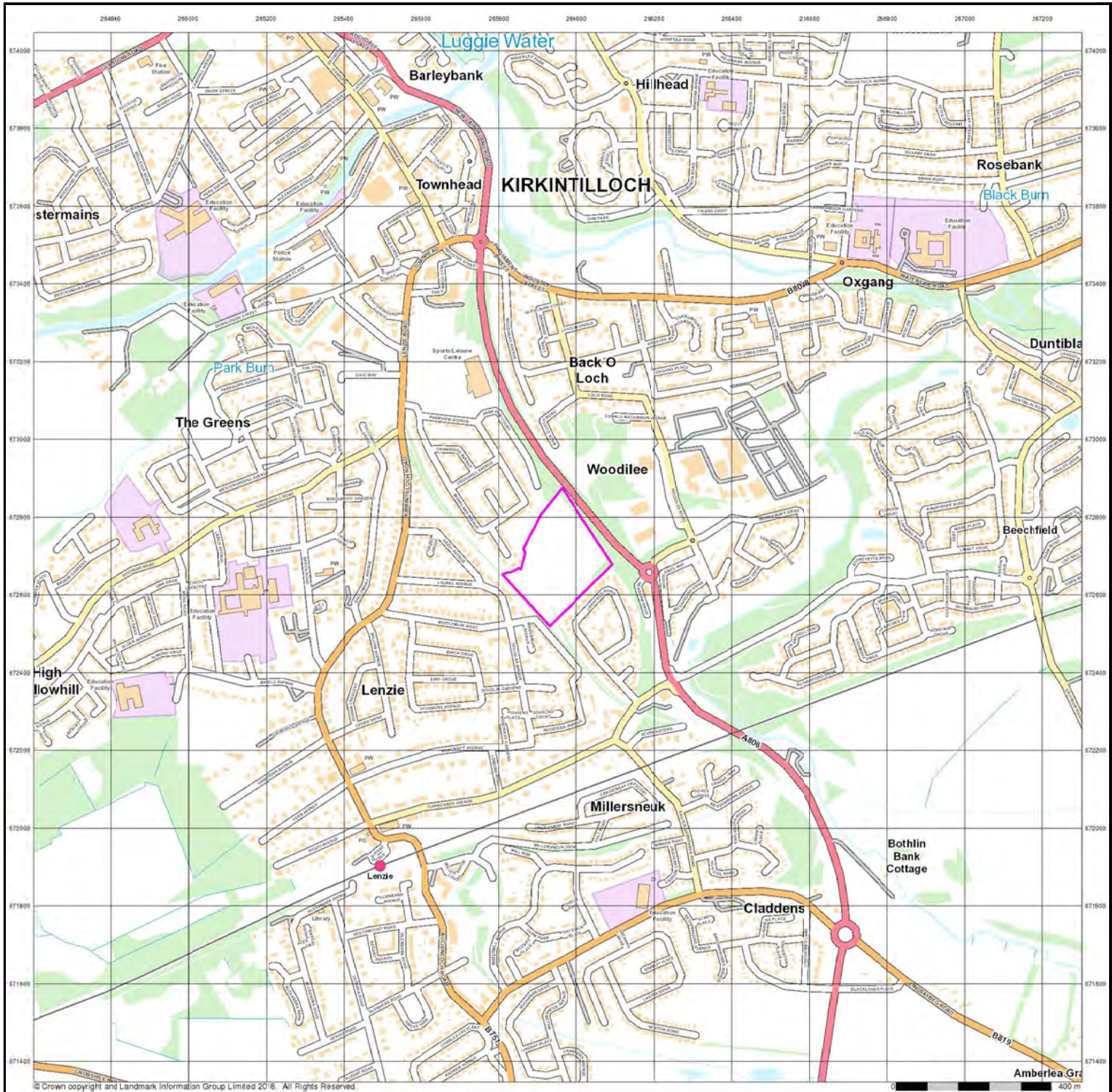


MASON EVANS
Geo-Environmental Consultants

Street View

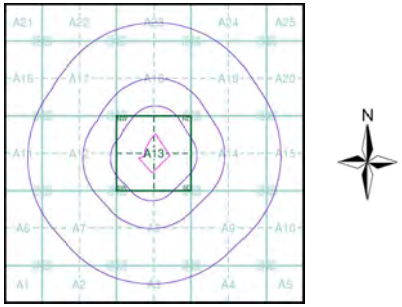
Published 2018

Source map scale - 1:10,000

Street View is a street-level map for the whole of Great Britain produced by the Ordnance Survey. These maps are provided at a nominal scale of 1:10,000

Map Name(s) and Date(s)

Street View Map - Slice A



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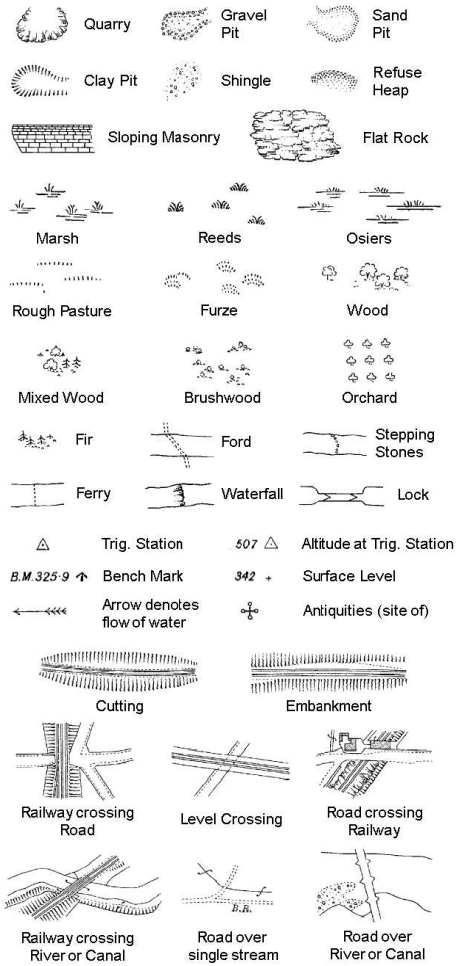
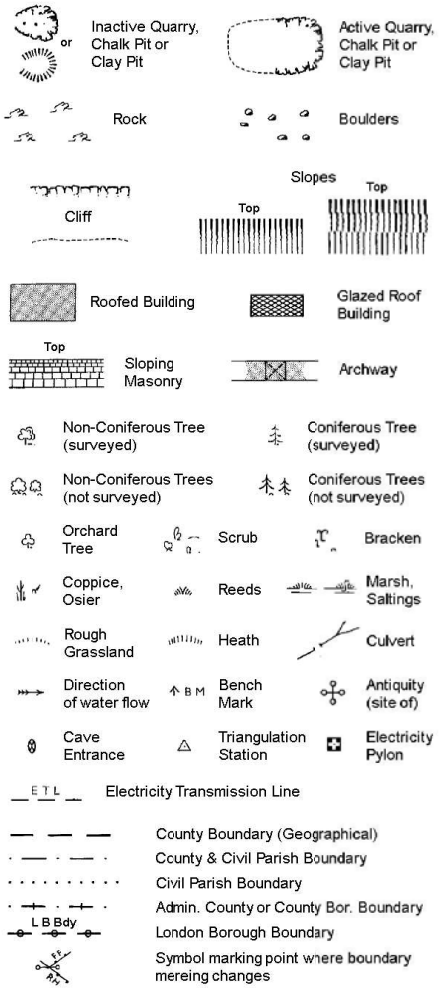
Historical Mapping Legends

Ordnance Survey County Series and Ordnance Survey Plan 1:2,500



B P B S	Boundary Post or Stone	P.C.B	Police Call Box
B.R.	Bridle Road	P	Pump
E.P	Electricity Pylon	S.P	Signal Post
F.B.	Foot Bridge	St.	Sluice
F.P.	Foot Path	Sp.	Spring
G.P	Guide Post or Board	T.C.B	Telephone Call Box
M.S	Mile Stone	Tr.	Trough
M.P M.R	Mooring Post or Ring	W	Well

Ordnance Survey Plan, Additional SIMs and Supply of Unpublished Survey Information 1:2,500 and 1:1,250



BH	Beer House	P	Pillar, Pole or Post
BP, BS	Boundary Post or Stone	PO	Post Office
Cn, C	Capstan, Crane	PC	Public Convenience
Chy	Chimney	PH	Public House
D Fn	Drinking Fountain	Pp	Pump
El P	Electricity Pillar or Post	SB, S Br	Signal Box or Bridge
FAP	Fire Alarm Pillar	SP, SL	Signal Post or Light
FB	Foot Bridge	Spr	Spring
GP	Guide Post	Tk	Tank or Track
H	Hydrant or Hydraulic	TCB	Telephone Call Box
LC	Level Crossing	TCP	Telephone Call Post
MH	Manhole	Tr	Trough
MP	Mile Post or Mooring Post	Wr Pt, Wr T	Water Point, Water Tap
MS	Mile Stone	W	Well
NTL	Normal Tidal Limit	Wd Pp	Wind Pump

Large-Scale National Grid Data 1:2,500 and 1:1,250

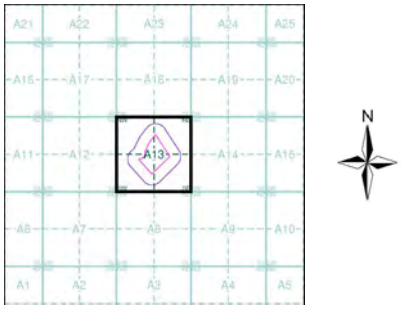
Bks	Barracks	P	Pillar, Pole or Post
Bty	Battery	PO	Post Office
Cemy	Cemetery	PC	Public Convenience
Chy	Chimney	Pp	Pump
Cis	Cistern	Ppg Sta	Pumping Station
Dismtd Rly	Dismantled Railway	PW	Place of Worship
El Gen Sta	Electricity Generating Station	Sewage Ppg Sta	Sewage Pumping Station
El P	Electricity Pole, Pillar	SB, S Br	Signal Box or Bridge
El Sub Sta	Electricity Sub Station	SP, SL	Signal Post or Light
FB	Filter Bed	Spr	Spring
Fn / D Fn	Fountain / Drinking Ftn.	Tk	Tank or Track
Gas Gov	Gas Valve Compound	Tr	Trough
GVC	Gas Governer	Wd Pp	Wind Pump
GP	Guide Post	Wr Pt, Wr T	Water Point, Water Tap
MH	Manhole	Wks	Works (building or area)
MP, MS	Mile Post or Mile Stone	W	Well

MASON EVANS
Geo-Environmental Consultants

Historical Mapping & Photography included:

Mapping Type	Scale	Date	Pg
Lanarkshire	1:2,500	1859	2
Dumbartonshire	1:2,500	1862 - 1891	3
Lanarkshire	1:2,500	1898	4
Lanarkshire	1:2,500	1912	5
Dumbartonshire	1:2,500	1918	6
Dumbartonshire	1:2,500	1938	7
Ordnance Survey Plan	1:1,250	1957 - 1958	8
Ordnance Survey Plan	1:2,500	1957 - 1958	9
Ordnance Survey Plan	1:1,250	1963 - 1974	10
Additional SIMs	1:1,250	1963 - 1992	11
Ordnance Survey Plan	1:2,500	1967 - 1968	12
Additional SIMs	1:1,250	1987	13
Large-Scale National Grid Data	1:1,250	1992	14
Large-Scale National Grid Data	1:1,250	1993	15
Large-Scale National Grid Data	1:1,250	1995	16

Historical Map - Segment A13



Order Details

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Search Buffer (m): 100

Site Details

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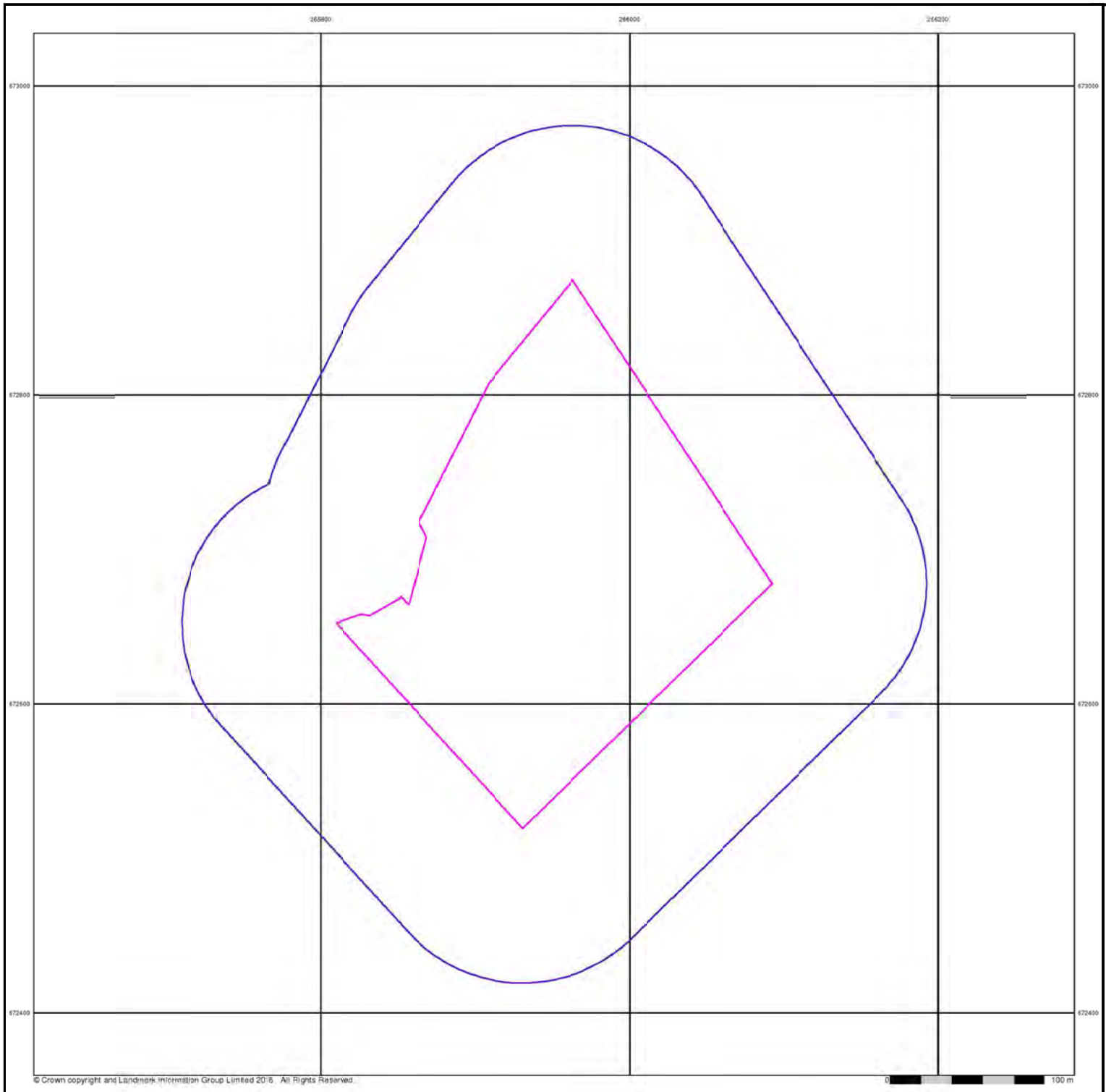


MASON EVANS
Geo-Environmental Consultants

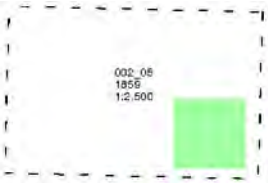
Lanarkshire

Published 1859

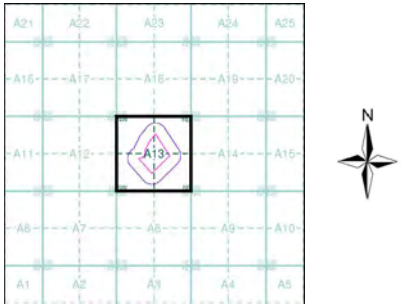
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



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Site Details

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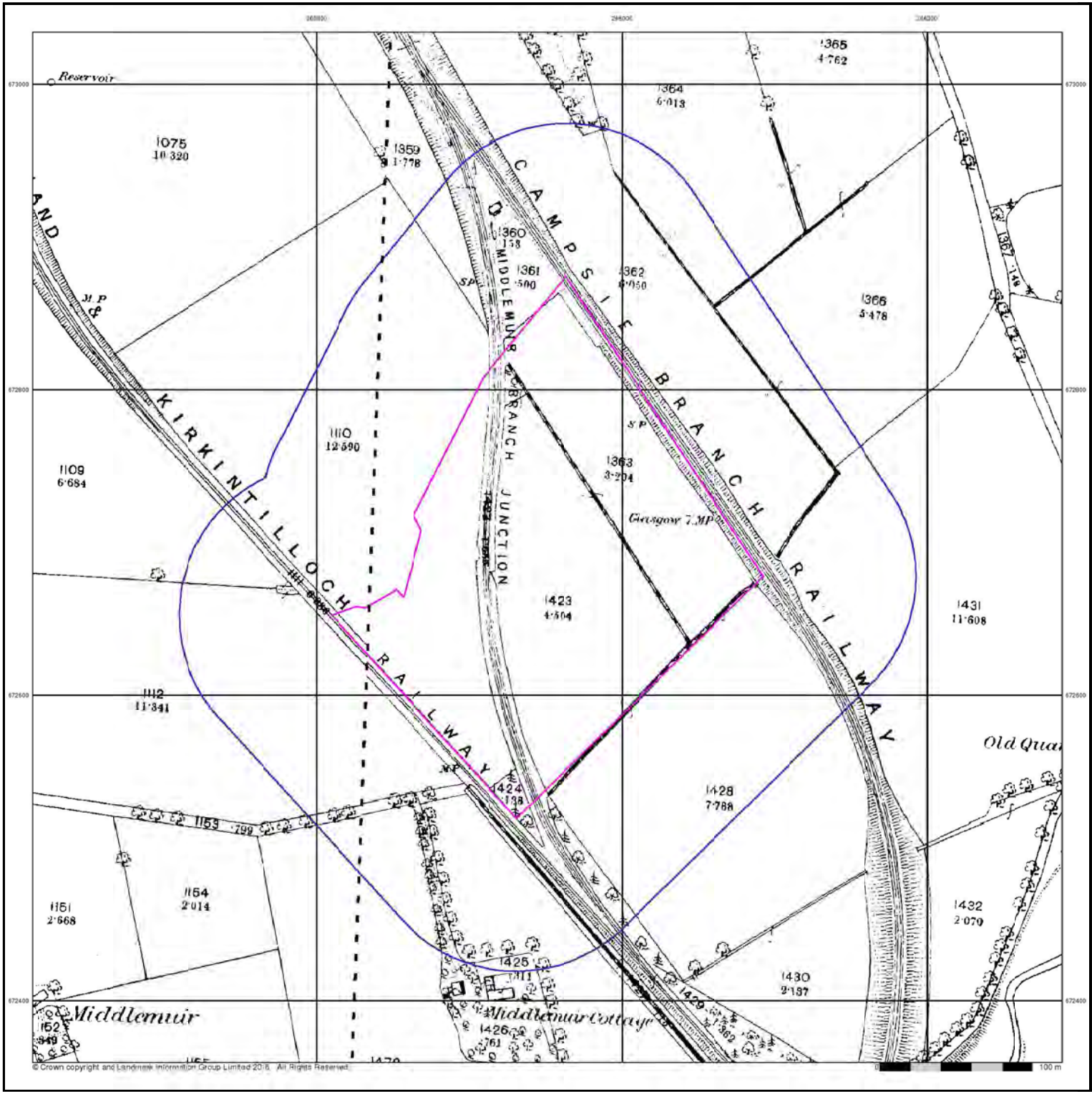

MASON EVANS
Geo-Environmental Consultants

Dumbartonshire

Published 1862 - 1891

Source map scale - 1:2,500

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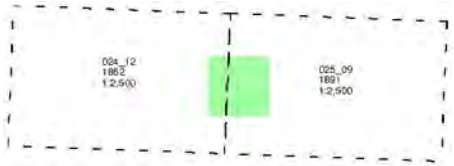
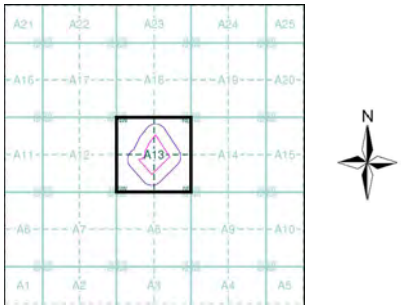


Historical Map - Segment A13



Order Details

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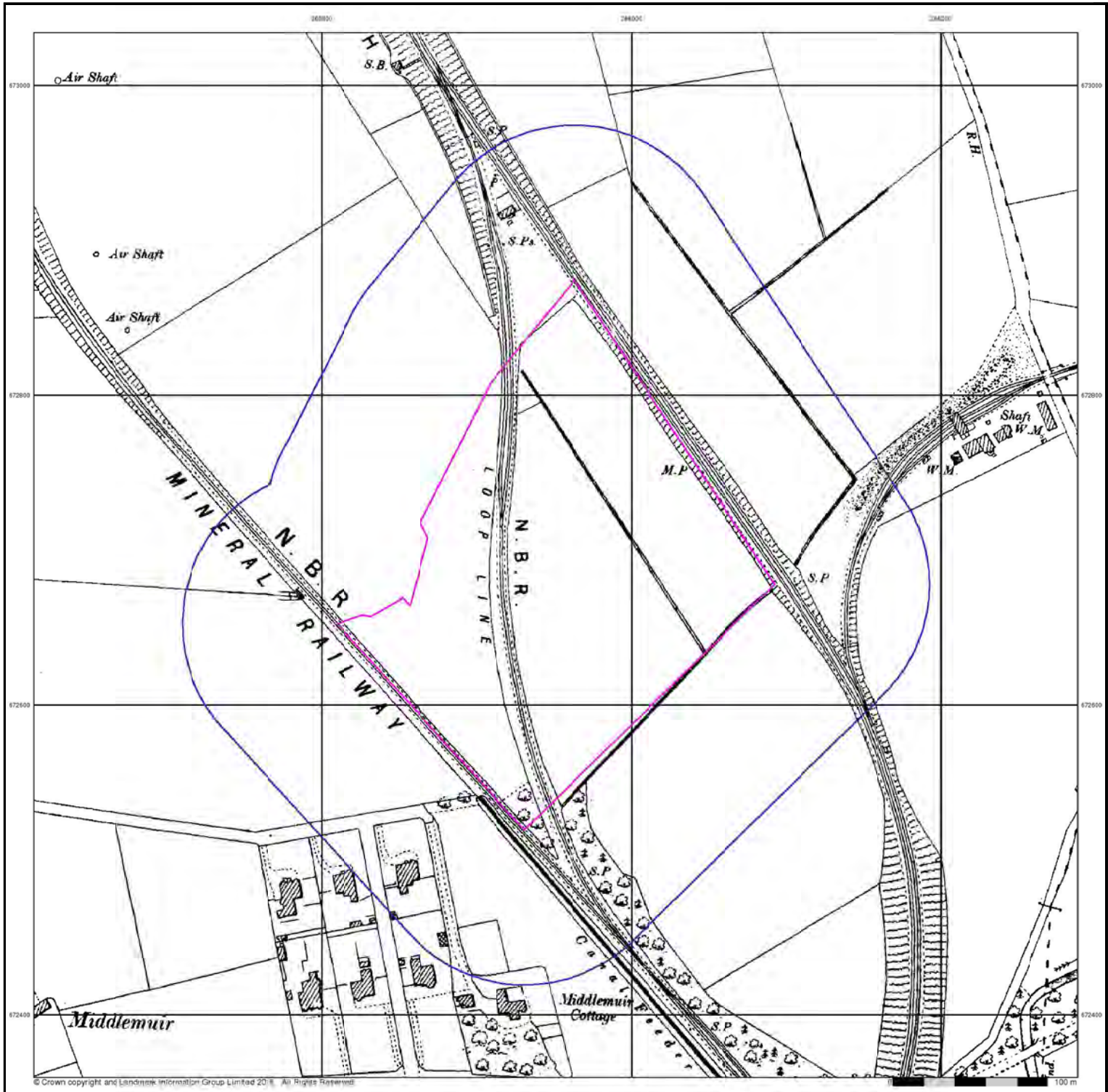

MASON EVANS
Geo-Environmental Consultants

Lanarkshire

Published 1898

Source map scale - 1:2,500

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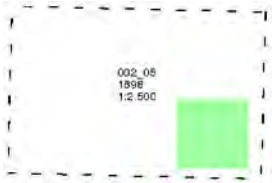
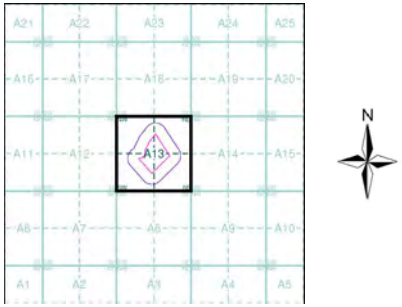


Historical Map - Segment A13



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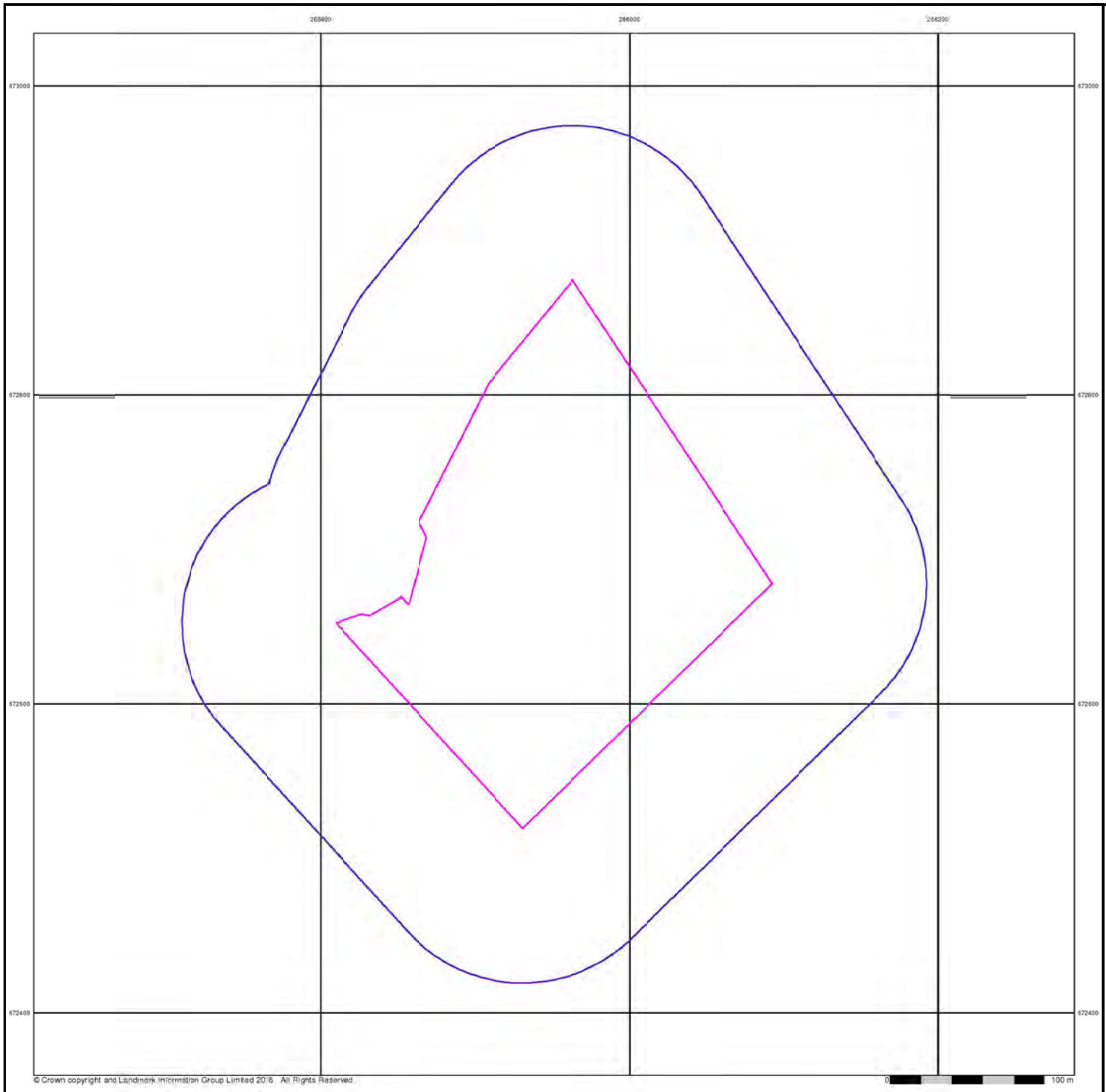

Lanarkshire

Published 1912

Source map scale - 1:2,500

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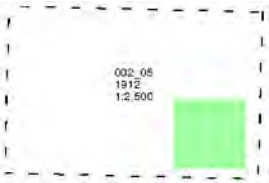
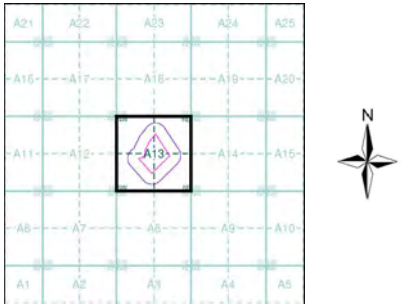


Historical Map - Segment A13



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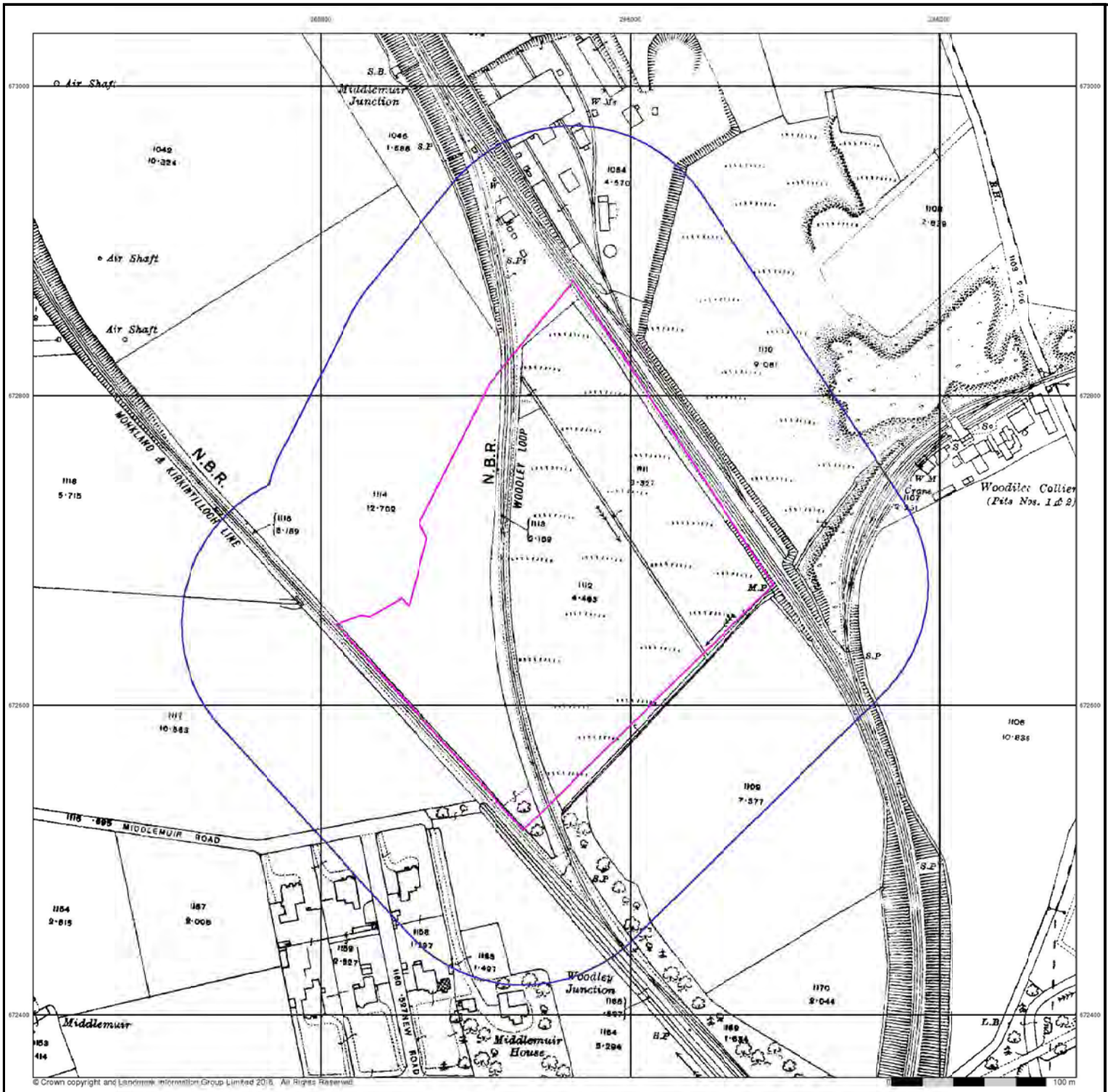

MASON EVANS
Geo-Environmental Consultants

Dumbartonshire

Published 1918

Source map scale - 1:2,500

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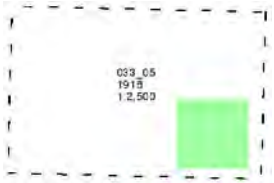
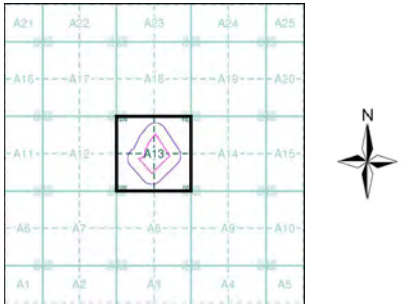


Historical Map - Segment A13



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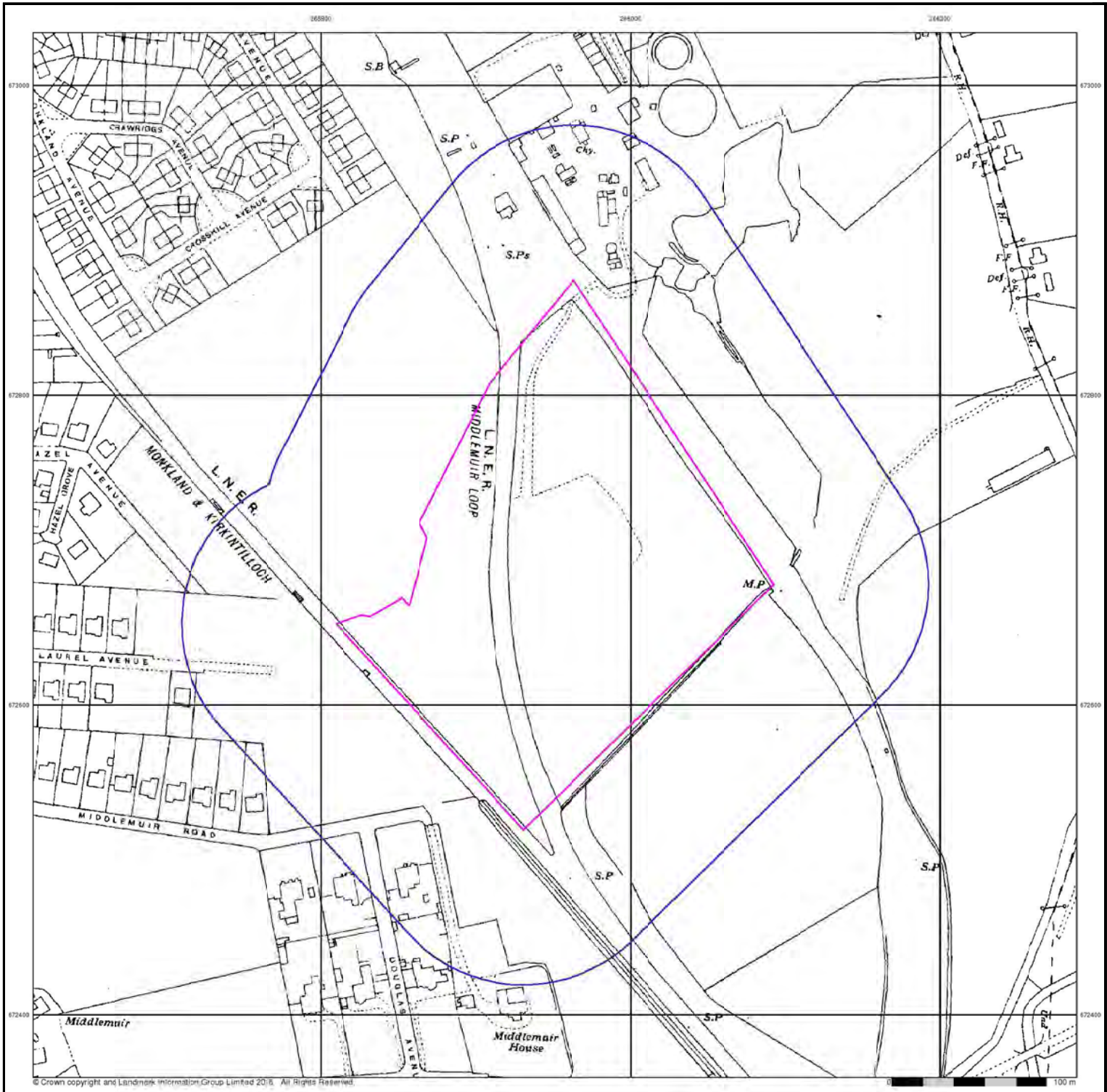

MASON EVANS
Geo-Environmental Consultants

Dumbartonshire

Published 1938

Source map scale - 1:2,500

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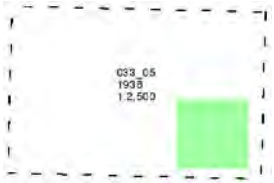
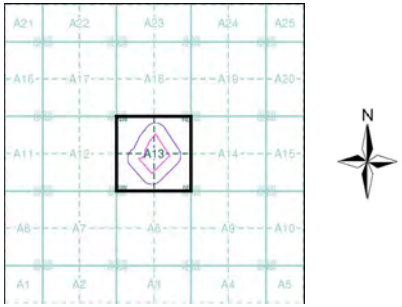


Historical Map - Segment A13



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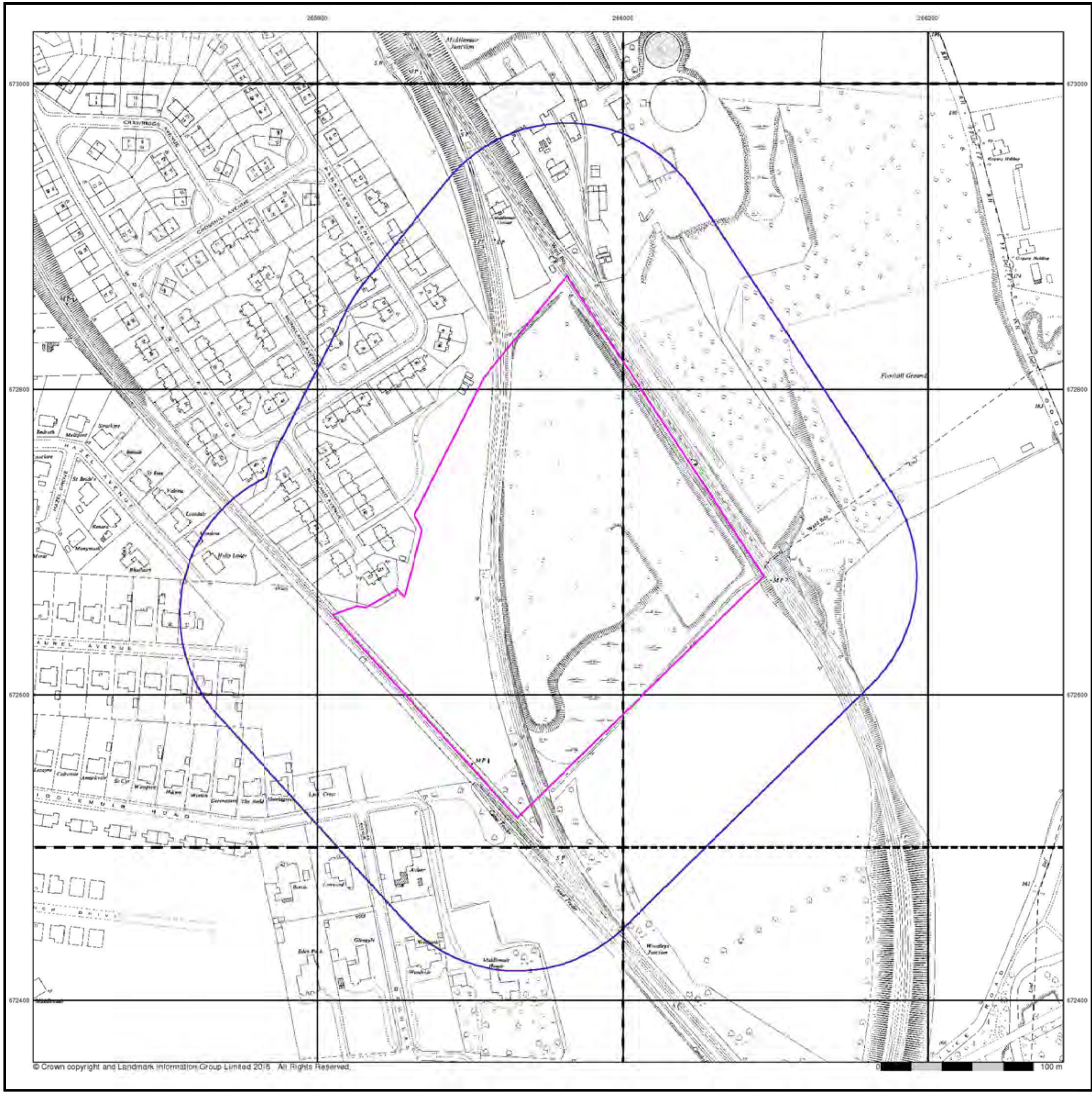


Ordnance Survey Plan

Published 1957 - 1958

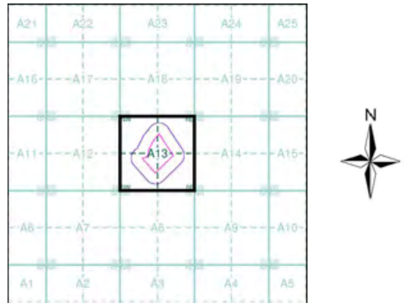
Source map scale - 1:1,250

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840`s. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)

NS6573SE 1958 1:1,250	NS6673SW 1957 1:1,250
NS6572NE 1957 1:1,250	NS6672NW 1957 1:1,250
NS6572SE 1957 1:1,250	NS6672SW 1957 1:1,250

Historical Map - Segment A13



Order Details

Order Number: 175498074_1_1
Customer Ref:
National Grid Reference: 265950, 672690
Slice: A
Site Area (Ha): 4.85
Search Buffer (m): 100

Site Details

Whitegates, Initiative Road, Kirkintilloch, GLASGOW, G66 3BS

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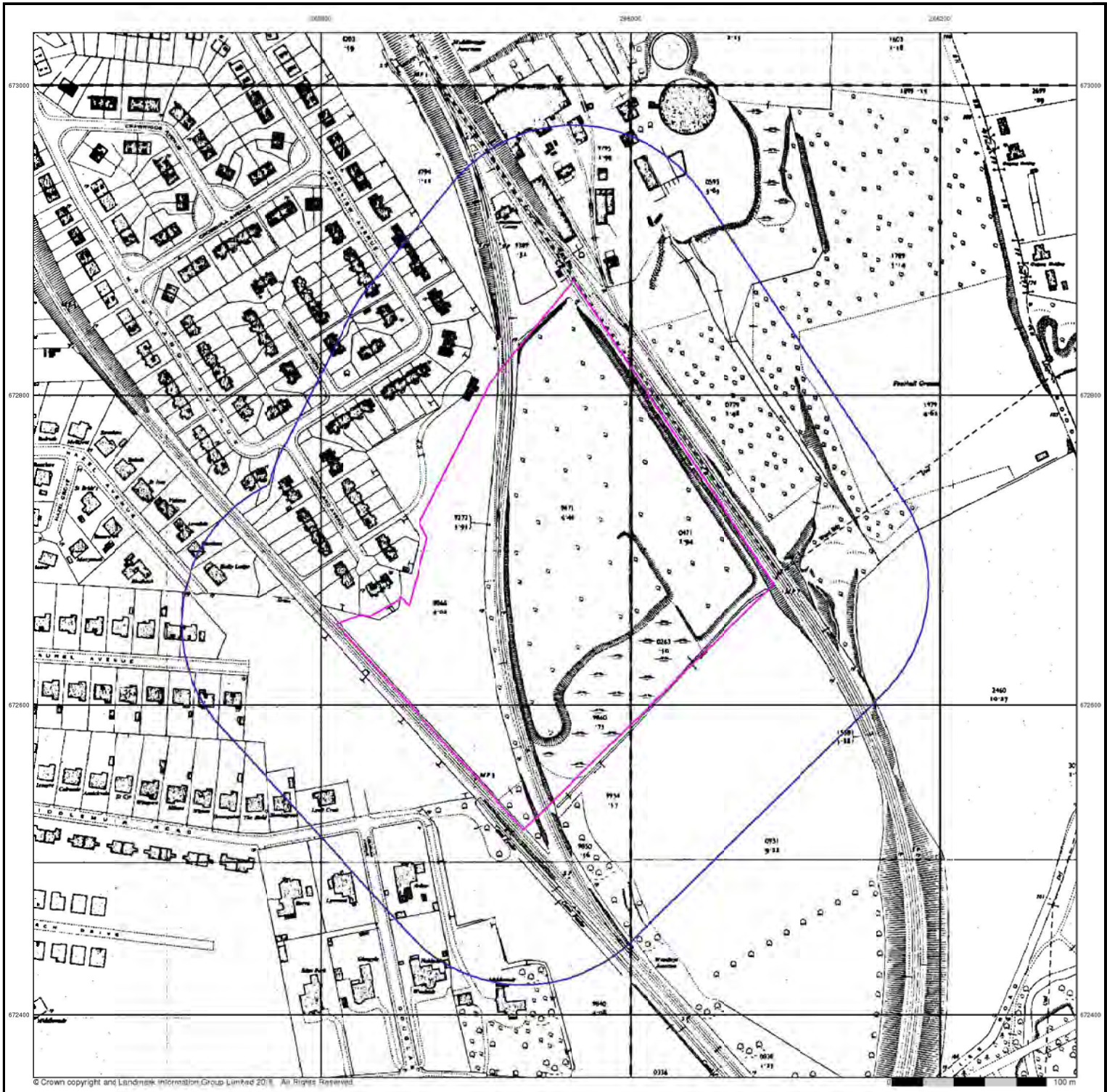

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Geo-Environmental Consultants

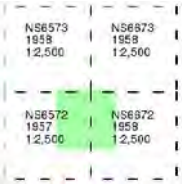
Ordnance Survey Plan

Published 1957 - 1958

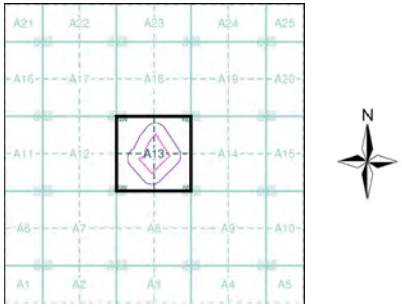
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13

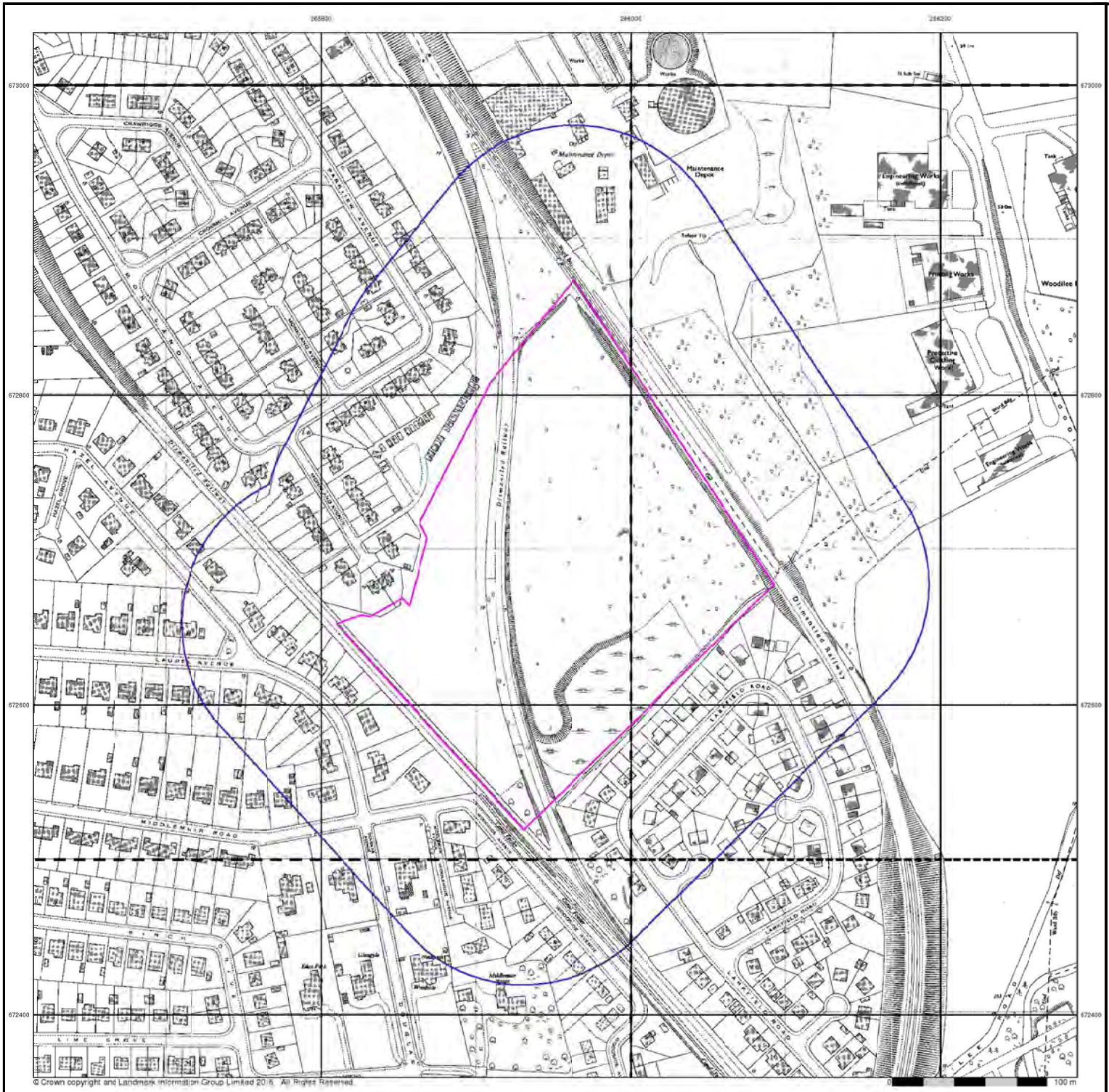


Order Details

Order Number:	175498074_1_1
Customer Ref:	
National Grid Reference:	265950, 672690
Slice:	A
Site Area (Ha):	4.85
Search Buffer (m):	100

Site Details

Whitegates, Initiative Road, Kirkintilloch, GLASGOW, G66 3BS



MASON EVANS
Geo-Environmental Consultants

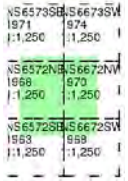
Ordnance Survey Plan

Published 1963 - 1974

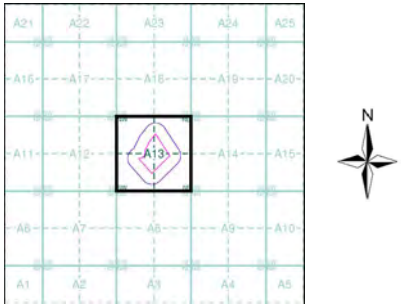
Source map scale - 1:1,250

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	175498074_1_1
Customer Ref:	
National Grid Reference:	265950, 672690
Slice:	A
Site Area (Ha):	4.85
Search Buffer (m):	100

Site Details

Whitegates, Initiative Road, Kirkintilloch, GLASGOW, G66 3BS

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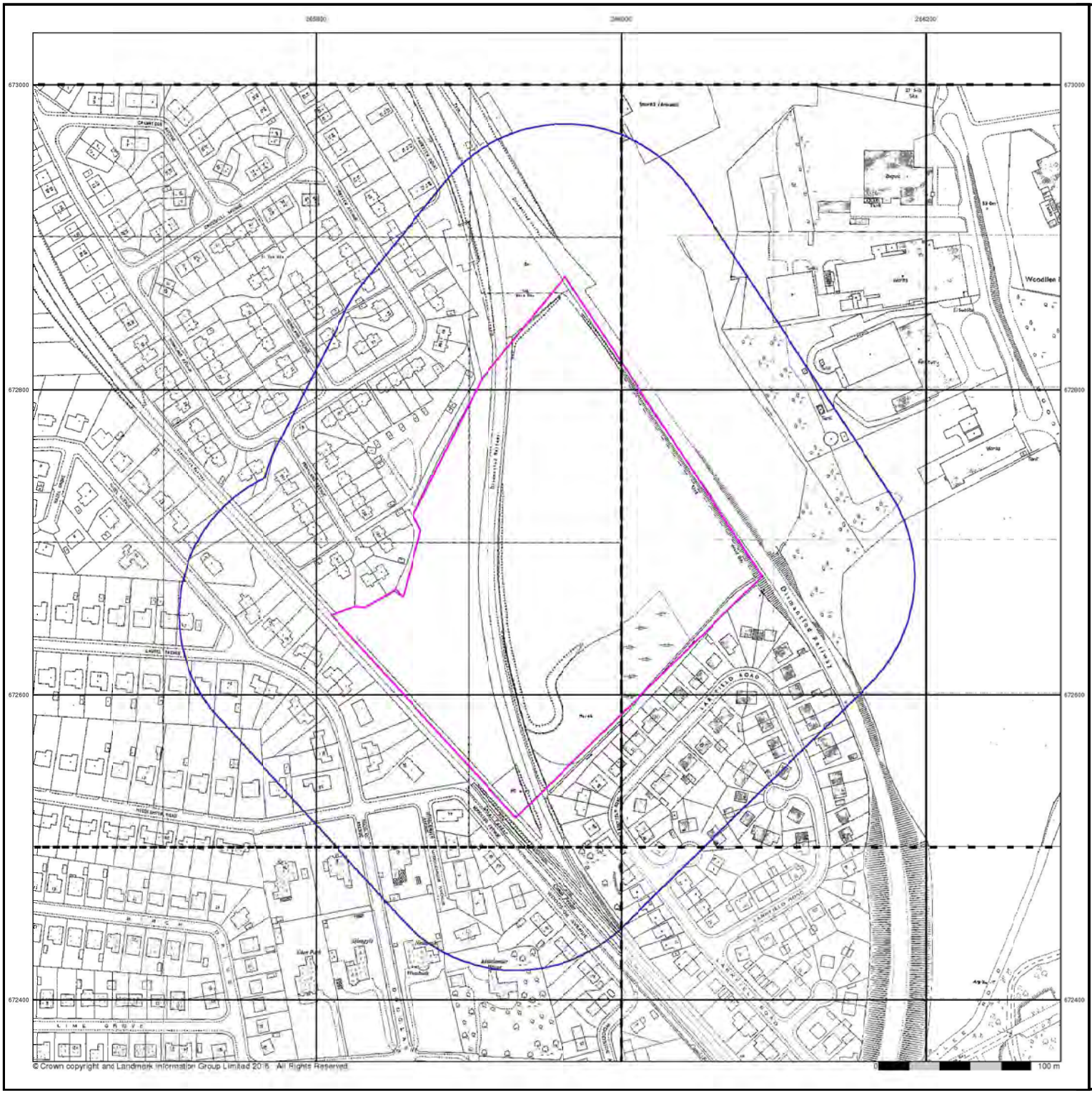
Fax: 0844 844 9951
Web: www.envirocheck.co.uk



MASON EVANS
Geo-Environmental Consultants

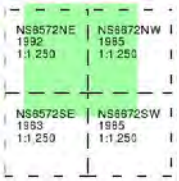
Additional SIMs

Published 1963 - 1992

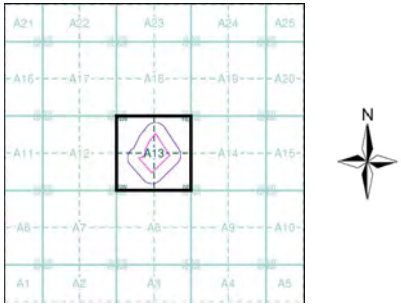
Source map scale - 1:1,250

The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	175498074_1_1
Customer Ref:	
National Grid Reference:	265950, 672690
Slice:	A
Site Area (Ha):	4.85
Search Buffer (m):	100

Site Details

Whitegates, Initiative Road, Kirkintilloch, GLASGOW, G66 3BS

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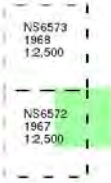
Ordnance Survey Plan

Published 1967 - 1968

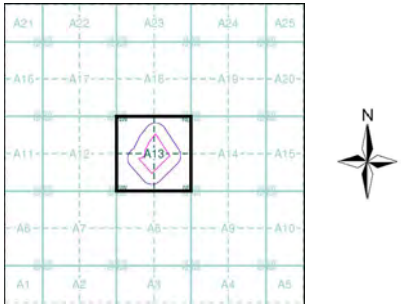
Source map scale - 1:2,500

The historical maps shown were reproduced from maps predominantly held at the scale adopted for England, Wales and Scotland in the 1840's. In 1854 the 1:2,500 scale was adopted for mapping urban areas and by 1896 it covered the whole of what were considered to be the cultivated parts of Great Britain. The published date given below is often some years later than the surveyed date. Before 1938, all OS maps were based on the Cassini Projection, with independent surveys of a single county or group of counties, giving rise to significant inaccuracies in outlying areas.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

Order Number:	175498074_1_1
Customer Ref:	
National Grid Reference:	265950, 672690
Slice:	A
Site Area (Ha):	4.85
Search Buffer (m):	100

Site Details

Whitegates, Initiative Road, Kirkintilloch, GLASGOW, G66 3BS

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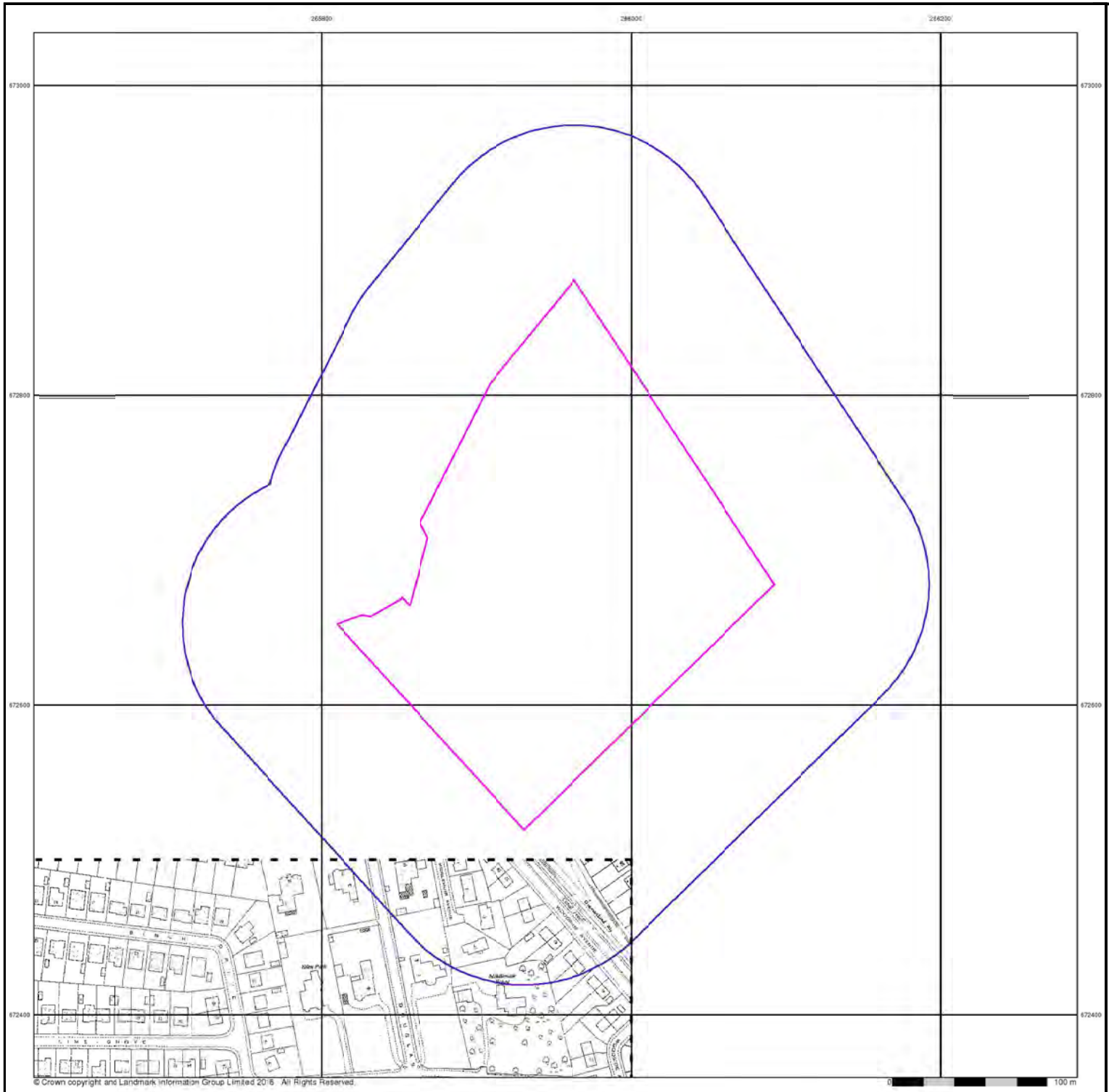


MASON EVANS
Geo-Environmental Consultants

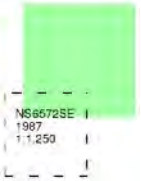
Additional SIMs

Published 1987

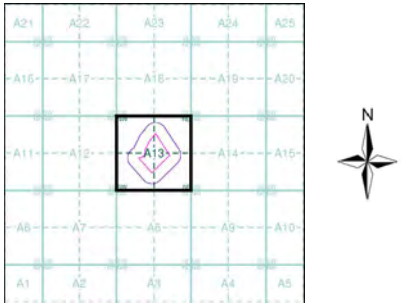
Source map scale - 1:1,250

The SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') are further, minor editions of mapping which were produced and published in between the main editions as an area was updated. They date from 1947 to 1994, and contain detailed information on buildings, roads and land-use. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



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Customer Ref:	
National Grid Reference:	265950, 672690
Slice:	A
Site Area (Ha):	4.85
Search Buffer (m):	100

Site Details

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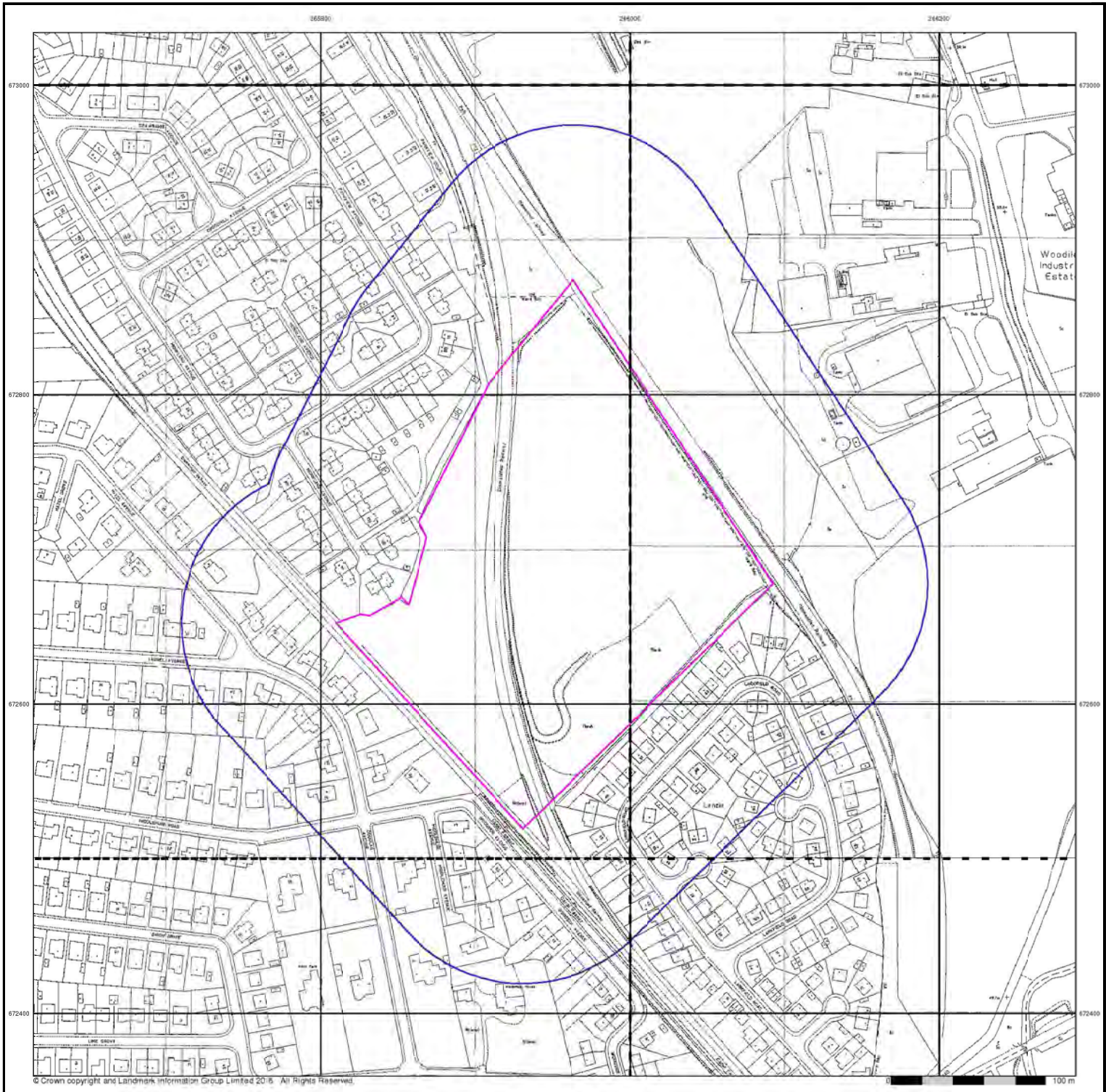


MASON EVANS
Geo-Environmental Consultants

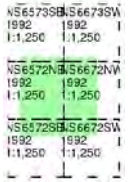
Large-Scale National Grid Data

Published 1992

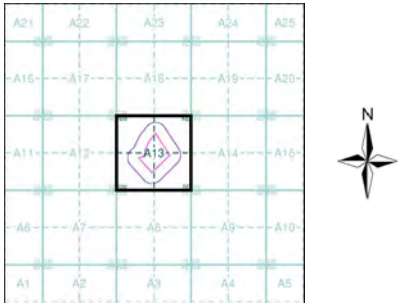
Source map scale - 1:1,250

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



Order Details

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Customer Ref:	
National Grid Reference:	265950, 672690
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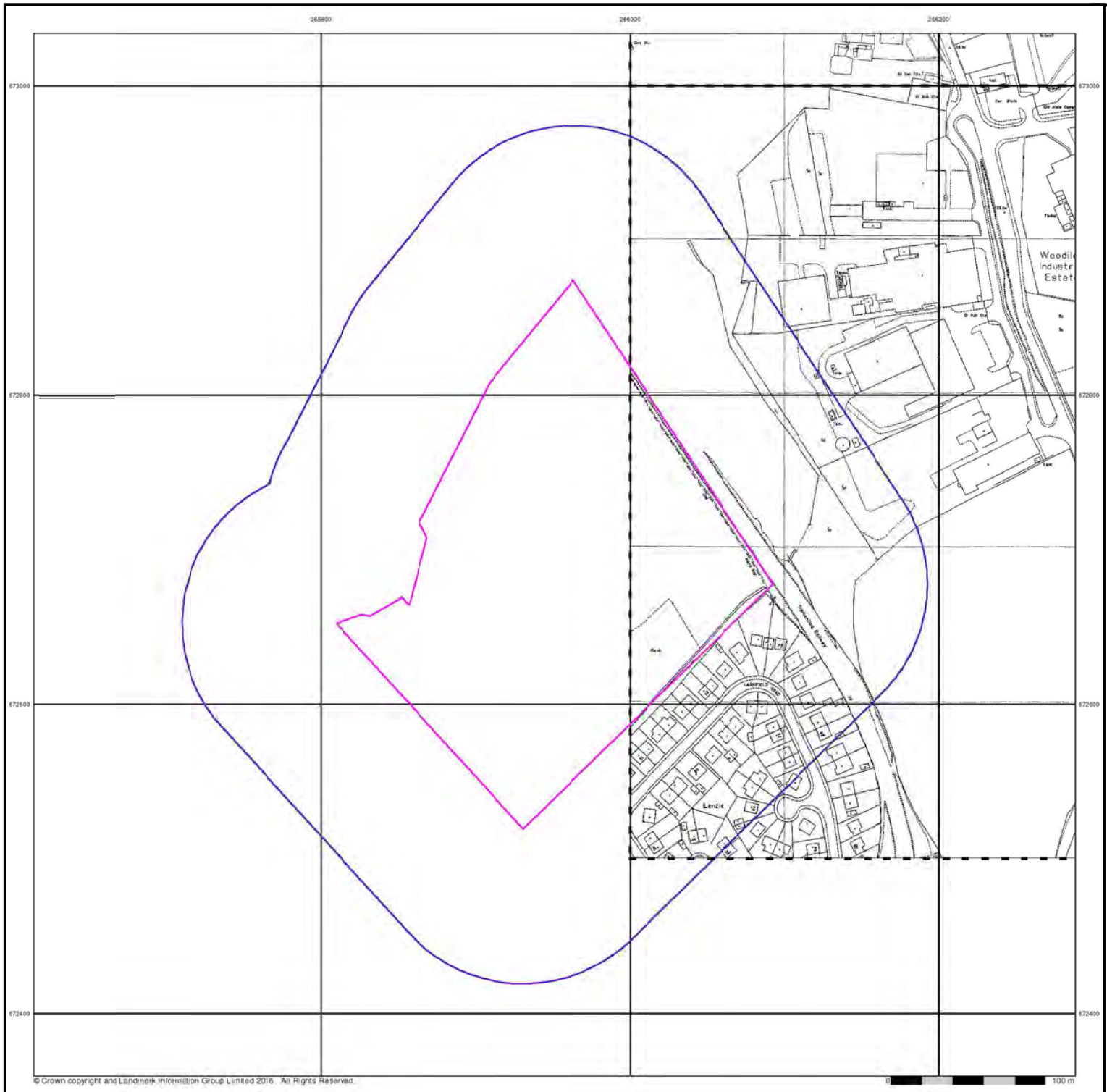
Site Area (Ha):	4.85
Search Buffer (m):	100

Site Details

Whitegates, Initiative Road, Kirkintilloch, GLASGOW, G66 3BS



MASON EVANS
Geo-Environmental Consultants

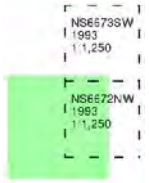
Large-Scale National Grid Data

Published 1993

Source map scale - 1:1,250

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



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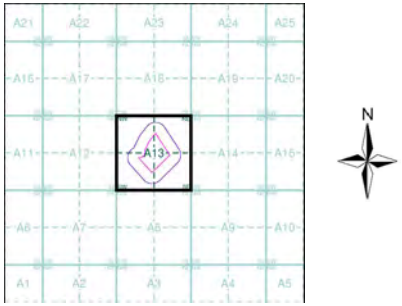

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Site Area (Ha):	4.85
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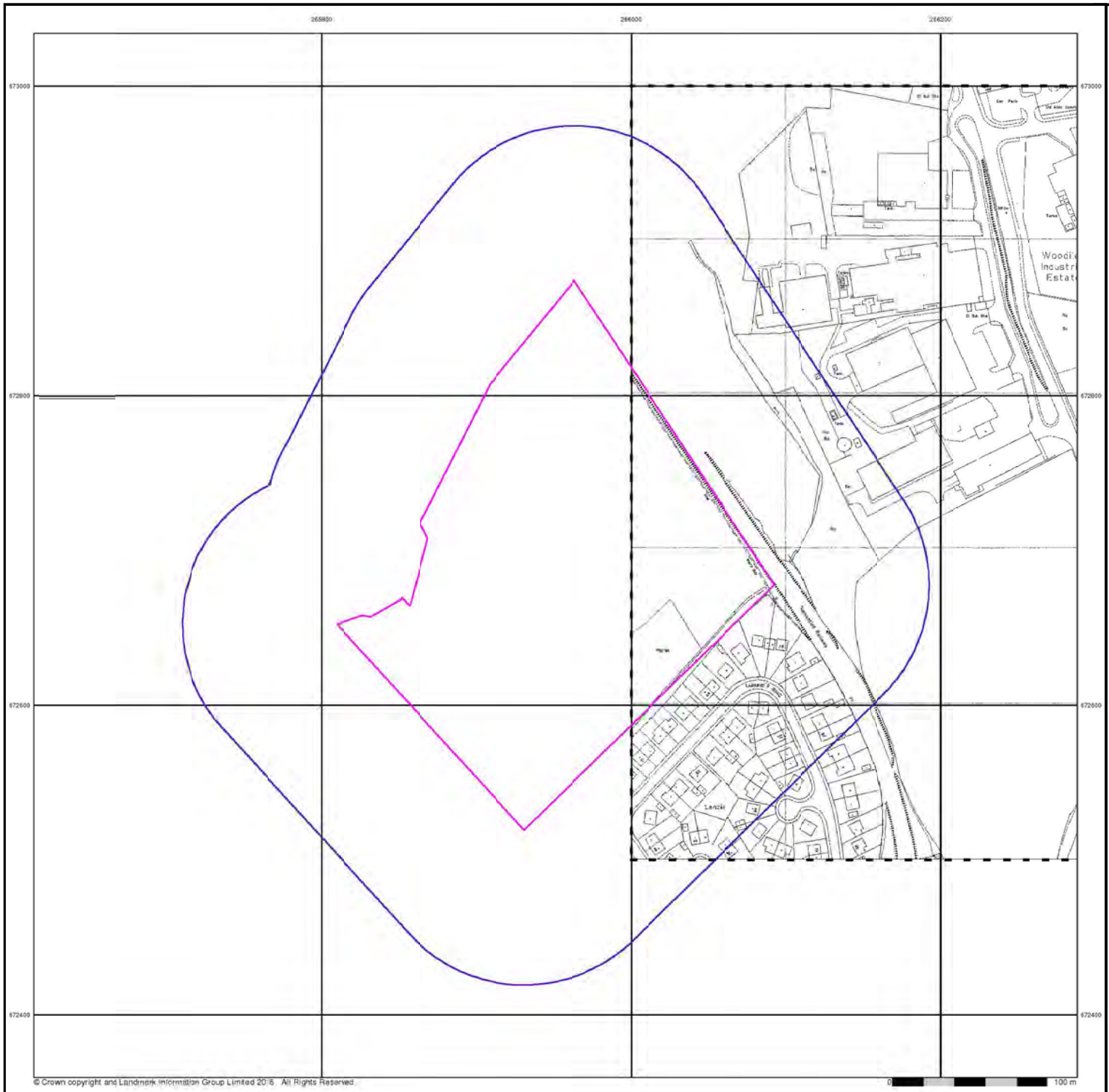


MASON EVANS
Geo-Environmental Consultants

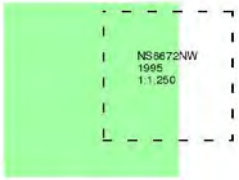
Large-Scale National Grid Data

Published 1995

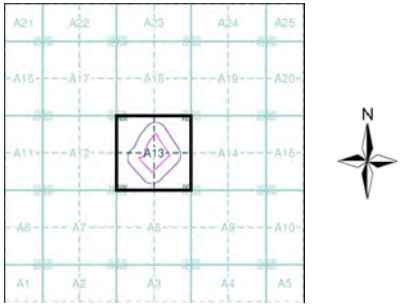
Source map scale - 1:1,250

'Large Scale National Grid Data' superseded SIM cards (Ordnance Survey's 'Survey of Information on Microfilm') in 1992, and continued to be produced until 1999. These maps were the fore-runners of digital mapping and so provide detailed information on houses and roads, but tend to show less topographic features such as vegetation. These maps were produced at both 1:2,500 and 1:1,250 scales.

Map Name(s) and Date(s)



Historical Map - Segment A13



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Customer Ref:	
National Grid Reference:	265950, 672690
Slice:	A
Site Area (Ha):	4.85
Search Buffer (m):	100

Site Details

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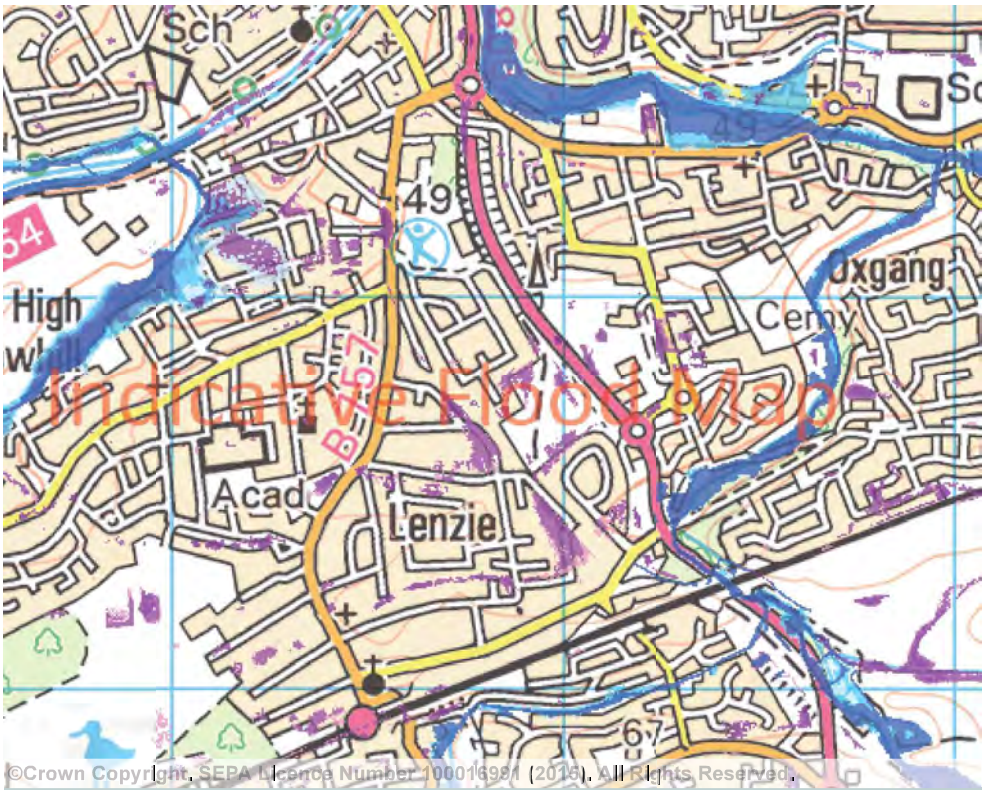
Web: www.envirocheck.co.uk

Appendix 03

SEPA Information

SEPA Scottish Environment Protection Agency

Flood Maps



Map Legend

Areas that may flood - All Likelihood

River
- High
- Medium
- Low

Surface Water
- High
- Medium
- Low

Coastal
- High
- Medium
- Low

Disclaimer and Terms and Conditions
All intellectual property rights are owned by SEPA or its licensors. The maps cannot be used for commercial purposes, by value added resellers or for income generating purpose. A full list of terms and conditions is available from the flood maps or by contacting flooding@sepa.org.uk.

The maps are indicative and of a strategic nature. Whilst all reasonable effort has been made to ensure that the flood maps are accurate for their intended purpose, no warranty is given by SEPA in this regard. Within any modelling technique there is inherent uncertainty. SEPA has assessed the confidence it has in the maps and has shaded areas where data is not appropriate for use or where no data is available. It is inappropriate for these maps to be used to assess flood risk to an individual property.

Acknowledgements
The maps were developed using data from various sources. Full acknowledgement of data providers and participating parties is from the flood maps.

Maps creation dates
Created: January 2014 This supersedes the Indicative River and Coastal Flood Map (Scotland)
Updated: 3 March 2015
Updated: 2 December 2015

The flood maps reflect the knowledge and data that was available to be incorporated at the time of publication.

For further queries please contact flooding@sepa.org.uk

.

Plan Narrative

I'm interested in the

Overall condition

of:

groundwaters

I would like to see an:

interactive map

What was the condition in 2014?

Where are the pressures?

When will action be taken?

When will good condition be restored?

What is the projected condition of groundwaters:

- in 2021?
- in 2027?
- Longer term?
- Comparing all years?
- By reducing extent of pressures?

What won't achieve good condition?

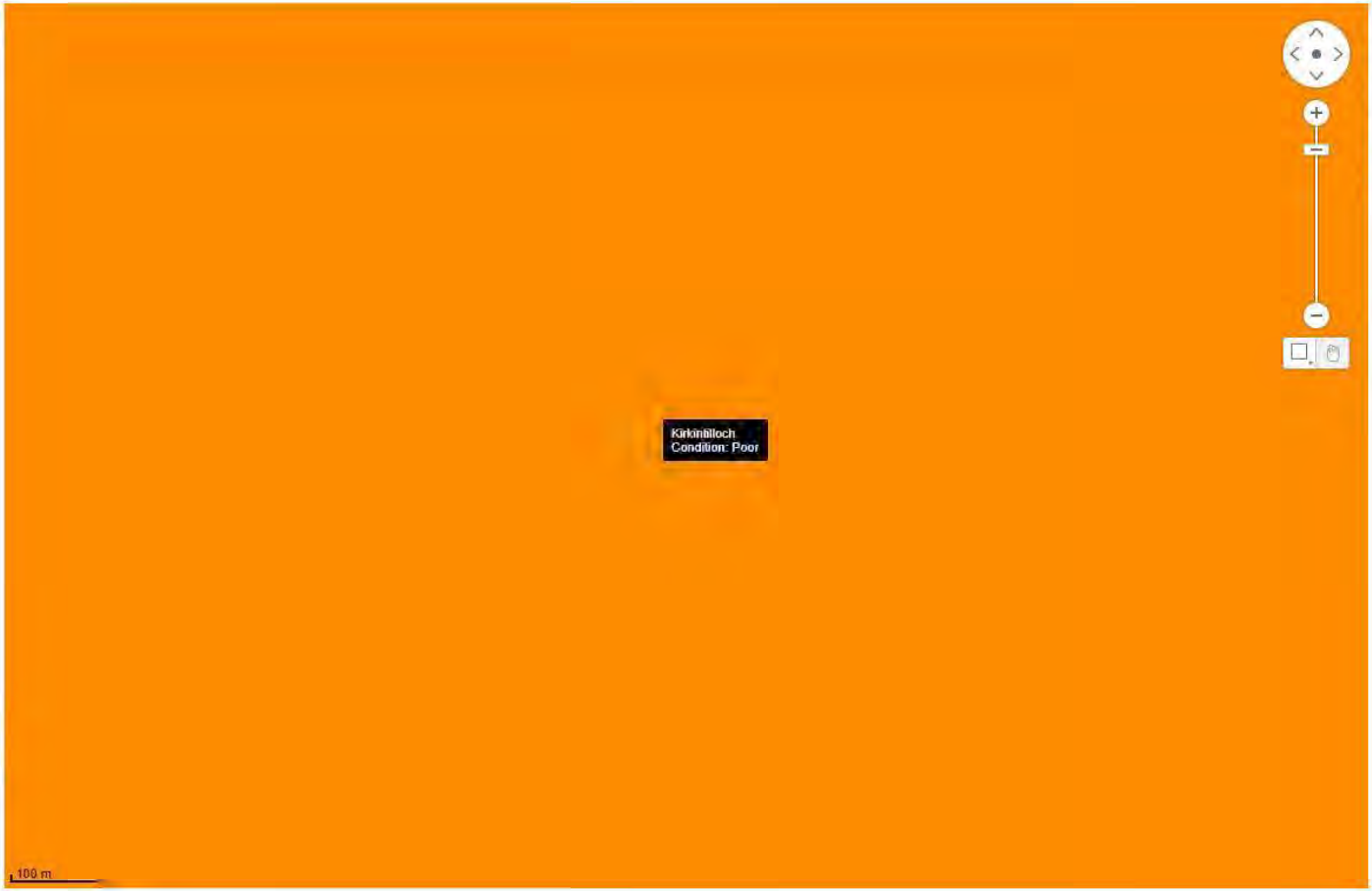
Looking for detailed information on a single water body or protected area? Click here...

View more data and maps... Clear all filters

Geographical Filters

Additional Filters

This page uses data from 2015.
Annual updates on the condition of the water environment can be found at SEPA's classification hub. For the most recent information on a particular water body please contact rbmp@sepa.org.uk



This map displays the overall condition of bodies of groundwaters in 2014.

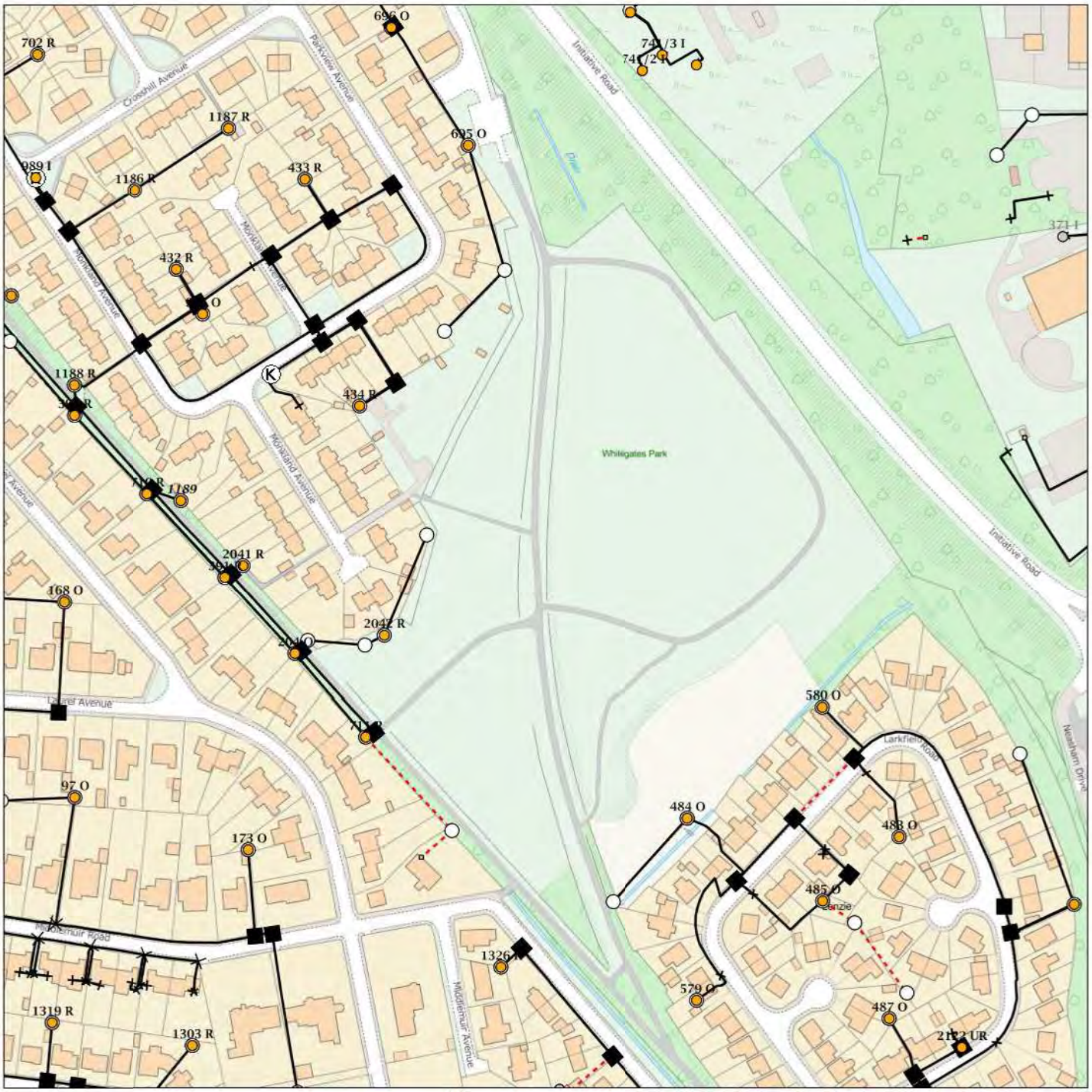
Condition

- Good
- Poor

Appendix 04

Service Plans

Maps by email Plant Information Reply



IMPORTANT WARNING

Information regarding the location of BT apparatus is given for your assistance and is intended for general guidance only. No guarantee is given of its accuracy. It should not be relied upon in the event of excavations or other works being made near to BT apparatus which may exist at various depths and may deviate from the marked route.

openreach

CLICK BEFORE YOU DIG

FOR PROFESSIONAL FREE ON SITE ASSISTANCE PRIOR TO COMMENCEMENT OF EXCAVATION WORKS INCLUDING LOCATE AND MARKING SERVICE

email cbyd@openreach.co.uk

ADVANCE NOTICE REQUIRED
(Office hours: Monday - Friday 08.00 to 17.00)
www.openreach.co.uk/cbyd

KEY TO BT SYMBOLS

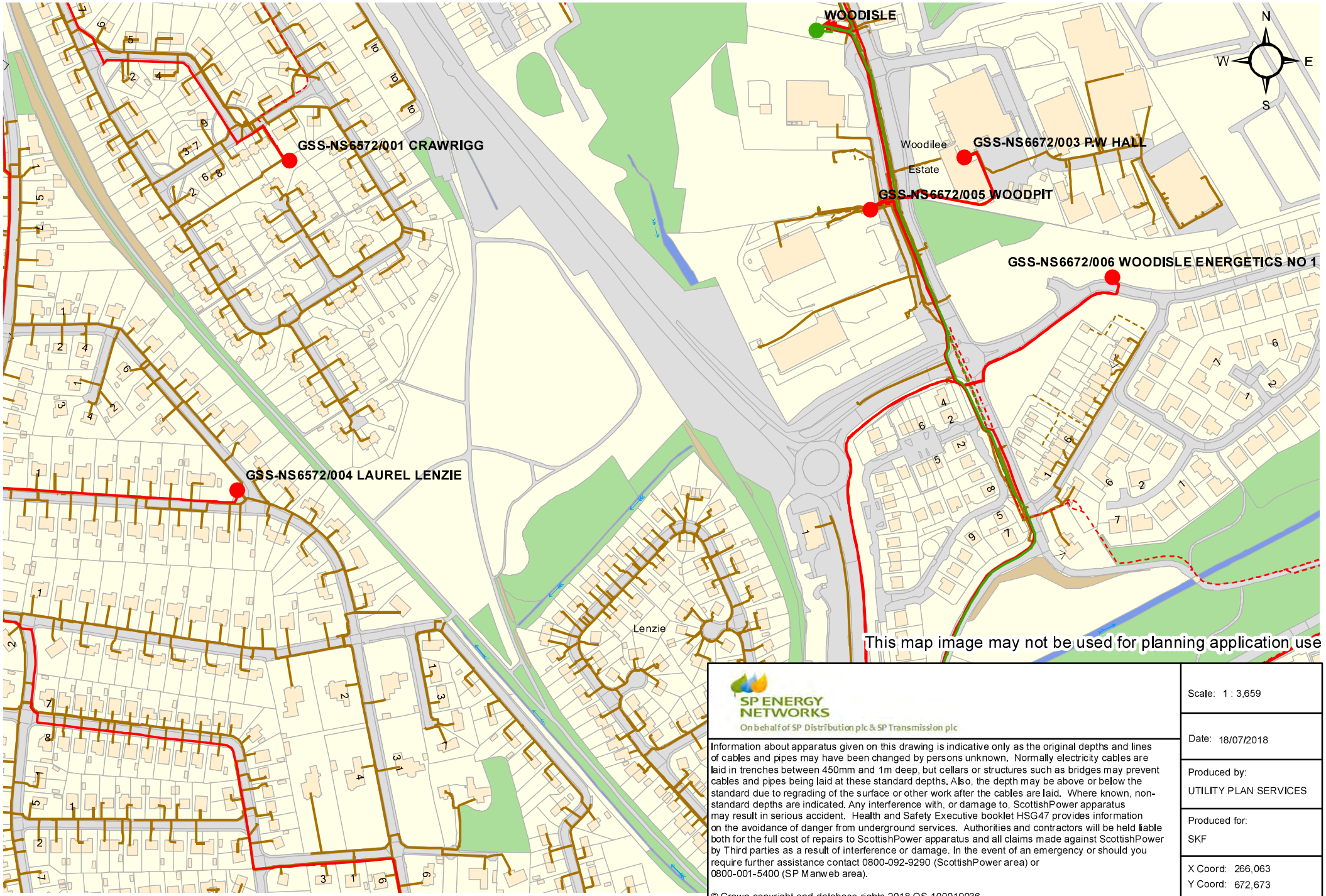
DP	Pole
Planned DP	Planned Pole
PCP	Joint Box
Planned PCP	Change Of State
Built	Split Coupling
Planned	Duct Tee
Inferred	Planned Box
Duct	Manhole
Building	Planned Manhole
Kiosk	Cabinet
Hatchings	Planned Cabinet

Other proposed plant is shown using dashed lines.
BT Symbols not listed above maybe disregarded.
Existing BT Plant may not be recorded.
Information valid at time of preparation

BT Ref : HVO09135P
Map Reference : (centre) NS6591972701
Easting/Northing : (centre) 265919,672701
Issued : 18/07/2018 21:13:41

WARNING: IF PLANNED WORKS FALL INSIDE HATCHED AREA IT IS ESSENTIAL BEFORE PROCEEDING THAT YOU CONTACT THE NATIONAL NOTICE HANDLING CENTRE. PLEASE SEND E-MAIL TO: nnhc@openreach.co.uk

IMITATIVE RD



SP ENERGY NETWORKS
On behalf of SP Distribution plc & SP Transmission plc

Information about apparatus given on this drawing is indicative only as the original depths and lines of cables and pipes may have been changed by persons unknown. Normally electricity cables are laid in trenches between 450mm and 1m deep, but cellars or structures such as bridges may prevent cables and pipes being laid at these standard depths. Also, the depth may be above or below the standard due to regrading of the surface or other work after the cables are laid. Where known, non-standard depths are indicated. Any interference with, or damage to, ScottishPower apparatus may result in serious accident. Health and Safety Executive booklet HSG47 provides information on the avoidance of danger from underground services. Authorities and contractors will be held liable both for the full cost of repairs to ScottishPower apparatus and all claims made against ScottishPower by Third parties as a result of interference or damage. In the event of an emergency or should you require further assistance contact 0800-092-9290 (ScottishPower area) or 0800-001-5400 (SP Manweb area).

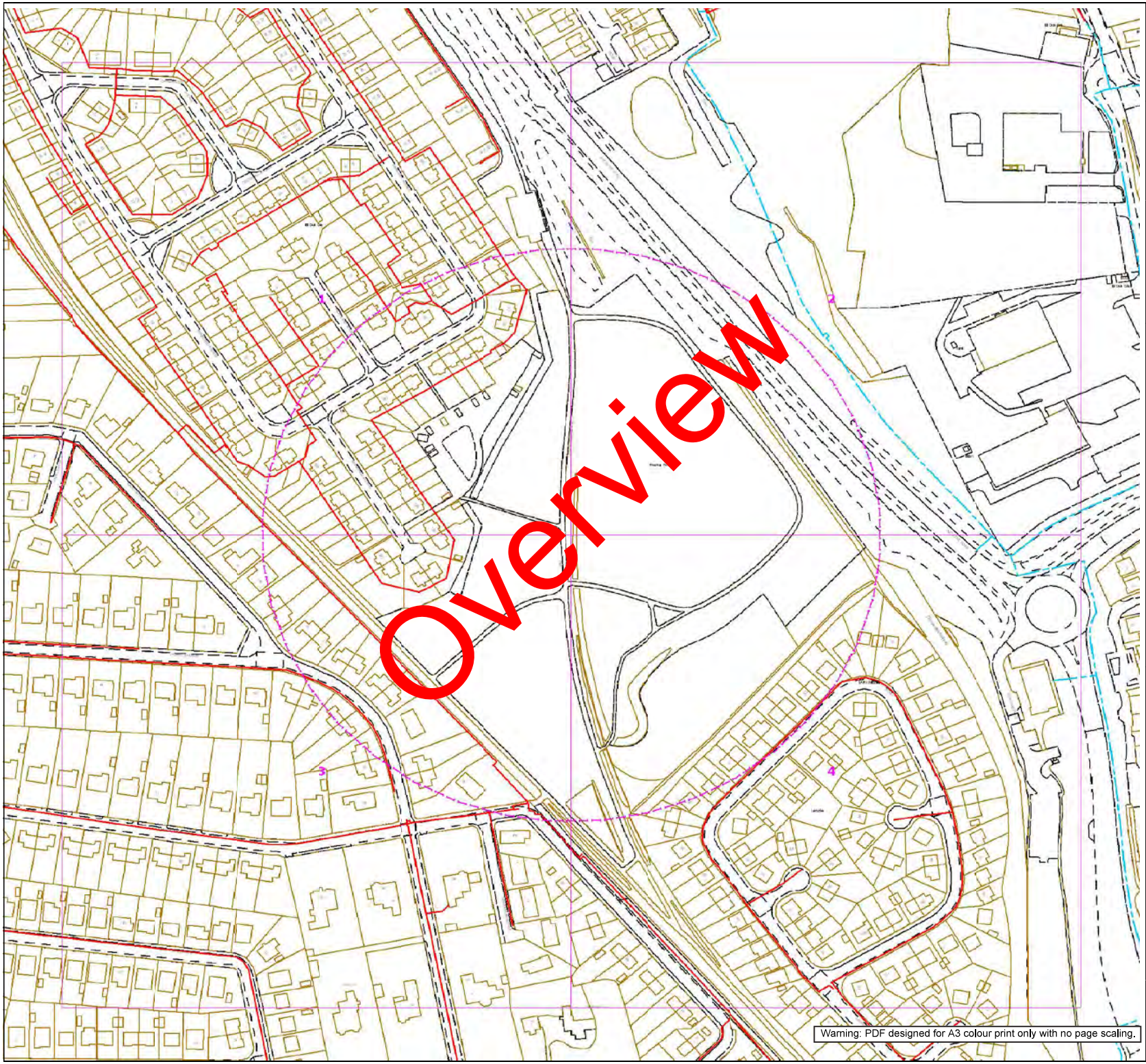
Scale: 1 : 3,659

Date: 18/07/2018

Produced by:
UTILITY PLAN SERVICES

Produced for:
SKF

X Coord: 266,063
Y Coord: 672,673



N
W E
S

SGN
Your gas. Our network.

Contact Us

Mapping Enquiries:
All areas

General Enquiries:
All areas

Date Requested: 18/07/2018
Job Reference: 13308770
Site Location: 265919 672702
Requested by:
Mr SCOTT FARQUHAR
Your Scheme/Reference:
IMITATIVE RD

This plan shows the location of those pipes owned by Scotia Gas Networks (SGN) by virtue of being a licensed Gas Transporter (GT). Gas pipes owned by other GTs or third parties may also be present in this area but are not shown on this plan. Information with regard to such pipes should be obtained from the relevant owners. No warranties are given with regard to the accuracy of the information shown on this plan. Service pipes, valves, siphons, sub-connections etc. are not shown but their presence should be anticipated. You should be aware that a small percentage of our pipes/assets may be undergoing review and will temporarily be highlighted in yellow. If your proposed works are close to one of these pipes, you should contact the SGN Safety Admin Team on 0800 912 1722 for advice. No liability of any kind whatsoever is accepted by SGN or its agents, servants or sub-contractors for any error or omission contained herein. Safe digging practices, in accordance with HS (G)47, must be used to verify and establish the actual position of mains, pipes, services and other apparatus on site before any mechanical plant is used. It is your responsibility to ensure that plant location information is provided to all persons (whether direct labour or sub-contractors) working for you on or near gas apparatus. Information included on this plan should not be referred to beyond a period of 28 days from the date of issue.

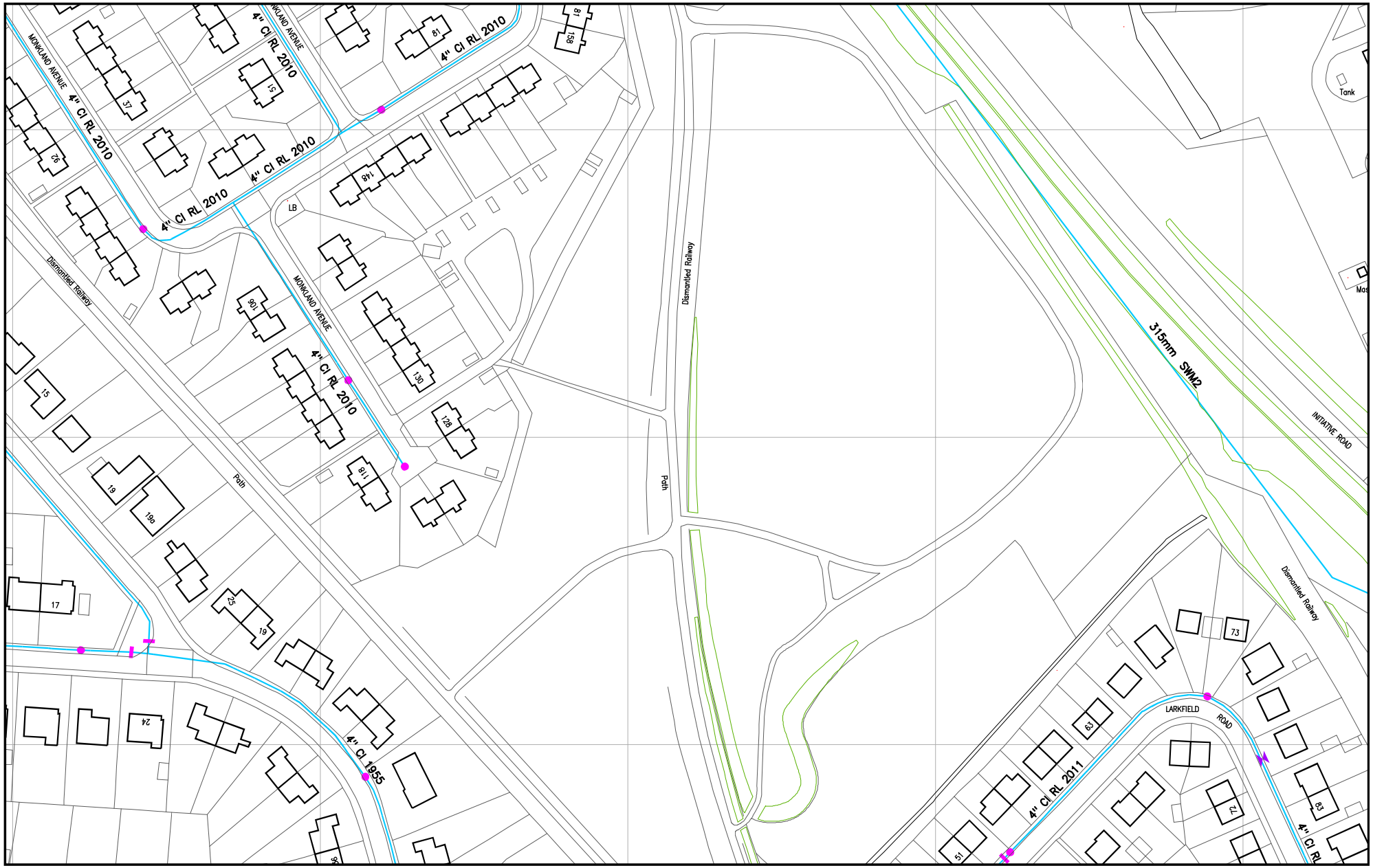
Report damage immediately – KEEP EVERYONE AWAY FROM THE AREA
0800 111 999

Low Pressure Mains
Medium Pressure Mains
Intermediate Pressure Mains
High Pressure Mains
LAs
GTs
SSSIs

Some Examples Of Plant Items
Valve Syphon Depth of Cover Diameter Change Material Change

Digsite: Line: Area:

Linesearch before dig



N

The representation of physical assets and the boundaries of areas in which Scottish Water and others have an interest does not necessarily imply their true positions. For further details contact the appropriate District Office.

Date Plotted: 18/07/2018

IMATATIVE ROAD, KIRKINTILLOCH

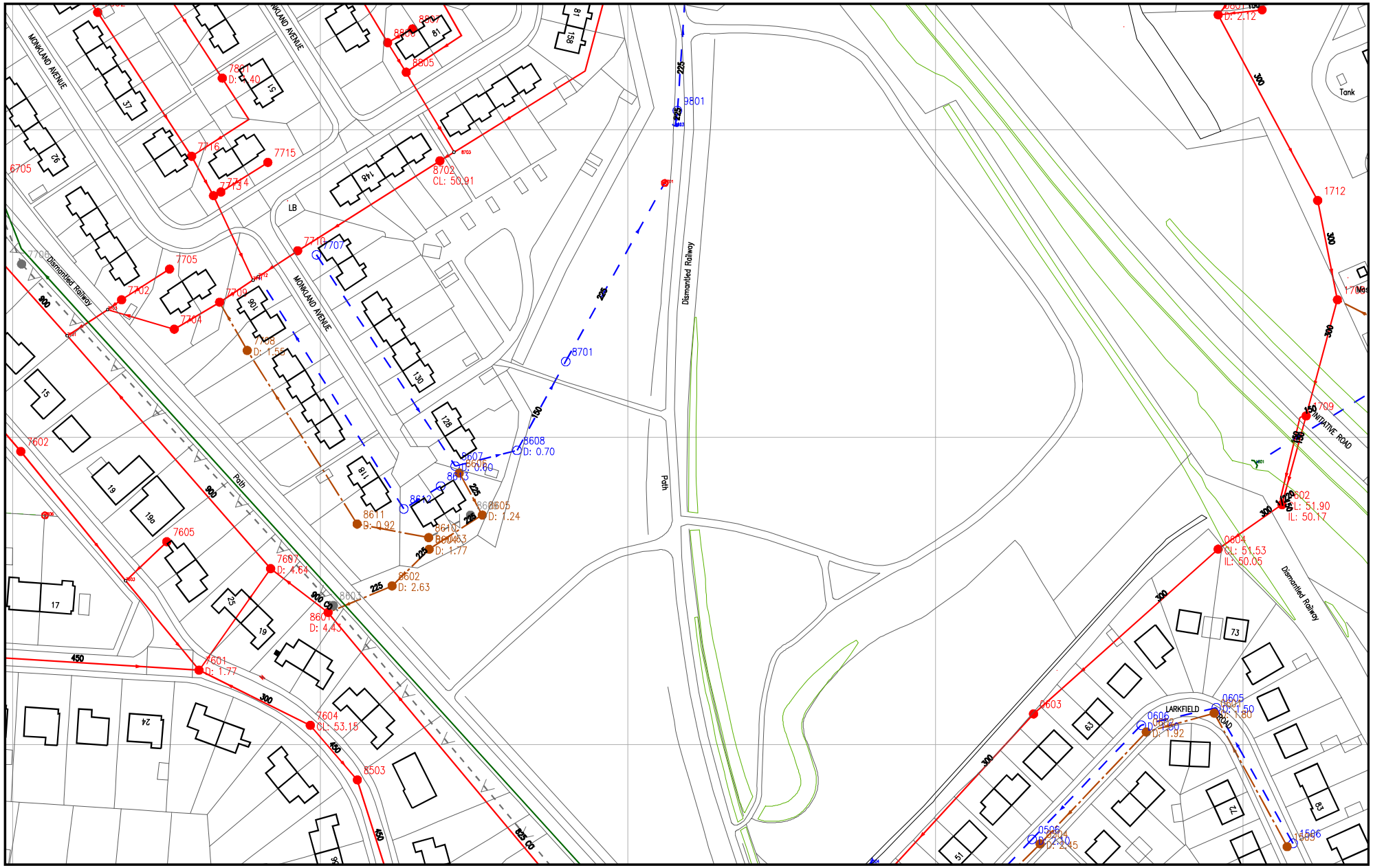
Fresh Water

0 — 118 metres

Scale: 1:1250

Plotted By: sinkc01

Scottish Water
Always serving Scotland
Castle House,
6 Castle Drive,
Dunfermline,
KY11 8GG
Tel No: 0845 601 8855



The representation of physical assets and the boundaries of areas in which Scottish Water and others have an interest does not necessarily imply their true positions. For further details contact the appropriate District Office.

Date Plotted: 18/07/2018

IMATATIVE ROAD, KIRKINTILLOCH

Waste Water

0 118 metres

Scale: 1:1250

Plotted By: sinkr01

Scottish Water
Always serving Scotland
Castle House,
6 Castle Drive,
Dunfermline,
KY11 8GG
Tel No: 0845 601 8855

Appendix 05

Invasive Plants Species Survey
(Kleerkut Ltd, August 2018)

KLEERKUT Ltd, Barncluith Business Centre, Townhead Street, Hamilton, ML3 7DP
T: 0141 319 8210 E: enquiries@kleerkut.co.uk
www.kleerkut.co.uk

Mason Evans
The Piazza
95 Morrison Street
Glasgow
G5 8BE

23rd August 2018

FAO: Scott Armstrong

Invasive Weeds Survey

Dear Sir,

S2576 Parkview Court, Kirkintilloch, G66 3DE

Thank you for your recent enquiry in relation to invasive/legislated weeds. The development area above has been inspected and we are pleased to provide the following report in regard to our findings and recommendations.

Site Description

The survey area is located to the south east of Kirkintilloch, East Dunbartonshire. The development comprises a public park with two areas of maintained grassland split by a footpath lined with trees and shrubs. There is an area of wetland both to the north which has been fenced off and to the south east which is opened. The Kirkintilloch bypass runs along the eastern and northern boundaries with residential and commercial properties to the south and west.

Survey Details

The survey was carried out on 16th August 2018 which is during the growing season. At this time of year controlled species encountered can be identified by the plant growth/vegetation visible at the time of our inspection.

Japanese Knotweed undergoing herbicide management can be more difficult to find and identify. Identification is still possible if plant crowns or sporadic/bonsai growth are present, however should the property owner/manager/developer be aware of any infestations of Japanese Knotweed within the property; including any infestations historically treated/eradicated and under guarantee, then this information should be disclosed to KleerKut prior to our inspection being carried out.

Our survey was non-intrusive and limited by any plant growth and residue visible at the time of the inspection. We would caveat our findings that there were areas of dense vegetation in the centre and south. There has been some historical herbicide treatment undertaken within the area. As the treatment may restrict the extent of visible Japanese Knotweed above ground, we would ask that if the owner or vendor is aware of any further infestations which are undergoing herbicide management that we are informed of this in order to review our report accordingly.

Survey Findings – Commonly Known Species Controlled By Legislation

The commonly known plants which we record during our inspections are the following:

- **Japanese Knotweed** *(Fallopia japonica)* **Confirmed**
- **Giant Hogweed** (*Heracleum mantegazzianum*) **No evidence**
- **Himalayan Balsam** *(Impatiens glandulifera)* **No evidence**

These plants are on Schedule 9 of the Wildlife & Countryside (Scotland) Act 1981. In Scotland Schedule 9 has been superseded by amendments brought in by the Wildlife and Natural Environment (Scotland) Act 2011 (WANE) where the legal presumption is now against causing the growth in the wild of any non-native species outwith their native range (exceptions and definitions apply to non-wild areas).

Japanese Knotweed (*Fallopia japonica*) **–** Japanese Knotweed was found amongst other shrubs to the south of HT4 and affected a visible area of approximately 25 metres by 5 metres. There were several mature dead crowns/canes present which indicated the infestation has been treated however the presence of new growth confirms that it is not complete; refer to the location plan and photographs in appendix.

There was no **Giant Hogweed** (*Heracleum mantegazzianum*) or **Himalayan Balsam** *(Impatiens glandulifera*) identified during this site inspection.

Survey Findings – Other Legislated Species

In addition to the commonly known plants noted above, there are other plants controlled under Schedule 9 of the Wildlife Countryside (Scotland) Act 1981 as amended by the Wildlife and Natural Environment (Scotland) Act 2011. Our reporting of these invasive plants is based on our opinion of the impact they will have on the proposed development and the risk that they will be spread as a result of the site works as the legislation controlling them make it an offence to grow or cause the growth of them.

The following controlled shrubs grow/regenerates from seeds and rhizomes and can easily be spread by site development or unmanaged vegetation clearance works:

Cotoneaster *(Cotoneaster* various*)* **–** Two Cotoneaster shrubs were located interspersed with HT2 to the east of the site and were growing up to 2 metres in height; refer to location plan and photographs in appendix.

There were no other legislated species of concern recorded during our inspection of the survey area.

Survey Findings – Problematic Non Legislated Species

In addition to the legislated plants recorded above, we also consider other non-legislated plants which could compromise / impact any development. While it is not an offence to have these plants on site there are reasons why the developer may want to consider management or treatment of them. One such plant is Horsetail.

Horsetail *(Equisetum arvense)* – Horsetail was identified within the survey area; refer to location plan and photographs.

HT1 – Sporadic to prolific Horsetail was found growing within common rushes to the north of the site and covered an area of approximately 5,250m^2.

HT2 – Extensive and prolific Horsetail affecting an area of approximately 10,000m^2, was identified to east of the site within the wooded area.

HT3 – To the east of HT4, Sporadic to prolific Horsetail was found in a woodland area and measured approximately 10 metres by 3 metres.

HT4 – Running along either side of a public footpath and measuring approximately 3,500m^2, sporadic to prolific Horsetail was noted growing amongst grass, scrubs and trees.

HT5 – Sporadic to prolific Horsetail was identified on the edge of maintained grass at the southern and western boundaries and affected an area of approximately 330 metres by 2 metres.

Why Manage Japanese Knotweed?

<u>*Mortgaging Difficulties / Low Valuations*</u> - Due to concern about the risk of property damage by Japanese Knotweed, some lenders reviewed their policies in relation to Japanese Knotweed which resulted in a number of loans being declined. RICS (Royal Institute of Chartered Surveyors) identified the need to provide guidance to both valuers and mortgage lenders when considering the effect Japanese Knotweed has on a property. The findings of this consultation have been released and best practice guidelines include the following:

- The need to use an experienced Japanese Knotweed Specialist
- Requirement for a Japanese Knotweed Management Plan
- The correct use of herbicides should be an acceptable solution, minimum 1 year treatment
- Robust transparent 5 year guarantees

KleerKut Ltd are experienced Japanese Knotweed Specialists who were involved in this RICS consultation process.

Structural Damage - Japanese Knotweed is a fast growing destructive plant that can grow through retaining walls, foundations and drainage pipes causing structural damage, blocked drains and flooding. Insurers are concerned about the damage that this plant can cause.

Legislation - Japanese Knotweed is controlled in Scotland under Schedule 9 of the Wildlife Countryside (Scotland) Act 1981 as amended by the Wildlife and Natural Environment (Scotland) Act 2011. This

legislation makes it an offence to grow or cause the growth of this plant which includes causing new growth by spread of plant material or contaminated soils.

Ease of Spread - Japanese Knotweed is vegetative, i.e. the plant regenerates by fragments of the plant and root re-growing into new plants. For this reason Japanese Knotweed located in well maintained properties is considered to have a high risk of spreading. Mechanical cutting of the plants by mowing or clipping can cause spread of Japanese Knotweed. Rhizome or root fragments can regenerate from pieces as small as 4mm. In well maintained properties transfer of rhizome can even occur from pulling weeds or digging over borders.

Other Reasons - Japanese Knotweed is a highly invasive non-native weed which can choke waterways, causing flooding and shade out our indigenous plants, having an adverse impact on our native ecology.

Why Manage Cotoneaster?

Damage To Infrastructure **-** In urban areas, this plant has the potential to cause damage to buildings and structures by rooting in crumbling mortar and cracks.

Legislation - Like Japanese Knotweed, this species is also controlled in Scotland under Schedule 9 of the Wildlife Countryside (Scotland) Act 1981 as amended by the Wildlife and Natural Environment (Scotland) Act 2011. This means that it is a criminal offence to encourage or cause the growth of this plant – this can include moving soils that contain the seeds of this plant. Soils containing the seeds or rhizomes (roots) of this species require to be managed under the current Waste Management Regulations.

Ecology - Cotoneaster is a persistent shrub which depending on species, can range in height from 1 - 3 metres in height. The dense growth of Cotoneaster quickly shades out our indigenous plants resulting in an adverse impact on our native ecology.

Ease of Spread – Cotoneaster spreads easily by seed dispersal and also regeneration of root fragments i.e. this species is also vegetative.

Why Manage Horsetail?

Damage To Infrastructure **-** Horsetail is an aggressive perennial weed which often causes damage to roads, footways, hardstandings and drainage.

Delays To Road Adoption – Local Authorities are aware of the potential damage to footpaths and roads from horsetail. There can be difficulty obtaining road adoptions where they are aware of its presence.

Ease of Spread – Horsetail is an aggressive perennial weed that spreads quickly and vigorously, reproducing through spores and root fragments.

Difficult To Manage – Horsetail roots are fragile and may extend up to 1.8 metres depth making it difficult to 'dig out'. Where the surface vegetation has been cut away root or rhizome remaining in the soils below may re-grow in the future. Horsetail is also resilient to many herbicides requiring specialist knowledge to eradicate it.

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KleerKut Recommendations

Commonly Known Species Controlled By Legislation - While we do not have the development proposals available, it is likely that the Japanese Knotweed infestations will impact the development proposals dependent upon proposed plot locations. The presence of Japanese Knotweed is likely to impact future house sales.

- As a developer, the main concerns which should be taken into consideration at this time are summarised below:
- Minimising the risk of delayed sales/low valuations to properties.
- Management of infested/controlled soils ensuring compliance with current legislation.
- Prevention of spread both across the uncontaminated areas of the site.
- Controlling the risk of re-infestation from neighbouring properties.
- Minimising impact on the environment.

In order to manage these risks, we would recommend that the developer/contractor agrees a suitable remediation/control strategy with a specialist contractor prior to commencing works on site.

We would recommend that an Invasive Weeds Management Plan is put in place as soon as possible in order to manage risk and reduce the possibility of spread. All works undertaken should ensure compliance with SEPA recommendations, current legislation and achieve Best Practice.

In the event that this location is not going to be developed in the near future, or disturbed by site works, a 4 year insitu herbicide treatment programme should be adequate to manage the known Japanese Knotweed. If this area is going to be developed or disturbed as part of the site development in the near future and timescales do not permit long term herbicide management, there are a number of other remediation options which may be considered. These include the following:

- Relocation of infested soils for accelerated herbicide treatment.
- Excavate and remove the infested soils from site to licensed waste facility.
- Encapsulation, which could be in an area of open space.
- Burial may be a possibility although it does require a deep excavation in excess of 5 metres and SEPA approval.

When the development timescales are known the most suitable remediation options can be costed and a quotation provided. It should be noted that often the best and most cost effective solution for a development comprises a combination of strategies. There is a risk of historical spread of Japanese Knotweed at the site and we would recommend that any remediation strategy includes an aftercare package which would comprise regular inspections and herbicide treatments as necessary.

In regards to the volume of viable infested soils, as the Japanese Knotweed has been undergoing herbicide management for a period of time the volume of viable material remaining is likely to have been reduced. It is not clear how effective this management has been in regards to the viability of remaining rhizomes or roots. For this reason it may be worth carrying out an intrusive investigation in order to determine the extent of the root/rhizome depth thereby obtaining a more accurate estimate of the volume of infested soils. This will allow a variety of solutions to be considered with more cost certainty for the client.

KleerKut can undertake this investigation, if this of interest to you please contact our office to obtain a cost to undertake these works.

The incorrect use of herbicides can cause Japanese Knotweed rhizome to become dormant only to re-grow in future years and poor management can also worsen the situation by causing spread of the infestation.

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To minimise the risk of future house sales being compromised or delayed it is important to use a Japanese Knotweed Specialist who will ensure that the remediation of Japanese Knotweed meets the current guidelines set by RICS (The Royal Institute of Chartered Surveyors). RICS require contractors to provide robust guarantees which can be supported by Insurance Backed Guarantees.

Other Legislated Weeds - While there was no Japanese Knotweed identified within the survey area, Cotoneaster shrubs were recorded which are controlled under the same legislation. We would recommend that the vegetation clearance is undertaken in a controlled manner at these locations to ensure that no further spread of these invasive shrubs result.

Should the client wish to use their own contractor to remove the vegetation, KleerKut could supervise the works, providing a site specific method of works which will ensure that no further spread of this invasive shrub results and that the vegetation clearance works are generally undertaken in accordance with current legislation.

Problematic Non Legislated Weeds - Horsetail was identified within this survey area. Although Horsetail is not controlled by legislation it is a highly invasive perennial weed that spreads quickly and vigorously, reproducing through spores and root fragments. As it often causes damage to roads and footways, we would recommend that some form of management/treatment is carried out to minimise the risk of future damage to roads, infrastructure and delay to road adoptions. For this reason, we would recommend that Horsetail is managed as part of the development works.

In general, for the controlled invasive species we would recommend that an Invasive Weeds Management Plan/Management Strategy is put in place as soon as possible to manage risk and reduce the possibility of spread. The right solution for each development will vary from site to site and it is important to only consider solutions proposed by experienced Invasive Weeds Specialists. All works undertaken should ensure compliance with SEPA recommendations, current legislation and achieve Best Practice.

KleerKut Accreditation

KleerKut are a non-franchised Scottish business who have specialised in the management of invasive weeds since 2006. We have built up an enviable reputation as specialists in Japanese Knotweed by providing clear, concise and proven remediation strategies which ensure that Best Practical Environmental Options (BPEO) are achieved as recommended in the Japanese Knotweed Code of Practice.

Our knowledge and experience have enabled us to become approved consultants and contractors with many of the leading consultants, developers and construction companies throughout the UK. This was further enhanced after we were invited to join the Property Care Association (PCA). By being members of the PCA our works are Government endorsed through their Trustmark scheme. We are also able to provide our clients with insurance backed guarantees and Bondpay schemes.

Our team has over 35 years of experience in civil & environmental engineering, law enforcement and the use of plant protection and eradication products. KleerKut are accredited members of Constructionline and SMAS Safe Systems in Procurement demonstrating our commitment to working safely in partnership with our clients and sub-contractors.

In General

The KleerKut remediation strategy will ensure that the best practice criteria set by RICS is achieved. All work will be carried out by suitably qualified personnel, wearing appropriate PPE and undertaken in accordance with current SEPA guidelines and regulations. Site-specific method statements and risk assessments will be provided for all activities undertaken on site.

Thank you for your enquiry and should you have any further queries in relation to this site or any other site, please do not hesitate to contact me at this office.

Yours faithfully

Julie McLean
For KleerKut Ltd

KLEERKUT Ltd, Barncluith Business Centre, Townhead Street, Hamilton, ML3 7DP
T: 0141 319 8210 E: enquiries@kleerkut.co.uk
www.kleerkut.co.uk

SURVEY PHOTOGRAPHS

Photo 1

JK1- Treated Japanese Knotweed.

Photo 2

CT1 - Cotoneaster to the east of the site.

Photo 3

HT1 – Sporadic to prolific Horsetail to the north.

Photo 4

HT2 – Prolific Horsetail along the eastern boundary.

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SURVEY PHOTOGRAPHS

Photo 1

HT3 - Sporadic to prolific Horsetail in woodland.

Photo 2

HT4 – Sporadic to prolific Horsetail at footpath.

Photo 3

HT5 – Sporadic to prolific Horsetail along edge of maintained grassland.

Photo 4

General Overview.

Notes

- Boundary – Black or White
- Japanese Knotweed
- Horsetail
- Cotoneaster

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Barncluith Business Centre
Townhead Street
Hamilton, ML3 7DP

0141 319 8210
info@Kleerkut.co.uk

Client: Mason Evans Partnership

Job: S2576 Parkview Court, Kirkintilloch G66 3DE

Title: Boundary Plan

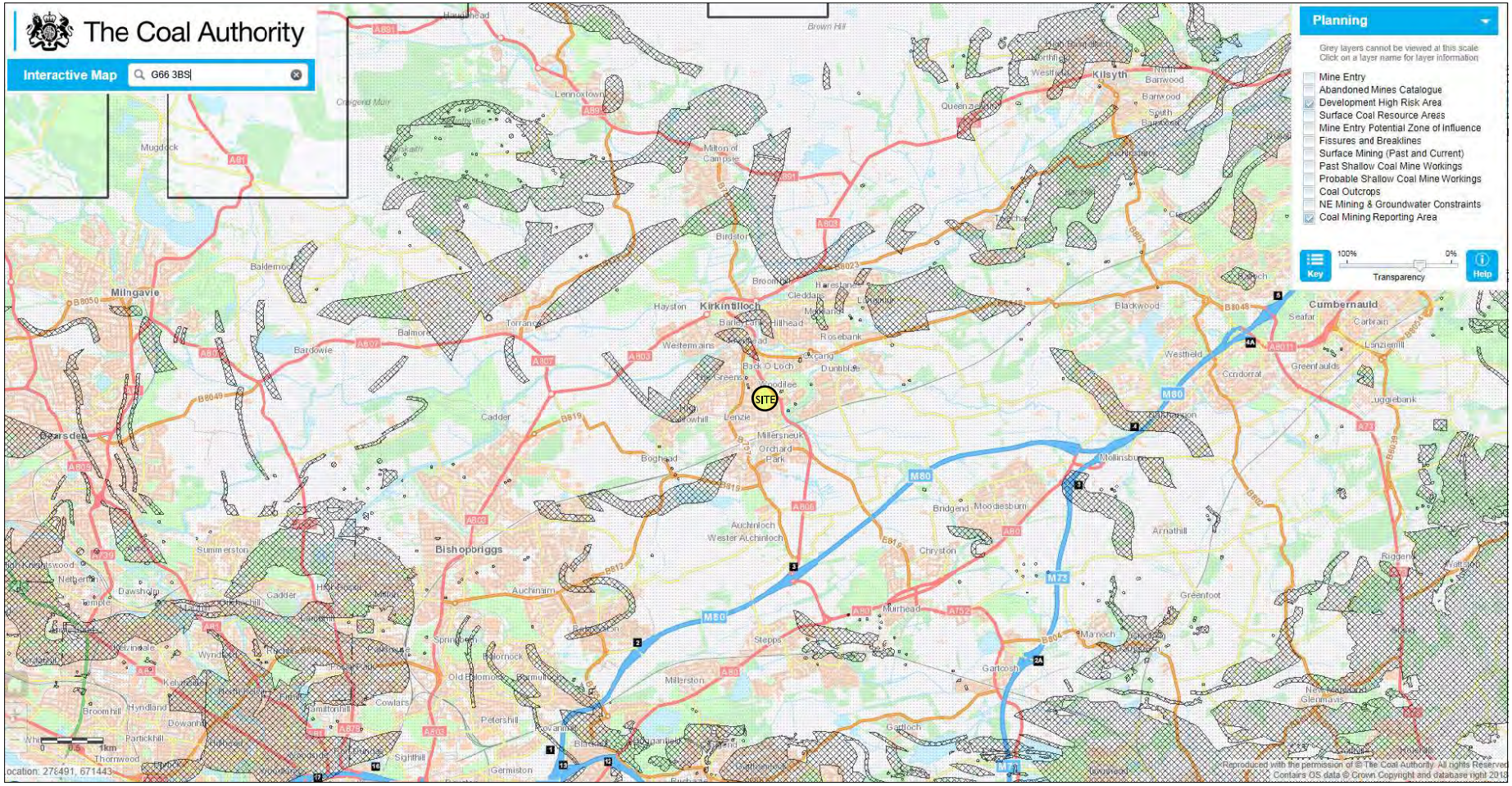
Date:	Revision:	F.A.O:
23/08/2018		Scott Armstrong

Appendix 06

Coal Authority Interactive Viewer

Coal Authority Report

(dated 13th August 2018, Ref: 51001897761001)



The site is not located in a 'Development High Risk Area' as defined by the Coal Authority: "part of the coal mining reporting area which contains one or more recorded coal mining related features which have the potential for instability or a degree of risk to the surface from the legacy of coal mining operations."

The Coal Authority

Resolving the impacts of mining

CON29M Non-Residential Mining Report

WHITEGATES
INITIATIVE ROAD
KIRKINTILLOCH
GLASGOW (CITY)

Date of enquiry:	13 August 2018
Date enquiry received:	13 August 2018
Issue date:	13 August 2018
Our reference:	51001897761001
Your reference:	176567006_1 |

CON29M Non-Residential Mining Report

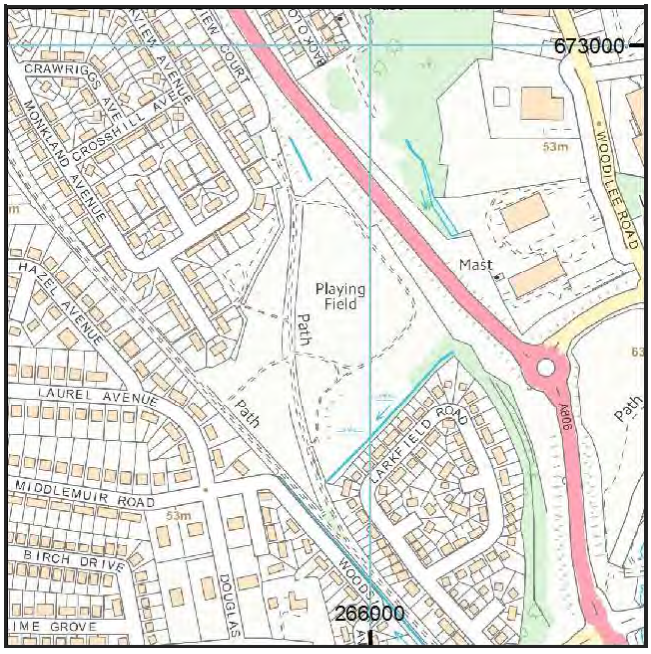
This report is based on, and limited to, the records held by the Coal Authority, at the time we answer the search.

Client name

LANDMARK INFORMATION GROUP LIMITED

Enquiry address

WHITEGATES, INITIATIVE ROAD, KIRKINTILLOCH, GLASGOW (CITY)



Approximate position of property

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How to contact us

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+44 (0)1623 637 000 (International)

200 Lichfield Lane
Mansfield
Nottinghamshire
NG18 4RG

www.groundstability.com

/company/the-coal-authority
/thecoalauthority
/coalauthority

Summary

Has the search report highlighted evidence or potential of		
1	Past underground coal mining	Yes
2	Present underground coal mining	No
3	Future underground coal mining	Yes
4	Mine entries	No
5	Coal mining geology	No
6	Past opencast coal mining	No
7	Present opencast coal mining	No
8	Future opencast coal mining	No
9	Coal mining subsidence	No
10	Mine gas	No
11	Hazards related to coal mining	No
12	Withdrawal of support	No
13	Working facilities order	No
14	Payments to owners of former copyhold land	No

For detailed findings, please go to page 4.

Detailed findings

1. Past underground coal mining

The property is in a surface area that could be affected by underground mining in 3 seams of coal at 150m to 330m depth, and last worked in 1929.

Any movement in the ground due to coal mining activity should have stopped.

The property is in a surface area that could be affected by underground mining in 1 seam of ironstone at 280m depth, and last worked in 1919.

2. Present underground coal mining

The property is not within a surface area that could be affected by present underground mining.

3. Future underground coal mining

The property is not in an area where the Coal Authority has plans to grant a licence to remove coal using underground methods.

The property is not in an area where a licence has been granted to remove or otherwise work coal using underground methods.

The property is not in an area likely to be affected from any planned future underground coal mining.

However, reserves of coal exist in the local area which could be worked at some time in the future.

No notices have been given, under section 46 of the Coal Mining Subsidence Act 1991, stating that the land is at risk of subsidence.

4. Mine entries

There are no known coal mine entries within, or within 20 metres of, the boundary of the property.

5. Coal mining geology

The Coal Authority is not aware of any damage due to geological faults or other lines of weakness that have been affected by coal mining.

6. Past opencast coal mining
The property is not within the boundary of an opencast site from which coal has been removed by opencast methods.

7. Present opencast coal mining
The property does not lie within 200 metres of the boundary of an opencast site from which coal is being removed by opencast methods.

8. Future opencast coal mining
There are no licence requests outstanding to remove coal by opencast methods within 800 metres of the boundary.

The property is not within 800 metres of the boundary of an opencast site for which a licence to remove coal by opencast methods has been granted.

9. Coal mining subsidence
The Coal Authority has not received a damage notice or claim for the subject property, or any property within 50 metres of the enquiry boundary, since 31st October 1994.

There is no current Stop Notice delaying the start of remedial works or repairs to the property.

The Coal Authority is not aware of any request having been made to carry out preventive works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991.

10. Mine gas
The Coal Authority has no record of a mine gas emission requiring action.

11. Hazards related to coal mining
The property has not been subject to remedial works, by or on behalf of the Authority, under its Emergency Surface Hazard Call Out procedures.

12. Withdrawal of support
The property is not in an area where a notice to withdraw support has been given.

The property is not in an area where a notice has been given under section 41 of the Coal Industry Act 1994, cancelling the entitlement to withdraw support.

13. Working facilities order
The property is not in an area where an order has been made, under the provisions of the Mines (Working Facilities and Support) Acts 1923 and 1966 or any statutory modification or amendment thereof.

14. Payments to owners of former copyhold land

The property is not in an area where a relevant notice has been published under the Coal Industry Act 1975/Coal Industry Act 1994.

Additional remarks

Information provided by the Coal Authority in this report is compiled in response to the Law Society's Con29M Coal Mining enquiries. The said enquiries are protected by copyright owned by the Law Society of 113 Chancery Lane, London WC2A 1PL. This report is prepared in accordance with the Law Society's Guidance Notes 2006, the User Guide 2006 and the Coal Authority's Terms and Conditions applicable at the time the report was produced.

Disclaimer

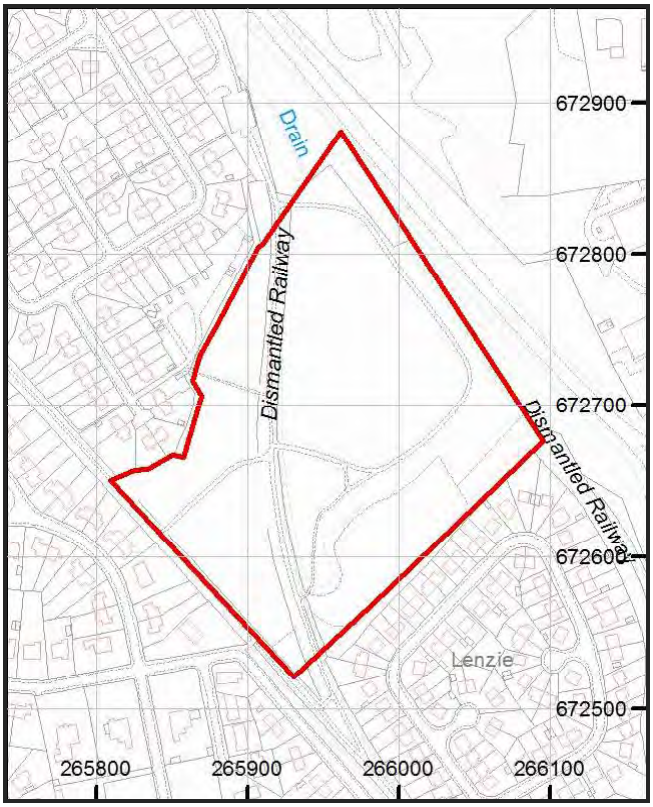
Alternative formats

If you would like this report in an alternative format, please contact our communications team.

Enquiry boundary

Key

Approximate position of enquiry boundary shown



How to contact us

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/thecoalauthority
/coalauthority

Appendix 07

Trial Pit Logs

(Mason Evans Partnership, July 2018)

MASON EVANS
Geo-Environmental Consultants
t: 0141 420 2025 e: masonevans.co.uk
The Piazza, 95 Morrison Street, Glasgow, G5 8BE

Site: Initiative Road, Kirkintiloch		Trial Pit No: **TP01**
Client: BakerHicks Ltd		Job No: P18/259
Excavation Method: JCB 3CX	Trial Pit Dimensions: 2.0m x 0.6m x 3m	Ground Level:	Date: 24-07-18 24-07-18	Sheet: 1 of 1
Contractor: J.D. Lamont		

Depth	Sample/Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	DESCRIPTION	Legend
					(0.30) 0.30	Grass over light brown gravelly sand. Gravel is angular fine to medium sandstone. Extraneous material includes glass fragments and ceramic fragments.	
0.40	TJES0.4				(0.70) 1.00	Made Ground: Dark grey clayey gravelly blaes sand. Gravel is angular fine to coarse sandstone . Extraneous material includes concrete blocks, metal wires, glass fragments and ceramic fragments	
1.50	TJES1.5				(1.00) 2.00	Made Ground: Dark grey sludge consisting of clayey gravelly blaes sand. Gravel is angular fine to coarse sandstone . Extraneous material includes concrete blocks, metal wires, glass fragments, ceramic fragments and glass bottles.	
2.50	TJES2.5				(1.00) 3.00	Dark brown organic PEAT with rootlets.	

Remarks

1. Strength and density characteristics assessed by visual inspection by the on site engineer only.
2. Pit was terminated at 3.0 m due to plant reach.
3. Pit had rapid water ingress at 1.5 m.

Plan

All dimensions in metres
Scale 1:26.25

Logged By
VS

MASON EVANS
Geo-Environmental Consultants
t: 0141 420 2025 e: masonevans.co.uk
The Piazza, 95 Morrison Street, Glasgow, G5 8BE

Site: Initiative Road, Kirkintiloch		Trial Pit No: **TP02**
Client: BakerHicks Ltd		Job No: P18/259
Excavation Method: JCB 3CX	Trial Pit Dimensions: 2.0m x 0.6m x 3m	Ground Level: Date: 24-07-18 24-07-18	Sheet: 1 of 1
Contractor: J.D. Lamont		

Depth	Sample/Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	DESCRIPTION	Legend
0.20	TJES0.2				(0.40) 0.40	Grass over light brown gravelly sand. Gravel is angular fine to coarse sandstone.	
					(1.50) 1.90	Made Ground: Dark grey clayey sandy angular fine to coarse sandstone and blaes gravel. Extraneous material includes glass bottles, metal teapots, glass jars, material, glass fragments and ceramic fragments.	
1.80	TJES1.8				(0.20) 2.10	Made Ground: Dark grey very sludgey clayey sandy angular fine to coarse sandstone and blaes gravel. Extraneous material includes glass bottles, metal teapots, glass jars, material, glass fragments and ceramic fragments.	
2.70	TJES2.7				(0.90) 3.00	Dark brown organic PEAT with rootlets.	

Remarks

1. Strength and density characteristics assessed by visual inspection by the on site engineer only.
2. Pit was terminated at 3.0 m due to plant reach.
3. Pit had rapid water ingress at 1.9 m.

Plan

All dimensions in metres	Logged By
Scale 1:26.25	VS

MASON EVANS Geo-Environmental Consultants t: 0141 420 2025 e: masonevans.co.uk The Piazza, 95 Morrison Street, Glasgow, G5 8BE	Site: Initiative Road, Kirkintiloch		Trial Pit No: **TP03**
	Client: BakerHicks Ltd		Job No: P18/259
Excavation Method: JCB 3CX	Trial Pit Dimensions: 2.0m x 0.6m x 3m	Ground Level:	Date: 24-07-18 24-07-18
Contractor: J.D. Lamont			Sheet: 1 of 1

Depth	Sample/Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	DESCRIPTION	Legend
					(0.40) 0.40	Grass over light brown gravelly sand. Gravel is angular fine to coarse sandstone.	
0.30	TJES0.3						
					(1.10) 1.50	Made ground: Dark grey ashy clayey clayey gravelly sand. Gravel is angular fine to coarse sandstone. Extraneous material includes concrete blocks, metal wires, glass bottles and jars and ceramic fragments.	
1.00	TJES1.0						
1.60	TJES1.6				(0.30) 1.80	Made Ground: Orangish brown re-worked clay.	
					(1.20) 3.00	Made Ground: Clayey dark grey angular fine to coarse sandstone and blaes gravel. Extraneous material includes glass bottles, ceramic fragments and metal fragments.	
2.80	TJES2.8						

Remarks

1. Strength and density characteristics assessed by visual inspection by the on site engineer only.
2. Pit was terminated at 3.0 m due to plant reach.
3. Pit had rapid water ingress at 2.1 m.

Plan

All dimensions in metres: Scale 1:26.25

Logged By: VS

MASON EVANS Geo-Environmental Consultants t: 0141 420 2025 e: masonevans.co.uk The Piazza, 95 Morrison Street, Glasgow, G5 8BE	Site Initiative Road, Kirkintiloch	Trial Pit No **TP04**
	Client BakerHicks Ltd	Job No P18/259

Excavation Method	Trial Pit Dimensions	Ground Level	Date	Sheet
JCB 3CX	2.0m x 0.6m x 3m		24-07-18 24-07-18	1 of 1

Contractor: J.D. Lamont

Depth	Sample/Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	DESCRIPTION	Legend
					(0.70) 0.70	Grass over light brown gravely sand. Gravel is angular fine to coarse sandstone.	
0.60	TJES0.6						
					(0.80) 1.50	Made Ground: Dark grey clayey sandy angualr fine to coarse sandstone and blaes gravel. Extraneous material includes glass bottles, ceramic fragments and tarpaulin sheets.	
1.10	TJES1.1						
					(1.30) 2.80	Made Ground: Dark grey very sludgey clayey sandy angualr fine to coarse sandstone and blaes gravel. Extraneous material includes glass bottles, ceramic fragments and tarpaulin sheets.	
2.40	TJES2.4						
2.90	TJES2.9				(0.20) 3.00	Dark brown organic PEAT with rootlets.	

Remarks

1. Strength and density characteristics assessed by visual inspection by the on site engineer only.
2. Pit was terminated at 3.0 m .
3. Pit had rapid water ingress at 1.5 m.

Plan

All dimensions in metres	Logged By
Scale 1:26.25	VS

MASON EVANS Geo-Environmental Consultants t: 0141 420 2025 e: masonevans.co.uk The Piazza, 95 Morrison Street, Glasgow, G5 8BE	Site: Initiative Road, Kirkintiloch	Trial Pit No: **TP05**
	Client: BakerHicks Ltd	Job No: P18/259

Excavation Method	Trial Pit Dimensions	Ground Level	Date	Sheet
JCB 3CX	2.0m x 0.6m x 3m		24-07-18 24-07-18	1 of 1

Contractor: J.D. Lamont

Depth	Sample/Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	DESCRIPTION	Legend
					(0.50) 0.50	Grass over light brown gravely sand. Gravel is angular fine to coarse sandstone.	
0.80	TJES0.8				(0.70) 1.20	Made Ground: Dark grey clayey sandy angular fine to coarse sandstone and blaes gravel. Extraneous material includes glass bottles, ceramic fragments and tarpaulin sheets.	
1.70	TJES1.7				(1.00) 2.20	Made Ground: Dark grey very sludgey clayey sandy angular fine to coarse sandstone and blaes gravel. Extraneous material includes glass bottles, ceramic fragments and tarpaulin sheets.	
2.50	TJES2.5				(0.80) 3.00	Dark brown PEAT.	

Remarks

1. Strength and density characteristics assessed by visual inspection by the on site engineer only.
2. Pit was terminated at 3.0 m.
3. Pit had rapid water ingress at 1.5 m.

Plan

All dimensions in metres
Scale 1:26.25

Logged By
VS

MASON EVANS Geo-Environmental Consultants t: 0141 420 2025 e: masonevans.co.uk The Piazza, 95 Morrison Street, Glasgow, G5 8BE	Site: Initiative Road, Kirkintiloch	Trial Pit No: **TP06**
	Client: BakerHicks Ltd	Job No: P18/259

Excavation Method	Trial Pit Dimensions	Ground Level	Date	Sheet
JCB 3CX	2.0m x 0.6m x 3m		24-07-18 24-07-18	1 of 1

Contractor: J.D. Lamont

Depth	Sample/Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	DESCRIPTION	Legend
0.20	TJES0.2				(0.70) 0.70	Grass over light brown gravely sand. Gravel is angular fine to coarse sandstone.	
1.20	TJES1.2				(1.50) 2.20	Made Ground: Dark grey very sludgey clayey sandy angular fine to coarse sandstone and blaes gravel. Extraneous material includes glass bottles, ceramic fragments and tarpaulin sheets.	
2.60	TJES2.6				(0.80) 3.00	Dark brown PEAT.	

Remarks

1. Strength and density characteristics assessed by visual inspection by the on site engineer only.
2. Pit was terminated at 3.0 m.
3. Pit had rapid water ingress at 1.7 m.

Plan

All dimensions in metres
Scale 1:26.25

Logged By
VS

MASON EVANS Geo-Environmental Consultants t: 0141 420 2025 e: masonevans.co.uk The Piazza, 95 Morrison Street, Glasgow, G5 8BE	Site Initiative Road, Kirkintiloch	Trial Pit No **TP07**
	Client BakerHicks Ltd	Job No P18/259

Excavation Method	Trial Pit Dimensions	Ground Level	Date	Sheet
JCB 3CX	2.0m x 0.6m x 3m		24-07-18 24-07-18	1 of 1

Contractor: J.D. Lamont

Depth	Sample/Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	DESCRIPTION	Legend
0.40	TJES0.4				(0.70) 0.70	Grass over light brown gravely sand. Gravel is angular fine to coarse sandstone.	
1.40	TJES1.4				(1.40) 2.10	Made Ground: Dark grey very sludgey clayey sandy angular fine to coarse sandstone and blaes gravel. Extraneous material includes glass bottles, ceramic fragments and tarpaulin sheets.	
2.40	TJES2.4				(0.90) 3.00	Dark brown PEAT.	

Remarks

1. Strength and density characteristics assessed by visual inspection by the on site engineer only.
2. Pit was terminated at 3.0 m.
3. Pit had rapid water ingress at 1.6 m.

Plan

All dimensions in metres	Logged By
Scale 1:26.25	VS

MASON EVANS Geo-Environmental Consultants t: 0141 420 2025 e: masonevans.co.uk The Piazza, 95 Morrison Street, Glasgow, G5 8BE	Site: Initiative Road, Kirkintiloch	Trial Pit No: **TP08**
	Client: BakerHicks Ltd	Job No: P18/259

Excavation Method	Trial Pit Dimensions	Ground Level	Date	Sheet
JCB 3CX	2.0m x 0.6m x 3.1m		24-07-18 24-07-18	1 of 1

Contractor: J.D. Lamont

Depth	Sample/Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	DESCRIPTION	Legend
0.40	TJES0.4				(0.80) 0.80	Grass over light brown gravely sand. Gravel is angular fine to coarse sandstone.	
1.60	TJES1.6				(1.50) 2.30	Made Ground: Dark grey very sludgey clayey sandy angular fine to coarse sandstone and blaes gravel. Extraneous material includes glass bottles, ceramic fragments and tarpaulin sheets.	
2.60	TJES2.6				(0.80) 3.10	Dark brown PEAT.	

Remarks

1. Strength and density characteristics assessed by visual inspection by the on site engineer only.
2. Pit was terminated at 3.1 m.
3. Pit had rapid water ingress at 1.8 m.

Plan

All dimensions in metres	Logged By
Scale 1:26.25	VS

MASON EVANS Geo-Environmental Consultants t: 0141 420 2025 e: masonevans.co.uk The Piazza, 95 Morrison Street, Glasgow, G5 8BE	Site: Initiative Road, Kirkintiloch	Trial Pit No: **TP09**
	Client: BakerHicks Ltd	Job No: P18/259

Excavation Method	Trial Pit Dimensions	Ground Level	Date	Sheet
JCB 3CX	2.0m x 0.6m x 2.6m		25-07-18 25-07-18	1 of 1

Contractor: J.D. Lamont

Depth	Sample/Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	DESCRIPTION	Legend
0.20	TJES0.2				(0.50) 0.50	Grass over light brown gravely sand. Gravel is angular fine to coarse sandstone.	
0.70	TJES0.7				(1.00) 1.50	Made Ground: Dark grey clayey sandy angular fine to coarse sandstone and blaes gravel. Extraneous material includes glass bottles, ceramic fragments and tarpaulin sheets.	
					(0.80) 2.30	Made Ground: Dark grey very sludgey clayey sandy angular fine to coarse sandstone and blaes gravel. Extraneous material includes glass bottles, ceramic fragments and tarpaulin sheets.	
2.40	TJES2.4				(0.30) 2.60	Dark brown PEAT.	

Remarks

1. Strength and density characteristics assessed by visual inspection by the on site engineer only.
2. Pit was terminated at 2.6 m.
3. Pit had rapid water ingress at 1.5 m.

Plan

All dimensions in metres	Logged By
Scale 1:26.25	VS

MASON EVANS Geo-Environmental Consultants t: 0141 420 2025 e: masonevans.co.uk The Piazza, 95 Morrison Street, Glasgow, G5 8BE	Site Initiative Road, Kirkintiloch	Trial Pit No **TP10**
	Client BakerHicks Ltd	Job No P18/259

Excavation Method	Trial Pit Dimensions	Ground Level	Date	Sheet
JCB 3CX	2.0m x 0.6m x 2.3m		25-07-18 25-07-18	1 of 1

Contractor: J.D. Lamont

Depth	Sample/Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	DESCRIPTION	Legend
					(0.40) 0.40	Grass over light brown gravely sand. Gravel is angular fine to coarse sandstone.	
0.80	TJES0.8				(1.10) 1.50	Made Ground: Dark grey clayey sandy angular fine to coarse sandstone and blaes gravel. Extraneous material includes glass bottles, ceramic fragments and tarpaulin sheets.	
1.80	TJES1.8				(0.80) 2.30	Made Ground: Dark grey very sludgey clayey sandy angular fine to coarse sandstone and blaes gravel. Extraneous material includes glass bottles, ceramic fragments and tarpaulin sheets.	

Remarks

1. Strength and density characteristics assessed by visual inspection by the on site engineer only.
2. Pit was terminated at 2.3 m.
3. Pit had rapid water ingress at 1.5 m.

Plan

All dimensions in metres	Logged By
Scale 1:26.25	VS

MASON EVANS
Geo-Environmental Consultants
t: 0141 420 2025 e: masonevans.co.uk
The Piazza, 95 Morrison Street, Glasgow, G5 8BE

Site: Initiative Road, Kirkintiloch		Trial Pit No: **TP11**
Client: BakerHicks Ltd		Job No: P18/259
Excavation Method: JCB 3CX	Trial Pit Dimensions: 2.0m x 0.6m x 1.9m	Ground Level:	Date: 25-07-18 25-07-18	Sheet: 1 of 1
Contractor: J.D. Lamont		

Depth	Sample/Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	DESCRIPTION	Legend
0.10	TJES0.1				(0.20) 0.20	Grass over light brown gravely sand. Gravel is angular fine to coarse sandstone.	
0.50	TJES0.5				(1.60) 1.80	Made Ground: Dark grey clayey sandy angular fine to coarse sandstone and blaes gravel. Extraneous material includes glass bottles, ceramic fragments and tarpaulin sheets.	
1.90	TJES1.9				1.90	Made Ground: Dark grey very sludgey clayey sandy angular fine to coarse sandstone and blaes gravel. Extraneous material includes glass bottles, ceramic fragments and tarpaulin sheets.	

Remarks

1. Strength and density characteristics assessed by visual inspection by the on site engineer only.
2. Pit was terminated at 1.9 m.
3. Pit had rapid water ingress at 1.8 m.

Plan

All dimensions in metres
Scale 1:26.25

Logged By
VS

MASON EVANS Geo-Environmental Consultants t: 0141 420 2025 e: masonevans.co.uk The Piazza, 95 Morrison Street, Glasgow, G5 8BE	Site: Initiative Road, Kirkintiloch	Trial Pit No: **TP12**
	Client: BakerHicks Ltd	Job No: P18/259

Excavation Method	Trial Pit Dimensions	Ground Level	Date	Sheet
JCB 3CX	2.0m x 0.6m x 1.9m		25-07-18 25-07-18	1 of 1

Contractor: J.D. Lamont

Depth	Sample/Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	DESCRIPTION	Legend
					0.10	Grass over light brown gravely sand. Gravel is angular fine to coarse sandstone.	
0.30	TJES0.3				(0.40)	Made Ground: Dark grey sandy gravelly clay. Extraneous material includes bricks and glass fragments and ceramic fragments.	
					0.50		
1.00	TJES1.0				(1.30)	Made Ground: Dark grey clayey gravelly sand. Extraneous material includes bricks, glass fragments, plastic fragments, metal fragments and glass bottles.	
					1.80		
					1.90	Made Ground: Dark grey sludgey clayey gravelly sand. Extraneous material includes bricks, glass fragments, plastic fragments, metal fragments and glass bottles.	

Remarks

1. Strength and density characteristics assessed by visual inspection by the on site engineer only.
2. Pit was terminated at 1.9 m.
3. Pit had rapid water ingress at 1.9 m.

Plan

All dimensions in metres
Scale 1:26.25

Logged By
VS

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Geo-Environmental Consultants
t: 0141 420 2025 e: masonevans.co.uk
The Piazza, 95 Morrison Street, Glasgow, G5 8BE

Site: Initiative Road, Kirkintiloch		Trial Pit No: **TP13**
Client: BakerHicks Ltd		Job No: P18/259
Excavation Method: JCB 3CX	Trial Pit Dimensions: 2.0m x 0.6m x 1.7m	Ground Level:	Date: 25-07-18 25-07-18	Sheet: 1 of 1
Contractor: J.D. Lamont		

Depth	Sample/Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	DESCRIPTION	Legend
					0.05	Grass over light brown gravely sand. Gravel is angular fine to coarse sandstone.	
0.40	TJES0.4				(1.55)	Made Ground: Dark grey clayey gravelly sand. Extraneous material includes bricks, glass fragments, plastic fragments, metal fragments and glass bottles.	
					1.60		
1.70	TJES1.7				1.70	Made Ground: Dark grey sludgey clayey gravelly sand. Extraneous material includes bricks, glass fragments, plastic fragments, metal fragments and glass bottles	

Remarks

1. Strength and density characteristics assessed by visual inspection by the on site engineer only.
2. Pit was terminated at 1.7 m due to water table.
3. Pit had rapid water ingress at 1.6 m.

Plan

All dimensions in metres
Scale 1:26.25

Logged By
VS

MASON EVANS
Geo-Environmental Consultants
t: 0141 420 2025 e: masonevans.co.uk
The Piazza, 95 Morrison Street, Glasgow, G5 8BE

Site: Initiative Road, Kirkintiloch		Trial Pit No: **TP14**
Client: BakerHicks Ltd		Job No: P18/259
Excavation Method: JCB 3CX	Trial Pit Dimensions: 2.0m x 0.6m x 4.1m	Ground Level: Date: 25-07-18 25-07-18	Sheet: 1 of 1
Contractor: J.D. Lamont		

Depth	Sample/Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	DESCRIPTION	Legend
0.10	TJES0.1				(0.30) 0.30	Grass over light brown gravely sand. Gravel is angular fine to coarse sandstone.	
0.50	TJES0.5				(1.50) 1.80	Made Ground: Dark grey clayey gravelly sand. Extraneous material includes bricks, glass fragments, plastic fragments, metal fragments and glass bottles.	
					(0.60) 2.40	Made Ground: Dark grey sludgey clayey gravelly sand. Extraneous material includes bricks, glass fragments, plastic fragments, metal fragments and glass bottles	
2.70	TJES2.7				(1.10) 3.50	Dark brown PEAT.	
3.80	TJES3.8				(0.60) 4.10	Grey silty CLAY.	

Remarks

1. Strength and density characteristics assessed by visual inspection by the on site engineer only.
2. Pit was terminated at 4.1 m.
3. Pit had rapid water ingress at 1.8 m.

Plan

All dimensions in metres
Scale 1:26.25

Logged By
VS

MASON EVANS Geo-Environmental Consultants t: 0141 420 2025 e: masonevans.co.uk The Piazza, 95 Morrison Street, Glasgow, G5 8BE	Site: Initiative Road, Kirkintiloch	Trial Pit No: **TP15**
	Client: BakerHicks Ltd	Job No: P18/259

Excavation Method	Trial Pit Dimensions	Ground Level	Date	Sheet
JCB 3CX	2.0m x 0.6m x 2.8m		25-07-18 25-07-18	1 of 1

Contractor: J.D. Lamont

Depth	Sample/Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	DESCRIPTION	Legend
					(0.20) 0.20	Grass over light brown gravely sand. Gravel is angular fine to coarse sandstone.	
0.70	TJES0.7				(1.60)	Made Ground: Dark grey clayey gravelly sand. Extraneous material includes bricks, glass fragments, plastic fragments, metal fragments and glass bottles.	
1.50	TJES1.5				1.80		
					(0.60) 2.40	Made Ground: Dark grey sludgey clayey gravelly sand. Extraneous material includes bricks, glass fragments, plastic fragments, metal fragments and glass bottles	
2.60	TJES2.6				(0.40) 2.80	Dark brown PEAT.	

Remarks

1. Strength and density characteristics assessed by visual inspection by the on site engineer only.
2. Pit was terminated at 2.8 m.
3. Pit had rapid water ingress at 1.8 m.

Plan

All dimensions in metres
Scale 1:26.25

Logged By
VS

MASON EVANS
Geo-Environmental Consultants
t: 0141 420 2025 e: masonevans.co.uk
The Piazza, 95 Morrison Street, Glasgow, G5 8BE

	Site: Initiative Road, Kirkintiloch		Trial Pit No: **TP16**
	Client: BakerHicks Ltd		Job No: P18/259
Excavation Method: JCB 3CX	Trial Pit Dimensions: 2.0m x 0.6m x 1.9m	Ground Level:	Date: 25-07-18 25-07-18
			Sheet: 1 of 1
Contractor: J.D. Lamont			

Depth	Sample/Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	DESCRIPTION	Legend
					(0.40) 0.40	Grass over light brown gravely sand. Gravel is angular fine to coarse sandstone.	
0.80	TJES0.8				(1.30) 1.70	Made Ground: Dark grey clayey gravelly sand. Extraneous material includes bricks, glass fragments, plastic fragments, metal fragments and glass bottles.	
1.80	TJES1.8				(0.20) 1.90	Made Ground: Dark grey sludgey clayey gravelly sand. Extraneous material includes bricks, glass fragments, plastic fragments, metal fragments and glass bottles	

Remarks

1. Strength and density characteristics assessed by visual inspection by the on site engineer only.
2. Pit was terminated at 1.9 m.
3. Pit had rapid water ingress at 1.7 m.

Plan

All dimensions in metres	Logged By
Scale 1:26.25	VS

MASON EVANS Geo-Environmental Consultants t: 0141 420 2025 e: masonevans.co.uk The Piazza, 95 Morrison Street, Glasgow, G5 8BE	Site Initiative Road, Kirkintiloch	Trial Pit No **TP17**
	Client BakerHicks Ltd	Job No P18/259

Excavation Method	Trial Pit Dimensions	Ground Level	Date	Sheet
JCB 3CX	2.0m x 0.6m x 1.7m		25-07-18 25-07-18	1 of 1

Contractor: J.D. Lamont

Depth	Sample/Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	DESCRIPTION	Legend
					(0.40)	Grass over light brown gravely sand. Gravel is angular fine to coarse sandstone.	
0.30	TJES0.3				0.40		
0.50	TJES0.5				(1.20)	Made Ground: Dark grey clayey gravelly sand. Extraneous material includes bricks, glass fragments, plastic fragments, metal fragments and glass bottles.	
					1.60		
1.70	TJES1.7				1.70	Made Ground: Dark grey sludgey clayey gravelly sand. Extraneous material includes bricks, glass fragments, plastic fragments, metal fragments and glass bottles	

Remarks

1. Strength and density characteristics assessed by visual inspection by the on site engineer only.
2. Pit was terminated at 1.7 m.
3. Pit had rapid water ingress at 1.6 m.

Plan

All dimensions in metres	Logged By
Scale 1:26.25	VS

MASON EVANS
Geo-Environmental Consultants
t: 0141 420 2025 e: masonevans.co.uk
The Piazza, 95 Morrison Street, Glasgow, G5 8BE

Site: Initiative Road, Kirkintiloch		Trial Pit No: **TP18**
Client: BakerHicks Ltd		Job No: P18/259
Excavation Method: JCB 3CX	Trial Pit Dimensions: 2.0m x 0.6m x 4.1m	Ground Level:	Date: 25-07-18 25-07-18	Sheet: 1 of 1
Contractor: J.D. Lamont		

Depth	Sample/Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	DESCRIPTION	Legend
					0.10	Grass over light brown gravely sand. Gravel is angular fine to coarse sandstone.	
0.40	TJES0.4				(1.50)	Made Ground: Dark grey clayey gravelly sand. Extraneous material includes bricks, glass fragments, plastic fragments, metal fragments and glass bottles.	
					1.60		
1.90	TJES1.9				(0.70)	Made Ground: Dark grey sludgey clayey gravelly sand. Extraneous material includes bricks, glass fragments, plastic fragments, metal fragments and glass bottles	
					2.30		
2.90	TJES2.9				(1.80)	Dark brown PEAT.	
					4.10		

Remarks

1. Strength and density characteristics assessed by visual inspection by the on site engineer only.
2. Pit was terminated at 4.1 m.
3. Pit had rapid water ingress at 1.6 m.

Plan

All dimensions in metres
Scale 1:26.25

Logged By
VS

MASON EVANS Geo-Environmental Consultants t: 0141 420 2025 e: masonevans.co.uk The Piazza, 95 Morrison Street, Glasgow, G5 8BE	Site: Initiative Road, Kirkintiloch	Trial Pit No: **TP19**
	Client: BakerHicks Ltd	Job No: P18/259

Excavation Method	Trial Pit Dimensions	Ground Level	Date	Sheet
JCB 3CX	2.0m x 0.6m x 2.1m		26-07-18 26-07-18	1 of 1

Contractor: J.D. Lamont

Depth	Sample/Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	DESCRIPTION	Legend
0.20	TJES0.2				(0.30) 0.30	Grass over light brown gravely sand. Gravel is angular fine to coarse sandstone.	
1.00	TJES1.0				(1.10) 1.40	Made Ground: Dark grey clayey gravelly sand. Extraneous material includes bricks, glass fragments, plastic fragments, metal fragments and glass bottles.	
1.90	TJES1.9				(0.70) 2.10	Made Ground: Dark grey sludgey clayey gravelly sand. Extraneous material includes bricks, glass fragments, plastic fragments, metal fragments and glass bottles	

Remarks

1. Strength and density characteristics assessed by visual inspection by the on site engineer only.
2. Pit was terminated at 2.1 m.
3. Pit had rapid water ingress at 2.0 m.

Plan

All dimensions in metres	Logged By
Scale 1:26.25	VS

MASON EVANS Geo-Environmental Consultants t: 0141 420 2025 e: masonevans.co.uk The Piazza, 95 Morrison Street, Glasgow, G5 8BE	Site Initiative Road, Kirkintiloch	Trial Pit No **TP20**
	Client BakerHicks Ltd	Job No P18/259

Excavation Method	Trial Pit Dimensions	Ground Level	Date	Sheet
JCB 3CX	2.0m x 0.6m x 3m		26-07-18 26-07-18	1 of 1

Contractor: J.D. Lamont

Depth	Sample/Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	DESCRIPTION	Legend
					(0.40) 0.40	Grass over light brown gravely sand. Gravel is angular fine to coarse sandstone.	
0.90	TJES0.9				(1.00) 1.40	Made Ground: Dark grey clayey gravelly sand. Extraneous material includes bricks, glass fragments, plastic fragments, metal fragments and glass bottles.	
2.00	TJES2.0				(1.10) 2.50	Made Ground: Dark grey sludgey clayey gravelly sand. Extraneous material includes bricks, glass fragments, plastic fragments, metal fragments and glass bottles	
2.80	TJES2.8				(0.50) 3.00	Dark brown PEAT.	

Remarks

1. Strength and density characteristics assessed by visual inspection by the on site engineer only.
2. Pit was terminated at 3.0 m.
3. Pit had rapid water ingress at 2.5 m.

Plan

All dimensions in metres	Logged By
Scale 1:26.25	VS

MASON EVANS Geo-Environmental Consultants t: 0141 420 2025 e: masonevans.co.uk The Piazza, 95 Morrison Street, Glasgow, G5 8BE	Site: Initiative Road, Kirkintiloch	Trial Pit No: **TP21**
	Client: BakerHicks Ltd	Job No: P18/259

Excavation Method	Trial Pit Dimensions	Ground Level	Date	Sheet
JCB 3CX	2.0m x 0.6m x 3.3m		26-07-18 26-07-18	1 of 1

Contractor: J.D. Lamont

Depth	Sample/Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	DESCRIPTION	Legend
					(0.40) 0.40	Grass over light brown gravely sand. Gravel is angular fine to coarse sandstone.	
0.70	TJES0.7				(1.90) 2.30	Made Ground: Dark grey clayey gravelly sand. Extraneous material includes bricks, glass fragments, plastic fragments, metal fragments and glass bottles.	
2.50	TJES2.5				(0.70) 3.00	Made Ground: Dark grey sludgey clayey gravelly sand. Extraneous material includes bricks, glass fragments, plastic fragments, metal fragments and glass bottles	
3.20	TJES3.2				(0.30) 3.30	Dark brown PEAT.	

Remarks

1. Strength and density characteristics assessed by visual inspection by the on site engineer only.
2. Pit was terminated at 3.3 m.
3. Pit had rapid water ingress at 3.1 m.

Plan

All dimensions in metres	Logged By
Scale 1:26.25	VS

MASON EVANS Geo-Environmental Consultants t: 0141 420 2025 e: masonevans.co.uk The Piazza, 95 Morrison Street, Glasgow, G5 8BE	Site: Initiative Road, Kirkintiloch	Trial Pit No: **TP22**
	Client: BakerHicks Ltd	Job No: P18/259
Excavation Method: JCB 3CX	Trial Pit Dimensions: 2.0m x 0.6m x 3m	Ground Level:	Date: 26-07-18 26-07-18	Sheet: 1 of 1
Contractor: J.D. Lamont		

Depth	Sample/Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	DESCRIPTION	Legend
0.10	TJES0.1				(0.20) 0.20	Grass over light brown gravely sand. Gravel is angular fine to coarse sandstone.	
0.60	TJES0.6				(0.80) 1.00	Orangish brown gravelly clayey SAND. Gravel is angular to rounded fine to coarse sandstone.	
1.80	TJES1.8				(2.00) 3.00	Firm Blueish grey sandy gravelly CLAY. Gravel is sub-angular to rounded fine to coasre sandstone.	

Remarks

1. Strength and density characteristics assessed by visual inspection by the on site engineer only.
2. Pit was terminated at 3.0 m.
3. Pit was dry and stable throughout.

Plan

All dimensions in metres
Scale 1:26.25

Logged By
VS

MASON EVANS Geo-Environmental Consultants t: 0141 420 2025 e: masonevans.co.uk The Piazza, 95 Morrison Street, Glasgow, G5 8BE	Site Initiative Road, Kirkintiloch	Trial Pit No **TP23**
	Client BakerHicks Ltd	Job No P18/259

Excavation Method	Trial Pit Dimensions	Ground Level	Date	Sheet
JCB 3CX	2.0m x 0.6m x 3m		26-07-18 26-07-18	1 of 1

Contractor: J.D. Lamont

Depth	Sample/Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	DESCRIPTION	Legend
					(0.30) 0.30	Grass over light brown gravely sand. Gravel is angular fine to coarse sandstone.	
1.00	TJES1.0				(1.20) 1.50	Orangish brown gravelly clayey SAND. Gravel is angular to rounded fine to coarse sandstone.	
2.00	TJES2.0				(1.50) 3.00	Firm blueish grey sandy gravelly CLAY. Gravel is sub-angular to rounded fine to coasre sandstone.	

Remarks

1. Strength and density characteristics assessed by visual inspection by the on site engineer only.
2. Pit was terminated at 3.0 m.
3. Pit was dry and remained stable throughout.

Plan

All dimensions in metres	Logged By
Scale 1:26.25	VS

MASON EVANS Geo-Environmental Consultants t: 0141 420 2025 e: masonevans.co.uk The Piazza, 95 Morrison Street, Glasgow, G5 8BE	Site: Initiative Road, Kirkintiloch		Trial Pit No: **TP24**
	Client: BakerHicks Ltd		Job No: P18/259
Excavation Method: JCB 3CX	Trial Pit Dimensions: 2.0m x 0.6m x 3m	Ground Level:	Date: 26-07-18 26-07-18	Sheet: 1 of 1
Contractor: J.D. Lamont			

Depth	Sample/Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	DESCRIPTION	Legend
					(0.20) 0.20	Grass over light brown gravely sand. Gravel is angular fine to coarse sandstone.	
0.50	TJES0.5				(0.80) 1.00	Made Ground: Dark grey clayey gravelly sand. Extraneous material includes bricks, glass fragments, plastic fragments, metal fragments, concrete blocks and metal rods.	
					1.10	Made Ground: Concrete slab with metal rods.	
1.50	TJES1.5				(1.90) 3.00	Dark grey silty clayey gravelly SAND. Gravel is sub-angular to round fine to coarse sandstone.	
2.50	TJES2.5						

Remarks

1. Strength and density characteristics assessed by visual inspection by the on site engineer only.
2. Pit was terminated at 3.0 m.
3. Pit was dry and remained stable throughout.

Plan

All dimensions in metres: Scale 1:26.25

Logged By: VS

MASON EVANS
Geo-Environmental Consultants
t: 0141 420 2025 e: masonevans.co.uk
The Piazza, 95 Morrison Street, Glasgow, G5 8BE

Site: Initiative Road, Kirkintiloch		Trial Pit No: **TP25**
Client: BakerHicks Ltd		Job No: P18/259
Excavation Method: JCB 3CX	Trial Pit Dimensions: 2.0m x 0.6m x 2.5m	Ground Level: Date: 26-07-18 26-07-18 Sheet: 1 of 1
Contractor: J.D. Lamont		

Depth	Sample/Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	DESCRIPTION	Legend
					(0.30) 0.30	Grass over light brown gravely sand. Gravel is angular fine to coarse sandstone.	
0.30	TJES0.3					Light brown gravelly clayey SAND. Gravel is angualr fine to coarse sandstone.	
0.70	TJES0.7				(0.80) 1.10		
						Firm blueish grey gravelly sandy CLAY. Gravel is angular to rounded fine to coarse sandstone.	
1.70	TJES1.7				(1.40) 2.50		

Remarks

1. Strength and density characteristics assessed by visual inspection by the on site engineer only.
2. Pit was terminated at 2.5 m.
3. Pit was dry and remained stable throughout.

Plan

All dimensions in metres
Scale 1:26.25

Logged By
VS

MASON EVANS Geo-Environmental Consultants t: 0141 420 2025 e: masonevans.co.uk The Piazza, 95 Morrison Street, Glasgow, G5 8BE	Site: Initiative Road, Kirkintiloch		Trial Pit No: **TP25 A**
	Client: BakerHicks Ltd		Job No: P18/259
Excavation Method: JCB 3CX	Trial Pit Dimensions: 2.0m x 0.6m x 3m	Ground Level:	Date: 26-07-18 26-07-18	Sheet: 1 of 1
Contractor: J.D. Lamont			

Depth	Sample/Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	DESCRIPTION	Legend
0.20	TJES0.2				(0.30) 0.30	Grass over light brown gravely sand. Gravel is angular fine to coarse sandstone.	
0.80	TJES0.8				(1.20) 1.50	Made Ground: brown gravelly clayey sand. Gravel is angular fine to coasre sandstone. Extraneous material includes ceramic fragments.	
1.80	TJES1.8				(1.50) 3.00	Blueish grey silty gravelly clayey SAND. Gravel is angular fine to coarse sandstone.	

Remarks

1. Strength and density characteristics assessed by visual inspection by the on site engineer only.
2. Pit was terminated at 3.0 m.
3. Pit was dry and remained stable throughout.

Plan

All dimensions in metres: Scale 1:26.25

Logged By: VS

MASON EVANS Geo-Environmental Consultants t: 0141 420 2025 e: masonevans.co.uk The Piazza, 95 Morrison Street, Glasgow, G5 8BE	Site Initiative Road, Kirkintiloch	Trial Pit No **TP26**
	Client BakerHicks Ltd	Job No P18/259

Excavation Method	Trial Pit Dimensions	Ground Level	Date	Sheet
JCB 3CX	2.0m x 0.6m x 3m		26-07-18 26-07-18	1 of 1

Contractor: J.D. Lamont

Depth	Sample/Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	DESCRIPTION	Legend
					(0.20) 0.20	Grass over light brown gravely sand. Gravel is angular fine to coarse sandstone.	
0.40	TJES0.4				(0.80) 1.00	Made Ground: light brown gravelly sand. Gravel is sub-angular to rounded fine to coarse sandstone.Extraneous material includes plastic pipes, tarpaulin rags, ceramic fragments.	
1.40	TJES1.4				(2.00) 3.00	Blueish grey silty gravelly clayey SAND. Gravel is angular fine to coarse sandstone.	

Remarks

1. Strength and density characteristics assessed by visual inspection by the on site engineer only.
2. Pit was terminated at 3.0 m.
3. Pit was dry and remained stable throughout.

Plan

All dimensions in metres
Scale 1:26.25

Logged By
VS

MASON EVANS
Geo-Environmental Consultants
t: 0141 420 2025 e: masonevans.co.uk
The Piazza, 95 Morrison Street, Glasgow, G5 8BE

Site: Initiative Road, Kirkintiloch		Trial Pit No: **TP27**
Client: BakerHicks Ltd		Job No: P18/259
Excavation Method: JCB 3CX	Trial Pit Dimensions: 2.0m x 0.6m x 3m	Ground Level:	Date: 26-07-18 26-07-18	Sheet: 1 of 1
Contractor: J.D. Lamont				

Depth	Sample/Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	DESCRIPTION	Legend
0.50	TJES0.5				(1.00) 1.00	Made Ground: Grass over light brown gravelly clayey sand. Gravel is angular fine to coarse sandstone. Extraneous material includes tarpaulin rags, metal fragments and glass fragments.	
1.20	TJES1.2				(2.00) 3.00	Dark grey sandy PEAT.	
2.80	TJES2.8						

Remarks

1. Strength and density characteristics assessed by visual inspection by the on site engineer only.
2. Pit was terminated at 3.0 m.
3. Pit was dry and remained stable throughout.

Plan

All dimensions in metres
Scale 1:26.25

Logged By
VS

MASON EVANS Geo-Environmental Consultants t: 0141 420 2025 e: masonevans.co.uk The Piazza, 95 Morrison Street, Glasgow, G5 8BE	Site Initiative Road, Kirkintiloch	Trial Pit No **TP28**
	Client BakerHicks Ltd	Job No P18/259

Excavation Method	Trial Pit Dimensions	Ground Level	Date	Sheet
JCB 3CX	2.0m x 0.6m x 3m		26-07-18 26-07-18	1 of 1

Contractor: J.D. Lamont

Depth	Sample/Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	DESCRIPTION	Legend
0.40	TJES0.4				(0.90) 0.90	Made Ground: Grass over light brown gravelly clayey sand. Gravel is angular fine to coarse sandstone. Extraneous material includes tarpaulin rags, metal fragments, glass fragments.	
1.40	TJES1.4				(2.10)	Grey clayey sandy gravelly PEAT. Gravel is rounded fine to coarse sandstone.	
2.20	TJES2.2				3.00		

Remarks

1. Strength and density characteristics assessed by visual inspection by the on site engineer only.
2. Pit was terminated at 3.0 m.
3. Pit was dry and remained stable throughout.

Plan

All dimensions in metres
Scale 1:26.25

Logged By
VS

MASON EVANS Geo-Environmental Consultants t: 0141 420 2025 e: masonevans.co.uk The Piazza, 95 Morrison Street, Glasgow, G5 8BE	Site Initiative Road, Kirkintiloch	Trial Pit No **TP29**
	Client BakerHicks Ltd	Job No P18/259

Excavation Method	Trial Pit Dimensions	Ground Level	Date	Sheet
JCB 3CX	2.0m x 0.6m x 3m		26-07-18 26-07-18	1 of 1

Contractor: J.D. Lamont

Depth	Sample/Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	DESCRIPTION	Legend
0.30	TJES0.3				(0.80) 0.80	Made Ground: Grass over light brown gravelly clayey sand. Gravel is angular fine to coarse sandstone. Extraneous material includes steel rods and concrete blocks.	
1.00	TJES1.0				(2.20) 3.00	Dark grey clayey sandy PEAT.	
2.10	TJES2.1						

Remarks

1. Strength and density characteristics assessed by visual inspection by the on site engineer only.
2. Pit was terminated at 3.0 m.
3. Pit was dry and remained stable throughout.

Plan

All dimensions in metres	Logged By
Scale 1:26.25	VS

MASON EVANS
Geo-Environmental Consultants
t: 0141 420 2025 e: masonevans.co.uk
The Piazza, 95 Morrison Street, Glasgow, G5 8BE

Site: Initiative Road, Kirkintiloch		Trial Pit No: **TP30**
Client: BakerHicks Ltd		Job No: P18/259
Excavation Method: JCB 3CX	Trial Pit Dimensions: 2.0m x 0.6m x 3m	Ground Level:	Date: 26-07-18 26-07-18	Sheet: 1 of 1
Contractor: J.D. Lamont				

Depth	Sample/Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	DESCRIPTION	Legend
0.30	TJES0.3				(0.50) 0.50	Grass over light brown gravely sand. Gravel is angular fine to coarse sandstone.	
1.10	TJES1.1				(1.30) 1.80	Made Ground: light brown gravelly clayey sand. Gravel is angular fine to coarse sandstone. Extraneous material includes steel rods.	
2.40	TJES2.4				(1.20) 3.00	Dark grey sandy PEAT.	

Remarks

1. Strength and density characteristics assessed by visual inspection by the on site engineer only.
2. Pit was terminated at 3.0 m.
3. Pit was dry and remained stable throughout.

Plan

All dimensions in metres
Scale 1:26.25

Logged By
VS

Appendix 08

Chemical Laboratory Soil Analysis Results
(DETS Laboratory, August 2018)
(Ref: 18-18516)

Certificate of Analysis

Certificate Number 18-18516

13-Aug-18

Client Mason Evans Partnership
95 Morrison Street
Glasgow
G5 8BE

Our Reference 18-18516

Client Reference P17-486

Order No V SPENCE

Contract Title (P17-486) Initiative Road

Description 63 Soil samples, 19 Leachate samples.

Date Received 02-Aug-18

Date Started 02-Aug-18

Date Completed 13-Aug-18

Test Procedures Identified by prefix DETSn (details on request).

Notes Opinions and interpretations are outside the laboratory's scope of ISO 17025 accreditation. This certificate is issued in accordance with the accreditation requirements of the United Kingdom Accreditation Service. The results reported herein relate only to the material supplied to the laboratory. This certificate shall not be reproduced except in full, without the prior written approval of the laboratory.

Approved By

Adam Fenwick
Contracts Manager

UKAS TESTING
2139

Summary of Chemical Analysis
Soil Samples

Our Ref 18-18516
Client Ref P17-486
Contract Title (P17-486) Initiative Road

			Lab No	1374932	1374933	1374934	1374935	1374936	1374937
			Sample ID	TP01	TP01	TP01	TP02	TP03	TP03
			Depth	0.40	1.50	2.50	1.80	0.30	1.00
			Other ID						
			Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampling Date	24/07/18	24/07/18	24/07/18	24/07/18	24/07/18	24/07/18
			Sampling Time	n/s	n/s	n/s	n/s	n/s	n/s
Test	**Method**	**LOD**	**Units**						
Preparation									
Moisture Content	DETSC 1004	0.1	%	19	56	45	40	8.1	16
Metals									
Arsenic	DETSC 2301#	0.2	mg/kg	9.2	10	8.1	18	4.8	13
Boron, Water Soluble	DETSC 2123#	0.2	mg/kg	1.4	8.3	3.5	5.6	1.3	2.9
Cadmium	DETSC 2301#	0.1	mg/kg	0.5	0.5	0.4	1.4	0.2	0.3
Chromium	DETSC 2301#	0.15	mg/kg	62	22	26	36	30	160
Chromium, Hexavalent	DETSC 2204*	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Copper	DETSC 2301#	0.2	mg/kg	110	110	79	450	49	100
Lead	DETSC 2301#	0.3	mg/kg	230	280	150	410	45	150
Mercury	DETSC 2325#	0.05	mg/kg	0.79	0.44	0.44	1.8	0.10	0.14
Nickel	DETSC 2301#	1	mg/kg	110	65	67	140	44	250
Selenium	DETSC 2301#	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Zinc	DETSC 2301#	1	mg/kg	260	390	150	840	130	160
Inorganics									
Loss on Ignition at 440oC	DETSC 2003#	0.01	%						
pH	DETSC 2008#			7.6	6.7	6.4	6.8	6.1	8.0
Cyanide, Total	DETSC 2130#	0.1	mg/kg	0.5	2.9	1.3	2.5	0.3	0.3
Total Organic Carbon	DETSC 2084#	0.5	%	21	27	18	49	4.1	17
Organic Matter (by calculation)	*	0.1	%	12	22	22	20	5.4	11
Sulphide	DETSC 2024*	10	mg/kg	80	210	100	120	12	76
Sulphate as SO4, Total	DETSC 2321#	0.01	%	0.10	0.27	0.19	0.13	0.08	0.06
Petroleum Hydrocarbons									
Aliphatic C5-C6	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic C6-C8	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic C8-C10	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic C10-C12	DETSC 3072#	1.5	mg/kg	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Aliphatic C12-C16	DETSC 3072#	1.2	mg/kg	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Aliphatic C16-C21	DETSC 3072#	1.5	mg/kg	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Aliphatic C16-C35	DETSC 3072#	4.9	mg/kg	< 4.9	< 4.9	< 4.9	< 4.9	< 4.9	29
Aliphatic C21-C35	DETSC 3072#	3.4	mg/kg	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4	29
Aliphatic C5-C35	DETSC 3072*	10	mg/kg	< 10	< 10	< 10	< 10	< 10	29
Aromatic C5-C7	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic C7-C8	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic C8-C10	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic C10-C12	DETSC 3072#	0.9	mg/kg	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Aromatic C12-C16	DETSC 3072#	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aromatic C16-C21	DETSC 3072#	0.6	mg/kg	6.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
Aromatic C21-C35	DETSC 3072#	1.4	mg/kg	56	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4
Aromatic C5-C35	DETSC 3072*	10	mg/kg	63	< 10	< 10	< 10	< 10	< 10
TPH Ali/Aro Total	DETSC 3072*	10	mg/kg	63	< 10	< 10	< 10	< 10	29

Key: * -not accredited. # -MCERTS (accreditation only applies if report carries the MCERTS logo). n/s -not supplied.

Summary of Chemical Analysis
Soil Samples

Our Ref 18-18516
Client Ref P17-486
Contract Title (P17-486) Initiative Road

			Lab No	1374932	1374933	1374934	1374935	1374936	1374937
			Sample ID	TP01	TP01	TP01	TP02	TP03	TP03
			Depth	0.40	1.50	2.50	1.80	0.30	1.00
			Other ID						
			Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampling Date	24/07/18	24/07/18	24/07/18	24/07/18	24/07/18	24/07/18
			Sampling Time	n/s	n/s	n/s	n/s	n/s	n/s
Test	**Method**	**LOD**	**Units**						
PAHs									
Naphthalene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	0.1	< 0.1	< 0.1
Acenaphthylene	DETSC 3301	0.1	mg/kg	0.3	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthene	DETSC 3301	0.1	mg/kg	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Fluorene	DETSC 3301	0.1	mg/kg	0.2	< 0.1	< 0.1	0.2	< 0.1	< 0.1
Phenanthrene	DETSC 3301	0.1	mg/kg	1.1	< 0.1	< 0.1	0.4	< 0.1	0.8
Anthracene	DETSC 3301	0.1	mg/kg	0.5	< 0.1	< 0.1	0.3	< 0.1	0.3
Fluoranthene	DETSC 3301	0.1	mg/kg	3.3	< 0.1	< 0.1	1.0	0.2	1.6
Pyrene	DETSC 3301	0.1	mg/kg	3.4	< 0.1	< 0.1	2.0	0.2	1.5
Benzo(a)anthracene	DETSC 3301	0.1	mg/kg	1.7	< 0.1	< 0.1	0.6	< 0.1	0.8
Chrysene	DETSC 3301	0.1	mg/kg	1.7	< 0.1	< 0.1	0.5	< 0.1	0.9
Benzo(b)fluoranthene	DETSC 3301	0.1	mg/kg	1.8	< 0.1	< 0.1	0.6	0.2	0.6
Benzo(k)fluoranthene	DETSC 3301	0.1	mg/kg	1.1	< 0.1	< 0.1	0.2	< 0.1	0.4
Benzo(a)pyrene	DETSC 3301	0.1	mg/kg	2.6	< 0.1	< 0.1	1.1	< 0.1	0.9
Indeno(1,2,3-c,d)pyrene	DETSC 3301	0.1	mg/kg	1.5	< 0.1	< 0.1	0.5	< 0.1	0.5
Dibenzo(a,h)anthracene	DETSC 3301	0.1	mg/kg	0.5	< 0.1	< 0.1	0.2	< 0.1	0.1
Benzo(g,h,i)perylene	DETSC 3301	0.1	mg/kg	1.7	< 0.1	< 0.1	1.0	< 0.1	0.6
PAH Total	DETSC 3301	1.6	mg/kg	22	< 1.6	< 1.6	8.9	< 1.6	9.3
Phenols									
Phenol - Monohydric	DETSC 2130#	0.3	mg/kg	< 0.3	1.0	1.2	< 0.3	< 0.3	< 0.3

Key: * -not accredited. # -MCERTS (accreditation only applies if report carries the MCERTS logo). n/s -not supplied.

Summary of Chemical Analysis
Soil Samples

Our Ref 18-18516
Client Ref P17-486
Contract Title (P17-486) Initiative Road

			Lab No	1374938	1374939	1374940	1374941	1374942	1374943
			Sample ID	TP03	TP03	TP04	TP05	TP05	TP05
			Depth	1.60	2.80	2.90	0.80	1.70	2.50
			Other ID						
			Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampling Date	24/07/18	24/07/18	24/07/18	24/07/18	24/07/18	24/07/18
			Sampling Time	n/s	n/s	n/s	n/s	n/s	n/s
Test	**Method**	**LOD**	**Units**						
Preparation									
Moisture Content	DETSC 1004	0.1	%	19	31	48	19	51	58
Metals									
Arsenic	DETSC 2301#	0.2	mg/kg	4.0	7.9	4.2	12	26	3.2
Boron, Water Soluble	DETSC 2123#	0.2	mg/kg	1.8	1.8	3.3	2.1	2.2	2.6
Cadmium	DETSC 2301#	0.1	mg/kg	< 0.1	0.4	0.2	0.4	1.0	0.1
Chromium	DETSC 2301#	0.15	mg/kg	25	19	13	150	61	9.6
Chromium, Hexavalent	DETSC 2204*	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Copper	DETSC 2301#	0.2	mg/kg	26	220	31	100	610	21
Lead	DETSC 2301#	0.3	mg/kg	23	240	44	190	740	37
Mercury	DETSC 2325#	0.05	mg/kg	< 0.05	0.10	0.21	0.20	0.60	0.10
Nickel	DETSC 2301#	1	mg/kg	28	63	19	220	110	16
Selenium	DETSC 2301#	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Zinc	DETSC 2301#	1	mg/kg	47	440	54	200	570	35
Inorganics									
Loss on Ignition at 440oC	DETSC 2003#	0.01	%						
pH	DETSC 2008#			7.6	7.6	6.5	7.3	7.5	6.8
Cyanide, Total	DETSC 2130#	0.1	mg/kg	< 0.1	1.9	0.8	0.3	10	0.4
Total Organic Carbon	DETSC 2084#	0.5	%	2.7	35	18	12	42	19
Organic Matter (by calculation)	*	0.1	%	3.7	12	24	8.4	19	19
Sulphide	DETSC 2024*	10	mg/kg	24	140	32	40	260	< 10
Sulphate as SO4, Total	DETSC 2321#	0.01	%	0.04	0.10	0.15	0.07	0.24	0.13
Petroleum Hydrocarbons									
Aliphatic C5-C6	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic C6-C8	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic C8-C10	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic C10-C12	DETSC 3072#	1.5	mg/kg	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Aliphatic C12-C16	DETSC 3072#	1.2	mg/kg	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Aliphatic C16-C21	DETSC 3072#	1.5	mg/kg	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Aliphatic C16-C35	DETSC 3072#	4.9	mg/kg	< 4.9	< 4.9	< 4.9	17	< 4.9	< 4.9
Aliphatic C21-C35	DETSC 3072#	3.4	mg/kg	< 3.4	< 3.4	< 3.4	17	< 3.4	< 3.4
Aliphatic C5-C35	DETSC 3072*	10	mg/kg	< 10	< 10	< 10	17	< 10	< 10
Aromatic C5-C7	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic C7-C8	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic C8-C10	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic C10-C12	DETSC 3072#	0.9	mg/kg	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Aromatic C12-C16	DETSC 3072#	0.5	mg/kg	< 0.5	< 0.5	< 0.5	2.8	< 0.5	< 0.5
Aromatic C16-C21	DETSC 3072#	0.6	mg/kg	< 0.6	< 0.6	< 0.6	34	< 0.6	< 0.6
Aromatic C21-C35	DETSC 3072#	1.4	mg/kg	< 1.4	< 1.4	< 1.4	110	< 1.4	< 1.4
Aromatic C5-C35	DETSC 3072*	10	mg/kg	< 10	< 10	< 10	150	< 10	< 10
TPH Ali/Aro Total	DETSC 3072*	10	mg/kg	< 10	< 10	< 10	160	< 10	< 10

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Summary of Chemical Analysis
Soil Samples

Our Ref 18-18516
Client Ref P17-486
Contract Title (P17-486) Initiative Road

			Lab No	1374938	1374939	1374940	1374941	1374942	1374943
			Sample ID	TP03	TP03	TP04	TP05	TP05	TP05
			Depth	1.60	2.80	2.90	0.80	1.70	2.50
			Other ID						
			Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampling Date	24/07/18	24/07/18	24/07/18	24/07/18	24/07/18	24/07/18
			Sampling Time	n/s	n/s	n/s	n/s	n/s	n/s
Test	**Method**	**LOD**	**Units**						
PAHs									
Naphthalene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	0.3	< 0.1	< 0.1
Acenaphthylene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	2.6	0.1	< 0.1
Acenaphthene	DETSC 3301	0.1	mg/kg	< 0.1	0.1	< 0.1	0.8	< 0.1	< 0.1
Fluorene	DETSC 3301	0.1	mg/kg	< 0.1	0.1	< 0.1	4.0	< 0.1	< 0.1
Phenanthrene	DETSC 3301	0.1	mg/kg	< 0.1	0.3	< 0.1	22	0.3	< 0.1
Anthracene	DETSC 3301	0.1	mg/kg	< 0.1	0.2	< 0.1	5.3	0.2	< 0.1
Fluoranthene	DETSC 3301	0.1	mg/kg	< 0.1	0.5	< 0.1	31	1.8	< 0.1
Pyrene	DETSC 3301	0.1	mg/kg	< 0.1	0.6	< 0.1	25	2.2	< 0.1
Benzo(a)anthracene	DETSC 3301	0.1	mg/kg	< 0.1	0.4	< 0.1	11	2.0	< 0.1
Chrysene	DETSC 3301	0.1	mg/kg	< 0.1	0.3	< 0.1	12	1.6	< 0.1
Benzo(b)fluoranthene	DETSC 3301	0.1	mg/kg	< 0.1	0.3	< 0.1	8.1	1.1	< 0.1
Benzo(k)fluoranthene	DETSC 3301	0.1	mg/kg	< 0.1	0.1	< 0.1	5.0	0.5	< 0.1
Benzo(a)pyrene	DETSC 3301	0.1	mg/kg	< 0.1	0.6	< 0.1	11	1.8	< 0.1
Indeno(1,2,3-c,d)pyrene	DETSC 3301	0.1	mg/kg	< 0.1	0.4	< 0.1	6.8	0.8	< 0.1
Dibenzo(a,h)anthracene	DETSC 3301	0.1	mg/kg	< 0.1	0.2	< 0.1	1.4	0.3	< 0.1
Benzo(g,h,i)perylene	DETSC 3301	0.1	mg/kg	< 0.1	0.5	< 0.1	5.2	1.4	< 0.1
PAH Total	DETSC 3301	1.6	mg/kg	< 1.6	4.7	< 1.6	150	14	< 1.6
Phenols									
Phenol - Monohydric	DETSC 2130#	0.3	mg/kg	< 0.3	< 0.3	1.0	< 0.3	0.6	0.9

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Summary of Chemical Analysis
Soil Samples

Our Ref 18-18516
Client Ref P17-486
Contract Title (P17-486) Initiative Road

			Lab No	1374944	1374945	1374946	1374947	1374948	1374949
			Sample ID	TP06	TP06	TP07	TP08	TP08	TP08
			Depth	0.20	2.60	1.40	0.40	1.60	2.60
			Other ID						
			Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampling Date	24/07/18	24/07/18	24/07/18	24/07/18	24/07/18	24/07/18
			Sampling Time	n/s	n/s	n/s	n/s	n/s	n/s
Test	**Method**	**LOD**	**Units**						
Preparation									
Moisture Content	DETSC 1004	0.1	%	8.8	80	37	3.7	38	74
Metals									
Arsenic	DETSC 2301#	0.2	mg/kg	5.6	4.0	12	3.1	6.9	1.4
Boron, Water Soluble	DETSC 2123#	0.2	mg/kg	1.6	4.8	3.2	0.7	2.8	14
Cadmium	DETSC 2301#	0.1	mg/kg	0.2	0.1	0.3	< 0.1	0.3	0.4
Chromium	DETSC 2301#	0.15	mg/kg	21	4.5	33	12	14	4.1
Chromium, Hexavalent	DETSC 2204*	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Copper	DETSC 2301#	0.2	mg/kg	50	20	460	16	88	18
Lead	DETSC 2301#	0.3	mg/kg	76	64	320	17	110	7.7
Mercury	DETSC 2325#	0.05	mg/kg	0.37	0.06	0.20	< 0.05	0.32	0.07
Nickel	DETSC 2301#	1	mg/kg	31	14	60	14	45	10
Selenium	DETSC 2301#	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Zinc	DETSC 2301#	1	mg/kg	100	63	200	52	190	14
Inorganics									
Loss on Ignition at 440oC	DETSC 2003#	0.01	%		79				81
pH	DETSC 2008#			5.7	7.4	7.1	6.2	7.6	7.1
Cyanide, Total	DETSC 2130#	0.1	mg/kg	0.4	0.3	1.5	< 0.1	0.9	0.8
Total Organic Carbon	DETSC 2084#	0.5	%	5.8	12	38	2.4	39	36
Organic Matter (by calculation)	*	0.1	%	7.3	> 25	13	2.7	14	> 25
Sulphide	DETSC 2024*	10	mg/kg	32	96	110	20	110	110
Sulphate as SO4, Total	DETSC 2321#	0.01	%	0.10	0.22	0.13	0.04	0.09	0.09
Petroleum Hydrocarbons									
Aliphatic C5-C6	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic C6-C8	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic C8-C10	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic C10-C12	DETSC 3072#	1.5	mg/kg	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Aliphatic C12-C16	DETSC 3072#	1.2	mg/kg	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Aliphatic C16-C21	DETSC 3072#	1.5	mg/kg	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Aliphatic C16-C35	DETSC 3072#	4.9	mg/kg	< 4.9	< 4.9	< 4.9	< 4.9	< 4.9	< 4.9
Aliphatic C21-C35	DETSC 3072#	3.4	mg/kg	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4
Aliphatic C5-C35	DETSC 3072*	10	mg/kg	< 10	< 10	< 10	< 10	< 10	< 10
Aromatic C5-C7	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic C7-C8	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic C8-C10	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic C10-C12	DETSC 3072#	0.9	mg/kg	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Aromatic C12-C16	DETSC 3072#	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aromatic C16-C21	DETSC 3072#	0.6	mg/kg	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
Aromatic C21-C35	DETSC 3072#	1.4	mg/kg	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4
Aromatic C5-C35	DETSC 3072*	10	mg/kg	< 10	< 10	< 10	< 10	< 10	< 10
TPH Ali/Aro Total	DETSC 3072*	10	mg/kg	< 10	< 10	< 10	< 10	< 10	< 10

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Summary of Chemical Analysis
Soil Samples

Our Ref 18-18516
Client Ref P17-486
Contract Title (P17-486) Initiative Road

			Lab No	1374944	1374945	1374946	1374947	1374948	1374949
			Sample ID	TP06	TP06	TP07	TP08	TP08	TP08
			Depth	0.20	2.60	1.40	0.40	1.60	2.60
			Other ID						
			Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampling Date	24/07/18	24/07/18	24/07/18	24/07/18	24/07/18	24/07/18
			Sampling Time	n/s	n/s	n/s	n/s	n/s	n/s
Test	**Method**	**LOD**	**Units**						
PAHs									
Naphthalene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Fluorene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phenanthrene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	0.2	< 0.1	0.1	< 0.1
Anthracene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Fluoranthene	DETSC 3301	0.1	mg/kg	0.2	< 0.1	0.6	0.1	0.4	< 0.1
Pyrene	DETSC 3301	0.1	mg/kg	0.4	< 0.1	0.6	0.3	0.3	< 0.1
Benzo(a)anthracene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	0.3	< 0.1	0.2	< 0.1
Chrysene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	0.3	< 0.1	0.1	< 0.1
Benzo(b)fluoranthene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	0.4	< 0.1	0.3	< 0.1
Benzo(k)fluoranthene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	0.2	< 0.1	0.1	< 0.1
Benzo(a)pyrene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	0.7	< 0.1	0.3	< 0.1
Indeno(1,2,3-c,d)pyrene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	0.5	< 0.1	0.4	< 0.1
Dibenzo(a,h)anthracene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	0.2	< 0.1	< 0.1	< 0.1
Benzo(g,h,i)perylene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	0.6	< 0.1	0.4	< 0.1
PAH Total	DETSC 3301	1.6	mg/kg	< 1.6	< 1.6	4.6	< 1.6	2.8	< 1.6
Phenols									
Phenol - Monohydric	DETSC 2130#	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

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Summary of Chemical Analysis
Soil Samples

Our Ref 18-18516
Client Ref P17-486
Contract Title (P17-486) Initiative Road

			Lab No	1374950	1374951	1374952	1374953	1374954	1374955
			Sample ID	TP09	TP10	TP10	TP11	TP11	TP12
			Depth	0.70	0.80	1.80	0.50	1.90	0.30
			Other ID						
			Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampling Date	25/07/18	25/07/18	25/07/18	25/07/18	25/07/18	25/07/18
			Sampling Time	n/s	n/s	n/s	n/s	n/s	n/s
Test	**Method**	**LOD**	**Units**						
Preparation									
Moisture Content	DETSC 1004	0.1	%	36	20	43	26	42	18
Metals									
Arsenic	DETSC 2301#	0.2	mg/kg	20	7.0	12	16	12	7.8
Boron, Water Soluble	DETSC 2123#	0.2	mg/kg	2.2	3.7	3.3	4.5	1.9	1.6
Cadmium	DETSC 2301#	0.1	mg/kg	1.9	0.6	0.7	2.3	0.7	0.3
Chromium	DETSC 2301#	0.15	mg/kg	48	96	18	50	34	23
Chromium, Hexavalent	DETSC 2204*	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Copper	DETSC 2301#	0.2	mg/kg	510	110	270	230	240	49
Lead	DETSC 2301#	0.3	mg/kg	680	550	210	440	450	69
Mercury	DETSC 2325#	0.05	mg/kg	0.21	0.48	0.16	0.17	0.16	0.09
Nickel	DETSC 2301#	1	mg/kg	140	170	57	130	88	37
Selenium	DETSC 2301#	0.5	mg/kg	1.2	< 0.5	< 0.5	1.3	< 0.5	< 0.5
Zinc	DETSC 2301#	1	mg/kg	1400	280	340	370	670	160
Inorganics									
Loss on Ignition at 440oC	DETSC 2003#	0.01	%						
pH	DETSC 2008#			6.5	6.8	7.6	6.6	7.6	8.2
Cyanide, Total	DETSC 2130#	0.1	mg/kg	0.9	2.3	6.0	1.5	2.4	< 0.1
Total Organic Carbon	DETSC 2084#	0.5	%	46	20	47	39	49	2.9
Organic Matter (by calculation)	*	0.1	%	24	12	12	13	19	3.2
Sulphide	DETSC 2024*	10	mg/kg	< 10	88	160	52	210	84
Sulphate as SO4, Total	DETSC 2321#	0.01	%	0.14	0.09	0.12	0.09	0.20	0.08
Petroleum Hydrocarbons									
Aliphatic C5-C6	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic C6-C8	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic C8-C10	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic C10-C12	DETSC 3072#	1.5	mg/kg	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Aliphatic C12-C16	DETSC 3072#	1.2	mg/kg	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Aliphatic C16-C21	DETSC 3072#	1.5	mg/kg	< 1.5	2.7	< 1.5	< 1.5	< 1.5	< 1.5
Aliphatic C16-C35	DETSC 3072#	4.9	mg/kg	< 4.9	51	< 4.9	< 4.9	< 4.9	< 4.9
Aliphatic C21-C35	DETSC 3072#	3.4	mg/kg	< 3.4	48	< 3.4	< 3.4	< 3.4	< 3.4
Aliphatic C5-C35	DETSC 3072*	10	mg/kg	< 10	51	< 10	< 10	< 10	< 10
Aromatic C5-C7	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic C7-C8	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic C8-C10	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic C10-C12	DETSC 3072#	0.9	mg/kg	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Aromatic C12-C16	DETSC 3072#	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aromatic C16-C21	DETSC 3072#	0.6	mg/kg	< 0.6	2.6	< 0.6	< 0.6	< 0.6	< 0.6
Aromatic C21-C35	DETSC 3072#	1.4	mg/kg	< 1.4	59	< 1.4	< 1.4	< 1.4	< 1.4
Aromatic C5-C35	DETSC 3072*	10	mg/kg	< 10	62	< 10	< 10	< 10	< 10
TPH Ali/Aro Total	DETSC 3072*	10	mg/kg	< 10	110	< 10	< 10	< 10	< 10

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Summary of Chemical Analysis
Soil Samples

Our Ref 18-18516
Client Ref P17-486
Contract Title (P17-486) Initiative Road

			Lab No	1374950	1374951	1374952	1374953	1374954	1374955
			Sample ID	TP09	TP10	TP10	TP11	TP11	TP12
			Depth	0.70	0.80	1.80	0.50	1.90	0.30
			Other ID						
			Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampling Date	25/07/18	25/07/18	25/07/18	25/07/18	25/07/18	25/07/18
			Sampling Time	n/s	n/s	n/s	n/s	n/s	n/s
Test	**Method**	**LOD**	**Units**						
PAHs									
Naphthalene	DETSC 3301	0.1	mg/kg	< 0.1	0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	DETSC 3301	0.1	mg/kg	< 0.1	0.2	< 0.1	< 0.1	0.1	< 0.1
Acenaphthene	DETSC 3301	0.1	mg/kg	0.2	0.4	< 0.1	< 0.1	0.1	< 0.1
Fluorene	DETSC 3301	0.1	mg/kg	0.2	0.4	< 0.1	0.1	0.2	< 0.1
Phenanthrene	DETSC 3301	0.1	mg/kg	< 0.1	2.7	< 0.1	0.2	2.4	< 0.1
Anthracene	DETSC 3301	0.1	mg/kg	< 0.1	0.8	< 0.1	< 0.1	1.0	< 0.1
Fluoranthene	DETSC 3301	0.1	mg/kg	0.3	4.9	0.2	0.4	3.4	< 0.1
Pyrene	DETSC 3301	0.1	mg/kg	0.4	4.7	0.2	0.4	4.2	0.1
Benzo(a)anthracene	DETSC 3301	0.1	mg/kg	0.2	2.3	0.1	0.1	1.9	< 0.1
Chrysene	DETSC 3301	0.1	mg/kg	0.3	2.3	0.1	0.2	1.8	< 0.1
Benzo(b)fluoranthene	DETSC 3301	0.1	mg/kg	0.4	2.1	0.3	< 0.1	1.2	< 0.1
Benzo(k)fluoranthene	DETSC 3301	0.1	mg/kg	0.1	1.2	0.1	< 0.1	0.5	< 0.1
Benzo(a)pyrene	DETSC 3301	0.1	mg/kg	0.4	3.1	0.4	0.3	1.9	< 0.1
Indeno(1,2,3-c,d)pyrene	DETSC 3301	0.1	mg/kg	0.3	2.0	0.3	0.3	1.0	< 0.1
Dibenzo(a,h)anthracene	DETSC 3301	0.1	mg/kg	< 0.1	0.4	< 0.1	< 0.1	0.4	< 0.1
Benzo(g,h,i)perylene	DETSC 3301	0.1	mg/kg	0.4	2.0	0.6	0.3	1.5	< 0.1
PAH Total	DETSC 3301	1.6	mg/kg	3.3	30	2.5	2.5	22	< 1.6
Phenols									
Phenol - Monohydric	DETSC 2130#	0.3	mg/kg	< 0.3	0.4	< 0.3	0.3	1.3	< 0.3

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Summary of Chemical Analysis
Soil Samples

Our Ref 18-18516
Client Ref P17-486
Contract Title (P17-486) Initiative Road

			Lab No	1374956	1374957	1374958	1374959	1374960	1374961
			Sample ID	TP13	TP14	TP14	TP14	TP15	TP15
			Depth	1.70	0.10	2.70	3.80	0.70	1.50
			Other ID						
			Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampling Date	25/07/18	25/07/18	25/07/18	25/07/18	25/07/18	25/07/18
			Sampling Time	n/s	n/s	n/s	n/s	n/s	n/s
Test	**Method**	**LOD**	**Units**						
Preparation									
Moisture Content	DETSC 1004	0.1	%	19	9.5	86	55	19	42
Metals									
Arsenic	DETSC 2301#	0.2	mg/kg	13	9.4	9.3	5.7	13	33
Boron, Water Soluble	DETSC 2123#	0.2	mg/kg	1.0	1.8	1.3	2.6	1.5	3.1
Cadmium	DETSC 2301#	0.1	mg/kg	0.7	0.7	0.7	0.2	1.6	1.4
Chromium	DETSC 2301#	0.15	mg/kg	30	47	49	29	37	47
Chromium, Hexavalent	DETSC 2204*	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Copper	DETSC 2301#	0.2	mg/kg	160	130	130	36	290	270
Lead	DETSC 2301#	0.3	mg/kg	330	390	380	24	350	7700
Mercury	DETSC 2325#	0.05	mg/kg	0.19	0.62	0.62	< 0.05	0.60	1.2
Nickel	DETSC 2301#	1	mg/kg	83	82	88	38	93	76
Selenium	DETSC 2301#	0.5	mg/kg	< 0.5	0.7	0.8	< 0.5	1.2	0.8
Zinc	DETSC 2301#	1	mg/kg	670	330	330	140	930	840
Inorganics									
Loss on Ignition at 440oC	DETSC 2003#	0.01	%				18		
pH	DETSC 2008#			5.8	5.6	5.6	6.0	5.4	7.0
Cyanide, Total	DETSC 2130#	0.1	mg/kg	1.6	1.7	1.1	0.4	1.5	4.5
Total Organic Carbon	DETSC 2084#	0.5	%	34	17	17	24	39	35
Organic Matter (by calculation)	*	0.1	%	14	12	15	> 25	18	15
Sulphide	DETSC 2024*	10	mg/kg	32	36	16	36	52	100
Sulphate as SO4, Total	DETSC 2321#	0.01	%	0.13	0.14	0.21	0.26	0.13	0.34
Petroleum Hydrocarbons									
Aliphatic C5-C6	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic C6-C8	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic C8-C10	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic C10-C12	DETSC 3072#	1.5	mg/kg	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Aliphatic C12-C16	DETSC 3072#	1.2	mg/kg	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Aliphatic C16-C21	DETSC 3072#	1.5	mg/kg	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Aliphatic C16-C35	DETSC 3072#	4.9	mg/kg	< 4.9	< 4.9	< 4.9	< 4.9	< 4.9	< 4.9
Aliphatic C21-C35	DETSC 3072#	3.4	mg/kg	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4
Aliphatic C5-C35	DETSC 3072*	10	mg/kg	< 10	< 10	< 10	< 10	< 10	< 10
Aromatic C5-C7	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic C7-C8	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic C8-C10	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic C10-C12	DETSC 3072#	0.9	mg/kg	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Aromatic C12-C16	DETSC 3072#	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aromatic C16-C21	DETSC 3072#	0.6	mg/kg	< 0.6	8.4	< 0.6	< 0.6	< 0.6	< 0.6
Aromatic C21-C35	DETSC 3072#	1.4	mg/kg	< 1.4	96	< 1.4	< 1.4	< 1.4	< 1.4
Aromatic C5-C35	DETSC 3072*	10	mg/kg	< 10	100	< 10	< 10	< 10	< 10
TPH Ali/Aro Total	DETSC 3072*	10	mg/kg	< 10	100	< 10	< 10	< 10	< 10

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Summary of Chemical Analysis
Soil Samples

Our Ref 18-18516
Client Ref P17-486
Contract Title (P17-486) Initiative Road

			Lab No	1374956	1374957	1374958	1374959	1374960	1374961
			Sample ID	TP13	TP14	TP14	TP14	TP15	TP15
			Depth	1.70	0.10	2.70	3.80	0.70	1.50
			Other ID						
			Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampling Date	25/07/18	25/07/18	25/07/18	25/07/18	25/07/18	25/07/18
			Sampling Time	n/s	n/s	n/s	n/s	n/s	n/s
Test	**Method**	**LOD**	**Units**						
PAHs									
Naphthalene	DETSC 3301	0.1	mg/kg	< 0.1	0.5	< 0.1	< 0.1	< 0.1	0.1
Acenaphthylene	DETSC 3301	0.1	mg/kg	< 0.1	0.1	< 0.1	< 0.1	< 0.1	0.3
Acenaphthene	DETSC 3301	0.1	mg/kg	< 0.1	0.7	< 0.1	< 0.1	< 0.1	< 0.1
Fluorene	DETSC 3301	0.1	mg/kg	< 0.1	0.7	< 0.1	< 0.1	0.1	0.2
Phenanthrene	DETSC 3301	0.1	mg/kg	< 0.1	3.6	< 0.1	< 0.1	0.4	1.0
Anthracene	DETSC 3301	0.1	mg/kg	< 0.1	1.1	< 0.1	< 0.1	0.2	0.6
Fluoranthene	DETSC 3301	0.1	mg/kg	0.2	5.2	< 0.1	< 0.1	1.7	5.8
Pyrene	DETSC 3301	0.1	mg/kg	0.2	5.4	< 0.1	< 0.1	1.5	6.3
Benzo(a)anthracene	DETSC 3301	0.1	mg/kg	0.1	2.9	< 0.1	< 0.1	0.9	3.8
Chrysene	DETSC 3301	0.1	mg/kg	0.1	3.0	< 0.1	< 0.1	1.0	4.3
Benzo(b)fluoranthene	DETSC 3301	0.1	mg/kg	0.2	2.9	< 0.1	< 0.1	0.9	4.9
Benzo(k)fluoranthene	DETSC 3301	0.1	mg/kg	0.1	1.6	< 0.1	< 0.1	0.4	2.7
Benzo(a)pyrene	DETSC 3301	0.1	mg/kg	0.3	3.9	< 0.1	< 0.1	1.2	6.5
Indeno(1,2,3-c,d)pyrene	DETSC 3301	0.1	mg/kg	0.3	2.3	< 0.1	< 0.1	0.8	4.3
Dibenzo(a,h)anthracene	DETSC 3301	0.1	mg/kg	0.1	0.5	< 0.1	< 0.1	0.2	0.5
Benzo(g,h,i)perylene	DETSC 3301	0.1	mg/kg	0.3	2.4	< 0.1	< 0.1	0.7	4.4
PAH Total	DETSC 3301	1.6	mg/kg	2.0	37	< 1.6	< 1.6	10	46
Phenols									
Phenol - Monohydric	DETSC 2130#	0.3	mg/kg	< 0.3	0.8	1.8	0.4	0.3	0.5

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Summary of Chemical Analysis
Soil Samples

Our Ref 18-18516
Client Ref P17-486
Contract Title (P17-486) Initiative Road

			Lab No	1374962	1374963	1374964	1374965	1374966	1374967
			Sample ID	TP15	TP16	TP17	TP17	TP17	TP18
			Depth	2.60	1.80	0.30	0.50	1.70	1.90
			Other ID						
			Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampling Date	25/07/18	25/07/18	25/07/18	25/07/18	25/07/18	25/07/18
			Sampling Time	n/s	n/s	n/s	n/s	n/s	n/s
Test	**Method**	**LOD**	**Units**						
Preparation									
Moisture Content	DETSC 1004	0.1	%	49	43	7.2	30	43	55
Metals									
Arsenic	DETSC 2301#	0.2	mg/kg	1.7	16	27	14	15	27
Boron, Water Soluble	DETSC 2123#	0.2	mg/kg	2.5	3.6	1.0	1.5	2.6	3.1
Cadmium	DETSC 2301#	0.1	mg/kg	< 0.1	1.0	0.6	2.2	2.2	3.1
Chromium	DETSC 2301#	0.15	mg/kg	7.2	43	56	32	47	70
Chromium, Hexavalent	DETSC 2204*	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Copper	DETSC 2301#	0.2	mg/kg	7.6	220	200	330	640	630
Lead	DETSC 2301#	0.3	mg/kg	12	550	290	440	890	1100
Mercury	DETSC 2325#	0.05	mg/kg	0.28	1.4	0.62	0.29	0.87	3.0
Nickel	DETSC 2301#	1	mg/kg	8.9	110	140	120	130	100
Selenium	DETSC 2301#	0.5	mg/kg	< 0.5	2.4	< 0.5	< 0.5	1.0	1.2
Zinc	DETSC 2301#	1	mg/kg	34	600	380	700	1300	2600
Inorganics									
Loss on Ignition at 440oC	DETSC 2003#	0.01	%						
pH	DETSC 2008#			6.1	6.6	5.8	6.4	6.7	6.5
Cyanide, Total	DETSC 2130#	0.1	mg/kg	0.7	1.3	0.9	0.4	3.3	21
Total Organic Carbon	DETSC 2084#	0.5	%	17	53	53	40	42	36
Organic Matter (by calculation)	*	0.1	%	14	15	12	17	19	21
Sulphide	DETSC 2024*	10	mg/kg	48	130	24	< 10	92	370
Sulphate as SO4, Total	DETSC 2321#	0.01	%	0.17	0.15	0.19	0.11	0.16	0.56
Petroleum Hydrocarbons									
Aliphatic C5-C6	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic C6-C8	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic C8-C10	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic C10-C12	DETSC 3072#	1.5	mg/kg	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Aliphatic C12-C16	DETSC 3072#	1.2	mg/kg	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Aliphatic C16-C21	DETSC 3072#	1.5	mg/kg	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Aliphatic C16-C35	DETSC 3072#	4.9	mg/kg	< 4.9	< 4.9	< 4.9	< 4.9	< 4.9	< 4.9
Aliphatic C21-C35	DETSC 3072#	3.4	mg/kg	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4
Aliphatic C5-C35	DETSC 3072*	10	mg/kg	< 10	< 10	< 10	< 10	< 10	< 10
Aromatic C5-C7	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic C7-C8	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic C8-C10	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic C10-C12	DETSC 3072#	0.9	mg/kg	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Aromatic C12-C16	DETSC 3072#	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aromatic C16-C21	DETSC 3072#	0.6	mg/kg	< 0.6	< 0.6	1.5	< 0.6	< 0.6	< 0.6
Aromatic C21-C35	DETSC 3072#	1.4	mg/kg	< 1.4	< 1.4	41	< 1.4	< 1.4	< 1.4
Aromatic C5-C35	DETSC 3072*	10	mg/kg	< 10	< 10	42	< 10	< 10	< 10
TPH Ali/Aro Total	DETSC 3072*	10	mg/kg	< 10	< 10	42	< 10	< 10	< 10

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Summary of Chemical Analysis
Soil Samples

Our Ref 18-18516
Client Ref P17-486
Contract Title (P17-486) Initiative Road

			Lab No	1374962	1374963	1374964	1374965	1374966	1374967
			Sample ID	TP15	TP16	TP17	TP17	TP17	TP18
			Depth	2.60	1.80	0.30	0.50	1.70	1.90
			Other ID						
			Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampling Date	25/07/18	25/07/18	25/07/18	25/07/18	25/07/18	25/07/18
			Sampling Time	n/s	n/s	n/s	n/s	n/s	n/s
Test	**Method**	**LOD**	**Units**						
PAHs									
Naphthalene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	0.1	< 0.1	< 0.1	< 0.1
Acenaphthene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	0.1	< 0.1	< 0.1	< 0.1
Fluorene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	0.1	< 0.1	< 0.1	< 0.1
Phenanthrene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	1.1	0.3	< 0.1	< 0.1
Anthracene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	0.4	0.1	< 0.1	< 0.1
Fluoranthene	DETSC 3301	0.1	mg/kg	< 0.1	0.3	2.9	0.5	0.3	0.6
Pyrene	DETSC 3301	0.1	mg/kg	< 0.1	0.3	2.9	0.6	0.4	1.0
Benzo(a)anthracene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	1.5	0.3	0.1	0.2
Chrysene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	1.8	0.3	0.1	0.3
Benzo(b)fluoranthene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	1.9	0.3	0.3	0.4
Benzo(k)fluoranthene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	1.0	0.2	0.1	0.1
Benzo(a)pyrene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	2.8	0.5	0.3	1.0
Indeno(1,2,3-c,d)pyrene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	1.9	0.3	0.3	0.4
Dibenzo(a,h)anthracene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	0.4	0.1	0.2	0.3
Benzo(g,h,i)perylene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	1.9	0.5	0.4	0.8
PAH Total	DETSC 3301	1.6	mg/kg	< 1.6	< 1.6	21	4.1	2.6	5.2
Phenols									
Phenol - Monohydric	DETSC 2130#	0.3	mg/kg	1.1	0.4	< 0.3	< 0.3	0.4	0.7

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Summary of Chemical Analysis
Soil Samples

Our Ref 18-18516
Client Ref P17-486
Contract Title (P17-486) Initiative Road

			Lab No	1374968	1374969	1374970	1374971	1374972	1374973
			Sample ID	TP18	TP19	TP19	TP20	TP20	TP21
			Depth	2.90	0.20	1.90	0.90	2.00	0.70
			Other ID						
			Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampling Date	25/07/18	26/07/18	26/07/18	26/07/18	26/07/18	26/07/18
			Sampling Time	n/s	n/s	n/s	n/s	n/s	n/s
Test	**Method**	**LOD**	**Units**						
Preparation									
Moisture Content	DETSC 1004	0.1	%	82	5.6	38	23	47	31
Metals									
Arsenic	DETSC 2301#	0.2	mg/kg	10	3.6	11	11	26	20
Boron, Water Soluble	DETSC 2123#	0.2	mg/kg	2.4	1.3	2.4	2.3	2.5	3.6
Cadmium	DETSC 2301#	0.1	mg/kg	0.6	0.1	0.8	0.7	1.8	1.1
Chromium	DETSC 2301#	0.15	mg/kg	230	16	290	61	64	36
Chromium, Hexavalent	DETSC 2204*	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Copper	DETSC 2301#	0.2	mg/kg	170	27	200	180	570	280
Lead	DETSC 2301#	0.3	mg/kg	540	36	720	200	1300	4.6
Mercury	DETSC 2325#	0.05	mg/kg	0.76	< 0.05	0.90	0.33	1.2	0.57
Nickel	DETSC 2301#	1	mg/kg	480	17	580	85	110	120
Selenium	DETSC 2301#	0.5	mg/kg	< 0.5	< 0.5	< 0.5	0.6	0.9	1.7
Zinc	DETSC 2301#	1	mg/kg	450	93	550	390	1600	2000
Inorganics									
Loss on Ignition at 440oC	DETSC 2003#	0.01	%						
pH	DETSC 2008#			5.9	7.5	7.1	6.7	7.1	5.8
Cyanide, Total	DETSC 2130#	0.1	mg/kg	1.5	0.3	2.8	1.3	12	2.4
Total Organic Carbon	DETSC 2084#	0.5	%	35	4.2	33	23	40	40
Organic Matter (by calculation)	*	0.1	%	22	5.8	15	9.9	23	15
Sulphide	DETSC 2024*	10	mg/kg	160	36	190	60	330	20
Sulphate as SO4, Total	DETSC 2321#	0.01	%	0.21	0.07	0.26	0.09	0.32	0.18
Petroleum Hydrocarbons									
Aliphatic C5-C6	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic C6-C8	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic C8-C10	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic C10-C12	DETSC 3072#	1.5	mg/kg	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Aliphatic C12-C16	DETSC 3072#	1.2	mg/kg	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Aliphatic C16-C21	DETSC 3072#	1.5	mg/kg	< 1.5	< 1.5	13	< 1.5	< 1.5	64
Aliphatic C16-C35	DETSC 3072#	4.9	mg/kg	< 4.9	< 4.9	69	< 4.9	< 4.9	370
Aliphatic C21-C35	DETSC 3072#	3.4	mg/kg	< 3.4	< 3.4	56	< 3.4	< 3.4	300
Aliphatic C5-C35	DETSC 3072*	10	mg/kg	< 10	< 10	69	< 10	< 10	370
Aromatic C5-C7	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic C7-C8	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic C8-C10	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic C10-C12	DETSC 3072#	0.9	mg/kg	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Aromatic C12-C16	DETSC 3072#	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	2.6
Aromatic C16-C21	DETSC 3072#	0.6	mg/kg	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	90
Aromatic C21-C35	DETSC 3072#	1.4	mg/kg	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	450
Aromatic C5-C35	DETSC 3072*	10	mg/kg	< 10	< 10	< 10	< 10	< 10	540
TPH Ali/Aro Total	DETSC 3072*	10	mg/kg	< 10	< 10	69	< 10	< 10	910

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Summary of Chemical Analysis
Soil Samples

Our Ref 18-18516
Client Ref P17-486
Contract Title (P17-486) Initiative Road

			Lab No	1374968	1374969	1374970	1374971	1374972	1374973
			Sample ID	TP18	TP19	TP19	TP20	TP20	TP21
			Depth	2.90	0.20	1.90	0.90	2.00	0.70
			Other ID						
			Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampling Date	25/07/18	26/07/18	26/07/18	26/07/18	26/07/18	26/07/18
			Sampling Time	n/s	n/s	n/s	n/s	n/s	n/s
Test	**Method**	**LOD**	**Units**						
PAHs									
Naphthalene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	0.1
Fluorene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phenanthrene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	0.1	0.2	< 0.1
Anthracene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Fluoranthene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	0.4	0.6	0.2
Pyrene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	0.6	0.7	0.3
Benzo(a)anthracene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	0.3	0.3	0.2
Chrysene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	0.3	0.2	0.4
Benzo(b)fluoranthene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	0.3	0.3	0.3
Benzo(k)fluoranthene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	0.2	< 0.1	0.2
Benzo(a)pyrene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	0.3	0.3	0.3
Indeno(1,2,3-c,d)pyrene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dibenzo(a,h)anthracene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(g,h,i)perylene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
PAH Total	DETSC 3301	1.6	mg/kg	< 1.6	< 1.6	< 1.6	2.6	2.7	2.2
Phenols									
Phenol - Monohydric	DETSC 2130#	0.3	mg/kg	1.2	< 0.3	0.6	0.4	0.8	< 0.3

Summary of Chemical Analysis
Soil Samples

Our Ref 18-18516
Client Ref P17-486
Contract Title (P17-486) Initiative Road

			Lab No	1374974	1374975	1374976	1374977	1374978	1374979
			Sample ID	TP21	TP21	TP22	TP22	TP23	TP23
			Depth	2.50	3.20	0.60	1.80	1.00	2.00
			Other ID						
			Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampling Date	26/07/18	26/07/18	26/07/18	26/07/18	26/07/18	26/07/18
			Sampling Time	n/s	n/s	n/s	n/s	n/s	n/s
Test	**Method**	**LOD**	**Units**						
Preparation									
Moisture Content	DETSC 1004	0.1	%	37	79	16	8.3	30	8.2
Metals									
Arsenic	DETSC 2301#	0.2	mg/kg	25	10	3.4	3.6	6.2	3.4
Boron, Water Soluble	DETSC 2123#	0.2	mg/kg	3.3	8.1	0.9	1.1	0.7	0.6
Cadmium	DETSC 2301#	0.1	mg/kg	1.8	1.3	< 0.1	0.2	0.2	0.2
Chromium	DETSC 2301#	0.15	mg/kg	34	20	23	16	27	27
Chromium, Hexavalent	DETSC 2204*	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Copper	DETSC 2301#	0.2	mg/kg	200	180	25	23	25	28
Lead	DETSC 2301#	0.3	mg/kg	1400	360	23	14	27	13
Mercury	DETSC 2325#	0.05	mg/kg	0.73	0.90	< 0.05	< 0.05	< 0.05	< 0.05
Nickel	DETSC 2301#	1	mg/kg	78	65	21	23	31	32
Selenium	DETSC 2301#	0.5	mg/kg	0.6	2.6	< 0.5	< 0.5	< 0.5	< 0.5
Zinc	DETSC 2301#	1	mg/kg	950	960	81	71	68	100
Inorganics									
Loss on Ignition at 440oC	DETSC 2003#	0.01	%						
pH	DETSC 2008#			8.0	6.7	6.5	7.8	7.1	8.4
Cyanide, Total	DETSC 2130#	0.1	mg/kg	1.8	1.0	< 0.1	< 0.1	< 0.1	< 0.1
Total Organic Carbon	DETSC 2084#	0.5	%	26	43	1.2	3.9	3.1	2.7
Organic Matter (by calculation)	*	0.1	%	15	22	2.2	5.6	4.8	4.0
Sulphide	DETSC 2024*	10	mg/kg	130	68	44	< 10	< 10	24
Sulphate as SO4, Total	DETSC 2321#	0.01	%	0.25	0.28	0.02	0.06	0.03	0.07
Petroleum Hydrocarbons									
Aliphatic C5-C6	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic C6-C8	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic C8-C10	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic C10-C12	DETSC 3072#	1.5	mg/kg	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Aliphatic C12-C16	DETSC 3072#	1.2	mg/kg	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Aliphatic C16-C21	DETSC 3072#	1.5	mg/kg	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Aliphatic C16-C35	DETSC 3072#	4.9	mg/kg	< 4.9	< 4.9	< 4.9	< 4.9	< 4.9	< 4.9
Aliphatic C21-C35	DETSC 3072#	3.4	mg/kg	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4
Aliphatic C5-C35	DETSC 3072*	10	mg/kg	< 10	< 10	< 10	< 10	< 10	< 10
Aromatic C5-C7	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic C7-C8	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic C8-C10	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic C10-C12	DETSC 3072#	0.9	mg/kg	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Aromatic C12-C16	DETSC 3072#	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aromatic C16-C21	DETSC 3072#	0.6	mg/kg	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
Aromatic C21-C35	DETSC 3072#	1.4	mg/kg	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4
Aromatic C5-C35	DETSC 3072*	10	mg/kg	< 10	< 10	< 10	< 10	< 10	< 10
TPH Ali/Aro Total	DETSC 3072*	10	mg/kg	< 10	< 10	< 10	< 10	< 10	< 10

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Summary of Chemical Analysis
Soil Samples

Our Ref 18-18516
Client Ref P17-486
Contract Title (P17-486) Initiative Road

			Lab No	1374974	1374975	1374976	1374977	1374978	1374979
			Sample ID	TP21	TP21	TP22	TP22	TP23	TP23
			Depth	2.50	3.20	0.60	1.80	1.00	2.00
			Other ID						
			Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampling Date	26/07/18	26/07/18	26/07/18	26/07/18	26/07/18	26/07/18
			Sampling Time	n/s	n/s	n/s	n/s	n/s	n/s
Test	**Method**	**LOD**	**Units**						
PAHs									
Naphthalene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Fluorene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phenanthrene	DETSC 3301	0.1	mg/kg	< 0.1	1.0	< 0.1	< 0.1	< 0.1	< 0.1
Anthracene	DETSC 3301	0.1	mg/kg	< 0.1	0.3	< 0.1	< 0.1	< 0.1	< 0.1
Fluoranthene	DETSC 3301	0.1	mg/kg	< 0.1	1.7	< 0.1	< 0.1	< 0.1	< 0.1
Pyrene	DETSC 3301	0.1	mg/kg	< 0.1	1.8	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(a)anthracene	DETSC 3301	0.1	mg/kg	< 0.1	0.8	< 0.1	< 0.1	< 0.1	< 0.1
Chrysene	DETSC 3301	0.1	mg/kg	< 0.1	1.3	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(b)fluoranthene	DETSC 3301	0.1	mg/kg	< 0.1	0.9	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(k)fluoranthene	DETSC 3301	0.1	mg/kg	< 0.1	0.6	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(a)pyrene	DETSC 3301	0.1	mg/kg	< 0.1	0.9	< 0.1	< 0.1	< 0.1	< 0.1
Indeno(1,2,3-c,d)pyrene	DETSC 3301	0.1	mg/kg	< 0.1	1.1	< 0.1	< 0.1	< 0.1	< 0.1
Dibenzo(a,h)anthracene	DETSC 3301	0.1	mg/kg	< 0.1	0.3	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(g,h,i)perylene	DETSC 3301	0.1	mg/kg	< 0.1	0.5	< 0.1	< 0.1	< 0.1	< 0.1
PAH Total	DETSC 3301	1.6	mg/kg	< 1.6	11	< 1.6	< 1.6	< 1.6	< 1.6
Phenols									
Phenol - Monohydric	DETSC 2130#	0.3	mg/kg	0.4	1.0	< 0.3	< 0.3	< 0.3	< 0.3

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Summary of Chemical Analysis
Soil Samples

Our Ref 18-18516
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			Lab No	1374980	1374981	1374982	1374983	1374984	1374985
			Sample ID	TP24	TP24	TP25A	TP25A	TP25A	TP26
			Depth	1.50	2.50	0.20	0.80	1.80	1.40
			Other ID						
			Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampling Date	26/07/18	26/07/18	26/07/18	26/07/18	26/07/18	26/07/18
			Sampling Time	n/s	n/s	n/s	n/s	n/s	n/s
Test	**Method**	**LOD**	**Units**						
Preparation									
Moisture Content	DETSC 1004	0.1	%	12	15	8.5	17	9.7	23
Metals									
Arsenic	DETSC 2301#	0.2	mg/kg	3.2	3.7	6.6	3.3	4.8	3.5
Boron, Water Soluble	DETSC 2123#	0.2	mg/kg	0.8	0.7	1.4	0.9	0.6	0.6
Cadmium	DETSC 2301#	0.1	mg/kg	< 0.1	< 0.1	0.2	< 0.1	0.2	< 0.1
Chromium	DETSC 2301#	0.15	mg/kg	16	15	32	17	15	27
Chromium, Hexavalent	DETSC 2204*	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Copper	DETSC 2301#	0.2	mg/kg	16	15	54	14	19	24
Lead	DETSC 2301#	0.3	mg/kg	12	12	87	10	19	14
Mercury	DETSC 2325#	0.05	mg/kg	< 0.05	< 0.05	0.11	< 0.05	< 0.05	< 0.05
Nickel	DETSC 2301#	1	mg/kg	19	18	32	19	21	33
Selenium	DETSC 2301#	0.5	mg/kg	< 0.5	< 0.5	0.5	< 0.5	< 0.5	< 0.5
Zinc	DETSC 2301#	1	mg/kg	45	45	130	40	100	61
Inorganics									
Loss on Ignition at 440oC	DETSC 2003#	0.01	%						
pH	DETSC 2008#			7.6	7.9	8.0	7.1	8.0	7.0
Cyanide, Total	DETSC 2130#	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Total Organic Carbon	DETSC 2084#	0.5	%	2.1	2.0	7.2	1.7	2.6	1.8
Organic Matter (by calculation)	*	0.1	%	4.4	3.5	5.4	2.8	5.4	2.8
Sulphide	DETSC 2024*	10	mg/kg	< 10	16	130	12	56	24
Sulphate as SO4, Total	DETSC 2321#	0.01	%	0.05	0.05	0.10	0.03	0.08	0.06
Petroleum Hydrocarbons									
Aliphatic C5-C6	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic C6-C8	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic C8-C10	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic C10-C12	DETSC 3072#	1.5	mg/kg	< 1.5	< 1.5	18	< 1.5	< 1.5	< 1.5
Aliphatic C12-C16	DETSC 3072#	1.2	mg/kg	< 1.2	< 1.2	29	< 1.2	< 1.2	< 1.2
Aliphatic C16-C21	DETSC 3072#	1.5	mg/kg	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Aliphatic C16-C35	DETSC 3072#	4.9	mg/kg	< 4.9	< 4.9	31	< 4.9	< 4.9	< 4.9
Aliphatic C21-C35	DETSC 3072#	3.4	mg/kg	< 3.4	< 3.4	30	< 3.4	< 3.4	< 3.4
Aliphatic C5-C35	DETSC 3072*	10	mg/kg	< 10	< 10	78	< 10	< 10	< 10
Aromatic C5-C7	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic C7-C8	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic C8-C10	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic C10-C12	DETSC 3072#	0.9	mg/kg	< 0.9	< 0.9	11	< 0.9	< 0.9	< 0.9
Aromatic C12-C16	DETSC 3072#	0.5	mg/kg	< 0.5	< 0.5	26	< 0.5	< 0.5	< 0.5
Aromatic C16-C21	DETSC 3072#	0.6	mg/kg	< 0.6	< 0.6	45	< 0.6	< 0.6	< 0.6
Aromatic C21-C35	DETSC 3072#	1.4	mg/kg	< 1.4	< 1.4	210	< 1.4	< 1.4	< 1.4
Aromatic C5-C35	DETSC 3072*	10	mg/kg	< 10	< 10	290	< 10	< 10	< 10
TPH Ali/Aro Total	DETSC 3072*	10	mg/kg	< 10	< 10	370	< 10	< 10	< 10

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Summary of Chemical Analysis
Soil Samples

Our Ref 18-18516
Client Ref P17-486
Contract Title (P17-486) Initiative Road

			Lab No	1374980	1374981	1374982	1374983	1374984	1374985
			Sample ID	TP24	TP24	TP25A	TP25A	TP25A	TP26
			Depth	1.50	2.50	0.20	0.80	1.80	1.40
			Other ID						
			Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampling Date	26/07/18	26/07/18	26/07/18	26/07/18	26/07/18	26/07/18
			Sampling Time	n/s	n/s	n/s	n/s	n/s	n/s
Test	**Method**	**LOD**	**Units**						
PAHs									
Naphthalene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	0.1	< 0.1	< 0.1	< 0.1
Fluorene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phenanthrene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	0.7	< 0.1	< 0.1	< 0.1
Anthracene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	0.3	< 0.1	< 0.1	< 0.1
Fluoranthene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	1.4	< 0.1	< 0.1	< 0.1
Pyrene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	1.4	< 0.1	< 0.1	< 0.1
Benzo(a)anthracene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	0.8	< 0.1	< 0.1	< 0.1
Chrysene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	0.8	< 0.1	< 0.1	< 0.1
Benzo(b)fluoranthene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	0.7	< 0.1	< 0.1	< 0.1
Benzo(k)fluoranthene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	0.4	< 0.1	< 0.1	< 0.1
Benzo(a)pyrene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	1.1	< 0.1	< 0.1	< 0.1
Indeno(1,2,3-c,d)pyrene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	0.7	< 0.1	< 0.1	< 0.1
Dibenzo(a,h)anthracene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	0.1	< 0.1	< 0.1	< 0.1
Benzo(g,h,i)perylene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	0.6	< 0.1	< 0.1	< 0.1
PAH Total	DETSC 3301	1.6	mg/kg	< 1.6	< 1.6	9.2	< 1.6	< 1.6	< 1.6
Phenols									
Phenol - Monohydric	DETSC 2130#	0.3	mg/kg	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3

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Summary of Chemical Analysis
Soil Samples

Our Ref 18-18516
Client Ref P17-486
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			Lab No	1374986	1374987	1374988	1374989	1374990	1374991
			Sample ID	TP27	TP27	TP28	TP28	TP29	TP29
			Depth	0.50	1.20	1.40	2.20	0.30	2.10
			Other ID						
			Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampling Date	26/07/18	26/07/18	26/07/18	26/07/18	26/07/18	26/07/18
			Sampling Time	n/s	n/s	n/s	n/s	n/s	n/s
Test	**Method**	**LOD**	**Units**						
Preparation									
Moisture Content	DETSC 1004	0.1	%	9.4	40	74	20	10	35
Metals									
Arsenic	DETSC 2301#	0.2	mg/kg	6.1	5.3	3.8	4.4	7.0	4.6
Boron, Water Soluble	DETSC 2123#	0.2	mg/kg	0.9	1.6	2.3	0.5	1.1	1.7
Cadmium	DETSC 2301#	0.1	mg/kg	< 0.1	0.1	0.2	< 0.1	0.3	0.2
Chromium	DETSC 2301#	0.15	mg/kg	31	24	19	25	21	39
Chromium, Hexavalent	DETSC 2204*	1	mg/kg	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
Copper	DETSC 2301#	0.2	mg/kg	26	27	22	21	37	33
Lead	DETSC 2301#	0.3	mg/kg	37	13	13	11	53	49
Mercury	DETSC 2325#	0.05	mg/kg	< 0.05	< 0.05	< 0.05	< 0.05	0.10	0.10
Nickel	DETSC 2301#	1	mg/kg	49	29	26	32	28	53
Selenium	DETSC 2301#	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Zinc	DETSC 2301#	1	mg/kg	71	67	81	63	220	96
Inorganics									
Loss on Ignition at 440oC	DETSC 2003#	0.01	%						
pH	DETSC 2008#			7.7	6.1	6.0	7.0	6.4	6.7
Cyanide, Total	DETSC 2130#	0.1	mg/kg	< 0.1	< 0.1	0.2	< 0.1	0.2	0.4
Total Organic Carbon	DETSC 2084#	0.5	%	3.8	5.6	13	1.4	5.2	5.9
Organic Matter (by calculation)	*	0.1	%	4.2	11	22	2.0	7.9	6.1
Sulphide	DETSC 2024*	10	mg/kg	24	36	64	16	20	40
Sulphate as SO4, Total	DETSC 2321#	0.01	%	0.06	0.55	0.45	0.06	0.07	0.10
Petroleum Hydrocarbons									
Aliphatic C5-C6	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic C6-C8	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic C8-C10	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aliphatic C10-C12	DETSC 3072#	1.5	mg/kg	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Aliphatic C12-C16	DETSC 3072#	1.2	mg/kg	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2
Aliphatic C16-C21	DETSC 3072#	1.5	mg/kg	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5
Aliphatic C16-C35	DETSC 3072#	4.9	mg/kg	< 4.9	< 4.9	< 4.9	< 4.9	< 4.9	< 4.9
Aliphatic C21-C35	DETSC 3072#	3.4	mg/kg	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4	< 3.4
Aliphatic C5-C35	DETSC 3072*	10	mg/kg	< 10	< 10	< 10	< 10	< 10	< 10
Aromatic C5-C7	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic C7-C8	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic C8-C10	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Aromatic C10-C12	DETSC 3072#	0.9	mg/kg	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9
Aromatic C12-C16	DETSC 3072#	0.5	mg/kg	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Aromatic C16-C21	DETSC 3072#	0.6	mg/kg	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6	< 0.6
Aromatic C21-C35	DETSC 3072#	1.4	mg/kg	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4
Aromatic C5-C35	DETSC 3072*	10	mg/kg	< 10	< 10	< 10	< 10	< 10	< 10
TPH Ali/Aro Total	DETSC 3072*	10	mg/kg	< 10	< 10	< 10	< 10	< 10	< 10

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Summary of Chemical Analysis
Soil Samples

Our Ref 18-18516
Client Ref P17-486
Contract Title (P17-486) Initiative Road

			Lab No	1374986	1374987	1374988	1374989	1374990	1374991
			Sample ID	TP27	TP27	TP28	TP28	TP29	TP29
			Depth	0.50	1.20	1.40	2.20	0.30	2.10
			Other ID						
			Sample Type	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
			Sampling Date	26/07/18	26/07/18	26/07/18	26/07/18	26/07/18	26/07/18
			Sampling Time	n/s	n/s	n/s	n/s	n/s	n/s
Test	**Method**	**LOD**	**Units**						
PAHs									
Naphthalene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthylene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Acenaphthene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Fluorene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Phenanthrene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Anthracene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Fluoranthene	DETSC 3301	0.1	mg/kg	0.2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Pyrene	DETSC 3301	0.1	mg/kg	0.4	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(a)anthracene	DETSC 3301	0.1	mg/kg	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Chrysene	DETSC 3301	0.1	mg/kg	0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(b)fluoranthene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(k)fluoranthene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(a)pyrene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Indeno(1,2,3-c,d)pyrene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Dibenzo(a,h)anthracene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Benzo(g,h,i)perylene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
PAH Total	DETSC 3301	1.6	mg/kg	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6
Phenols									
Phenol - Monohydric	DETSC 2130#	0.3	mg/kg	< 0.3	< 0.3	0.9	< 0.3	< 0.3	< 0.3

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Summary of Chemical Analysis
Soil Samples

Our Ref 18-18516
Client Ref P17-486
Contract Title (P17-486) Initiative Road

			Lab No	1374992	1374993	1374994
			Sample ID	TP30	TP30	TP30
			Depth	0.30	1.10	2.40
			Other ID			
			Sample Type	SOIL	SOIL	SOIL
			Sampling Date	26/07/18	26/07/18	26/07/18
			Sampling Time	n/s	n/s	n/s
Test	**Method**	**LOD**	**Units**			
Preparation						
Moisture Content	DETSC 1004	0.1	%	8.8	19	79
Metals						
Arsenic	DETSC 2301#	0.2	mg/kg	3.7	2.4	2.7
Boron, Water Soluble	DETSC 2123#	0.2	mg/kg	0.7	1.4	5.2
Cadmium	DETSC 2301#	0.1	mg/kg	< 0.1	< 0.1	0.1
Chromium	DETSC 2301#	0.15	mg/kg	29	17	10
Chromium, Hexavalent	DETSC 2204*	1	mg/kg	< 1.0	< 1.0	< 1.0
Copper	DETSC 2301#	0.2	mg/kg	18	13	13
Lead	DETSC 2301#	0.3	mg/kg	17	9.4	6.2
Mercury	DETSC 2325#	0.05	mg/kg	< 0.05	< 0.05	< 0.05
Nickel	DETSC 2301#	1	mg/kg	24	18	20
Selenium	DETSC 2301#	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Zinc	DETSC 2301#	1	mg/kg	62	43	46
Inorganics						
Loss on Ignition at 440oC	DETSC 2003#	0.01	%			
pH	DETSC 2008#			6.5	6.6	6.4
Cyanide, Total	DETSC 2130#	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Total Organic Carbon	DETSC 2084#	0.5	%	1.7	2.0	15
Organic Matter (by calculation)	*	0.1	%	2.6	3.2	22
Sulphide	DETSC 2024*	10	mg/kg	< 10	< 10	68
Sulphate as SO4, Total	DETSC 2321#	0.01	%	0.04	0.05	0.22
Petroleum Hydrocarbons						
Aliphatic C5-C6	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01
Aliphatic C6-C8	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01
Aliphatic C8-C10	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01
Aliphatic C10-C12	DETSC 3072#	1.5	mg/kg	< 1.5	< 1.5	< 1.5
Aliphatic C12-C16	DETSC 3072#	1.2	mg/kg	< 1.2	< 1.2	< 1.2
Aliphatic C16-C21	DETSC 3072#	1.5	mg/kg	< 1.5	< 1.5	< 1.5
Aliphatic C16-C35	DETSC 3072#	4.9	mg/kg	< 4.9	< 4.9	< 4.9
Aliphatic C21-C35	DETSC 3072#	3.4	mg/kg	< 3.4	< 3.4	< 3.4
Aliphatic C5-C35	DETSC 3072*	10	mg/kg	< 10	< 10	< 10
Aromatic C5-C7	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01
Aromatic C7-C8	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01
Aromatic C8-C10	DETSC 3321*	0.01	mg/kg	< 0.01	< 0.01	< 0.01
Aromatic C10-C12	DETSC 3072#	0.9	mg/kg	< 0.9	< 0.9	< 0.9
Aromatic C12-C16	DETSC 3072#	0.5	mg/kg	< 0.5	< 0.5	< 0.5
Aromatic C16-C21	DETSC 3072#	0.6	mg/kg	< 0.6	< 0.6	< 0.6
Aromatic C21-C35	DETSC 3072#	1.4	mg/kg	< 1.4	< 1.4	< 1.4
Aromatic C5-C35	DETSC 3072*	10	mg/kg	< 10	< 10	< 10
TPH Ali/Aro Total	DETSC 3072*	10	mg/kg	< 10	< 10	< 10

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Summary of Chemical Analysis
Soil Samples

Our Ref 18-18516
Client Ref P17-486
Contract Title (P17-486) Initiative Road

			Lab No	1374992	1374993	1374994
			Sample ID	TP30	TP30	TP30
			Depth	0.30	1.10	2.40
			Other ID			
			Sample Type	SOIL	SOIL	SOIL
			Sampling Date	26/07/18	26/07/18	26/07/18
			Sampling Time	n/s	n/s	n/s
Test	**Method**	**LOD**	**Units**			
PAHs						
Naphthalene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Acenaphthylene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Acenaphthene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Fluorene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Phenanthrene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Anthracene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Fluoranthene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Pyrene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Benzo(a)anthracene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Chrysene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Benzo(b)fluoranthene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Benzo(k)fluoranthene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Benzo(a)pyrene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Indeno(1,2,3-c,d)pyrene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Dibenzo(a,h)anthracene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1
Benzo(g,h,i)perylene	DETSC 3301	0.1	mg/kg	< 0.1	< 0.1	< 0.1
PAH Total	DETSC 3301	1.6	mg/kg	< 1.6	< 1.6	< 1.6
Phenols						
Phenol - Monohydric	DETSC 2130#	0.3	mg/kg	< 0.3	< 0.3	1.1

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Summary of Chemical Analysis
Leachate Samples

Our Ref 18-18516
Client Ref P17-486
Contract Title (P17-486) Initiative Road

			Lab No	1374995	1374996	1374997	1374998	1374999	1375000
			Sample ID	TP01	TP04	TP05	TP06	TP08	TP10
			Depth	1.50	2.90	0.80	2.60	1.60	1.80
			Other ID						
			Sample Type	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE
			Sampling Date	24/07/18	24/07/18	24/07/18	24/07/18	24/07/18	25/07/18
			Sampling Time	n/s	n/s	n/s	n/s	n/s	n/s
Test	**Method**	**LOD**	**Units**						
Preparation									
Leachate 2:1 250g Non-WAC	DETS 036*			Y	Y	Y	Y	Y	Y
Metals									
Arsenic, Dissolved	DETSC 2306	0.16	ug/l	2.3	1.8	0.99	3.6	1.3	2.0
Cadmium, Dissolved	DETSC 2306	0.03	ug/l	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
Calcium, Dissolved	DETSC 2306	0.09	mg/l	8.3	3.3	8.6	6.0	18	19
Chromium, Dissolved	DETSC 2306	0.25	ug/l	< 0.25	0.45	0.36	0.29	< 0.25	< 0.25
Copper, Dissolved	DETSC 2306	0.4	ug/l	2.3	7.7	2.3	3.5	2.0	1.0
Lead, Dissolved	DETSC 2306	0.09	ug/l	0.41	4.5	0.94	2.3	0.11	0.43
Magnesium, Dissolved	DETSC 2306	0.02	mg/l	3.5	0.91	2.8	1.6	4.2	4.3
Mercury, Dissolved	DETSC 2306	0.01	ug/l	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Nickel, Dissolved	DETSC 2306	0.5	ug/l	0.8	1.6	1.4	1.2	1.3	1.0
Selenium, Dissolved	DETSC 2306	0.25	ug/l	0.36	0.45	0.58	< 0.25	1.3	0.44
Zinc, Dissolved	DETSC 2306	1.3	ug/l	< 1.3	2.9	1.3	2.6	1.6	< 1.3
Inorganics									
Hardness	DETSC 2303	0.1	mg/l	35.0	12.1	32.9	21.5	62.1	64.0
Sulphate as SO4	DETSC 2055	0.1	mg/l	50	25	21	21	54	15
Sulphide	DETSC 2208	10	ug/l	< 10	< 10	< 10	< 10	< 10	< 10
Phenols									
Phenol	DETSC 3451*	0.5	ug/l	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

Key: * -not accredited. n/s -not supplied.

Summary of Chemical Analysis
Leachate Samples

Our Ref 18-18516
Client Ref P17-486
Contract Title (P17-486) Initiative Road

			Lab No	1375001	1375002	1375003	1375004	1375005	1375006
			Sample ID	TP11	TP14	TP15	TP15	TP17	TP18
			Depth	1.90	3.80	0.70	2.60	0.50	2.90
			Other ID						
			Sample Type	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE
			Sampling Date	25/07/18	25/07/18	25/07/18	25/07/18	25/07/18	25/07/18
			Sampling Time	n/s	n/s	n/s	n/s	n/s	n/s
Test	**Method**	**LOD**	**Units**						
Preparation									
Leachate 2:1 250g Non-WAC	DETS 036*			Y	Y	Y	Y	Y	Y
Metals									
Arsenic, Dissolved	DETSC 2306	0.16	ug/l	1.5	1.6	2.3	2.5	0.62	0.90
Cadmium, Dissolved	DETSC 2306	0.03	ug/l	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03
Calcium, Dissolved	DETSC 2306	0.09	mg/l	13	8.0	0.71	0.24	0.90	1.3
Chromium, Dissolved	DETSC 2306	0.25	ug/l	< 0.25	< 0.25	< 0.25	0.67	0.40	< 0.25
Copper, Dissolved	DETSC 2306	0.4	ug/l	2.7	3.7	1.3	26	3.9	27
Lead, Dissolved	DETSC 2306	0.09	ug/l	0.24	0.20	0.14	3.1	0.62	7.4
Magnesium, Dissolved	DETSC 2306	0.02	mg/l	3.3	2.6	0.69	0.12	0.46	0.66
Mercury, Dissolved	DETSC 2306	0.01	ug/l	< 0.01	< 0.01	< 0.01	0.01	< 0.01	< 0.01
Nickel, Dissolved	DETSC 2306	0.5	ug/l	1.1	0.9	< 0.5	2.5	0.7	1.3
Selenium, Dissolved	DETSC 2306	0.25	ug/l	0.31	0.73	0.60	0.55	0.56	< 0.25
Zinc, Dissolved	DETSC 2306	1.3	ug/l	< 1.3	7.2	1.8	4.1	2.2	7.1
Inorganics									
Hardness	DETSC 2303	0.1	mg/l	46.7	30.6	4.62	1.09	4.15	6.01
Sulphate as SO4	DETSC 2055	0.1	mg/l	22	38	6.0	7.0	4.9	5.2
Sulphide	DETSC 2208	10	ug/l	< 10	< 10	< 10	< 10	< 10	< 10
Phenols									
Phenol	DETSC 3451*	0.5	ug/l	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

Key: * -not accredited. n/s -not supplied.

Summary of Chemical Analysis
Leachate Samples

Our Ref 18-18516
Client Ref P17-486
Contract Title (P17-486) Initiative Road

			Lab No	1375007	1375008	1375009	1375010	1375011	1375012
			Sample ID	TP20	TP21	TP21	TP27	TP28	TP29
			Depth	0.90	2.50	3.20	1.20	2.20	0.30
			Other ID						
			Sample Type	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE	LEACHATE
			Sampling Date	26/07/18	26/07/18	26/07/18	26/07/18	26/07/18	26/07/18
			Sampling Time	n/s	n/s	n/s	n/s	n/s	n/s
Test	**Method**	**LOD**	**Units**						
Preparation									
Leachate 2:1 250g Non-WAC	DETS 036*			Y	Y	Y	Y	Y	Y
Metals									
Arsenic, Dissolved	DETSC 2306	0.16	ug/l	2.1	0.77	0.98	0.60	0.19	0.33
Cadmium, Dissolved	DETSC 2306	0.03	ug/l	< 0.03	< 0.03	< 0.03	0.03	< 0.03	< 0.03
Calcium, Dissolved	DETSC 2306	0.09	mg/l	13	10	2.3	25	1.2	0.98
Chromium, Dissolved	DETSC 2306	0.25	ug/l	< 0.25	< 0.25	0.26	< 0.25	0.42	< 0.25
Copper, Dissolved	DETSC 2306	0.4	ug/l	3.3	3.2	59	8.7	3.0	3.5
Lead, Dissolved	DETSC 2306	0.09	ug/l	0.22	0.18	2.8	0.43	0.73	0.32
Magnesium, Dissolved	DETSC 2306	0.02	mg/l	4.6	3.0	0.89	14	0.90	0.37
Mercury, Dissolved	DETSC 2306	0.01	ug/l	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Nickel, Dissolved	DETSC 2306	0.5	ug/l	1.0	0.5	1.5	1.3	0.8	0.5
Selenium, Dissolved	DETSC 2306	0.25	ug/l	0.39	0.30	0.27	1.4	< 0.25	< 0.25
Zinc, Dissolved	DETSC 2306	1.3	ug/l	2.2	2.9	15	37	1.4	3.2
Inorganics									
Hardness	DETSC 2303	0.1	mg/l	50.2	38.4	9.45	120	6.74	3.98
Sulphate as SO4	DETSC 2055	0.1	mg/l	52	24	12	32	14	2.2
Sulphide	DETSC 2208	10	ug/l	< 10	< 10	< 10	< 10	< 10	< 10
Phenols									
Phenol	DETSC 3451*	0.5	ug/l	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50

Key: * -not accredited. n/s -not supplied.

Summary of Chemical Analysis
Leachate Samples

Our Ref 18-18516
Client Ref P17-486
Contract Title (P17-486) Initiative Road

Lab No	1375013
Sample ID	TP30
Depth	2.40
Other ID	
Sample Type	LEACHATE
Sampling Date	26/07/18
Sampling Time	n/s

Test	Method	LOD	Units	
Preparation				
Leachate 2:1 250g Non-WAC	DETS 036*			Y
Metals				
Arsenic, Dissolved	DETSC 2306	0.16	ug/l	0.67
Cadmium, Dissolved	DETSC 2306	0.03	ug/l	< 0.03
Calcium, Dissolved	DETSC 2306	0.09	mg/l	3.8
Chromium, Dissolved	DETSC 2306	0.25	ug/l	0.58
Copper, Dissolved	DETSC 2306	0.4	ug/l	13
Lead, Dissolved	DETSC 2306	0.09	ug/l	3.0
Magnesium, Dissolved	DETSC 2306	0.02	mg/l	1.7
Mercury, Dissolved	DETSC 2306	0.01	ug/l	< 0.01
Nickel, Dissolved	DETSC 2306	0.5	ug/l	3.0
Selenium, Dissolved	DETSC 2306	0.25	ug/l	0.88
Zinc, Dissolved	DETSC 2306	1.3	ug/l	6.6
Inorganics				
Hardness	DETSC 2303	0.1	mg/l	16.2
Sulphate as SO4	DETSC 2055	0.1	mg/l	19
Sulphide	DETSC 2208	10	ug/l	< 10
Phenols				
Phenol	DETSC 3451*	0.5	ug/l	< 0.50

Key: * -not accredited. n/s -not supplied.

Summary of Asbestos Analysis
Soil Samples

Our Ref 18-18516
Client Ref P17-486
Contract Title (P17-486) Initiative Road

Lab No	Sample ID	Material Type	Result	Comment*	Analyst
1374932	TP01 0.40	SOIL	NAD	none	A Christodoulou
1374933	TP01 1.50	SOIL	NAD	none	A Christodoulou
1374934	TP01 2.50	SOIL	NAD	none	A Christodoulou
1374935	TP02 1.80	SOIL	NAD	none	A Christodoulou
1374936	TP03 0.30	SOIL	NAD	none	A Christodoulou
1374937	TP03 1.00	SOIL	NAD	none	A Christodoulou
1374938	TP03 1.60	SOIL	NAD	none	A Christodoulou
1374939	TP03 2.80	SOIL	NAD	none	A Christodoulou
1374940	TP04 2.90	SOIL	NAD	none	A Christodoulou
1374941	TP05 0.80	SOIL	NAD	none	A Christodoulou
1374942	TP05 1.70	SOIL	NAD	none	A Christodoulou
1374943	TP05 2.50	SOIL	NAD	none	A Christodoulou
1374944	TP06 0.20	SOIL	NAD	none	A Christodoulou
1374945	TP06 2.60	SOIL	NAD	none	A Christodoulou
1374946	TP07 1.40	SOIL	NAD	none	A Christodoulou
1374947	TP08 0.40	SOIL	NAD	none	A Christodoulou
1374948	TP08 1.60	SOIL	NAD	none	A Christodoulou
1374949	TP08 2.60	SOIL	NAD	none	A Christodoulou
1374950	TP09 0.70	SOIL	NAD	none	A Christodoulou
1374951	TP10 0.80	SOIL	NAD	none	A Christodoulou
1374952	TP10 1.80	SOIL	NAD	none	A Christodoulou
1374953	TP11 0.50	SOIL	NAD	none	A Christodoulou
1374954	TP11 1.90	SOIL	NAD	none	A Christodoulou
1374955	TP12 0.30	SOIL	NAD	none	A Christodoulou
1374956	TP13 1.70	SOIL	NAD	none	A Christodoulou
1374957	TP14 0.10	SOIL	NAD	none	A Christodoulou
1374958	TP14 2.70	SOIL	NAD	none	A Christodoulou
1374959	TP14 3.80	SOIL	NAD	none	A Christodoulou
1374960	TP15 0.70	SOIL	NAD	none	A Christodoulou
1374961	TP15 1.50	SOIL	NAD	none	A Christodoulou
1374962	TP15 2.60	SOIL	NAD	none	A Christodoulou
1374963	TP16 1.80	SOIL	NAD	none	A Christodoulou
1374964	TP17 0.30	SOIL	NAD	none	A Christodoulou
1374965	TP17 0.50	SOIL	NAD	none	A Christodoulou
1374966	TP17 1.70	SOIL	NAD	none	A Christodoulou
1374967	TP18 1.90	SOIL	NAD	none	A Christodoulou
1374968	TP18 2.90	SOIL	NAD	none	A Christodoulou
1374969	TP19 0.20	SOIL	NAD	none	A Christodoulou
1374970	TP19 1.90	SOIL	NAD	none	A Christodoulou
1374971	TP20 0.90	SOIL	NAD	none	A Christodoulou
1374972	TP20 2.00	SOIL	NAD	none	A Christodoulou
1374973	TP21 0.70	SOIL	NAD	none	A Christodoulou
1374974	TP21 2.50	SOIL	NAD	none	A Christodoulou
1374975	TP21 3.20	SOIL	NAD	none	A Christodoulou
1374976	TP22 0.60	SOIL	NAD	none	A Christodoulou
1374977	TP22 1.80	SOIL	NAD	none	A Christodoulou
1374978	TP23 1.00	SOIL	NAD	none	A Christodoulou
1374979	TP23 2.00	SOIL	NAD	none	A Christodoulou

Summary of Asbestos Analysis
Soil Samples

Our Ref 18-18516
Client Ref P17-486
Contract Title (P17-486) Initiative Road

Lab No	Sample ID	Material Type	Result	Comment*	Analyst
1374980	TP24 1.50	SOIL	NAD	none	A Christodoulou
1374981	TP24 2.50	SOIL	NAD	none	A Christodoulou
1374982	TP25A 0.20	SOIL	NAD	none	A Christodoulou
1374983	TP25A 0.80	SOIL	NAD	none	A Christodoulou
1374984	TP25A 1.80	SOIL	NAD	none	A Christodoulou
1374985	TP26 1.40	SOIL	NAD	none	A Christodoulou
1374986	TP27 0.50	SOIL	Amosite	Amosite Present as microscopic bundles	A Christodoulou
1374987	TP27 1.20	SOIL	NAD	none	A Christodoulou
1374988	TP28 1.40	SOIL	NAD	none	A Christodoulou
1374989	TP28 2.20	SOIL	NAD	none	A Christodoulou
1374990	TP29 0.30	SOIL	NAD	none	A Christodoulou
1374991	TP29 2.10	SOIL	NAD	none	A Christodoulou
1374992	TP30 0.30	SOIL	NAD	none	A Christodoulou
1374993	TP30 1.10	SOIL	NAD	none	A Christodoulou
1374994	TP30 2.40	SOIL	NAD	none	A Christodoulou

Crocidolite = Blue Asbestos, Amosite = Brown Asbestos, Chrysotile = White Asbestos. Anthophyllite, Actinolite and Tremolite are other forms of Asbestos. Samples are analysed by DETSC 1101 using polarised light microscopy in accordance with HSG248 and documented in-house methods. NAD = No Asbestos Detected. Where a sample is NAD, the result is based on analysis of at least 2 sub-samples and should be taken to mean 'no asbestos detected in sample'. Key: * -not included in laboratory scope of accreditation.

Information in Support of the Analytical Results

Our Ref 18-18516
Client Ref P17-486
Contract (P17-486) Initiative Road

Containers Received & Deviating Samples

Lab No	Sample ID	Date Sampled	Containers Received	Holding time exceeded for tests	Inappropriate container for tests
1374932	TP01 0.40 SOIL	24/07/18	GJ 250ml, PT 1L	pH + Conductivity (7 days)	
1374933	TP01 1.50 SOIL	24/07/18	GJ 250ml, PT 1L	pH + Conductivity (7 days)	
1374934	TP01 2.50 SOIL	24/07/18	GJ 250ml, PT 1L	pH + Conductivity (7 days)	
1374935	TP02 1.80 SOIL	24/07/18	GJ 250ml, PT 1L	pH + Conductivity (7 days)	
1374936	TP03 0.30 SOIL	24/07/18	GJ 250ml, PT 1L	pH + Conductivity (7 days)	
1374937	TP03 1.00 SOIL	24/07/18	GJ 250ml, PT 1L	pH + Conductivity (7 days)	
1374938	TP03 1.60 SOIL	24/07/18	GJ 250ml, PT 1L	pH + Conductivity (7 days)	
1374939	TP03 2.80 SOIL	24/07/18	GJ 250ml, PT 1L	pH + Conductivity (7 days)	
1374940	TP04 2.90 SOIL	24/07/18	GJ 250ml, PT 1L	pH + Conductivity (7 days)	
1374941	TP05 0.80 SOIL	24/07/18	GJ 250ml, PT 1L	pH + Conductivity (7 days)	
1374942	TP05 1.70 SOIL	24/07/18	GJ 250ml, PT 1L	pH + Conductivity (7 days)	
1374943	TP05 2.50 SOIL	24/07/18	GJ 250ml, PT 1L	pH + Conductivity (7 days)	
1374944	TP06 0.20 SOIL	24/07/18	GJ 250ml, PT 1L	pH + Conductivity (7 days)	
1374945	TP06 2.60 SOIL	24/07/18	GJ 250ml, PT 1L	pH + Conductivity (7 days)	
1374946	TP07 1.40 SOIL	24/07/18	GJ 250ml, PT 1L	pH + Conductivity (7 days)	
1374947	TP08 0.40 SOIL	24/07/18	GJ 250ml, PT 1L	pH + Conductivity (7 days)	
1374948	TP08 1.60 SOIL	24/07/18	GJ 250ml, PT 1L	pH + Conductivity (7 days)	
1374949	TP08 2.60 SOIL	24/07/18	GJ 250ml, PT 1L	pH + Conductivity (7 days)	
1374950	TP09 0.70 SOIL	25/07/18	GJ 250ml, PT 1L	pH + Conductivity (7 days)	
1374951	TP10 0.80 SOIL	25/07/18	GJ 250ml, PT 1L	pH + Conductivity (7 days)	
1374952	TP10 1.80 SOIL	25/07/18	GJ 250ml, PT 1L	pH + Conductivity (7 days)	
1374953	TP11 0.50 SOIL	25/07/18	GJ 250ml, PT 1L	pH + Conductivity (7 days)	
1374954	TP11 1.90 SOIL	25/07/18	GJ 250ml, PT 1L	pH + Conductivity (7 days)	
1374955	TP12 0.30 SOIL	25/07/18	GJ 250ml, PT 1L	pH + Conductivity (7 days)	
1374956	TP13 1.70 SOIL	25/07/18	GJ 250ml, PT 1L	pH + Conductivity (7 days)	
1374957	TP14 0.10 SOIL	25/07/18	GJ 250ml, PT 1L	pH + Conductivity (7 days)	
1374958	TP14 2.70 SOIL	25/07/18	GJ 250ml, PT 1L	pH + Conductivity (7 days)	
1374959	TP14 3.80 SOIL	25/07/18	GJ 250ml, PT 1L	pH + Conductivity (7 days)	
1374960	TP15 0.70 SOIL	25/07/18	GJ 250ml, PT 1L	pH + Conductivity (7 days)	
1374961	TP15 1.50 SOIL	25/07/18	GJ 250ml, PT 1L	pH + Conductivity (7 days)	
1374962	TP15 2.60 SOIL	25/07/18	GJ 250ml, PT 1L	pH + Conductivity (7 days)	
1374963	TP16 1.80 SOIL	25/07/18	GJ 250ml, PT 1L	pH + Conductivity (7 days)	
1374964	TP17 0.30 SOIL	25/07/18	GJ 250ml, PT 1L	pH + Conductivity (7 days)	
1374965	TP17 0.50 SOIL	25/07/18	GJ 250ml, PT 1L	pH + Conductivity (7 days)	
1374966	TP17 1.70 SOIL	25/07/18	GJ 250ml, PT 1L	pH + Conductivity (7 days)	
1374967	TP18 1.90 SOIL	25/07/18	GJ 250ml, PT 1L	pH + Conductivity (7 days)	
1374968	TP18 2.90 SOIL	25/07/18	GJ 250ml, PT 1L	pH + Conductivity (7 days)	
1374969	TP19 0.20 SOIL	26/07/18	GJ 250ml, PT 1L		
1374970	TP19 1.90 SOIL	26/07/18	GJ 250ml, PT 1L		
1374971	TP20 0.90 SOIL	26/07/18	GJ 250ml, PT 1L		
1374972	TP20 2.00 SOIL	26/07/18	GJ 250ml, PT 1L		
1374973	TP21 0.70 SOIL	26/07/18	GJ 250ml, PT 1L		
1374974	TP21 2.50 SOIL	26/07/18	GJ 250ml, PT 1L		
1374975	TP21 3.20 SOIL	26/07/18	GJ 250ml, PT 1L		
1374976	TP22 0.60 SOIL	26/07/18	GJ 250ml, PT 1L		
1374977	TP22 1.80 SOIL	26/07/18	GJ 250ml, PT 1L		
1374978	TP23 1.00 SOIL	26/07/18	GJ 250ml, PT 1L		
1374979	TP23 2.00 SOIL	26/07/18	GJ 250ml, PT 1L		
1374980	TP24 1.50 SOIL	26/07/18	GJ 250ml, PT 1L		

Information in Support of the Analytical Results

Our Ref 18-18516
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Lab No	Sample ID	Date Sampled	Containers Received	Holding time exceeded for tests	Inappropriate container for tests
1374981	TP24 2.50 SOIL	26/07/18	GJ 250ml, PT 1L		
1374982	TP25A 0.20 SOIL	26/07/18	GJ 250ml, PT 1L		
1374983	TP25A 0.80 SOIL	26/07/18	GJ 250ml, PT 1L		
1374984	TP25A 1.80 SOIL	26/07/18	GJ 250ml, PT 1L		
1374985	TP26 1.40 SOIL	26/07/18	GJ 250ml, PT 1L		
1374986	TP27 0.50 SOIL	26/07/18	GJ 250ml, PT 1L		
1374987	TP27 1.20 SOIL	26/07/18	GJ 250ml, PT 1L		
1374988	TP28 1.40 SOIL	26/07/18	GJ 250ml, PT 1L		
1374989	TP28 2.20 SOIL	26/07/18	GJ 250ml, PT 1L		
1374990	TP29 0.30 SOIL	26/07/18	GJ 250ml, PT 1L		
1374991	TP29 2.10 SOIL	26/07/18	GJ 250ml, PT 1L		
1374992	TP30 0.30 SOIL	26/07/18	GJ 250ml, PT 1L		
1374993	TP30 1.10 SOIL	26/07/18	GJ 250ml, PT 1L		
1374994	TP30 2.40 SOIL	26/07/18	GJ 250ml, PT 1L		
1374995	TP01 1.50 LEACHATE	24/07/18	GJ 250ml, PT 1L		
1374996	TP04 2.90 LEACHATE	24/07/18	GJ 250ml, PT 1L		
1374997	TP05 0.80 LEACHATE	24/07/18	GJ 250ml, PT 1L		
1374998	TP06 2.60 LEACHATE	24/07/18	GJ 250ml, PT 1L		
1374999	TP08 1.60 LEACHATE	24/07/18	GJ 250ml, PT 1L		
1375000	TP10 1.80 LEACHATE	25/07/18	GJ 250ml, PT 1L		
1375001	TP11 1.90 LEACHATE	25/07/18	GJ 250ml, PT 1L		
1375002	TP14 3.80 LEACHATE	25/07/18	GJ 250ml, PT 1L		
1375003	TP15 0.70 LEACHATE	25/07/18	GJ 250ml, PT 1L		
1375004	TP15 2.60 LEACHATE	25/07/18	GJ 250ml, PT 1L		
1375005	TP17 0.50 LEACHATE	25/07/18	GJ 250ml, PT 1L		
1375006	TP18 2.90 LEACHATE	25/07/18	GJ 250ml, PT 1L		
1375007	TP20 0.90 LEACHATE	26/07/18	GJ 250ml, PT 1L		
1375008	TP21 2.50 LEACHATE	26/07/18	GJ 250ml, PT 1L		
1375009	TP21 3.20 LEACHATE	26/07/18	GJ 250ml, PT 1L		
1375010	TP27 1.20 LEACHATE	26/07/18	GJ 250ml, PT 1L		
1375011	TP28 2.20 LEACHATE	26/07/18	GJ 250ml, PT 1L		
1375012	TP29 0.30 LEACHATE	26/07/18	GJ 250ml, PT 1L		
1375013	TP30 2.40 LEACHATE	26/07/18	GJ 250ml, PT 1L		

Key: G-Glass P-Plastic J-Jar T-Tub

DETS cannot be held responsible for the integrity of samples received whereby the laboratory did not undertake the sampling. In this instance samples received may be deviating. Deviating Sample criteria are based on British and International standards and laboratory trials in conjunction with the UKAS note 'Guidance on Deviating Samples'. All samples received are listed above. However, those samples that have additional comments in relation to hold time, inappropriate containers etc are deviating due to the reasons stated. This means that the analysis is accredited where applicable, but results may be compromised due to sample deviations. If no sampled date (soils) or date+time (waters) has been supplied then samples are deviating. However, if you are able to supply a sampled date (and time for waters) this will prevent samples being reported as deviating where specific hold times are not exceeded and where the container supplied is suitable.

Information in Support of the Analytical Results

Our Ref 18-18516
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Soil Analysis Notes

Inorganic soil analysis was carried out on a dried sample, crushed to pass a 425µm sieve, in accordance with BS1377.
Organic soil analysis was carried out on an 'as received' sample. Organics results are corrected for moisture and expressed on a dry weight basis.
The Loss on Drying, used to express organics analysis on an air dried basis, is carried out at a temperature of 28°C +/-2°C.

Disposal

From the issue date of this test certificate, samples will be held for the following times prior to disposal :-
Soils - 1 month, Liquids - 2 weeks, Asbestos (test portion) - 6 months