



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
13	<b>BGS Recorded Mineral Sites</b> Site Name: Greyrigg Occs Location: , Avonbridge, Falkirk, Stirlingshire Source: British Geological Survey, National Geoscience Information Service Reference: 1858 Type: Opencast Status: Ceased Operator: Caledon Coal Co Ltd Operator Location: Caledon Coal Co Ltd, Craigend Brickworks, Standburn By Falkirk, Falkirk, Stirlingshire Periodic Type: Carboniferous Geology: Scottish Lower Coal Measures Formation Commodity: Coal - Surface Mined Positional Accuracy: Located by supplier to within 100m	A9NW (SE)	608	4	291100 674100
14	<b>BGS Recorded Mineral Sites</b> Site Name: Hareburn Location: , Avonbridge, Falkirk, Stirlingshire Source: British Geological Survey, National Geoscience Information Service Reference: 52328 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: Central Scotland Late Carboniferous Tholeiitic Dyke Swarm Commodity: Igneous and Metamorphic Rock Positional Accuracy: Located by supplier to within 10m	A8NW (SW)	617	4	290435 674055
15	<b>BGS Recorded Mineral Sites</b> Site Name: East Roughrigg Colliery Pits 1, 2 Location: , California, Falkirk, Stirlingshire Source: British Geological Survey, National Geoscience Information Service Reference: 20169 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: Scottish Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A14NW (E)	639	4	291375 674885
16	<b>BGS Recorded Mineral Sites</b> Site Name: Easter Greencraig Location: , Avonbridge, Falkirk, Stirlingshire Source: British Geological Survey, National Geoscience Information Service Reference: 52329 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: Central Scotland Late Carboniferous Tholeiitic Dyke Swarm Commodity: Igneous and Metamorphic Rock Positional Accuracy: Located by supplier to within 10m	A8SE (SE)	745	4	291075 673930
17	<b>BGS Recorded Mineral Sites</b> Site Name: Craigmad Occs Location: , California, Falkirk, Stirlingshire Source: British Geological Survey, National Geoscience Information Service Reference: 1854 Type: Opencast Status: Ceased Operator: Caledon Coal Co Ltd Operator Location: Caledon Coal Co Ltd, Craigend Brickworks, Standburn By Falkirk, Falkirk, Stirlingshire Periodic Type: Carboniferous Geology: Scottish Lower Coal Measures Formation Commodity: Coal - Surface Mined Positional Accuracy: Located by supplier to within 100m	A18NW (N)	784	4	290500 675400



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
18	<b>BGS Recorded Mineral Sites</b> Site Name: Easter Greencraig Location: , Avonbridge, Falkirk, Stirlingshire Source: British Geological Survey, National Geoscience Information Service Reference: 52330 Type: Opencast Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: Central Scotland Late Carboniferous Tholeiitic Dyke Swarm Commodity: Igneous and Metamorphic Rock Positional Accuracy: Located by supplier to within 10m	A9SW (SE)	854	4	291245 673900
19	<b>BGS Recorded Mineral Sites</b> Site Name: East Roughrigg Colliery Pit No 2 Location: , Standburn, Falkirk, Stirlingshire Source: British Geological Survey, National Geoscience Information Service Reference: 20185 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: Scottish Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A14SE (E)	886	4	291650 674410
20	<b>BGS Recorded Mineral Sites</b> Site Name: Blackrig Occs Location: , California, Falkirk, Stirlingshire Source: British Geological Survey, National Geoscience Information Service Reference: 1852 Type: Opencast Status: Ceased Operator: Caledon Coal Co Ltd Operator Location: Caledon Coal Co Ltd, Craigend Brickworks, Standburn By Falkirk, Falkirk, Stirlingshire Periodic Type: Carboniferous Geology: Scottish Lower Coal Measures Formation Commodity: Coal - Surface Mined Positional Accuracy: Located by supplier to within 100m	A19SW (NE)	891	4	291400 675300
21	<b>BGS Recorded Mineral Sites</b> Site Name: Redding Colliery Pit No 4 Location: , California, Falkirk, Stirlingshire Source: British Geological Survey, National Geoscience Information Service Reference: 20145 Type: Underground Status: Ceased Operator: Unknown Operator Operator Location: Unknown Operator Periodic Type: Carboniferous Geology: Scottish Lower Coal Measures Formation Commodity: Coal - Deep Positional Accuracy: Located by supplier to within 10m	A17SW (NW)	954	4	289920 675160
	<b>BGS Measured Urban Soil Chemistry</b> No data available				
	<b>BGS Urban Soil Chemistry Averages</b> No data available				
	<b>Coal Mining Affected Areas</b> 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.	A13NE (NW)	0	6	290753 674630
	<b>Mining Instability</b> Mining Evidence: Inconclusive Coal Mining Source: Ove Arup & Partners Boundary Quality: As Supplied	A13NE (NW)	0	-	290753 674630



Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Man-Made Mining Cavities</b> Easting: 290600 Northing: 674100 Distance: 512 Quadrant Reference: A8 Quadrant Reference: NW Bearing Ref: S Cavity Type: Not supplied Commodity: Fireclay Solid Geology Detail: No Details Superficial Geology No Details Detail:	A8NW (S)	512	7	290600 674100
	<b>Man-Made Mining Cavities</b> Easting: 290600 Northing: 674100 Distance: 512 Quadrant Reference: A8 Quadrant Reference: NW Bearing Ref: S Cavity Type: Not supplied Commodity: Fireclay Solid Geology Detail: No Details Superficial Geology No Details Detail:	A8NW (S)	512	7	290600 674100
	<b>Man-Made Mining Cavities</b> Easting: 290600 Northing: 674100 Distance: 512 Quadrant Reference: A8 Quadrant Reference: NW Bearing Ref: S Cavity Type: Not supplied Commodity: Fireclay Solid Geology Detail: No Details Superficial Geology No Details Detail:	A8NW (S)	512	7	290600 674100
	<b>Man-Made Mining Cavities</b> Easting: 291100 Northing: 674200 Distance: 524 Quadrant Reference: A9 Quadrant Reference: NW Bearing Ref: SE Cavity Type: Not supplied Commodity: Fireclay Solid Geology Detail: No Details Superficial Geology No Details Detail:	A9NW (SE)	524	7	291100 674200
	<b>Man-Made Mining Cavities</b> Easting: 291100 Northing: 674200 Distance: 524 Quadrant Reference: A9 Quadrant Reference: NW Bearing Ref: SE Cavity Type: Not supplied Commodity: Fireclay Solid Geology Detail: No Details Superficial Geology No Details Detail:	A9NW (SE)	524	7	291100 674200
	<b>Man-Made Mining Cavities</b> Easting: 291100 Northing: 674200 Distance: 524 Quadrant Reference: A9 Quadrant Reference: NW Bearing Ref: SE Cavity Type: Not supplied Commodity: Fireclay Solid Geology Detail: No Details Superficial Geology No Details Detail:	A9NW (SE)	524	7	291100 674200
	<b>Non Coal Mining Areas of Great Britain</b> No Hazard				
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	4	290753 674630

Map ID	Details	Quadrant Reference (Compass Direction)	Estimated Distance From Site	Contact	NGR
	<b>Potential for Collapsible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	247	4	290773 674349
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	4	290743 674647
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	4	290753 674630
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	29	4	290808 674660
	<b>Potential for Compressible Ground Stability Hazards</b> Hazard Potential: High Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	247	4	290773 674349
	<b>Potential for Ground Dissolution Stability Hazards</b> No Hazard				
	<b>Potential for Landslide Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	4	290753 674630
	<b>Potential for Running Sand Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	4	290753 674630
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	4	290753 674630
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: Very Low Source: British Geological Survey, National Geoscience Information Service	A13NW (NW)	0	4	290743 674647
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13NE (NE)	29	4	290808 674660
	<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> Hazard Potential: No Hazard Source: British Geological Survey, National Geoscience Information Service	A13SE (S)	247	4	290773 674349
	<b>Radon Potential - Radon Protection Measures</b> Protection Measure: No radon protective measures are necessary in the construction of new dwellings or extensions Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	4	290753 674630
	<b>Radon Potential - Radon Affected Areas</b> Affected Area: The property is in a lower probability radon area, as less than 1% of homes are above the action level Source: British Geological Survey, National Geoscience Information Service	A13NE (NW)	0	4	290753 674630



<b>Agency &amp; Hydrological</b>	<b>Version</b>	<b>Update Cycle</b>
<b>Contaminated Land Register Entries and Notices</b> West Lothian Council Falkirk District Council	July 2012 October 2012	Annual Rolling Update Annual Rolling Update
<b>Discharge Consents</b> Scottish Environment Protection Agency - East Region	June 2001	Variable
<b>Enforcement and Prohibition Notices</b> Scottish Environment Protection Agency - East Region	January 2012	Not Applicable
<b>Integrated Pollution Controls</b> Scottish Environment Protection Agency - Head Office Scottish Environment Protection Agency - East Region	February 1998 March 2002	Variable Variable
<b>Local Authority Pollution Prevention and Controls</b> Scottish Environment Protection Agency - East Region	March 2002	Variable
<b>Nearest Surface Water Feature</b> Ordnance Survey	July 2012	Quarterly
<b>Prosecutions Relating to Authorised Processes</b> Scottish Environment Protection Agency - East Region	March 2007	Not Applicable
<b>Prosecutions Relating to Controlled Waters</b> Scottish Environment Protection Agency - East Region	March 2007	Not Applicable
<b>Registered Radioactive Substances</b> Scottish Environment Protection Agency - East Region Scottish Environment Protection Agency - Head Office	April 1996 January 1998	Variable Variable
<b>River Quality</b> Scottish Environment Protection Agency - Head Office	December 1990	Not Applicable
<b>Water Abstractions</b> Scottish Executive - Agriculture, Environment and Fisheries Department	December 1997	Not Applicable
<b>Water Industry Act Referrals</b> Scottish Environment Protection Agency - East Region	April 1996	Variable
<b>Groundwater Vulnerability</b> Scottish Environment Protection Agency - Head Office	December 1995	Not Applicable
<b>Drift Deposits</b> Scottish Environment Protection Agency - Head Office	December 1995	Not Applicable



Waste	Version	Update Cycle
<b>BGS Recorded Landfill Sites</b> British Geological Survey - National Geoscience Information Service	June 1996	Not Applicable
<b>Integrated Pollution Control Registered Waste Sites</b> Scottish Environment Protection Agency - Head Office Scottish Environment Protection Agency - East Region	January 1998 March 2002	Variable Variable
<b>Local Authority Landfill Coverage</b> Falkirk District Council West Lothian Council - Environmental Health Department	May 2000 May 2000	Not Applicable Not Applicable
<b>Local Authority Recorded Landfill Sites</b> Falkirk District Council West Lothian Council - Environmental Health Department	May 2000 May 2000	Not Applicable Not Applicable
<b>Registered Landfill Sites</b> Scottish Environment Protection Agency - East Region Scottish Environment Protection Agency - East Region - Perth Office	December 2005 December 2005	Not Applicable Not Applicable
<b>Registered Waste Transfer Sites</b> Scottish Environment Protection Agency - East Region Scottish Environment Protection Agency - East Region - Perth Office	December 2005 December 2005	Not Applicable Not Applicable
<b>Registered Waste Treatment or Disposal Sites</b> Scottish Environment Protection Agency - East Region Scottish Environment Protection Agency - East Region - Perth Office	December 2005 December 2005	Not Applicable Not Applicable
<b>Hazardous Substances</b>	<b>Version</b>	<b>Update Cycle</b>
<b>Control of Major Accident Hazards Sites (COMAH)</b> Health and Safety Executive	October 2012	Bi-Annually
<b>Explosive Sites</b> Health and Safety Executive	June 2012	Bi-Annually
<b>Notification of Installations Handling Hazardous Substances (NIHHS)</b> Health and Safety Executive	November 2000	Not Applicable
<b>Planning Hazardous Substance Enforcements</b> West Lothian Council - Planning Department Falkirk District Council - Planning Department	August 2012 January 2013	Annual Rolling Update Annual Rolling Update
<b>Planning Hazardous Substance Consents</b> West Lothian Council - Planning Department Falkirk District Council - Planning Department	August 2012 January 2013	Annual Rolling Update Annual Rolling Update



<b>Geological</b>	<b>Version</b>	<b>Update Cycle</b>
<b>BGS 1:625,000 Solid Geology</b> British Geological Survey - National Geoscience Information Service	August 1996	Not Applicable
<b>BGS Estimated Soil Chemistry</b> British Geological Survey - National Geoscience Information Service	January 2010	Variable
<b>BGS Recorded Mineral Sites</b> British Geological Survey - National Geoscience Information Service	October 2012	Bi-Annually
<b>Coal Mining Affected Areas</b> The Coal Authority - Mining Report Service	January 2012	As notified
<b>Mining Instability</b> Ove Arup & Partners	October 2000	Not Applicable
<b>Non Coal Mining Areas of Great Britain</b> British Geological Survey - National Geoscience Information Service	February 2011	Not Applicable
<b>Potential for Collapsible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	February 2011	Annually
<b>Potential for Compressible Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	February 2011	Annually
<b>Potential for Ground Dissolution Stability Hazards</b> British Geological Survey - National Geoscience Information Service	February 2011	Annually
<b>Potential for Landslide Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	February 2011	Annually
<b>Potential for Running Sand Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	February 2011	Annually
<b>Potential for Shrinking or Swelling Clay Ground Stability Hazards</b> British Geological Survey - National Geoscience Information Service	February 2011	Annually
<b>Radon Potential - Radon Affected Areas</b> British Geological Survey - National Geoscience Information Service	July 2011	As notified
<b>Radon Potential - Radon Protection Measures</b> British Geological Survey - National Geoscience Information Service	July 2011	As notified
<b>Industrial Land Use</b>	<b>Version</b>	<b>Update Cycle</b>
<b>Contemporary Trade Directory Entries</b> Thomson Directories	November 2012	Quarterly
<b>Fuel Station Entries</b> Catalist Ltd - Experian	November 2012	Quarterly



Sensitive Land Use	Version	Update Cycle
Areas of Adopted Green Belt Falkirk District Council	November 2012	As notified
Areas of Unadopted Green Belt Falkirk District Council	November 2012	As notified
Environmentally Sensitive Areas Scottish Executive - Geographic Information Service	September 2012	Annually
Forest Parks Forestry Commission	April 1997	Not Applicable
Marine Nature Reserves Scottish Natural Heritage	February 2012	Bi-Annually
National Nature Reserves Scottish Natural Heritage	October 2012	Bi-Annually
Nitrate Vulnerable Zones Scottish Executive - Geographic Information Service	April 2011	Annually
Ramsar Sites Scottish Natural Heritage	October 2012	Bi-Annually
Sites of Special Scientific Interest Scottish Natural Heritage	October 2012	Bi-Annually
Special Areas of Conservation Scottish Natural Heritage	October 2012	Bi-Annually
Special Protection Areas Scottish Natural Heritage	October 2012	Bi-Annually





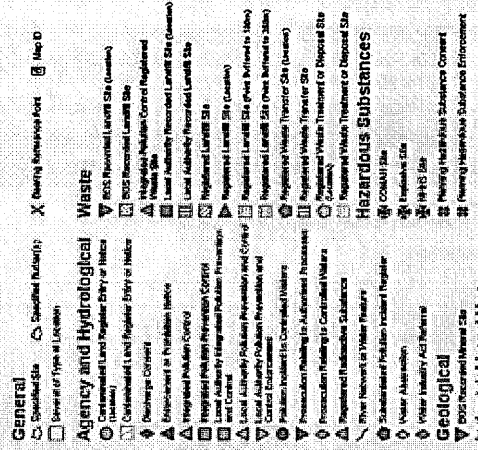
A selection of organisations who provide data within this report

<b>Data Supplier</b>	<b>Data Supplier Logo</b>
Ordnance Survey	
Environment Agency	
Scottish Environment Protection Agency	
The Coal Authority	
British Geological Survey	
Centre for Ecology and Hydrology	
Countryside Council for Wales	
Scottish Natural Heritage	
Natural England	
Health Protection Agency	
Ove Arup	
Peter Brett Associates	



Contact	Name and Address	Contact Details
1	<b>Scottish Environment Protection Agency - East Region</b> Clearwater House, Heriot Watt Research Park, Avenue North, Riccarton, Edinburgh, Midlothian, EH14 4AP	Telephone: 0131 449 7296 Fax: 0131 449 7277
2	<b>Scottish Environment Protection Agency - Head Office</b> Erskine Court, The Castle Business Park, Stirling, Stirlingshire, FK9 4TR	Telephone: 01786 457700 Fax: 01786 446885
3	<b>Falkirk District Council</b> Abbotsford House, David's Loan, Falkirk, Fife, FK2 7HZ	Telephone: 01324 506070 Fax: 01324 506071 Website: <a href="http://www.falkirk.gov.uk">www.falkirk.gov.uk</a>
4	<b>British Geological Survey - Enquiry Service</b> British Geological Survey, Kingsley Dunham Centre, Keyworth, Nottingham, Nottinghamshire, NG12 5GG	Telephone: 0115 936 3143 Fax: 0115 936 3276 Email: <a href="mailto:enquiries@bgs.ac.uk">enquiries@bgs.ac.uk</a> Website: <a href="http://www.bgs.ac.uk">www.bgs.ac.uk</a>
5	<b>Landmark Information Group Limited</b> Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: <a href="mailto:customerservices@landmark.co.uk">customerservices@landmark.co.uk</a> Website: <a href="http://www.landmarkinfo.co.uk">www.landmarkinfo.co.uk</a>
6	<b>The Coal Authority - Mining Report Service</b> 200 Lichfield Lane, Mansfield, Nottinghamshire, NG18 4RG	Telephone: 0845 7626848 Email: <a href="mailto:thecoalauthority@coal.gov.uk">thecoalauthority@coal.gov.uk</a>
7	<b>Peter Brett Associates</b> Caversham Bridge House, Waterman Place, Reading, Berkshire, RG1 8DN	Telephone: 0118 950 0761 Fax: 0118 959 7498 Email: <a href="mailto:reading@pba.co.uk">reading@pba.co.uk</a> Website: <a href="http://www.pba.co.uk">www.pba.co.uk</a>
-	<b>Health Protection Agency - Radon Survey, Centre for Radiation, Chemical and Environmental Hazards</b> Chilton, Didcot, Oxfordshire, OX11 0RQ	Telephone: 01235 822622 Fax: 01235 833891 Email: <a href="mailto:radon@hpa.org.uk">radon@hpa.org.uk</a> Website: <a href="http://www.hpa.org.uk">www.hpa.org.uk</a>
-	<b>Landmark Information Group Limited</b> Imperium, Imperial Way, Reading, Berkshire, RG2 0TD	Telephone: 0844 844 9952 Fax: 0844 844 9951 Email: <a href="mailto:customerservices@landmarkinfo.co.uk">customerservices@landmarkinfo.co.uk</a> Website: <a href="http://www.landmarkinfo.co.uk">www.landmarkinfo.co.uk</a>

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



**Order Details**  
Order Number: 44061571 1-1  
Customer Ref: G2012355  
National Grid Reference: 290750, 674630  
Slice: A  
Site Area (Ha): 0.31

**Site Details**  
Grey Ridge, Callamla, Falkirk







**General**

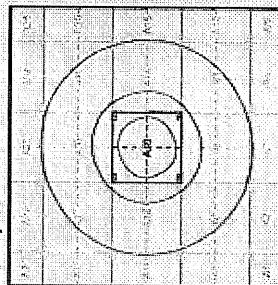
- Standard Site
- Specialized Strategy
- X Flooding Information Point

**Agency and Hydrological (Flood)**

- 0.1m estimated 100yr flood depth
- 1 - 2m estimated 100yr flood depth
- Over 2m estimated 100yr flood depth

The flood depth data shown on this map is based on a hydraulic model of the river and its tributaries. It is not a guarantee of the accuracy of the data. The model is based on the best available information and is subject to change. The model is not a substitute for a detailed site-specific study. The model is not a substitute for a detailed site-specific study.

**Flood Map - Slice A**



**Order Details**

Order Number: 44081571.1  
Customer Ref: C2012/356  
National Grid Reference: 290750, 674630

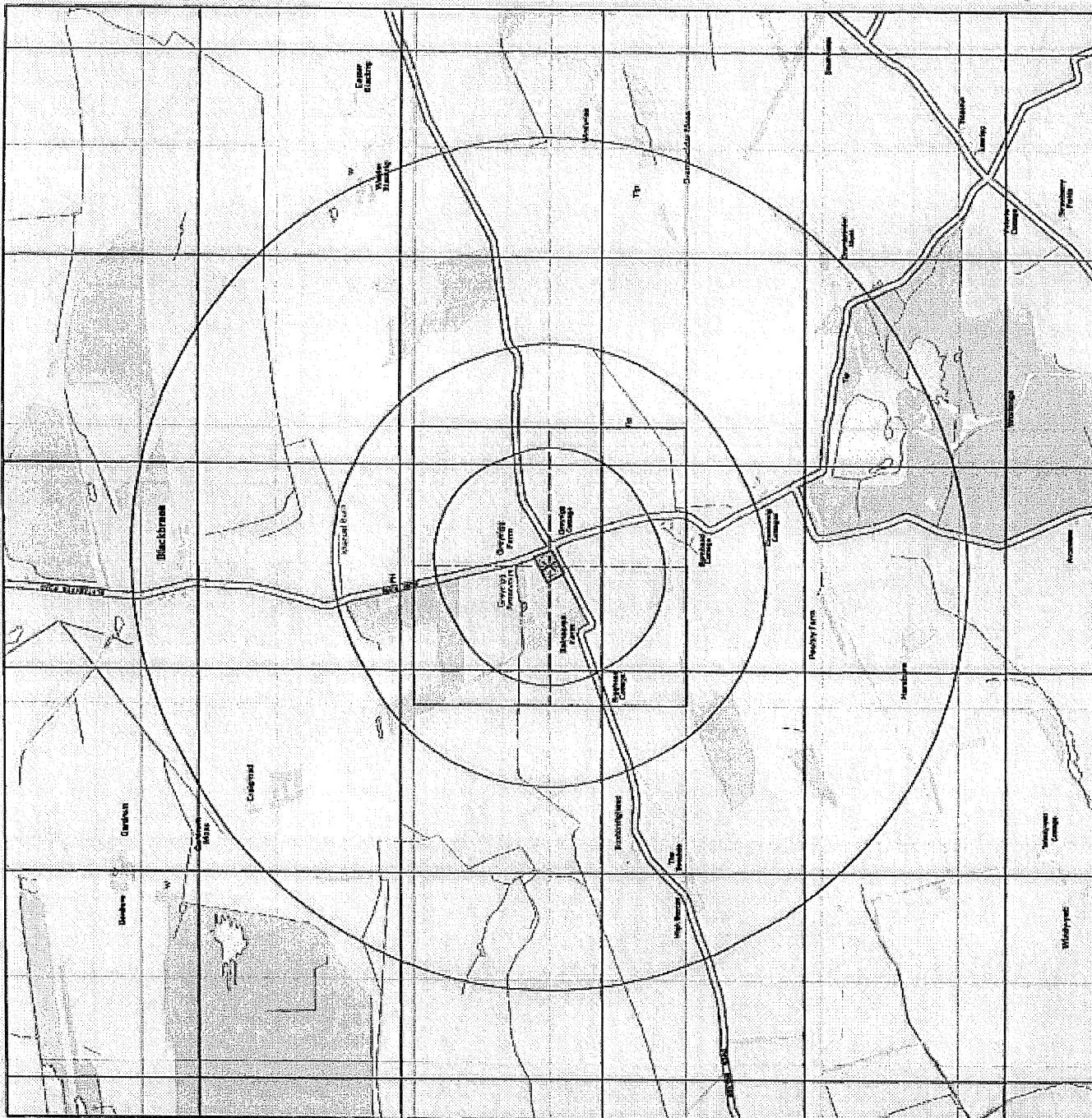
Site: A  
Site Area (ha): 0.31  
Search Buffer (m): 1000

**Site Details**

Grey Riggs, California, Falkirk



Tel: 0844 844 9832  
Fax: 0844 844 9951  
Web: www.environment.co.uk



☐ **Download Data**  
☐ **Download Metadata**  
☒ **Download Metadata and Data**  
☐ **Download All**

- ☒ ECG: Normal (Depth: 15 - 12m)
- ☒ DMS: Normal (Depth: 10 - 30m)
- ☒ ECG: Normal (Depth: 30m +)
- ☒ Cardioactive
- ☐ Other

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



Order Number: 44001571-11  
Customer Ref: Q2012356  
National Grid Reference: 290750, 674630  
Slice: A  
Site Area (Ha): 0.31  
Search Buffer (m): 1000

Grey Riggs, California, Falkirk



Tel: 044 844 9952  
Fax: 044 844 9951  
Web: [www.envalstock.co.uk](http://www.envalstock.co.uk)