Coal Mining Risk Assessment

Client: Lidl Great Britain Ltd

Briton Ferry Road, Neath

Report No: 769.01.03

September 2025

REMADA GEO CONSULTANTS

Executive Summary

Remada Ltd was commissioned by Lidl Great Britain Ltd ('the client') to undertake a Phase 1 Preliminary Risk Assessment for a proposed new store at Briton Ferry Road, Neath SA11 1AS. The objectives of this assessment have been to obtain information relating to the potential legacy of historical coal mining beneath the site and to produce an assessment of those risks in relation to the proposed site development.

This report incorporates the findings of Remada's Phase 1 report for the site (ref: 769.10.01 issued in September 2025) and consequently supersedes report ref: 769.01.02 issued in April 2022.

Site Setting

The study site occupies an irregular (but very broadly triangular) plot to the west of A474 Briton Ferry Road. The site comprises three distinct areas, with a Lidl store present in the south-western area, a separate retail building previously occupied by 'Vitality Health & Fitness' and 'Poundstretcher' in the north-western area, and associated car parking occupying the eastern half of the site. Access to the study site is from School Road on the eastern boundary.

Site History

The earliest available mapping of 1878 and 1881 indicates it to be predominantly occupied by marshland. A railway line associated with the adjacent (off-site) Melin Crythan Works encroaches into the northern margins of the site in an arc. A 'Japan Works' encroaches into the south-western boundary of the site, extending off-site towards the south-west and expanding to occupy the southern half of the site by 1889. The Cryddan Brook bisects the central area of the site and would continue to do so until 1995, when it is no longer shown. By 1919 the railway sidings have expanded into the central area of the site, with rationalisation of these occurring by 1952. Buildings associated with the Melin Crythan Works / Tin Plate Works were constructed in the eastern area of the site in 1882, with the works complex being redeveloped between 1952 and 1958 when a new elongated building was constructed in the north-eastern margins of the site.

Between 1980 and 1987, the majority of the buildings in the southern area of the site are no longer shown, with only a north-west to south-east orientated elongate building still present parallel to Cryddan Brook and still labelled as 'Melyn Works'. A 'tank' of unspecified contents is indicated to be present encroaching into the eastern boundary of the site. By 1989, the majority of the buildings have been removed from the entire site, with only one small rectangular structure remaining adjacent to the eastern boundary. The area to the north of Cryddan Brook was labelled as a Coal Yard. The existing Lidl store building appears to have been constructed between 1993 and 1995, with its associated car park occupying the southern and eastern areas of the site. The Electricity Sub-Station adjacent to the eastern corner first appears in 1995, whilst the two now-defunct retail units in the north-western quadrant appear between the mapping of 1999 and Opus' investigation on-site in 2016.

Published Geology

Published geological maps record that the site is underlain by undivided deposits of Landscaped Ground and superficial Tidal Flat Deposits; the latter being designated as Secondary A and Secondary Undifferentiated Aquifers. The bedrock directly underlying the site is formed of the Hughes Member, for which the parent unit is the Pennant Sandstone Formation and designated as a Secondary A Aquifer.

The BGS indicates that the Hughes Member bedrock comprises predominantly sandstone beneath the southern half of the site, and mudstone, siltstone and sandstone beneath the northern half. The BGS mapping indicates that the Westernmoor coal seam bisects the central area of the site, orientated north-west to south-east. The site is located less than 500m south-east from the North-East to South-West trending 'Neath Disturbance'.

The Generalised Vertical Section (GVS) on the BGS Map Sheet 247 records the following succession of coal seams within the 265m thick Hughes Member within the area (i.e. east of the Neath Disturbance) as: Graigola, Coal, Westernmoor, Mountain Coal, Garlant and Wenallt Rider. Vertical separation between the Westernmoor and Mountain Coal is approximately 80m and the general strike and dip direction is between 12° to 15° to the north north-east.

Consultants Mining Report

The site is located within an area which 'may be affected by coal mining activity'. The Coal Authority Consultants Mining Report for the site states that 'no past mining recorded' on-site and the risk from probable unrecorded shallow mining as 'none'.

An adit is recorded approximately 75m to the south-east of the study site, adjacent to Walters Road (grid ref: 274725, 196378). The Mining Remediation Authority's interactive mapping records this adit as bearing 143 degrees, which is away from the study site.

Recommendations

The assessment has not identified a potential for the site to be impacted by either shallow worked seams or shafts and no further investigation or action is recommended.

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APPENDICES

Appendix A Coal Authority Consultants Coal Mining Report

Issue No	Date	Prepared By	Technical Review	Authorised
01	12.05.2020	G Jones	P Dickinson	G Jones
02	01.04.2022	P Dickinson	G Jones	G Jones
03	19.09.2025	P Dickinson	G Jones	G Jones

1 INTRODUCTION

Remada Ltd was commissioned by Lidl Great Britain Ltd (hereafter 'the client') to undertake a Coal Mining Risk Assessment for a proposed new store at Briton Ferry Road, Neath SA11 1AS. at the location indicated in **Figure 1**.

This report incorporates the findings of Remada's Phase 1 report for the site (ref: 769.10.01 issued in September 2025) and consequently supersedes report ref: 769.01.02 issued in April 2022.

1.1 Objectives

The objectives of this assessment have been to obtain information relating to the potential legacy of historical coal mining beneath the site and to produce an assessment of those risks in relation to the proposed site development.

Due to the study site's positioning within Wales, the scope was also designed in line with the Welsh Land Contamination Working Group's Development of Land Affected by Contamination: A Guide for Developers version 4: September 2023. This guidance represents the culmination of a co-operative effort involving the Welsh Local Government Association (WLGA) and Natural Resources Wales (NRW). For the purpose of this report, any references to the Environment Agency (EA) should be seen as interchangeable with NRW.

1.2 Previous Reports

The following report has previously been prepared for the site by Remada:

- Phase 1 Site Investigation & Preliminary Risk Assessment, Remada Ltd report ref: 769.10.01, issued in September 2025.

1.3 Limitations

The comments given in this report and the opinions expressed are based on the information reviewed, which Remada believes are reliable. Nevertheless, Remada cannot and does not guarantee the authenticity of reliability of the information it has obtained from these sources, and used in the production of this assessment. There may be conditions pertaining to the site that have not been disclosed by this assessment and therefore could not be taken into account.

2 DESK STUDY

2.1 Description of Site

Site Description	The study site occupies an irregular (but very broadly triangular) plot to the west of A474 Briton Ferry Road and south-west of Neath town centre, as indicated in **Figure 2.** The site comprises three distinct areas, with a Lidl store present in the south-western area, two defunct retail units in the north-western area, and associated car parking occupying the eastern half of the site. Access to the study site is from School Road on the eastern boundary. The existing Lidl store building is of single-storey steel-framed construction, with predominantly brick walls forming the southern, western and south-eastern facades. The north-eastern and northern facades are predominantly formed of brick and glass. The former retail building in the north-western area was previously occupied by Vitality Health & Fitness and Poundstretcher. This building also appears to be of steel-framed construction, with its eastern façade formed primarily from brickwork. The majority of the northern, western and southern facades are finished in metal cladding. Immediately to the south of the building, a concrete surfaced road gives access to the delivery areas to the rear and the adjacent Lidl store delivery bay. The remaining area of the site is predominantly occupied by asphalt-surfaced car parking and soft landscaping, with semi-mature deciduous trees present along the eastern boundary adjacent to Briton Ferry Road. An electricity sub-station is present adjacent to the eastern corner of the site. A palisade fence marks the western boundary of the site, with a Network Rail access gate (ID: 207m 49ch) noted for the adjacent (off-site) South Wales Main Line. The south-western boundary is formed of a concrete post and wooden panel fence, with an Esso fuel filling station beyond. The remainder of the site boundaries are open and marked by the presence of pavements and roads.
Area of Site	11203 m^2.
Site Elevation	The topographic elevation of the site ranges from circa 6.20m AOD (metres above ordnance datum) adjacent to the south-western boundary and circa 7.60m AOD adjacent to the north-eastern boundary.
National Grid Co-ordinates	274660 (E), 196470 (N)

2.2 Site Setting

The site is situated in a mixed commercial and residential area.

North:	Cryddan Brook is present adjacent to the northern boundary of the site, with a car park beyond.

East:	The A474 Briton Ferry Road bounds the site to the east, with predominantly residential properties beyond.
South:	The south-eastern boundary of the site is formed by A474 Briton Ferry Road, whereas an Esso fuel filling station is present beyond the south-western boundary. The area beyond is predominantly occupied by residential properties.
West:	A railway line forms the western boundary of the site, with a metal manufacturer, the Neath Canal and the River Neath beyond.

2.3 Proposed Site Use

It is understood that the proposed site use for the site will be a Lidl retail store with associated car park and soft landscaping. A proposed indicative site layout plan is presented as **Figure 3,** with the site being accessed off School Road along the eastern boundary. The proposed store footprint is indicated to be in the south-western area of the site, with the remaining areas being a combination of car parking, HGV access and soft landscaping.

3 INFORMATION REVIEW

3.1 Historical Maps

The historical maps within Remada's Phase 1 Site Investigation & Preliminary Risk Assessment, reference 769.10.01 have been reviewed dated from 1878 for evidence of coal mining activities at surface and at depth.

3.1.1 On-site History

The earliest available historical mapping dated 1878 and 1881 shows no evidence of coal mining activity within the site boundary.

3.1.2 Off-site History

From the historical mapping, no evidence of coal mining activity has been identified within the immediate vicinity of the study site.

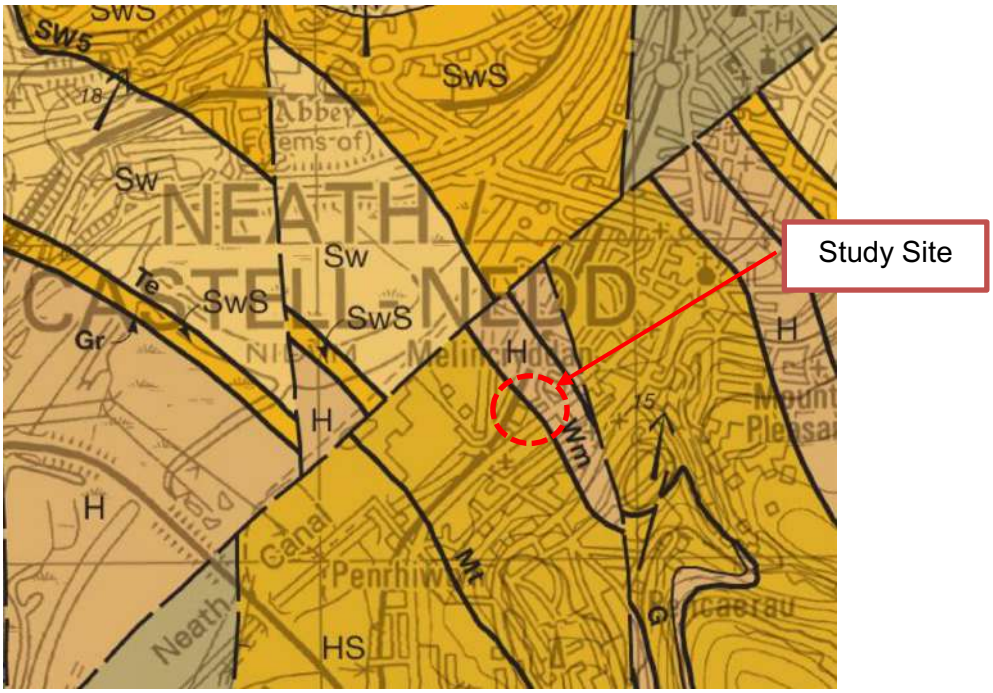
3.2 Published Geological Information

The following publications of the British Geological Survey (BGS) have been examined in respect of the strata underlying the site:

BGS Viewer (on-line mapping)

BGS Map, Sheet 247 Swansea Bedrock, Scale 1:50,000, 2011

BGS Geoindex website (accessed 16th September 2025).



Extract of BGS Sheet 247 Swansea Bedrock, 2011

3.2.1 Made Ground and Superficial Geology

Information from the environmental report and the British Geological Survey (BGS) 1:50,000 scale map Sheet 247 (Swansea) indicates that the site is underlain by Landscaped Ground (Undivided). The BGS describes these anthropogenic deposits as *'an area where the land surface*

(natural or artificial) has been extensively remodelled, but where it is impracticable or impossible to delineate separate zones of Made Ground, Worked Ground or Disturbed Ground'.

The superficial deposits underlying the site are indicated to comprise Tidal Flat Deposits. The BGS describe these as *forming 'extensive nearly horizontal marshy land in the intertidal zone that is alternately covered and uncovered by the rise and fall of the tide. They consist of unconsolidated sediment, mainly mud and/or sand. They may form the top surface of a deltaic deposit.'*

3.2.2 Bedrock Geology

BGS Sheet 247 Swansea (Bedrock) indicates that the site is located approx. 350 metres south-east of the *Neath Disturbance* that trends North-East to South-West.

The bedrock directly underlying the site is formed of the Hughes Member, for which the parent unit is the Pennant Sandstone Formation. The BGS describes this Member as typically comprising *'Green-grey, lithic arenites ('Pennant sandstones'), with thin mudstone/siltstone and seatearth interbeds, and mainly thin coals'.*

The BGS indicates that the Hughes Member bedrock comprises predominantly sandstone beneath the southern half of the site, and mudstone, siltstone and sandstone beneath the northern half. The BGS mapping indicates that the Westernmoor coal seam bisects the central area of the site, orientated north-west to south-east.

Bedrock in the vicinity of the site is formed of the Pennant Sandstone Formation. This parent unit has an approximate thickness of 1000m with units of grey mudstone, coal seams and seatearth subdivided into successive members that are defined by key coal horizons that in the vicinity of the site outcrop perpendicular to the Neath Disturbance.

The Generalised Vertical Section (GVS) on the BGS Map Sheet 247 records the following succession of coal seams within the 265m thick Hughes Member within the area (i.e. east of the Neath Disturbance):

- Graigola (Gr)
- Coal
- Westernmoor (Wm)
- Mountain Coal (Mt)
- Garlant (G)
- Wenallt Rider

Vertical separation between the Westernmoor and Mountain Coal is approximately 80m and the general strike and dip direction is between 12° to 15° to the north north-east.

3.2.3 Historical BGS Borehole Records

There are two historic BGS borehole records on-site, as summarised below:

- Within West Glamorgan County Council's Trial Pit 2 (BGS ID: 371456, ref: SS79NW213) located on the eastern boundary adjacent to Briton Ferry Road in 1994, Made Ground was encountered to a depth of 2.0m bgl. These granular deposits were described as *'Medium dense becoming loose black silty ash clinker sandstone SAND & GRAVEL with occasional cobbles and clayey pockets'.* Below 2.0m bgl, the natural strata comprised

'very clayey fine SAND' to the base of the trial pit at 3.0m bgl. A fast water inflow was recorded at 1.6m bgl.

- Within West Glamorgan County Council's Trial Pit 3 (BGS ID: 371457, ref: SS79NW214) located on the north-eastern boundary in 1994, Made Ground was encountered to the base of the trial pit at 1.9m bgl. These granular deposits were described as *'old concrete foundations infilled with loosely compacted slabs of concrete, brick and builders rubble, highly broken asbestos sheets, wire rope, domestic refuse, glass fragments and some ash, clinker SAND & GRAVEL'.*

3.3 Mining

The site is located within an area which 'might be' affected by coal mining activity and is located within a Mining Remediation Authority designated Coal Mining Reporting Area, although it is not located within a Development High Risk Area.

3.4 Coal Authority Consultants Mining Report

A Coal Authority Consultants Coal Mining Report was obtained for the site (ref: 51003006070001), which is presented in **Appendix A** and records the following:

Past Underground Mining

No past mining recorded.

Probable Unrecorded Shallow Mining

None.

Spine Roadways at Shallow Depth

No spine roadway recorded at shallow depth.

Mine Entries (refer to plan within Coal Authority Report)

Entry type	Reference	Grid reference	Treatment description	Mineral	Conveyancing details
Adit	274196-009	274725 196378		Coal	

The adit is located approximately 75m to the south of the site.

Abandoned mine plan catalogue numbers

SWR1671	SWR2654	PO0
SW1916		

Outcrops

Seam name	Mineral	Seam workable	Distance to outcrop (m)	Direction to outcrop	Bearing of outcrop
WESTERNMOOR	Coal	Yes	Within	N/A	139

Geological faults, fissures and breaklines

No faults, fissures or breaklines recorded.

Opencast Mines

None recorded within 500m of the enquiry boundary.

Coal Authority Managed Tips

None recorded within 500m of the enquiry boundary.

Mine Gas

None recorded within 500m of the enquiry boundary.

4 ASSESSMENT OF SITE-SPECIFIC COAL MINING RISKS

From a review of information sources above, the range of coal mining related hazards relevant to the proposed surface development of the site can be summarized as follows:

Coal Mining Hazard	Potential for Coal Mining Hazard to impact proposed development of the site
Deep underground coal mining >30m depth (past, present and currently proposed)	**Negligible risk identified.** Based upon information from the Coal Authority report, there are no known seams which have been worked at a depth >30m beneath the study site
Recorded shallow underground coal mining <30m depth	**Negligible risk identified.** The Coal Authority has not identified any known mine workings beneath the site.
Unrecorded shallow underground coal mining <30m depth	**Negligible risk identified.** The Coal Authority records the risk from probable unrecorded shallow mining as 'none'.
Recorded mine entries (shafts and adits)	**Low risk identified**. There are no recorded mine entries on, or within 20m of, the study site. An adit is recorded approximately 75m to the south-east of the study site, adjacent to Walters Road (grid ref: 274725, 196378). The Mining Remediation Authority's interactive mapping records this adit as bearing 143 degrees, which is away from the study site.
Coal mining induced or reactivated fault/lines of weaknesses (fissures etc.)	**Low risk identified**. There are no known fissures or reactivated faults within the site or close proximity to site. However, the Neath Disturbance is located approximately 350m to the north-west of the site boundary.
Mines gas emissions	**Negligible risk identified.** With respect to mine gas, the Coal Authority states "none recorded within 500m of the enquiry boundary".
Recorded surface mining (opencast workings)	**Negligible risk identified.** With respect to opencast workings, the Coal Authority states 'none recorded within 500 metres of the enquiry boundary'.

5 GEOTECHNICAL ASSESSMENT & RECOMMENDATIONS

5.1 Summary of Site History

The earliest available mapping of 1878 and 1881 indicates it to be predominantly occupied by marshland. A railway line associated with the adjacent (off-site) Melin Crythan Works encroaches into the northern margins of the site in an arc. A 'Japan Works' encroaches into the south-western boundary of the site, extending off-site towards the south-west and expanding to occupy the southern half of the site by 1889. The Cryddan Brook bisects the central area of the site and would continue to do so until 1995, when it is no longer shown. By 1919 the railway sidings have expanded into the central area of the site, with rationalisation of these occurring by 1952. Buildings associated with the Melin Crythan Works / Tin Plate Works were constructed in the eastern area of the site in 1882, with the works complex being redeveloped between 1952 and 1958 when a new elongated building was constructed in the north-eastern margins of the site.

Between 1980 and 1987, the majority of the buildings in the southern area of the site are no longer shown, with only a north-west to south-east orientated elongate building still present parallel to Cryddan Brook and still labelled as 'Melyn Works'. A 'tank' of unspecified contents is indicated to be present encroaching into the eastern boundary of the site. By 1989, the majority of the buildings have been removed from the entire site, with only one small rectangular structure remaining adjacent to the eastern boundary. The area to the north of Cryddan Brook was labelled as a Coal Yard. The existing Lidl store building appears to have been constructed between 1993 and 1995, with its associated car park occupying the southern and eastern areas of the site. The Electricity Sub-Station adjacent to the eastern corner first appears in 1995, whilst the two now-defunct retail units in the north-western quadrant appear between the mapping of 1999 and Opus' investigation on-site in 2016.

5.2 Summary of Published Geology

Published geological maps record that the site is underlain by undivided deposits of Landscaped Ground and superficial Tidal Flat Deposits; the latter being designated as Secondary A and Secondary Undifferentiated Aquifers. The bedrock directly underlying the site is formed of the Hughes Member, for which the parent unit is the Pennant Sandstone Formation and designated as a Secondary A Aquifer.

The BGS indicates that the Hughes Member bedrock comprises predominantly sandstone beneath the southern half of the site, and mudstone, siltstone and sandstone beneath the northern half. The BGS mapping indicates that the Westernmoor coal seam bisects the central area of the site, orientated north-west to south-east. The site is located less than 500m south-east from the North-East to South-West trending 'Neath Disturbance'.

The Generalised Vertical Section (GVS) on the BGS Map Sheet 247 records the following succession of coal seams within the 265m thick Hughes Member within the area (i.e. east of the Neath Disturbance) as: Graigola, Coal, Westernmoor, Mountain Coal, Garlant and Wenallt Rider. Vertical separation between the Westernmoor and Mountain Coal is approximately 80m and the general strike and dip direction is between 12° to 15° to the north north-east.

5.3 Summary of Coal Authority Reports

The site is located within an area which 'may be affected by coal mining activity'. The Coal Authority Consultants Mining Report for the site states that 'no past mining recorded' on-site and the risk from probable unrecorded shallow mining as 'none'.

An adit is recorded approximately 75m to the south-east of the study site, adjacent to Walters Road (grid ref: 274725, 196378). The Mining Remediation Authority's interactive mapping records this adit as bearing 143 degrees, which is away from the study site.

5.4 Engineering Requirements

5.4.1 Coal Seams

There are two coal outcrops located within the site boundary or within the vicinity of the site, the Westernmoor coal found within the site boundary with an approximate NE-SE orientation and the 'Coal' seam, approximately 100m to the north-east of the site, with a similar orientation.

However, the Coal Authority / Mining Remediation Authority states that they hold no record of coal mining beneath the study site.

5.4.2 Mine Entries

There are no mine entries located within the site boundary or within the immediate vicinity of the site. The nearest record is for an adit circa 75m to the south-west which enters into the hillside heading away from the study site.

5.5 Recommendations

The assessment has not identified a potential for the site to be impacted by either shallow worked seams or shafts and no further investigation or action is recommended.

REFERENCES & GUIDANCE

BS 5930:2015+A1:2020, Code of practice for site investigations.

CIRIA C758D Abandoned Mine Workings Manual, 2019

Manual of Contract Documents for Highways Works Volume 1 Specification for Highways Works Series 1000

Welsh Land Contamination Working Group's Development of Land Affected by Contamination: A Guide for Developers version 4: September 2023.

STUDY LIMITATIONS

IMPORTANT. This section should be read before reliance is placed on any of the information, opinions, advice, recommendations or conclusions contained in this report.

1. This report has been prepared by Remada, Ltd with all reasonable skill, care and diligence within the terms of the Appointment and with the resources and manpower agreed with (the 'Client'). Remada does not accept responsibility for any matters outside the agreed scope.

2. This report has been prepared for the sole benefit of the Client unless agreed otherwise in writing.

3. Unless stated otherwise, no consultations with authorities or funders or other interested third parties have been carried out. Remada is unable to give categorical assurance that the findings will be accepted by these third parties as such bodies may have published, more stringent objectives. Further work may be required by these parties.

4. All work carried out in preparing this report has used, and is based on, Remada' professional knowledge and understanding of current relevant legislation. Changes in legislation or regulatory guidance may cause the opinion or advice contained in this report to become inappropriate or incorrect. In giving opinions and advice pending changes in legislation, of which Remada is aware, have been considered. Following delivery of the report Remada has no obligation to advise the Client or any other party of such changes or their repercussions.

5. This report is only valid when used in its entirety. Any information or advice included in the report should not be relied upon until considered in the context of the whole report.

6. Whilst this report and the opinions made are to the best of Remada' belief, Remada cannot guarantee the accuracy or completeness of any information provided by third parties.

7. This report has been prepared based on the information reasonably available during the project programme. All information relevant to the scope may not have received.

8. This report refers, within the limitations stated, to the condition of the site at the time of the inspections. No warranty is given as to the possibility of changes in the condition of the site since the time of the investigation.

9. The content of this report represents the professional opinion of experienced environmental consultants. Remada does not provide specialist legal or other professional advice. The advice of other professionals may be required.

10. Where intrusive investigation techniques have been employed they have been designed to provide a reasonable level of assurance on the conditions. Given the discrete nature of sampling, no investigation technique is capable of identifying all conditions present in all areas. In some cases the investigation is further limited by site operations, underground obstructions and above ground structures. Unless otherwise stated, areas beyond the boundary of the site have not been investigated.

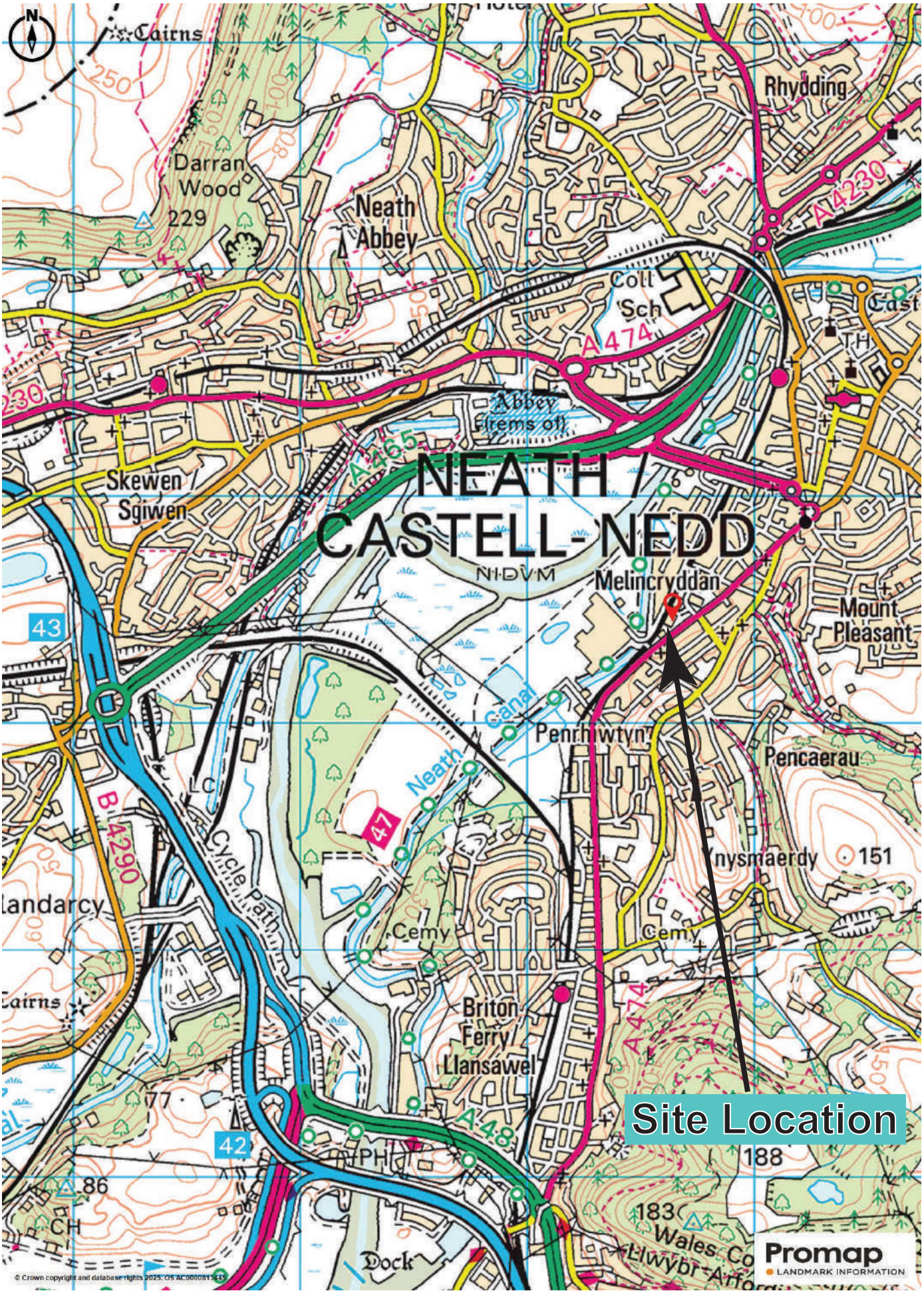
11. If below ground intrusive investigations have been conducted as part of the scope, service tracing for safe location of exploratory holes has been carried out. The location of underground services shown on any drawing in this report has been determined by visual observations and electromagnetic techniques. No guarantee can be given that all services have been identified. Additional services, structures or other below ground obstructions, not indicated on the drawing, may be present on site.

12. Unless otherwise stated the report provides no comment on the nature of building materials, operational integrity of the facility or on any regulatory compliance issues.

13. Unless otherwise stated, samples from the site (soil, groundwater, building fabric or other samples) have NOT been analysed or assessed for waste classification purposes.

FIGURES

Figure 1 Site Location Plan
Figure 2 Existing Site Layout
Figure 3 Proposed Indicative Site Layout



Notes	Revision	Approved	Date	Project Title	Scale	Drawn	Size
				Briton Ferry Road, Neath	as shown	PD	A4
				Drawing Title	Date	Job No.	Figure No.
				Site Location Plan	18.09.25	769.10	01
				Client			
				Lidl Great Britain Ltd			

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Notes

Existing site layout plan reproduced from client-supplied EDI Surveys Ltd's Topographic Survey, drawing ref: 14433/T/01-02 Rev A, dated 2015.

Revision	Approved	Date

Project Title	Scale	Drawn	Size
Briton Ferry Road, Neath	as shown	PD	A4
Drawing Title	**Date**	**Job No.**	**Figure No.**
Existing Site Layout Plan	18.09.25	769.10	02
Client			
Lidl Great Britain Ltd			

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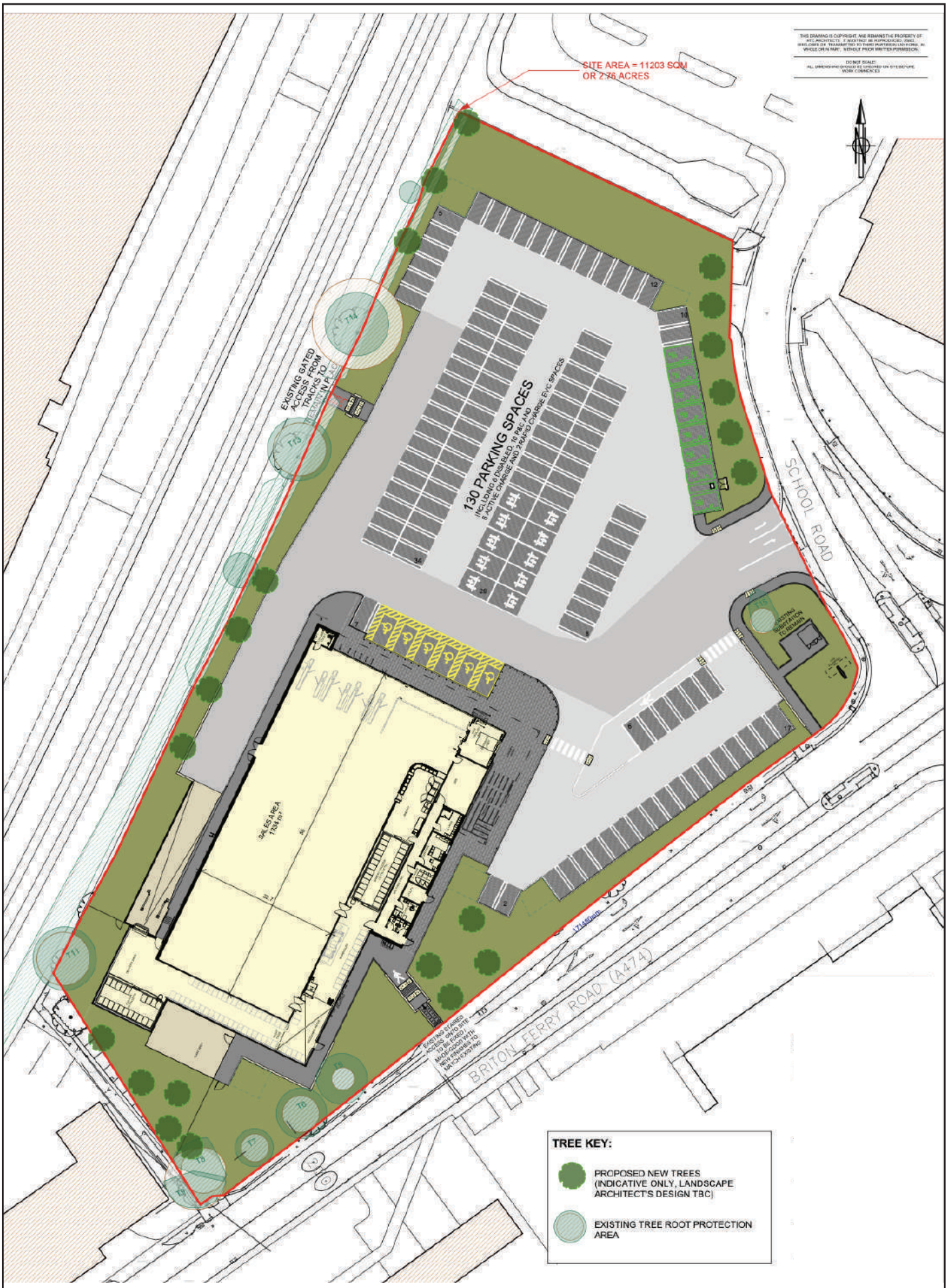


Notes

Proposed site layout plan reproduced from client-supplied HTC Architects's Proposed Lidl Site Plan, drawing ref: 2782-P4403-Rev H dated October 2024.

The proposed site layout plan is indicative only and subject to change following publication of Remada's Phase 1 report.

Revision	Approved	Date

Project Title	Scale	Drawn	Size
Briton Ferry Road, Neath	as shown	PD	A4
Drawing Title	**Date**	**Job No.**	**Figure No.**
Proposed Site Layout Plan	18.09.25	769.10	03
Client			
Lidl Great Britain Ltd			

REMADA GEO CONSULTANTS

APPENDIX A

Coal Authority Consultants Coal Mining Report

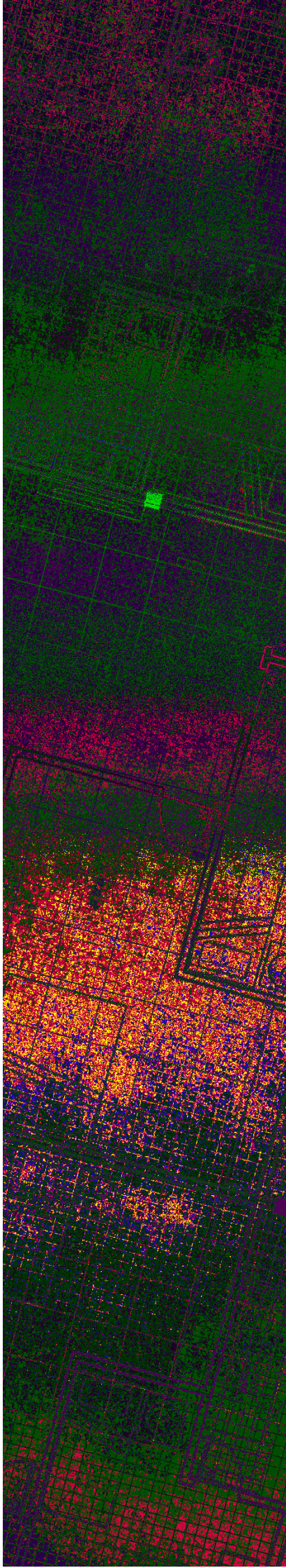
The Coal Authority

Consultants

Coal Mining Report

Lidl
Castle Retail Park
Briton Ferry Road
Neath
Neath Port Talbot
SA11 1AS

Date of enquiry:	**1 April 2022**
Date enquiry received:	**1 April 2022**
Issue date:	**1 April 2022**
Our reference:	**51003006070001**
Your reference:	**769.01.02**



Consultants

Coal Mining Report

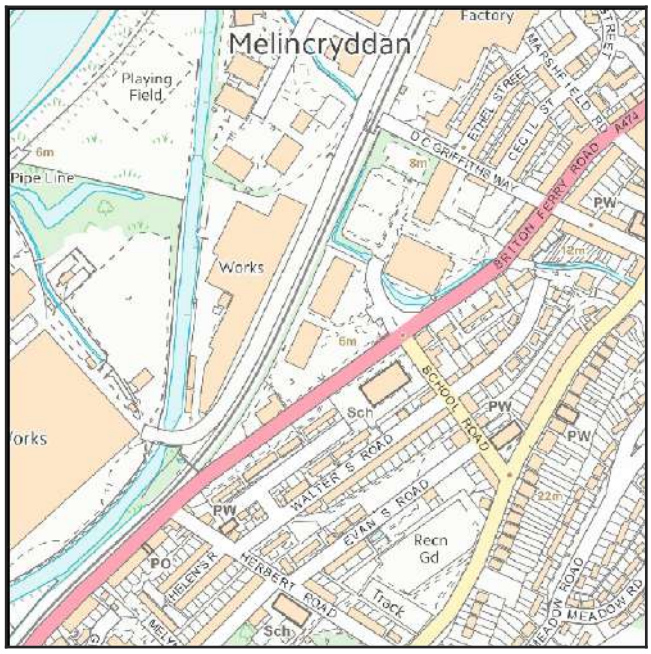
This report is based on and limited to the records held by the Coal Authority at the time the report was produced.

Client name

Remada Ltd

Enquiry address

Lidl
Castle Retail Park
Briton Ferry Road
Neath
Neath Port Talbot
SA11 1AS



Approximate position of property

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

Section 1 – Mining activity and geology

Past underground mining

No past mining recorded.

Probable unrecorded shallow workings

None.

Spine roadways at shallow depth

No spine roadway recorded at shallow depth.

Mine entries

Entry type	Reference	Grid reference	Treatment description	Mineral	Conveyancing details
Adit	274196-009	274725 196378		Coal	

Abandoned mine plan catalogue numbers

The following abandoned mine plan catalogue numbers intersect with some, or all, of the enquiry boundary:

SWR1671	SWR2654	PO0
SW1916		

Please contact us on 0345 762 6848 to determine the exact abandoned mine plans you require based on your needs.

Outcrops

Seam name	Mineral	Seam workable	Distance to outcrop (m)	Direction to outcrop	Bearing of outcrop
WESTERNMOOR	Coal	Yes	Within	N/A	136

Geological faults, fissures and breaklines

No faults, fissures or breaklines recorded.

Opencast mines

None recorded within 500 metres of the enquiry boundary.

Coal Authority managed tips

None recorded within 500 metres of the enquiry boundary.

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Section 2 – Investigative or remedial activity

Please refer to the 'Summary of findings' map (on separate sheet) for details of any activity within the area of the site boundary.

Site investigations

None recorded within 50 metres of the enquiry boundary.

Remediated sites

None recorded within 50 metres of the enquiry boundary.

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 31 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.

Mine gas

None recorded within 500 metres of the enquiry boundary.

Mine water treatment schemes

None recorded within 500 metres of the enquiry boundary.

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Section 3 – Licensing and future mining activity

Future underground mining
None recorded.

Coal mining licensing
None recorded within 200 metres of the enquiry boundary.

Court orders
None recorded.

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

Withdrawal of support notices
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.

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.

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Section 4 – Further information

Based on the responses in this report, no further information has been highlighted.

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Section 5 – Data definitions

The datasets used in this report have limitations and assumptions within their results. For more guidance on the data and the results specific to the enquiry boundary, please **call us on 0345 762 6848** or **email us at groundstability@coal.gov.uk.**

Past underground coal mining

Details of all recorded underground mining relative to the enquiry boundary. Only past underground workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination, will be included.

Probable unrecorded shallow workings

Areas where the Coal Authority believes there to be unrecorded coal workings that exist at or close to the surface (less than 30 metres deep).

Spine roadways at shallow depth

Connecting roadways either, working to working, or, surface to working, both in-seam and cross measures that exist at or close to the surface (less than 30 metres deep), either within or within 10 metres of the enquiry boundary.

Mine entries

Details of any shaft or adit either within, or within 100 metres of the enquiry boundary including approximate location, brief treatment details where known, the mineral worked from the mine entry and conveyance details where the mine entry has previously been sold by the Authority or its predecessors British Coal or the National Coal Board.

Abandoned mine plan catalogue numbers

Plan numbers extracted from the abandoned mines catalogue containing details of coal and other mineral abandonment plans deposited via the Mines Inspectorate in accordance with the Coal Mines Regulation Act and Metalliferous Mines Regulation Act 1872. A maximum of 9 plan extents that intersect with the enquiry boundary will be included. This does not infer that the workings and/or mine entries shown on the abandonment plan will be relevant to the site/property boundary.

Outcrops

Details of seam outcrops will be included where the enquiry boundary intersects with a conjectured or actual seam outcrop location (derived by either the British Geological Survey or the Coal Authority) or intersects with a defined 50 metres buffer on the coal (dip) side of the outcrop. An indication of whether the Coal Authority believes the seam to be of sufficient thickness and/or quality to have been worked will also be included.

Geological faults, fissures and breaklines

Geological disturbances or fractures in the bedrock. Surface fault lines (British Geological Survey derived data) and fissures and breaklines (Coal Authority derived data) intersecting with the enquiry boundary will be included. In some circumstances faults, fissures or breaklines have been known to contribute to surface subsidence damage as a consequence of underground coal mining.

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Opencast mines

Opencast coal sites from which coal has been removed in the past by opencast (surface) methods and where the enquiry boundary is within 500 metres of either the licence area, site boundary, excavation area (high wall) or coaling area.

Coal Authority managed tips

Locations of disused colliery tip sites owned and managed by the Coal Authority, located within 500 metres of the enquiry boundary.

Site investigations

Details of site investigations within 50 metres of the enquiry boundary where the Coal Authority has received information relating to coal mining risk investigation and/or remediation by third parties.

Remediated sites

Sites where the Coal Authority has undertaken remedial works either within or within 50 metres of the enquiry boundary following report of a hazard relating to coal mining under the Coal Authority's Emergency Surface Hazard Call Out procedures.

Coal mining subsidence

Details of alleged coal mining subsidence claims made since 31 October 1994 either within or within 50 metres of the enquiry boundary. Where the claim relates to the enquiry boundary confirmation of whether the claim was accepted, rejected or whether liability is still being determined will be given. Where the claim has been discharged, whether this was by repair, payment of compensation or a combination of both, the value of the claim, where known, will also be given.

Details of any current 'Stop Notice' deferring remedial works or repairs affecting the property/site, and if so the date of the notice.

Details of any request made to execute preventative works before coal is worked under section 33 of the Coal Mining Subsidence Act 1991. If yes, whether any person withheld consent or failed to comply with any request to execute preventative works.

Mine gas

Reports of alleged mine gas emissions received by the Coal Authority, either within or within 500 metres of the enquiry boundary that subsequently required investigation and action by the Coal Authority to mitigate the effects of the mine gas emission.

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Mine water treatment schemes

Locations where the Coal Authority has constructed or operates assets that remove pollutants from mine water prior to the treated mine water being discharged into the receiving water body.

These schemes are part of the UK's strategy to meet the requirements of the Water Framework Directive. Schemes fall into 2 basic categories: Remedial – mitigating the impact of existing pollution or Preventative – preventing a future pollution incident.

Mine water treatment schemes generally consist of one or more primary settlement lagoons and one or more reed beds for secondary treatment. A small number are more specialised process treatment plants.

Future underground mining

Details of all planned underground mining relative to the enquiry boundary. Only those future workings where the enquiry boundary is within 0.7 times the depth of the workings (zone of likely physical influence) allowing for seam inclination will be included.

Coal mining licensing

Details of all licenses issued by the Coal Authority either within or within 200 metres of the enquiry boundary in relation to the under taking of surface coal mining, underground coal mining or underground coal gasification.

Court orders

Orders in respect of the working of coal under the Mines (Working Facilities and Support) Acts of 1923 and 1966 or any statutory modification or amendment thereof.

Section 46 notices

Notice of proposals relating to underground coal mining operations that have been given under section 46 of the Coal Mining Subsidence Act 1991.

Withdrawal of support notices

Published notices of entitlement to withdraw support and the date of the notice. Details of any revocation notice withdrawing the entitlement to withdraw support given under Section 41 of the Coal Industry Act 1994.

Payment to owners of former copyhold land

Relevant notices which may affect the property and any subsequent notice of retained interests in coal and coal mines, acceptance or rejection notices and whether any compensation has been paid to a claimant.

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Summary of findings

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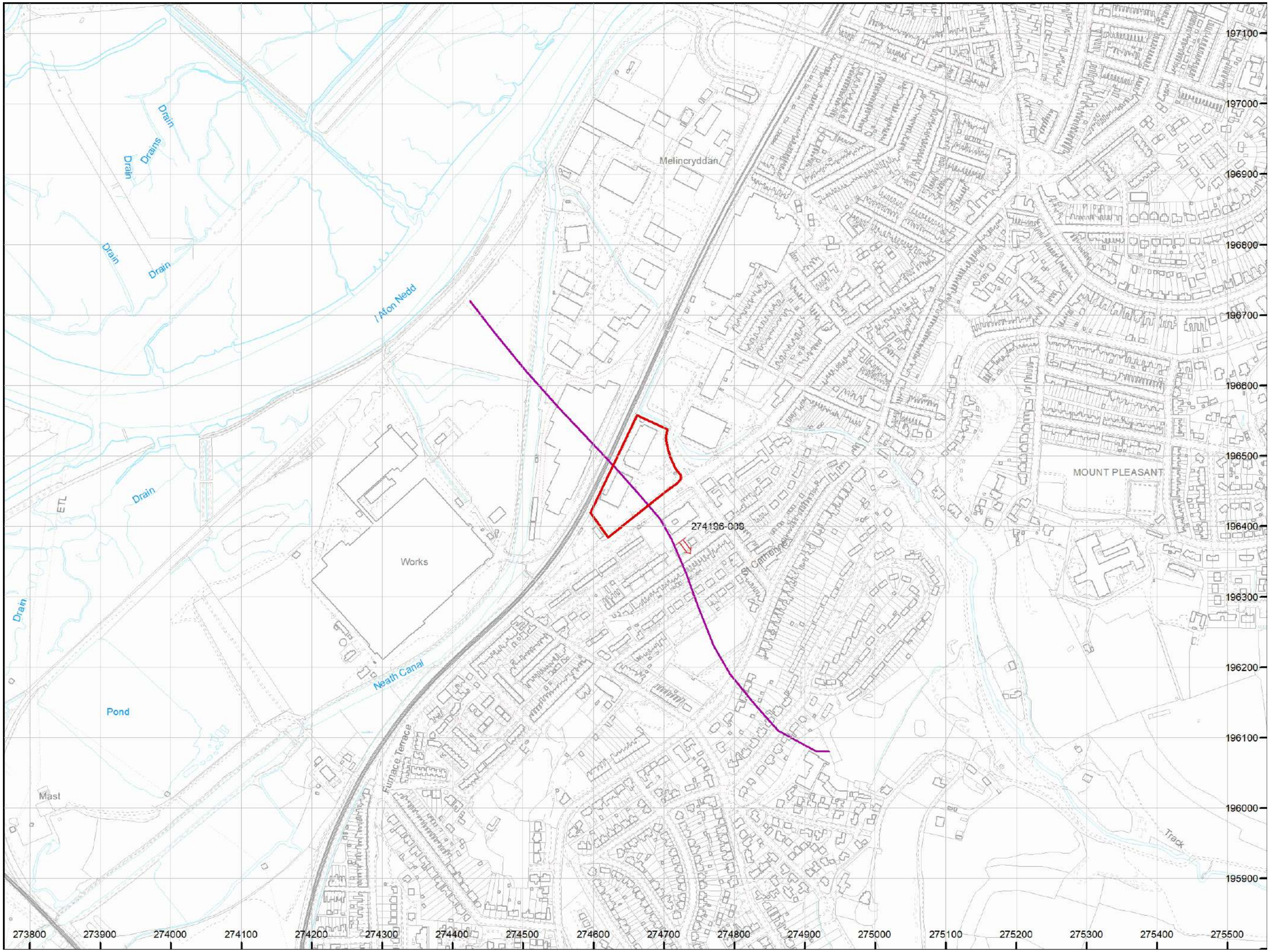
The map highlights any specific surface or subsurface features within or near to the boundary of the site.

Key

Approximate position of the enquiry boundary shown

Disused adit

Outcrop (Proven)



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