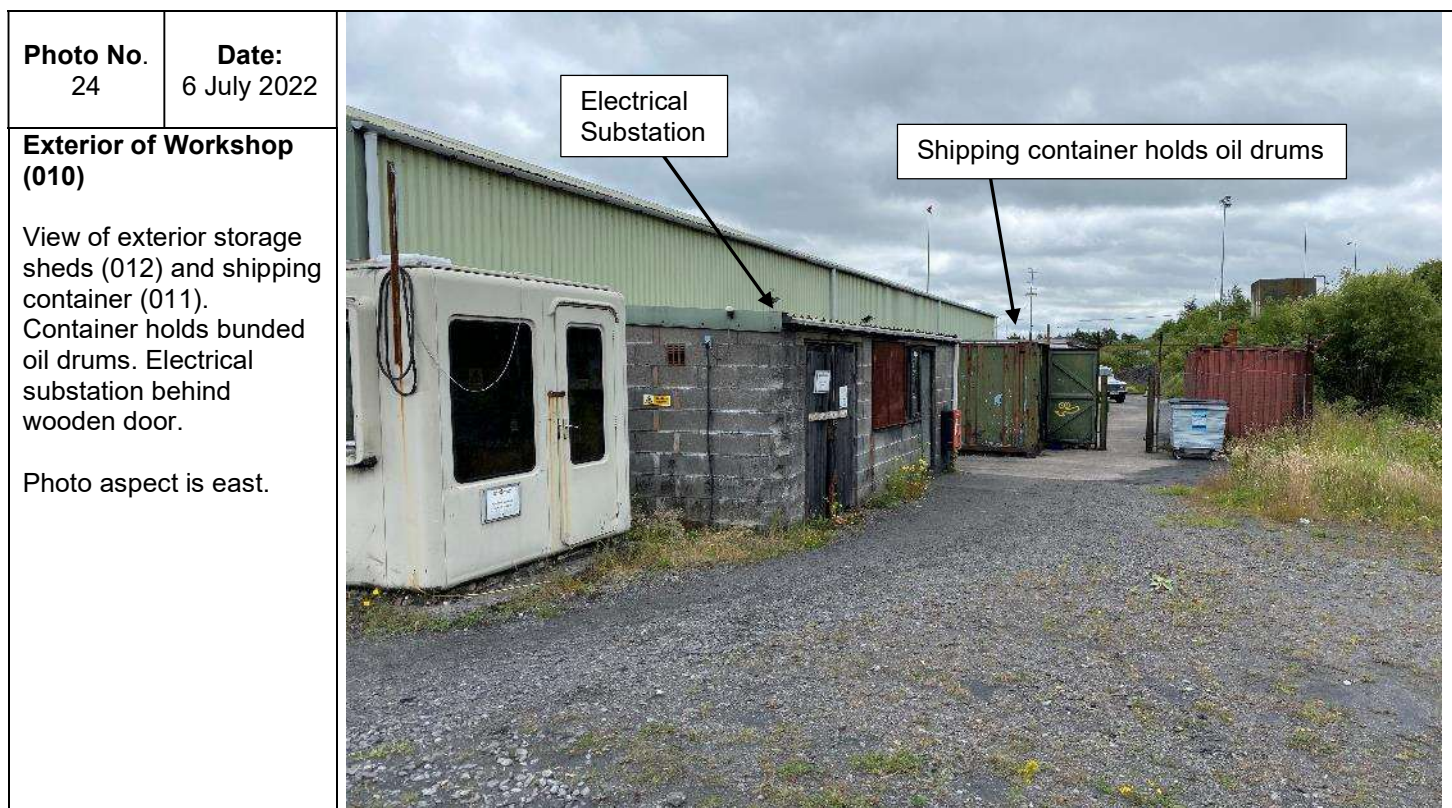


Client Name: Global Centre of Rail Excellence

Site: GCRE (Onllywyn Washery)

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Client Name: Global Centre of Rail Excellence

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Project No. 5209796

Photo No. 25	Date: 6 July 2022	
Shipping Container (011) Contents of shipping container, used to store oil and fuel containers.		

Photo No. 26	Date: 6 July 2022	
Washery View of yard area to west of workshop. Photo aspect is west.		

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Photo No. 29	Date: 6 July 2022	
Washery Stockpiled coal and lagoons (015). The photograph aspect is north.		

Photo No. 30	Date: 6 July 2022	
Washery View of screening machinery (017) and stockpiled coal (016). The photograph aspect is east.		

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Photo No. 31	Date: 6 July 2022	
Lagoon (015) View of the lagoon and stockpiled coal beyond. The photograph aspect is north.		

Photo No. 32	Date: 6 July 2022
Washery (014) View of washery structure (014), surface water running off to west on road in foreground. Empty shipping container to right labelled as having held "autowash". The photograph aspect is west.	

A photograph of a large industrial washery structure (014) with a green metal frame and conveyor system. A large, empty shipping container is visible to the right, labeled 'autowash'. The foreground shows a wet, muddy road with a drainage ditch. The sky is overcast.

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Photo No.
33

Date:
6 July 2022

**Washery Structure
(014)**

View of interior of
structure 014, no entry
inside due to lone
working restrictions.


Photo No.
34

Date:
6 July 2022

**Washery Structure
(014)**

View of interior of
structure 014, no entry
inside due to lone
working restrictions.



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Photo No. 35	Date: 6 July 2022	
Washery Structure (018) View of AST tanks, believed to hold water. The photograph aspect is south.		

Photo No. 36	Date: 6 July 2022	
Washery Structure (019) View of skips / shipping containers holding waste coal. The photograph aspect is west.		

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Photo No. 37	Date: 6 July 2022	
Conveyor Belt (020) and former railway line (021) View of conveyor belt systems used to transfer washed coal to stockpiles / load trains. Areas of former railway track in process of being grubbed up to right. The photograph aspect is west.		

Photo No. 38	Date: 6 July 2022	
Washery (014) View of washery building conveyor belt (020) and former area of railway track (021). Stockpile of unknown material to left. The photograph aspect is east.		

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Photo No. 39	Date: 6 July 2022	
Washery Structures View of conveyor belt from building 014 connecting with additional conveyor. Railway tracks (021) crossing concrete road way in foreground. The photograph aspect is east.		

Photo No. 40	Date: 6 July 2022	
Washery Area (023) View of unknown stockpile (023) and shipping container storage. Railway land in foreground. The photograph aspect is south.		

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Photo No. 41	Date: 6 July 2022	
Stockpiles (022) View of stockpile / colliery spoil separating Washery Structures from stockpile area served by conveyor belts. The photograph aspect is east.		

Photo No. 42	Date: 6 July 2022	
Stockpiles (022) View of coal stockpile adjacent to base of conveyor belt. The photograph aspect is north-east.		

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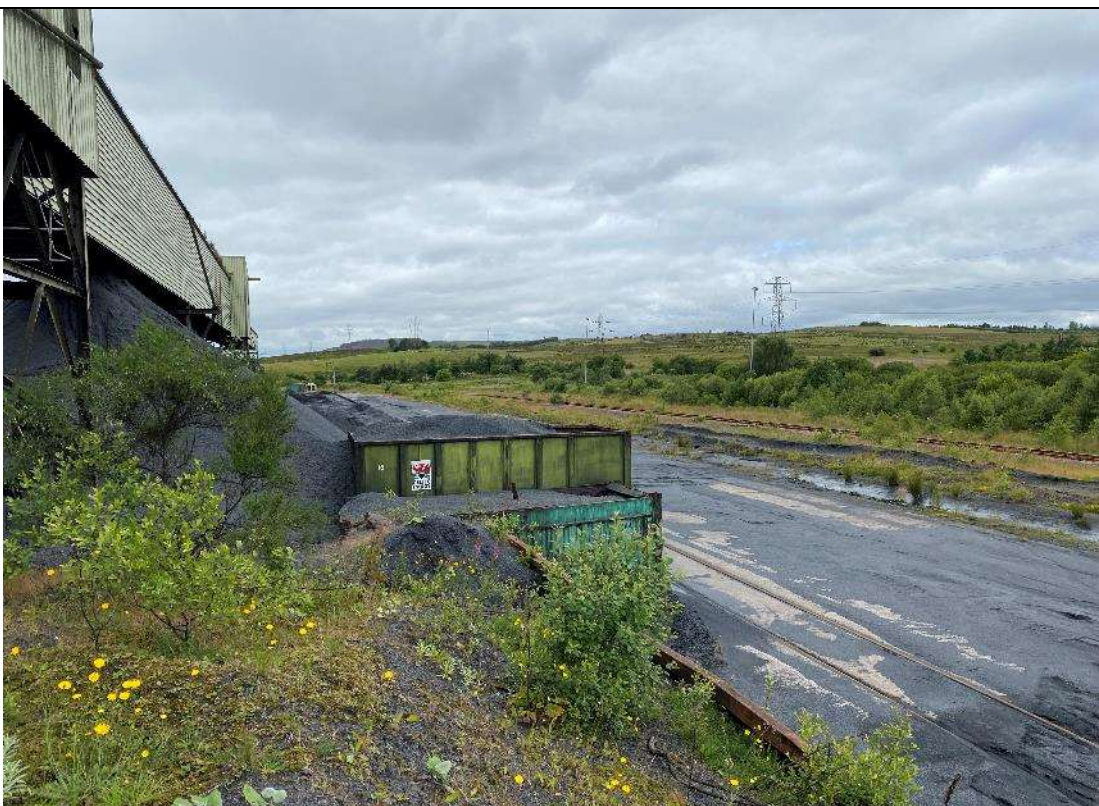
Photo No. 43	Date: 6 July 2022	
Railway Land (024) View of the northern portion of Washery site with Nant Helen in the background. Railway tracks and railway land present. Land falls at 1:1, exposed soils appear to be made ground of colliery spoil. The photograph aspect is north-west.		

Photo No. 44	Date: 6 July 2022	
Retaining wall (025) View of the northern portion of Washery site. Railway tracks and railway land present. The photograph aspect is north.		

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Photo No. 45	Date: 6 July 2022	
Retaining wall (025) View of the northern portion of Washery site. Railway tracks and railway land present. The photograph aspect is north-east.		

Photo No. 46	Date: 6 July 2022	
Drain at base of slope in area of railway land. The photograph aspect is east.		

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Photo No. 47	Date: 6 July 2022	
Railway Land (023) View of railway sidings, two tracks currently present, with relict evidence of two unused tracks. Ballast appears clean and made of BOS slag. Monitoring well BH29R from Arup GI. The photograph aspect is east.		

Photo No. 48	Date: 6 July 2022
Railway Land (023) View of railway sidings, two tracks currently present, with relict evidence of two unused tracks. The photograph aspect is west.	

A photograph of railway sidings under a cloudy sky. Two active tracks run parallel to a gravel area, with overgrown vegetation on the right. In the background, there is a large industrial structure with a green roof, a tall antenna, and a power line tower.

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Photo No.
49

Date:
6 July 2022

Stockpile (023)

View south across washery from railway land.

The photograph aspect is south.


Photo No.
50

Date:
6 July 2022

Electricity substation / control room on railway land (024)

View of prefabricated cabin holding electrical equipment.

Former railway tracks to right running up to building 014.

The photograph aspect is east.



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Photo No. 51	Date: 6 July 2022	
Lagoons (025) View of lagoons in north of site. The photograph aspect is south-west.		

Photo No. 52	Date: 6 July 2022	
Railway Land (023) View of railway land and off-site bridge crossing it used to access Washery from the north. Light staining on ballast. The photograph aspect is west.		

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Photo No. 55	Date: 6 July 2022	
Loading Bays (026) View of loading bay and stockpiled gravel and empty AST beyond. The photograph aspect is west.		

Photo No. 56	Date: 6 July 2022	
Plant Parking (027) View of area used for plant parking, former weighbridge and building of unknown use to right. The photograph aspect is west.		

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Photo No. 59	Date: 6 July 2022	
Site Office (031) View of the site office (031) and Visitors Centre (032) to right. Buildings associated with former colliery use. The photograph aspect is north.		

Photo No. 60	Date: 6 July 2022	
Lagoon (030) View of the lagoon that supplies welfare unit baths and corner of pump house. View to plant parking area beyond. The photograph aspect is north-west.		

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Photo No. 61	Date: 6 July 2022	
Plant Parking area (027) View of the site boundary fence and the reduction in ground level in the adjacent Tesco delivery yard. The photograph aspect is east-north-east.		

Photo No. 62	Date: 6 July 2022	
Suspected Asbestos Containing Material (033) Fragments of cement with visible fibres observed on surface of land to north of Plant Parking (027) and south of lagoon (025). Suspected chrysotile asbestos.		

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Photo No. 63	Date: 6 July 2022	
Vehicle Repair Garage (034) View of vehicle repair garage, building locked. Yard area used for parking plant and scrapyard (035) of vehicle parts. The photograph aspect is south.		

Photo No. 64	Date: 6 July 2022	
Scrapyard (035) View of abandoned skip lorry, tyres etc. The photograph aspect is north.		

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Photo No. 65	Date: 6 July 2022	
Scrapyard (035) View of waste skips and boiler. Boiler contains fibrous white insulation (suspected ACM).		

Photo No. 66	Date: 6 July 2022	
Scrapyard (035) View of scrapyard area, holds wheels, tyres, vehicle parts, bund of made ground (C&D material). The photograph aspect is south-west.		

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Photo No. 69	Date: 7 July 2022	
Chemical Store (036) View of chemical store used by site laboratory. The photograph aspect is east.		

Photo No. 70	Date: 7 July 2022	
Laboratory (037) View of site laboratory used to assess quality and composition of coal. The photograph aspect is south.		

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Photo No. 72	Date: 7 July 2022	
Vehicle Repair Garage (038) View of AdBlue (039) and lube oil (040) and oil barrel bundled storage (041). Engine parts, tyres and scrap material in foreground and surrounds. The photograph aspect is east.		

Photo No. 73	Date: 7 July 2022	
Vehicle Repair Garage (038) View vehicle repair garage and land rovers being repaired / stripped for parts. Heavy staining on concrete from coal dust. The photograph aspect is south.		

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Site: GCRE (Onllywyn Washery)

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Photo No. 74	Date: 7 July 2022	
Electrical Substation (042) View of substation. The photograph aspect is north-west.		

Photo No. 75	Date: 7 July 2022	
Electrical Substation (043) View of substation. The photograph aspect is north-west.		

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Photo No. 78	Date: 7 July 2022	
Washery Structure (045) View of washery building 045, building 014 to rear. Empty IBC in middle ground. The photograph aspect is north.		

Photo No. 79	Date: 7 July 2022	
Washery Structures (046) View of washery structure 046. Structure 047 to rear of photograph aspect The photograph aspect is north-east.		

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Photo No.
80

Date:
7 July 2022

Washery Structure (047)

View of interior of structure 047.

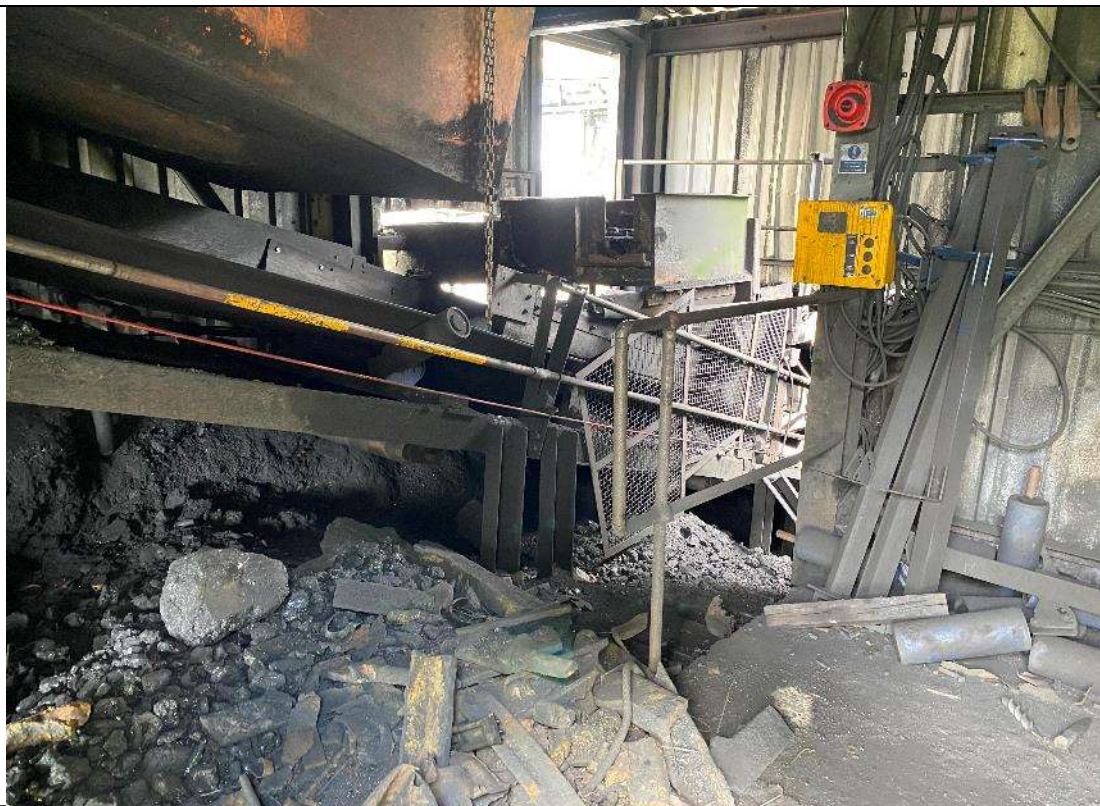


Photo No.
81

Date:
7 July 2022

Weighbridge (048)

View of HGV site entrance and office. Weighbridge to left.

The photograph aspect is west.



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Site: GCRE (Onllywyn Washery)

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Photo No. 82	Date: 7 July 2022	
Wheel Wash (049) View of wheel wash, lagoon (050) located to right hand side supplying water for its use. The photograph aspect is west.		

Photo No. 83	Date: 7 July 2022	
Southern Boundary View of sites southern boundary with Onllwyn. The photograph aspect is west.		

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Site: GCRE (Onllywyn Washery)
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Photo No. 84	Date: 7 July 2022	
Southern Boundary View of sites southern boundary with Onllwyn. The photograph aspect is east.		

Photo No. 85	Date: 7 July 2022	
South of Washery View of area of colliery spoil in south of site. The photograph aspect is south.		

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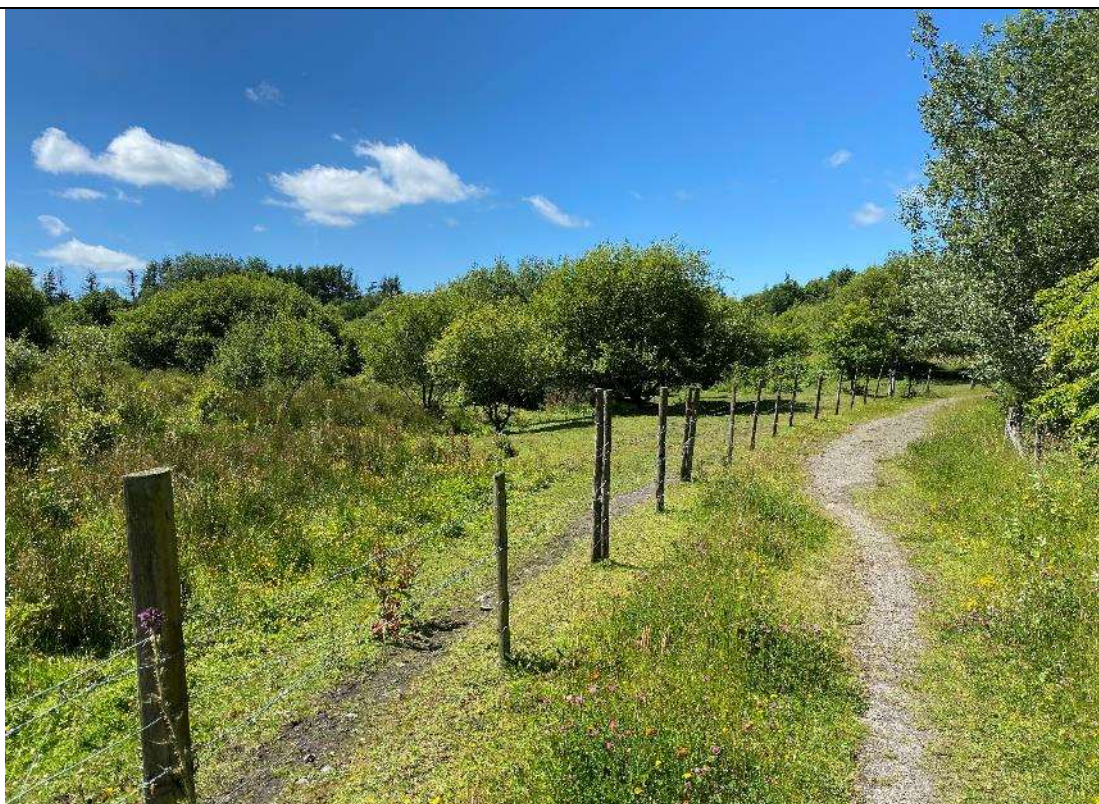
Photo No. 86	Date: 7 July 2022	
Former Railway Land (051) View of former railway track crossing south eastern end of Washery site. The photograph aspect is south-east.		

Photo No. 87	Date: 7 July 2022	
Former Railway Land (051) View of former railway track crossing south eastern end of Washery site. The photograph aspect is north-west.		

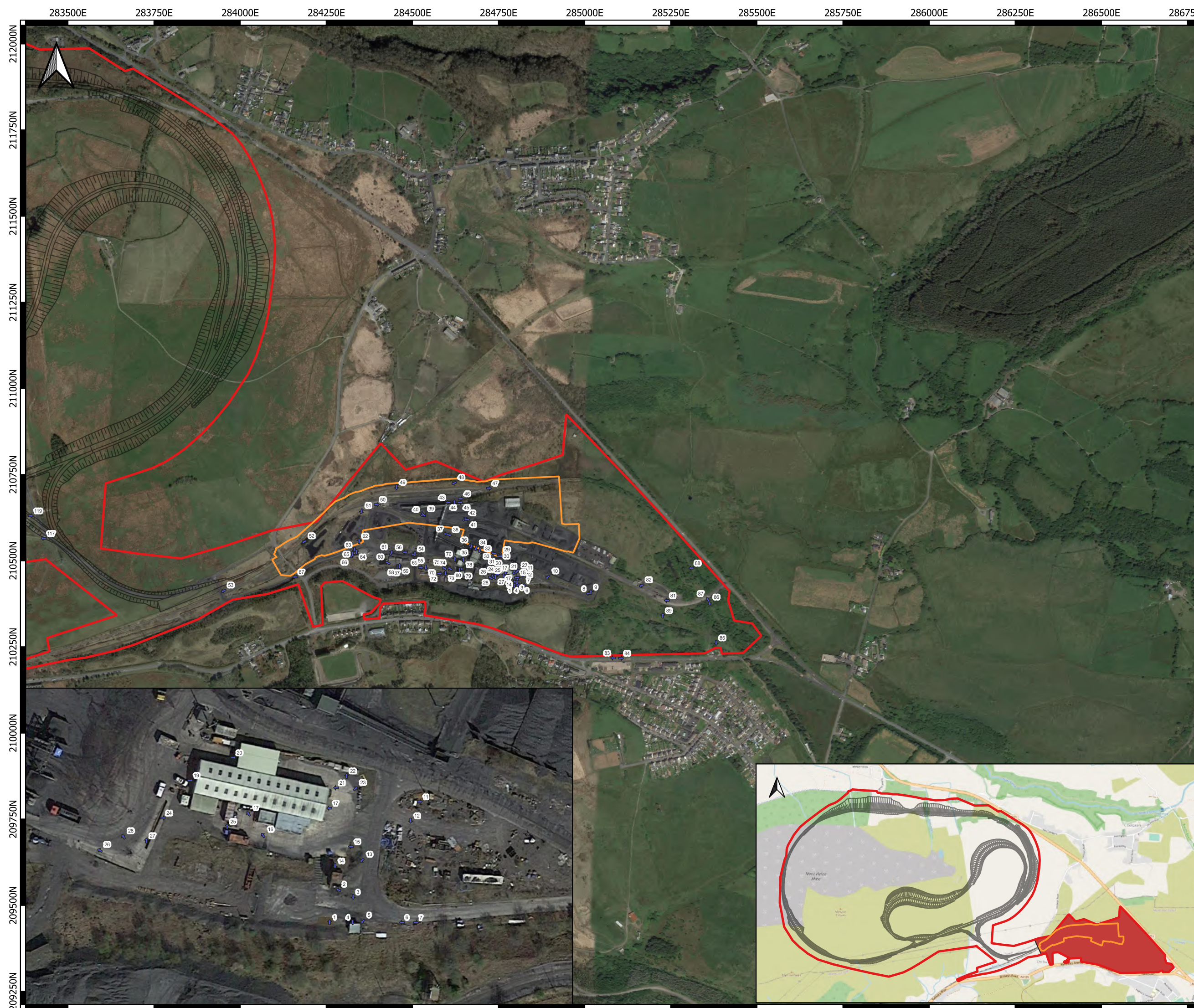
Client Name: Global Centre of Rail Excellence

Site: GCRE (Onllywyn Washery)

Project No. 5209796

Photo No. 88	Date: 7 July 2022	
Lagoons (052 to 054) View of lagoons in east of site. Vegetation to thick to view well. The photograph aspect is west.		

Photo No. 89	Date: 7 July 2022	
Weighbridge (048) View of weighbridge and site office from colliery spoil heap. The photograph aspect is north.		



Legend

Site Boundary

Earthwork Design

ARUP GI 2021 to 2022

Earthwork Zone 1

Rotary Open Holed Borehole

Rotary Cored Borehole

Trial Pit

Earthwork Zone 1

Earthwork Zone 1 boundary

Ground Model 1A boundary

Ground Model 1B boundary

CLAH Walkover Photos

0100200m

WALTERS

ATKINS

CIVIL ENGINEERING · PLANT · DEVELOPMENT

Member of the SNC-Lavalin Group

CLIENT

GCRC Ltd

PROJECT

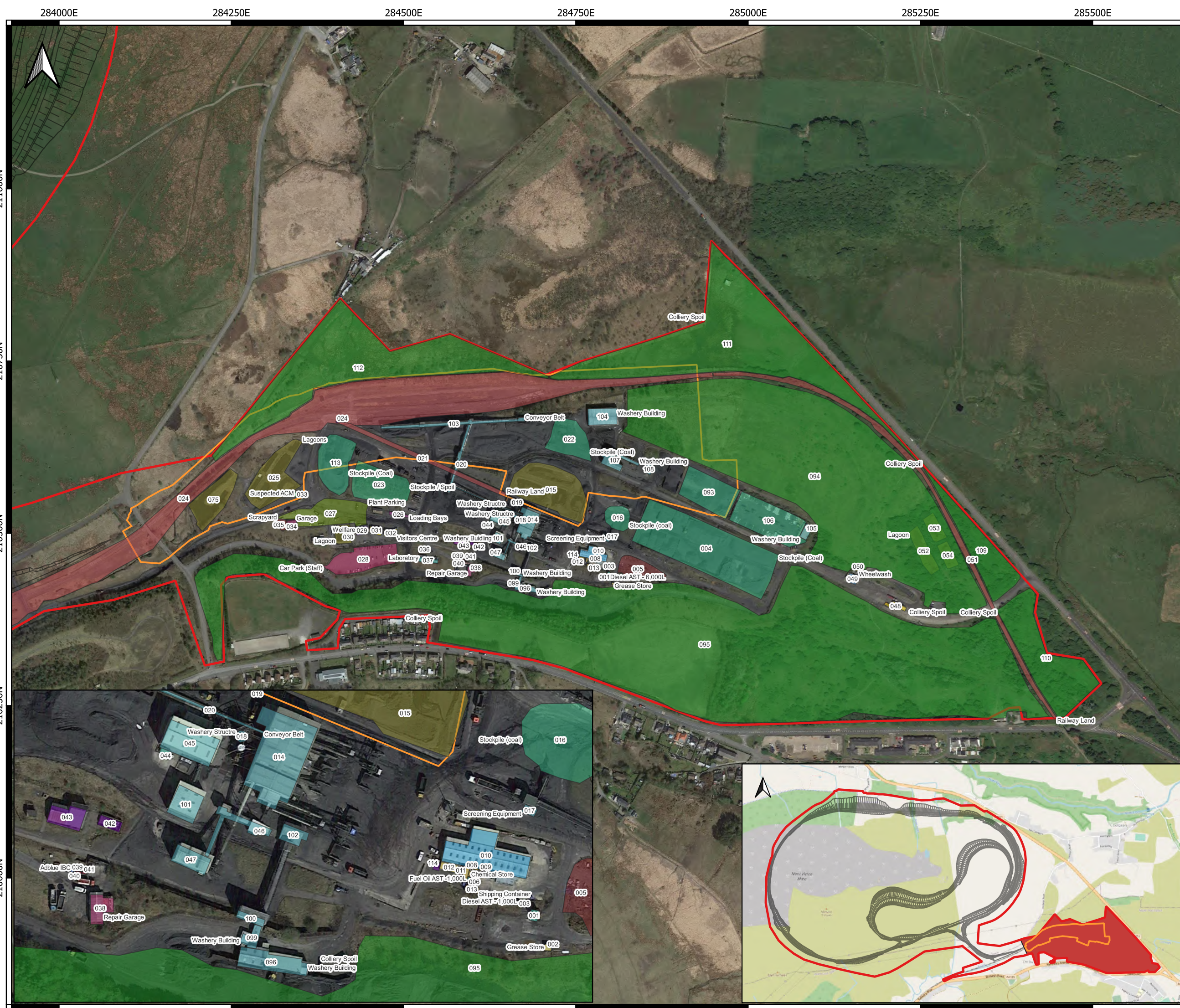
Global Centre for Rail Excellence (GCRC)

TITLE

Washery - CLAH Walkover Photograph Location Plan

OpenStreetMap standard mapping -

<https://www.openstreetmap.org>



Legend

Site Boundary

Washery Phase 1A Earthwork Boundary

Earthwork Zone 1

Earthwork Zone 1

CLAH Site Walkover

Workshop

Wheelwash

Waste Storage

Washery Building

Chemical Store

Storage

Stockpile

Colliery Spoil

Scrapyard

Railway Land (Former & Current)

Plant Parking

Paddocks

Oil Storage

Office Buildings

Lagoons

Laboratory

Intermediate Bulk Containers

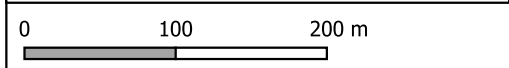
Vehicle Repair Garage

E-Substation

Car Parking

Boiler

Aboveground Storage Tank



WALTERS
CIVIL ENGINEERING · PLANT · DEVELOPMENT

ATKINS
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CLIENT

GCRE Ltd

PROJECT

Global Centre for Rail Excellence (GCRE)

TITLE

Washery - CLAH Walkover Land Use Plan

OpenStreetMap standard mapping - <https://www.openstreetmap.org>

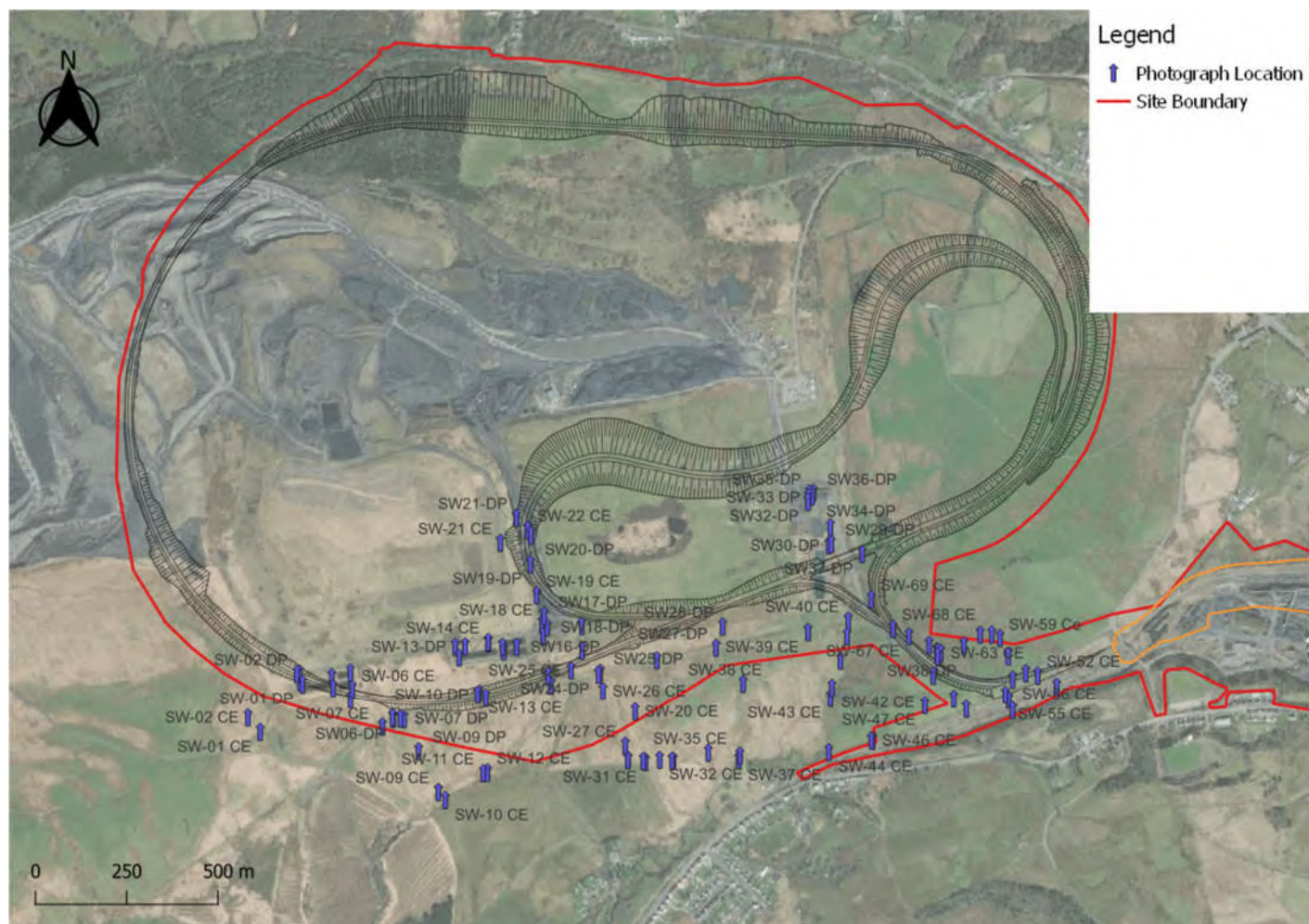
H.3. Hydrogeology

Client Name: Global Centre of Rail Excellence

Site: GCRE (Main Site)

Project No. 5209796

Photograph Location Plan



NB: Please refer to walkover drawings for building ID and polygonised land use occurring at location.

**Client Name: Global Centre of
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Photo No.	Date:	
SW-01 CE	12 July 2022	
Surface Water Feature SW-01 CE: Surface Water Course (Minor ditch), possibly used as a field drainage/runoff. No water flowing observed at the time. Approximate measurements 1.2m wide, 0.8m depth.		

Photo No.	Date:	
SW-02 CE	12 July 2022	
Surface Water Feature SW-02 CE: Marshy Land, rainfall/runoff. Mildly wet. No water flowing observed at the time. Approximate measurements 10m wide.		

Client Name: Global Centre of Rail Excellence

Site: GCRE (Main Site)

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Photo No. SW-03 CE	Date: 12 July 2022	
Surface Water Feature SW-03 CE: Lagoon, water storage area, probably lined with low permeability material, drainage/runoff from restoration area. No water flowing observed at the time. Approximate measurements 5m wide, 10m length. Measurements DO 103.83%, ORP 137.5 mV, Cond 134.34 ms/cm, pH 7.34, T22.8C		

Photo No. SW-04 CE	Date: 12 July 2022	
Surface Water Feature SW-04 CE: Lagoon, water storage area, probably lined, drainage/runoff from restoration area. No water flowing observed at the time. Approximate measurements 5m wide, 10m length. DO 95.89%, ORP 211.0 mV, Cond 144.6ms/cm, pH 7.61, T21.7		

Client Name: Global Centre of Rail Excellence

Site: GCRE (Main Site)

Project No. 5209796

Photo No.	Date:	
SW-06 CE	12 July 2022	
Surface Water Feature SW-06 CE: Discharge ditch from lagoon, lined with concrete cast approximately 70cm wide and 40cm depth, drainage/runoff from lagoon. No water flowing observed at the time. Approximate measurements 5m wide, 10m length.		

Photo No.	Date:	
SW-07 CE	12 July 2022	
Surface Water Feature SW-07 CE: Surface Water Course (minor ditch), possibly used as a field drainage/runoff. Not lined. No water flowing observed at the time. Approximate measurements 3m wide, 2m depth.		

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Site: GCRE (Main Site)

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Photo No.	Date:	
SW-10 CE	12 July 2022	
Surface Water Feature SW-10 CE: Surface Water Course (Stream), collecting water from all other discharge drains. Not lined, probably natural. Approximate measurements 0.5m wide, 2.5cm depth. Average speed 0.008m/s, DO 102.5, ORP123.9, Cond 1225.1, pH 8.38, T 19.69.		

Photo No.	Date:	
SW-11 CE	12 July 2022	
Surface Water Feature SW-11 CE: Surface Water Course (minor ditch), possibly used as a field drainage/runoff. Not lined. Ground slightly wet. No water flowing observed at the time. Approximate measurements 2.5m wide, 0.5m depth.		

Client Name: Global Centre of Rail Excellence

Site: GCRE (Main Site)

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Photo No.	Date:	
SW-14 CE	12 July 2022	
Surface Water Feature SW-14 CE: Surface Water Course (Minor ditch), possibly used as to collect restoration area drainage/runoff. Lined. No water flowing observed at the time. Approximate measurements 5m wide, 1m depth.		

Photo No.	Date:	
SW-15 CE	12 July 2022	
Surface Water Feature SW-15 CE: Surface Water Course (Minor ditch), possibly used as to collect restoration area drainage/runoff. Lined. No water flowing observed at the time. Approximate measurements 5m wide, 1m depth.		