

## Drawings

Addendum to Planning Statement and Second Addendum to Environmental Statement

# Nant Llesg Surface Mine

Incorporating Land Remediation





# Drawings

Addendum to Planning Statement &  
Second Addendum to Environmental Statement

Applicant's Response to  
Post-Application Representations

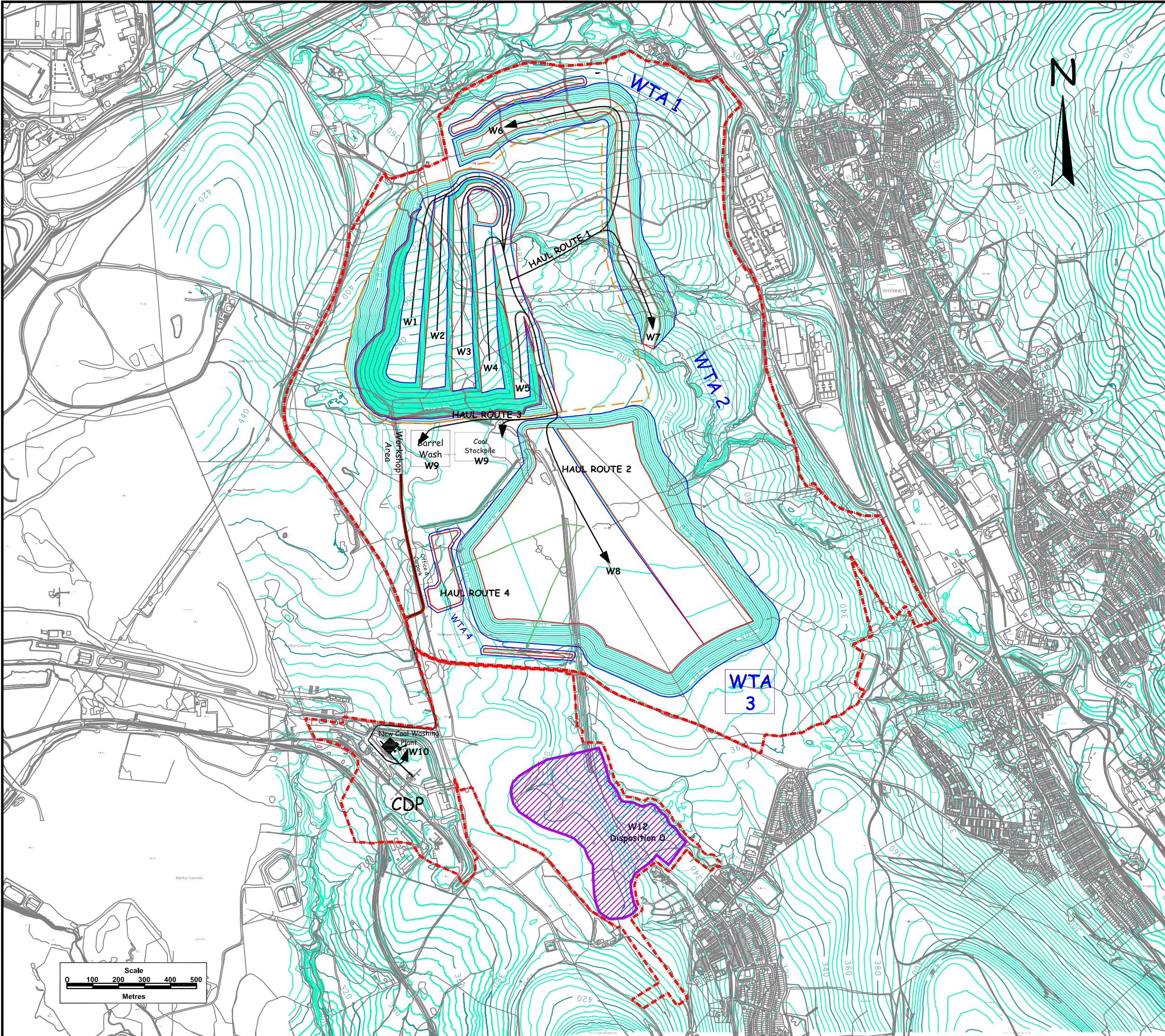


## Drawings: Addendum to Planning Statement & Second Addendum to Environmental Statement

### Contents Page

MA/NL/PA/045	Disposition 1 – Development of Box Cut
MA/NL/PA/046	Disposition 2 – Maximum Void
MA/NL/PA/047	Disposition 3 – Interim Void
MA/NL/PA/048	Disposition 4 – End of Coaling
MA/NL/PA/049	Disposition 5 – Restoration
MA/NL/PA/050	Cross Sections Through Overburden Mound – Section Location Plan
MA/NL/PA/051	Cross Sections Through Overburden Mound – Section A-A – From Nearest Property in Rhymney
MA/NL/PA/052	Cross Sections Through Overburden Mound – Section B-B – From Nearest Property in Fochriw
MA/NL/PA/053	Cross Sections Through Overburden Mound – Viewpoints 1A, 2, 3A, 3B and 23 – Section Location Plan
MA/NL/PA/054	Cross Sections Through Overburden Mound – Viewpoints 1A and 2
MA/NL/PA/055	Cross Sections Through Overburden Mound – Viewpoints 3A, 3B and 23
MA/NL/PA/056	Site Layout and Soil Forming Material Storage Area within Overburden Mound
MA/NL/PA/057	Position and Profile of Additional Noise Screening Bund
MA/NL/PA/058	Typical Detail of Acoustic Noise Fence
MA/NL/PA/059	Habitat Restoration Plan
MA/NL/ES/16/021-2A	Cumulative LVIA Timeline With Other Developments
MA/NL/ES/16/022	Light Spill Plots 1 and 2





**KEY**

- Planning Application Site Area
- Coal Working Excavation Area
- Haul Route (Coal and Over Burden)
- Haul Route (Soil Strip)

**WORKING PLANT LOCATIONS**

Workings W1	1 No Hyd. Excavator 7m3 2 No 6" H/Lift Pumps
Workings W2	1 No Hyd. Excavator 15m3 1 No Hyd. Excavator 7m3
Workings W3	1 No Hyd. Excavator 15m3
Workings W4	1 No Hyd. Excavator 15m3
Workings W5	1 No Hyd. Excavator 15m3
Workings W6/7	2 No 50t Dozer (1 each at W6/7) First 4 Months
Workings W8	2 No 50t Dozer After 4 Months
Workings W9	1 No 400t/hr Dense Medium Wash Plant 1 No 200t/hr Barrel Wash Plant

Haul Route 1 - From W4&5 Split 50:50 to W6/W7 First 4 Months  
20 No 90t Dump Trucks  
6 No 60t Dump Trucks  
3 No Water Bowsers  
2 No Graders

Haul Route 2 - From W1-5 to W8 After 4 Months  
26 No 90t Dump Trucks  
7 No 60t Dump Trucks  
3 No Water Bowsers  
2 No Graders

Haul Route 3 - From W1-5 to W9 After 4 Months  
15 No 40t Articulated Dump Trucks

Haul Route 4 - From W9 to W10/W11 After 4 Months  
6 No 25t Coal Trucks  
1 No Tractor Bowser

The Following Items of Plant Could be Anywhere in Working Areas W1-W5

- 2 No 35t Coal Excavators
- 4 No 25t Coal Cleaner/Excavators
- 3 No 24t Coal Cleaner/Excavators
- 2 No 50t Dozers
- 2 No 28t Rubber Tyred Dozers
- 1 No Drill Rig
- 1 No 25t Articulated Fuel Bowser
- 2 No Personnel Carriers
- Up To 8 No Landrovers

The Following Items of Plant Would Work in Area W12 (Early reclamation area) for up to 6 months.

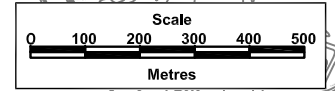
- 1no. 20t excavator (Cat 320)
- 2no. 25t Articulated Dump Trucks (Cat 725)
- 1no. JCB Excavator
- 1no. 6t Dumper (as used on most building/Construction sites)
- 1no. Bomag 1300 mm wide drum Roller (again as used on most construction sites)

**MA/NL/PA/045**

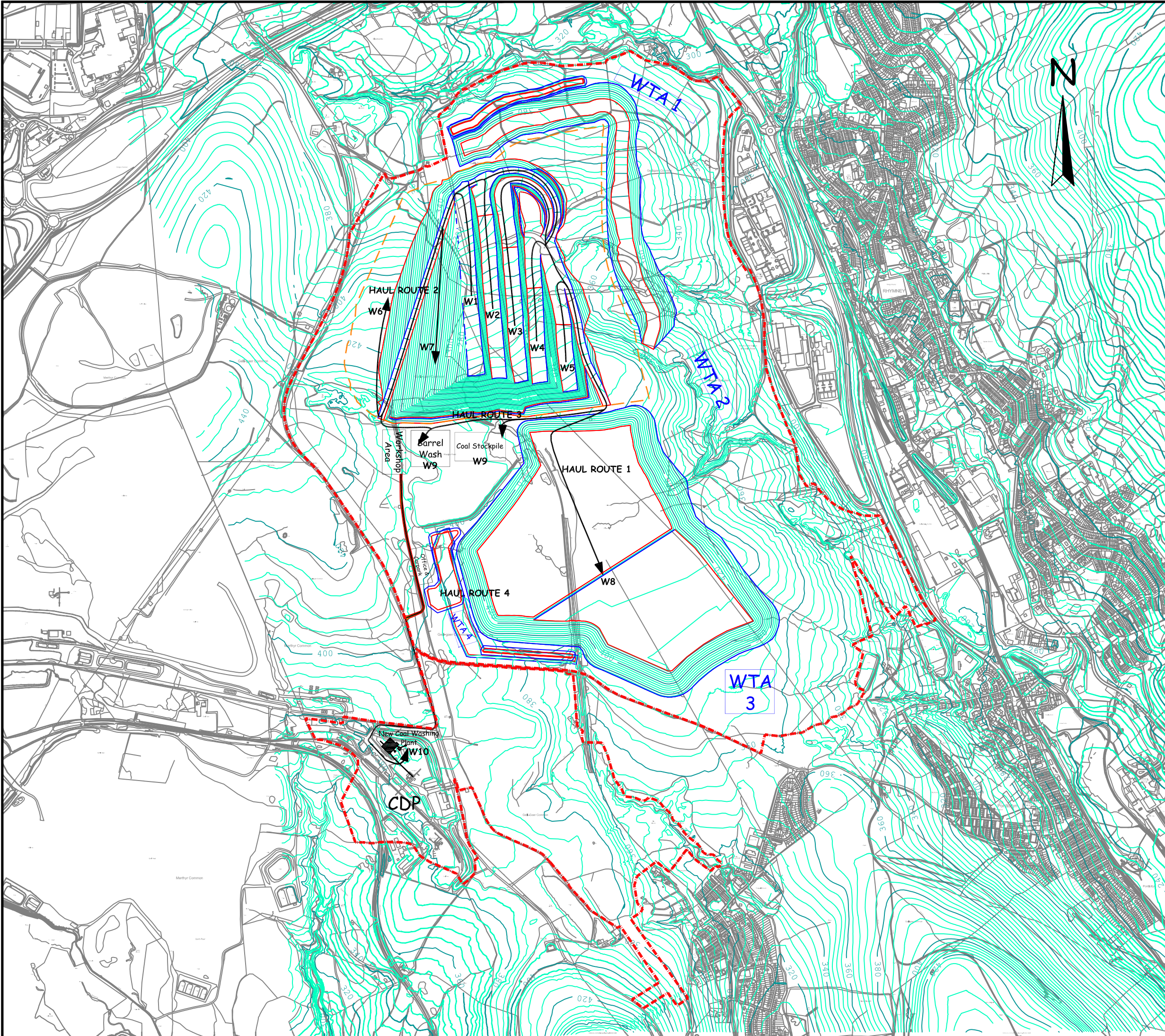
**Nant Llesg Surface Mine  
Incorporating Land Remediation**

**Disposition 1 - Development  
of Box Cut**

SCALE: NTS      DATE: 31/03/2014



Reproduced from MasterMap @ 1:1250/1:2500 scale data by permission of Ordnance Survey @ on behalf of The Controller of Her Majesty's Stationery Office. © Crown copyright and database rights Ordnance Survey licence number 100050351



- KEY**
- Planning Application Site Area
  - Coal Working Excavation Area
  - Haul Route (Coal and Over Burden)

- WORKING PLANT LOCATIONS**
- Workings W1 1 No Hyd. Excavator 7m3  
2 No 6" H/Lift Pumps
  - Workings W2 1 No Hyd. Excavator 15m3  
1 No Hyd. Excavator 7m3
  - Workings W3 1 No Hyd. Excavator 15m3
  - Workings W4 1 No Hyd. Excavator 15m3
  - Workings W5 1 No Hyd. Excavator 15m3
  - Workings W6/7 2 No 50t Dozer
  - Workings W8 2 No 50t Dozer
  - Workings W9 1 No 400t/hr Dense  
Medium Wash Plant  
1 No 200t/hr Barrel Wash  
Plant
  - Haul Route 1 - From W1-5 Split 50:50 to  
W6/W7  
26 No 90t Dump Trucks  
7 No 60t Dump Trucks  
3 No Water Bowsers  
3 No Graders  
**OR**
  - Haul Route 2 - From W1-5 to W8  
26 No 90t Dump Trucks  
7 No 60t Dump Trucks  
3 No Water Bowsers  
3 No Graders
  - Haul Route 3 - From W1-5 to W9  
15 No 40t Articulated Dump  
Trucks
  - Haul Route 4 - From W9 to W10  
6 No 25t Coal Trucks  
1 No Tractor Bowser
  - The Following Items of Plant Could be  
Anywhere in Working Areas W1-W5  
2 No 35t Coal Excavators  
4 No 25t Coal  
Cleaner/Excavators  
3 No 24t Coal  
Cleaner/Excavators  
2 No 28t Rubber Tyred
  - Dozers  
1 No Drill Rig  
1 No 25t Articulated Fuel  
Bowser  
2 No Personnel Carriers  
Up To 8 No Landrovers

**MA/NL/PA/046**

**Nant Llesg Surface Mine  
Incorporating Land Remediation**

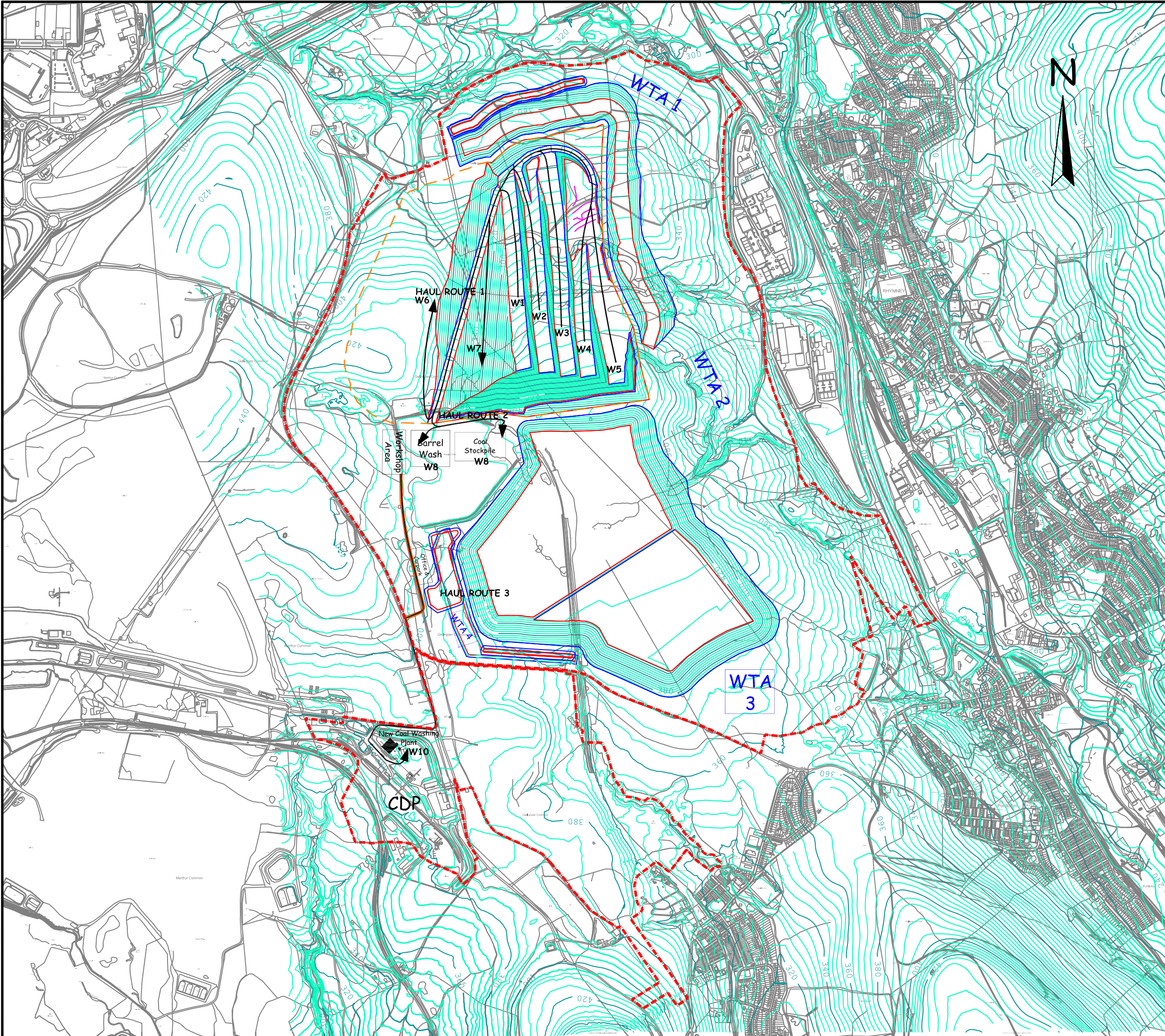
**Disposition 2 - Maximum Void**

SCALE: NTS	DATE: 31/03/2014
---------------	---------------------



Reproduced from MasterMap @ 1:1250/1:2500 scale data by permission of Ordnance Survey @ on behalf of The Controller of Her Majesty's Stationery Office. © Crown copyright and database rights Ordnance Survey licence number 100050351





- KEY**
- Planning Application Site Area
  - Coal Working Excavation Area
  - Haul Route (Coal and Over Burden)

- WORKING PLANT LOCATIONS**
- |   |   |
|---|---|
| Workings W1   | 1 No Hyd. Excavator 7m3<br>2 No 6" H/Lift Pumps                                     |
| Workings W2   | 1 No Hyd. Excavator 15m3<br>1 No Hyd. Excavator 7m3                                 |
| Workings W3   | 1 No Hyd. Excavator 15m3  |
| Workings W4   | 1 No Hyd. Excavator 15m3  |
| Workings W5   | 1 No Hyd. Excavator 15m3  |
| Workings W6/7   | 2 No 50t Dozer  |
| Workings W8   | 1 No 400t/hr Dense<br>Medium Wash Plant   |
| Plant   | 1 No 200t/hr Barrel Wash  |
| Haul Route 1 - From W1-5 Split 50:50 to W6/W7                         | 22 No 90t Dump Trucks<br>3 No 60t Dump Trucks<br>3 No Water Bowsers<br>2 No Graders |
| Haul Route 2 - From W1-5 to W8  | 15 No 40t Articulated Dump Trucks   |
| Haul Route 3 - From W9 to W10   | 6 No 25t Coal Trucks<br>1 No Tractor Bowser   |
| The Following Items of Plant Could be Anywhere in Working Areas W1-W5 | 2 No 35t Coal Excavators<br>4 No 25t Coal   |
| Cleaner/Excavators  | 3 No 24t Coal   |
| Cleaner/Excavators  | 2 No 28t Rubber Tyred   |
| Dozers  | 1 No Drill Rig<br>1 No 25t Articulated Fuel   |
| Bowser  | 2 No Personnel Carriers<br>Up To 8 No Landrovers                                    |

**MA/NL/PA/047**

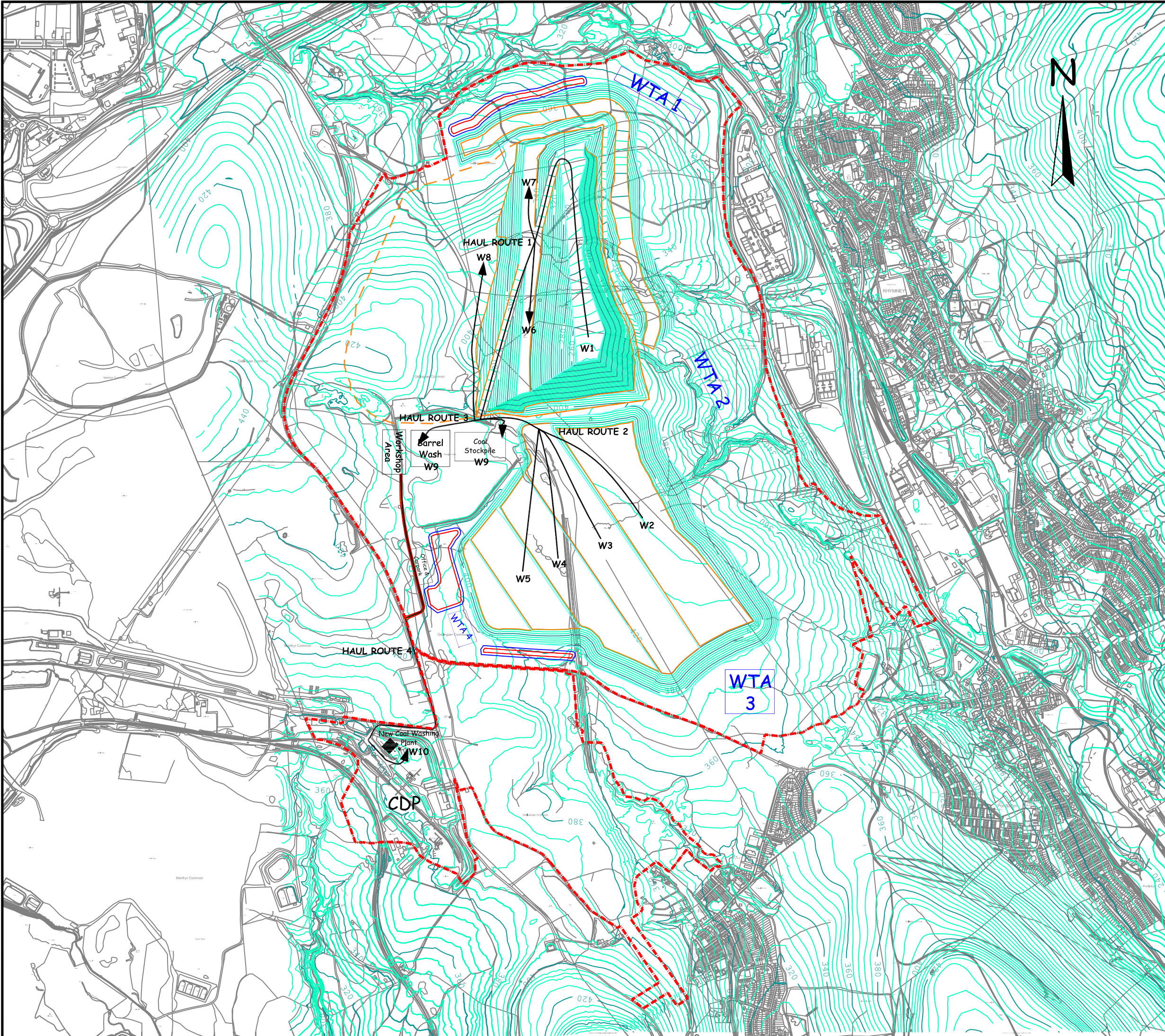
**Nant Llesg Surface Mine  
Incorporating Land Remediation**

**Disposition 3 - Interim Void**

SCALE:	NTS	DATE:	31/03/2014
--------	-----	-------	------------



Reproduced from MasterMap @ 1:1250/1:2500 scale data by permission of Ordnance Survey @ on behalf of The Controller of Her Majesty's Stationery Office. © Crown copyright and database rights Ordnance Survey licence number 100050351



- KEY**
- Planning Application Site Area
  - Coal Working Excavation Area
  - Haul Route (Coal and Over Burden)

**WORKING PLANT LOCATIONS**

- Workings W1    1 No Hyd. Excavator 7m3  
                  2 No 6" H/Lift Pumps
- Workings W2    1 No Hyd. Excavator 15m3  
                  1 No Hyd. Excavator 7m3
- Workings W3    1 No Hyd. Excavator 15m3
- Workings W4    1 No Hyd. Excavator 15m3
- Workings W5    1 No Hyd. Excavator 15m3
- Workings W6/7  2 No 50t Dozer
- Workings W8    1 No 400t/hr Dense  
Medium Wash Plant  
                  1 No 200t/hr Barrel Wash  
Plant
- Haul Route 1 - From W1-5 Split 50:50 to  
W6/W7  
                  22 No 90t Dump Trucks  
                  3 No 60t Dump Trucks  
                  3 No Water Bowsers  
                  2 No Graders
- Haul Route 2 - From W1-5 to W8  
Trucks  
                  15 No 40t Articulated Dump  
Trucks
- Haul Route 3 - From W9 to W10  
                  6 No 25t Coal Trucks  
                  1 No Tractor Bowser
- The Following Items of Plant Could be  
Anywhere in Working Areas W1-W5  
                  2 No 35t Coal Excavators  
                  4 No 25t Coal  
Cleaner/Excavators  
                  3 No 24t Coal  
Cleaner/Excavators  
                  2 No 28t Rubber Tyred  
Dozers  
                  1 No Drill Rlg  
                  1 No 25t Articulated Fuel  
Bowser  
                  2 No Personnel Carriers  
                  Up To 8 No Landrovers

**MA/NL/PA/048**

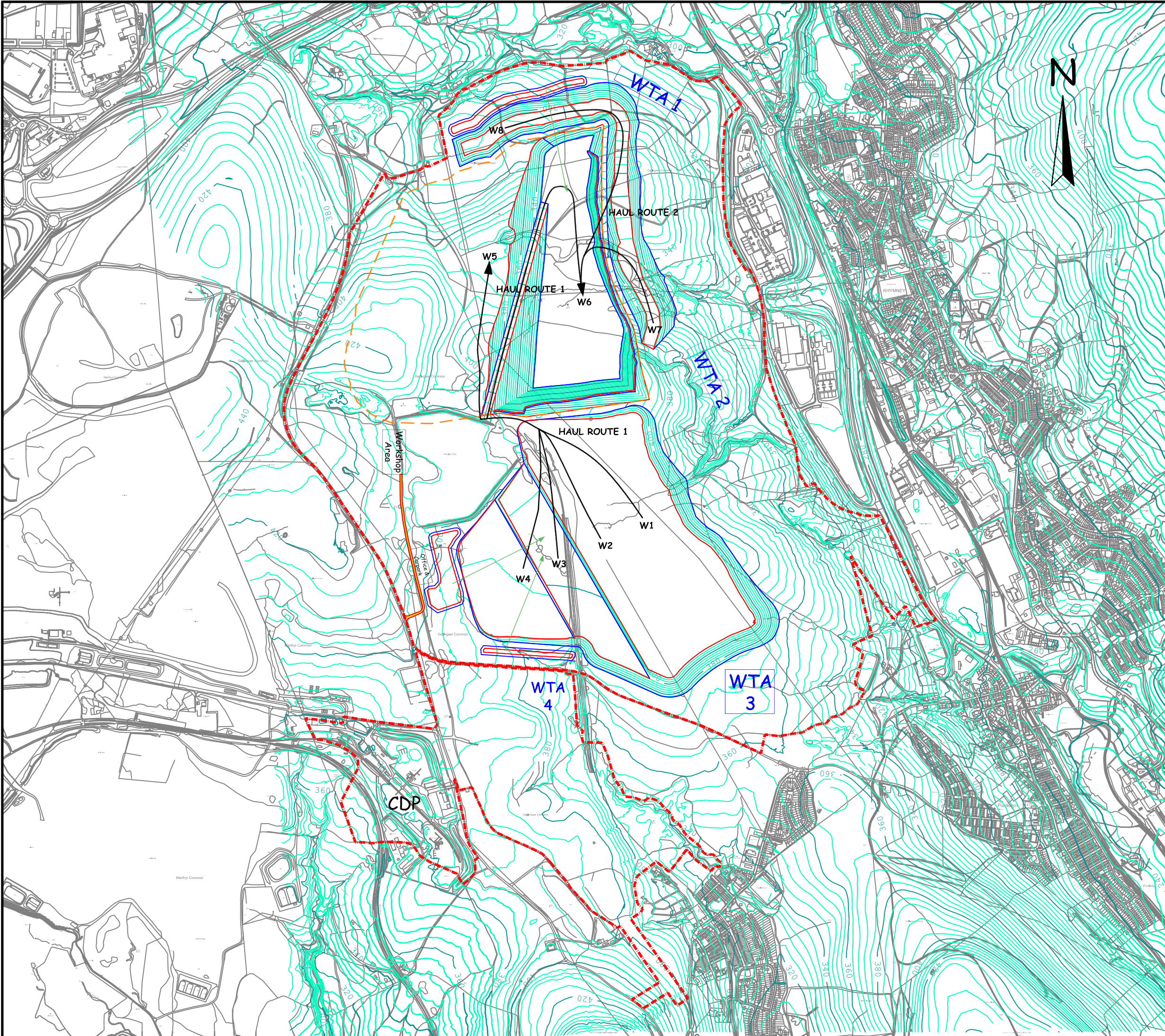
**Nant Llesg Surface Mine  
Incorporating Land Remediation**

**Disposition 4 - End of Coaling**

SCALE:	DATE:
NTS	31/03/2014



Reproduced from MasterMap @ 1:1250/1:2500 scale data by permission of Ordnance Survey @ on behalf of The Controller of Her Majesty's Stationery Office. © Crown copyright and database rights Ordnance Survey licence number 100050351



- KEY**
- - - Possible Planning Application Site Area
  - - - Coal Working Excavation Area
  - Haul Route (Coal and Over Burden)
  - Haul Route (Soil Strip)

**WORKING PLANT LOCATIONS**

- Workings W1 1 No Hyd. Excavator 15m3
  - Workings W2 1 No Hyd. Excavator 15m3
  - Workings W3 1 No Hyd. Excavator 15m3
  - Workings W4 1 No Hyd. Excavator 15m3
  - Workings W5-6 4 No 50t Dozer
  - Workings W7/8 2 No Hyd. Excavators 15m3 (Last 6 Months)
- Haul Route 1 - From W1-W4 Split between W5-W6 (Last 6 Months)
- 30 No 90t Dump Trucks
  - 3 No Water Bowsers
  - 3 No Graders
- Haul Route 2 - From W7-W8 Split between W5-W6 (Last 6 Months)
- 10 No 90t Dump Trucks
  - 2 No Water Bowsers
  - 2 No Graders
- The Following Items of Plant Could be Anywhere in Working Areas W1-8
- 2 No 28t Rubber Tyred Dozers
  - 1 No 25t Articulated Fuel Bowser
  - 2 No Personnel Carriers
  - Up To 8 No Landrovers

**MA/NL/PA/049**

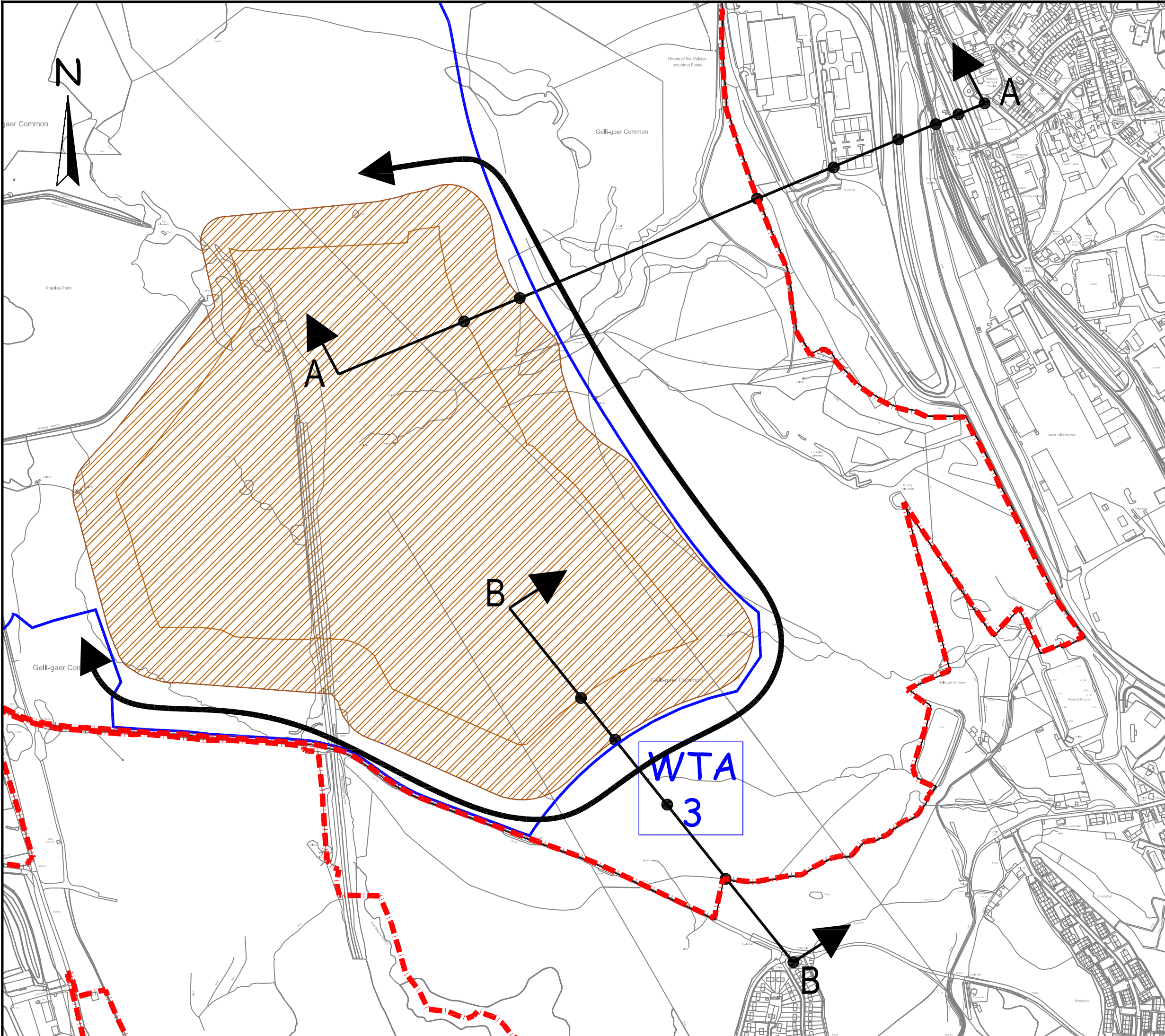
**Nant Llesg Surface Mine  
Incorporating Land Remediation**

**Disposition 5 - Restoration**

SCALE: NTS	DATE: 31/03/2014
---------------	---------------------



Reproduced from MasterMap © 1:1250/1:2500 scale data by permission of Ordnance Survey © on behalf of The Controller of Her Majesty's Stationery Office. © Crown copyright and database rights Ordnance Survey licence number 100050351



- KEY**
- Planning Application Site Area
  - Operational Boundary
  - Section Line
  - Overburden Mound
  - Points of Interest Shown on Sections
  - Section of Overburden Mound Where Screening Bund is Tipped First

**Nant Llesg Surface Mine  
Incorporating Land Remediation**

**Cross Sections Through  
Overburden Mound**

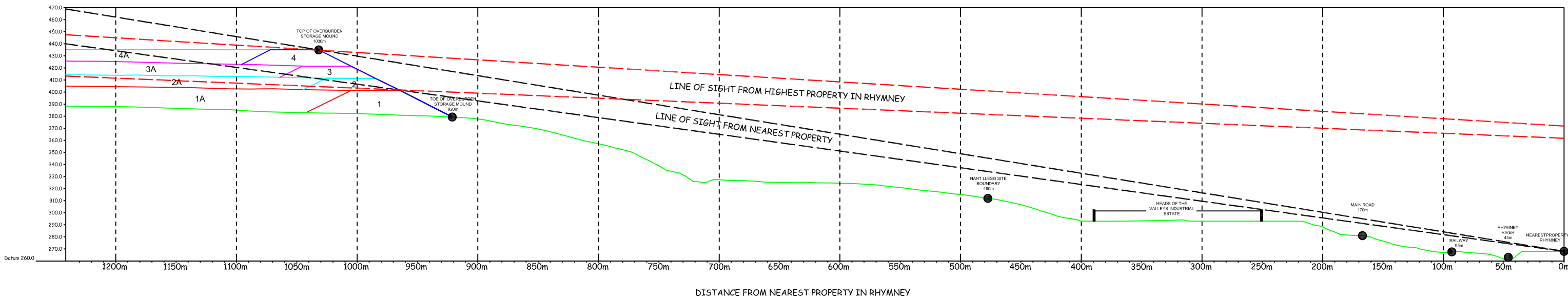
**MA/NL/PA/050**

SCALE: NTS

DATE: 31/03/2014



Reproduced from MasterMap @ 1:1250/1:2500 scale data by permission of Ordnance Survey @ on behalf of The Controller of Her Majesty's Stationery Office. © Crown copyright and database rights Ordnance Survey licence number 100050351



DURATION OF TIPPING OPERATIONS ON OVERBURDEN MOUND				
BUND No.	DURATION	FILL No.	DURATION	MATERIAL SOURCE
1	10 Weeks	1A	29 Weeks	Box-Cut
2	10 Weeks	2A	30 Weeks	Box-Cut
3	7 Weeks	3A	27 Weeks	Box-Cut
4	9 Weeks	4A (O/B Mound Full)	26 Weeks	Box-Cut Then Maximum Void 26 Weeks Total Tipping out of 126 Weeks to Max-Void
TOTALS	36 Weeks		112 Weeks	

**Nant Llesg Surface Mine  
Incorporating Land Remediation**

**Cross Sections Through  
Overburden Mound**

**Section A:A  
From Nearest Property in  
Rhymney to Overburden  
Storage Mound**

**MA/NL/PA/051**

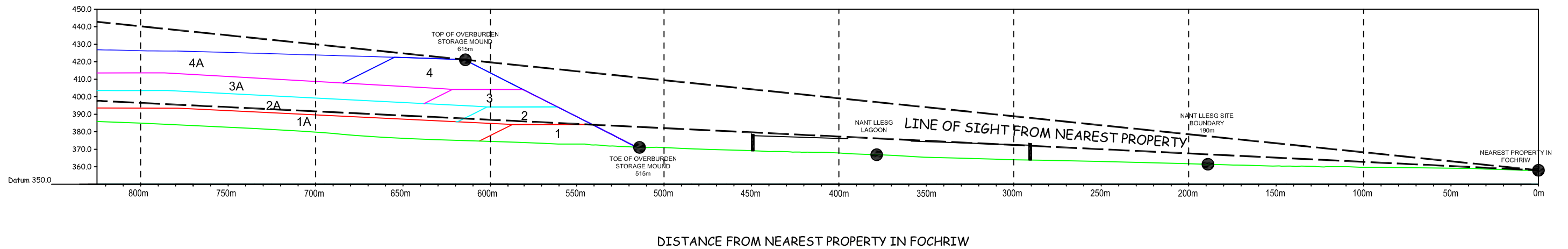
SCALE:

N/A

DATE:

31/03/2014





DURATION OF TIPPING OPERATIONS ON OVERBURDEN MOUND				
BUND No.	DURATION	FILL No.	DURATION	MATERIAL SOURCE
1	10 Weeks	1A	29 Weeks	Box-Cut
2	10 Weeks	2A	30 Weeks	Box-Cut
3	7 Weeks	3A	27 Weeks	Box-Cut
4	9 Weeks	4A (O/B Mound Full)	26 Weeks	Box-Cut Then Maximum Void 26 Weeks Total Tipping out of 126 Weeks to Max-Void
TOTALS	36 Weeks		112 Weeks	

**Nant Llesg Surface Mine  
Incorporating Land Remediation**

**Cross Sections Through  
Overburden Mound**

**Section B:B  
From Nearest Property in  
Fochriw to Overburden  
Storage Mound**

**MA/NL/PA/052**

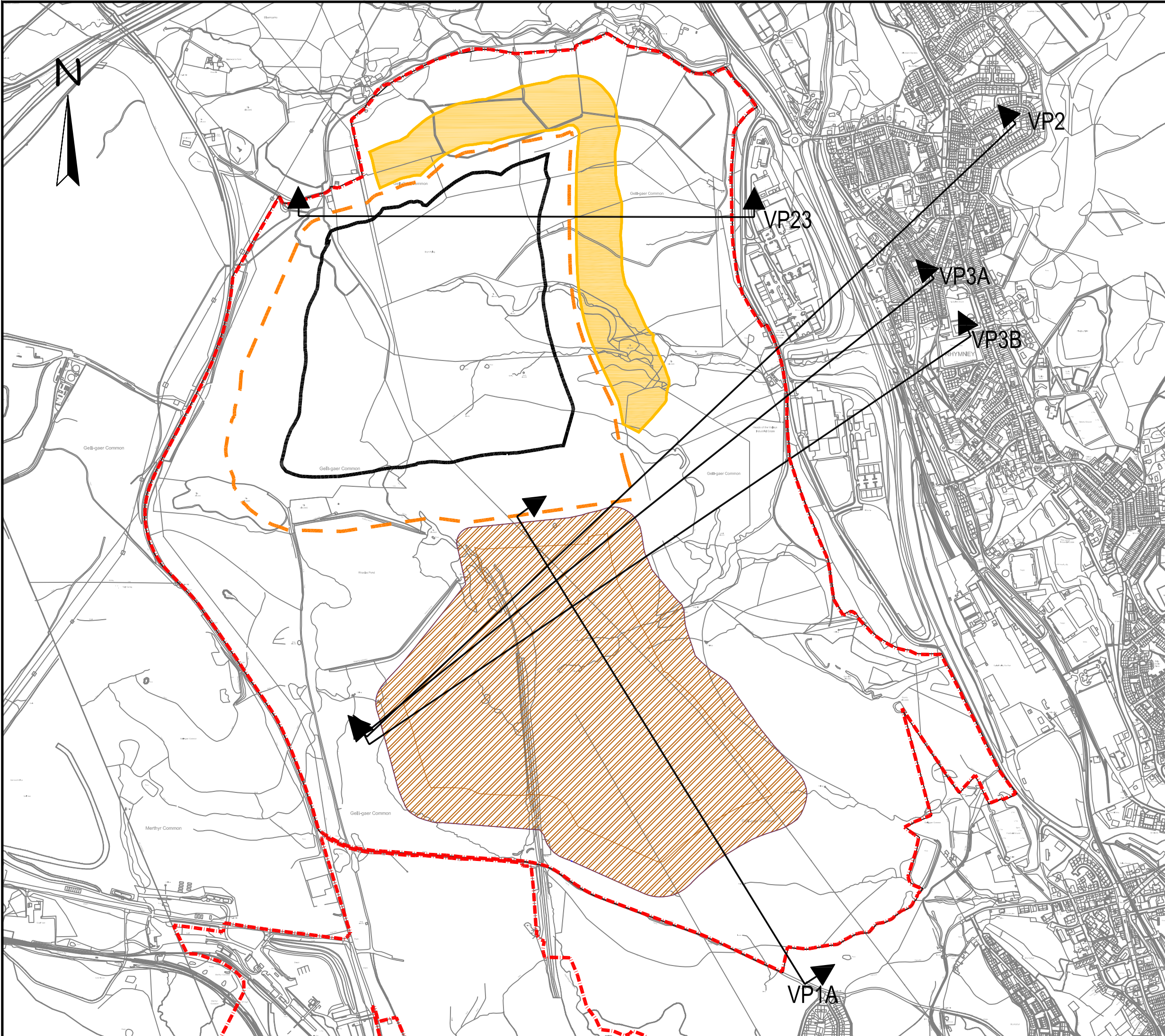
SCALE:







N/A

DATE:

31/03/2014





KEY	
	Planning Application Site Area
	Coal Working Excavation Area
	Basal Seam Extraction Area
	Overburden Mound
	Visual & Acoustic Screening Bund
	Section Line / View Point

**Nant Llesg Surface Mine  
Incorporating Land Remediation**

**Cross Sections Through  
Overburden Mound**

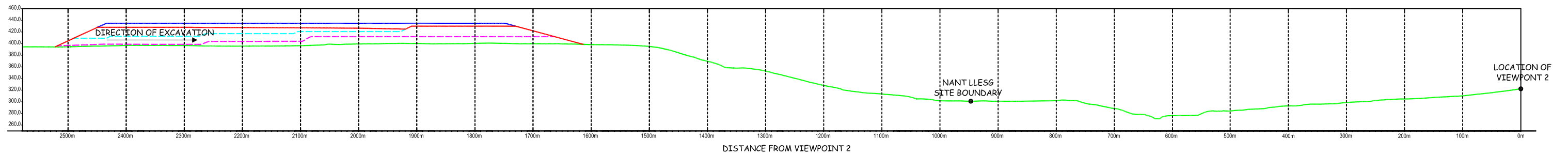
**MA/NL/PA/053**

SCALE: NTS

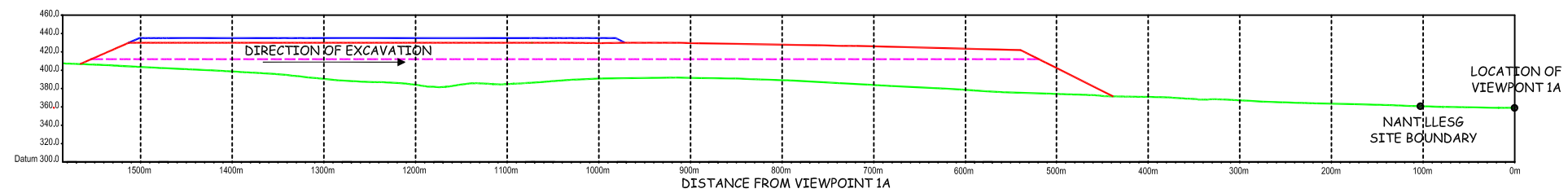
DATE: 31/03/2014



Reproduced from MasterMap © 1:1250/1:2500 scale data by permission of Ordnance Survey © on behalf of The Controller of Her Majesty's Stationery Office. © Crown copyright and database rights Ordnance Survey licence number 100050351



CROSS SECTION FROM VIEWPOINT 2



CROSS SECTION FROM VIEWPOINT 1A

- Existing Ground Contours
- Total Excavation Profile (on Viewpoint 23 only)
- Disposition 1 (End of Box-Cut)
- Disposition 2-3 (Maximum Void & Intermediate Void)
- - - Disposition 4 (End of Coaling - Partly Restored Level in Overburden Mound Shown)
- - - Disposition 5 (Restoration - Partly Restored Level in Overburden Mound Shown)

## Nant Llesg Surface Mine Incorporating Land Remediation

### Sections Through Viewpoints 1A & 2

**MA/NL/PA/054**

SCALE:

N/A

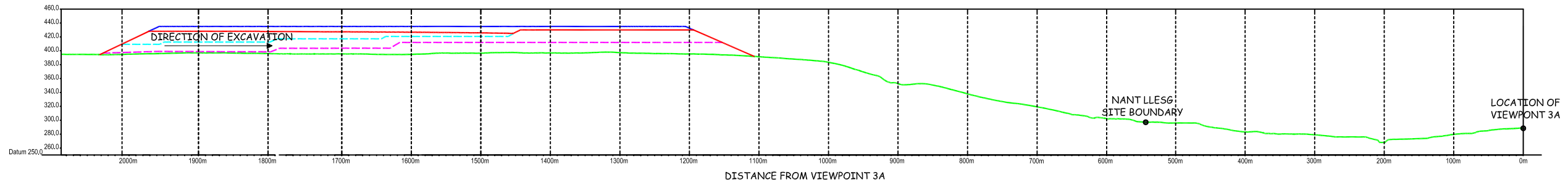
DATE:

09/04/2014

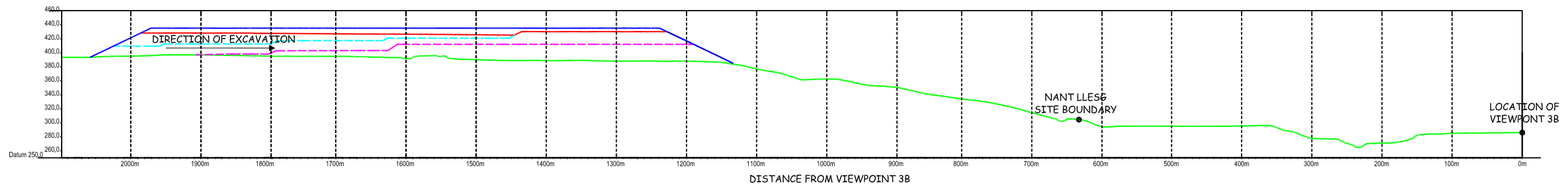
**miller argent**

Reproduced from MasterMap © 1:1250/1:2500 scale data by permission of Ordnance Survey © on behalf of The Controller of Her Majesty's Stationery Office. © Crown copyright and database rights Ordnance Survey licence number 100050351

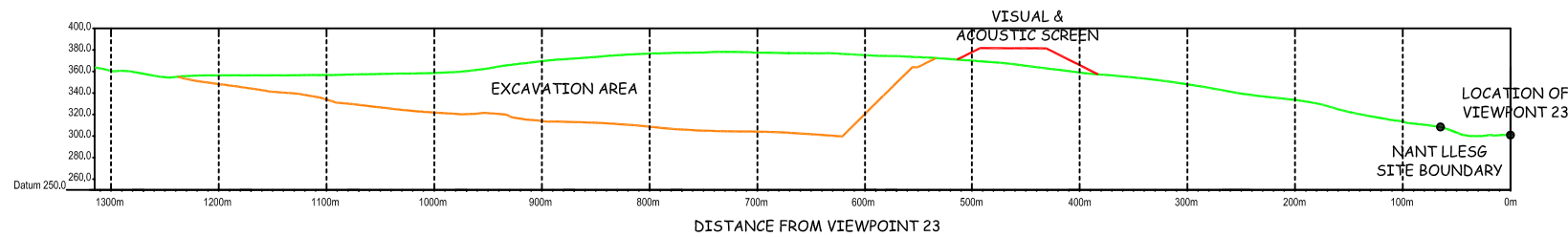




CROSS SECTION FROM VIEWPOINT 3A



CROSS SECTION FROM VIEWPOINT 3B



CROSS SECTION FROM VIEWPOINT 23

- Existing Ground Contours
- Total Excavation Profile (on Viewpoint 23 only)
- Disposition 1 (End of Box-Cut)
- Disposition 2-3 (Maximum Void & Intermediate Void)
- Disposition 4 (End of Coaling - Partly Restored Level in Overburden Mound Shown)
- Disposition 5 (Restoration - Partly Restored Level in Overburden Mound Shown)

## Nant Llesg Surface Mine Incorporating Land Remediation

### Sections Through Viewpoints 3A, 3B & 23

**MA/NL/PA/055**

SCALE:

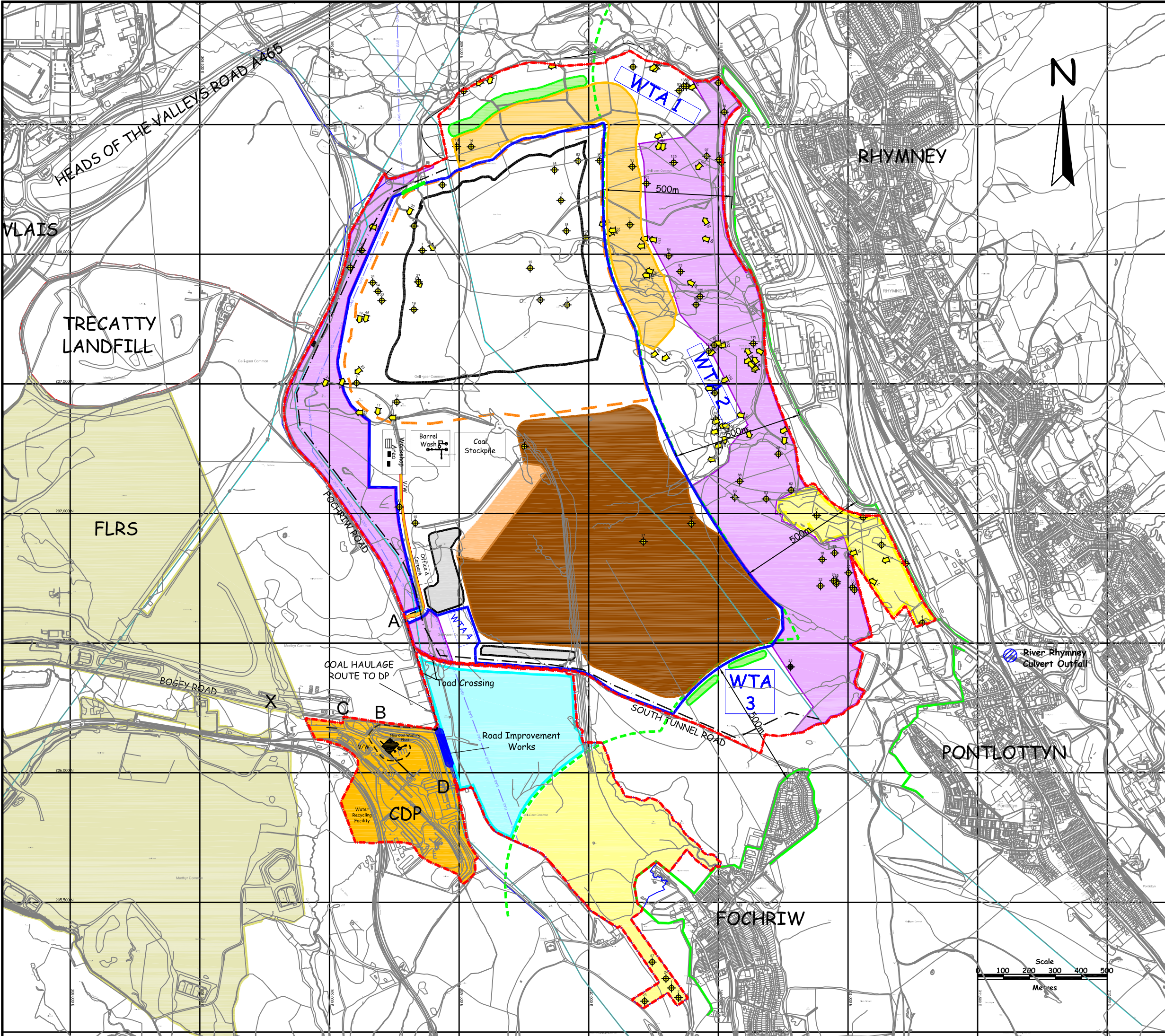
N/A

DATE:

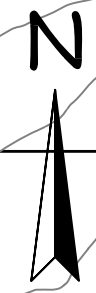
09/04/2014

**miller argent**

Reproduced from MasterMap @ 1:1250/1:2500 scale data by permission of Ordnance Survey @ on behalf of The Controller of Her Majesty's Stationery Office. © Crown copyright and database rights Ordnance Survey licence number 100050351



- KEY**
- Planning Application Site Area
  - Operational Boundary
  - Area of Early Land Remediation
  - Coal Working Excavation Area
  - Basal Seam Extraction Area
  - Settlement Boundary
  - 500m Offset from Settlement Boundary
  - Overburden Storage Area
  - Soil Forming Material Storage Area Within OB Mound
  - Visual & Acoustic Screening Bund
  - Additional Noise Screening Bund
  - Soil Storage Areas
  - Peat Storage Areas
  - Caerphilly CBC Land (edged Cyan)  
Included for Land Remediation Works
  - Caerphilly CBC Land (edged Yellow)  
Included for Land Remediation Works
  - V/W Vehicle Washing Facility
  - WTA Water Treatment Areas
  - A - D Access points to Site and Cwmbargoed Disposal Point
  - X Ffos Y Fran Land Reclamation scheme
  - + Shaft in Old Mine Workings
  - ^ Adit to Old Mine Workings
  - Area of Ffos-y-fran Land Reclamation Scheme (FLRS)
  - Road Improvement Works
  - Area of Cwmbargoed Disposal Point (CDP) within Caerphilly CBC
  - Coal Haulage Route To CDP
  - Existing Overhead Power Line
  - Existing VHP Gas Main
  - Existing Water Mains
  - Overhead 33kV Diversion Route
  - > Access Road to Office & Workshops



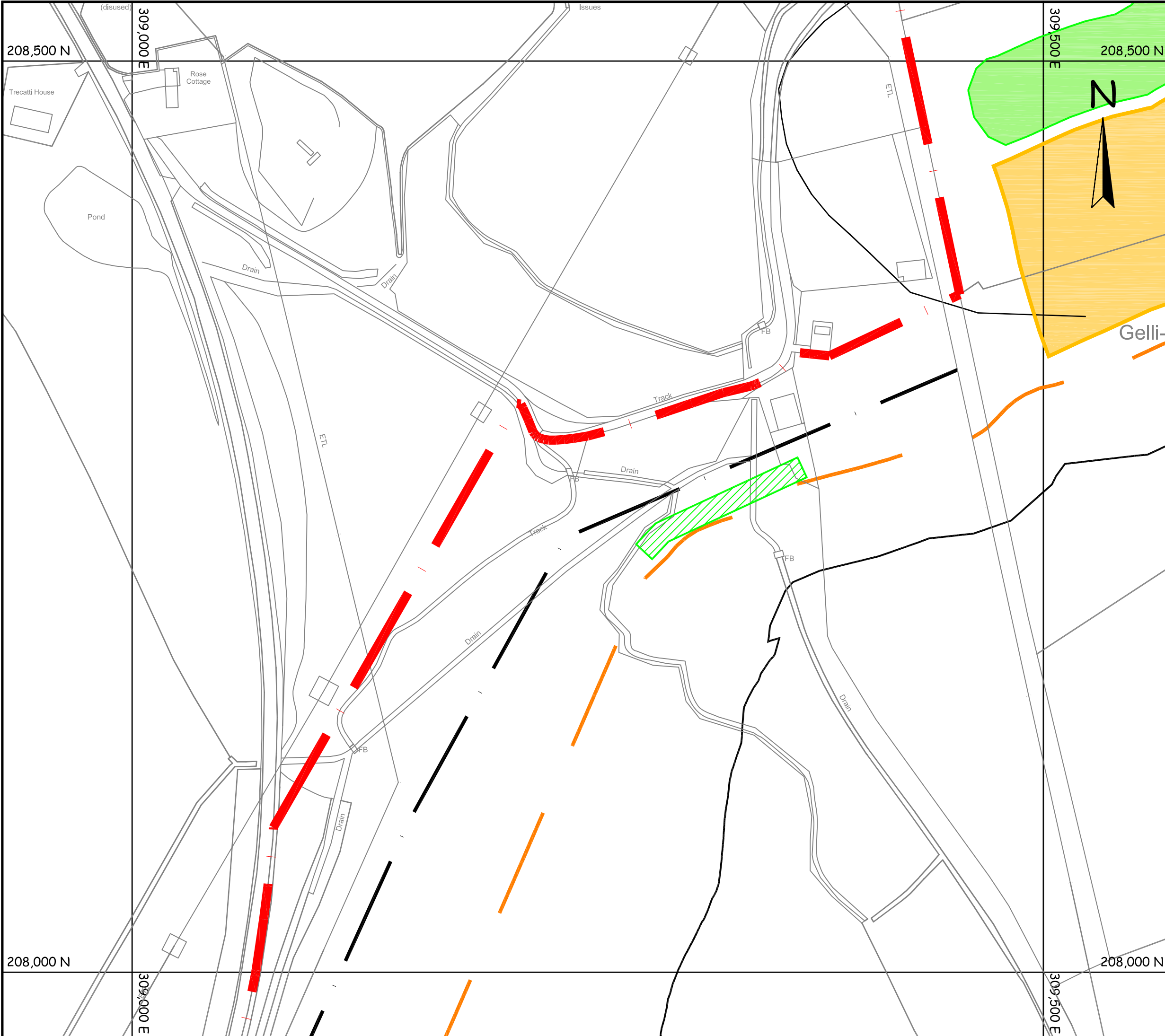
**MA/NL/PA/056**

**Nant Llesg Surface Mine  
Incorporating Land Remediation  
Site Layout with SFM Storage  
Area within OB Mound**

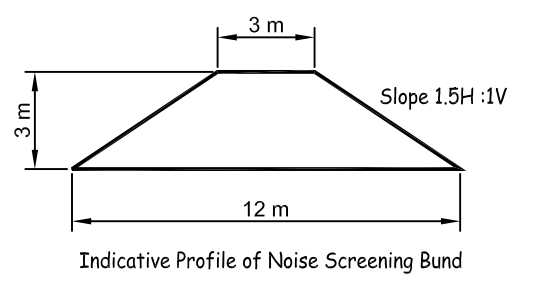
SCALE: NTS      DATE: 08/07/2014



Reproduced from MasterMap © 1:1250/1:2500 scale data by permission of Ordnance Survey © on behalf of The Controller of Her Majesty's Stationery Office. © Crown copyright and database rights Ordnance Survey licence number 100050351



- KEY**
- Planning Application Site Area
  - Coal Working Excavation Area
  - Basal Seam Extraction Area
  - - - Overhead 33kV Diversion Route
  - Visual & Acoustic Screening Bund
  - Soil Storage Areas
  - Additional Noise Screening Bund



**MA/NL/PA/057**

**Nant Llesg Surface Mine  
Incorporating Land Remediation  
Position and Profile of Additional  
Noise Screening Bund**

SCALE: NTS	DATE: 16/07/2014
---------------	---------------------



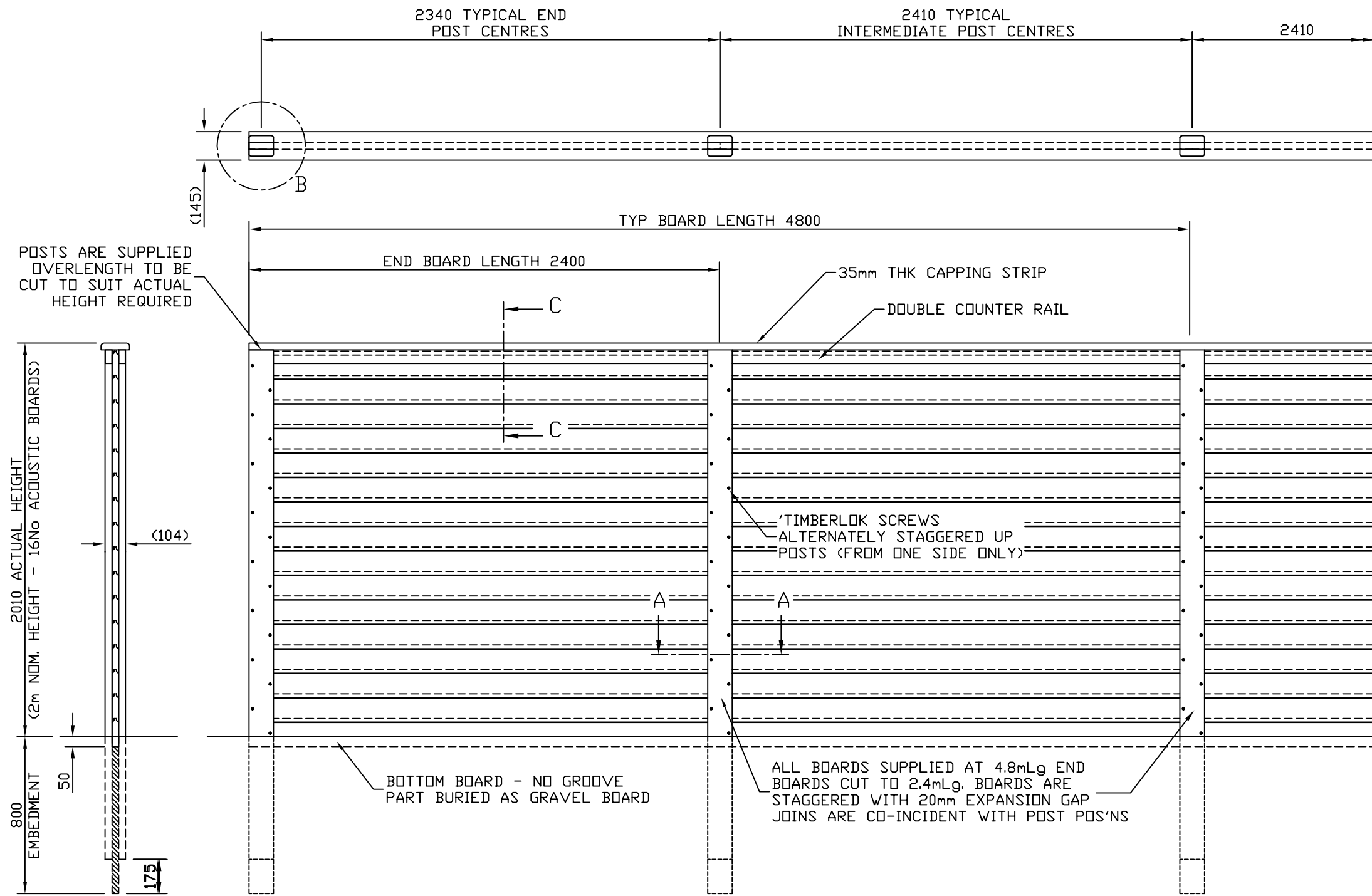
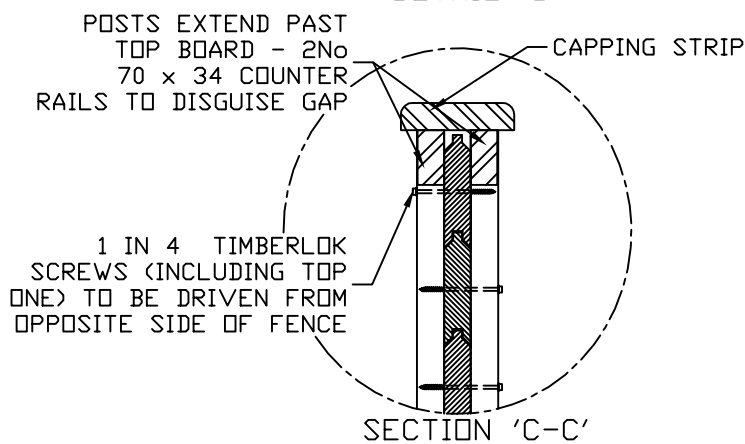
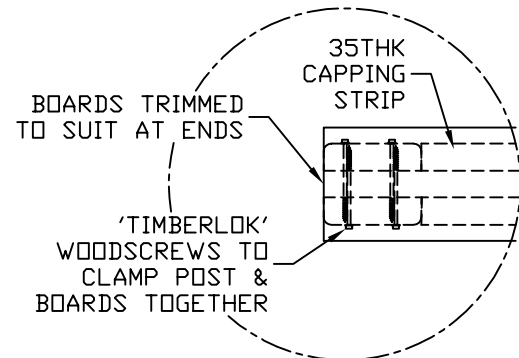
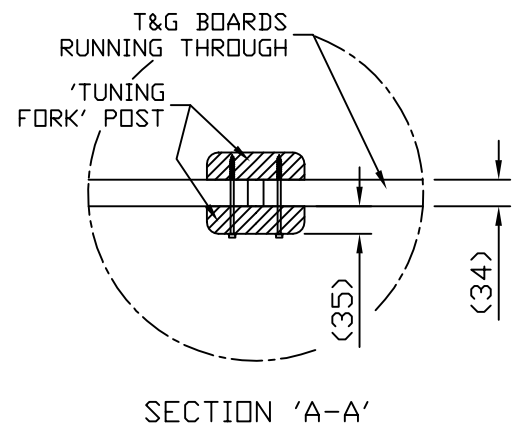
Reproduced from MasterMap © 1:1250/1:2500 scale data by permission of Ordnance Survey © on behalf of The Controller of Her Majesty's Stationery Office. © Crown copyright and database rights Ordnance Survey licence number 100050351

DO NOT SCALE – IF IN DOUBT ASK

**NOTES**

- MAT'LS** – TIMBER TREATED WITH 'JAKCURE' PROCESS
- ACOUSTIC BOTTOM BOARD – 146 x 34 THK (125 Nom. FACE)
  - ACOUSTIC T&G BOARDS – 146 x 34 THK (125 Nom. FACE)
  - CAPPING RAIL – 145 x 34 THK PAR
  - POST SIDES – 125 x 34 THK PAR
  - COUNTER RAIL – 70 x 34 THK PAR

ALL FIXINGS ARE GALVANISED OR STAINLESS STEEL



ALL BOARDS SUPPLIED AT 4.8mLg END BOARDS CUT TO 2.4mLg. BOARDS ARE STAGGERED WITH 20mm EXPANSION GAP JOINS ARE CO-INCIDENT WITH POST POS'NS

**MA/NL/PA/058**

**Jacksons**  
**FINE FENCING**

Stowting Common  
Near Ashford,  
KENT. TN25 6BN  
Telephone : 01233 750393  
Fax: 01233 750403  
Int. Tel : +44 (0)1233 750393

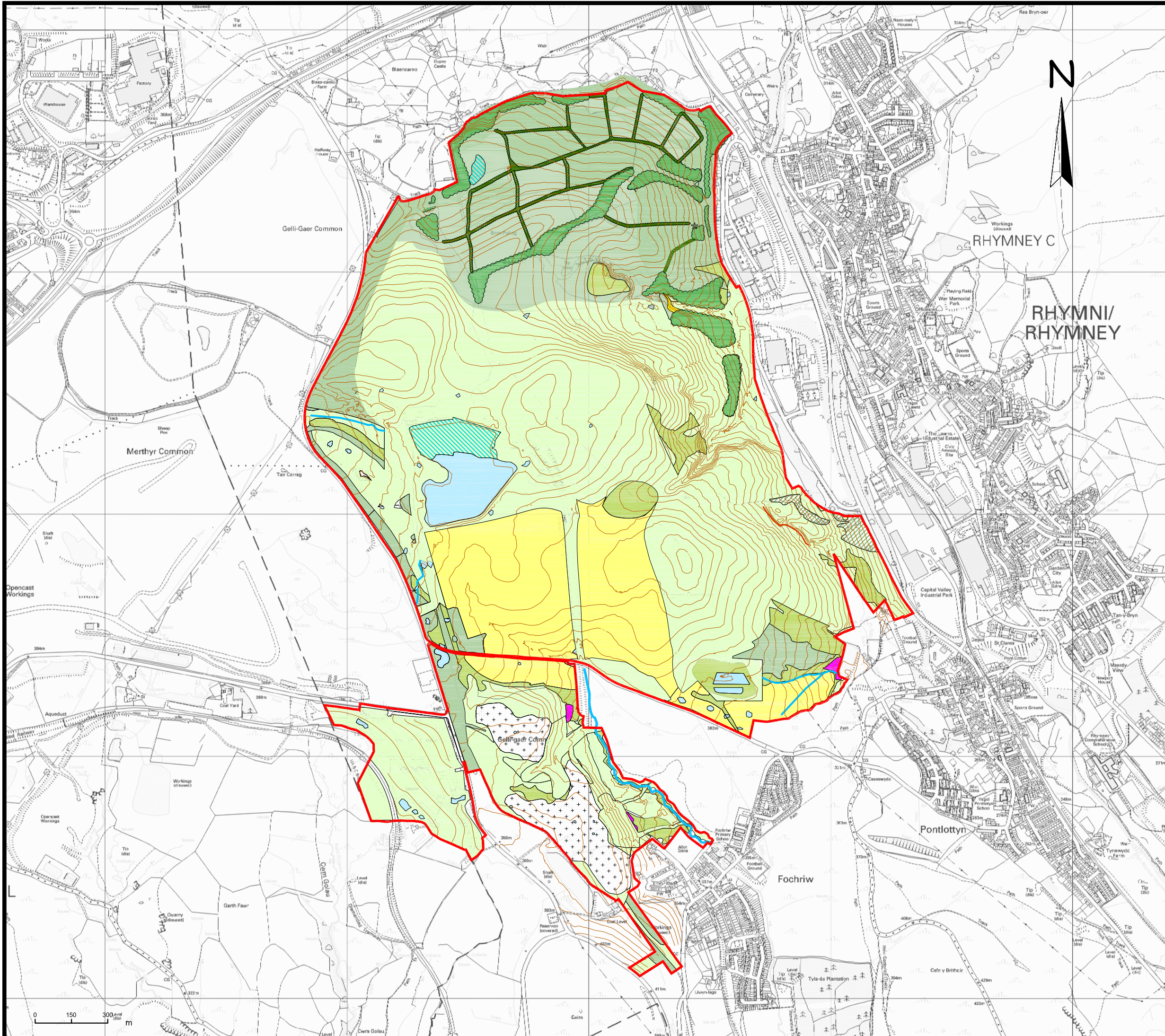
- ④ 27/11/13 MATERIAL LIST REVISED
- ③ 16/12/11 UPDATE
- ② 07/01/08 UPDATE
- ① 04/03/06 SYSTEM CHANGE
- ① 16/01/06 ORIGINAL ISSUE

Drawn JR  
Date 16/01/05  
Checked AT  
Size A3  
Scale 1:25 U.O.S

TITLE  
DETAIL OF JAKOUSTIC  
FENCING SYSTEM – 2.0mH

CUSTOMER  
ACK No.

Drawing No.  
06 J7/01043  
Sheet 1 – 2mH



- KEY**
- Planning Application Site
  - Improved Grassland
  - Upland Grassland
  - Marshy Grassland
  - Wet Heath
  - Dry Heath
  - Acid Flashes
  - Wetland
  - Woodland
  - Coniferous Plantation
  - Hedgerows
  - Ephemeral/Short Perennial
  - Running Water
  - Inland Cliff (former mining)

**MA/NL/PA/059**

**Nant Llesg Surface Mine  
Incorporating Land Remediation**

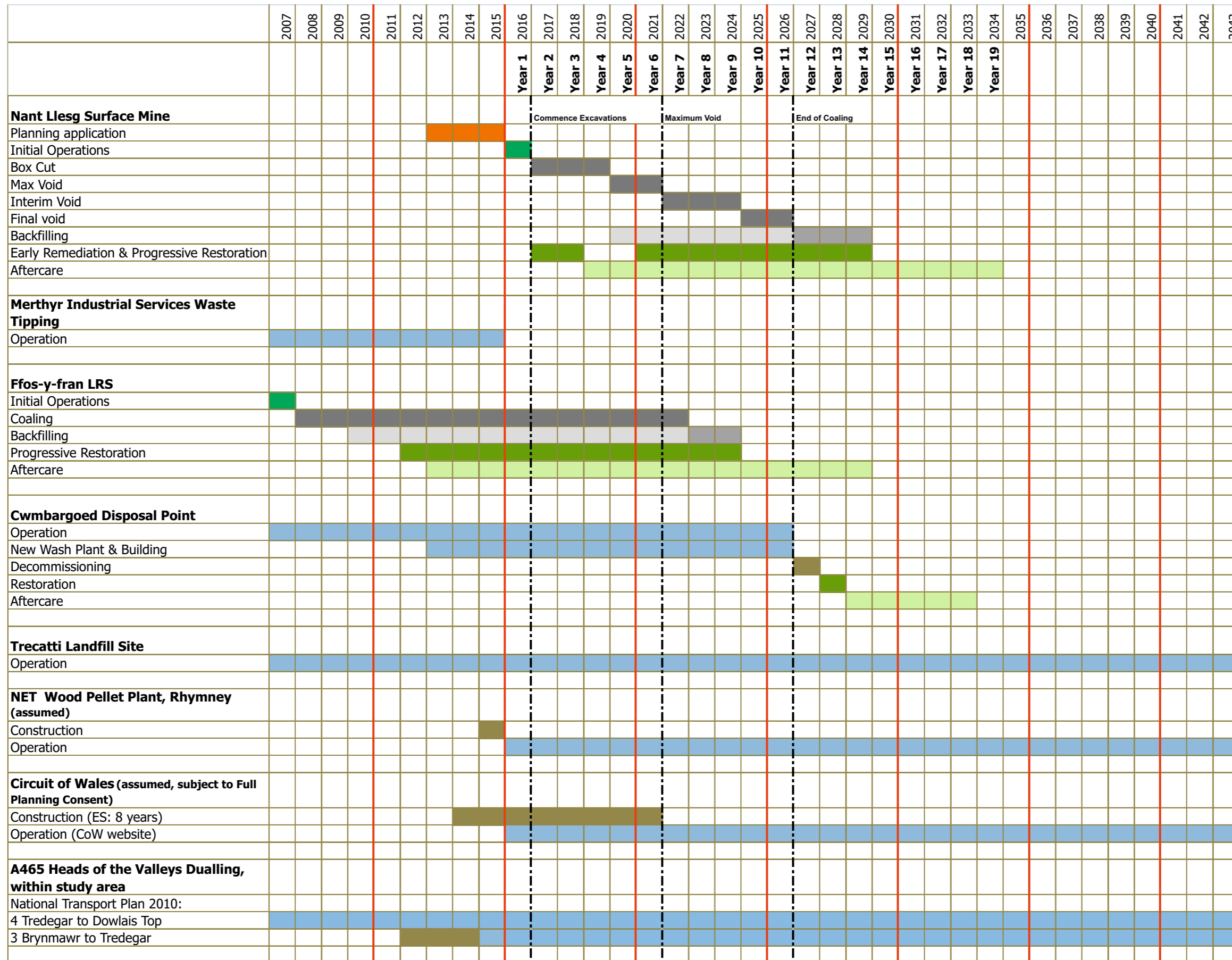
**Habitat Restoration Plan**

SCALE: 1:15,000

DATE: 24/09/2014



Reproduced from MasterMap © 1:1250/1:2500 scale data by permission of Ordnance Survey © on behalf of The Controller of Her Majesty's Stationery Office. © Crown copyright and database rights Ordnance Survey licence number 100050351

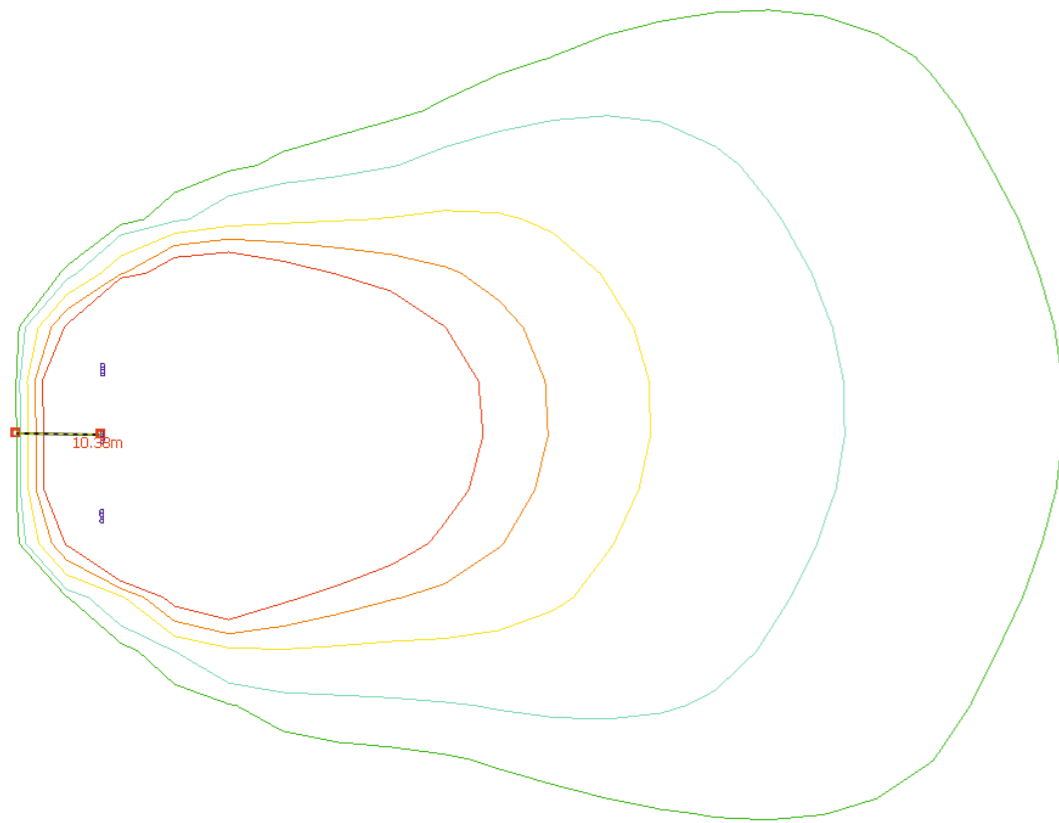


Nant Llesg commencement changed to 2016;  
 Circuit of Wales & A465 Dualling added  
 Rev A 24<sup>th</sup> Sep 2014

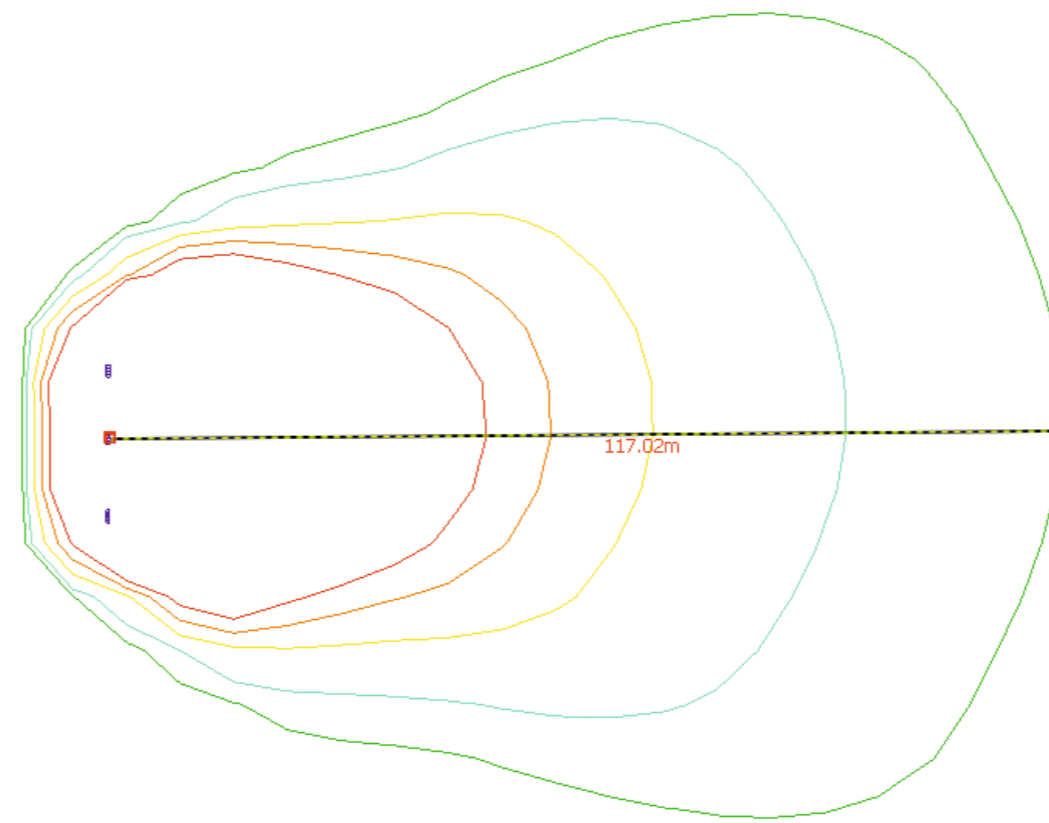
**MA/NL/ES/16/021-2A**

**CUMULATIVE LVIA  
 TIMELINE WITH  
 OTHER DEVELOPMENTS**

SCALE: N/A DATE: 20<sup>th</sup> May 2013



Plot 1 Light Trespass Contour Plot from 3 x 9m columns with 4x 1kw bulbs, to the rear of columns



Plot 2 Light Trespass Contour Plot from 3 x 9m columns with 4x 1kw bulbs, to the front of columns

**Legend**

**Isolines**

- 5 Lux
- 10 Lux
- 20 Lux
- 30 Lux
- 40 Lux

**MA/NL/ES/16/022**

**Lighting Lux Levels  
 Contour Plots**

SCALE: N/A

DATE: 19 August 2014



**Contact Us**

If you would like any further information on the proposals then please get in touch:

**Call:** Freephone 0800 169 6507

**Email:**  
[ma.enquiries@millerargent.co.uk](mailto:ma.enquiries@millerargent.co.uk)

**Visit:** [www.nantllesg.co.uk](http://www.nantllesg.co.uk)

**These details will put you in touch with PPS Group which coordinates our Nant Llesg public consultation activity.**