









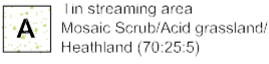
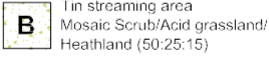
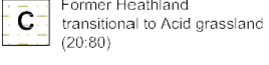
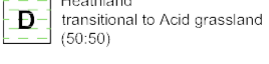
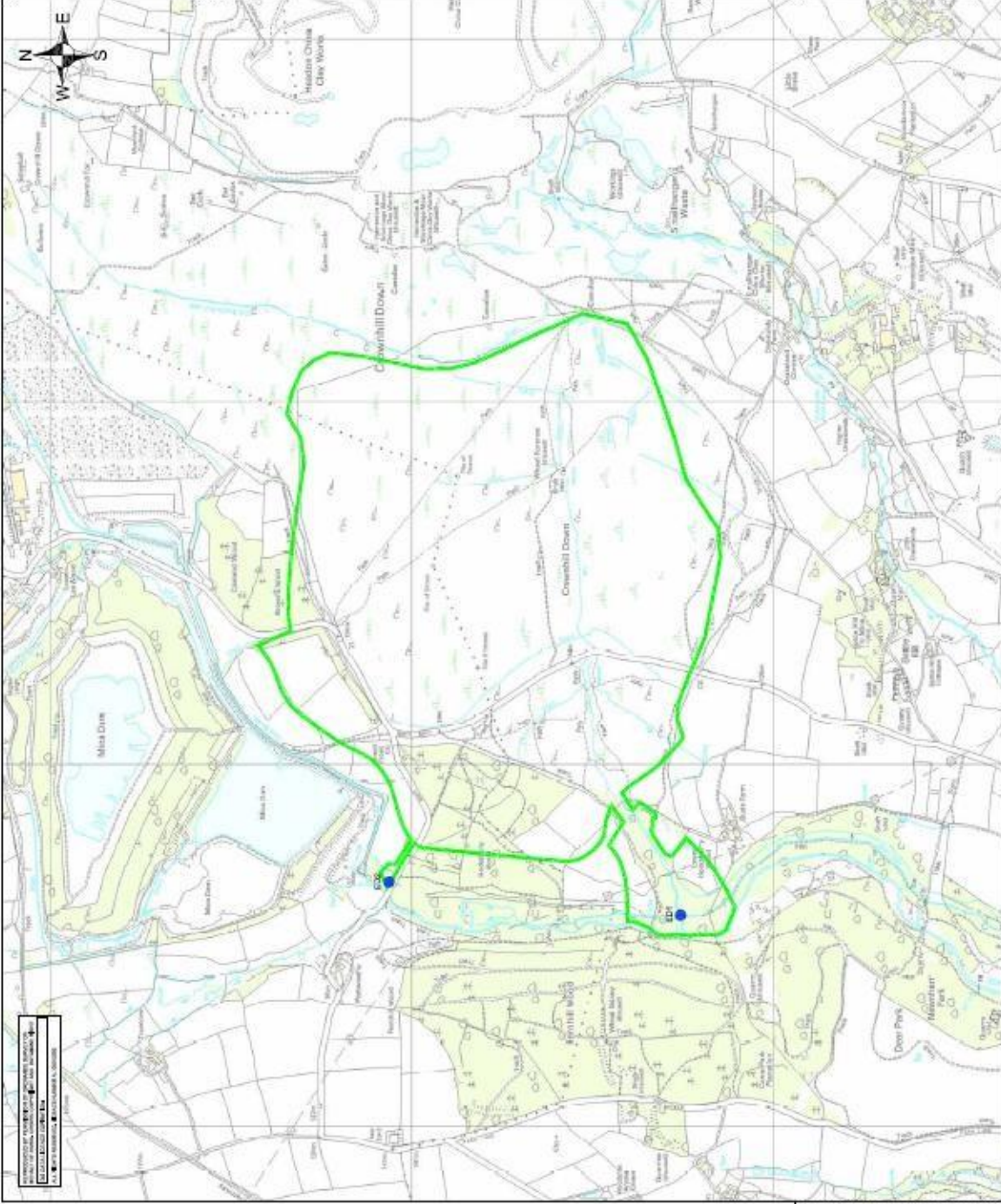


-  Crownhill Down Planning Consent Area
-  Plantation
-  Broadleaf woodland
-  Hedge
-  Scrub
-  Grassland - Improved and Semi-improved, species-poor
-  Grassland - Acid, species poor (plus variable % Gorse & Bracken)
-  Heathland
-  Mire
-  Watercourse
-  **A** In streaming area
Mosaic Scrub/Acid grassland/
Heathland (70:25:5)
-  **B** In streaming area
Mosaic Scrub/Acid grassland/
Heathland (50:25:15)
-  **C** Former Heathland
transitional to Acid grassland
(20:80)
-  **D** Heathland
transitional to Acid grassland
(50:50)

K:\MHA Consulting Ltd\Hemerdon\WolfMinerals-Logo-GUK\NEW_00

Client: Wolf Minerals(UK)Ltd
Project: Hemerdon Mining Waste Facility
Title: Phase 1 Habitats
Drawing: MHA-19390-01
Drawn by: MEV
Checked by: MRH
Scale: Not to Scale
Date: March 2013

NOTES



Environmental Assessment
 Hemeron Mining Waste Facility
 1:10,000 Scale
 11/15/2012

LEGEND

- ENVIRONMENTAL PERMIT BOUNDARY
- DISCHARGE POINT



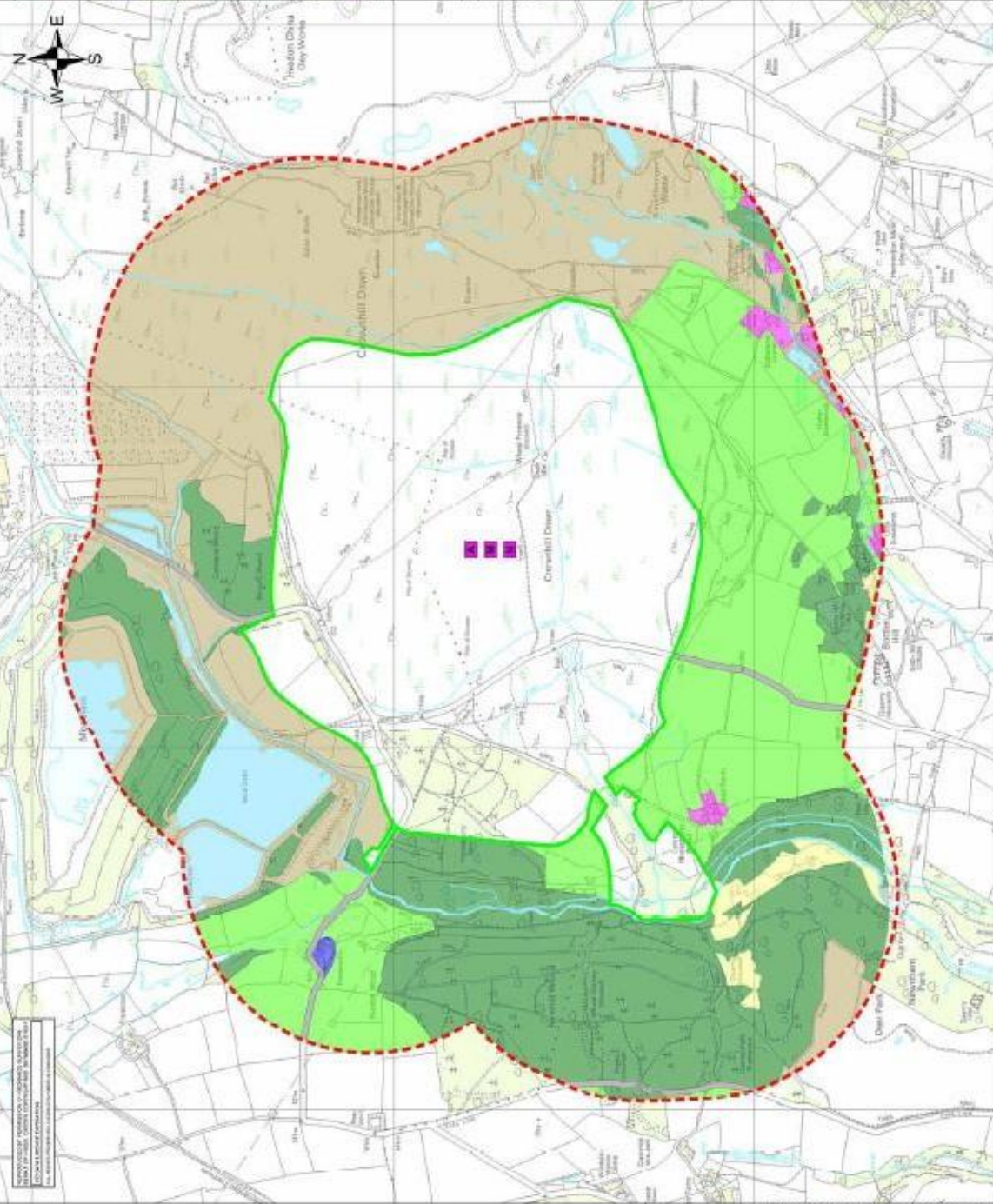
HEMERON MINING WASTE FACILITY
 ENVIRONMENTAL PERMIT APPLICATION
 PERMIT BOUNDARY

002
 Scale: 1:10,000 @ A3 Date: MAY 2013

0:599.0004.22.002.1 Permit Boundary.dwg



LEGEND	ENVIRONMENTAL PERMIT BOUNDARY
500m BUFFER BOUNDARY	
COMMERCIAL/INDUSTRIAL PREMISES	
RESIDENTIAL PREMISES	
AGRICULTURAL LAND & FARM BUILDINGS	
OPEN LAND	
WOODLAND	
SURFACE WATER BODIES / DITCHES	
MAINROAD NETWORK	
DISUSED QUARRY	
PREMISES INCLUDED WITHIN SECTION 52 AGREEMENT	
SOURCE TERMS	
AIRBORNE EMISSIONS	
MUD ON ROAD	
NOISE	
PATHWAYS	
MR	SEE #INDROSE
GROUNDWATER FLOW DIRECTION	









WOLF
Minerals

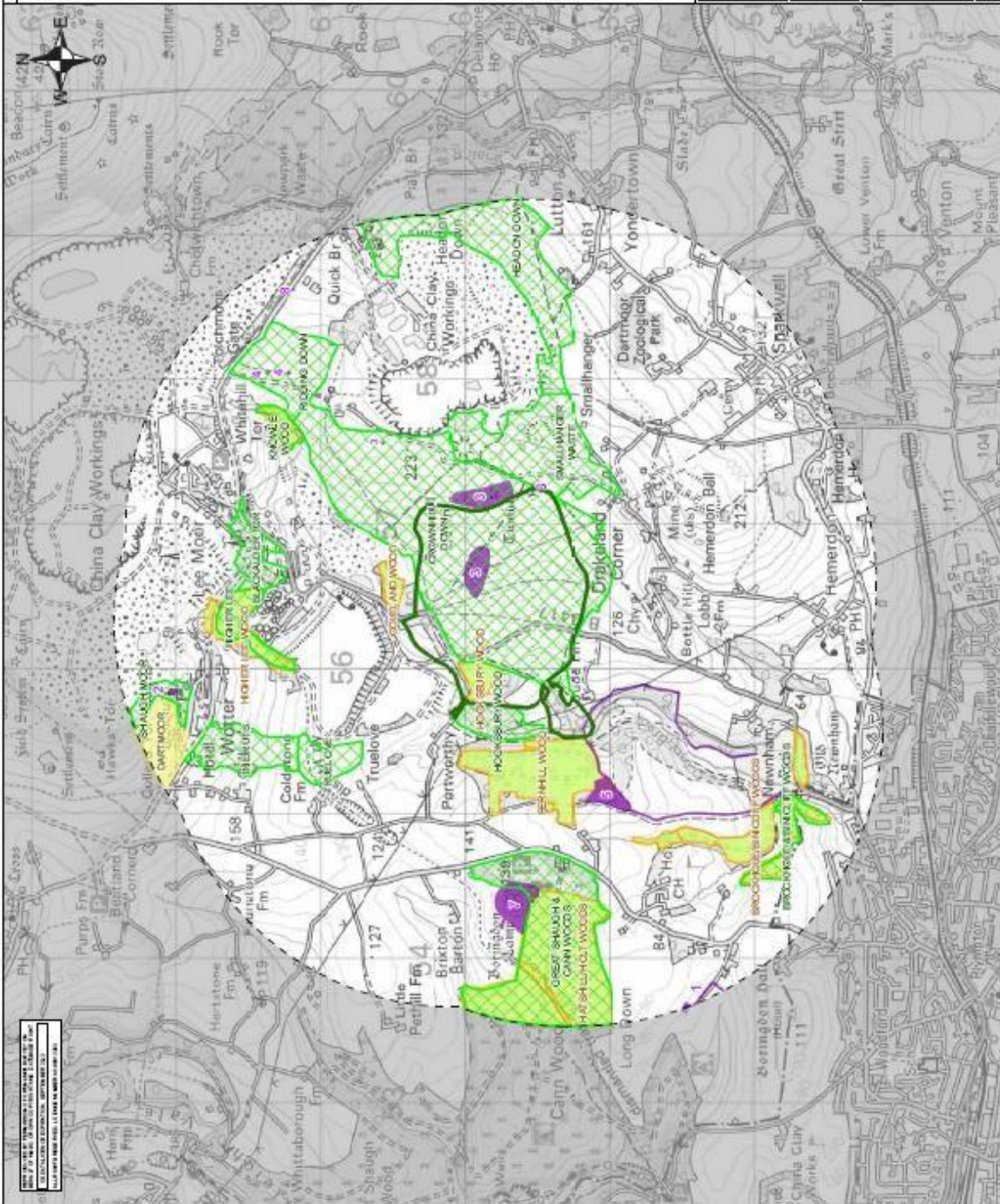
SLR

HEREFORD COUNTY COUNCIL
 HEREFORD MINING WASTE FACILITY
 ENVIRONMENTAL PERMIT APPLICATION
 ENVIRONMENTAL SITE SETTING

H1a
 Scale: 1:10000 @ A3
 Date: MAY 2013

LEGEND

-  ENVIRONMENTAL PERMIT BOUNDARY
 -  30m BUFFER
 -  ANCIENT WOODLAND GREEN TICK
 -  NATIONAL PARK
 -  COUNTY WILDLIFE SITES (CUPPED TO 30m BUFFER)
 -  SCHEDULED MONUMENT
1. POST-MEDIEVAL USER PARK
 2. TWO CAIRNS WITH STONE PONS
 3. CROWN HILL DOWN BARROW CEMETERY
 4. TWO ROUND BARROWS
 5. DEER PARK AND RABBIT WARREN
 6. TWO BARROWS
 7. HILL TOP BARROW
 8. CHOUWICH TOWN CROSS



SHEET 1 OF 4
 PROJECT: Hemerston Waste Facility
 DRAWING: Environmental Permit Application
 DATE: 11/05/2013
 SCALE: 1:20,000



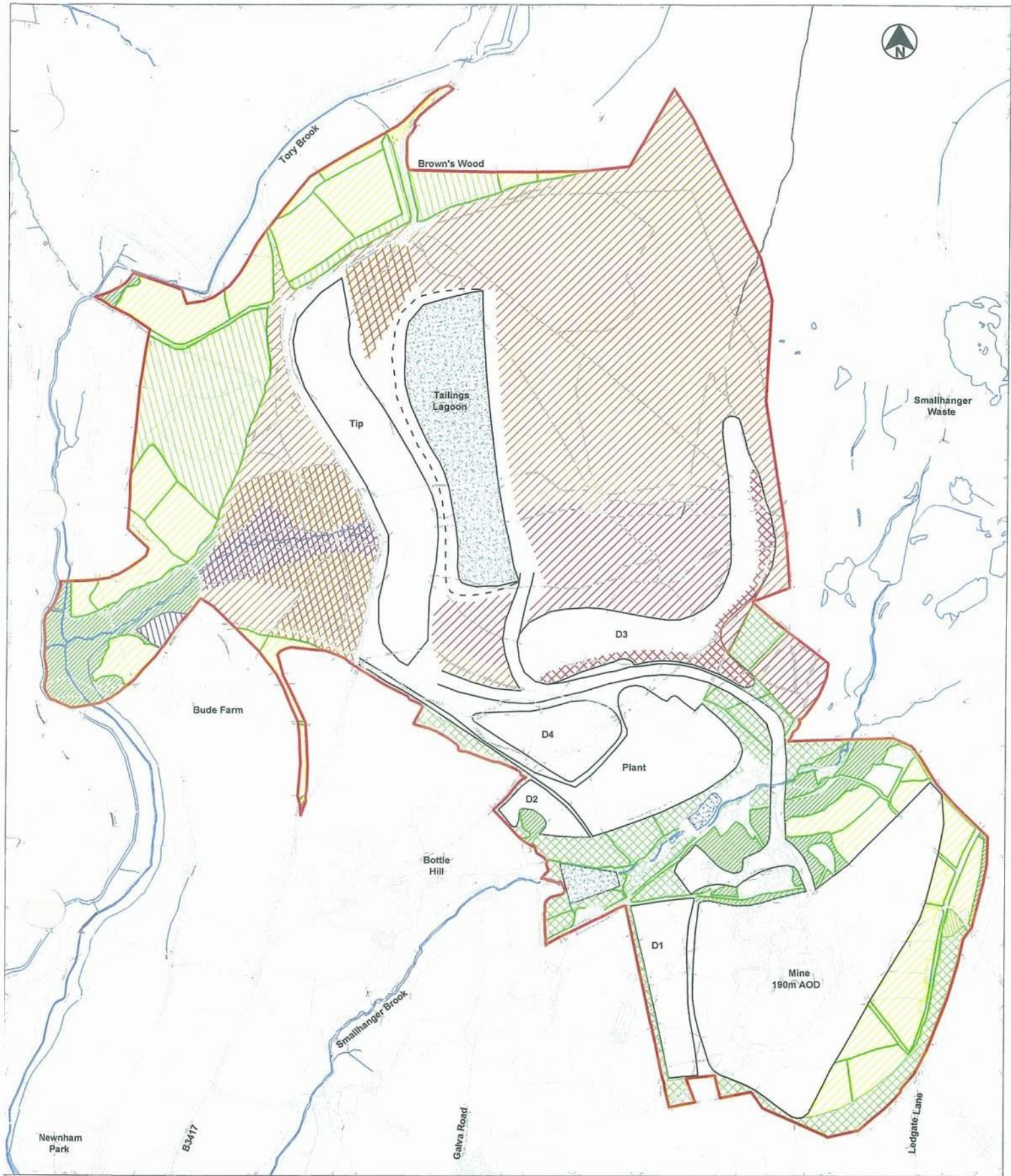
4 THE SQUARE
 6 COOMO LAKEBOURNE
 TRENTHAM, VIC 3450
 AUSTRALIA
 P 03 5111 2843
 www.slr.com.au

HEMERSTON MINING WASTE FACILITY
ENVIRONMENTAL PERMIT APPLICATION
CULTURAL & NATURAL HERITAGE
HABITAT SITES TO ZRM

H1b2

SHEET 1 OF 4
 SCALE 1:20,000

SHEET 1 OF 4
 SCALE 1:20,000



WOLF Minerals Limited

Client: Wolf Minerals Limited

Project: Hemerdon

Title: Indicative Restoration Concept
Approx. 1 year after start

Drawing: 16349-2

Drawn by: MV Checked by: MRH

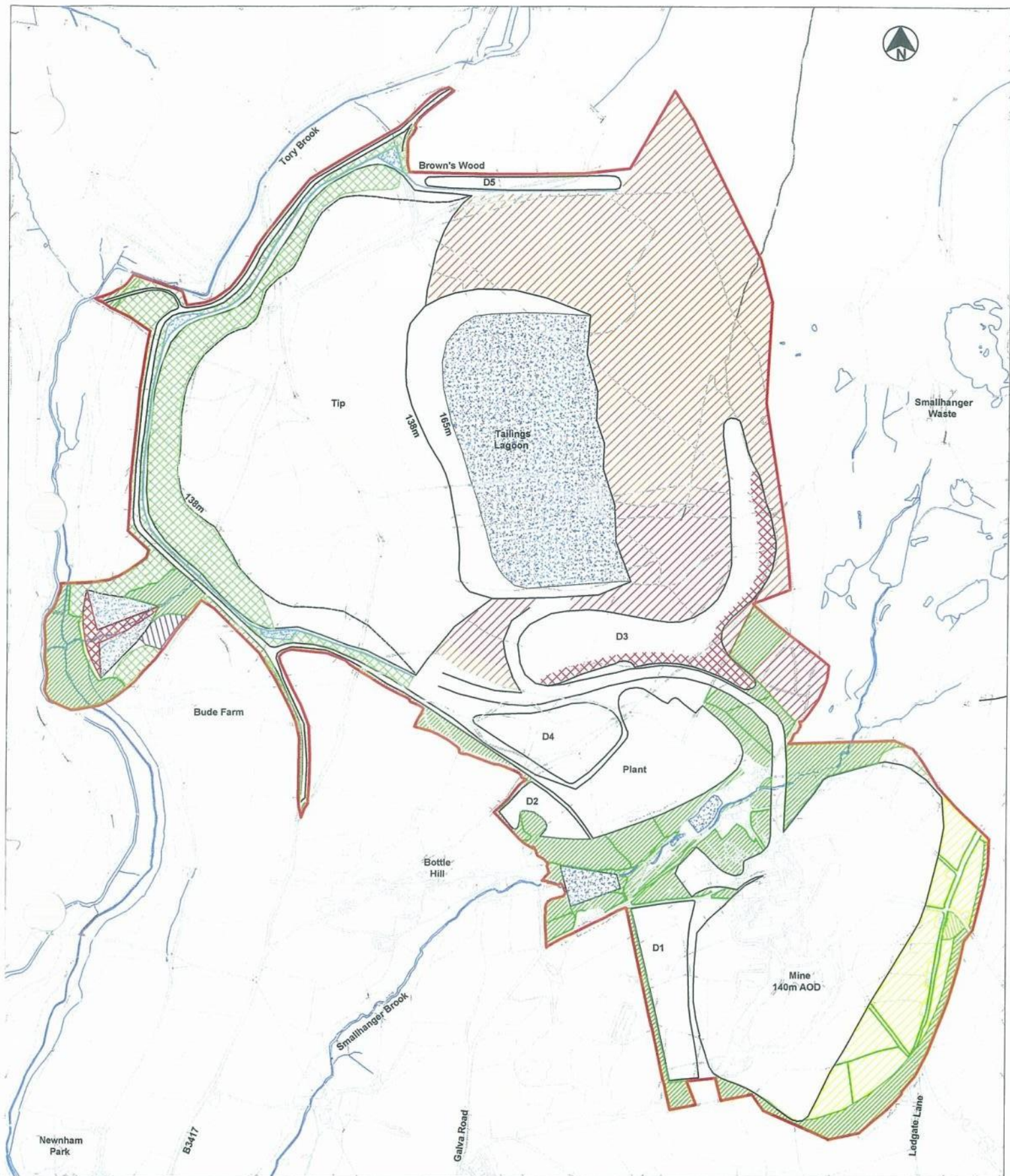
Scale: NTS Date: Sept 2009

- Existing**
- Planning Permission Area (PPA)
 - Conifer/Broadleaf plantation
 - Broadleaf woodland (W1 W4 W8 W10 W11 W17)
 - Scrub (W23 W25)
 - Hedgerow

- Proposed**
- D4 Top soil dump
 - Broadleaf planting
 - Hedgerow

- Existing**
- Improved grassland (MG6 MG7)
 - Acid grassland (U1 U3 U4 U20)
 - Heathland (H4)
 - Mire (M6 M21 M25 M29)
 - Water course/body

- Proposed**
- Potential area for restoration to grassland/fields/hedgerow habitats
 - Potential area for predominantly heathland with associated acid grassland habitat restoration
 - Potential area for mire habitat
 - Water course/body



Client: Wolf Minerals Limited
Project: Hemerdon
Title: Indicative Restoration Concept
 Approx. 5 years after start
Drawing: 16349-3
Drawn by: MV **Checked by:** MRH
Scale: NTS **Date:** Sept 2009

Planning Permission Area (PPA)

D4 Top soil dump

Existing
 Broadleaf woodland
 Hedgerow

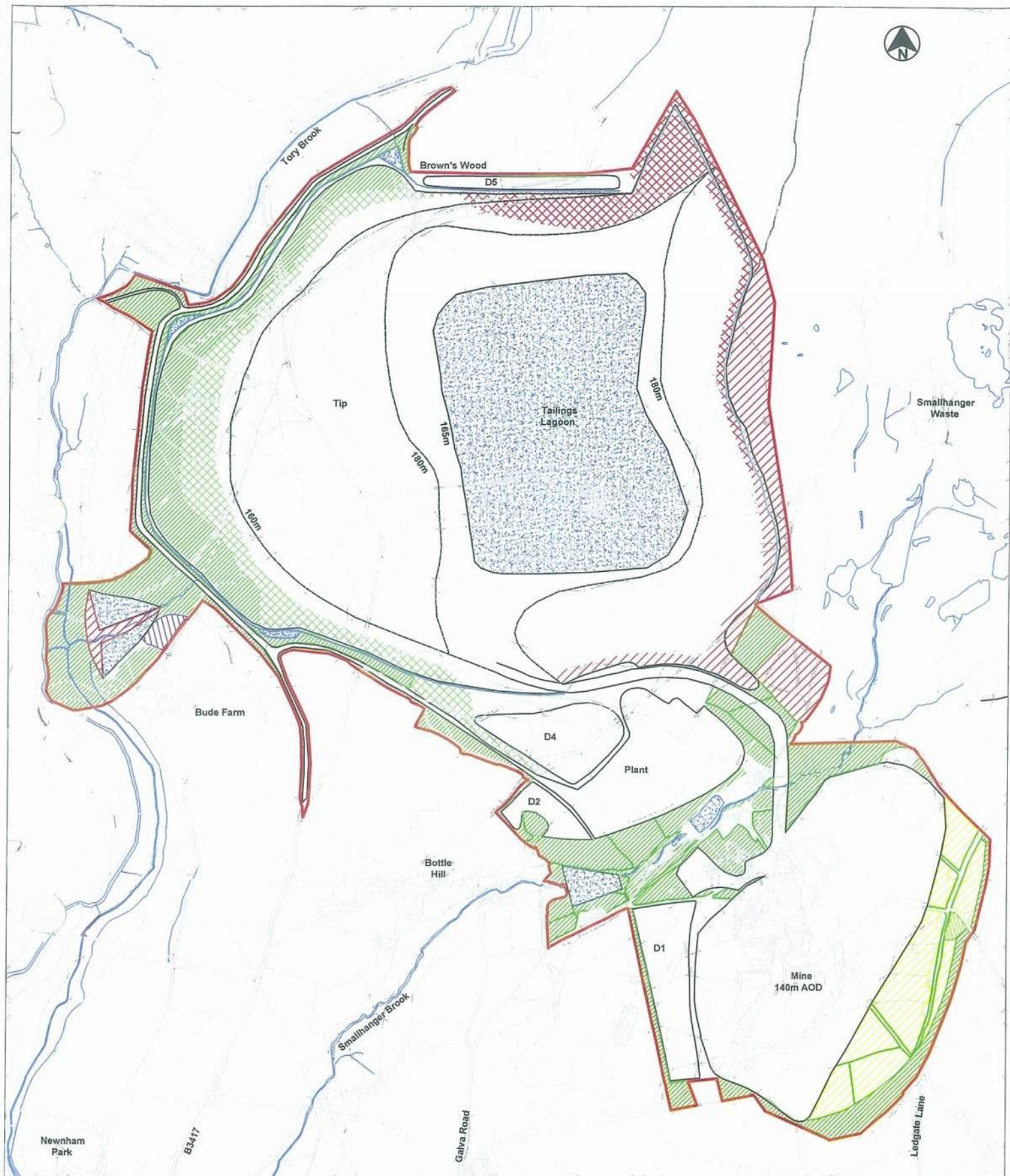
Proposed
 Broadleaf planting
 Hedgerow

Existing

Improved grassland
 Acid grassland
 Heathland
 Mire
 Water course/body

Proposed

Potential area for restoration to grassland/fields/hedgerow habitats
 Potential area for predominantly heathland with associated acid grassland habitat restoration
 Potential area for mire habitat
 Water course/body



MICHEL HUGHES ASSOCIATES

WOLF Minerals Limited

Client: Wolf Minerals Limited

Project: Hemerdon

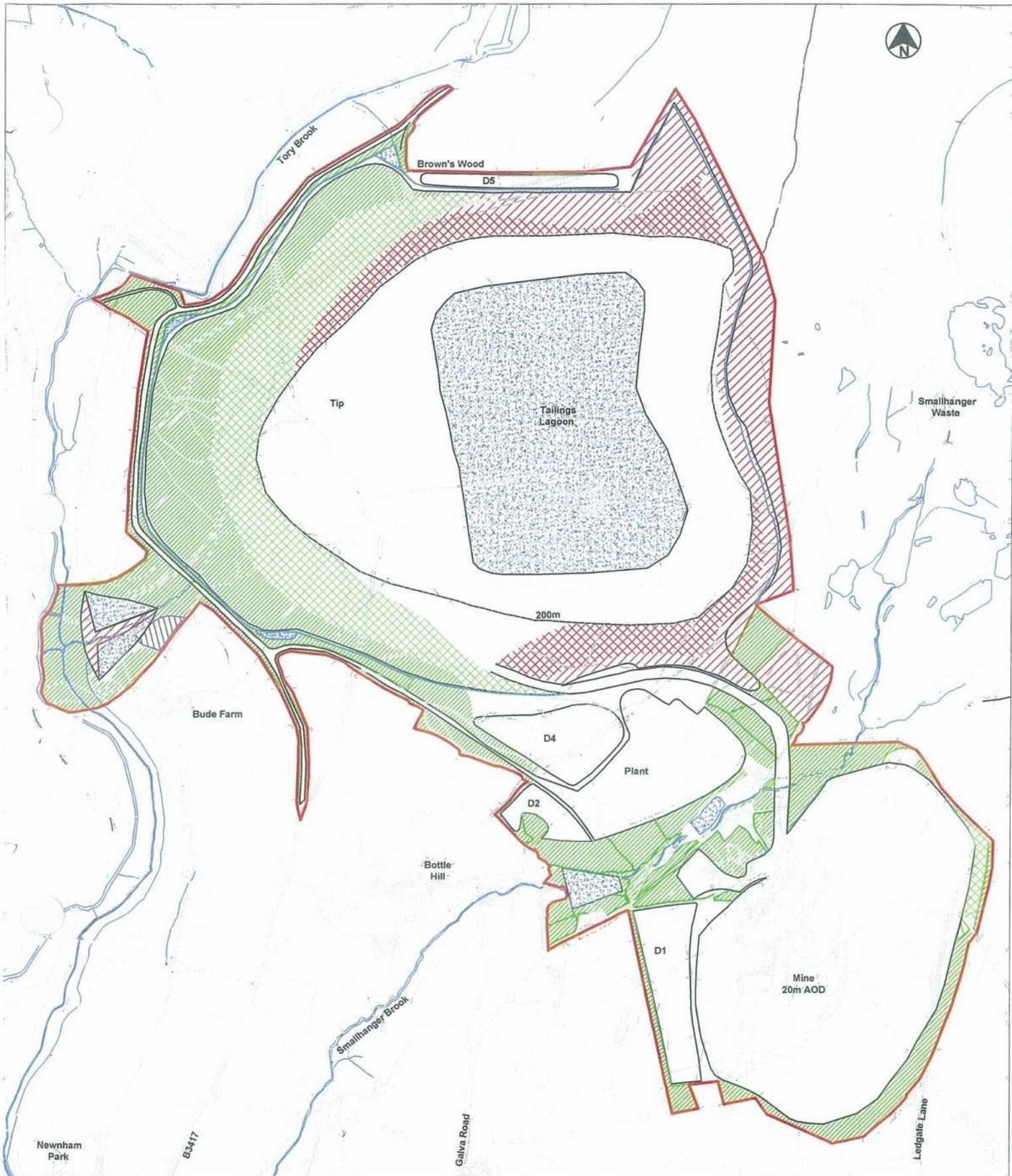
Title: Indicative Restoration Concept
Approx. 10 years after start

Drawing: 16349-4

Drawn by: MV **Checked by:** MRH

Scale: NTS **Date:** Sept 2009

Existing		Proposed	
Planning Permission Area (PPA)	D4 Top soil dump	Improved grassland	Potential area for restoration to grassland/fields/hedgerow habitats
Broadleaf woodland	Broadleaf planting	Acid grassland	Potential area for predominantly heathland with associated acid grassland habitat restoration
Hedgerow	Hedgerow	Heathland	Potential area for mire habitat
		Mire	
		Water course/body	Water course/body



WOLF Minerals Limited

Client: Wolf Minerals Limited

Project: Hemerdon

Title: Indicative Restoration Concept
Approx. 15 years after start

Drawing: 16349-5

Drawn by: MV Checked by: MRH

Scale: NTS Date: Sept 2009

Existing		Proposed	
Planning Permission Area (PPA)	D4 Top soil dump	Improved grassland	Potential area for restoration to grassland/fields/hedgerow habitats
Broadleaf woodland	Broadleaf planting	Acid grassland	Potential area for predominantly heathland with associated acid grassland habitat restoration
Hedgerow	Hedgerow	Heathland	Potential area for mire habitat
		Mire	Potential area for mire habitat
		Water course/body	Water course/body



WOLF Minerals Limited

Client: Wolf Minerals Limited

Project: Hemerdon

Title: Indicative Restoration Concept
Final objective after end of operations

Drawing: 16349-6

Drawn by: MV Checked by: MRH

Scale: NTS Date: Sept 2009

Planning Permission Area (PPA)	D4 Top soil dump	Existing	Proposed
Broadleaf woodland	Broadleaf planting	Improved grassland	Potential area for restoration to grassland/fields/hedgerow habitats
Hedgerow	Hedgerow	Acid grassland	Potential area for predominantly heathland with associated acid grassland habitat restoration
		Heathland	Potential area for mire habitat
		Mire	Water course/body
		Water course/body	Water course/body