

Planning, Environment & Economy,
 Flintshire County Council, County Hall,
 Mold, Flintshire, CH7 6NF.
 Chief Officer: Mr Andrew Farrow

Legend



Planning Application Site



Adopted Flintshire Unitary
 Development Plan
 Settlement Boundary

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Map Scale 1:10000

OS Map ref SJ 1968

Planning Application **62110**



Legend

-  Planning Application Boundary
-  Extent of Existing Planning Permission



Site Name: Hendre Quarry	
Drawing Name: Location Plan	
FINAL	
Drawn By: RGD/RJS	Scale @ A3: 1:25,000
Date: March 2021	Drawing Number: H072_00045-1A

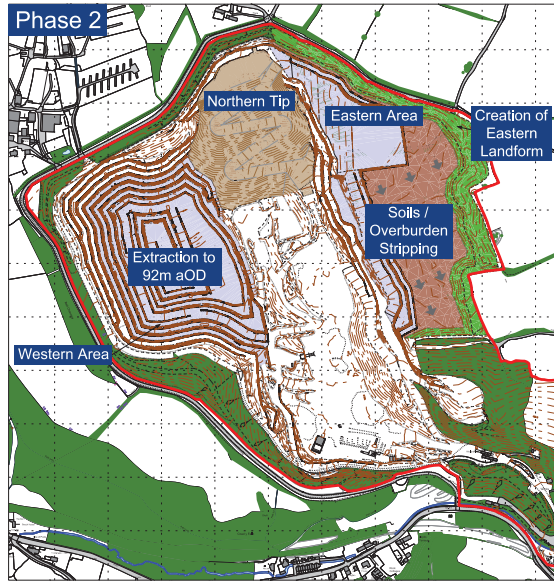


Hendre Quarry

Block Proposals Plan



- Removal of Western Tips to expose and extract rock.
- Extraction of permitted reserves down to 175m aOD within the Western Area.
- Creation of New Eastern Ramp.



- Soils and overburden are to be progressively stripped from the Eastern Extension Area to expose rock for extraction, and placed to create the Eastern Landform, the Northern Tip and into temporary stockpiles within the quarry floor.
- Continued extraction in the Western Area down to 92m aOD.
- Haul road routes added to Phase 2 Eastern Extension area.



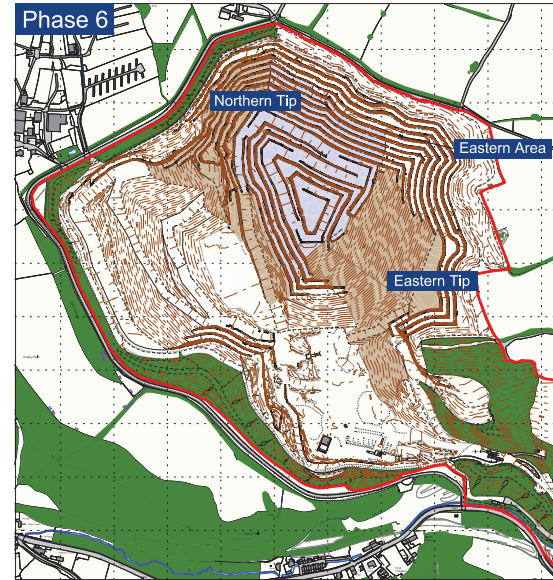
- Progressive extraction of rock from the Eastern Extension in a southerly direction.
- Restoration of higher elevated Western Area land.
- Completion of extraction within lower elevated land in the Western Area and Northern Tip Area.
- Haul road routes added to Phase 3 Eastern Extension area.



- Progressive extraction of all Cefn Mawr Limestone and on-going Loggerheads Limestone extraction down to 130m aOD (compared to 122m aOD on the original plan).



- On-going Loggerheads Limestone extraction with the Eastern Extension down to 122m aOD.
- Removal of Central Tip to aid in mineral extraction and final restoration of the Western Quarry Tip.



- Clearance of a portion of the Western Quarry Tip to allow for final extraction of Loggerheads Limestone.
- These materials to be placed in the south east of the quarry to form final restoration landform and levels.
- Restoration works to Western Tip.
- Revised profiles and access to restored south eastern area.

Legend

- Planning Application Boundary
- Limit of Extraction within this Phase
- Tips: Operations to include removal of previously placed material to expose and extract mineral and subsequent placement of quarry waste for restoration.
- Soils / Overburden Stripping / Progressive Direction of Stripping
- Creation of Eastern Landform

The Proposed Development

The Proposed Development is for the deepening of the existing quarry, combined with an eastern extension and an extension of time to complete the extraction and final restoration of the Site.

Advanced Site peripheral landscape and ecological enhancement will take place, as will progressive restoration during the development period.

The Site Application Boundary Area is 61.1 Hectares

Summary of Materials

Phase	Soils (m ³)	Cefn Mawr Limestone 'Top Rock' ST	Loggerheads Limestone 'Massive Limestone' ST	Overburden / Quarry Waste (m ³)	Est. Years
1	-	412,000	3,155,000	590,000	~ 4.4
2	56,000	639,000	7,036,000	1,816,000	~ 9.5
3	-	1,749,000	2,355,000	1,279,000	~ 5.1
4	-	793,000	2,679,000	626,000	~ 4.4
5	-	-	4,386,000	534,000	~ 5.6
6	-	-	4,826,000	2,017,000	~ 6.0
TOTAL	56,000	3,593,000	24,437,000	6,862,000	~ 35.0



Site Name:

Hendre Quarry

Drawing Name:

Block Proposals Plan

FINAL

Drawn By:

RGD/RJS

Scale @ A3:

1:10,000

Date:

March 2021

Drawing Number:

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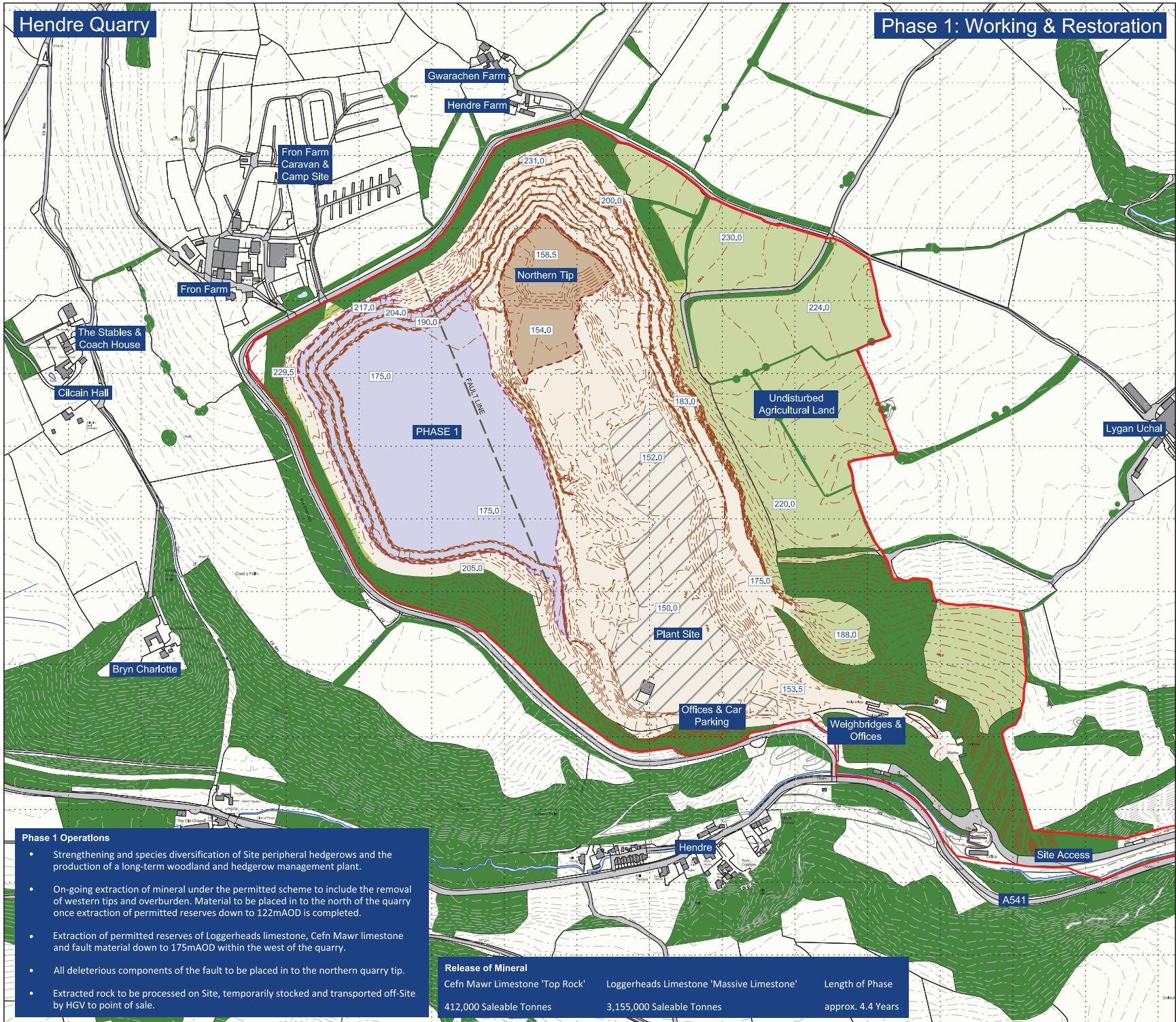


Hendre Quarry

Phase 1: Working & Restoration

Legend

-  Planning Application Boundary
-  Contours (2m Intervals) & Spot Levels
-  Site Surround Contours
-  Limit of Extraction within this Phase
-  Operational Area
-  Operational Tip: Placement of Material within this Phase
-  Indicative Plant Site & Stocking Area
-  Geological Fault Line
-  Existing Woodland / Hedges / Trees
-  Agricultural Land within the Application Boundary



- Phase 1 Operations**
- Strengthening and species diversification of Site peripheral hedgerows and the production of a long-term woodland and hedgerow management plant.
 - On-going extraction of mineral under the permitted scheme to include the removal of western tips and overburden. Material to be placed in to the north of the quarry once extraction of permitted reserves down to 122mAOD is completed.
 - Extraction of permitted reserves of Loggerheads limestone, Cefn Mawr limestone and fault material down to 175mAOD within the west of the quarry.
 - All deleterious components of the fault to be placed in to the northern quarry tip.
 - Extracted rock to be processed on Site, temporarily stocked and transported off-Site by HGV to point of sale.

Release of Mineral		
Cefn Mawr Limestone 'Top Rock'	Loggerheads Limestone 'Massive Limestone'	Length of Phase
412,000 Saleable Tonnes	3,155,000 Saleable Tonnes	approx. 4.4 Years

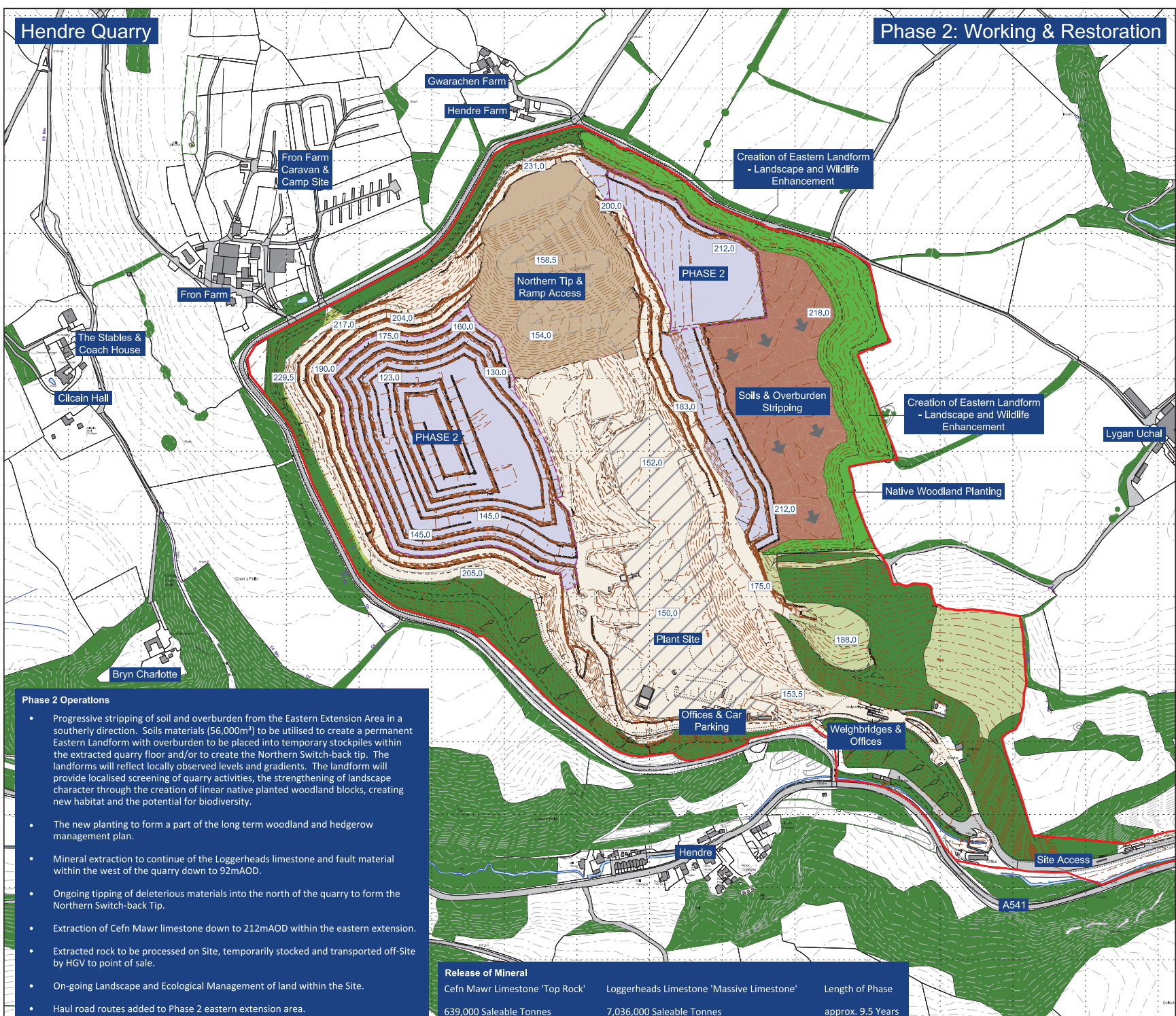


Site Name:
Hendre Quarry

Drawing Name:
**Phase 1
FINAL**

Drawn By: RGD/RJS	Scale @ A3: 1:5,000
Date: March 2021	Drawing Number: H072-00045-4A





Legend

- Planning Application Boundary
- 60.0 Contours (2m Intervals) & Spot Levels
- Site Surround Contours
- Limit of Extraction within this Phase
- Operational Area
- Operational Tip: Placement of Material within this Phase
- Indicative Plant Site & Stocking Area
- Soil & Overburden Stripping within this Phase / Progressive Direction of Stripping
- Existing Woodland / Hedges / Trees
- Agricultural Land within the Application Boundary
- New Native Tree & Shrub Planting

Phase 2 Operations

- Progressive stripping of soil and overburden from the Eastern Extension Area in a southerly direction. Soils materials (56,000m³) to be utilised to create a permanent Eastern Landform with overburden to be placed into temporary stockpiles within the extracted quarry floor and/or to create the Northern Switch-back tip. The landforms will reflect locally observed levels and gradients. The landform will provide localised screening of quarry activities, the strengthening of landscape character through the creation of linear native planted woodland blocks, creating new habitat and the potential for biodiversity.
- The new planting to form a part of the long term woodland and hedgerow management plan.
- Mineral extraction to continue of the Loggerheads limestone and fault material within the west of the quarry down to 92mAOD.
- Ongoing tipping of deleterious materials to the north of the quarry to form the Northern Switch-back Tip.
- Extraction of Cefn Mawr limestone down to 212mAOD within the eastern extension.
- Extracted rock to be processed on Site, temporarily stocked and transported off-Site by HGV to point of sale.
- On-going Landscape and Ecological Management of land within the Site.
- Haul road routes added to Phase 2 eastern extension area.

Release of Mineral		
Cefn Mawr Limestone 'Top Rock'	Loggerheads Limestone 'Massive Limestone'	Length of Phase
639,000 Saleable Tonnes	7,036,000 Saleable Tonnes	approx. 9.5 Years



Site Name: Hendre Quarry

Drawing Name: Phase 2

FINAL

Drawn By: RGD/RJS	Scale @ A3: 1:5,000
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