Cauldon Quarry

Consolidation Application

Phase 2 - Limestone

Outline Operations:

- Continued development of upper faces to their southern limit. The spine area is reduced in height by c. 10m opening views of existing quarry faces and restored tip areas in the west.
- With the exception of the approved trial deepening to the 215m aOD level all working areas are above the anticipated maximum water level.
- Extracted limestone is to be transported to the plant site for processing / crushing prior to being transported via conveyor to the Cauldon Cement Plant and to external points of aggregate sale.
- Rollover restoration to continue to the upper southern faces and benches will continue to ensure a consistent and integrated restoration landform along the southern boundary of the Site.

	Output:	Duration:
Limestone:	20 million tonnes	6.5 to 9.5 years
Shale:	1.3 to 1.9 million	6.5 to 9.5 years

A523
Waterhouses
242.0
Agricultural Land
Temporarily Restored Material (in Bunds) for the final restoration of the Shale Quarry
Cauldon Shale Quarry
Please see Drawing No. AI-044-M.D.012 for Shale Development
Shale Stockpile Area
Lafarge Cauldon Cement Plant
Access
Cauldon
290.0
Conveyor
Offices & Car Parking
Milk Hill
Agricultural Land
North Tip
Crusher
Offices
271.0
315.0
Quarry Vehicular Exit
Quarry Vehicular Entrance
366.0
Asphalt Plant
SPINE OF ROCK
215.0
Phase 2 LATERAL WORKING
285.0
305.0
Existing Quarry Tip Landforms (Restored)
Phase 2 LATERAL WORKING *Partial Removal of Ridge*
235.0
Phase 2 Restoration
Hemmingslow Tip
293.0
Non SSSI Donor Grassland Translocation Area
316.0
Phase 2 LATERAL WORKING
300.0
354.0
School House Tip
Phase 2 Restoration
250.0
A52
Phase 2 Restoration
270.0
Approved SSSI Translocation Area
Ellastone Road
352.0
A52
A52

LEGEND

- Application Site Boundary
- Limit of Extraction - Phase 2
- Restored Quarry Tips
- Plant Site and Stocking Area
- Operational Area
- Quarried Faces
- Direction of Working - Phase 2
- Previously Restored Land
- Restoration within this Phase
- 218.0 — 2m Contours & Spot Levels (m aOD)
- Agricultural Land within the Applicaton Boundary
- Primary Woodland Blocks
- Buildings
- Existing Public Rights of Way

Heatons
Planning Environment Design

PROJECT
Cauldon Quarry - Consolidation Application

DRAWING TITLE
Phase 2 - Limestone

DATE
May 2020

REFERENCE
AI-044-M.D.007

N

SCALE
1:10,000 @ A3

STATUS
FINAL

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