



**PHASE 2 - Explanatory Notes**

- Each bench height is approximately 15m and, by the commencement of Phase 2, there will be four active benches at 1m, 16m, 31m and 46m below the original ground level. This phase will release 1,130,000 saleable tonnes of mineral.
- The lowest platform will, by this time, have breached the water table and consequently there will be a requirement for a sump in the base of the quarry with pumping of groundwater to the east to allow natural soakaway to occur.
- The quality of the deposit varies over the extension area and so it may be necessary, depending on the product end-use, to blend rock which has been sourced from different areas of the quarry.
- Haul roads will be extended on to the upper benches and part of the historic overburden located along the southern boundary will be removed to facilitate the extension. The overburden material will be stored on the quarry floor for use within the final restoration landform. The retained overburden and woodland along the southern boundary of the extension area will act as a noise barrier.
- Inert waste material produced from the extraction of the extension area will be placed at the northern and eastern margins of the quarry to form part of the restoration landform. In addition, inert material will be imported at a rate of up to 50,000 tonnes per annum. The rate of import may be less and will be influenced by the amount of waste generated from the processing of the extracted material.

**Legend**

- Application Boundary

Operational Site

Mineral Extraction

Material Placement

Existing Buildings

Existing Water Body
- Existing Woodland

Proposed Woodland

Proposed Shrub

Proposed Grass

Existing Public Right of Way

Diverted Public Right of Way

Original Public Right of Way

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BREEDON

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PLEYDELL SMITHYMAN LIMITED  
20A THE WHARFAGE, IRONBRIDGE  
SHROPSHIRE TF8 7NH  
T. 01952 433211 F. 01952 433323  
E. psl@pleydellsmithyman.co.uk  
www.pleydellsmithyman.co.uk

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