

Phase 3B

Phase 3B completes extraction within the site with operations progressing north and north westwards. Remaining dry-stone walls within the working area would be lifted and stored for reuse in field boundary walls as part of final restoration. The screening bund to the north and west would be extended to continue to restrict views of the quarry from the road and properties to the west. Operations in this phase would occur over approximately 1 year.



RESTORATION DESIGN

Restoration would take place progressively, beginning during Phase 1B of the development. The proposal would return the site to agricultural land with biodiversity enhancement to support a biodiversity net gain. On final restoration reprofiling would take place though regrading the quarry faces and soil placement to allow for a gentle sloped restoration landform dipping in a southeasterly direction. A restoration scheme has been prepared with input from the project landscape architect and ecologist.



W1		ADVANCED WOODLAND MIX		5330m2 @ 1plant m2		TOTAL 5330No
%	SPECIES	COMMON	SIZE	GROWN	HEIGHT/TRANSPL	NUMBER
20	Pinus sylvestris	Scots Pine	60-90cm	BR / Cell	1 + 1 Branched	350
10	Ulmus glabra	Wych Elm	60-90cm	BR / Cell	1 + 1 Branched	58
10	Sorbus aucuparia	Rowan	60-90cm	BR / Cell	1 + 1 Branched	117
10	Betula pendula	Birch (Silver)	60-90cm	BR / Cell	1 + 1 Branched	117
20	Quercus robur	Oak	60-90cm	BR / Cell	1 + 1 Branched	234
10	Populus tremula	Aspen	60-90cm	BR / Cell	1 + 1 Branched	234
5	Ilex aquifolium	Holly	60-90cm	BR / Cell	1 + 1 Branched	58
10	Corylus avellana	Hazel	60-90cm	BR / Cell	1 + 1 Branched	58

LIGHT STANDARD TREES		COMMON	SIZE	HEIGHT	APP. STEM	NUMBER
34	Quercus robur	Oak	6-8cm	2.5-2.75m	1.5 - 1.8m	20
33	Pinus Sylvestris	Scotspine	6-8cm	2.5-2.75m	1.5 - 1.8m	20
33	Populus tremula	Aspen	6-8cm	2.5-2.75m	1.5 - 1.8m	20

G1 Woodland Meadow Mix

For deep shade, this mix provides a colourful, tall mix of plants tolerant of lower light levels

Sowing Rate 12.5kg/ha2 ( 3-4gm2)

Species	Common name	%
20 % wildflowers		
Allium ursinum	Wild Garlic	0.3
Campanula latifolia	Giant Bellflower	1.0
Circea lutelliana	Enchanters Nightshade	0.7
Digitalis purpurea	Foxglove	2
Fragaria vesca	Wild Strawberry	0.1
Geranium robertianum	Herb Robert	0.3
Geum urbanum	Herb Bennet	1.7
Hyacinthoides non-scripta	Bluebell	2
Hypericum pulchrum	Slender St Johns Wort	0.1
Primula vulgaris	Primrose	0.2
Silene dioica	Red Campion	3
Silene flos-cuculi	Ragged Robin	2
Stachys sylvatica	Hedge Woundwort	2
Teucrium scorodinia	Wood Sage	1
Taraxacum officinale	Upright Hedge Parsley	2.5
Vicia sepium	Bush vetch	1
Viola riviniana	Common Dog Violet	0.2
80 % grasses		
Agrostis capillaris	Common Bent	10
Cynosurus cristatus	Crested Dog's Tail	10
Festuca rubra	Red Fescue	25
Poa nemoralis	Wood Meadow Grass	10
Poa pratensis	Smooth-stalked Meadow Grass	25