

APPENDIX 1

TARGET NOTES

Appendix 1 – Habitat Photographs

UKHab	HABITAT DESCRIPTION	PHOTOGRAPH(S)
f1a – Blanket bog	Polygon 23. Tall, wet mire contiguous with adjoining land. Purple moor-grass <i>Molinia caerulea</i> , cross-leaved heath <i>Erica tetralix</i> , bog asphodel <i>Narthecium ossifragum</i> and <i>Sphagnum</i> spp. are abundant, with local round-leaved sundew <i>Drosera rotundifolia</i> .	
f2e – Reedbeds	Polygon 26. Former shallow lagoon dominated by common reed <i>Phragmites australis</i> and greater reedmace <i>Typha latifolia</i> , with bog pondweed <i>Potamogeton polygonifolius</i> and water horsetail <i>Equisetum fluviatile</i> . Birch and willow scrub is encroaching around the margins.	
f2f – Other wetlands	Polygon 51. Former shallow lagoon dominated by greater reedmace and bottle sedge <i>Carex rostrata</i> , with common spike-rush <i>Eleocharis palustris</i> and marsh willowherb <i>Epilobium palustre</i> . New Zealand pygmyweed <i>Crassula helmsii</i> is locally abundant in the eastern part.	

UKHab	HABITAT DESCRIPTION	PHOTOGRAPH(S)
g1c – Bracken	Polygon 6. Bracken <i>Pteridium aquilinum</i> dominates a former disturbed slope, with bluebell <i>Hyacinthoides non-scripta</i> , bramble <i>Rubus fruticosus</i> agg., rosebay willowherb <i>Chamerion angustifolium</i> , raspberry <i>Rubus idaeus</i> and occasional grey willow <i>Salix cinerea</i> . Bluebell locally abundant.	
g3c – Other neutral grassland	Polygon 16. Rank grassland with scrub and tall ruderal encroachment. Bird's-foot trefoil <i>Lotus corniculatus</i> , common sorrel <i>Rumex acetosa</i> , germander speedwell <i>Veronica chamaedrys</i> , common knapweed <i>Centaurea nigra</i> and locally abundant common-spotted orchid <i>Dactylorhiza fuchsii</i> are present.	
g4 – Modified grassland	Polygons 64 and 24. Rye-grass <i>Lolium perenne</i> -dominated grassland with cocksfoot <i>Dactylis glomerata</i> , Yorkshire fog <i>Holcus lanatus</i> and a limited range of common forbs. Scrub is encroaching on the south-western edge of polygon 64.	

UKHab	HABITAT DESCRIPTION	PHOTOGRAPH(S)
		
h1a5 – Dry heaths – lowland	Polygon 4. Patchy dry heath on shallow, exposed substrate with common heather <i>Calluna vulgaris</i> , bell heather <i>Erica cinerea</i> , tormentil <i>Potentilla erecta</i> , heath bedstraw <i>Galium saxatile</i> and wavy hair-grass <i>Deschampsia flexuosa</i> . European gorse <i>Ulex europaeus</i> is encroaching from the margins.	
h1a7 – Wet heathland with cross-leaved heath – lowland	Polygon 7. Wet heath with cross-leaved heath, purple moor-grass, hare's-tail cottongrass <i>Eriophorum vaginatum</i> , deergrass <i>Trichophorum cespitosum</i> , bog asphodel, soft rush <i>Juncus effusus</i> and <i>Sphagnum</i> spp. The vegetation grades into the adjacent mire and willow scrub.	

UKHab	HABITAT DESCRIPTION	PHOTOGRAPH(S)
h3e – Gorse scrub	Polygons 48 and 8. Dense, mature gorse scrub has colonised former tracks, bare ground and quarry faces. The shrub layer is locally continuous, with little associated ground flora.	 
h3h – Mixed scrub	Polygons 33 and 13. Mixed scrub of gorse, grey willow, silver birch <i>Betula pendula</i> , hawthorn <i>Crataegus monogyna</i> , bramble and locally young rowan <i>Sorbus aucuparia</i> . It has established on stockpiles and exposed quarry ground where bare substrate remains frequent.	

UKHab	HABITAT DESCRIPTION	PHOTOGRAPH(S)
		
h3j – Willow scrub	Polygon 9. Dense grey willow scrub in a former wet quarry hollow, with a closed canopy.	
s1d – Other inland rock or scree.	Polygons 29 and 38. Loose quarry spoil, bare ground and rocky ledges, with locally impeded drainage. The more stable substrate supports mouse-ear hawkweed <i>Pilosella officinarum</i> , bird's-foot trefoil, common centaury <i>Centaureum erythraea</i> , common-spotted orchid and scattered mosses.	

UKHab	HABITAT DESCRIPTION	PHOTOGRAPH(S)
		
w1b6 – Other upland mixed ashwoods	Polygon 62. Narrow, linear woodland along the western quarry boundary. Mature ash <i>Fraxinus excelsior</i> and sycamore <i>Acer pseudoplatanus</i> form the canopy, with rowan, holly <i>Ilex aquifolium</i> , goat willow <i>Salix caprea</i> , hawthorn and blackthorn <i>Prunus spinosa</i> in the understorey.	
w1d – Wet woodland	Polygon 11. Narrow Y-shaped wet woodland between waterbodies, dominated by grey willow, downy birch <i>Betula pubescens</i> and rowan. Hawthorn, blackthorn and gorse form a scrubby edge, with a small compartment of early-mature Sitka spruce <i>Picea sitchensis</i> to the south.	

UKHab	HABITAT DESCRIPTION	PHOTOGRAPH(S)
w1g – Line of trees	Polygon 43. Linear tree belt along the former quarry entrance, comprising Leyland cypress × <i>Cuprocyparis leylandii</i> , ash and willow. Bracken and hard fern <i>Blechnum spicant</i> are frequent, with a locally well-developed bank.	
w1g – Other broadleaved woodland	Polygons 18 and 27. Secondary broadleaved woodland with more mature sycamore, goat willow and grey willow in polygon 18, and birch-dominated woodland in a hollow at polygon 27. The understorey includes rowan, hazel <i>Corylus avellana</i> , elder <i>Sambucus nigra</i> , blackthorn, honeysuckle <i>Lonicera periclymenum</i> and bramble. Deadwood is abundant in polygon 27.	

UKHab	HABITAT DESCRIPTION	PHOTOGRAPH(S)
u1b5 Buildings B1	A cluster of derelict quarry processing buildings, comprising a tall corrugated metal-clad structure with attached lower sheds and a small masonry outbuilding. The buildings are weathered and partly obscured by scrub.	 
u1b5 Building B2	Large steel-framed former workshop with corrugated metal roof, blockwork lower walls and wide open access. The interior is open, with a hardstanding floor and scattered quarry materials.	

UKHab	HABITAT DESCRIPTION	PHOTOGRAPH(S)
u1b5 Building B3	Small single-storey brick-built former utility building with a flat concrete roof, open doorway and a single window opening. The interior is largely bare, with localised debris.	
r1 – Standing open water and canals P8	Large, irregular quarry set within bunds, gorse scrub and young birch/willow. Open water is largely unshaded, with sparse marginal vegetation.	
r1 – Standing open water and canals P6	Large quarry pond below exposed rock faces in quarry floor. The pond has an open water centre and a broad, steep-sided quarry profile to the west, with gorse, bramble and young willow/birch scrub around the margins.	

UKHab	HABITAT DESCRIPTION	PHOTOGRAPH(S)
r1 – Standing open water and canals P7	Quarry pond set low in the quarry floor within dense young willow and birch scrub.	
r1 – Standing open water and canals P2	Large pond in the northern former lead mine area, largely enclosed by gorse and young willow/birch scrub. The pond has steep sides, an open water centre with limited emergent vegetation.	
r1 – Standing open water and canals P1	Pond in the northern former lead mine area enclosed by willow and birch. Marginal vegetation is limited.	

UKHab	HABITAT DESCRIPTION	PHOTOGRAPH(S)
r1 – Standing open water and canals P11	Steep sided pond in the northern former lead mine area, with open water; the pond is enclosed by willow and birch scrub and mire.	

DRAWINGS



DRAWING TITLE: Habitat Plan

KEY:

 Red line boundary

UKHab Habitats

 g1c - bracken

 g3c - other neutral grassland

 g4 - modified grassland

 w1b6 - other upland mixed ashwoods

 w1d - wet woodland

 w1g - other broadleaved woodland

 h1a5 - dry heaths; lowland (H4030)

 h1a7 - wet heathland with cross-leaved

 h3e - gorse scrub

 h3h - mixed scrub

 h3j - willow scrub

 f1a - blanket bog

 f2e - reedbeds

 f2f - other wetlands

 u1b5 - buildings

 u1c - artificial unvegetated, unsealed su

 s1d - other inland rock

 r1g - other standing water

SITE: Maes-Y-Droell

CLIENT: Stephenson Halliday

JOB NUMBER: JN00777

DRAWING NUMBER: JN00777_DW09

DATE: June 2026

DRAWN/CHECKED: JK/CH

SCALE: NTS



DRAWING TITLE: Habitat Plan North

KEY:

- Red line boundary
- UKHab Habitats
- g1c - bracken
 - g3c - other neutral grassland
 - g4 - modified grassland
 - w1d - wet woodland
 - w1g - other broadleaved woodland
 - h1a5 - dry heaths; lowland (H4030)
 - h1a7 - wet heathland with cross-leaved
 - h3e - gorse scrub
 - h3h - mixed scrub
 - h3j - willow scrub
 - f1a - blanket bog
 - f2e - reedbeds
 - u1c - artificial unvegetated, unsealed su
 - s1d - other inland rock
 - r1g - other standing water

SITE: Maes-Y-Droell
CLIENT: Stephenson Halliday
JOB NUMBER: JN00777
DRAWING NUMBER: JN00777_DW10
DATE: June 2026
DRAWN/CHECKED: JK/CH
SCALE: NTS



DRAWING TITLE: Habitat Plan South

KEY:

- Red line boundary
- UKHab Habitats
 - g3c - other neutral grassland
 - g4 - modified grassland
 - w1b6 - other upland mixed ashwoods
 - w1g - other broadleaved woodland
 - h3e - gorse scrub
 - h3h - mixed scrub
 - f2e - reedbeds
 - f2f - other wetlands
 - u1b5 - buildings
 - u1c - artificial unvegetated, unsealed su
 - s1d - other inland rock
 - r1g - other standing water

SITE: Maes-Y-Droell
CLIENT: Stephenson Halliday
JOB NUMBER: JN00777
DRAWING NUMBER: JN00777_DW11
DATE: June 2026
DRAWN/CHECKED: JK/CH
SCALE: NTS

