

# Ingleton Quarry

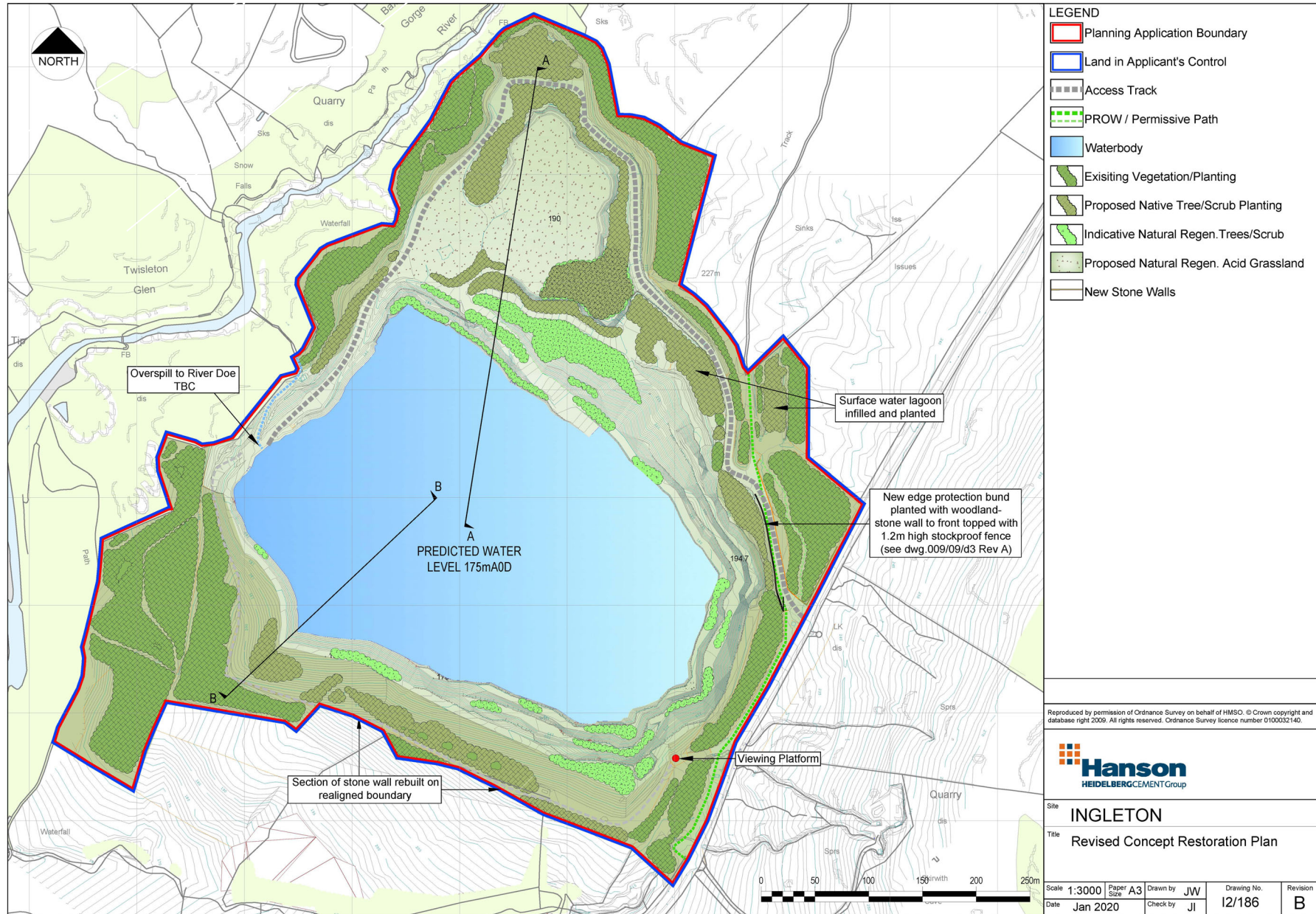
## Site Biodiversity Action Plan



### Site Information- Ingleton

<b>Site Name and Location</b>	Ingleton quarry located just to the north of the village of Ingleton in North Yorkshire. It is within the Yorkshire Dales National Park. Grid Ref – NY523 587
<b>Hanson Company</b>	Hanson Aggregates - North
<b>BAP(s) that will be targeted</b>	UK BAP The 2nd Biodiversity Action Plan for the Yorkshire Dales Biodiversity Action Plan “Nature in the Dales 2020 Vision” (Yorkshire Dales Biodiversity Forum, 2011).
<b>Habitat(s) to be developed</b>	Upland calcareous grassland; Native woodland
<b>BAP species to be encouraged</b>	<i>Birds: Song Thrush, Wood Warbler, Lesser Redpoll</i> <i>Reptiles, Butterflies, Moths and Beetles</i>
<b>Designated Natural Area</b>	Yorkshire Dales
<b>Background and site description</b>	<p>The quarry area is dominated by the working void with small areas of fringing habitats of broadleaved woodland, planted trees and shrubs and a largely un-vegetated quarry waste mound.</p> <p>On restoration, the quarry void is to become a large deep waterbody. The upper benches are to either be left or possibly re-graded through blasting and then planted with patches of scrubby woodland comprising largely silver birch, hawthorn and hazel with juniper, mountain ash, yew, blackthorn and gorse. Further stands of fringing woodland are to be planted around the periphery of the quarry and will include oak with silver birch, alder, hawthorn, blackthorn and bird cherry. Between the tree and scrub planting the areas are to be restored to acid grassland. Seed would be sourced locally, potentially from the Ingleborough SAC or, if the grassland has developed at Old Ingleton quarry, from there. The quarry is set within an area of high nature conservation value.</p>
<b>National Designations (SSSI, SAC, SPAs, RAMSARs and NPs) within 500m</b>	Ingleborough Complex – SAC Thornton and Twistleton Glens – SSSI Ingleborough – SSSI Whernside – SSSI Yorkshire Dales National Park
<b>Resource Requirements</b>	Restoration budget.
<b>Contribution to biodiversity</b>	The large deep lake will have limited biodiversity value but it will influence the micro-climate within the fringing habitats to be created on restoration, enhancing humidity in habitats close to the water's edge.
<b>Partners and Local initiatives</b>	Potential for sourcing hay from Ingleborough National Nature Reserve in consultation with YDNP and Natural England.
<b>Other documents supporting the site BAP</b>	Restoration Plan Long Term Management Plan - AECOM (2020)

# Site Layout



## Action Plan

Item No.	Objective	Biodiversity Feature	Targets	Tasks	Assessing Indicator	Responsible Person	Timescale Completion
1	To create woodland in keeping with the upland oak woodland found in the wider area.	Native woodland	Approximately 4ha already planted with a further 4ha at final restoration	Plant woodland with mainly sessile oak ( <i>Quercus petraea</i> ) with some English oak ( <i>Quercus robur</i> )	1. Ha planted and success of planting. 2. Annual survey for five years of the establishment detailed in annual report.	Landscape Architect	2019 to 2046
2	To create Lowland Acid Grassland	Lowland Acid Grassland	Approximately 3ha to be created at final restoration	Seed from local source within National Nature Reserve if possible.	1. Ha seeded and success. 2. 2. Annual survey for five years of the establishment detailed in annual report.	Landscape Architect	2019 to 2046
3	To assist in the action plan for Yorkshire feather moss ( <i>Thamnobryum cataractarum</i> )	Yorkshire feather moss ( <i>Thamnobryum cataractarum</i> )	To maintain the population present within Thornton and Twistleton SSSI in the gorge below the quarry. Very rare and endemic species discovered as recently as 1991 and currently only known from this single site.	Provide funding for further surveys of the populations within the SSSI on a five-yearly basis.	Population numbers.	Landscape Architect Site Manager	2019,2024, 2029,2034' 2039 and 2046
4	To provide habitat for reptile species.	Reptiles	To create mosaic habitat suitable for reptiles.	Creation of scrub and grassland mosaic on final restoration with open glades for basking.	Survey of established habitats at the end of the 5-year aftercare period.	Landscape Architect Ecologist	2019 to 2046
5	To provide habitat for breeding and foraging birds.	Birds	To create woodland, scrub and mosaic habitats suitable for foraging and nesting.	Creation of woodland, scrub and grassland mosaic.	Ongoing progress detailed in annual report with survey of established habitats at the end of the 5-year aftercare period.	Landscape Architect	Ongoing to 2046
6	Communications and publicity	All	All local schools regard and use site as educational resource.	Maintain educational and local interest group visits whilst quarry still working.  Develop ideas for a nature trail/viewing area for visits following restoration.	No of colleges, universities, schools and students visiting site	Site Manager	Ongoing to 2026