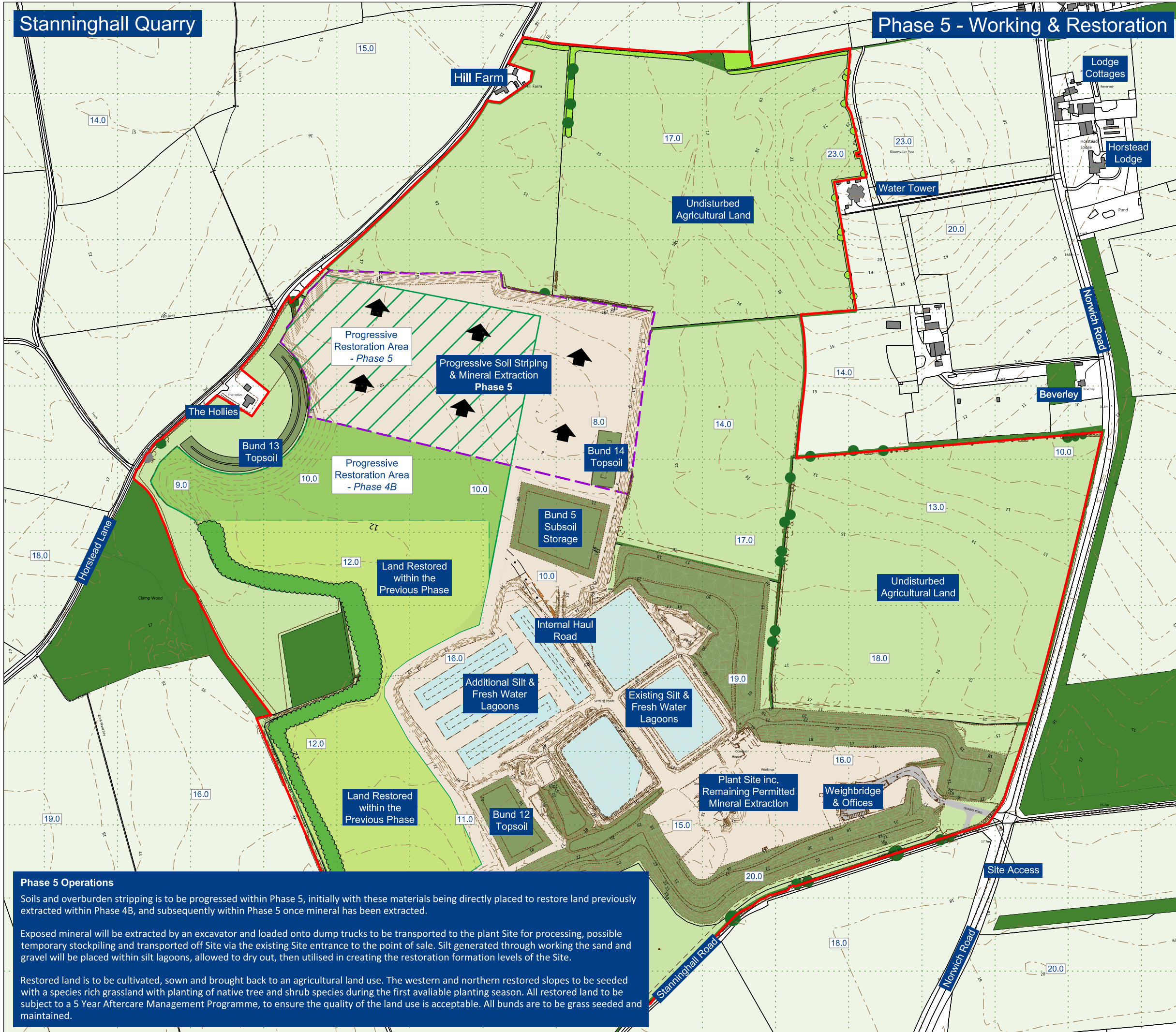


# Stanninghall Quarry

# Phase 5 - Working & Restoration



## Legend

- Planning Application Boundary
- Existing Woodland & Hedgerows
- Surrounding Agricultural Land
- Surrounding Buildings & Roads
- Contours (2m Intervals) & Spot Heights
- Quarry Operational Land & Direction of Working
- Limit of Extraction - Phase 5
- Water Management Lagoons
- Advanced Hedgerow, Tree and Shrub Planting
- Restoration within this Phase
- Undisturbed Agricultural Land within the Application Boundary
- Soils & Overburden Storage Bunds (mixture of grass seeded & planted)
- Proposed Woodland
- Proposed Agricultural Land

### Materials Audit - within this Phase

Material	Quantity
Topsoil (~0.35m)	38,500 m <sup>3</sup>
Upper Subsoil (~0.3m)	33,000 m <sup>3</sup>
Lower Subsoil / Overburden (variable)	60,500 m <sup>3</sup>
<b>Subtotal</b>	<b>132,000 m<sup>3</sup></b>
Silt / Waste	46,100 m <sup>3</sup>
Mineral	1,127,500 ST
Approximate Number of Years of Phase	3.7 Years



**Phase 5 Operations**

Soils and overburden stripping is to be progressed within Phase 5, initially with these materials being directly placed to restore land previously extracted within Phase 4B, and subsequently within Phase 5 once mineral has been extracted.

Exposed mineral will be extracted by an excavator and loaded onto dump trucks to be transported to the plant Site for processing, possible temporary stockpiling and transported off Site via the existing Site entrance to the point of sale. Silt generated through working the sand and gravel will be placed within silt lagoons, allowed to dry out, then utilised in creating the restoration formation levels of the Site.

Restored land is to be cultivated, sown and brought back to an agricultural land use. The western and northern restored slopes to be seeded with a species rich grassland with planting of native tree and shrub species during the first available planting season. All restored land to be subject to a 5 Year Aftercare Management Programme, to ensure the quality of the land use is acceptable. All bunds are to be grass seeded and maintained.



Site Name: Stanninghall Quarry - Proposed Extension

Drawing Name: Phase 5 - Working & Restoration  
**FINAL**

Drawn By: RGD/RJS  
Scale @ A3: 1:5,000

Date: October 2020  
Drawing Number: KD.SH.D.010

