



Proposed Phase 3 Design
 Overburden and Soils Strip = 58,414m³
 Total Insitu mineral = 454,520m³
 Minus 24% waste = 109,085m³
 Net mineral = 345,435m³
 @ 2.5 t/m³ = 863,588m³ saleable tonnes
 @ 125,000 tonnes per annum = 6.9 years life

Phase 2 Restoration Infill
 Total restoration infill = 269,866m³
 Overburden and Soils stripped from Phase 3 = 36,560m³
 Processing waste infill = 109,085m³
 Net infill = 145,645m³
 Inert infill waste to import = 124,221 m³
 ~183,625T @ 1.5T/m³ = 2.3 years of imported infill @ 80,000T/a

Temporary Topsoil Storage ~2806m³

Temporary Topsoil Storage ~7742m³

Temporary Topsoil Storage ~3754m³

Approximately 4.6 years if imported inert fill at 1.5T/m³ @ 80,000T/a ~245,333m³/368,000T

- KEY**
- Application Area
 - Phase Boundary
 - Active Restoration
 - Restored Area
 - Screening Berm
 - Haul Road
 - Quarry Face & Bench
 - Overburden Strip Area
 - Rockfall & Edge Protection Berm
 - Indicative Working Direction
 - Line of cross section

Quarry survey undertaken on 19th February 2019 by DroneSurv. The aerial photo combines the February 2019 aerial, an earlier May 2017 aerial and undated Bing imagery. Additional 3d data purchased as 10m gridded DTM from Getmapping and EA thinned LIDAR data. OS background taken from OS VectorMap data.



Swanworth Quarry (00144)

Phase 3
 Removal of Mineral

Drawn By GEW	Scale 1 : 5000
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