

APPENDIX D SOIL VOLUME DETAILS

Restoration

APPENDIX D SOIL VOLUME DETAILS

be disturbed)					
SUBTOTAL	20.1	62,600	77,300	95,000	227,900
TOTAL Soil Resource within the Site	45.9	147,900	165,700	224,100	537,700

Restoration Materials Balance

The volume of restoration material required to produce the restoration levels and landform illustration on Planning Application Drawing No. 15A (Concept Restoration) is 1,095,000m³.

The materials required to achieve the restoration scheme being obtained from:

- x On site soils and overburden (1.2m profile) 309,800m³
- x Silt waste materials generated from site materials 185,200m³
- x Imported inert material 600,000m³
- x TOTAL 1,095,000m³

In respect of the soil component, the Phasing Drawings (planning Application Drawings Numbers 8-13) describe and illustrate the progressive stripping, movement and placement of materials.

APPENDIX D SOIL VOLUME DETAILS

APPENDIX D SOIL VOLUME DETAILS

Bund 11 (3m high) 12,100m³ formed of Topsoil from the progressive Phase 1 soil s
11 is located within the north of the Phase 1 void, post extraction. The bund will be
in place during the mid and latter stags of Phase 1 extraction (~0.75 years) when th

APPENDIX D SOIL VOLUME DETAILS

Bund 20	(6m high) 7,000m ² formed of progressively stripped Overburden Phase 4 soil strip. Bund 20 is located within the north western area of the base. The bund will be in place for 3 to 4 years when it will be used to restore Phase 5 final
---------	--

All other soils materials are to be stripped phase by phase, and directly placed for restoration.

This provides for the balance of soil stripping and placement to achieve final restoration profiles and volumes.

Phased soils and overburden within each Phase at the end of the development:

Phase	Area m ²	Topsoil (0.3m)	Subsoil (0.3m)	Overburden (0.50m)	Sub Total
Initial Works	38,200	12,600	14,100	19,100	45,800
Phase 1	47,800	15,800	17,700	23,900	57,400
Phase 2	30,700	10,200	11,400	15,400	37,000
Phase 3	45,500	15,000	16,800	22,700	54,500
Phase 4	52,000	17,200	19,200	26,000	62,400
Phase 5	43,900	14,500	16,200	22,000	52,700
SUBTOTALS	258 ha	85,300	95,400	129,100	309,800

The tracks, hard standing area, existing woodland and land not required for mineral extraction is to remain in situ, undisturbed by the proposals.