

**DOWNTON MANOR FARM
INDICATIVE SCHEDULE OF SOIL, OB & MINERAL VOLUMES**

Phase 1 has already been worked and is undergoing final restoration
 Phase 2 has already been stripped and is undergoing extraction
 The volumes and SS/OB depths below are indicative only, based on the available borehole information, which is limited

PHASE 3 (40,000 m ²)	
Type of Material	Total Volume (m ³)
TOPSOIL (0.3m depth)	12,000
SUBSOIL/OB (Av. 0.8m depth)	31,288
MINERAL (cu.m)	135,375
MINERAL (Tonnes: cu.m x 1.6 x 0.9)	194,950

PHASE 4 (22,820 m ²)	
Type of Material	Total Volume
TOPSOIL (0.3m depth)	6,850
SUBSOIL/OB (Av. 1.0m depth)	23,730
MINERAL (cu.m)	69,900
MINERAL (Tonnes: cu.m x 1.6 x 0.9)	100,650

PHASE 5 (23,780 m ²)	
Type of Material	Total Volume
TOPSOIL (0.3m depth)	7,130
SUBSOIL/OB (Av. 0.5m depth)	12,900
MINERAL (cu.m)	80,900
MINERAL (Tonnes: cu.m x 1.6 x 0.9)	116,500

PHASE 6 (23,350 m ²)	
Type of Material	Total Volume
TOPSOIL (0.3m depth)	7,000
SUBSOIL/OB (Av. 0.2m depth)	5,170
MINERAL (cu.m)	104,100
MINERAL (Tonnes: cu.m x 1.6 x 0.9)	149,900

PHASE 7 (Area = 21,470 m ²)	
Type of Material	Total Volume
TOPSOIL (0.3m depth)	6,450
SUBSOIL/OB (Av. 0.4m depth)	9,230
MINERAL (cu.m)	89,800
MINERAL (Tonnes: cu.m x 1.6 x 0.9)	129,300

PHASE 8 (21,430 m ²)	
Type of Material	Total Volume
TOPSOIL (0.3m depth)	6,430
SUBSOIL/OB (Av. 0.3m depth)	7,745
MINERAL (cu.m)	49,200
MINERAL (Tonnes: cu.m x 1.6 x 0.9)	70,850



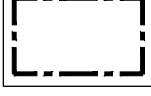

PHASE 9 (27,950 m ²)	
Type of Material	Total Volume
TOPSOIL (0.3m depth)	8,385
SUBSOIL/OB (Av. 0.15m depth)	3,485
MINERAL (cu.m)	112,800
MINERAL (Tonnes: cu.m x 1.6 x 0.9)	162,400

PHASE 10 (30,420 m ²)	
Type of Material	Total Volume
TOPSOIL (0.3m depth)	9,125
SUBSOIL/OB (Av. 0.3m depth)	10,375
MINERAL (cu.m)	111,275
MINERAL (Tonnes: cu.m x 1.6 x 0.9)	160,200

PHASE 11 (31,185 m ²)	
Type of Material	Total Volume
TOPSOIL (0.3m depth)	9,350
SUBSOIL/OB (Av. 0.4m depth)	12,075
MINERAL (cu.m)	79,200
MINERAL (Tonnes: cu.m x 1.6 x 0.9)	114,050

Total Topsoils (cu.m)	72,720
Total Subsoil/OB (cu.m)	115,998
Total mineral (cu.m)	832,550
Total mineral (tonnes)	1,198,800

KEY

-  APPLICATION BOUNDARY
-  EXISTING QUARRY AREA
-  PROPOSED LIMIT OF EXTRACTION
-  PROPOSED PHASE BOUNDARIES

Client **NEW MILTON SAND & BALLAST CO.**

Site **DOWNTON MANOR FARM QUARRY**

Project **PLANNING APPLICATION**

Drawing Title **PROPOSED EXTRACTION PHASING/GEOLOGICAL PLAN**

Date **SEPTEMBER 2017** Drawing No. **26G-01-04Rev.A**

Scale **1:4,000 @ A3**

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