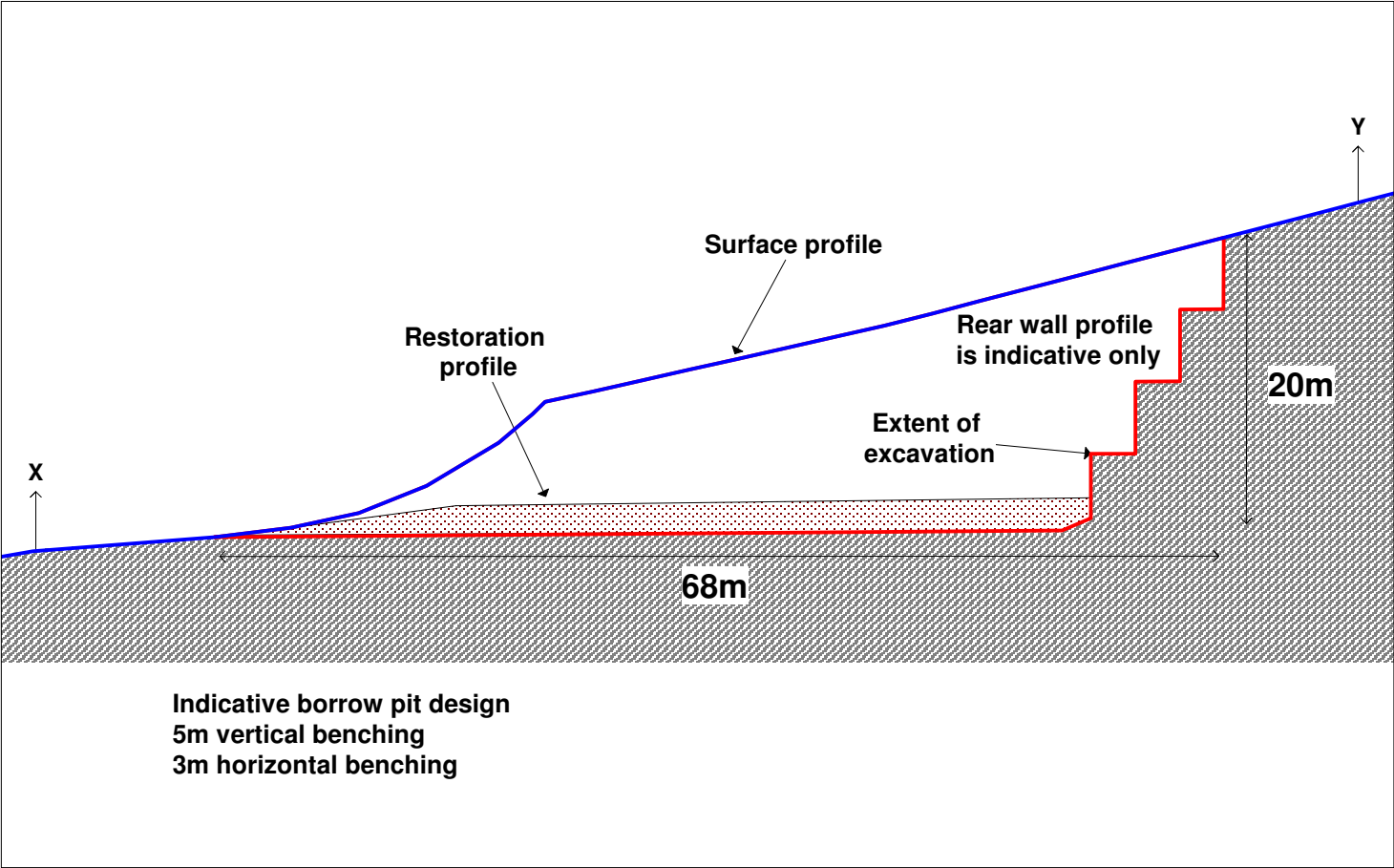


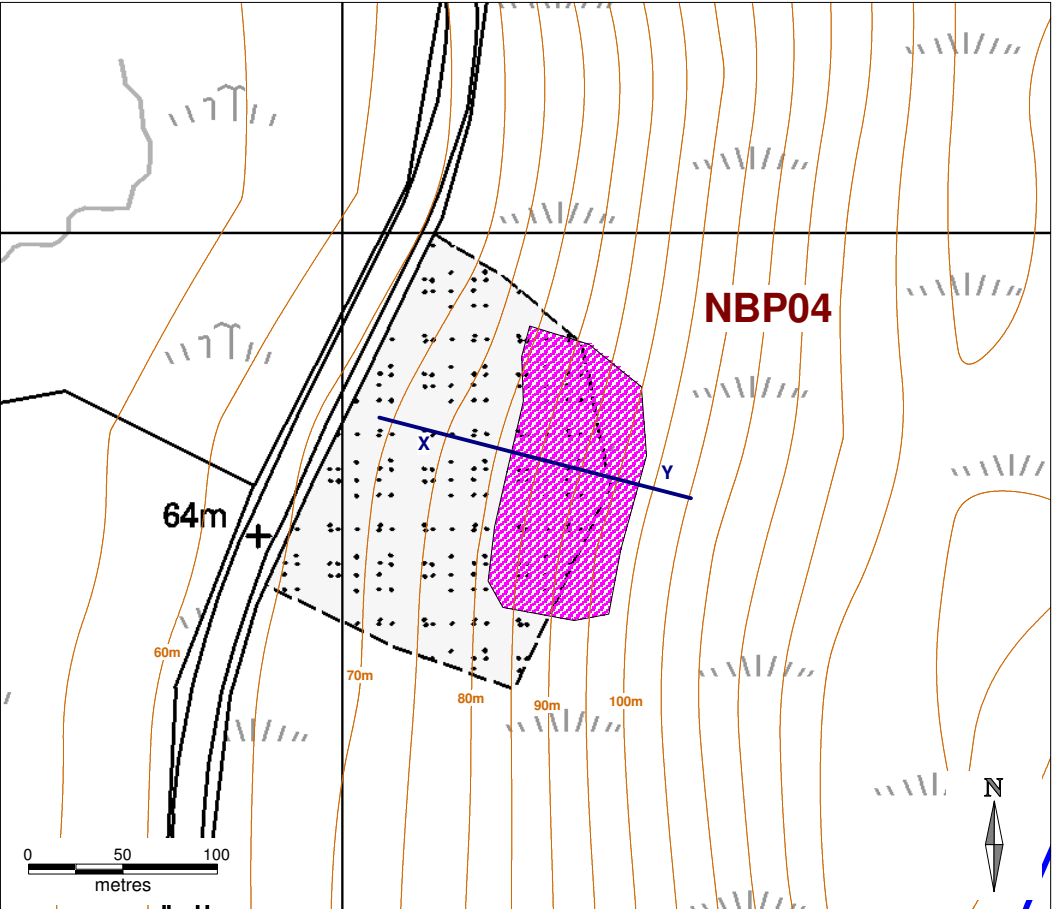
Location Plan  
Scale 1:75,000



Photograph of NBP04: View of part of back wall of existing quarry



Indicative Borrow Pit Cross Section  
Scale 1:500



Indicative Borrow Pit Location  
Scale 1:4,000

Figure A14.16k

**Borrow Pit ID:**  
NBP04

**National Grid Reference:**  
HU 4212 5587

**BP Footprint Area:**  
9,371 sq m

**BP Footprint Dimensions:**  
68 x 130m

**Maximum depth of BP:**  
20m

**Indicative BP Volume:**  
83,500 cubic m


**Lithology:**  
Pale to mid-brown,  
medium- to coarse-grained,  
heavily fractured &  
strongly banded,  
discoloured to disintegrated,  
gneissose GRANITE;  
moderately strong

**Terrain:**  
Existing quarry near main  
road cut into steep W-  
facing slope. Variable peat  
cover. Slope stability  
will require investigation

**Excavation Required:**  
Drilling & blasting

**Restoration:**  
Restoration profile is  
indicative only.

Indicative design only. Detailed design will  
require ground investigation using trial pits  
to determine rockhead, characterise rock  
mass, groundwater and assess slope  
stability parameters & drainage.

Client	 viking energy Harnessing Shetland's natural resources		
Project	Viking Wind Farm Borrow Pit Assessment		
Title	Borrow Pit NBP04 Nesting		
Drawing no.	785640/NBP04	Revisions	CI   CI   SB
Scale	As marked, at A3	Date	20/09/10

**mouchel**