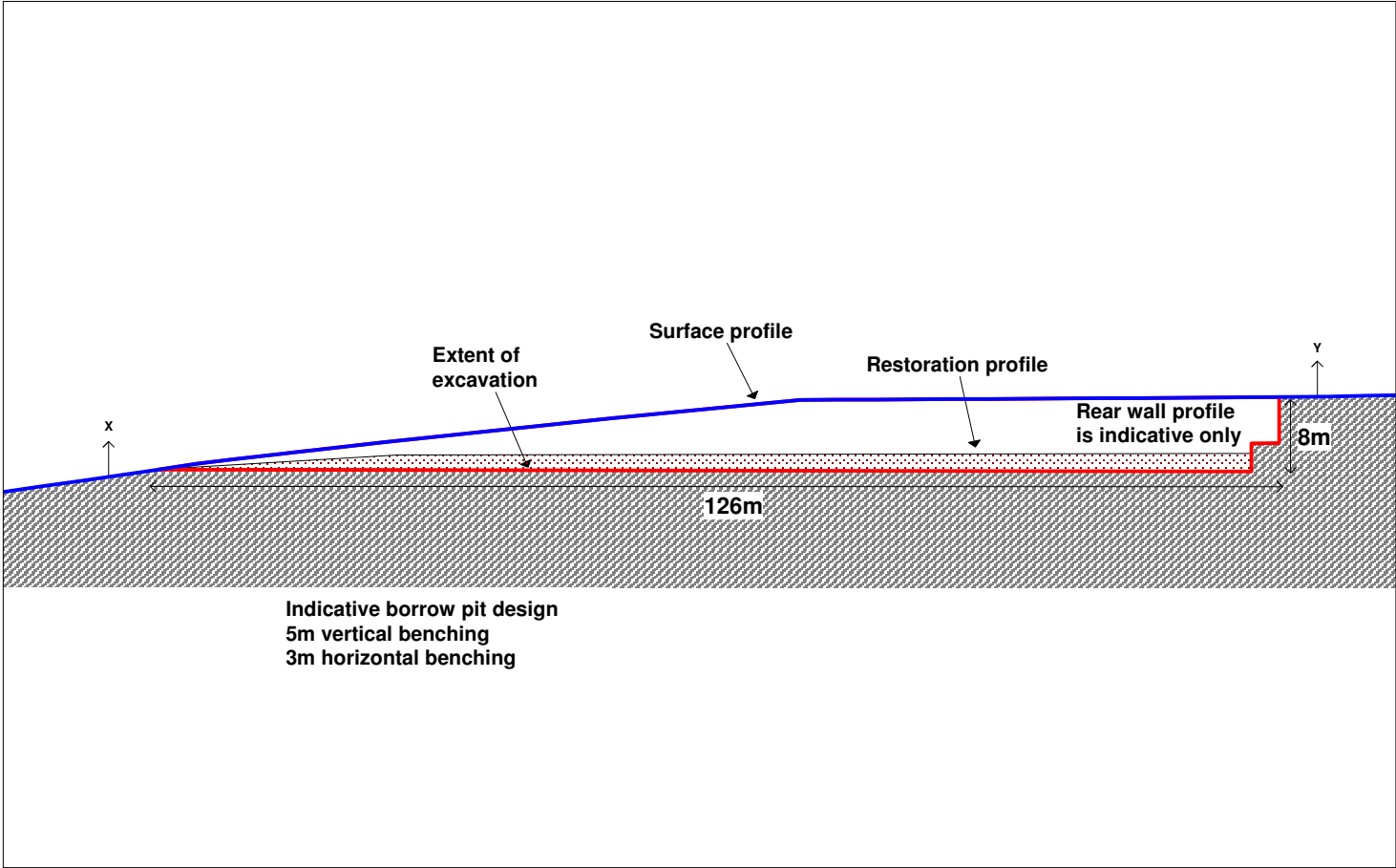
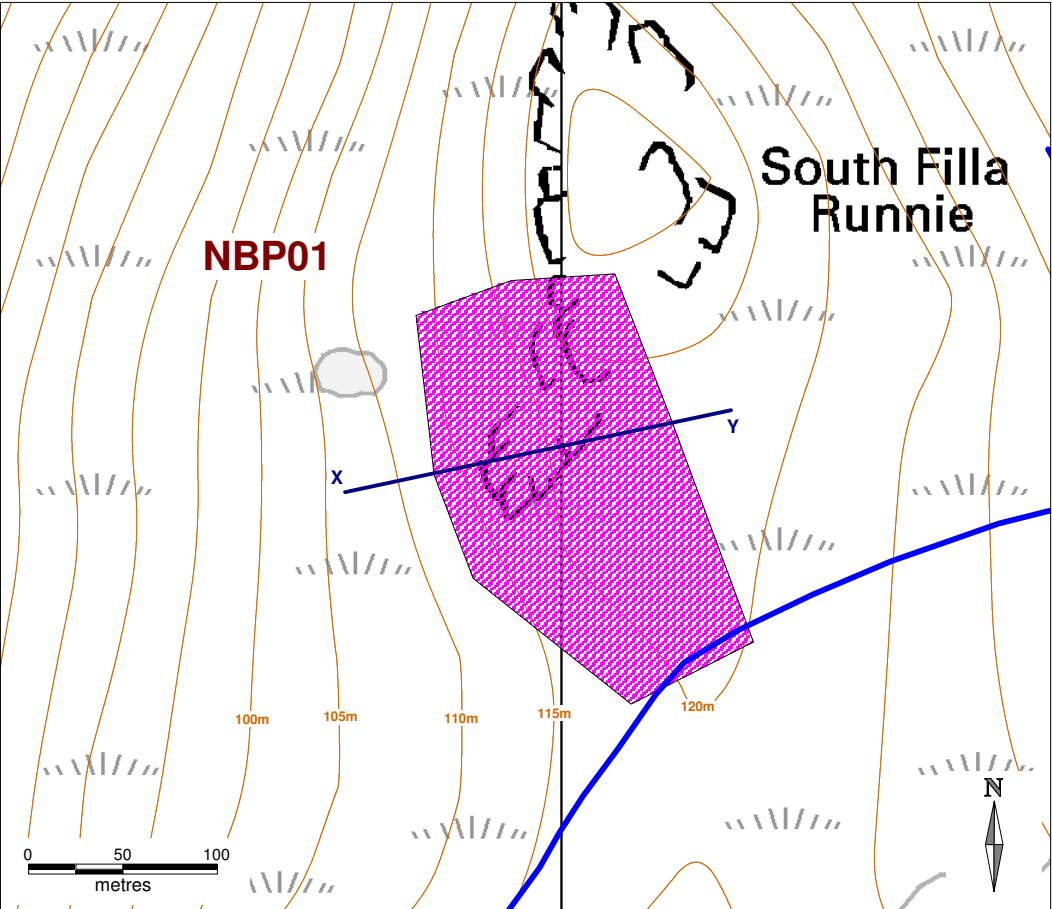


Location Plan
Scale 1:75,000

Photograph of NBP01: View north along front of outcrop



Indicative Borrow Pit Cross Section
Scale 1:750



Indicative Borrow Pit Location
Scale 1:4,000

Figure A14.16i

Borrow Pit ID:
NBP01

National Grid Reference:
HU 4198 6151

BP Footprint Area:
25,360 sq m

BP Footprint Dimensions:
126 x 228m

Maximum depth of BP:
8m

Indicative BP Volume:
155,000 cubic m


Lithology:
Mid- to pale grey-brown,
fine to medium-grained,
moderately jointed &
banded in places,
fresh to discoloured,
MARBLE;
strong to very strong

Terrain:
S end of hill with good
exposure of marble. Slopes
off to W & S sides. Thin
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 NBP01 Nesting		
Drawing no.	785640/NBP01	Revisions	CI CI SB
Scale	As marked, at A3	Date	20/09/10


mouchel