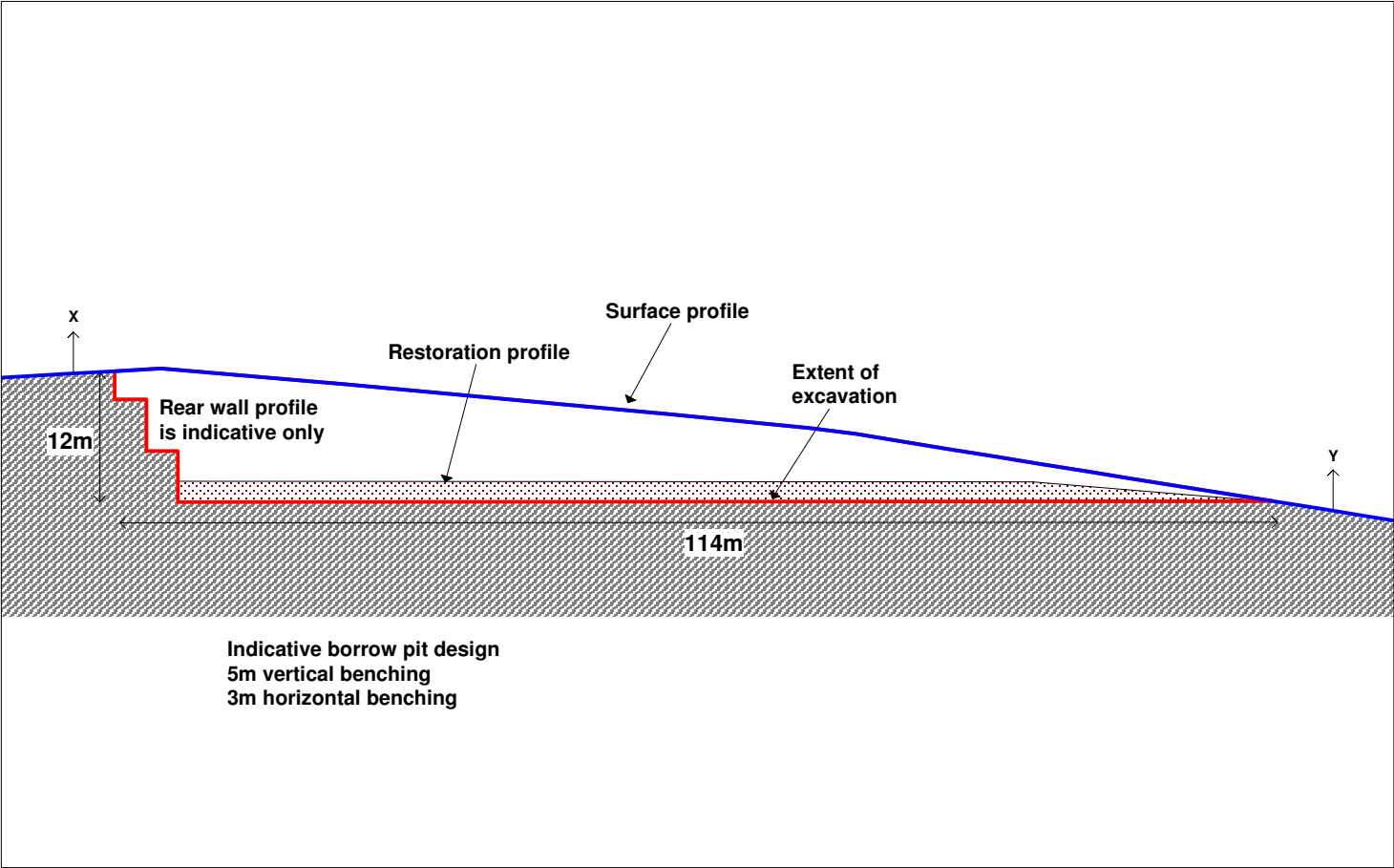


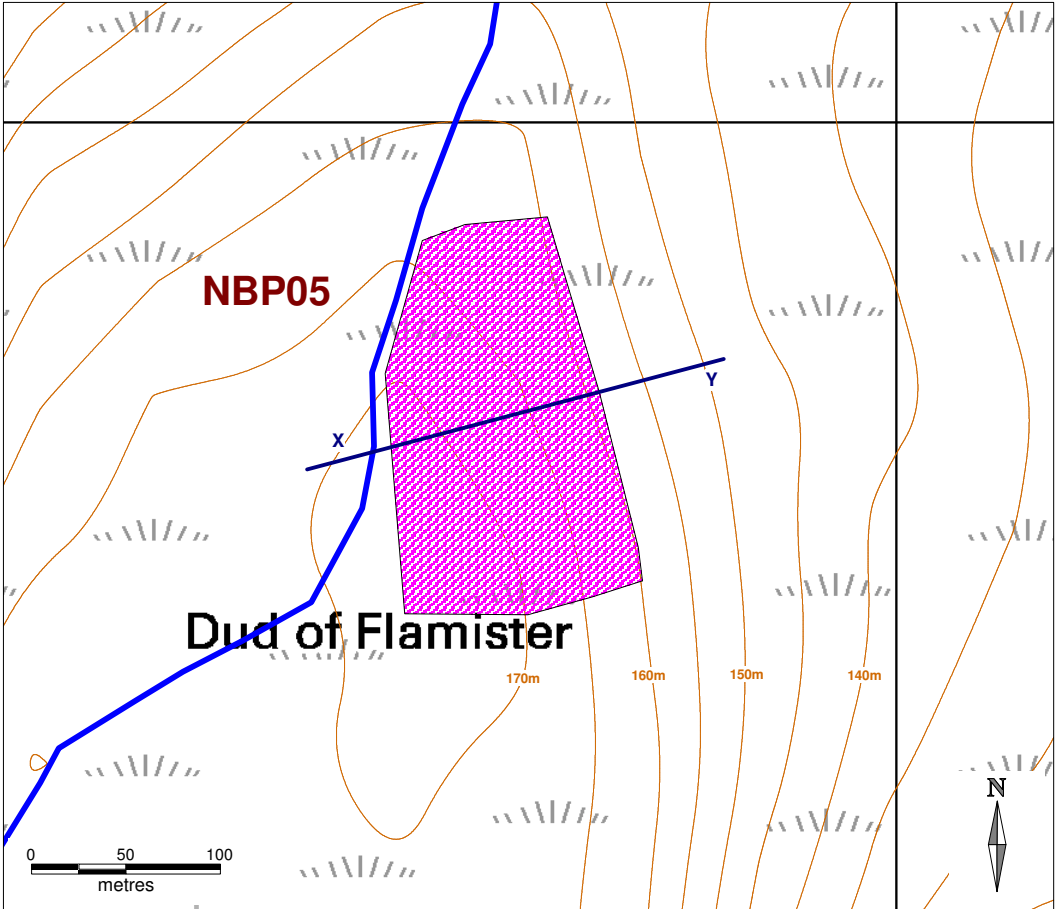
Location Plan
Scale 1:75,000



Photograph of NBP05: View across top of site to the north-east



Indicative Borrow Pit Cross Section
Scale 1:700



Indicative Borrow Pit Location
Scale 1:4,000

Figure A14.16l

Borrow Pit ID:
NBP05

National Grid Reference:
HU 4380 5684

BP Footprint Area:
21,700 sq m

BP Footprint Dimensions:
114 x 208m

Maximum depth of BP:
12m

Indicative BP Volume:
165,000 cubic m


Lithology:
Pale to mid-grey,
medium-grained,
well-foliated & platy
with some colour banding,
fresh to discoloured,
PSAMMITE;
strong to very strong

Terrain:
Summit & E side of Dud of
Flamister. Good exposure
of mineral soil with extensive
peat erosion across site.
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 NBP05 Nesting		
Drawing no.	785640/NBP05	Revisions	CI CI SB
Scale	As marked, at A3	Date	20/09/10

mouchel