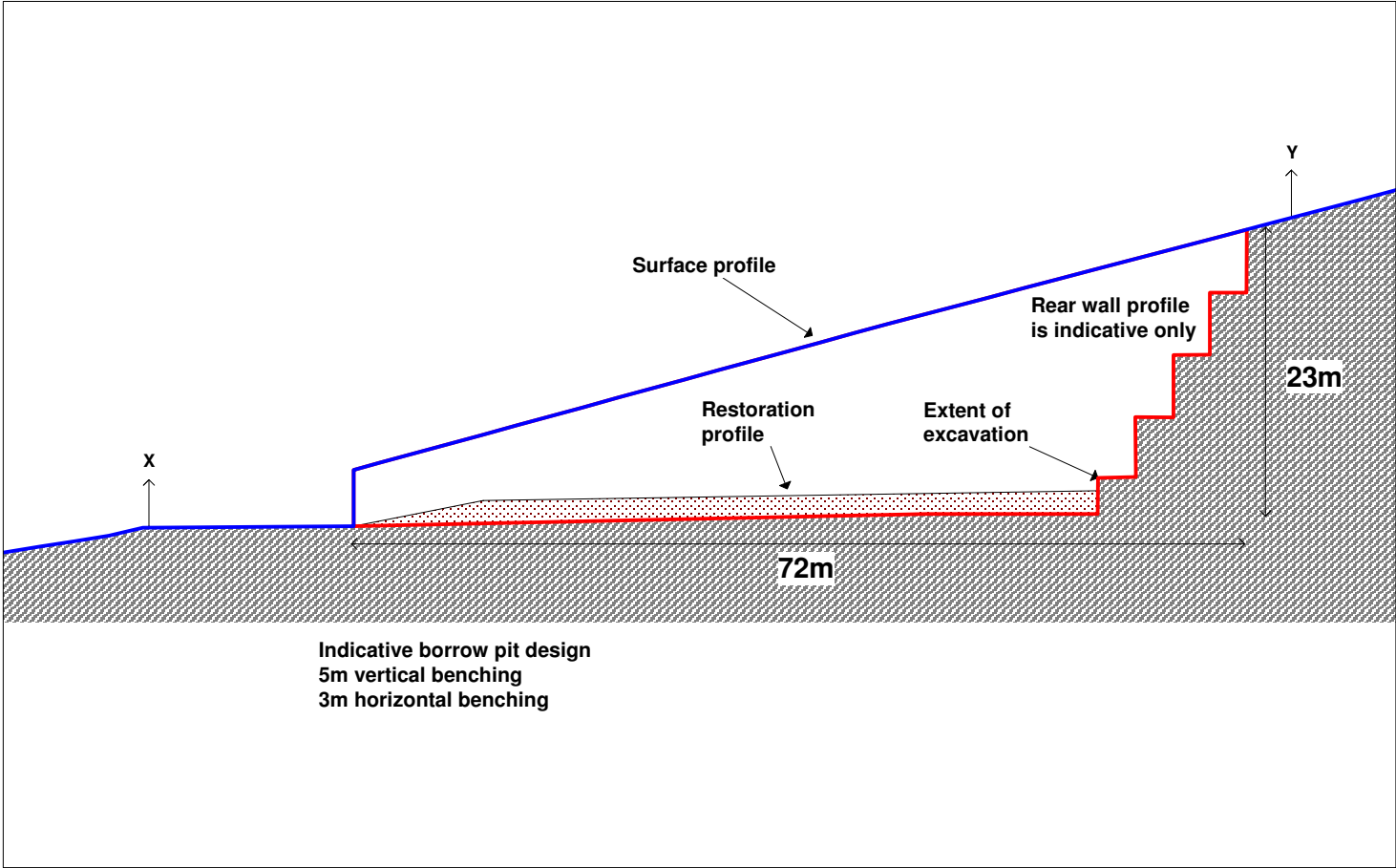
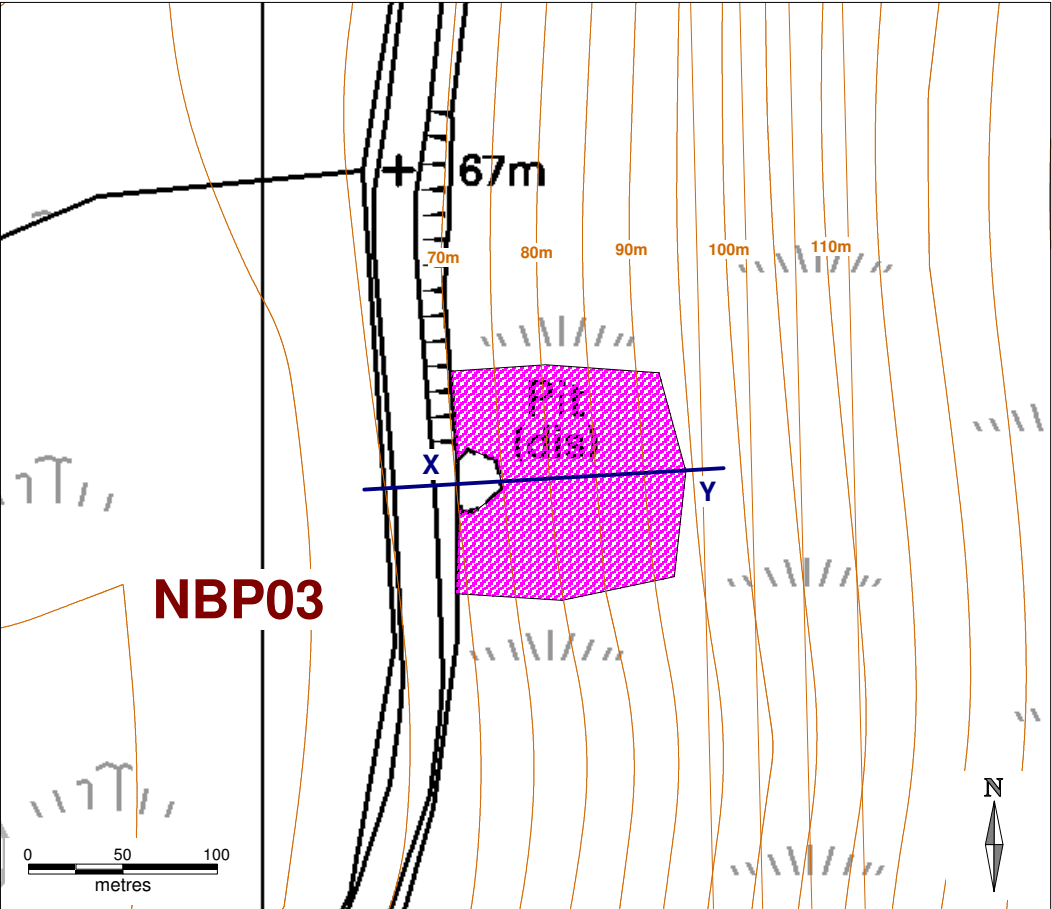


Location Plan
Scale 1:75,000

Photograph of NBP03: View of bedrock exposed in back wall of existing pit



Indicative Borrow Pit Cross Section
Scale 1:600



Indicative Borrow Pit Location
Scale 1:3,000

Figure A14.16j

Borrow Pit ID:
NBP03

National Grid Reference:
HU 4211 5619

BP Footprint Area:
7,403 sq m

BP Footprint Dimensions:
90 x 93m

Maximum depth of BP:
23m

Indicative BP Volume:
83,500 cubic m


Lithology:
Pale grey,
coarse-grained,
massive with some
jointing in places,
fresh to discoloured,
gneissose GRANITE;
strong to very strong

Terrain:
Small existing pit beside
main road, cut into steep
E-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 NBP03 Nesting | | |
| Drawing no. | 785640/NBP03 | Revisions | CI CI SB |
| Scale | As marked, at A3 | Date | 20/09/10 |

mouchel