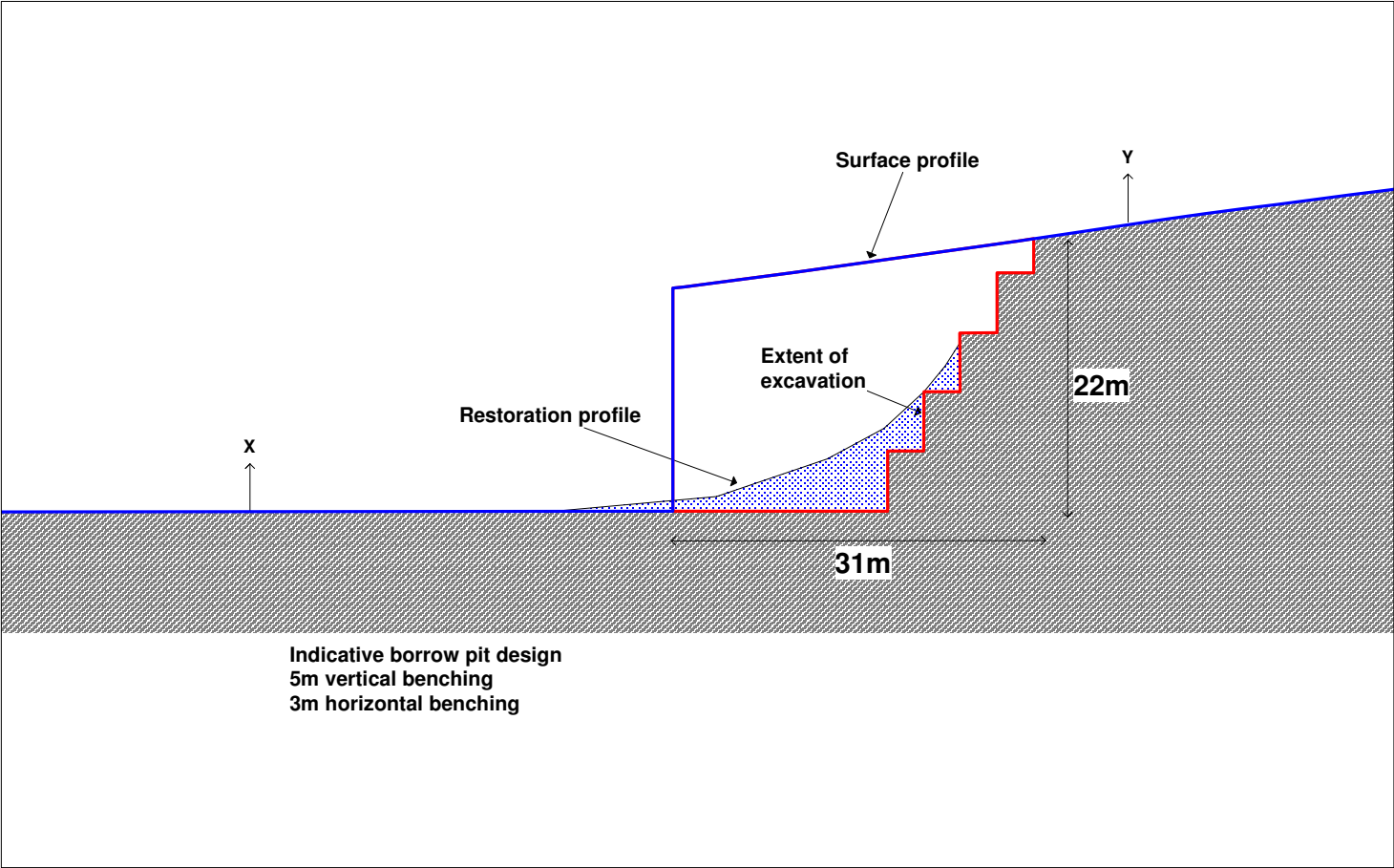


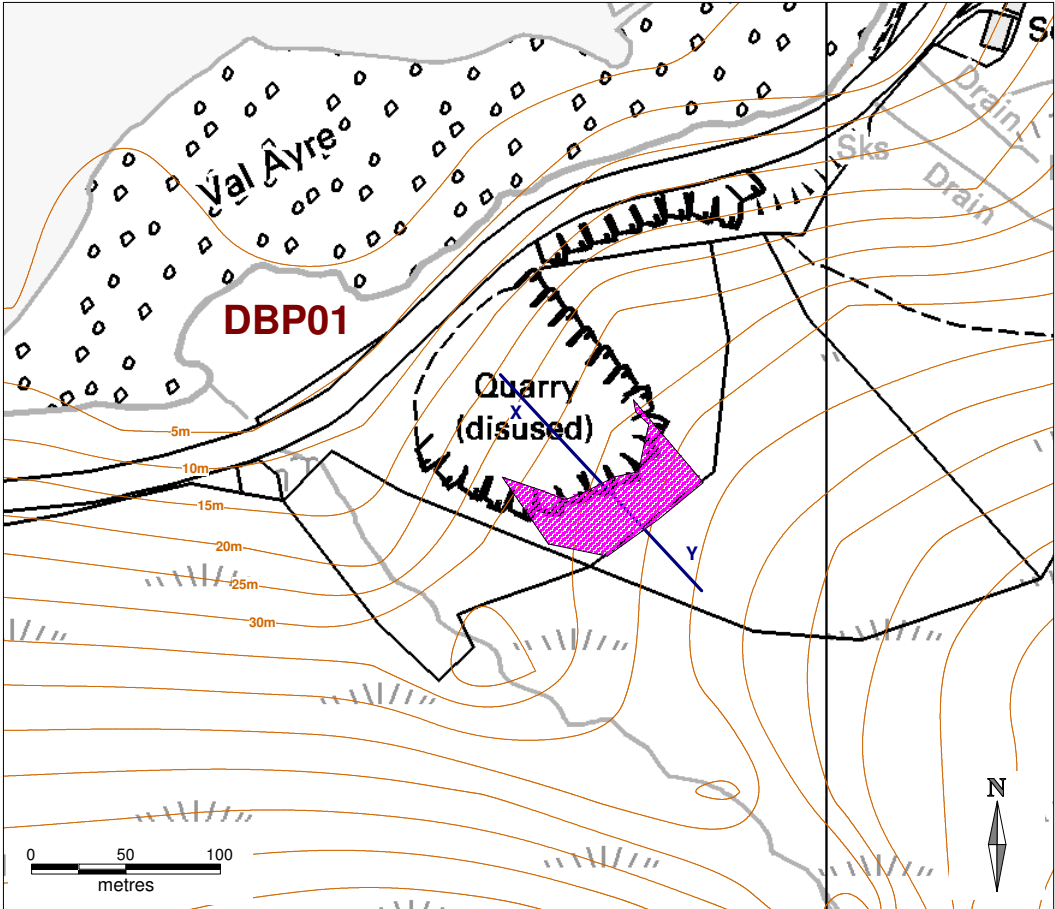
Location Plan
Scale 1:75,000



Photograph of DBP01: View of back wall of existing quarry, looking south-east



Indicative Borrow Pit Cross Section
Scale 1:600



Indicative Borrow Pit Location
Scale 1:4000

Figure 14.2.BP-DBP01

Borrow Pit ID:
DBP01

National Grid Reference:
HU 3689 6949

BP Footprint Area:
2980 sq m

BP Footprint Dimensions:
65 x 87m

Maximum depth of BP:
22m

Indicative BP Volume:
40,000 cubic m

Lithology:
Dark grey,
medium- to coarse-grained,
strongly banded with
some joints & fractures,
fresh to discoloured,
schistose GNEISS;
strong to very strong


Terrain:
Existing disused aggregate
quarry cut into north-west
side of hill. Very thin peat
cover. Slope stability will
require investigation.

Note that Valayre Quarry
is a current SSSI.

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	 Harnessing Shetland's natural resources		
Project	Viking Wind Farm Borrow Pit Assessment		
Title	Borrow Pit DBP01 Delting		
Drawing no.	785640/DBP01	Revisions	CI CI
Scale	As marked, at A3	Date	19/12/08

