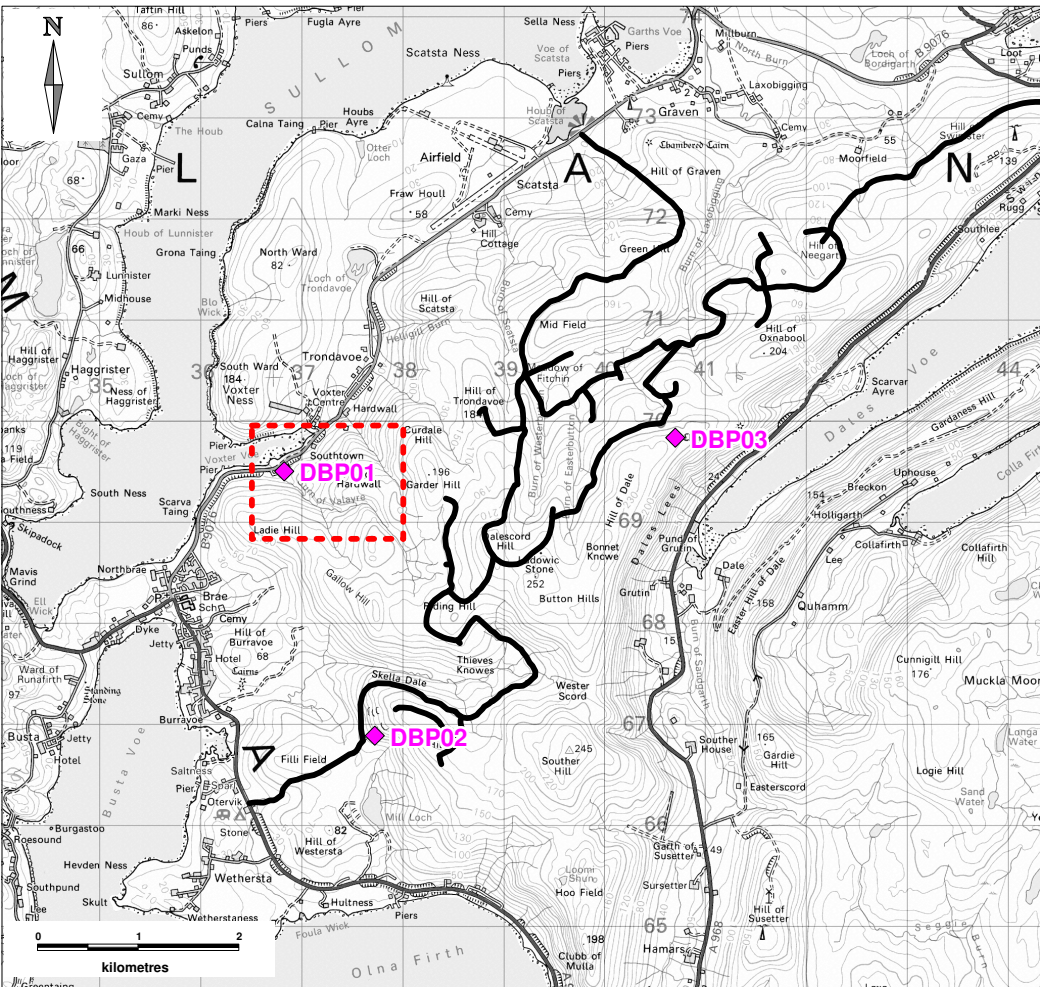
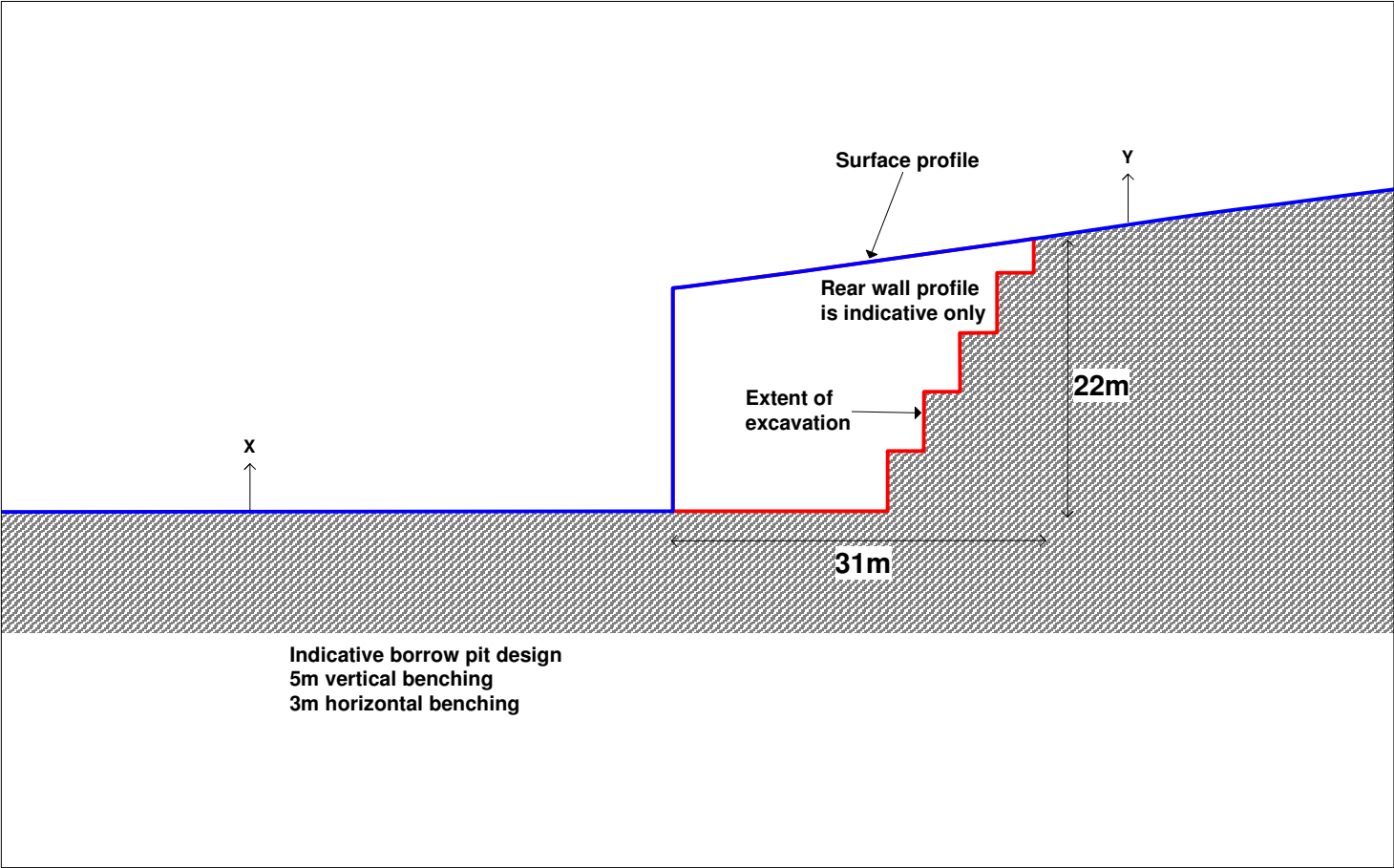




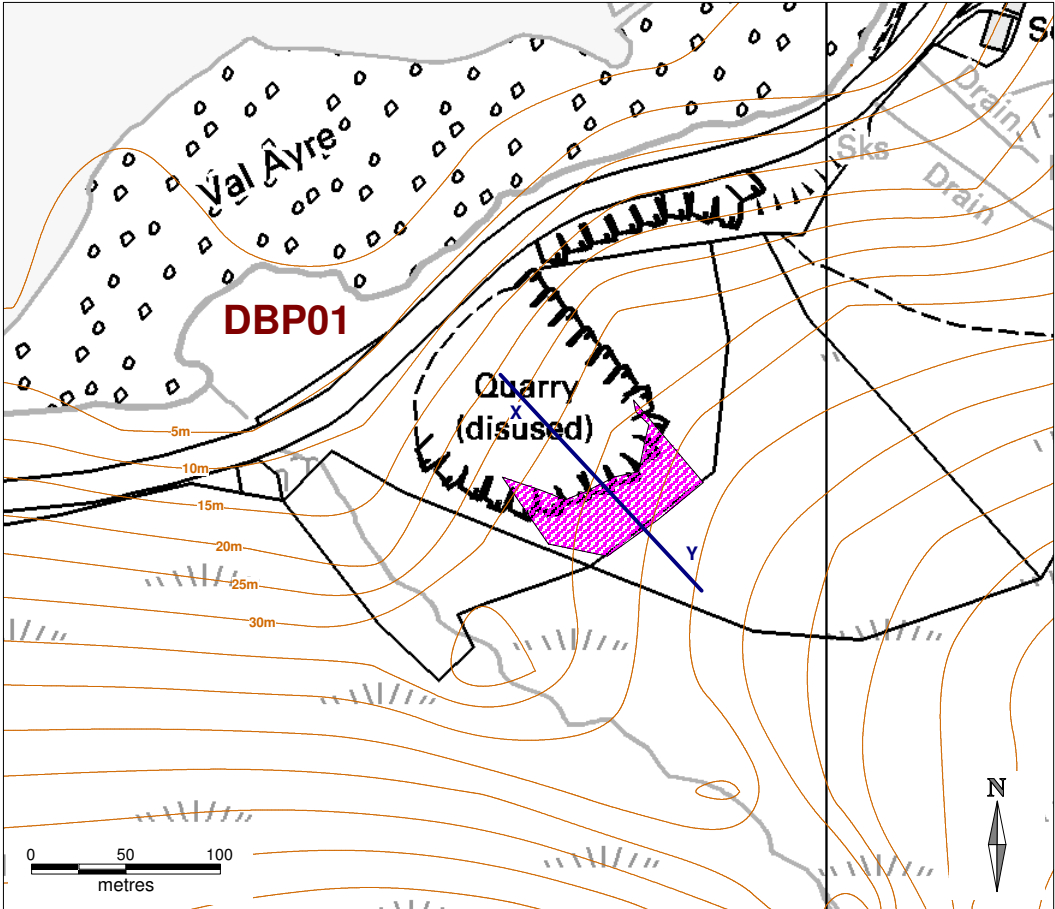
Location Plan
Scale 1:75,000



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 1:4,000

Figure A14.16a

Borrow Pit ID:
DBP01

National Grid Reference:
HU 3689 6949

BP Footprint Area:
2,981 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 will include
stabilisation of quarry walls, for
safety purposes.

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			
Project	Viking Wind Farm Borrow Pit Assessment		
Title	Borrow Pit DBP01 Delting		
Drawing no.	785640/DBP01	Revisions	CI CI SB
Scale	As marked, at A3	Date	20/09/10