APPENDIX L
Historic Borehole Logs & Soilscape Map

SE20SW 67

HOLST & CO. LTD.

SITE INVESTIGATION DEPT

PARKSIDE LANE

LEEDS LS11 5SX.

Contract No. SI 0997/E2475 Borehole No. 3

Location Penistone Grammar School, Sports Hall. Ground Level

Client WEST RIDING COUNTY ARCHITECT Date 10/3/73 2416 0403

BOREHOLE LOG

STRATA	Legend	Depth below Ground Level	Thickness of Strata	Type of Sample	c lb/in²	ø deg	m.c %	y lb/cu. ft.	N
Topsoil with fill		1'0	1'0						
Highly weathered brown fragmented SILTSTONE with occasional clay filled fissures		4'6	3'6	3'0					50
Weathered brown fragmented SILTSTONE		8'0	3'6	5'0					62
Weathered brown SILSTONE		11'0	3'0	10'0					112 for 10"

Water Struck at None Encountered Maximum Observed Water Level

Undisturbed Sample
Disturbed Sample o
Water Sample Δ
Penetration Test I

c = Cohesion
ø = Angle of Internal Friction
m.c = Moisture Content
y = Bulk Density
N = Standard Penetration Value

Water levels are subject to seasonal or tidal variation and should not be taken as constant

HOLST & CO. LTD.

SITE INVESTIGATION DEPT

PARKSIDE LANE

LEEDS LS11 5SX.

SE 20 SW 31
2430 0289

Contract No. S10870/F2412 Borehole No. 6

Location Penistone - St. Johns C. E. School Ground Level

Client WEST RIDING COUNTY ARCHITECT Date

BOREHOLE LOG

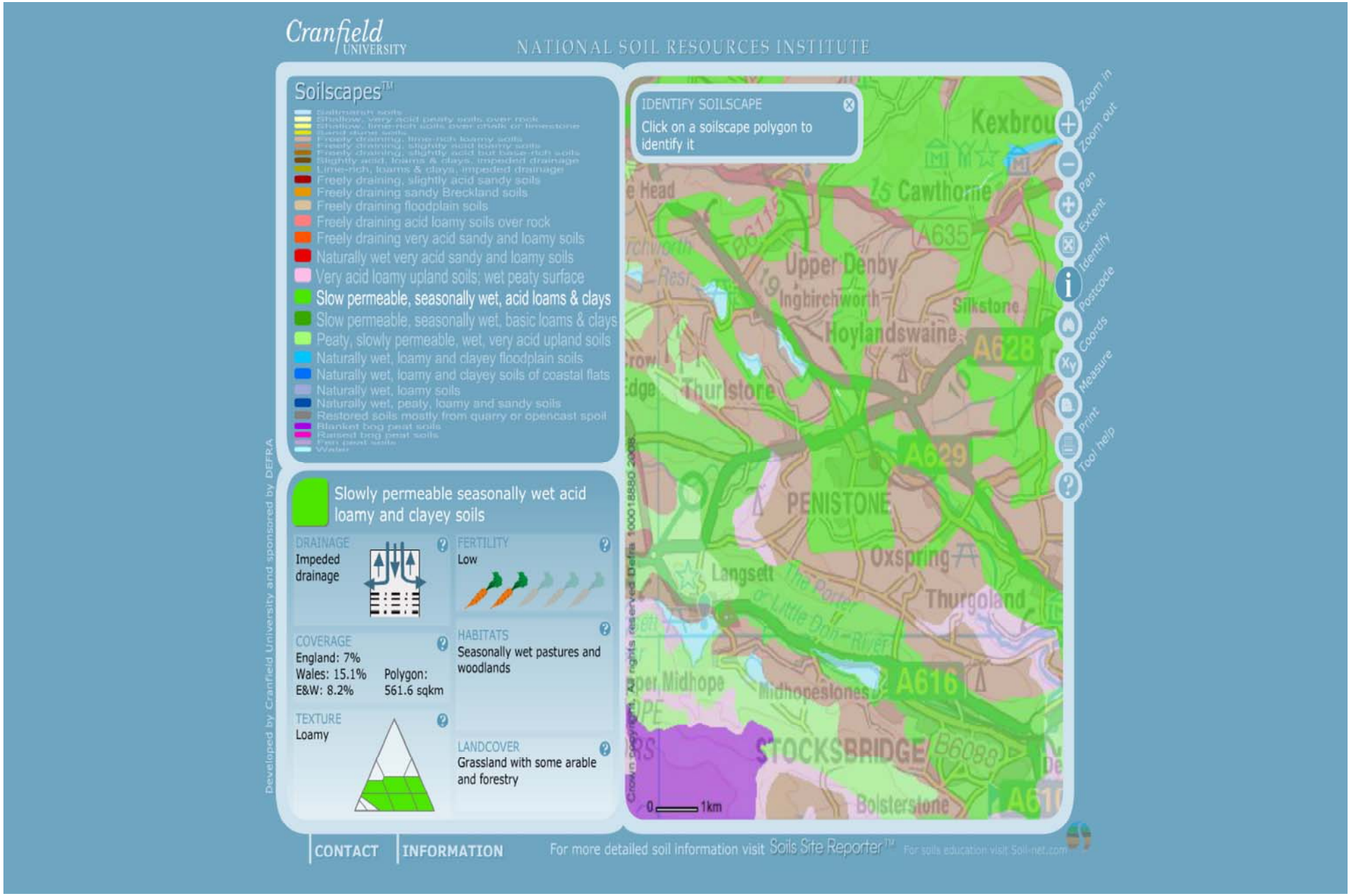
STRATA	Legend	Depth below Ground Level	Thickness of Strata	Type of Sample	c lb/in²	ø deg	m.c %	y lb/cu. ft.	N
TOPSOIL		9"	9"						
Firm brown mottled silty stoney CLAY		3'0"	2'3"	1'6"	10.0	0	22.8	130	
Stiff brown mottled shaley CLAY (weathered mudstone)		6'6"	3'6"	5'0"	16.0	19	17.7	134	
Weathered brown MUDSTONE with siltstone bands		9'6"	3'0"	8'6"					156

Water Struck at None encountered Maximum Observed Water Level

Undisturbed Sample ::
Disturbed Sample o
Water Sample Δ
Penetration Test I

c = Cohesion
ø = Angle of Internal Friction
m.c = Moisture Content
y = Bulk Density
N = Standard Penetration Value

Water levels are subject to seasonal or tidal variation and should not be taken as constant


Cranfield UNIVERSITY
NATIONAL SOIL RESOURCES INSTITUTE
Soilscapes™
Saltmarsh soils
Shallow, very acid peaty soils over rock
Shallow, lime-rich soils over chalk or limestone
Sand dune soils
Freely draining, lime-rich loamy soils
Freely draining, slightly acid loamy soils
Freely draining, slightly acid but base-rich soils
Slightly acid, loams & clays, impeded drainage
Lime-rich, loams & clays, impeded drainage
Freely draining, slightly acid sandy soils
Freely draining sandy Breckland soils
Freely draining floodplain soils
Freely draining acid loamy soils over rock
Freely draining very acid sandy and loamy soils
Naturally wet very acid sandy and loamy soils
Very acid loamy upland soils; wet peaty surface
Slow permeable, seasonally wet, acid loams & clays
Slow permeable, seasonally wet, basic loams & clays
Peaty, slowly permeable, wet, very acid upland soils
Naturally wet, loamy and clayey floodplain soils
Naturally wet, loamy and clayey soils of coastal flats
Naturally wet, loamy soils
Naturally wet, peaty, loamy and sandy soils
Restored soils mostly from quarry or opencast spoil
Blanket bog peat soils
Raised bog peat soils
Fen peat soils
Water
Slowly permeable seasonally wet acid loamy and clayey soils
DRAINAGE
Impeded drainage
FERTILITY
Low
COVERAGE
England: 7%
Wales: 15.1%
E&W: 8.2%
Polygon: 561.6 sqkm
HABITATS
Seasonally wet pastures and woodlands
TEXTURE
Loamy
LANDCOVER
Grassland with some arable and forestry
IDENTIFY SOILSCAPE
Click on a soilscape polygon to identify it
Zoom in
Zoom out
Pan
Extent
Identify
Postcode
Coords
Measure
Print
Tool help
Kexbrough
Cawthorne
Upper Denby
Ingbirchworth
Silkstone
Hoylandswaine
Thurlstone
PENISTONE
Oxspring
Langsett
Thurgoland
Midhopestones
STOCKSBRIDGE
Bolsterstone
A635
A628
A629
A616
B6088
0 1km
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