

# Verbal Soil Description Form

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Job No.

Rep Name.

## Site Details

Customer:

Site/Excavations Ref:

Contact Tel/Fax:

## Verbal Soil Description

## Thickness (m)

Layer 1

Layer 2

Layer 3

Layer 4

Layer 5

Groundwater Observations

Commencing Level:

De-watering: YES NO

Method:

Reduced  
GWL:

## Customer Confirmation (To be completed by the Temporary Works Co-Ordinator or Supervisor)

I confirm that the above soil description is accurate and relevant, and should be used to prepare a temporary works shoring scheme.

Signed (by customer):

Name (print):

Title:

Date:

## Reference: Soil Identification Chart

SOIL TYPE		PARTICLE SIZE, mm	COMPACTNESS/ STRENGTH		NOTES & VALUES				
			TERM	FIELD IDENTIFICATION					
Description generally in accordance with BS 5930: 1981. For more information see British Standard.									
COARSE	GRAVELS	Coarse	20	Loose	Can be excavated by spade; 50mm wooden peg easily driven.	Density	SPT 'N' Value	o	
		Medium				Very Loose	< 4	< 28	
		Fine	Loose			4 - 10	28 - 30		
			Dense			10 - 30	30 - 41		
	SANDS	Coarse	6	Dense	Requires pick for excavation; 50mm peg hard to drive	Dense	30 - 50	36 - 41	
						Very Dense	> 50	> 41	
		Medium	0.2	Slightly Cemented	Visual examination; pick removes soil in lumps which can be abraded.	Secondary constituent of course soils			
						Prefix	Suffix	% Course	% Fine
						Slightly (Sandy)	With a little Occasional	< 5	< 5
						(Sandy)	With some	5 - 20	2 - 15
Fine	0.06	Very (Sandy)	Much/many	20 - 40	15 - 35				
FINE	SILTS			Coarse	0.02	Soft or Loose	Easily moulded or crushed in the fingers.	Secondary constituent of course soils	
		Prefix	Suffix					Proportion (%)	
		Medium	0.006	Firm or Dense	Can be moulded or crushed by strong pressure in fingers.	Slightly (Sandy)	Occasional	< 35	
	Fine	(Sandy)				With some	35 - 65		
	CLAYS	0.002	Very Soft	Exudes between fingers when squeezed by hand.	Strength (kN/m2)				
					< 20				
					Soft	Moulded by lighter finger pressure.	20 - 40		
					Firm	Can be moulded by strong finger pressure.	40 - 75		
					Stiff	Cannot be moulded by fingers. Can be indented by thumb.	75 - 150		
	Very Stiff	Can be indented by thumb nail.	> 150						
ORGANIC	ORGANIC CLAY, SILT OR SAND	Varies	Firm	Fibres already compressed together.	Structure				
					Spongy	Very compressible and open structure.	Fibrous	Plant remains recognizable and retain some strength	
	Plastic						Can be moulded in hand, and smears on fingers.	Amorphous	Recognizable plan remains absent