



Soil Profile Description

Profile ID	Date ... / ... / ...	Surveyor	Status (t1) 1 2 3 4 5
Location (admin.)	GPS E ... ° ... ' ... "	GPS N ... ° ... ' ... "	Elevation (m.)
(Base) map unit ID	Topography (t7) <0.5 0.5-2 2-5 5-10 10-15 15-30 30-45 45-60 >60		
Major landform (t4) L (P L D F V) - S (E H M P) - T (E H M V)		Position in landform, descr.	
Position on slope (f2) CR UP MS LS TS BO	Slope form (t6) S C V T X / S V C		Slope (%) ...
Land Use (t8) A M H F P S Y O U	Crop (t9) Ce Oi Fo Ro Fr Fi Ve Pu Lu Ot		Human infl. (t10)
Geology descr.		Parent material (t12) I M S U	
Outcrops/stoniness (t15)	Cover (%) ... , N V F C M A D Size (cm.) ... , F M C S B L		
Erosion (t16, 17, 18)	Category N W A WA M NK Area % ... , 0 1 2 3 4 5 Degree S M V E		
Sealing (t20)	Thickness (mm) ... , N F M T V Consistence S H V E		
Cracks (t21)	Width (cm) ... , F M W V E Depth (cm) ... , S M D V Distance (m) ... , C D M W V		
Surface drainage V R W S E	Soil drainage E S W M I P V	Flooding freq. (. /yr) duration (wks)	
Depth to groundwater (cm) / N	Depth to bedrock (cm) / N	Rootable depth (cm), V S M D X	
Local soil name		Field WRB	
Notes, observations, diagram			

Profile ID					
Horizon (p67 t85)	1	2	3	4	5
Depth interval (cm)	0 -				
Hor. Boundary Distinct. (t24) Topography (t24)	A C G D S W I B	A C G D S W I B	A C G D S W I B	A C G D S W I B	A C G D S W I B
Texture class (f4, t25)					
Coarse fragments Abundance % (t26) Size mm (t27) Weathering state (t29)	N V F C M A D F M C S B L F W S	N V F C M A D F M C S B L F W S	N V F C M A D F M C S B L F W S	N V F C M A D F M C S B L F W S	N V F C M A D F M C S B L F W S
Colour munsell code moist					
Colour munsell code dry					
Mottles Abundance (t32) Size (t33) Prominence (t34) Colour munsell code	N V F C M A V F M C F D P	N V F C M A V F M C F D P	N V F C M A V F M C F D P	N V F C M A V F M C F D P	N V F C M A V F M C F D P



Soil Profile Description

Carbonates (t38) by HCl		N SL MO ST EX	N SL MO ST EX	N SL MO ST EX	N SL MO ST EX	N SL MO ST EX
Field pH						
Horizon (p67 t85)		1	2	3	4	5
Structure	Grade (t47)	WE MO ST	WE MO ST	WE MO ST	WE MO ST	WE MO ST
	Size (t50)	VF F M C VC	VF F M C VC	VF F M C VC	VF F M C VC	VF F M C VC
	Type (t49) (str breaking into str 2)	RS SG MA PM PR AB SAB PR WE CO GR WC PL CL CR LU	RS SG MA PM PR AB SAB PR WE CO GR WC PL CL CR LU	RS SG MA PM PR AB SAB PR WE CO GR WC PL CL CR LU	RS SG MA PM PR AB SAB PR WE CO GR WC PL CL CR LU	RS SG MA PM PR AB SAB PR WE CO GR WC PL CL CR LU
Structure 2	Grade (t47)	WE MO ST	WE MO ST	WE MO ST	WE MO ST	WE MO ST
	Size (t50)	VF F M C VC	VF F M C VC	VF F M C VC	VF F M C VC	VF F M C VC
	Type (t49)	RS SG MA PM PR AB SAB PR WE CO GR WC PL CL CR LU	RS SG MA PM PR AB SAB PR WE CO GR WC PL CL CR LU	RS SG MA PM PR AB SAB PR WE CO GR WC PL CL CR LU	RS SG MA PM PR AB SAB PR WE CO GR WC PL CL CR LU	RS SG MA PM PR AB SAB PR WE CO GR WC PL CL CR LU
Consistency	Dry (t53)	LO SO SHA HA VHA EHA	LO SO SHA HA VHA EHA	LO SO SHA HA VHA EHA	LO SO SHA HA VHA EHA	LO SO SHA HA VHA EHA
	Moist (t54)	LO VFR FR FI VFI EFI	LO VFR FR FI VFI EFI	LO VFR FR FI VFI EFI	LO VFR FR FI VFI EFI	LO VFR FR FI VFI EFI
	Wet (t55, 56)	NS SS S VS NP SP P VP	NS SS S VS NP SP P VP	NS SS S VS NP SP P VP	NS SS S VS NP SP P VP	NS SS S VS NP SP P VP
Moisture status (t57)		VD D SM M W VW	VD D SM M W VW	VD D SM M W VW	VD D SM M W VW	VD D SM M W VW
Porosity	Volume % (t60)	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5	1 2 3 4 5
	Abundance (t63)	N V F C M	N V F C M	N V F C M	N V F C M	N V F C M
Coatings	Abundance % (t64)	N V F C M A D	N V F C M A D	N V F C M A D	N V F C M A D	N V F C M A D
	Contrast (t65)	F D P	F D P	F D P	F D P	F D P
	Nature (t66)	C S MN SF PF	C S MN SF PF	C S MN SF PF	C S MN SF PF	C S MN SF PF
Cementation	Nature (t71)					
/compaction	Degree (t72)	N Y W M C I	N Y W M C I	N Y W M C I	N Y W M C I	N Y W M C I
Mineral concentrations	Abundance % (t73)	N V F C M A D	N V F C M A D	N V F C M A D	N V F C M A D	N V F C M A D
	Size mm (t75)	V F M C	V F M C	V F M C	V F M C	V F M C
	Hardness (t76)	H S B	H S B	H S B	H S B	H S B
	Nature (t77)					
Roots	Size mm (t79)	VF F M C	VF F M C	VF F M C	VF F M C	VF F M C
	Abundance % (t80)	N V F C M	N V F C M	N V F C M	N V F C M	N V F C M
Biological activity	Abundance % (t81)	N V F C M	N V F C M	N V F C M	N V F C M	N V F C M
	Kind (t82)	A B C E P T I	A B C E P T I	A B C E P T I	A B C E P T I	A B C E P T I
Sample interval (cm)						
Sample ID						
Diagnostic horizon						
Diagnostic property						
Diagnostic material						

SOIL PIT



Soil Profile Description

SOIL PIT

Profile ID	Date ... / ... / ...	Surveyor	Status (t1) 1 2 3 4 5
Location (admin.)	GPS E ... ° ... ' ... "	GPS N ... ° ... ' ... "	Elevation (m.)
(Base) map unit ID	Topography (t7)		
Major landform (t4)		Position in landform, descr.	
Position on slope (f2)		Slope form (t6)	Slope (%) ...
Land Use (t8)		Crop (t9)	Human infl. (t10)
Geology descr.		Parent material (t12)	
Outcrops/stoniness (t15)	Cover (%) ...	Size (cm.) ...	
Erosion (t16, 17, 18)	Category	Area % ...	Degree
Sealing (t20)	Thickness (mm) ...	Consistence	
Cracks (t21)	Width (cm) ...	Depth (cm) ...	Distance (m) ...
Surface drainage	Soil drainage	Flooding freq. (. /yr) duration (wks)	
Depth to groundwater (cm) / N	Depth to bedrock (cm) / N	Rootable depth (cm)	
Local soil name		Field WRB	
Notes, observations, diagram			

Profile ID									
Horizon (p67 t85)	1		2		3		4		5
Depth interval (cm)	0 -								
Hor. Boundary Distinct. (t24)									
Topography (t24)									
Texture class (f4, t25)									
Coarse fragments									
Abundance % (t26)									
Size mm (t27)									
Weathering state (t29)									
Colour munsell code moist									
Colour munsell code dry									
Mottles Abundance (t32)									
Size (t33)									
Prominence (t34)									
Colour munsell code									



Soil Profile Description

Carbonates (t38) by HCl					
Field pH					
Horizon (p67 t85)	1	2	3	4	5
Structure Grade (t47)					
Size (t50)					
Type (t49)					
(str breaking into str 2)					
Structure 2 Grade (t47)					
Size (t50)					
Type (t49)					
Consistency Dry (t53)					
Moist (t54)					
Wet (t55, 56)					
Moisture status (t57)					
Porosity Volume % (t60)					
Abundance (t63)					
Coatings Abundance % (t64)					
Contrast (t65)					
Nature (t66)					
Cementation Nature (t71)					
/compaction Degree (t72)					
Mineral Abundance % (t73)					
concentrations Size mm (t75)					
Hardness (t76)					
Nature (t77)					
Roots Size mm (t79)					
Abundance % (t80)					
Biological Abundance % (t81)					
activity Kind (t82)					
Sample interval (cm)					
Sample ID					
Diagnostic horizon					
Diagnostic property					
Diagnostic material					

SOIL PIT



Soil Profile Description
AUGER SITE

Profile ID	Date ... / ... / ...	Surveyor	Status (t1) 1 2 3 4 5
Location (admin.)	GPS E ... ° ... ' ... "	GPS N ... ° ... ' ... "	Elevation (m.)
(Base) map unit ID	Topography (t7) <0.5 0.5-2 2-5 5-10 10-15 15-30 30-45 45-60 >60		
Major landform (t4) L (P L D F V) - S (E H M P) - T (E H M V)		Position in landform, descr.	
Position on slope (f2) CR UP MS LS TS BO	Slope form (t6) S C V T X / S V C		Slope (%) ...
Land Use (t8) A M H F P S Y O U	Crop (t9) Ce Oi Fo Ro Fr Fi Ve Pu Lu Ot		Human infl. (t10)
Geology descr.		Parent material (t12) I M S U	
Outcrops/stoniness (t15)	Cover (%) ... , N V F C M A D Size (cm.) ... , F M C S B L		
Erosion (t16, 17, 18)	Category N W A WA M NK Area % ... , 0 1 2 3 4 5 Degree S M V E		
Sealing (t20)	Thickness (mm) ... , N F M T V Consistence S H V E		
Cracks (t21)	Width (cm) ... , F M W V E Depth (cm) ... , S M D V Distance (m) ... , C D M W V		
Surface drainage V R W S E	Soil drainage E S W M I P V	Flooding freq. (. /yr) duration (wks)	
Depth to groundwater (cm) / N	Depth to bedrock (cm) / N	Rootable depth (cm), V S M D X	
Local soil name		Field WRB	



Soil Profile Description

Notes, observations, diagram



Soil Profile Description

AUGER HORIZONS

Profile ID																												
Horizon (p67 t85)	1		2		3		4		5																			
Depth interval (cm)	0 -																											
Hor. Boundary Distinct. (t24)	A	C	G	D	A	C	G	D	A	C	G	D																
Texture class (f4, t25)																												
Coarse fragments																												
Abundance % (t26)	N	V	F	C	M	A	D	N	V	F	C	M	A	D														
Size mm (t27)	F	M	C	S	B	L	F	M	C	S	B	L	F	M	C	S	B	L										
Weathering state (t29)	F		W		S	F		W		S	F		W		S	F		W		S								
Colour munsell code moist																												
Colour munsell code dry																												
Mottles Abundance (t32)	N	V	F	C	M	A	N	V	F	C	M	A	N	V	F	C	M	A										
Size (t33)	V		F		M	C	V		F		M	C	V		F		M	C										
Prominence (t34)	F		D		P	F		D		P	F		D		P	F		D		P								
Colour munsell code																												
Carbonates (t38) by HCl	N	SL	MO	ST	EX	N	SL	MO	ST	EX	N	SL	MO	ST	EX	N	SL	MO	ST	EX								
Field pH																												
Consistency Wet (t55, 56)	NS	SS	S	VS	NS	SS	S	VS	NS	SS	S	VS	NS	SS	S	VS	NS	SS	S	VS								
	NP	SP	P	VP	NP	SP	P	VP	NP	SP	P	VP	NP	SP	P	VP	NP	SP	P	VP								
Moisture status (t57)	VD	D	SM	M	W	VW	VD	D	SM	M	W	VW	VD	D	SM	M	W	VW	VD	D	SM	M	W	VW				
Cementation Nature (t71)																												
/compaction Degree (t72)	N	Y	W	M	C	I	N	Y	W	M	C	I	N	Y	W	M	C	I	N	Y	W	M	C	I				
Mineral concentrations Abundance % (t73)	N	V	F	C	M	A	D	N	V	F	C	M	A	D	N	V	F	C	M	A	D	N	V	F	C	M	A	D
Size mm (t75)	V		F		M	C	V		F		M	C	V		F		M	C	V		F		M	C				
Hardness (t76)	H		S		B	H		S		B	H		S		B	H		S		B	H		S		B			
Nature (t77)																												
Diagnostic horizon																												
Diagnostic property																												
Diagnostic material																												

AUGER