

SOIL PROFILE DESCRIPTION

ALCB01789b

( Date of Survey 17.10.89 - 19.10.89

NO	TEXTURE	COLOUR	DEPTH (CM)	SOIL PROFILE NOTES	TOPOGRAPHY NOTES
1	MSZL/MSL	10YR53	0-30	2% surface flint (2-6 cm)	
	MSL	7.5YR46	30-62		
			I	Wetness Class I	
2	MSZL/MSL	10YR33	0-40	2% surface flint	
	MSL	7.5YR46	40-52		
			I	WC I	
3	MSZL	10YR22	0-35	1-2% surface flint	
	MSZL	7.5YR46	35-40		
	MSL/MSZL	7.5YR58/68	40-54		
			I	(others Imp at 26, 25 cm); WC I	
4	MSZL	10YR22/32	0-32	10-15% surface flint	stony shoulder
			I	(too stony to auger below); WC I	
5	MSZL	10YR32	0-30	5-10% surface flint	
			I	(too stony to auger below)	
				(2nd Imp at 26 cm); WC I	
6	MSZL	10YR32	0-35	2% surface flint	
	MSZL	10YR44	35-40		
			I	(too stony to auger below)	
				(2nd Imp at 30 cm); WC I	
7	MSZL	10YR32	0-35	5-10% surface flint	slight shoulder
	MSZL	10YR33	35-43		
			I	(too stony to auger below)	
				(2nd Imp at 30 cm); WC I	
8	MSZL	10YR32	0-35	2-5% surface stone	
	MSZL	7.5YR46	35-45		
			I	(too stony to auger below)	
				(2nd Imp at 33 cm); WC I	
9	MSZL	10YR32	0-35	2-5% surface stone	
	MSZL	7.5YR46	35-55		
	MSL	7.5YR46	55-68	(others Imp at 30, 40 cm); WC I	

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NO	TEXTURE	COLOUR	DEPTH (CM)	SOIL PROFILE NOTES	TOPOGRAPHY NOTES
10	MSZL	10YR32	0-30	approx 25% surface flint	
			I	(too stony to auger further)	
				(2nd Imp at 25 cm); WC I	
11	MSZL	10YR32	0-32	aprox. 20% surface flint	
			I	(2nd Imp at 25 cm); WC I	
12	MSZL	10YR32	0-22	approx 5% surface flint	minor dry valley
	HCL	10YR54	22-32	and ochreous (sandy) weathering	
			I	colours	
				(2nd Imp at 29 cm); WC I	
13	MSZL	10YR32	0-28	2% surface flint	
	HCL	10YR56	28-40	and 10YR52	
	MSL	10YR56	40-60	and 10YR52; weathering colours	
			I	WC I	
14	MSZL	10YR32	0-28	2% surface flint	
	M/FSZL	10YR52	28-60	and ochreous weathering colours	
	MSZL	10YR62	60-72	and streaks of ochreous weathering	
			I	colours; WC I	
15	MSZL	10YR32	0-30	2% surface flint	
			I	(too stony to auger further)	
				(others Imp at 29, 26 cm); WC I	
16	MSZL	10YR32	0-40	2% surface flint	
	MCL	7.5YR56	40-56		
			I	(too stony to penetrate); WC I	
17	MSZL	10YR32	0-25	2-5% surface flint	
	MSL	7.5YR56	25-45		
			I	(too stony to penetrate); WC I	
18	MSZL	10YR32	0-30	5-10% surface flint	
	MSZL	10YR46	30-44		
			I	(too stony to penetrate)	
				2nd Imp at 40 cm; WC I	



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NO	TEXTURE	COLOUR	DEPTH (CM)	SOIL PROFILE NOTES	TOPOGRAPHY NOTES
19	MSZL	10YR32	0-20	approx 10% surface flint	below 3B stony
	MSZL	10YR46	20-44		shoulder
			I	(too stony to penetrate)	
20	MSL	10YR33	0-26	2% surface flint	
	MSZL	10YR56	26-68		
			I		
21	MSZL	10YR22	0-28	20-25% surface flint	
			I	(too stony to penetrate; 2nd Imp at 25 cm)	
22	MSL	10YR33	0-25	2% surface flint	
	M/FSZL	10YR56	25-60	little stone throughout profile	
			I		
23	MSZL	10YR32	0-26	2% surface flint	
	MSZL	10YR56	26-80+	10YR61 from 40cm; ochreous weathering colours but no mottling or SPL; WC I	
24	MSZL	10YR32	0-35	2-5% surface flint	
	MSZL	10YR56	35-46		
			I	(too stony to penetrate, 2nd Imp at 25 cm)	
25	MSZL	10YR32	0-38	2% surface flint	
	MSL	10YR46	38-45		
	FSZL	10YR46/56	45-80+		
26	MSZL	10YR32	0-35	2-5% surface flint	
	MSZL	10YR44/56	35-53	little stone throughout profile	
			I		
27	MSZL	10YR32	0-28	5-10% surface flint	
	FSZL	10YR46	28-50		
	FSZL	10YR56	50-69		
			I	(too stony to penetrate)	



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NO	TEXTURE	COLOUR	DEPTH (CM)	SOIL PROFILE NOTES	TOPOGRAPHY NOTES
28	MSZL	10YR22	0-25	2% surface flint	
	MSZL	10YR46	25-40		
	FSZL	10YR56	40-53		
			I		
29	MSZL	10YR33	0-37	2-5% surface flint	Adjacent to
	MSZL	10YR46	37-51		mineral bund
			I		
30	MSZL	10YR33	0-30	2% surface flint	
	MSZL	10YR46	30-54		
			I	(too stony to penetrate; 2nd Imp at 33 cm)	
(Soil profile examined nearby, but outside the area, revealed deep subsoils to + 1 metre before stony layers of + 25% flint)					
31-33 : This field has been mined and restored and is now several feet below the surrounding fields. No topsoil present, simply a stony MSL, 10YR43/53 which is difficult to penetrate below 15 cm. No pit dug; presumed ALC grade 4.					
34	M/FSZL	10YR43	0-32		
			I	(2nd Imp at 30 cm)	
35	MSZL	10YR33	0-25		
	MSZL	10YR46	25-40		
	MSZL	10YR56	40-54		
			I		
36	MSZL	10YR33	0-40		
			I		
37	MSZL	10YR33	0-35		
	MSZL	10YR33	35-40	slightly paler	
	MSZL	10YR46	40-50		
	F/MSZL	10YR56	50-63		
			I		



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NO	TEXTURE	COLOUR	DEPTH (CM)	SOIL PROFILE NOTES	TOPOGRAPHY NOTES
38	MSZL	10YR32	0-32		
	MSZL	10YR36/46	32-48		
			I	(2nd Imp at 30 cm)	
39	MSZL	10YR32	0-30		
	MSZL	10YR46	30-48		
			I	(too stony to penetrate; 2nd Imp at 32 cm)	
40	MSZL	10YR32	0-32		
	MSZL	10YR46	32-46		
			I	(2nd Imp at 22 cm)	
41	MSZL	10YR32	0-35		
	MSZL	10YR46	35-62		
			I	(too stony to penetrate)	
42	MSZL	10YR21	0-20		
	MSZL	10YR46	20-40	10YR56 from 35 cm	
			I	(too stony to penetrate)	
43	MSZL	10YR32	0-28		
	MSZL	10YR46	28-45		
			I	(2nd Imp at 43 cm)	
44	MSZL	10YR33	0-25		
	MSZL	10YR46	25-52	10YR56 from 40 cm	
			I		
45	MSZL	10YR33	0-28		
	MSZL	10YR46	28-60	to 7.5 YR46	
			I	(too stony to penetrate)	
46	MSZL	10YR33	0-35		
	MSZL	10YR44	35-45		
	MSZL	7.5YR46	45-60		
			I	(too stony to penetrate)	



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47	MSZL	10YR33	0-33	approx 2% surface flint	
	MSZL	10YR44	33-40		
	MSZL	10YR46	40-68		
			I		
48	MSZL	10YR32	0-22	(too stony to penetrate; 2nd Imp at 35 cm)	
	M/FSZL	10YR46	22-66		
			I		
49	MSZL	10YR32	0-22	2-5% surface flint	
	MSZL	10YR46	22-40		
			I	(too stony to penetrate)	