

Date of Survey

NO	TEXTURE	COLOUR	DEPTH (CM)	SOIL PROFILE NOTES	TOPOGRAPHY NOTES
1	MSZL	10YR33	0-25	rusty roots and cdom; evidence of very flinty top soil elsewhere (too stony to penetrate; others Imp at 18, 19 cm)	Floodplain alluvium
2	MZCL	10YR42	0-30	cdo & gm	Floodplain
	MZCL	10YR41	30-45	cdo & gm	
	MZCL/ZL	10YR31	45-60	cdo & gm	
	Org ZL	10YR31	60-80+	grey mottling Evident wetness problem but no SPL in top 80 cm; WC IV	
3	MSZL	10YR32	0-25	cdo & gm; flinty throughout profile	Floodplain
	MZCL	10YR41	25-49	cdom; becoming Org from 40 cm (others Imp at 18, 25 cm); WC IV	
4	MSZL	10YR32	0-15	cdo & gm	
	ZC	10YR61	15-40	cdo & gm; approx 10% flint less than 2 cm (too gravelly to auger further); WC IV	Floodplain
5	MSZL	10YR33	0-30		Just above Floodplain
	MSZL	10YR44	30-45	flinty horizon (+ 5%)	
6	MSZL	10YR/33	0-30		
	MSZL	10YR44	30-40	5% small flint in auger head and difficult to auger profile due to larger flint	
	CSZL	10YR44	40-50		
7	MSZL	10YR33	0-30		
	MSZL	10YR44	30-39		
			I	(2nd Imp at 35 cm)	
8	MSZL	10YR53	0-20	grass with presumed high topsoil	5° slope
			I	flint content; too flinty to penetrate (others Imp at 18 cm)	

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9	MSZL	10YR33	0-21	Grassed with presumed high topsoil	Top of slope
			I	stone content; too flinty to penetrate	
				below 21 cm; 2nd Imp at 18 cm.	
10	MSZL	10YR33	0-20		5-6° slope
			I	(too stony to penetrate; 2nd Imp	(locally 7½-8° at
				at 17 cm)	top of slope)
11	MSZL	10YR33	0-25		Base of slope
			I	(x 2; too stony to penetrate)	
12	MSZL	10YR33	0-25		Ridge top
			I	(too stony to penetrate; others	
				Imp at 22 cm)	
13	MSZL	10YR32	0-20		
	MZCL	10YR42	20-25	occasional calc. frags	
			I	(apparently solid over chalk)	
14	MZCL	10YR32	0-26	5% surface flint and 5% less	7° slope
			I	than 2 mm in topsoil.	
15	MSZL	10YR22	0-28	approx 5% surface flint	Local 8½ slope
			I	(too stony to penetrate)	
16	MSZL	10YR22	0-22	grassed with apparent high topsoil	
			I	stone content (10-15%)	
				(too stony to penetrate; others	
				Imp at 20, 18, 18 cm)	
17	MSZL	10YR43	0-25	grassed with towards 10% stone on	
			I	surface	
				(too stony to penetrate; 2nd Imp	
				at 22 cm)	
18	MSZL	10YR33	0-25	grassed with towards 10% stone on	
				surface; too stony to penetrate;	
				others Imp at 22, 18 cm	

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19	MSZL	10YR33	0-23	Grassed with towards 5% surface	
			I	flint (too stony to penetrate; others	
				Imp at 22 cm)	
20	ZL	10YR43	0-25	Grassed with approx 5% surface flint	
			I	(too stony to penetrate; others	
				Imp at 22 cm)	
21	Org ZL	10YR22	0-20	cdo & gm	Floodplain with
	MSZL	10YR53	20-35	cdo & gm	patches of Juncus in
	Org MSZL		35-80+	black and grey; cdo & gm	wet hollows
				Damp profile throughout despite	
				very dry conditions elsewhere; no	
				SPL but Water Table problem - wet	
				within 40 cm for + 90 days; WC IV	
22	Org ZL	10YR22	0-18	cdom	Wide ridge & Furrow
	Chalky lens		18-25		for drainage; ASP
	MZCL		25-40	with 30-50% soft weathd. chalk	on ridge; wet hollows
	Org ZL		40-80+	approx 25% soft chalk, cdom	
23	Org MSZL	10YR22	0-52	little variation within; cdom;	See above
			I	Impenetrable flinty layer below	
				(2nd Imp at 50 cm)	