Shepley
Description of Individual Soil Auger Borings

Updated: 15/09/2025 Survey Date: 18/08/2025 Assessor: CP, PM

FCD= 213 MDWheat = 68 MDPots = 49

BORE NO.	OS GRID REF	LAND USE	DEPTH (cm)	TEXTURE	Soil Colour	MOTTLES		Stones				DEPTH TO GLEYING (cm)	DEPTH TO SPL (cm)	WETNESS CLASS	ALC	ALC limitation	SOIL TYPE	Erosion Risk	COMMENTS
					Munsell	Musell	Ab.	Total	>2cm	>6cm	Type								
1	419755, 409763	STB	21	hcl	10YR 4/2			15-35	10-15	5-10	hdst, sst	none	none	I	3b	DEPTH & STONE CONTENT	Shallow soils	Low	2 small pits dug in this area. Large sandstones from 22cm in both. Impenetrable below, soil profiles not possible. Stone and depth limited.
			22	sst				35-50	35-50	35+	sst								
2	419687, 409700	STB	29	hcl	10YR 4/2	mn	r	15-35	10-15	10-20	sst	none	none	I	3b	STONE CONTENT	Shallow soils	Low	Impenetrable to handheld tools at 30cm. Appreciable sands in topsoil from weathered sandstone.
			30	sst				50+	35-50	20-35	sst								
3	419787, 409700	STB	28	hcl	10YR 3/3			1-2	1-2	1-2	sst	28	35	IV	3b	WETNESS	Heavy	Low	Bottom of slight slope. Pockets of sand from weathered sandstone in subsoil. Impenetrable at 80cm.
			80	hcl	10YR 6/4	o, mn, pg	ab	<1	<1	<1	sst								
4	419610, 409655	STB	25	hcl	10YR 3/3			15-35	10-15	5-10	sst	22	none	I	3b	WETNESS	Shallow soils	Low	High sandstone content, yellow and red sandstone. Top of slight 3 degree slope. Auger boring moved 4 times, impenetrable below topsoil/subsoil boundary, compact and high stone content.
			27	hcl	10YR 8/6	o, mn	cm	35-50	35-50	20-35	sst								
5	419687, 409600	STB	26	hzcl	10YR 4/2	mn	r	3-5	3-5	1-2	hdst, sst	24	35	IV	3b	WETNESS	Heavy	Low	Bottom of slope in field. Approx 7 degree. Check clay percent in psd. Black lower subsoil, possible coal staining. Silty pockets in lower subsoil.
			35	hzcl	5YR 5/8	o, mn, pg	cm	<1	<1	<1	hdst								
			84	c	10YR 7/1	o, mn, pg	ab	<1	<1	<1	hdst								
			120	hcl	10YR 2/1			<1	<1	<1	hdst								
6	419787, 409600	STB	20	hzcl	10YR 4/3	mn	r	5-10	3-5	3-5	sst, hdst, pottery	20	35	IV	3b	WETNESS	Heavy	Low	Auger boring moved to grid reference 19777 09595 due to wheelings and field boundary. Top of slope 5 to 7 degree. Common large stones.
			45	hzcl	10YR 5/8	o, mn, pg	ab	1-2	1-2	1-2	sst								
			120	zc	2.5YR 7/2	o, fw mn	ab	<1	<1	<1	sst								
7	419704, 409804	STB	32	hcl	10YR 3/3			5-10	3-5	1-2	brick, slate, buikding rub	32	35	IV	3b	WETNESS	Disturbed	Low	Pockets of black coal type material in lower subsoil. Area where topsoil and building rubble have been deposited.
			50	hcl	10YR 4/2	mn, o	ab	<1	<1	<1	brick, slate, buikding rub								
			120	c	10YR 4/2	mn, o, g	ab	<1	<1	<1	brick, slate, buikding rub								