

SITE NAME Brixton South		PROFILE NO. Pit 1 (ASP 57)	SLOPE AND ASPECT 3° E	LAND USE PGR	Av Rainfall: 1142 mm ATO: 1564 day °C FC Days: 223 Climatic Grade: 1 Exposure Grade: 1	PARENT MATERIAL Slate head
JOB NO. 97.98		DATE 23.12.98	GRID REFERENCE SX 5509 5152	DESCRIBED BY PB		PSD SAMPLES TAKEN TS 0-25 cm: HCL (S35:Z31:C34%)

Horizon No.	Lowest Av. Depth (cm)	Texture	Matrix (Ped Face) Colours	Stoniness: Size, Type, and Field Method	Mottling Abundance, Contrast, Size and Colour	Mangan Concs	Structure: Ped Development Size and Shape	Consistence	Structural Condition	Pores (Fissures)	Roots: Abundance and Size	Calcium Carbonate Content	Horizon Boundary: Distinctness and form
1	18	HCL	10YR43	5%HR (vis)	0	0	-	-	-	-	MF,VF	-	Clear Smooth
2	50	HCL	7.5YR46	15%HR (vis)	0	0	MDFSAB	FR	G	G	CVF	-	Clear Smooth
3	64	C	10YR64,74	20%HR,ZR (vis)	CDFO 10YR66	0	WKCSAB	FM	P	G	CVF	-	Clear Wavy
4	80+	C	10YR73,74	20%ZR, HR (vis)	MDFO 10YR56	M	M	FM	P	P	FVF	-	

Profile Gleyed From: 50 cm	Available Water	Wheat: 133 mm	Final ALC Grade: 3b
Slowly Permeable Horizon From: 64 cm		Potatoes: 111 mm	Main Limiting Factor(s): We
Wetness Class: III	Moisture Deficit	Wheat: 90 mm	
Wetness Grade: 3b		Potatoes: 80 mm	
	Moisture Balance	Wheat: +43 mm	Remarks:
		Potatoes: +51 mm	
	Droughtiness Grade: 1	(Calculated to 120 cm)	

SITE NAME Brixton South		PROFILE NO. Pit 2 (Asp 28)	SLOPE AND ASPECT 3° W	LAND USE PGR	Av Rainfall: 1142 mm ATO: 1564 day °C	PARENT MATERIAL Slate	
JOB NO. 97.98		DATE 23.12.98	GRID REFERENCE SX 5464 5180	DESCRIBED BY PB	FC Days: 223 Climatic Grade: 1 Exposure Grade: 1	PSD SAMPLES TAKEN TS 0-25 cm: HCL (S45:Z26:C29%)	

Horizon No.	Lowest Av. Depth (cm)	Texture	Matrix (Ped Face) Colours	Stoniness: Size, Type, and Field Method	Mottling Abundance, Contrast, Size and Colour	Mangan Concs	Structure: Ped Development Size and Shape	Consistence	Structural Condition	Pores (Fissures)	Roots: Abundance and Size	Calcium Carbonate Content	Horizon Boundary: Distinctness and form
1	20	HCL	10YR43	1% > 2 cm (s) 13% < 2 cm (s+d) 14% HR, ZR	0	0	-	-	-	-	MF, VF	-	Clear Smooth
2	33 (32-35)	HCL	10YR44	2% > 2 cm(s) 13% < 2 cm (s+d) 15% ZR	0	0	MDMGR	FR	G	G	CVF	-	Sharp Wavy
3	34+	HCL	10YR63	90% ZR (vis)	0	0	-	-	-	G	0	-	

Profile Gleyed From: -	Available Water	Wheat:	85 mm	Final ALC Grade: 3a
Slowly Permeable Horizon From: -		Potatoes:	86 mm	
Wetness Class: I	Moisture Deficit	Wheat:	90 mm	Main Limiting Factor(s): Wk, Dr
Wetness Grade: 3a		Potatoes:	80 mm	
	Moisture Balance	Wheat:	-5 mm	Remarks:
		Potatoes:	+6 mm	
	Droughtiness Grade: 3a		(Calculated to 80 cm)	