

Site	Context number	Thin section sample	Coarse mineral material (< 10 μm)													Coarse organic material				Fine organic material				Pedofeatures						Microstructure	Coarse material arrangement	Groundmass fabric	Related distribution			
			Quartz	Feldspar	Biotite	Mica	Garnet	Hornblende	Olivine	Compound quartz	Sandstone	Siltstone	Metamorphics	Phyloliths	Bone	Rubified mineral	Fine mineral material	Fungal spores	Lignified tissue	Parenchymatic tissue	Charcoal	Cell residue	Amorphous (black)	Amorphous (brown)	Amorphous (yellow-orange)	Amorphous (inclusions)	Organic coatings	Clay infills	Silt infills					Amorphous crypto-crystalline	Depletion	Excremental (mamillate)
Tombleck: Trench 15	15044	1a	***	*	**	*					*				Brown organo-mineral heterogeneous													*					Intergrain micro aggregate	Random Moderately sorted	Mosaic speckled	Euhalic
		1b	**	*	*	*					*		*		Brown organo-mineral heterogeneous	*	*	*		**	*					**	**	**	**	**	**	Intergrain micro aggregate to granular	Random Poorly sorted	Mosaic speckled	Porphyric	
		2a	**				*								Dark brown/black organo-mineral, heterogeneous			**		**						*	*	*	*	*	Intergrain micro aggregate	Random Poorly sorted	Mosaic speckled	Porphyric		
		2b	**	*	*	*					*				Light brown mineral, occasional brown organo-mineral heterogeneous		*			*				*		*	*	*	*	*	Compact grain	Random Poorly sorted	Mosaic speckled to isotropic	Porphyric		

Frequency class refers to the appropriate area of section (Bullock et al., 1985): t Trace * Very few ** Few *** Frequent/Common **** Dominant/Very dominant

Frequency class for textural pedofeatures (Bullock et al., 1985): t Trace * Rare ** Occasional *** Many