

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	Diatoms	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)
Hillside: Treck 16a	16112 group	12a	***	*	*	**			t						t	Light/mid brown organo-mineral, heterogeneous	t	t	t		t	*				t	*							Intergrain microaggregate	Random Poorly sorted	Mosaic speckled	Porphyric
		12b	***	*	**	*	t		t						t	Mid brown organo-mineral heterogeneous				t	t	t	*			*	*							Intergrain microaggregate	Random Poorly sorted	Mosaic speckled	Porphyric
		12c	**	t	*	t			*			t	*			*	Dominantly organic orange-brown, heterogeneous	*				t	**	*										Close crumb	Random Poorly sorted	Mosaic speckled Occasional granostriation	Porphyric
		12d	***	*	*	*	*	*	*			*	*				Light to mid brown organo-mineral, heterogeneous	t	*			t	*	t		*	*		*						Intergrain microaggregate	Random Poorly sorted	Stipple-speckled
	16112 group	22a	***	t	t	*	*	t	*		*				t	Light to mid brown organo-mineral, heterogeneous	t	t			t				*	**	**		*					Intergrain microaggregate	Random Poorly sorted	Mosaic to cross-striated	Porphyric
		22b	***		t	*	**	t	*		*	t	t			Mid brown to grey organo-mineral, heterogeneous	t		t		t			*	t	*		*						Intergrain microaggregate	Random Poorly sorted	Stipple-speckled	Porphyric
		22c	***		t	*	*		*		*					Mid orange/brown organo-mineral, heterogeneous	*				t				t	t	*		*					Intergrain microaggregate	Random Poorly sorted	Stipple-speckled	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