



UNIT	HORIZON	LITHOLOGY	MATRIX TEXTURE	COARSE FRACTION		MATRIX COLOR	ORGANIC MATERIAL	STRUCTURES	
				Pebbles	Cobbles			Depositional and/or Soil Structures	Tectonic Deformation
7aO	O	Plant remains	(Forest litter)			10YR2/2 (10YR2/1)	None	None	None
7bA	A	Sandy silt to silty sand	Silt loam to loam	<1%		10YR4/3 (10YR2/2)	Roots – 2-3, f, sv-h; 3, vf, sv-h	Soil structure – 2, m, sbk	None
7cBC	BC	Sandy silt to silty	Silt loam to loam	2-5%		10YR4/3 (7.5YR2.5/2)	Roots – 1-2, vf-f, sv-h	Soil structure – 2, m, sbk	None
7dC	C	Cobbly pebbly sand	Sand	30-40%	<2%	10R5/4	Roots – 1, f, sv	Massive	Cut by F4
6b	--	Sandy silt to silty sand	Silt loam to loam	<2%		10YR5/4	Roots – 1, f, h	Soil structure – 1-2, vf-f, sbk	None
6a	--	Pebbly silty sand	Silt loam to loam	~15%		2.5Y5/4	Roots – 1, co, h; 2-3, vf-f, h	Soil structure – 1-2, vf-f, sbk	None
5	--	Pebbly sand	Sand	15-25%		2.5Y5/4	Roots – 1, co, h; 1, m, h; 3, vf-f, sv	Soil structure – 1-2, m, sbk	Possibly rotated by movement on F1 and F2
4aAb	Ab	Pebbly sandy silt	Silt loam to loam	<1%		10YR5/4 (10YR3/4)	Roots – 1-2, vf-f, sv-h	Soil structure – 2-3, vf-m, sbk	Cut by F1 and possibly folded by F1
4bBCb	BCb	Pebbly sandy silt	Silt loam to loam	~2%		10YR5/4 (10YR3/4)	Roots – 1, f-m, h	Soil structure – 1-2, vf-m, gr-sbk	Cut by F1 and possibly folded by F1
3a	--	Cobbly pebbly sand	Sand	20-30%	~1%	2.5Y5/3	Roots – 1-2, vf-f, sv	Massive	Cut by F1 and possibly folded by F1
3b	--	Fine to coarse sand	Sand	<1%		2.5Y5/3	Roots – 1, f-m, h	Planar, graded bedding	Cut by F1 and possibly folded by F1
3c	--	Pebbly sand	Sand	~15-20%		10YR5/4	Roots – 1-2, f-vf, sh-v	Massive	Cut by F1 and possibly folded by F1
2aAb	Ab	Sandy silt	Silt loam to loam	5-10%		10YR4/3 (10YR3/2)	Roots – 1, f, sh	Soil structure – 3, m-f, sbk	Cut and folded by movement on F1
2bBCb	BCb	Pebbly sand	Loamy sand	~20%		10YR5/3	Roots – 1, f, sv	None	Cut and folded by movement on F1
1B	--	Cobbly pebbly sand	Sand	30-40%	<2%	2.5Y5/3	Roots – 1, f, sv	Massive	Stratally disrupted and cut by F1 – F5
1Ae	--	Cobbly sand	Sand (v. fine to coarse)	30-40%	~10%	2.5Y6/4	Roots – 1, f, sv-v	Imbrication of pebbles and cobbles in places	Cut by F3 and F4
1Ad	--	Pebbly sand	Sand (fine to coarse)	60-70%		2.5Y5/3	Roots – 1, co, sv;	Low angle cross beds or planar beds	Folded and faulted. Steeply dipping to north (25°-35°), cut by F1, F3, and F5
1Ac	--	Cobbly pebbly sand	Sand	30-40%	<2%	2.5Y4/3	Roots – 1, f-m, sh	Massive	Cut by movement on F1, F4, and F5
1Ab	--	Pebbly coarse sand	Sand	30-40%		10YR4/3	None	Low angle cross beds or planar beds	Stratally disrupted and displaced by faulting along F1, F3, F4, and F5
1Aa	--	Coarse sand with granules, pebbles	Sand	<1%		2.5Y4/3	None	Massive	None

Figure 12