

Appendix 2 (Pebble Lithologies)

Location (bag #)	Site description	tot peb	local	ig	met	other ss/seds	ls	unc	% Local	% ls	Comments
	<u>Post-Glacial Sediments</u>										
	<u>Pro-glacial Lake and related Sediments</u>										
25	ridge above till S of 30' dam	94	59	0	6	25	8	2	63	9	both local and exotic mostly sub rnd, sily cemented, granules mostly ang qtz
29	postglacial, above Van Natta's dam(delta?)	77	61	0	1	13	2	0	79	3	local clasts rnd to sub rnd, many tabular, exotic rnd, sub rnd
32	near top of post glacial(30'dam)	152	109	4	1	17	21		72	14	local mostly tabular, sub-rnd to sub-ang. Rest more equant-sub ang sub rnd-rnd
33	near top of post glacial(quarry)	132	100	2	0	11	16	3	76	12	local mostly tab, sub rnd, sub-ang, rest more equant, some ls sub-ang
48	gravel w/in quarry near Van Natta's dam	97	69	0	0	24	3	1	71	3	Most round, 1/2 local platy. Some exotic angular
82	50' in Clinton Apt well	162	103	0	2	24	33	0	64	20	Most rnd, sub-rnd, some broken (drilling?). fair # local platy
83	20' in Clinton Apt well	144	101	0	5	6	32	0	70	22	same as above
84	cap on plateau by 60' dam	123	109	0	0	12	2	0	89	2	local mostly platy, sub rnd-sub ang. Exotic not platy, sub rnd-sub ang. Ls w/chert(ls leached).
	<u>Supra-glacial Deposits</u>										
13	Besemer fan	103	90	0	0	3	7	3	87	8	Local pebbles ang to sub ang, mostly platy, otherss rnd, ls sub ang to sub rnd
14	Besemer fan	184	175	1	0	8	0	0	95	0	local pebbles angular to sub ang, exotic sub rnd
26	base gravel over till, blk forest	96	84	1	0	10	0	1	88	0	all sub rnd to sub ang. No difference local & exotic
	<u>Recent Stream Gravels</u>										
35	Present Sixmile, in front of house	355	322	2	6	19	6	0	91	2	
	<u>Late Wisconsin Glacial Deposits</u>										
	<u>Till and Moraine</u>										
28	Till in Trib, Coddington-Middaugh	71	44	1	0	4	18	4	62	25	many ls blocks, ls pebbles rnd, sub rnd, local sub ang
30	till above 30' dam	53	47	0	0	2	1	3	89	2	most subrnd to rnd and tabular, few angular
54	pebbles from till at big meander	110	63	2	0	17	28	0	57	25	local angular, exotic mostly round, few to angular, 1 chert
60	gravel wad in till in Beaver Brook	130	88	2	3	9	27	1	68	21	Local mostly ang, some rnd/brok; exotic more rnd, some broken
78	Landstrom pit, west; push moraine	139	58	2	0	7	72	0	42	52	Exotic round(few broken); local sub rnd to ang, more platy; some broken
79	Landstrom pit SW; top of moraine	134	69	0	0	15	50	0	51	37	Exotic round(few broken); local sub rnd to ang, more platy; some broken, fair no. broken
80	Lanstrom pit floor, prob mixed sample	109	47	1	0	13	48	0	44	44	Exotic rnd w/few fractured faces. Local less rnd(sub rnd-sub ang) quite a few ang/fract faces, lot platy

Location (bag #)	Site description	tot peb	local	ig	met	other ss/seds	ls	unc	% Local	% ls	Comments
81	Robinson pit, Inlet valley, S of Spencver L	119	42	0	4	10	63	0	35	53	Almost all rnd, local platy, few broken; 1/2 ls dark, 1/2 light dolo marl
90	Till in Wildflower Garden	76		0	0	8	30	0	50	39	Some very rnd, some very ang; both local and exotic. half "ls" is dolomite
91	Till in Ringwood Preserve	116	105	0	0	7	0	4	91	0	Most ang, few to sub-rnd. Unc prob local also
92	Kame terrace above White Church Rd	106	100	0	0	5	0	1	94	0	local mostly ang, few sub ang to rnd. Exotic rnd and ang
93	Kame on White Church Rd, near W. channel	151	116	0	3	31	1	0	77	1	Odd group. Red shale; chert, strange ss. Some very ang
94	Moss Ck Moraine (Midline rd cut)	133	120	0	0	8	1	4	90	1	Local mostly platy, ang; few more rnd but broken, Exotic more rnd but still fairly ang
83	short ridge w/in kettle kame terrain	151	123	1	1	8	14	4	81	9	Local rnd to ang. many platy; exotic rnd to ang, some striated, esp ls
87	Esker at Ringwood	110	108	0	0	2	0	0	98	0	Local from very ang to rnd, lot of fractured surfaces. Exotic rnd
16	foresets in Brkdle quarry	110	84	2	2	9	13	0	76	12	both local and exotic pebbles sub ang to sub rnd. Local only mod tabular
17	beds above till in quarry	150	123	0	3	8	11	5	82	7	local more tabular and ang than exotic (most sub rnd). Local sub ang/ang
22	ridge behind Evie's house	102	82	0	0	14	0	6	80	0	local very tab, sub ang, others ss sub rnd-rnd, uncert all other sed (clay, chert)
49	gravel in RR cut above trestle, Bkdale	125	93	1	1	9	20	1	74	16	both local and exotic variable from rnd to ang.
50	gravel in ck along VanDeMark Rd	91	61	2	0	7	21	0	67	23	rnding bimodal, part rnd, part w/ang breaks,
51	Stop 2, Creek along Vandemark Rd	106	87	0	3	11	3	2	82	3	local sub ang±, exotic rnd, sub rnd
52	near top, Creek along Vandemark Rd	118	69	0	0	15	28	6	58+	24	local platy, sub-rnd + broken, exotic range from rnd to ang (broken)
53	midsection, Vandemark Ck	103	65	0	5	8	25	0	63	24	local platy, either sub rnd or broken, rest mostly rnd, sub rnd (few broken)
61	glaciofluvial, USG N pit	150	93	1	0	18	35	3	62	23	almost all sub rnd, few local ang, ls rnd
	<u>Inter-till Fluvial, upper Sixmile</u>										
24	fluvial below terrace, upper sixmile	59	55	0	0	4	0	0	94	0	sub rnd to sub ang. some freshly broken
34	fluvial betwee tills near junction pool	97	88	1	2	5	0	1	91	0	local mostly tab, sub rnd, few broken, others more equant, sub ang-sub rnd
36	float from top, glaciofluv, spur ck	145	130	0	1	12	2	0	90	1	
37	top, glaciofluvial, Spur Ck	122	115	0	1	4	2	0	94	2	local mostly very tabular, some ang frags, exotic more equant-all rnd, sub rnd
39	intertill gravel, near Moesch house	120	100	0	0	11	9	0	83	8	sub rnd-sub ang, local not typical (from N?) local both tab and equant
	<u>Outwash</u>										
62	upper outwash, Whetzel pit, 2012 (10')	154	124	0	0	9	21	0	81	14	most local platy, sub rnd/sub ang. exotic more equant, sub ang to rnd
63	upper outwash, Whetzel pit, 2012 (10')	135	96	1	0	11	24	3	71	18	same as above

