Table 3. Point count results for metasandstone samples in the Goldenville and Halifax groups, southwestern Nova Scotia.

WESTERN AREA

Formation/ Member	Strat Order	Sample #	Qm	Qp	Pl	Kfs	Lv	Ls	Lm	Lt	Ms	Cal	Opq	Tm	Tur	Zrn	Total	% Mx	% Qt	% F	% Lvs	% Qm	% F	% Lt	% Qp	% Lv	% Ls
Halifax Group																											
Bear River Formation	54	BC-026	300		183					129							612	21	62	38	0	62	38	0	0	0	0
Bear River Formation	53	BC-A12-009	196		102					206							504	41	66	34	0	66	34	0	0	0	0
Bear River Formation	52	ED79-001E	292		126					72	7	22					507	14	70	30	0	70	30	0	0	0	0
Bear River Formation	51	ED79-066	247		180					96	24		3				550	17	58	42	0	58	42	0	0	0	0
Bear River Formation	50	ED79-071	324		122					52	5						699	11	73	27	0	73	27	0	0	0	0
Bear River Formation	49	ED79-370	301		101					159							561	28	75	25	0	75	25	0	0	0	0
Acadia Brook Formation	48	B01-99-089	290	14	95	5			14	14	121	4			6		535	23	76	24	0	72	24	4	100	0	0
Acadia Brook Formation	47	A12-W06-140	356		64					135							529	25	85	15	0	85	15	0	0	0	0
Acadia Brook Formation	46	A12-W06-141	328	12	112				8	8	65						517	13	75	25	0	73	25	2	100	0	0
Acadia Brook Formation	45	A12-W05-009B	511		162						103						776	13	76	24	0	76	24	0	0	0	0
Goldenville Group																											
Bloomfield Formation	44	O12-W06-139A	389		320						234						943	25	55	45	0	55	45	0	0	0	0
Bloomfield Formation	43	O16-R105-021	289	5	221			5	5	200	28						753	28	57	43	0	56	43	0	0	0	0
Bloomfield Formation	42	O16-R105-010	301		201					101							669	15	53	47	0	53	47	0	0	0	0
Church Point Formation	41	A12-W06-138	310	29	157	146		2	29	31	213	24	3		10		894	24	53	47	0	48	47	5	94	0	6
Church Point Formation	40	O16-R105-007	328	19	752				18	18	63	12					1210	6	69	31	0	69	31	0	100	0	0
Church Point Formation	39	O16-R105-011	212	25	171	6			25	25	91						505	18	57	43	0	51	43	6	100	0	0
Church Point Formation	38	S-009	246		146					121		25					538	22	63	37	0	63	37	0	0	0	0
High Head Member	37	L-A-90	294	83	160	5			83	83	60	6	30	5	2	2	612	22	65	35	0	62	36	2	100	0	0
High Head Member	36	O16-R105-016B	299	51	201				51	51	65	2	1	1	1	1	653	13	64	36	0	54	36	9	100	0	0
High Head Member	35	O16-R105-018A	345	61	210	8			61	61	67	28	5	1	1	1	726	9	65	35	0	55	35	10	100	0	0
Church Point Formation	34	A12-W06-136	311	53	174	10			51	51	108	12	29				777	26	68	32	0	57	34	9	81	0	19
Church Point Formation	33	A04-99-173	351	51	144	31	9		51	60	9	6		3			604	1	69	30	2	60	30	10	85	15	0
Church Point Formation	32	N94-002A	411		251						87	12	9				758	12	67	33	0	64	36	0	0	0	0
Church Point Formation	31	NP01-001	354		207						81	12	3				657	12	63	37	0	63	37	0	0	0	0
Church Point Formation	30	O16-R105-013	364	10	201				10	10	56						631	9	65	35	0	63	35	2	100	0	0
Church Point Formation	29	O16-R105-004	256	8	204				8	8	91	7					566	16	54	46	0	55	44	2	100	0	0
Church Point Formation	28	O16-W00-287	361	2	86				2	2	51				1		501	10	81	19	0	80	19	0	100	0	0
Church Point Formation	27	O16-R105-014	289	13	222		2	13	15	15	139						654	21	64	36	0	62	36	2	87	0	13
Church Point Formation	26	O16-W00-290	402	18	108				18	18	99						663	15	80	20	0	76	20	3	100	0	0
Church Point Formation	25	O16-W00-294	354	15	228				15	15	78		27				705	11	69	31	0	59	38	3	100	0	0
Church Point Formation	24	A05-R105-020	304	254	30	22			20	3	296						655	45	91	9	0	85	15	1	100	0	0
Church Point Formation	23	A05-R105-019B	254	4	204	10			4	4	302						774	39	55	45	0	54	45	1	100	0	0
Church Point Formation	22	B01-99-086	357	15	129	3			15	15	146		18	2		3	708	26	74	26	0	71	26	3	100	0	0
Church Point Formation	21	B01-99-073	426		123					57	81	3					690	12	78	22	0	70	20	9	0	0	0
Church Point Formation	20	B01-99-073	356	52	176	8	12	52	64	88	52	4	29				792	26	67	33	0	61	27	12	81	0	19
Church Point Formation	19	B08-99-349	282	18	186	9		18	18	129	3	42	6				675	19	61	39	0	57	39	4	100	0	0
Church Point Formation	18	B08-99-345	204	201	78	3	9	201	210	9	3	6					672	21	45	55	0	41	16	42	96	0	4
Church Point Formation	17	B08-99-344	339		126					123	6	18					612	20	73	27	0	73	27	0	0	0	0
Church Point Formation	16	B08-RJH010C	83	35	42	6		35	41	38	2	30					236	16	71	25	4	50	25	25	85	15	0
Church Point Formation	15	B08-RJH010B	312	93	135	6		93	99	240	24	150					825	13	54	23	1	57	25	18	94	6	0
Church Point Formation	14	B08-RJH010A	291	99	108	6	24	21	99	144	78	12	78	6			723	11	71	21	8	53	21	26	69	17	15
Church Point Formation	13	B08-RJH010A-HB	321	21	153			135	21	156	9	6	15	6			708	15	67	33	0	63	33	4	100	0	0
Church Point Formation	12	B08-RJH010-1A-HA	450	36	237			12	36	48	87	9	27	9			867	10	66	32	2	61	32	7	75	0	25
Church Point Formation	11	A05-R105-007	400	102	102				10	10	24	14					838	20	80	20	0	64	34	2	100	0	0
Church Point Formation	10	B08-99-346B	303	75	102	9			75	75	120		3				612	20	77	23	0	62	23	15	100	0	0
Church Point Formation	9	B08-99-227	609	33	261	6			33	33	120		15				1041	11	71	29	0	67	29	4	100	0	0
Church Point Formation	8	B08-99-041	228	101		2			101	101	72		9	3			499	23	69	31	0	69	31	0	100	0	0
Church Point Formation	7	A05-R105-008	251	31	91	5			31	31	138						516	27	75	25	0	66	25	8	100	0	0
Church Point Formation	6	A05-R105-007	400	32	164	10	4	4	24	28	108						722	20	76	24	0	72	24	3	13	0	87
Church Point Formation	5	A05-99-342	312	33	159	9			33	33	108	3	12				636	17	67	33	0	61	33	6	100	0	0
Church Point Formation	4	B01-W00-307	606		222					124							952	13	73	27	0	73	27	0	0	0	0
Church Point Formation	3	O16-R105-018A	434	62	202				62	62	152						850	18	71	29	0	62	29	9	100	0	0
Church Point Formation	2	B01-W00-306	334		176					60							570	11	65	35	0	65	35	0	0	0	0
Church Point Formation	1	LA-06-089	378	42	108	2			42	42	95			1		1	671	15	79	21	0	71	21	8	100	0	0

SOUTHERN AREA

Halifax Group																											
Cunard Formation	228	P12-W02-110	424		14					246							684	36	97	3	0	97	3	0	0	0	0
Cunard Formation	227	A07-W06-056-B	356		75					300							731	41	83	17	0	83	17	0	0	0	0
Cunard Formation	226	A07-W06-157-B	285	4	70			4	4	165							524	31	81	19	0	79	19	1	100	0	0
Cunard Formation	225	A010078	357		70					210			49				686	31	84	16	0	84	16	0	0	0	0
Cunard Formation	224	A02-W05-001-A	482		62					104							648	16	89	11	0	89	11	0	0	0	0
Cunard Formation	223	A02-W05-001-A	530	40	96	6		40	40	204							876	20	81	19	0	76	19	5	100	0	0
Cunard Formation	222	A02-W05-015-A	492	74	120	4		74	74	170							860	20	82	18	0	71	18	11	100	0	0
Cunard Formation	221	A02-W05-015-B	240		26					294							660	60	90	10	0	90	10	0	0	0	0
Cunard Formation	220	A02-W05-025-A	361	5	32			5	5	251							649	39	93	7	0	91	7	1	100	0	0
Cunard Formation	219	A02-W05-034	450		22					462							934	49	95	5	0	95	5	0	0	0	0
Cunard Formation	218	A02-W05-047-A	300	43	113			43	43	107	2		2				567	19	75	25	0	66	25	9	100	0	0
Cunard Formation	217	DR83-293	400		140					212							752	28	74	26	0	74	26	0	0	0	0
Cunard Formation	216	DR83-296	513		96					132			6				747	18	84	16	0	84	16	0	0	0	0
Cunard Formation	215	DR83-296	456		60					165							681	24	88	12	0	88	12	0	0	0	0
Cunard Formation	214	DR83-330	288		96					312							696	45	75	25	0	75	25	0	0	0	0
Cunard Formation	213	DR84-659	285		48					270							603	45	86	14	0	86	14	0	0	0	0
Cunard Formation	212	DR84-660	297		63					279							639	44	83	18	0	83	18	0	0	0	0
Cunard Formation	211	DR84-670	345		45					315							705	45	88	12	0	88	12	0	0	0	0
Cunard Formation	210	DR84-689	360		60					294							714	41	86	14	0	86	14	0	0	0	0
Cunard Formation	209	DR84-690	324		27					252							603	42	92	8	0	92	8	0	0	0	0
Cunard Formation	208	DR84-709	300		30					270							600	45	91	9	0	91	9	0	0	0	0
Cunard Formation	207	DR84-728	513		186					213							912	23	73	27	0	73	27	0	0	0	0
Cunard Formation	206	DR84-765	525		63					243							831	29	89	11	0	89	11	0	0	0	0
Cunard Formation	205	P12-W02-025	378		18					372							768	48	95	5	0	95	5	0	0	0	0
Goldenville Group																											
Government Point Formation	204	A07-W06-068-B	411	7	157			7	7	25		3		1			604	4	73	27	0	71	27	1	100	0	0
Government Point Formation	203	DR83-258	428	94	8					140							670	21	81	19	0	81	19	0	0	0	0
Government Point Formation	202	DR83-365	210	183	2					240							635	34	53	47	0	53	47	0	0	0	0
Government Point Formation	201	A02-W04-105	222	12	5			9	9	135	12	135					630	21	65	35	0	64	34	3	100	0	0
Government Point Formation	200	DR84-583	210		122					182							514	35	63	37	0	63	37	0	0	0	0
Government Point Formation	199	DR84-584	522		70					192							784	24	88	12	0	88	12	0	0	0	0
Government Point Formation	198	DR84-516	282		64					162							508	32	82	18	0	82	18	0	0	0	0
Government Point Formation	197	DR83-308	516		96					244							856	29	84	16	0	84	16	0	0	0	0
Government Point Formation	196	DR83-343	492	8	80			8	8	286							786	26	86	14	0	85	14	1	100	0	0
Government Point Formation	195	A010077	192		52					249	6		26				520	48	79	21	0	79	21	0	0	0	0
Government Point Formation	194	A010078	244		62.4					208			5.2				520	40	80	20	0	80	20	0	0	0	0
Government Point Formation	193	A010079	208		104					208							520	40	80	20	0	80	20	0	0	0	0
Government Point Formation	192	P12-W02-116	398		54					172							624	28	88	12	0	88	12	0	0	0	0
Government Point Formation	191	DR83-227	522		80					270			4				876	31	87	13	0	87	13	0	0	0	0
Government Point Formation	190	DR83-188	528		78	2				308							916	34	87	13	0	87	13	0	0	0	0
Government Point Formation	189	A06-W06-041	594		216					162	3						975	17	73	27	0	73	27	0	0	0	0
Government Point Formation	188	A07-W06-161	381	20	211	10		20	20	156	3	3		2			725	11	64	36	0	60	37	3	100	0	0
Government Point Formation	187	A010078	260		109					140			16				525	27	70	30	0	70	30	0	0	0	0
Government Point Formation	186	LA-06-088	386	6	111			2	6	170	2	10	24				669	17	77	23	0	75	22	3	100	0	0
Government Point Formation	185	A010073	229		104					182							515	35	69	31	0	69	31	0	0	0	0
Government Point Formation	184	A010074	234		52					234							520	45	82	18	0	82	18	0	0	0	0
Government Point Formation	183	P11-W04-030-B	288		117					207							612	34	80	20	0	80	20	0	0	0	0
Government Point Formation	182	DR84-804	219		183	2				240							644	37	54	46	0	54	46	0	0	0	0
Government Point Formation	181	P10-W02-030-A1	296		444	444			444	444		4	2	4		4	926	31	39	61	0	33	49	19	100	0	0
Government Point Formation	180	C803-16	660	4	46			4	4	124							834	15	94	6	0	93	6	1	100	0	0
Government Point Formation	179	A03-W05-016-B	608		136					84	10	10					848	10	82	18	0	82	18	0	0	0	0
Government Point Formation	178	A02-W05-116-A	602		48					178		1					829	21	93	7	0	93	7	0	0	0	0
Government Point Formation	177	A10-W07-195	282		138					8	466						944	49	60	40	0	59	39	2	0	0	0
Government Point Formation	176	A010066	360		120					60	60						540	33	75	25	0	75	25	0	0	0	0
Government Point Formation	175	A010068	426		120					48							594	8	78	22	0	78	22	0	0	0	0
Government Point Formation	174	P11-W03-049D	456		108	1				87		3					655	19	81	19	0	81	19	0	0	0	0
Government Point Formation	173	DR83-416B	454	8	300			8	8	138							900	15	61	39	0	60	39	1	100	0	0
Government Point Formation	172	DR83-419	419	102	1					20							542	4	80	20	0	80	20	0	0	0	0
Government Point Formation	171	P12-W02-120	435	81	9					327							852	38	95	5	0	95	5	0	0	0	0
Government Point Formation	170	A010075	330		138					114			12				594	19	71	29	0	71	29	0	0	0	0
Government Point Formation	169	A010076	480		60					54			6				600	9	89	11	0	89	11	0	0	0	0
Government Point Formation	168	P15-R105-028A	352	21	121			21	21	141							635	22	76	24	0	71	24	4	100	0	0
Government Point Formation	167	DR83-410	336		108					184							628	29	76	24	0	76	24	0	0	0	0
Government Point Formation	166	P11-W03-069A	530		194					150		4					878	17	73	27	0	73	27	0	0	0	0
Government Point Formation	165	DR84-802	450		244					190							884	21	65	35	0	65	35	0	0	0	0
Government Point Formation	164	P10-W02-030-B1	160	200	84		28	200	228	432							904	48	55	45	6	34	18	48	88	12	0
Government Point Formation	163	P11-W04-030-B2	208	150	112		30	150	180	496							996	50	72	22	6	42	22	36	83	0	17
Government Point Formation	162	C803-216	616		36					162							814	20	96	4	0	96	4	0	0	0	0
Government Point Formation	161	DR83-278	506		114					248							868	29	82	18	0	82	18	0	0	0	0
Government Point Formation	160	DR83-236	308		42					453							803	56	88	12	0	88	12	0	0	0	0
Government Point Formation	159	C803-011	408		85					127							620	20	83	17	0	83	17	0	0	0	0
Government Point Formation	158	A02-W04-097	348	180						192			8		2		730	26	66	34	0	66	34	0	0	0	0
Government Point Formation	157	A03-W05-097	288	84						156					2		528	30	77	23	0	77	23	0	0	0	0
Government Point Formation	156	A03-W05-122-B	656		96					224			8	2	2	98	1088	23	87	13	0	87	13	0	0	0	0
Government Point Formation	155	P11-W03-117	418		54					356							828	43	89	11	0	89	11	0	0	0	0
Government Point Formation	154	C803-17	530		42					248							820	30	93	7	0	93	7	0	0	0	0
Government Point Formation	153	B00-99-013	516		80					213							809	26	87	13	0	87	13	0	0	0	0
Government Point Formation	152	NS-06-012	490	22	202	3		22	22	151			3				871	17	71	29	0	68	29	3	100	0	0
Government Point Formation	151	DR84-700	336		40					180			4				560	32	89	11	0	89	11	0	0	0	0
Government Point Formation	150	DR84-551	242		60					242							544	44	80	20	0	80	20	0	0	0	0
Government Point Formation	149	DR83-314	654		80					164			8				906	18	89	11	0	89	11	0	0	0	0
Government Point Formation	148	P11-W03-129	339	9	159			9	9	168		3					687	24	94	6	0	94	6	0	100	0	0
Government Point Formation	147	P11-W04-030-A2	288	400	72	8	40	400	444	4		4		4			820	0	85	10	5	35	10	55	91	0	9
Government Point Formation	146	P11-W03-067	282	104			12	12	12	98			9	18	1		506	19	72	28	0	72	25	3	100	0	0
Government Point Formation	145	P14-W03-071	564	63	15			63	63	30							672	4	98	2	0	88	2	10	100	0	0
Government Point Formation	144	P12-W02-121	351		90					273							714	38	80	20	0	80	20	0	0	0	0
Government Point Formation	143	P11-W03-070	555		81					39							690	6	85	15	0	85	15	0	0	0	0
Government Point Formation	142	P12-W02-099-B	396		102	8				136							642	21	78	22	0	78	22	0	0	0	0
Government Point Formation	141	P12-W02-098	333	138	27					204							702	29	67	33	0	67	33	0	0	0	0
Government Point Formation	140	P12-W02-097	414	92	12					400							918	44	80	20	0	80	20	0	0	0	0
Government Point Formation	139	P12-W02-040B	438	102	30					159							729	22	77	23	0	77	23	0	0	0	0
Government Point Formation	138	P15-R105-025A	556	190						62							814	8	74	26	0	74	26	0	0	0	0
Government Point Formation	137	P15-R105-024A	512	20	184			20	20	112							828	14	74	26	0	72	26	3	100	0	0
Green Harbour Formation	136	A06-W06-146	245	23	48	3		23	23	56	8						406	25	68	32	0	62	32	6	100	0	0
Green Harbour Formation	135	A06-W06-202	284	12	182	18		12	12	156	6	6	2	1			667	23	60	40	0	57	40	2	100	0	0
Green Harbour Formation	134	A06-W06-184	256	12	156	2		12	12	181	12		16				633	29	63	37	0	60	37	3	100	0	0
Green Harbour Formation	133	A06-W06-197	256	44	128	6		44	44	254	2		3		2		665	34	69	31	0	59	31	10	100	0	0
Green Harbour Formation	132	A06-W06-207	312	34	138	24		34	34	148	8		1	4			669	22	68	32	0	61	32	7	100	0	0
Green Harbour Formation	131	A06-W06-209	238	40	160	2		40	40	180	12	24	8				684	27	60	40	0	57	40	3	100	0	0
Green Harbour Formation	130	A010131	350		100					50							500	10	78	22	0	78	22	0	0	0	0
Green Harbour Formation	129	A010127	250		100					250			25				625	25	71	29	0	71	29	0	0	0	0
Lake Rossignol Member	128	A02-W04-107	502	8	228	4		8	8	180							922	20	69	31	0	68	31	1	100	0	0
Lake Rossignol Member	127	A02-W05-096-A	360	5	131	7		5	5	120	8						631	19	73	27	0	72	27	1	100	0	0
Lake Rossignol Member	126	A02-W05-153-A	312		80					270	12						674	40	77	23	0	77	23	0	0	0	0
Lake Rossignol Member	125	A02-W05-165-A	600	32	186	12		32	32	80	16		4		2		932	9	76	24	0	72	24	4	100	0	0
Lake Rossignol Member	124	A02-W05-185	472	22	120			22	22	120							734	16	80	20	0	77	20	4	100	0	0
Lake Rossignol Member