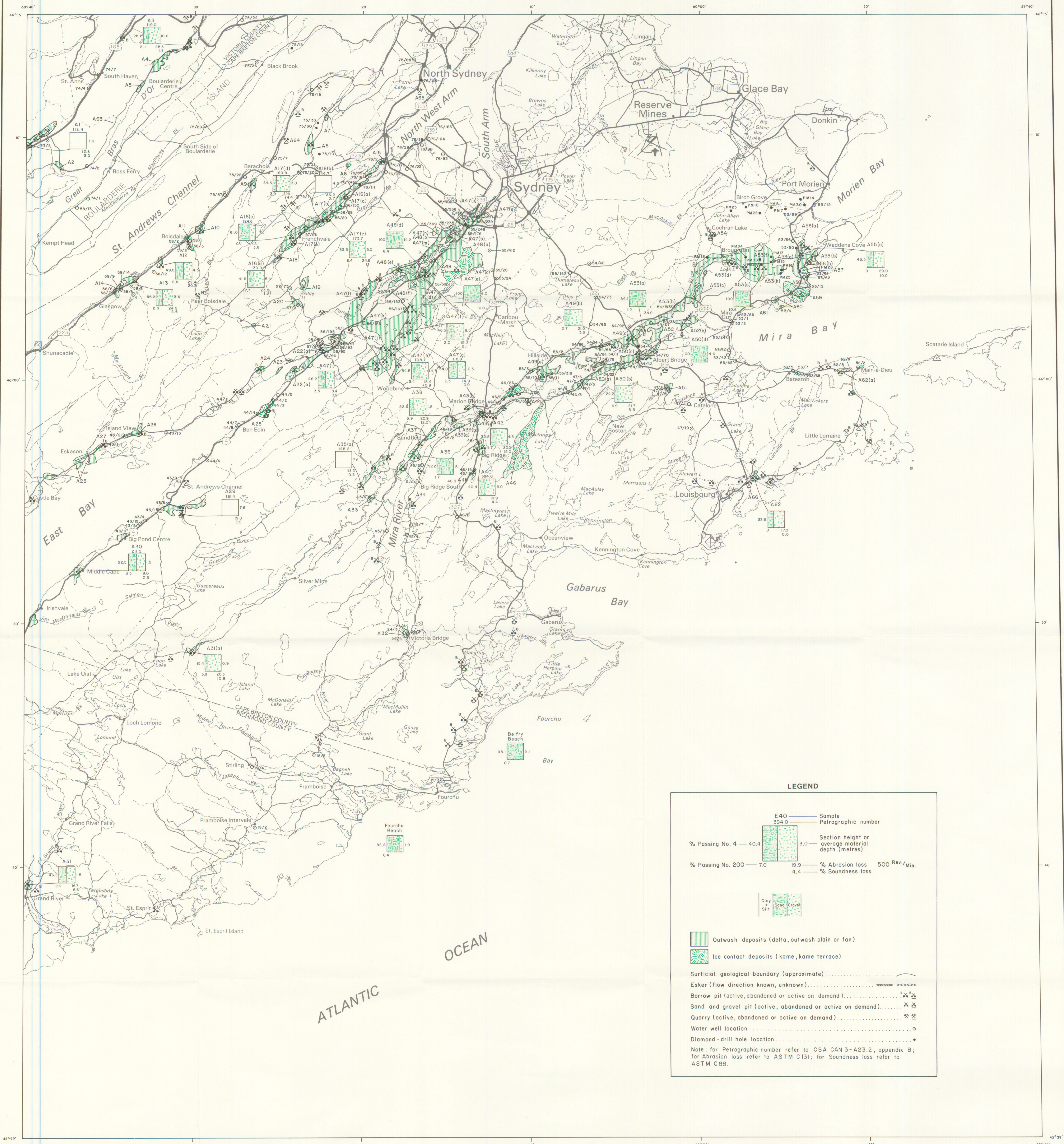


Selected Water Well and Diamond-Drill Holes

Water Well & Diamond-Drill Holes	Well Depth(ft)	Water Depth(ft)	Log (surface to bedrock only)
182	56	20	0-15 gr, fcl; 15-20 sd, gr; 20-40 gy, blids
184	12	8	0-42 cl, blids
185	100	20	0-60 cl; 60-100 ss
191	80	20	0-80 ss
193	340	30	0-45 gr, cl
242	101	6	0-95 sd, gr
243	160	20	0-40 gr, fcl
244	153	40	0-40 sd, gr
245	80	23	0-37 gr, cl
431	170	5	0-10 gr, rk
432	81	20	0-18 sd, gr
434	87	20	0-8 mud; 5-15 gr, cl; 15-30 gr; 30-45 hp
435	44	6	0-29 fcl
436	100	16	0-29 fcl
439	112	30	0-60 fcl; 60-85 hp
4311	86	30	0-42 fcl
4312	88	6	0-20 cl
4313	105	20	0-82 gr, cl
4315	129	40	0-82 gr, cl
442	40	20	0-40 gr, cl
443	60	19	0-28 gr, cl
445	120	10	0-23 sd, gr
446	65	30	0-25 gr, cl
447	173	35	0-72 gr, cl
448	160	38	0-46 cl
4411	90	55	0-40 mud, blids, fcl; 40-80 sd; 80-90 gr
4414	82	2	0-72 gr, cl
451	77	63	0-3 ob; 2-18 fill
452	140	40	0-10 cl
453	216	10	0-41 gr
454	270	10	0-23 sd, gr
456	105	30	0-32 sd, gr
457	200	15	0-7 fill
462	124	30	0-34 sd, gr
463	196	20	0-18 sd, gr
464	80	39	0-80 gr; 80-80 gy, blids
465	109	30	0-40 gr, cl, blids
466	140	40	0-30 ob
467	37	10	0-37 gr, fcl
468	34	12	0-15 gr, blids
469	140	40	0-12 cl
4618	40	20	0-28 gr, blids
4619	91	20	0-12 gr, cl
4628	54	14	0-31 cl, blids
471	150	20	0-80 sd, gr; 59-100 sd, gyp
472	150	20	0-47 sd, gr
473	50	12	0-40 gr, cl, blids
474	75	60	0-75 gr, blids
475	424	202	0-21 gr, cl
476	225	50	0-14 cl
477	454	202	0-21 gr, cl
478	225	50	0-14 cl
479	218	75	0-20 gr, blids
4710	165	6	0-10 gr, blids
4711	205	1	0-37 gr, cl
532	150	40	0-15 sd, gr, cl
525	330	-	0-14 gr
526	125	-	0-18 sd, gr
531	110	30	0-33 gr, cl
532	56	16	0-34 gr, blids
534	55	60	0-8 mud; 5-10 hp; 10-30 sd, blids; 30-35 hp, gr; 35-60 gr, blids
535	73	18	0-6 mud
537	91	17	0-1 gr, blids
5312	27	0	0-27 gr, cl, blids
5315	60	10	0-19 gr, cl
5324	0	0	0-20 gr, cl
5390	479	45	0-4 ob
5399	110	12	0-11 blids
5395	185	16	0-24 gr
5396	109	12	0-11 blids
5398	44	16	0-14 gr, cl
5383	140	26	0-20 gr
5385	300	40	0-45 cl; 5-8, sd, rk; 9-12; 12-17 sd, rk
5386	303	30	0-17 sd, gr
5389	77	1	0-20 cl
5411	100	-	0-60 cl, silt; 60-100 sd, gr
5414	65	17	0-45 gr, cl
5422	20	50	0-25 sd; 2-47 sd, gr; 47-50 gr
5427	50	5	0-5 cl
5428	50	10	0-28 gr, ss
5430	91	40	0-67 gr, blids
5431	120	41	0-101 ss
5432	306	10	0-40 gr; 40-300 cl
5442	122	-	0-49 sd, gr; 49-83 cl; 83-70 sd, gr; 70-73 ob; 73-112 sd, gr, cl
5443	122	-	73-112 sd, gr, cl
5465	80	25	0-8 gr
5468	514	5	0-47 sd, gr
5470	32	20	0-32 gr, cl
5473	105	25	0-38 cl, sh
5478	37	-	0-37 sd, gr
5481	60	-	0-42 gr
5482	60	30	0-5 cl
5483	10	10	0-31 sd, gr
5485	105	10	0-5 fill; 5-17 sd
5492	63	7	0-15 ob, fill; 18-19 gr; 19-20 sd
5494	50	7	0-15 ob, fill; 18-19 gr; 19-20 sd
552	80	30	0-25 fcl
553	100	27	0-85 gr, sandy cl
5510	136	30	0-119 sd, gr, cl
5511	125	122	0-111 sandy cl
5512	85	35	0-14 cl
5520	46	4	0-22 loose ss
5524	80	10	0-21 gr, cl
55191	34	10	0-34 sd, gr
55170	18	18	0-48 gr, cl
55175	118	18	0-17 cl
55183	300	30	0-17 cl
55235	265	50	0-58 sd, gr, cl
55236	60	54	0-18 gr, cl
55239	276	16	0-30 gr, cl; 30-90 ss, cl; 90-240 gy, blids
55248	45	2	0-24 gr
55252	38	38	0-30 sd, gr, cl; 30-38 gr
55316	15	15	0-46 gr, cl
55329	123	2	0-46 gr, cl
55412	51	2	0-18 ob, fill; 18-19 gr; 19-20 sd
561	60	15	0-30 mud, sd, blids; 30-55 ss; 55-60 gr
5626	131	45	0-3 mud; 3-30 cl, blids; 30-68 hp
5629	58	6	0-48 gr, blids
5654	12	6	0-28 gr, cl
5691	54	4	0-31 gr, cl
5693	75	30	0-37 sd, cl, blids
5695	131	20	0-126 sd, gr, cl
5696	159	45	0-72 fcl
56100	149	22	0-37 gr
56150	200	35	0-200 gr, cl, sh
56153	145	23	0-20 gr, cl
56156	46	6	0-5 mud; 5-15 gr; 15-25 cl, blids; 25-46 hp
56187	100	10	0-23 gr, cl
56195	156	56	0-152 sandy fill; 152-156 gr
572	120	80	0-40 gr, cl
574	72	15	0-44 fcl
5765	100	20	0-64 gr
5773	83	6	0-12 hp
581	120	24	0-23 gr
582	72	12	0-28 gr
583	100	12	0-13 gr, blids
585	67	0	0-11 blids
586	83	0	0-27 gr, cl
587	76	20	0-27 gr, cl
588	86	6	0-28 gr, cl
589	110	25	0-27 gr, cl
5811	120	40	0-35 gr, cl
5812	100	40	0-35 gr, cl
5813	45	18	0-18 sd
5814	35	20	0-10 cl
732	50	-	0-30 gr, cl
741	130	18	0-36 sd, gr; 30-130 ss, gr
742	280	260	0-18 ss, gr
744	40	40	0-40 sd, gr, gyp
747	110	12	0-48 gr, cl
751	175	30	0-14 gr
757	223	100	0-10 cl
*7590	500	-	0-85 cl, blids
*7515	50	-	0-26 ob
7518	100	-	0-12 gr, fcl
7520	300	52	0-77 gr, fcl
7521	300	-	0-107 gr, cl, blids
7522	80	24	0-5 cl
7523	110	80	0-20 ob
7526	88	30	0-14 sd, gr
7528	283	100	0-20 cl
*7530	603	-	0-80 ob
*7533	232	-	0-104 ob
7537	208	35	0-37 sd, gr
762	71	15	0-5 mud; 5-15 mud, sh
7618	84	20	0-5 ob; 5-22 cl
7620	90	20	0-44 gr, cl
7623	60	10	0-38 gr, cl
7624	65	0	0-32 cl
7626	105	42	0-80 gr, cl; 80-100 cl, blids; 100-155 cl, sh
7629	52	10	0-26 gr, cl
7638	45	2	0-27 loose ss
7658	45	2	0-8 loose ss
7683	50	26	0-40 gr, cl
7685	140	80	0-30 cl
*76111	154	14	0-107 ss
*76115	20	14	0-17 ss, gr, blids
76164	125	19	0-16 cl
76165	145	22	0-37 cl
76175	50	10	0-4 fill; 5-21 cl
**PM-7	163	-	0-10 sd, gr
**PM-8	273	-	0-15 sd, gr
**PM-10	247	-	0-15 sd, gr
**PM-13	247	-	0-33 sd, gr
**PM-14	290	-	0-7 sd, gr
**PM-15	173	-	0-22 sd, gr
**PM-16	203	-	0-24 sd, gr
**PM-18	135	-	0-13 sd, gr
**PM-22	379	-	0-48 sd, gr
**PM-23	482	-	0-85 sd, gr
**PM-25	677	-	0-27 sd, gr
**PM-26A	896	-	0-100 sd, gr
**PM-28	1442	-	0-37 sd, gr
**PM-30	1620	-	0-12 sd, gr
**PM-34	1908	-	0-31 sd, gr
**PM-38	2306	-	0-60 sd, gr



**LEGEND**

Sample Petrographic number  
E40 394.0

Section height or average material depth (metres)  
3.0

% Passing No. 4 — 40.4  
% Passing No. 200 — 7.0  
% Abrasion loss 500 Rev./Min. 19.9  
% Soundness loss 4.4

Clay Silt Sand Gravel

Outwash deposits (delta, outwash plain or fan)  
Ice contact deposits (kame, kame terrace)

Surficial geological boundary (approximate) .....  
Esker (flow direction known, unknown) .....  
Borrow pit (active, abandoned or active on demand) .....  
Sand and gravel pit (active, abandoned or active on demand) .....  
Quarry (active, abandoned or active on demand) .....  
Water well location .....  
Diamond-drill hole location .....

Note: for Petrographic number refer to CSA CAN 3-A23.2, appendix B; for Abrasion loss refer to ASTM C131; for Soundness loss refer to ASTM C88.

sd - sand, gr - gravel, cl - clay, fcl - fine clay, ob - overburden, blids - boulders, rk - rock, hp - hardpan, sh - shale, ss - sandstone, gyp - gypsum

\* Diamond-drill holes

\*\* Diamond-drill holes provided by the Nova Scotia Department of Mines and Energy Coal Inventor 1978-1979.

NOTE: Water well and diamond-drill hole information provided by the Nova Scotia Department of Environment, Water Planning and Management Division, Water Resources Planning Section.

Surficial geology after Beecher (1978); Fowler and Dickie (1976); Grant (1976); Cam and MacDougall and Norman (1955).

Joint project Nova Scotia Department of Mines and Energy and Canada Department of Regional Economic Expansion.

