



Soil Logs
NOTE: All elevations referenced to 100.0 BENCH at front top step
Profile
(cut to bench)

Depth (Feet)	Typical Soil	Moisture (%)	Specific Gravity	Soil Description
0-24	FI	22	2.65	FI
24-32	A	10	2.65	Loam
32-34	B	10	2.65	Loam
34-36	C	10	2.65	Loam
36-42	CI	10	2.65	Clay
42-48	CM	10	2.65	Clay
48-54	CS	10	2.65	Clay
54-60	CU	10	2.65	Clay
60-66	CU	10	2.65	Clay
66-72	CU	10	2.65	Clay
72-78	CU	10	2.65	Clay
78-84	CU	10	2.65	Clay
84-90	CU	10	2.65	Clay
90-96	CU	10	2.65	Clay
96-102	CU	10	2.65	Clay
102-108	CU	10	2.65	Clay
108-114	CU	10	2.65	Clay
114-120	CU	10	2.65	Clay
120-126	CU	10	2.65	Clay
126-132	CU	10	2.65	Clay
132-138	CU	10	2.65	Clay
138-144	CU	10	2.65	Clay
144-150	CU	10	2.65	Clay
150-156	CU	10	2.65	Clay
156-162	CU	10	2.65	Clay
162-168	CU	10	2.65	Clay
168-174	CU	10	2.65	Clay
174-180	CU	10	2.65	Clay
180-186	CU	10	2.65	Clay
186-192	CU	10	2.65	Clay
192-198	CU	10	2.65	Clay
198-204	CU	10	2.65	Clay
204-210	CU	10	2.65	Clay
210-216	CU	10	2.65	Clay
216-222	CU	10	2.65	Clay
222-228	CU	10	2.65	Clay
228-234	CU	10	2.65	Clay
234-240	CU	10	2.65	Clay
240-246	CU	10	2.65	Clay
246-252	CU	10	2.65	Clay
252-258	CU	10	2.65	Clay
258-264	CU	10	2.65	Clay
264-270	CU	10	2.65	Clay
270-276	CU	10	2.65	Clay
276-282	CU	10	2.65	Clay
282-288	CU	10	2.65	Clay
288-294	CU	10	2.65	Clay
294-300	CU	10	2.65	Clay
300-306	CU	10	2.65	Clay
306-312	CU	10	2.65	Clay
312-318	CU	10	2.65	Clay
318-324	CU	10	2.65	Clay
324-330	CU	10	2.65	Clay
330-336	CU	10	2.65	Clay
336-342	CU	10	2.65	Clay
342-348	CU	10	2.65	Clay
348-354	CU	10	2.65	Clay
354-360	CU	10	2.65	Clay
360-366	CU	10	2.65	Clay
366-372	CU	10	2.65	Clay
372-378	CU	10	2.65	Clay
378-384	CU	10	2.65	Clay
384-390	CU	10	2.65	Clay
390-396	CU	10	2.65	Clay
396-402	CU	10	2.65	Clay
402-408	CU	10	2.65	Clay
408-414	CU	10	2.65	Clay
414-420	CU	10	2.65	Clay
420-426	CU	10	2.65	Clay
426-432	CU	10	2.65	Clay
432-438	CU	10	2.65	Clay
438-444	CU	10	2.65	Clay
444-450	CU	10	2.65	Clay
450-456	CU	10	2.65	Clay
456-462	CU	10	2.65	Clay
462-468	CU	10	2.65	Clay
468-474	CU	10	2.65	Clay
474-480	CU	10	2.65	Clay
480-486	CU	10	2.65	Clay
486-492	CU	10	2.65	Clay
492-498	CU	10	2.65	Clay
498-504	CU	10	2.65	Clay
504-510	CU	10	2.65	Clay
510-516	CU	10	2.65	Clay
516-522	CU	10	2.65	Clay
522-528	CU	10	2.65	Clay
528-534	CU	10	2.65	Clay
534-540	CU	10	2.65	Clay
540-546	CU	10	2.65	Clay
546-552	CU	10	2.65	Clay
552-558	CU	10	2.65	Clay
558-564	CU	10	2.65	Clay
564-570	CU	10	2.65	Clay
570-576	CU	10	2.65	Clay
576-582	CU	10	2.65	Clay
582-588	CU	10	2.65	Clay
588-594	CU	10	2.65	Clay
594-600	CU	10	2.65	Clay
600-606	CU	10	2.65	Clay
606-612	CU	10	2.65	Clay
612-618	CU	10	2.65	Clay
618-624	CU	10	2.65	Clay
624-630	CU	10	2.65	Clay
630-636	CU	10	2.65	Clay
636-642	CU	10	2.65	Clay
642-648	CU	10	2.65	Clay
648-654	CU	10	2.65	Clay
654-660	CU	10	2.65	Clay
660-666	CU	10	2.65	Clay
666-672	CU	10	2.65	Clay
672-678	CU	10	2.65	Clay
678-684	CU	10	2.65	Clay
684-690	CU	10	2.65	Clay
690-696	CU	10	2.65	Clay
696-702	CU	10	2.65	Clay
702-708	CU	10	2.65	Clay
708-714	CU	10	2.65	Clay
714-720	CU	10	2.65	Clay
720-726	CU	10	2.65	Clay
726-732	CU	10	2.65	Clay
732-738	CU	10	2.65	Clay
738-744	CU	10	2.65	Clay
744-750	CU	10	2.65	Clay
750-756	CU	10	2.65	Clay
756-762	CU	10	2.65	Clay
762-768	CU	10	2.65	Clay
768-774	CU	10	2.65	Clay
774-780	CU	10	2.65	Clay
780-786	CU	10	2.65	Clay
786-792	CU	10	2.65	Clay
792-798	CU	10	2.65	Clay
798-804	CU	10	2.65	Clay
804-810	CU	10	2.65	Clay
810-816	CU	10	2.65	Clay
816-822	CU	10	2.65	Clay
822-828	CU	10	2.65	Clay
828-834	CU	10	2.65	Clay
834-840	CU	10	2.65	Clay
840-846	CU	10	2.65	Clay
846-852	CU	10	2.65	Clay
852-858	CU	10	2.65	Clay
858-864	CU	10	2.65	Clay
864-870	CU	10	2.65	Clay
870-876	CU	10	2.65	Clay
876-882	CU	10	2.65	Clay
882-888	CU	10	2.65	Clay
888-894	CU	10	2.65	Clay
894-900	CU	10	2.65	Clay
900-906	CU	10	2.65	Clay
906-912	CU	10	2.65	Clay
912-918	CU	10	2.65	Clay
918-924	CU	10	2.65	Clay
924-930	CU	10	2.65	Clay
930-936	CU	10	2.65	Clay
936-942	CU	10	2.65	Clay
942-948	CU	10	2.65	Clay
948-954	CU	10	2.65	Clay
954-960	CU	10	2.65	Clay
960-966	CU	10	2.65	Clay
966-972	CU	10	2.65	Clay
972-978	CU	10	2.65	Clay
978-984	CU	10	2.65	Clay
984-990	CU	10	2.65	Clay
990-996	CU	10	2.65	Clay
996-1002	CU	10	2.65	Clay

Notes:

- On January 15, 1998 soil tests were made, on them here, by M. McSherry, a Massachusetts Department of Health, with M. McSherry, a GEI proposed Soil Contractor, observing for the Board of Health, on #1 and #2 on this plan.
- All stone to be washed free of iron, fines, and dirt to be P.V.C. Schedule 40, laid true to line and grade. All stone to be placed in a 12" wide trench, with cast iron covers and frames, set to grade, on all instances.
- The existing SAS is to be abandoned and the trench authority jurisdiction of.
- It is the responsibility of the bidders tender to submit the site engineer of the location of all houses existing prior to construction of the system.
- No part of the proposed system shall be buried greater than 3' below the surface of the ground.
- All work to conform to these plans, Title 5 of the Environmental Code (310 CMR 15.00 et. seq.) and supplementary regulations of the Hingham Board of Health, as necessary, with a pipe slope minimum of 0.01.
- All suitable material below benchtop elevation of 94.4 is to be removed and replaced with suitable material to one as follows (Covered):
 1. Not more than 25% is retained on #4 sieve.
 2. For the material which passes the #4 sieve, the following limits apply:
 #100 sieve 0 - 20% passing
 #200 sieve 0 - 5% passing
 #425 sieve 0 - 5% passing
 #600 sieve 0 - 5% passing
 #840 sieve 0 - 5% passing
 #1060 sieve 0 - 5% passing
 #1490 sieve 0 - 5% passing
 #2000 sieve 0 - 5% passing
 #2800 sieve 0 - 5% passing
 #3750 sieve 0 - 5% passing
 #4750 sieve 0 - 5% passing
 #6000 sieve 0 - 5% passing
 #7500 sieve 0 - 5% passing
 #9500 sieve 0 - 5% passing
 #12500 sieve 0 - 5% passing
 #16000 sieve 0 - 5% passing
 #20000 sieve 0 - 5% passing
 #25000 sieve 0 - 5% passing
 #31500 sieve 0 - 5% passing
 #39600 sieve 0 - 5% passing
 #49500 sieve 0 - 5% passing
 #61500 sieve 0 - 5% passing
 #75000 sieve 0 - 5% passing
 #90000 sieve 0 - 5% passing
 #106500 sieve 0 - 5% passing
 #124500 sieve 0 - 5% passing
 #144000 sieve 0 - 5% passing
 #165000 sieve 0 - 5% passing
 #187500 sieve 0 - 5% passing
 #225000 sieve 0 - 5% passing
 #270000 sieve 0 - 5% passing
 #315000 sieve 0 - 5% passing
 #375000 sieve 0 - 5% passing
 #450000 sieve 0 - 5% passing
 #540000 sieve 0 - 5% passing
 #645000 sieve 0 - 5% passing
 #765000 sieve 0 - 5% passing
 #900000 sieve 0 - 5% passing
 #1050000 sieve 0 - 5% passing
 #1215000 sieve 0 - 5% passing
 #1402500 sieve 0 - 5% passing
 #1612500 sieve 0 - 5% passing
 #1845000 sieve 0 - 5% passing
 #2100000 sieve 0 - 5% passing
 #2475000 sieve 0 - 5% passing
 #2880000 sieve 0 - 5% passing
 #3420000 sieve 0 - 5% passing
 #4095000 sieve 0 - 5% passing
 #4912500 sieve 0 - 5% passing
 #5895000 sieve 0 - 5% passing
 #7057500 sieve 0 - 5% passing
 #8407500 sieve 0 - 5% passing
 #9967500 sieve 0 - 5% passing
 #11745000 sieve 0 - 5% passing
 #13852500 sieve 0 - 5% passing
 #16263750 sieve 0 - 5% passing
 #19012500 sieve 0 - 5% passing
 #22113750 sieve 0 - 5% passing
 #26557500 sieve 0 - 5% passing
 #31413750 sieve 0 - 5% passing
 #37691250 sieve 0 - 5% passing
 #44411250 sieve 0 - 5% passing
 #52691250 sieve 0 - 5% passing
 #62471250 sieve 0 - 5% passing
 #73891250 sieve 0 - 5% passing
 #86991250 sieve 0 - 5% passing
 #10181250 sieve 0 - 5% passing
 #118591250 sieve 0 - 5% passing
 #138291250 sieve 0 - 5% passing
 #160291250 sieve 0 - 5% passing
 #184791250 sieve 0 - 5% passing
 #212091250 sieve 0 - 5% passing
 #242291250 sieve 0 - 5% passing
 #275291250 sieve 0 - 5% passing
 #311091250 sieve 0 - 5% passing
 #349691250 sieve 0 - 5% passing
 #391091250 sieve 0 - 5% passing
 #435291250 sieve 0 - 5% passing
 #483091250 sieve 0 - 5% passing
 #534091250 sieve 0 - 5% passing
 #587891250 sieve 0 - 5% passing
 #645691250 sieve 0 - 5% passing
 #707491250 sieve 0 - 5% passing
 #772891250 sieve 0 - 5% passing
 #841891250 sieve 0 - 5% passing
 #914491250 sieve 0 - 5% passing
 #989691250 sieve 0 - 5% passing
 #1068491250 sieve 0 - 5% passing
 #1150891250 sieve 0 - 5% passing
 #1235891250 sieve 0 - 5% passing
 #1317491250 sieve 0 - 5% passing
 #1402691250 sieve 0 - 5% passing
 #1491691250 sieve 0 - 5% passing
 #1584691250 sieve 0 - 5% passing
 #1680