

ANALYTICAL DATA FROM SAMPLES OF SURFICIAL DEPOSITS
HAMPDEN QUADRANGLE, MASSACHUSETTS-CONNECTICUT
BY
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SIEVE ANALYSES OF REPRESENTATIVE 2-5 POUND SAMPLES
(Collected by Roger B. Colton and Michael J. Mallory in 1968)

Sample no.	Location	Geologic unit or landform	Percentage by weight					
			Material	Clay	Silt	Sand	Granules	Pebbles and larger
H1	300' N. of 42° N.; 700' W. of Turnpike Rd.	ice contact stratified drift	pebbly sand	0	1	85	5	9
H2	800' E. of Turnpike Rd.; 2000' N. of 42°	ice contact stratified drift	pebbly sand	0	2	61	16	21
H3	3300' S. of No. Somers; 2700' E. of Rt. 83; 1600' W. of Turnpike Rd.	ice contact stratified drift	pebbly sand	0	1	38	25	36
H4	600' W. of Rt. 83; 2100' N. of Durkee Rd.	outwash sand and gravel	pebbly sand	0	8	75	4	13
H5	100' E. of Rt. 83; 2200' N. of No. Somers	kame deposit	sand	0	2	98	0	0
H6	300' S. of Woods Rd.; 600' W. of Rose Haven Rd.	ice contact stratified drift	pebbly sand	0	2	46	13	39
H6a	300' S. of Woods Rd.; 600' W. of Rose Haven Rd.	eolian mantle (loess)	silty sand	13	33	52	2	0
H7	400' W. of Root Rd.; 50' N. of Woods Rd.	kame terrace	gravel	0	3	29	8	60
H8	700' E. of Root Rd.; 200' S. of Stafford Rd.	kame terrace	gravelly sand	0	3	53	10	34
H9	No mechanical analysis		--	-	-	-	-	-
H10	1000' N. of Woods Rd.; 2800' E. of Rt. 83	ice contact stratified drift	pebbly sand	0	5	75	8	12
H11	1200' S. of Stafford Rd.; 1300' E. of Hampden Rd.	ice contact stratified drift	pebbly sand	0	2	70	11	17
H12	1200' E. of Rt. 83; 200' N. of Stafford Rd.	ice contact stratified drift	sand	0	0	89	7	4
H13	300' W. of Hampden Rd.; 200' N. of Mass.-Conn. State line.	ice contact stratified drift	pebbly sand	0	1	73	4	22
H14	2000' W. of Rt. 83; 700' SE. of Kibbe Grove Rd.	kame deposit	sand	0	1	99	0	0
H15	3400' S. of State line; 2000' W. of Watchaug Rd.	kame esker complex	pebbly sand	1	3	56	6	34
H16	just NW. of Watchaug Rd.; 3000' E. of Rt. 186	outwash deposit	silty sand	3	8	84	3	2
H17	1200' S. of State line; 3000' W. of Watchaug Rd.	outwash or ice contact stratified drift	pebbly sand	0	4	78	8	10
H18	800' NE. of Rt. 83; 800' N. of Stafford Rd.; 200' N. of State line	outwash	sand	0	1	85	7	7
H19	No mechanical analysis		--	-	-	-	-	-
H20	1200' N. of State line; 1400' W. of Somers Rd.	ice contact stratified drift	pebbly sand	1	4	58	8	29
H21	200' W. of Somers Rd.; 1500' N. of State line	ice contact stratified drift	sand	0	3	93	3	1
H22	150' W. of Somers Rd.; 2600' N. of State line	ice contact stratified drift	pebbly sand	0	2	63	18	17
H23	100' E. of Somers Rd.; 3200' S. of Mill Rd.	ice contact stratified drift	sand	0	2	88	4	6
H24	800' E. of Somers Rd.; 3900' N. of State line	ice contact stratified drift	pebbly sand	0	1	58	10	21
H25	4000' N. of State line; 1500' E. of Somers Rd.	kame terrace	silty sand	2	11	86	1	0
H26	1400' S. of Mill Rd.; 600' W. of Somers Rd.	ice contact stratified drift	gravel	1	4	42	2	51
H27	2200' W. of Somers Rd.; 300' N. of Mill Rd.	outwash	gravel	0	1	39	4	56
H28	600' E. of Carmody Rd.; just S. of Mill Rd.	pitted outwash	pebbly sand	0	1	78	5	16
H29	1600' E. of Stony Hill Rd.; 1100' NE. of Springfield Rd.	kame deposit	gravelly sand	0	2	61	4	33
H30	450' E. of town line; 900' SW. of Springfield Rd.	ice contact stratified drift	pebbly sand	0	4	77	3	16
H31	500' N. of town line; 1500' E. of Stony Hill Rd.	ice contact stratified drift	sand	0	6	86	4	4
H32	1200' S. of Soule Rd.; 200' E. of Stony Hill Rd.	ice contact stratified drift	pebbly sand	0	0	62	20	18
H33	500' N. of town line; 300' W. of So. Main St.	till	till	1	25	54	6	14
H34	1.1 mi. S. of Wilbraham town line; 600' W. of Wilbraham Rd.	kame terrace	pebbly sand	1	4	55	11	29
H35	1900' E. of Wilbraham Rd.; 300' N. of Main St.	kame terrace	silty sand	0	25	65	4	6
H36	1100' N. of Main St.; 1000' W. of North Rd.	till	pebbly sand	0	14	64	5	17
H37	just S. of Glendale Rd.; 800' W. of Cross Rd.; 500' N. of Scantic Rd.	kame terrace	sand	0	11	88	1	0
H38	4300' W. of 72°22'30"; 300' E. of Bennett Rd.; 2500' N. of Monson Rd.	kame terrace	sand	0	2	98	0	0
H39	100' E. of Glendale Rd.; 200' S. of Ames Rd.; 900' N. of Monson Rd.	esker or ice channel filling	pebbly sand	0	1	79	6	14
H40	200' W. of Thayer Rd.; 1600' N. of Bennett Rd.	ice contact stratified drift	sand	0	3	96	1	0
H41	1200' W. of Thayer Rd.; 300' N. of Bennett Rd.	esker or ice channel filling	pebbly sand	0	1	56	12	31
H42	400' W. of Glendale Rd.; 2800' N. of Monson Rd.	kame terrace	gravel	0	1	38	9	52
H43	900' S. of Monson Rd.; 100' W. of Hollow Rd.	ice contact stratified drift	gravel	0	3	47	14	36
H44	100' N. of intersection of Scantic Rd. and S. Monson Rd.	kame terrace	sand	0	3	92	2	3
H45	800' E. of Rocky Dundy Rd.; 600' SW. of Stafford Rd.	kame	sand	0	2	98	0	0
H46	2200' N. of 42° N.; 250' SE. of Mtn. Rd.	ice contact stratified drift	sand	0	1	95	4	0
H47	3000' E. of Root Rd.; 800' NW. of Mtn. Rd.	ice contact stratified drift	gravelly sand	0	4	54	8	34
H48	800' S. of State line; 100' SE. of Rocky Dundy Rd.	till	sandy till	0	17	49	5	29
H49	3300' SE. of Rocky Dundy Rd.; 2400' S. of State line	kame terrace	pebbly sand	0	2	81	6	11
H50	3300' SE. of Rocky Dundy Rd.; 2800' S. of State line	kame terrace	pebbly sand	0	1	84	6	9
H51	1100' N. of Mountain Rd.; 100' W. of Gilbert Rd.	ice contact stratified drift	pebbly sand	1	7	54	9	29
H52	2500' S. of E. end of Burleigh Rd.; 200' E. of North Rd.	kame terrace	sand	0	3	91	2	4
H53	300' E. of Cooley St.; 2600' NE. of Allen Rd.	outwash	sand	0	0	88	7	5
H54	1000' NE. of Rt. 83; 100' S. of Stafford Rd.	till (no pit report)	till	2	12	27	3	56
H55	1000' NW. of Watchaug Rd.; 600' E. of Hall Hill Rd.	till (no pit report)	till	14	21	42	4	19