Table H.--Engineering Index Properties

(Absence of an entry indicates that the data were not estimated.)

Map symbol and soil name	Depth	USDA texture	Classification: Unified	Classification: AASHTO	Fragments: >10 inches	Fragments: 3-10 inches	Percentage passing sieve number--: 4	10	40	200	Liquid limit	Plasticity index
	In				Pct	Pct					Pct	
Ad:												
Adrian, drained-	0-9	Muck----------	PT	A-8	0	0	---	---	---	---	---	---
	9-34	Muck----------	PT	A-8	0	0	---	---	---	---	---	---
	34-80	Sand, fine sand, gravelly loamy sand.	SP, SM	A-1, A-2, A-3	0	0	80-100	60-100	30-80	0-35	0-0	NP.
BaA:												
Blount----------	0-7	Silt loam--------	CL	A-4, A-6	0	0	95-100	95-100	90-100	80-95	25-40	8-20
	7-23	Clay loam, silty clay loam, silty clay.	CH, CL	A-6, A-7	0-1	0-5	95-100	90-100	80-90	75-85	35-60	15-35
	23-42	Clay loam, silty clay loam.	ML, CH, CL, MH	A-6, A-7	0-1	0-5	95-100	90-100	80-90	70-90	35-55	10-30
	42-80	Clay loam, silty clay loam.	CL	A-6, A-7	0-1	0-10	90-100	90-100	80-100	70-90	30-45	10-25
Br:												
Bourbon---------	0-9	Sandy loam-------	SC, SC-SM, SM	A-1, A-2-4, A-4	0	0	80-100	75-98	35-85	10-65	0-25	NP-10
	9-16	Sandy loam, loam.	CL, CL-ML, SC-SM, SM	A-2, A-4	0	0	85-100	75-98	55-90	25-60	10-40	NP-20
	16-41	Loamy sand, sand, .	SM, SP, SP-SM	A-2, A-3	0	0	85-100	75-98	55-85	0-25	0-0	NP.
	41-60	Stratified coarse sand to channery loamy sand.	SM, SP, SP-SM	A-1, A-2, A-3	0	0-3	65-100	65-100	15-70	0-20	0-0	NP.
BtA:												
Brems----------	0-9	Fine sand--------	SM, SP-SM	A-2-4, A-3	0	0	100	100	60-95	0-25	0-0	NP.
	9-60	Sand, fine sand, loamy sand.	SM, SP-SM	A-2-4, A-3	0	0	85-100	75-98	55-85	0-25	0-0	NP.
Cd:												
Cheektowaga-----	0-13	Fine sandy loam--	CL-ML, ML, SC-SM, SM	A-2, A-4	0	0	95-100	90-100	80-90	25-55	0-25	NP-10
	13-16	Loamy fine sand, fine sand, sand.	SM, SP-SM, SW-SM	A-2-4, A-3	0	0	100	98-100	75-95	0-25	0-0	NP.
	16-30	Loamy fine sand, fine sand, fine sandy loam.	SC-SM, SM, SP-SM, SW-SM	A-2-4, A-3, A-4	0	0	85-100	75-100	55-95	0-50	10-30	NP-10
	30-60	Silty clay, clay, silty clay loam.	CH, CL	A-6, A-7-6	0	0	98-100	90-100	85-95	70-85	30-55	10-30
ChB:												
Chelsea---------	0-7	Fine sand--------	SM, SP, SP-SM	A-2-4, A-3	0	0	100	100	75-95	0-25	0-0	NP.
	7-80	Fine sand, sand, loamy sand.	SM, SP, SP-SM	A-2-4, A-3	0	0	100	100	85-95	0-15	0-0	NP.
ChC:												
Chelsea---------	0-5	Fine sand--------	SP-SM, SM, SP	A-2-4, A-3	0	0	100	100	75-95	0-25	0-0	NP.
	5-37	Fine sand--------	SP-SM, SM, SP	A-2-4, A-3	0	0	100	100	75-95	0-25	0-0	NP.
	37-80	Fine sand, sand, loamy fine sand.	SP-SM, SP, SM	A-2-4, A-3	0	0	100	100	85-95	0-15	0-0	NP.
ChD:												
Chelsea---------	0-5	Fine sand--------	SP-SM, SM, SP	A-2-4, A-3	0	0	100	100	75-95	0-25	0-0	NP.
	5-37	Fine sand--------	SP-SM, SM, SP	A-2-4, A-3	0	0	100	100	75-95	0-25	0-0	NP.
	37-80	Fine sand, sand, loamy fine sand.	SP-SM, SP, SM	A-2-4, A-3	0	0	100	100	85-95	0-15	0-0	NP.
Ck:												
Cohoctah--------	0-18	Sandy loam-------	SC, SC-SM, SM	A-2-4, A-4	0	0	100	100	85-100	25-45	0-25	NP-10
	18-25	Loam, fine sandy loam, sandy loam.	SC, SC-SM, SM	A-2-4, A-4	0	0	100	100	85-100	25-80	10-40	NP-25
	25-60	Sand, loamy sand, silt loam.	SP, SP-SM, SM	A-2, A-3, A-2-4	0	0	85-100	75-98	35-85	0-25	0-0	NP.
CoA:												
Coupee----------	0-21	Silt loam--------	CL, ML	A-6, A-4	0	0	100	100	95-100	75-100	26-39	2-15
	21-33	Clay loam, loam--	CL, CL-ML	A-6, A-7	0	0	90-100	90-100	85-95	55-80	20-50	5-30
	33-52	Stratified loamy sand to sand to coarse sand.	SM, SP-SM	A-2-4, A-3	0	0-1	85-100	75-98	35-85	0-25	0-0	NP.
	52-98	Very channery coarse sand, fine sand, sand.	SW-SM, SW	A-1-a	0-2	0-5	45-100	25-98	10-85	0-15	0-0	NP.
CoB:												
Coupee----------	0-16	Silt loam--------	CL, CL-ML, ML	A-4, A-6	0	0	100	100	80-100	25-100	26-39	2-15
	16-37	Loam, clay loam, sandy loam.	CL, CL-ML, SC, SC-SM	A-2-4, A-6	0	0	85-100	75-100	55-90	25-75	10-60	NP-20

	37-45	Stratified loamy sand to sand.	SM, SP-SM	A-2-4, A-3, A-6	0	0-1	70-100	55-98	40-80	0-20	0-0	NP.
	45-60	Sand and gravel	SW, SW-SM	A-2-4	0-1	0-3	70-85	55-75	40-70	0-20	0-0	NP.
Du:												
Duneland	---	---	---	---	---	---	---	---	---	---	---	---
Ed:												
Edwards, drained	0-9	Muck	PT	A-8	0	0	---	---	---	---	---	---
	9-24	Muck	PT	A-8	0	0	---	---	---	---	---	---
	24-80	Marly material	ML	A-5	0	0	---	---	---	---	---	---
EsA:												
Elston	0-19	Loam	CL-ML, ML, CL	A-4, A-6	0	0	80-100	75-98	60-85	25-65	20-40	NP-20
	19-26	Sandy loam, loam, sandy clay loam.	CL-ML, ML, SC-SM, SM	A-4, A-6	0	0	85-100	75-100	55-95	25-55	10-60	NP-20
	26-48	Loamy sand, sandy loam.	SC-SM, SM, SP-SM	A-2-4, A-4	0	0-1	85-100	75-98	55-85	10-44	0-30	NP-10
	48-60	Sand, gravelly sand.	SP-SM, SM	A-2-4, A-3	0-1	0-3	90-100	85-98	55-80	0-15	0-0	NP.
EsB:												
Elston	0-19	Loam	CL-ML, ML, CL	A-4, A-6	0	0	80-100	75-98	60-85	25-65	20-40	NP-20
	19-26	Sandy loam, loam, sandy clay loam.	CL-ML, ML, SC-SM, SM	A-4, A-6	0	0	85-100	75-100	55-95	25-55	10-60	NP-20
	26-48	Loamy sand, sandy loam.	SC-SM, SM, SP-SM	A-2-4, A-4	0	0-1	85-100	75-98	55-85	10-44	0-30	NP-10
	48-60	Sand, gravelly sand.	SM, SP-SM	A-2-4, A-3	0-1	0-3	90-100	85-98	55-80	0-15	0-0	NP.
Fh:												
Fluvaquents	0-60	Stratified sand to loamy sand to sandy loam to loam to sandy clay loam.	SC-SM, SC, CL-ML, CL	A-4, A-2-4	0	0	100	100	85-100	30-100	10-40	NP-15
Gf:												
Gilford	0-14	Fine sandy loam	SC-SM, SM, SC	A-4	0	0	95-100	95-100	80-90	35-60	15-25	NP-10
	14-32	Sandy loam, fine sandy loam.	SC-SM, SC, SM	A-2-4	0	0	95-100	95-100	55-90	25-50	10-30	NP-10
	32-38	Loamy sand, sand, loamy fine sand.	SM, SP, SP-SM	A-2-4, A-3, A-1-b	0	0	95-100	95-100	40-95	0-25	0-0	NP.
	38-80	Sand, coarse sand, loamy sand.	SM, SP, SP-SM	A-2-4, A-3, A-1-b	0	0	85-100	85-100	35-85	0-25	0-0	NP.
HaA:												
Hanna	0-13	Sandy loam	SC, SC-SM	A-2-4, A-4	0	0	80-100	75-98	60-85	25-65	0-25	NP-10
	13-31	Loam, sandy loam, clay loam.	CL, CL-ML, SC, SC-SM	A-4, A-6	0	0	85-100	75-100	55-95	25-75	10-60	NP-20
	31-65	Sandy loam	SC, SC-SM, SM	A-2-4, A-4	0	0	85-100	75-98	55-85	0-40	10-30	NP-10
	65-80	Sand, loamy sand, gravelly sand.	SM, SP-SM	A-1-b, A-2-4, A-3	0	0-5	60-100	50-98	30-80	0-40	0-0	NP.
Hh:												
Histosols	0-60	Muck	PT	A-8	0	0	---	---	---	---	---	NP.
	60-80	Fine sand, sand	SM, SP-SM	A-2, A-3	0	0	100	100	50-90	5-30	---	NP.
Aquolls	0-60	Loam, fine sandy loam, sandy loam.	SC-SM, SC, CL-ML, CL	A-2-4, A-4	0	0	100	100	85-100	25-80	10-40	NP-25
Hk:												
Homer	0-10	Loam	CL, CL-ML	A-4	0	0	90-100	90-98	75-90	50-65	20-40	5-20
	10-22	Sandy clay loam, clay loam, loam.	SC, CL, CL-ML	A-4, A-6, A-7	0	0	85-100	85-100	60-95	40-75	20-60	5-30
	22-34	Fine sandy loam, gravelly sandy loam.	SC, SC-SM, SM	A-2-4, A-4	0	0-1	85-100	85-98	60-90	25-50	10-30	NP-10
	34-60	Stratified sand to loamy sand to gravelly coarse sand.	SC-SM, SP, SP-SM	A-2-4, A-3	0-1	1-5	85-100	85-98	55-85	0-25	0-0	NP.
Hm:												
Houghton, undrained	0-80	Muck	PT	A-8	0	0	---	---	---	---	---	---
Ho:												
Houghton, drained	0-9	Muck	PT	A-8	0	0	---	---	---	---	---	---
	9-80	Muck	PT	A-8	0	0	---	---	---	---	---	---
Md:												
Martisco, drained	0-12	Muck	PT	A-8	0	0	---	---	---	---	---	---
	12-80	Marly material	ML	A-5	0	0	---	---	---	---	---	---
Mm:												
Maumee	0-18	Loamy fine sand	SM, SP-SM	A-2-4, A-3	0	0	100	98-100	70-95	0-25	0-0	NP.
	18-60	Sand, loamy fine sand, fine sand.	SM, SP, SP-SM	A-1-b, A-2-4, A-3	0	0	85-100	75-100	35-90	0-15	0-0	NP.
Mn:												

Maumee variant--	0-12	Loamy sand-------	SM, SP-SM	A-2-4, A-3	0	0	100	100	70-90	0-25	0-0	NP.
	12-35	Sand----------	SM, SP-SM	A-2-4, A-3	0	0	100	100	70-90	0-15	0-0	NP.
	35-45	Sand----------	PT, SM, SP-SM	A-8, A-2-4	0	0	100	100	70-90	0-15	0-0	---
	45-60	Sand----------	SM, SP-SM	A-2-4, A-3	0	0	100	100	70-90	0-15	0-0	NP.
Mp:												
Milford---------	0-18	Silty clay loam--	CL, CL-ML	A-6, A-4	0	0	100	95-100	90-100	70-90	25-40	5-20
	18-50	Silty clay, silty clay loam, clay loam.	CH, CL	A-7	0	0	100	95-100	90-100	75-100	40-60	20-40
	50-60	Stratified silt loam to silty clay loam to silty clay.	CL, SC	A-7, A-6	0	0	95-100	95-100	90-100	45-100	25-50	10-30
MrB2:												
Morley----------	0-5	Silt loam--------	CL, CL-ML	A-4, A-6	0	0	100	100	90-100	75-90	25-40	5-15
	5-20	Silty clay loam, clay loam, silty clay.	CH, CL	A-7-6	0	0	98-100	95-100	85-100	75-90	40-60	15-35
	20-29	Clay loam, silty clay, silty clay loam.	CL, CH	A-6, A-7-6	0	0-1	98-100	95-100	85-100	70-90	30-60	10-35
	29-80	Clay loam, silty clay loam.	CL	A-6, A-7	0-1	0-3	95-100	95-100	85-95	70-85	25-45	10-25
MrC2:												
Morley----------	0-5	Silt loam--------	CL-ML, CL	A-4, A-6	0	0	100	100	90-100	75-90	25-40	5-15
	5-20	Silty clay loam, clay loam, silty clay.	CL, CH	A-7-6	0	0	98-100	95-100	85-100	75-90	40-60	15-35
	20-29	Clay loam, silty clay, silty clay loam.	CL, CH	A-6, A-7-6	0	0-1	98-100	95-100	85-100	70-90	30-60	10-35
	29-80	Clay loam, silty clay loam.	CL	A-6, A-7	0-1	0-3	95-100	95-100	85-95	70-85	25-45	10-25
MrD2:												
Morley----------	0-8	Silt loam--------	CL, CL-ML	A-4, A-6	0	0	90-100	85-98	80-95	60-85	25-40	5-15
	8-22	Silty clay, clay loam, clay.	CH, CL	A-6, A-7-6	0	0-1	98-100	95-100	85-95	70-85	30-60	10-35
	22-34	Silty clay loam, clay loam, silty clay.	CH, CL	A-6, A-7-6	0	0-1	98-100	95-100	85-95	70-85	30-60	10-35
	34-60	Silty clay loam, clay loam.	CL	A-6, A-7	0-1	0-3	98-100	95-100	85-95	70-85	25-45	10-25
Mx:												
Morocco---------	0-9	Loamy fine sand--	SM, SP-SM	A-2-4	0	0	100	98-100	75-95	0-25	0-0	NP.
	9-60	Fine sand, sand, loamy fine sand, loamy sand.	SP-SM, SM	A-2-4, A-3	0	0	100	98-100	70-95	0-25	0-0	NP.
	60-80	Fine sand, sand--	SP-SM, SM	A-2-4, A-3	0	0	100	98-100	70-95	0-25	0-0	NP.
Mz:												
Muskego, drained	0-9	Muck----------	PT	A-8	0	0	---	---	---	---	---	---
	9-27	Muck----------	PT	A-8	0	0	---	---	---	---	---	---
	27-80	Coprogenous material.	OL	A-5	0	0	95-100	95-100	85-100	75-96	40-50	2-8
Nf:												
Newton----------	0-15	Loamy fine sand--	SM, SP-SM	A-2-4, A-3	0	0	100	98-100	70-95	0-25	0-0	NP.
	15-60	Fine sand, sand, loamy fine sand.	SM, SP-SM	A-2-4, A-3	0	0	100	98-100	70-95	0-25	0-0	NP.
OaC:												
Oakville--------	0-14	Fine sand--------	SM, SP-SM	A-2-4, A-3	0	0	100	100	70-100	5-35	0-0	NP.
	14-39	Fine sand, loamy fine sand.	SP-SM, SM	A-2-4, A-3	0	0	100	100	70-100	5-35	0-0	NP.
	39-60	Sand, fine sand--	SP-SM, SM	A-2-4, A-3	0	0	100	100	70-95	5-35	0-0	NP.
OaE:												
Oakville--------	0-14	Fine sand--------	SP-SM, SM	A-2-4, A-3	0	0	100	100	70-100	5-35	0-0	NP.
	14-39	Fine sand, loamy fine sand.	SM, SP-SM	A-2-4, A-3	0	0	100	100	70-100	5-35	0-0	NP.
	39-60	Sand, fine sand--	SM, SP-SM	A-2, A-3, A-2-4	0	0	100	100	70-95	5-35	0-0	---
Pa:												
Palms----------	0-24	Muck----------	PT	A-8	0	0	---	---	---	---	0-0	---
	24-54	Clay loam, fine sandy loam, loam.	SC-SM, CL, CL-ML, SC	A-4, A-6	0	0	85-100	75-98	60-95	25-80	10-50	NP-30
	54-60	Fine sand, loamy fine sand, gravelly coarse sand, sand.	SM, SP, SP-SM	A-2-4, A-3	0	0-3	95-100	90-98	55-90	0-25	0-0	NP.
Pe:												
Pewamo----------	0-10	Silty clay loam--	CL	A-6, A-7	0	0	98-100	95-100	75-100	70-100	30-55	10-30
	10-39	Clay loam, silty clay, silty clay loam.	CH, CL	A-6, A-7-6	0	0-1	98-100	95-100	85-95	70-85	40-60	20-35
	39-60	Clay loam, silty clay loam.	CL	A-6, A-7	0	0-5	98-100	95-100	85-95	70-85	25-45	10-25

Ph:												
Pinhook---------	0-12	Loam----------	CL, CL-ML	A-4, A-6	0	0	90-100	90-98	75-90	50-70	20-40	5-20
	12-39	Sandy loam, loam.	CL, CL-ML, SC, SC-SM	A-2, A-4, A-6	0	0	80-100	75-98	60-85	25-65	10-40	NP-20
	39-60	Stratified gravelly sandy loam to sand.	SM, SP-SM, SW-SM	A-1, A-2-4, A-3	0	0-1	80-100	75-100	35-65	9-40	0-0	NP.
Qu:												
Quinn----------	0-7	Loam----------	CL, ML, CL-ML	A-4, A-6	0	0	95-100	90-100	85-95	55-70	15-40	NP-15
	7-47	Sandy loam, loam.	SC-SM, CL, ML, SC	A-4, A-6	0	0-1	85-100	75-98	55-90	25-60	10-40	2-14
	47-80	Loamy sand, sand.	SP, SM, SP-SM	A-2-4, A-3	0-1	0-5	70-100	55-98	55-70	0-20	0-0	NP.
RlA:												
Riddles---------	0-14	Loam----------	CL, CL-ML, ML	A-4	0	0	95-100	90-100	85-90	45-55	15-40	NP-15
	14-47	Sandy clay loam, loam, clay loam.	CL, CL-ML, SC	A-6	0	0-1	90-100	90-100	75-95	45-80	20-50	5-30
	47-60	Sandy loam, loam.	CL-ML, ML, SC-SM, SM, CL	A-4	0-1	0-3	90-100	85-98	65-90	40-70	15-30	NP-15
RlB2:												
Riddles---------	0-14	Loam----------	CL, CL-ML, ML	A-4	0	0	95-100	90-100	85-90	45-55	15-40	NP-15
	14-47	Sandy clay loam, loam, clay loam.	CL, CL-ML, SC	A-6	0	0-1	90-100	90-100	75-95	45-80	20-50	5-30
	47-60	Sandy loam, loam.	CL-ML, ML, SC-SM, SM, CL	A-4	0-1	0-3	90-100	85-98	65-90	40-70	15-30	NP-15
RlC2:												
Riddles---------	0-14	Loam----------	CL, CL-ML, ML	A-4	0	0	95-100	90-100	85-90	45-55	15-40	NP-15
	14-47	Sandy clay loam, loam, clay loam.	CL, CL-ML, SC	A-6	0	0-1	90-100	90-100	75-95	45-80	20-50	5-30
	47-60	Sandy loam, loam.	SC-SM, CL, CL-ML, SM, ML	A-4	0-1	0-3	90-100	85-98	65-90	40-70	15-30	NP-15
RlD2:												
Riddles---------	0-14	Loam----------	CL-ML, CL, ML	A-4	0	0	95-100	90-100	85-90	45-55	15-40	NP-15
	14-47	Sandy clay loam, loam, clay loam.	CL, CL-ML, SC	A-6	0	0-1	90-100	90-100	75-95	45-80	20-50	5-30
	47-60	Sandy loam, loam.	CL-ML, ML, SC-SM, SM, CL	A-4	0-1	0-3	90-100	85-98	65-90	40-70	15-30	NP-15
RlF:												
Riddles---------	0-14	Loam----------	CL, CL-ML, ML	A-4	0	0	95-100	90-100	85-90	45-55	15-40	NP-15
	14-47	Sandy clay loam, loam, clay loam.	CL, CL-ML, SC	A-6	0	0-1	90-100	90-100	75-95	45-80	20-50	5-30
	47-60	Sandy loam, loam.	CL-ML, ML, SC-SM, SM, CL	A-4	0-1	0-3	90-100	85-98	65-90	40-70	15-30	NP-15
Sa:												
Saugatuck-------	0-10	Loamy fine sand--	SM, SP-SM	A-2-4, A-3	0	0	100	98-100	85-95	0-25	0-0	NP.
	10-30	Sand----------	SP-SM, SM	A-2-4, A-3	0	0	100	98-100	85-95	0-25	0-0	NP.
	30-60	Sand----------	SP-SM, SP	A-2-4, A-3	0	0	100	98-100	85-95	0-25	0-0	NP.
Pipestone-------	0-9	Loamy fine sand--	SP-SM, SM	A-2-4, A-3	0	0	100	98-100	85-95	0-25	0-0	NP.
	9-32	Sand, fine sand--	SM, SP-SM	A-2-4, A-3	0	0	100	98-100	85-95	0-25	0-0	NP.
	32-60	Sand, fine sand--	SM, SP-SM	A-2-4, A-3	0	0	100	98-100	85-95	0-25	0-0	NP.
Sb:												
Sebewa----------	0-9	Loam----------	CL, CL-ML	A-4, A-6	0	0	90-100	85-100	65-95	50-75	20-40	5-20
	9-36	Sandy clay loam, loam, gravelly clay loam.	CL, CL-ML, SC	A-6, A-7	0	0	85-100	75-90	55-90	40-75	20-60	5-30
	36-60	Gravelly sand, very gravelly sand, sand.	SP-SM, SP	A-2-4	0	0-5	65-85	50-75	15-40	0-10	0-0	NP.
SeA:												
Selfridge-------	0-8	Loamy fine sand--	SM, SP-SM	A-2-4	0	0	95-100	90-100	85-95	10-25	0-0	NP.
	8-25	Sand, loamy sand, loamy fine sand.	SM, SP-SM	A-2-4, A-3	0	0-1	95-100	90-100	55-95	5-25	0-0	NP.
	25-29	Loam, sandy clay loam, sandy loam.	SC-SM, SC, ML, CL-ML, CL	A-4, A-6, A-2-6, A-2-4	0	0-1	90-100	85-100	50-95	25-60	17-40	NP-25
	29-32	Silty clay loam, loam, clay loam.	CL, CL-ML	A-6, A-4, A-7-6	0	0-1	90-100	85-100	80-100	55-95	20-50	5-30
	32-80	Loam----------	CL-ML, CL, ML, SC	A-4, A-6	0-1	0-3	90-100	85-98	70-90	45-70	15-30	NP-15
SeB:												
Selfridge-------	0-8	Loamy fine sand--	SM, SP-SM	A-2-4	0	0	95-100	90-100	85-95	10-25	0-0	NP.
	8-25	Sand, loamy sand, loamy fine sand.	SM, SP-SM	A-2-4, A-3	0	0-1	95-100	90-100	55-95	5-25	0-0	NP.
	25-29	Loam, sandy clay loam, sandy loam.	SC-SM, SC, ML, CL-ML, CL	A-4, A-6, A-2-6, A-2-4	0	0-1	90-100	85-100	50-95	25-60	17-40	NP-25
	29-32	Silty clay loam, loam, clay loam.	CL, CL-ML	A-6, A-4, A-7-6	0	0-1	90-100	85-100	80-100	55-95	20-50	5-30
	32-80	Loam----------	CL-ML, CL,	A-4, A-6	0-1	0-3	90-100	85-98	70-90	45-70	15-30	NP-15

			ML, SC										
So:													
Suman----------	0-22	Silty clay loam--	CL	A-6, A-7	0	0	98-100	95-100	75-100	70-100	35-50	10-25
	22-34	Clay loam, sandy clay loam, loam.	CL, CL-ML, SC	A-6, A-7	0	0	98-100	95-100	75-100	45-85	20-50	5-30
	34-60	Sand, coarse sand, loamy fine sand.	SM, SP-SM	A-2-4, A-3	0	0	100	100	55-100	5-30	0-0	NP.
TcA:													
Tracy----------	0-9	Sandy loam-------	SC-SM, SC, SM	A-2-4, A-4	0	0	80-100	75-98	60-80	25-40	0-25	NP-10
	9-47	Sandy loam, loam.	SC-SM, SM, ML, CL	A-4, A-6	0	0	85-100	75-98	55-90	25-60	10-40	NP-20
	47-60	Gravelly sandy clay loam, gravelly loamy sand.	SP-SM, SM, SC-SM, SC	A-6, A-4, A-2-4	0	0-1	60-90	50-75	30-70	10-60	0-40	NP-20
	60-86	Stratified loamy sand to gravelly sand.	SM, SP-SM	A-1-b, A-2-4, A-3	0-1	0-3	65-100	50-98	15-85	0-25	0-0	NP.
TcB:													
Tracy----------	0-9	Sandy loam-------	SC-SM, SM, SC	A-2-4, A-4	0	0	80-100	75-98	60-80	25-40	0-25	NP-10
	9-47	Sandy loam, loam.	CL, ML, SC-SM, SM	A-4, A-6	0	0	85-100	75-98	55-90	25-60	10-40	NP-20
	47-60	Gravelly sandy clay loam, gravelly loamy sand.	SC, SC-SM, SM, SP-SM	A-6, A-4, A-2-4	0	0-1	60-90	50-75	30-70	10-60	0-40	NP-20
	60-86	Stratified loamy sand to gravelly sand.	SP-SM, SM	A-1-b, A-2-4, A-3	0-1	0-3	65-100	50-98	15-85	0-25	0-0	NP.
TcC2:													
Tracy----------	0-5	Sandy loam-------	SM, SC, SC-SM	A-2-4, A-4	0	0	80-100	75-98	60-80	25-40	0-25	NP-10
	5-47	Sandy loam, loam.	ML, SC-SM, SM, CL	A-4, A-6	0	0	85-100	75-98	55-90	25-60	10-40	NP-20
	47-60	Gravelly sandy clay loam, gravelly loamy sand.	SC-SM, SM, SP-SM, SC	A-6, A-4, A-2-4	0	0-1	60-90	50-75	30-70	10-60	0-40	NP-20
	60-86	Stratified loamy sand to gravelly sand.	SM, SP-SM	A-1-b, A-2-4, A-3	0-1	0-3	65-100	50-98	15-85	0-25	0-0	NP.
TcD2:													
Tracy----------	0-8	Sandy loam-------	SM, SC, SC-SM	A-2-4, A-4	0	0	80-100	75-98	60-80	25-40	0-25	NP-10
	8-25	Loam, sandy loam.	SM, SC-SM, ML, CL-ML	A-4, A-6	0	0	85-100	75-98	55-90	25-60	10-40	NP-20
	25-46	Gravelly sandy clay loam, gravelly loamy sand, sandy loam.	SC-SM, SP-SM, CL, SC	A-2-4, A-4, A-6	0	0	60-90	50-75	30-60	10-50	0-60	NP-20
	46-60	Stratified loamy sand to gravelly sand.	SP-SM, SM	A-2-4, A-3, A-4	0-1	0-5	85-100	75-98	15-85	0-25	0-0	NP.
TcF:													
Tracy----------	0-8	Sandy loam-------	SC, SM, SC-SM	A-2-4, A-4	0	0	80-100	75-98	60-80	25-40	0-25	NP-10
	8-25	Loam, sandy loam.	ML, CL-ML, SC-SM, SM	A-4, A-6	0	0	85-100	75-98	55-90	25-60	10-40	NP-20
	25-46	Stratified gravelly sandy clay loam to gravelly loamy sand.	CL, SC, SC-SM, SP-SM	A-2-4, A-4, A-6	0	0	60-90	50-75	30-60	10-50	0-60	NP-20
	46-60	Stratified loamy sand to gravelly sand.	SM, SP-SM	A-1-b, A-2-4, A-3, A-4	0-1	0-5	85-100	75-98	15-85	0-25	0-0	NP.
Tr:													
Troxel----------	0-10	Silt loam--------	CL, CL-ML	A-4, A-6	0	0	100	100	90-100	55-100	25-40	4-15
	10-35	Silt loam--------	CL, CL-ML	A-4, A-6	0	0	100	100	90-100	55-100	25-40	5-20
	35-47	Silt loam, loam--	CL, CL-ML	A-4, A-6	0	0	85-100	75-98	60-90	40-60	20-40	5-20
	47-80	Stratified sandy loam to gravelly loamy sand.	SC, SC-SM, SM, SP-SM	A-2-4	0	0	70-100	55-98	40-80	0-20	0-25	NP-10
TyA:													
Tyner----------	0-12	Loamy sand-------	SM, SP-SM	A-2-4	0	0	90-100	85-100	55-85	10-25	0-0	NP.
	12-20	Loamy sand, loamy fine sand.	SP-SM, SM	A-2-4	0	0	90-100	85-100	55-95	10-25	0-0	NP.
	20-41	Sand, fine sand, loamy sand.	SM, SP, SP-SM	A-2-4, A-3	0	0	90-100	85-100	55-85	0-25	0-0	NP.
	41-80	Sand, coarse sand, fine sand.	SP-SM, SP, SM	A-1-b, A-2-4, A-3	0	0	90-100	85-100	35-95	0-15	0-0	NP.
Ua:													
Udorthents, loamy----------	0-60	Loam----------	CL	A-4, A-6	0	0-3	85-100	80-100	70-100	55-95	25-40	8-15
Uc:													
Urban land------	---	---	---	---	---	---	---	---	---	---	---	---

Coupee----------	0-21	Silt loam--------	CL, ML	A-6, A-4	0	0	100	100	95-100	75-100	26-39	2-15
	21-33	Clay loam, loam--	CL, CL-ML	A-6, A-7	0	0	90-100	90-100	85-95	55-80	20-50	5-30
	33-52	Stratified loamy sand to sand to coarse sand.	SM, SP-SM	A-2-4, A-3	0	0-1	85-100	75-98	35-85	0-25	0-0	NP.
	52-98	Very channery coarse sand, fine sand, sand.	SW, SW-SM	A-1-a	0-2	0-5	45-100	25-98	10-85	0-15	0-0	NP.
UoC:												
Urban land------	---	---	---	---	---	---	---	---	---	---	---	---
Oakville--------	0-14	Fine sand--------	SM, SP-SM	A-2-4, A-3, A-4	0	0	100	100	70-100	5-35	0-0	NP.
	14-39	Fine sand, loamy fine sand.	SM, SP-SM	A-2-4, A-3	0	0	100	100	70-100	5-35	0-0	NP.
	39-60	Sand, fine sand--	SM, SP-SM	A-2-4, A-3	0	0	100	100	70-100	5-35	0-0	NP.
Uv:												
Urban land------	---	---	---	---	---	---	---	---	---	---	---	---
Morocco---------	0-9	Loamy sand-------	SM, SP-SM	A-2-4	0	0	100	98-100	75-95	10-25	0-0	NP.
	9-60	Fine sand, sand, loamy fine sand, loamy sand.	SP-SM, SM	A-2-4, A-3	0	0	100	98-100	70-95	0-25	0-0	NP.
	60-80	Sand, fine sand--	SP-SM, SM	A-2-4, A-3	0	0	100	98-100	70-95	0-25	0-0	NP.
W:												
Water----------	---	---	---	---	---	---	---	---	---	---	---	---
Wa:												
Wallkill--------	0-10	Silt loam--------	ML, CL-ML, CL	A-4, A-6	0	0	100	100	90-100	55-100	20-40	2-15
	10-27	Silt loam, loam, mucky silt loam.	ML, CL-ML, CL	A-4, A-6	0	0	100	100	90-100	55-100	20-40	2-20
	27-60	Muck----------	PT	A-8	0	0	100	100	---	---	0-0	---
We:												
Warners---------	0-10	Silt loam--------	CL, CL-ML, ML	A-4	0	0	100	100	90-100	55-100	15-30	2-15
	10-20	Silt loam, mucky silt loam, silty clay loam.	CL, ML, CL-ML	A-4, A-6	0	0	100	100	90-100	55-100	15-50	2-25
	20-60	Marl----------	ML	A-5	0	0	100	95-100	80-90	60-80	0-0	---
Wh:												
Washtenaw-------	0-5	Silt loam--------	CL, ML, CL-ML	A-4, A-6	0	0	100	100	90-100	55-100	20-40	2-15
	5-55	Silt loam, silty clay loam, clay loam.	CL, CL-ML	A-4, A-6, A-7-6	0	0	100	95-100	90-100	55-100	20-50	5-30
	55-60	Silty clay loam, loam, clay loam.	CL-ML, CL	A-7-6, A-4, A-6	0	0	98-100	95-100	85-95	70-85	25-50	5-30