

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

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
Ad: Fluvaquents-----	0-6		CL-ML, ML, SC-SM, SM	A-4	---	0-5	75-100	60-100	50-80	35-60	10-20	NP-5
	6-42	Sandy loam, silt loam, gravelly loam	CL-ML, ML, SC-SM, SM	A-4	---	0-10	75-100	60-100	50-90	35-80	10-25	NP-6
	42-60	Silt loam, loam, silty clay loam	CL, CL-ML, ML	A-4, A-6	---	0	95-100	95-100	80-100	50-95	15-40	2-25
Atkins-----	---	---	---	---	---	---	---	---	---	---	---	---
As: Ashton-----	0-10	Fine sandy loam	CL-ML, ML, SC-SM, SM	A-4	---	0	95-100	90-100	60-85	40-60	15-20	NP-5
	10-48	Silt loam, silty clay loam	CL, CL-ML	A-4, A-6, A-7	---	0	95-100	90-100	85-100	80-100	25-42	5-20
	48-60	Silt loam, loam, fine sandy loam	CL, CL-ML, ML, SM	A-4, A-6	---	0-5	90-100	85-100	65-95	40-90	15-40	NP-20
At: Atkins-----	0-10	Silt loam	CL, CL-ML, ML	A-4, A-6	---	0	90-100	85-100	75-100	60-95	20-40	3-20
	10-34	Silty clay loam, silt loam, sandy loam	CL, ML, SC, SM	A-4, A-6	---	0-5	90-100	85-100	65-100	45-85	20-40	3-20
	34-55	Stratified silty clay loam to gravelly sandy loam	CL, GM, ML, SM	A-2, A-4, A-6	---	0-15	60-100	60-100	50-95	30-85	20-40	1-15

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
CgF: Calvin-----	0-6	Very stony silt loam	CL, ML	A-4	---	3-15	70-100	70-100	65-95	55-90	---	---
	6-21	Shaly silt loam, channery loam, very shaly clay loam	GM, ML, SM	A-2, A-4, A-6	---	0-15	70-95	55-90	40-90	30-75	22-38	NP-11
	21-24	Shaly silt loam, very shaly silt loam, very channery loam	GC-GM, GM, SC-SM, SM	A-1, A-2, A-6	---	0-20	35-75	30-65	15-60	15-40	23-39	3-11
	24-28	Unweathered bedrock			---	---	---	---	---	---	---	---
Gilpin-----	0-8	Very stony silt loam	CL, CL-ML, GC, SC	A-2, A-4, A-6	---	10-40	50-90	45-85	35-75	30-70	20-40	4-15
	8-22	Shaly silt loam, channery loam, silty clay loam	CL, CL-ML, GC-GM, SC	A-2, A-4, A-6	---	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	22-31	Channery loam, very channery silt loam, very shaly silty clay loam	GC, GC-GM	A-1, A-2, A- 4, A-6	---	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	31-35	Unweathered bedrock			---	---	---	---	---	---	---	---
Other Soils-----	---	---	---	---	---	---	---	---	---	---	---	---
Ch: Chavies-----	0-9	Fine sandy loam	CL-ML, ML, SC-SM, SM	A-4	---	0	85-100	75-100	40-90	40-75	15-25	NP-5
	9-34	Fine sandy loam, silt loam, loam	ML, SM	A-4	---	0	85-100	75-100	65-100	45-85	15-35	NP-8
	34-50	Fine sandy loam, gravelly fine sandy loam, loam	CL-ML, ML, SC-SM, SM	A-1-b, A-2, A-4	---	0-5	70-100	60-95	40-85	20-75	15-25	NP-5

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10	3-10	4	10	40	200		
					inches	inches						
	In				Pct	Pct					Pct	
Gilpin-----	0-8	Very stony silt loam	CL, CL-ML, GC, SC	A-2, A-4, A-6	---	10-40	50-90	45-85	35-75	30-70	20-40	4-15
	8-22	Shaly silt loam, channery loam, silty clay loam	CL, CL-ML, GC-GM, SC	A-2, A-4, A-6	---	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	22-31	Channery loam, very channery silt loam, very shaly silty clay loam	GC, GC-GM	A-1, A-2, A- 4, A-6	---	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	31-35	Unweathered bedrock			---	---	---	---	---	---	---	---
ErB: Ernest-----	0-7	Silt loam	CL, CL-ML, ML	A-4, A-6	---	0-10	85-100	80-100	70-95	60-95	20-40	4-15
	7-27	Silty clay loam, silt loam, channery silt loam	CL, CL-ML, ML	A-4, A-6, A-7	---	0-15	75-100	70-95	65-90	55-90	25-50	6-22
	27-47	Channery silt loam, channery loam, silty clay loam	CL, GM, ML, SC	A-4, A-6, A-7	---	0-20	70-95	55-95	55-90	45-90	20-45	4-18
	47-55	Channery silt loam, silt loam, silty clay loam	CL, GM, ML, SC	A-4, A-6, A-7	---	0-20	70-95	45-95	45-90	40-90	25-50	6-22
Lickdale----- --- ---	---	---	---	---	---	---	---	---	---	---	---	---
ErC: Ernest-----	0-7	Silt loam	CL, CL-ML, ML	A-4, A-6	---	0-10	85-100	80-100	70-95	60-95	20-40	4-15
	7-27	Silty clay loam, silt loam, channery silt loam	CL, CL-ML, ML	A-4, A-6, A-7	---	0-15	75-100	70-95	65-90	55-90	25-50	6-22
	27-47	Channery silt loam, channery loam, silty clay loam	CL, GM, ML, SC	A-4, A-6, A-7	---	0-20	70-95	55-95	55-90	45-90	20-45	4-18
	47-55	Channery silt loam, silt loam, silty clay loam	CL, GM, ML, SC	A-4, A-6, A-7	---	0-20	70-95	45-95	45-90	40-90	25-50	6-22

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10	3-10	4	10	40	200		
					inches	inches						
		In			Pct	Pct					Pct	
EsC: Ernest-----	0-7	Very stony silt loam	CL, CL-ML, ML	A-4, A-6	---	3-15	65-80	60-80	55-75	55-70	20-40	4-15
	7-27	Silty clay loam, silt loam, channery silt loam	CL, CL-ML, ML	A-4, A-6, A-7	---	0-15	75-100	70-95	65-90	55-90	25-50	6-22
	27-47	Channery silt loam, channery loam, silty clay loam	CL, GM, ML, SC	A-4, A-6, A-7	---	0-20	70-95	55-95	55-90	45-90	20-45	4-18
	47-55	Channery silt loam, silt loam, silty clay loam	CL, GM, ML, SC	A-4, A-6, A-7	---	0-20	70-95	45-95	45-90	40-90	25-50	6-22
Shelocta-----	0-8	Gravelly silt loam	GM, ML, SM	A-4	---	0-10	55-95	50-80	40-70	36-65	15-35	NP-10
	8-44	Silty clay loam, silt loam, channery silty clay loam	CL, CL-ML, GC, SC	A-4, A-6	---	0-10	55-95	50-95	45-95	40-90	25-40	4-15
	44-60	Channery silt loam, channery silty clay loam, very channery clay loam	CL, GC, GM, ML	A-1-b, A-2, A-4, A-6	---	0-15	40-85	35-70	25-70	20-65	20-40	3-20
EsE: Ernest-----	0-7	Very stony silt loam	CL, CL-ML, ML	A-4, A-6	---	3-15	65-80	60-80	55-75	55-70	20-40	4-15
	7-27	Silty clay loam, silt loam, channery silt loam	CL, CL-ML, ML	A-4, A-6, A-7	---	0-15	75-100	70-95	65-90	55-90	25-50	6-22
	27-47	Channery silt loam, channery loam, silty clay loam	CL, GM, ML, SC	A-4, A-6, A-7	---	0-20	70-95	55-95	55-90	45-90	20-45	4-18
	47-55	Channery silt loam, silt loam, silty clay loam	ML, SC, CL, GM	A-4, A-6, A-7	---	0-20	70-95	45-95	45-90	40-90	25-50	6-22

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10	3-10	4	10	40	200		
					inches	inches						
	In				Pct	Pct					Pct	
GlF3:												
Gilpin-----	0-8	Silt loam	CL, CL-ML	A-4, A-6	---	0-5	80-95	75-90	70-85	65-80	20-40	4-15
	8-22	Channery loam, shaly silt loam, silty clay loam	CL, CL-ML, GC, SC	A-2, A-4, A-6	---	0-30	50-95	45-90	35-85	30-80	20-40	4-15
	22-31	Channery loam, very channery silt loam, very shaly silty clay loam	GC, GC-GM	A-1, A-2, A- 4, A-6	---	0-35	25-55	20-50	15-45	15-40	20-40	4-15
	31-35	Unweathered bedrock			---	---	---	---	---	---	---	---
Gr:												
Fluents-----	0-6		CL-ML, GM, ML, SM	A-4	---	0-5	75-100	60-100	50-80	35-60	10-20	NP-5
	6-42	Sandy loam, silt loam, gravelly loam	ML, SM, CL- ML, GM	A-4	---	0-10	75-100	60-100	50-90	35-80	10-25	NP-6
	42-60	Silt loam, loam, silty clay loam	CL, CL-ML, ML	A-4, A-6	---	0	95-100	95-100	80-100	50-95	15-40	2-25
La:												
Landes-----	0-11	Fine sandy loam	SC, SC-SM, SM	A-2, A-4	---	0	100	95-100	85-95	20-50	15-25	NP-10
	11-60	Fine sandy loam, loam, loamy fine sand	CL-ML, ML, SC-SM, SM	A-2, A-4	---	0	100	85-100	70-95	20-70	15-25	NP-10
Atkins-----	---	---	---	---	---	---	---	---	---	---	---	---
Lc:												
Lickdale-----	0-10	Silt loam	CL, ML	A-4	---	---	90-100	85-100	70-95	65-90	---	---
	10-40	Silt loam, silty clay loam, sandy clay loam	CL, ML	A-4, A-6, A-7	---	0-5	70-100	70-100	60-90	55-85	---	---
	40-60	Loam, gravelly sandy loam, sandy clay loam	ML, SC, SM	A-2, A-4, A-6	---	0-10	65-95	55-90	50-85	20-85	---	---

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10	3-10	4	10	40	200		
					inches	inches						
		In			Pct	Pct					Pct	
Ma: Udorthents, dumps , low-----	0-6		GC, GM	A-1, A-2, A-4	---	0-10	35-70	30-65	20-55	10-45	15-25	NP-8
	6-60	Very gravelly sandy loam, very channery loam, very gravelly loam	GC, GM	A-1, A-2	---	0-20	20-50	15-45	10-40	5-25	15-25	NP-8
McB: Meckesville-----	0-4	Silt loam	ML	A-4	---	0-10	90-100	85-95	70-85	55-70	30-40	5-10
	4-38	Loam, channery silt loam, gravelly silty clay loam	CL, ML	A-4, A-6	---	0-20	60-100	60-95	60-90	55-70	25-40	2-15
	38-62	Loam, channery silt loam, gravelly clay loam	CL-ML, GM, ML, SC	A-2, A-4	---	0-20	45-95	40-90	35-85	30-65	20-30	2-10
	62-70	Loam, channery silt loam, gravelly clay loam	CL-ML, GM, ML, SC	A-2, A-4	---	0-50	45-90	30-85	30-85	25-60	20-30	2-10
Atkins-----	---	---	---	---	---	---	---	---	---	---	---	---
McC: Meckesville-----	0-4	Silt loam	ML	A-4	---	0-10	90-100	85-95	70-85	55-70	30-40	5-10
	4-38	Loam, channery silt loam, gravelly silty clay loam	CL, ML	A-4, A-6	---	0-20	60-100	60-95	60-90	55-70	25-40	2-15
	38-62	Loam, channery silt loam, gravelly clay loam	CL-ML, GM, ML, SC	A-2, A-4	---	0-20	45-95	40-90	35-85	30-65	20-30	2-10
	62-70	Loam, channery silt loam, gravelly clay loam	CL-ML, GM, ML, SC	A-2, A-4	---	0-50	45-90	30-85	30-85	25-60	20-30	2-10

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10	3-10	4	10	40	200		
					inches	inches						
		In			Pct	Pct					Pct	
MdC: Meckesville-----	0-4	Very stony silt loam	ML	A-4	---	3-15	80-100	70-95	65-85	55-80	---	---
	4-38	Loam, channery silt loam, gravelly silty clay loam	CL, ML	A-4, A-6	---	0-20	60-100	60-95	60-90	55-70	25-40	2-15
	38-62	Loam, channery silt loam, gravelly clay loam	CL, GM, ML, SC	A-2, A-4	---	0-20	45-95	40-90	35-85	30-65	20-30	2-10
	62-70	Loam, channery silt loam, gravelly clay loam	CL, GM, ML, SC	A-2, A-4	---	0-50	45-90	30-85	30-85	25-60	20-30	2-10
MdE: Meckesville-----	0-4	Very stony silt loam	ML	A-4	---	3-15	80-100	70-95	65-85	55-80	---	---
	4-38	Loam, channery silt loam, gravelly silty clay loam	CL, ML	A-4, A-6	---	0-20	60-100	60-95	60-90	55-70	25-40	2-15
	38-62	Loam, channery silt loam, gravelly clay loam	CL, GM, ML, SC	A-2, A-4	---	0-20	45-95	40-90	35-85	30-65	20-30	2-10
	62-70	Loam, channery silt loam, gravelly clay loam	CL, GM, ML, SC	A-2, A-4	---	0-50	45-90	30-85	30-85	25-60	20-30	2-10
Me: Udorthents,dumps ,low-----	0-6		GC, GM	A-1, A-2, A-4	---	0-10	35-70	30-65	20-55	10-45	15-25	NP-8
	6-60	Very gravelly sandy loam, very channery loam, very gravelly loam	GC, GM	A-1, A-2	---	0-20	20-50	15-45	10-40	5-25	15-25	NP-8

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10	3-10	4	10	40	200		
					inches	inches						
	In				Pct	Pct					Pct	
MnE: Muskingum-----	0-11	Very stony silt loam	CL, ML, SC, SM	A-2, A-4	---	1-13	75-100	70-95	50-90	30-80	20-35	2-10
	11-32	Silt loam, channery silt loam, channery loam	CL, GM, ML, SM	A-2, A-4	---	0-15	70-90	55-85	50-80	40-75	20-35	2-10
	32-35	Very channery silt loam, very channery loam, channery loam	GM, ML, SM	A-1, A-2, A-4	---	0-15	20-80	10-65	10-65	10-60	20-35	2-10
	35-39	Unweathered bedrock			---	---	---	---	---	---	---	---
MnF: Muskingum-----	0-11	Very stony silt loam	ML, SC, SM, CL	A-2, A-4	---	1-13	75-100	70-95	50-90	30-80	20-35	2-10
	11-32	Silt loam, channery silt loam, channery loam	CL, GM, ML, SM	A-2, A-4	---	0-15	70-90	55-85	50-80	40-75	20-35	2-10
	32-35	Very channery silt loam, very channery loam, channery loam	GM, ML, SM	A-1, A-2, A-4	---	0-15	20-80	10-65	10-65	10-60	20-35	2-10
	35-39	Unweathered bedrock			---	---	---	---	---	---	---	---
Ph: Philo-----	0-10	Silt loam	CL-ML, ML, SM	A-4	---	0-5	95-100	80-100	85-90	60-80	20-35	1-10
	10-50	Silt loam, loam, sandy loam	CL-ML, ML, SM	A-4	---	0-5	95-100	75-100	70-90	45-80	20-35	1-10
Atkins-----	---	---	---	---	---	---	---	---	---	---	---	---
Po: Pope-----	0-7	Fine sandy loam	CL-ML, ML, SC-SM, SM	A-2, A-4	---	0	85-100	75-100	51-85	25-55	15-20	NP-5
	7-32	Fine sandy loam, sandy loam, loam	CL-ML, ML, SC-SM, SM	A-2, A-4	---	0	95-100	80-100	51-95	25-75	15-30	NP-7
	32-50	Sandy loam, loamy sand	GM, ML, SC- SM, SM	A-1, A-2, A-4	---	0-20	45-100	35-100	30-95	15-70	15-30	NP-7

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10	3-10	4	10	40	200		
					inches	inches						
	In				Pct	Pct					Pct	
Atkins-----	---	---	---	---	---	---	---	---	---	---	---	---
RaB: Rayne-----	0-10	Silt loam	CL, ML	A-4	---	0-5	85-100	80-100	70-85	60-80	---	---
	10-33	Loam, shaly silty clay loam, channery clay loam	CL, GC, GM, ML	A-2, A-4, A-6	---	0-15	60-95	55-85	40-85	30-60	20-40	2-15
	33-45	Channery sandy loam, shaly silt loam, very shaly silty clay loam	GM, GP-GM, ML, SM	A-1, A-2, A-4	---	0-35	40-90	15-80	15-75	10-60	20-35	NP-10
	45-49	Unweathered bedrock			---	---	---	---	---	---	---	---
RaC: Rayne-----	0-10	Silt loam	CL, ML	A-4	---	0-5	85-100	80-100	70-85	60-80	---	---
	10-33	Loam, shaly silty clay loam, channery clay loam	CL, GC, GM, ML	A-2, A-4, A-6	---	0-15	60-95	55-85	40-85	30-60	20-40	2-15
	33-45	Channery sandy loam, shaly silt loam, very shaly silty clay loam	GM, GP-GM, ML, SM	A-1, A-2, A-4	---	0-35	40-90	15-80	15-75	10-60	20-35	NP-10
	45-49	Unweathered bedrock			---	---	---	---	---	---	---	---
ShC: Shelocta-----	0-8	Silt loam	CL-ML, ML	A-4	---	0-5	80-95	75-95	60-95	55-90	15-35	NP-10
	8-44	Silty clay loam, silt loam, channery silty clay loam	CL, CL-ML, GC, SC	A-4, A-6	---	0-10	55-95	50-95	45-95	40-90	25-40	4-15
	44-60	Channery silt loam, channery silty clay loam, very channery clay loam	CL, GC, GM, ML	A-1-b, A-2, A-4, A-6	---	0-15	40-85	35-70	25-70	20-65	20-40	3-20

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10	3-10	4	10	40	200		
					inches	inches						
		In			Pct	Pct					Pct	
ShD: Shelocta-----	0-8	Silt loam	CL-ML, ML	A-4	---	0-5	80-95	75-95	60-95	55-90	15-35	NP-10
	8-44	Silty clay loam, silt loam, channery silty clay loam	CL, CL-ML, GC, SC	A-4, A-6	---	0-10	55-95	50-95	45-95	40-90	25-40	4-15
	44-60	Channery silt loam, channery silty clay loam, very channery clay loam	CL, GC, GM, ML	A-1-b, A-2, A-4, A-6	---	0-15	40-85	35-70	25-70	20-65	20-40	3-20
ShE: Shelocta-----	0-8	Silt loam	CL-ML, ML	A-4	---	0-5	80-95	75-95	60-95	55-90	15-35	NP-10
	8-44	Silty clay loam, silt loam, channery silty clay loam	CL, CL-ML, GC, SC	A-4, A-6	---	0-10	55-95	50-95	45-95	40-90	25-40	4-15
	44-60	Channery silt loam, channery silty clay loam, very channery clay loam	CL, GC, GM, ML	A-1-b, A-2, A-4, A-6	---	0-15	40-85	35-70	25-70	20-65	20-40	3-20
Sr: Rock Outcrop,hard---	0-60				---	---	---	---	---	---	---	---
St: Udorthents,mudst one,-----	0-6		CL, CL-ML, GC	A-2, A-4, A-6	---	5-20	40-75	35-70	30-65	20-60	20-35	6-14
	6-60	Very channery silt loam, very channery silty clay loam, very channery loam	CL, CL-ML, GC	A-2, A-4, A-6	---	10-30	20-55	15-50	15-45	10-40	20-40	6-15

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10	3-10	4	10	40	200		
					inches	inches						
		In			Pct	Pct					Pct	
SuB: Summers-----	0-14	Channery loam	GM, ML, SM	A-2, A-4, A-6	---	0-5	60-85	50-70	40-65	30-60	20-40	1-12
	14-22	Channery loam, channery fine sandy loam, channery sandy loam	GC, GM, ML, SM	A-2, A-4	---	5-30	55-80	55-70	45-65	35-60	20-40	1-15
	22-33	Very channery loam, very channery fine sandy loam, very channery sandy loam	GM, SM	A-2, A-4, A-6	---	10-50	45-60	30-45	20-45	10-40	20-40	1-12
	33-37	Unweathered bedrock			---	---	---	---	---	---	---	---
U: Urban Areas-----	---	---	---	---	---	---	---	---	---	---	---	---
w: Water-----	---	---	---	---	---	---	---	---	---	---	---	---
WhB: Wharton-----	0-9	Silt loam	CL, ML	A-4, A-6	---	0-5	95-100	90-100	80-95	70-90	---	---
	9-42	Clay loam, shaly silty clay loam, shaly silt loam	CL, ML	A-6, A-7	---	0-25	75-100	70-100	65-95	60-90	35-45	10-25
	42-60	Silt loam, shaly clay, very shaly silt loam	GM, ML, SM	A-7, A-2, A- 4, A-6	---	0-50	45-100	30-100	25-95	25-90	30-45	5-15
WhC: Wharton-----	0-9	Silt loam	CL, ML	A-4, A-6	---	0-5	95-100	90-100	80-95	70-90	---	---
	9-42	Clay loam, shaly silty clay loam, shaly silt loam	CL, ML	A-6, A-7	---	0-25	75-100	70-100	65-95	60-90	35-45	10-25
	42-60	Silt loam, shaly clay, very shaly silt loam	GM, ML, SM	A-2, A-4, A- 6, A-7	---	0-50	45-100	30-100	25-95	25-90	30-45	5-15

Table H.--Engineering Index Properties--Continued

Map symbol and soil name	Depth	USDA texture	Classification		Fragments		Percentage passing sieve number--				Liquid limit	Plas- ticity index
			Unified	AASHTO	>10	3-10	4	10	40	200		
					inches	inches						
	In				Pct	Pct					Pct	
WhC3: Wharton-----	0-9	Silt loam	CL, ML	A-4, A-6	---	0-5	95-100	90-100	80-95	70-90	---	---
	9-42	Clay loam, shaly silty clay loam, shaly silt loam	CL, ML	A-6, A-7	---	0-25	75-100	70-100	65-95	60-90	35-45	10-25
	42-60	Silt loam, shaly clay, very shaly silt loam	GM, ML, SM	A-2, A-4, A- 6, A-7	---	0-50	45-100	30-100	25-95	25-90	30-45	5-15