

(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	3-10	4	10	40	200		
					inches	inches						
	In											
AlB: Allegheny-----	0-4	Loam	CL, ML	A-4	0	0	90-100	80-100	65-100	55-95	15-35	NP-10
	4-48	Clay loam, loam, sandy clay loam	CL, SM, SC, ML	A-4, A-6	0	0	90-100	80-100	65-95	35-80	15-35	NP-15
	48-64	Gravelly loam, clay loam, sandy loam, gravelly sandy loam	ML, GC, CL, SM	A-1, A-2, A- 4, A-6	---	0-5	65-100	55-100	35-95	20-75	15-35	NP-15
Other Soils-----	---	---	---	---	---	---	---	---	---	---	---	---
AlC: Allegheny-----	0-4	Loam	CL, ML	A-4	0	0	90-100	80-100	65-100	55-95	15-35	NP-10
	4-48	Clay loam, loam, sandy clay loam	SM, ML, CL, SC	A-4, A-6	0	0	90-100	80-100	65-95	35-80	15-35	NP-15
	48-64	Gravelly loam, clay loam, sandy loam, gravelly sandy loam	CL, GC, SM, ML	A-1, A-2, A- 4, A-6	---	0-5	65-100	55-100	35-95	20-75	15-35	NP-15
Other Soils-----	---	---	---	---	---	---	---	---	---	---	---	---
An: Atkins-----	0-4	Silt loam	CL-ML, ML, CL	A-4, A-6	0	0	90-100	85-100	75-100	60-95	20-40	3-20
	4-28	Silty clay loam, silt loam, sandy loam	ML, SM, SC, CL	A-4, A-6	---	0-5	90-100	85-100	65-100	45-85	20-40	3-20
	28-64	Stratified gravelly sandy loam to silty clay loam	SM, ML, CL, GM	A-2, A-4, A-6	---	0-15	60-100	60-100	50-95	30-85	20-40	1-15
Philo-----	0-8	Silt loam	CL-ML, ML	A-4	0-5	0-5	95-100	80-100	75-90	60-80	20-35	1-10
	8-37	Silt loam, loam, gravelly loam	CL-ML, GM, ML, SM	A-4	0-5	0-5	80-100	75-100	70-90	45-80	20-35	1-10
	37-64	Very gravelly loam, gravelly silt loam, loam	CL-ML, SM, GM	A-4	0-5	0-5	55-100	50-100	40-85	35-80	20-35	1-10

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 inches	3-10 inches	4	10	40	200		
	In				Pct	Pct					Pct	
BkG: Berks-----	0-3	Silt loam	GC, GM, SC, SM	A-2, A-4	0-6	15-30	40-80	35-70	30-60	25-45	25-36	5-10
	3-23	Channery loam, very channery loam, channery silt loam	GC, GM, SC, SM	A-1, A-2, A-4	0	0-30	40-80	35-70	25-60	20-45	25-36	5-10
	23-30	Channery loam, very channery loam, channery silt loam	GM, SM	A-1, A-2	0	0-40	35-65	25-55	20-40	15-35	24-38	2-10
	30-31	Weathered bedrock			---	---	---	---	---	---	---	---
Weikert-----	0-7	Silt loam	GM, ML, SM	A-1, A-2, A-4	0-6	3-15	35-70	35-70	25-65	20-55	30-40	4-10
	7-16	Very channery loam, very channery silt loam, gravelly loam	GM, GP-GM	A-1, A-2	0	0-20	15-60	10-55	5-45	5-35	28-36	3-9
	16-17	Weathered bedrock			---	---	---	---	---	---	---	---
Calvin-----	0-3	Silt loam	CL, ML	A-4	0-6	3-15	70-100	70-100	65-95	55-90	20-50	4-15
	3-28	Channery silt loam, channery loam, very channery clay loam	SM, GM, ML	A-2, A-4, A-6	0	0-15	70-95	55-90	40-90	30-75	22-38	NP-11
	28-39	Channery silt loam, very channery loam	GC-GM, GM,	A-1, A-2, A-6	0	0-20	35-75	30-65	15-60	15-40	23-39	3-
Other Soils-----	---	Unweathered bedrock			---	---	---	---	---	---	---	---

1

l
o
a
m
,
v
e
r
y

S
C
-
S
M
,
S
M

l

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	
MkF: Mandy-----	0-5	Silt loam	CL-ML, CL	A-4	---	15-30	65-80	60-75	55-70	50-65	20-32	4-10
	5-29	Channery silt loam, very channery silt loam, extremely channery loam	SM, SC, GC, GM	A-1, A-2, A-4	---	0-30	40-80	35-70	25-60	20-45	20-41	4-15
	29-37	Extremely channery silt loam, extremely channery loam	GC, GM, SC, SM	A-1, A-2	---	0-40	35-65	25-55	20-40	15-35	20-61	4-17
	37-38	Weathered bedrock			---	---	---	---	---	---	---	---
Other Soils-----	---	---	---	---	---	---	---	---	---	---	---	---
MkG: Mandy-----	0-5	Silt loam	CL-ML, CL	A-4	---	15-30	65-80	60-75	55-70	50-65	20-32	4-10
	5-29	Channery silt loam, very channery silt loam, extremely channery loam	GC, SC, SM, GM	A-1, A-2, A-4	---	0-30	40-80	35-70	25-60	20-45	20-55	4-17
	29-37	Extremely channery silt loam, extremely channery loam	SM, SC, GM, GC	A-1, A-2	---	0-40	35-65	25-55	20-40	15-35	20-55	4-17
	37-38	Weathered bedrock			---	---	---	---	---	---	---	---
Other Soils-----	---	---	---	---	---	---	---	---	---	---	---	---
Ml: Melvin-----	0-10	Silt loam	ML, CL, CL-ML	A-4	---	0	95-100	90-100	80-100	80-95	15-55	4-18
	10-57	Silt loam, silty clay loam	CL, CL-ML	A-4, A-6	---	0	95-100	90-100	80-100	80-98	24-26	5-20
	57-64	Silt loam, silty clay loam, loam	CL-ML, CL	A-4, A-6	---	0	85-100	80-100	70-100	60-98	25-40	5-20

