

## Soil Survey of Lee County, Texas

Table 1.--Temperature and Precipitation  
(Recorded in the period 1971-2000 at Smithville, Texas)

Month	Temperature (Degrees F)					Precipitation (Inches)			
	Average daily maximum	Average daily minimum	Average	2 years in 10 will have		Average number of growing degree days*	Average	2 years in 10 will have	
				Maximum temperature higher than	Minimum temperature less than			less than	more than
	°F	°F	°F	°F	°F	Units	In	In	In
January---	61.1	36.3	48.7	82	17	107	2.76	0.98	4.13
February--	65.2	39.9	52.5	87	20	154	2.44	1.02	3.53
March-----	72.8	47.0	59.9	90	25	328	2.57	1.36	3.74
April-----	79.8	54.7	67.2	93	34	511	3.06	0.74	5.40
May-----	85.2	63.2	74.2	95	46	748	4.94	1.82	8.25
June-----	91.9	69.4	80.7	101	56	910	3.61	1.31	5.94
July-----	95.7	71.3	83.5	103	62	1,017	2.05	0.50	3.52
August----	96.7	70.1	83.4	105	60	1,032	2.14	0.55	3.55
September-	91.2	65.4	78.3	103	46	841	3.44	1.53	5.39
October---	82.2	55.7	68.9	97	35	585	4.55	1.14	7.37
November--	71.1	46.2	58.7	88	26	291	3.40	1.45	5.31
December--	63.2	38.7	50.9	83	16	134	3.01	1.09	4.42
Yearly:									
Average-	79.7	54.8	67.2	---	---	---	---	---	---
Extreme-	111	9	---	106	15	---	---	---	---
Total---	---	---	---	---	---	6,658	37.98	21.91	46.37

\* A growing degree day is a unit of heat available for plant growth. It can be calculated by adding the maximum and minimum daily temperatures, dividing the sum by 2, and subtracting the temperature below which growth is minimal for the principal crops in the area (50 degrees F).

## Soil Survey of Lee County, Texas

Table 2.--Freeze Dates in Spring and Fall

(Recorded in the period 1971-2000 at Smithville, Texas)

Probability	Temperature		
	24°F or lower	28°F or lower	32°F or lower
Last freezing temperature in spring:			
1 year in 10 later than--	February 26	March 21	March 27
2 years in 10 later than--	February 14	March 10	March 19
5 years in 10 later than--	January 16	February 18	March 4
First freezing temperature in fall:			
1 year in 10 earlier than--	November 27	November 15	October 28
2 years in 10 earlier than--	December 5	November 22	November 4
5 years in 10 earlier than--	December 21	December 4	November 19

Table 3.--Growing Season

(Recorded for the period 1971-2000 at Smithville, Texas)

Probability	Daily Minimum Temperature		
	Number of days less than 24°F	Number of days less than 28°F	Number of days less than 32°F
	<u>Days</u>	<u>Days</u>	<u>Days</u>
9 years in 10	284	262	231
8 years in 10	297	272	242
5 years in 10	322	292	263
2 years in 10	347	311	284
1 year in 10	361	321	294

## Soil Survey of Lee County, Texas

Table 4.--Acreage and Proportionate Extent of the Soils

Map symbol	Soil name	Acres	Percent
ArD	Arenosa fine sand, 1 to 8 percent slopes-----	1,089	0.3
BeB	Benchley clay loam, 1 to 3 percent slopes-----	10,741	2.7
BeC	Benchley clay loam, 3 to 5 percent slopes-----	3,484	0.9
BgB	Boonville gravelly fine sandy loam, 1 to 3 percent slopes-----	2,526	0.6
BoB	Boonville fine sandy loam, 0 to 2 percent slopes-----	9,814	2.4
BuC	Burlewash fine sandy loam, 1 to 5 percent slopes-----	2,122	0.5
BwC	Burlewash gravelly fine sandy loam, 1 to 5 percent slopes-----	1,465	0.4
BxG	Burlewash-Koether soils, 8 to 45 percent slopes, very stony-----	1,213	0.3
CgB	Crockett gravelly fine sandy loam, 1 to 5 percent slopes-----	1,472	0.4
ChC	Chazos loamy fine sand, 1 to 5 percent slopes-----	4,180	1.0
CrC	Crockett fine sandy loam, 1 to 5 percent slopes-----	10,950	2.7
CrC2	Crockett fine sandy loam, 2 to 5 percent slopes, eroded-----	2,046	0.5
DuC	Dutek loamy fine sand, 1 to 5 percent slopes-----	1,803	0.4
DwB	Davilla-Wilson complex, 0 to 2 percent slopes-----	6,196	1.5
EdB	Edge fine sandy loam, 1 to 3 percent slopes-----	8,275	2.0
EdC2	Edge fine sandy loam, 2 to 5 percent slopes, eroded-----	7,647	1.9
EdD	Edge fine sandy loam, 5 to 8 percent slopes-----	5,280	1.3
EgD	Edge-Gullied land complex, 3 to 8 percent slopes-----	613	0.2
FaB	Faula fine sand, 0 to 5 percent slopes-----	3,479	0.9
GaB	Gasil fine sandy loam, 1 to 3 percent slopes-----	11,516	2.8
GaD	Gasil fine sandy loam, 3 to 8 percent slopes-----	2,272	0.6
GgC	Gredge gravelly fine sandy loam, 1 to 5 percent slopes-----	3,805	0.9
GrC	Gredge fine sandy loam, 1 to 5 percent slopes-----	7,929	2.0
GsB	Gasil loamy fine sand, 1 to 3 percent slopes-----	5,650	1.4
GsD	Gasil loamy fine sand, 3 to 8 percent slopes-----	2,110	0.5
JeD	Jedd fine sandy loam, 3 to 8 percent slopes-----	9,291	2.3
JeE	Jedd fine sandy loam, 5 to 20 percent slopes, stony-----	595	0.1
JeF	Jedd fine sandy loam, 8 to 20 percent slopes-----	2,149	0.5
JgD	Jedd soils, graded, 2 to 8 percent slopes-----	838	0.2
KgC	Kurten very gravelly fine sandy loam, 1 to 5 percent slopes-----	6,738	1.7
KuC	Kurten fine sandy loam, 1 to 5 percent slopes-----	3,860	1.0
LeB	Lexton clay, 1 to 3 percent slopes-----	2,735	0.7
LfA	Lufkin fine sandy loam, 0 to 1 percent slopes-----	5,868	1.4
LgB	Luling gravelly clay, 1 to 3 percent slopes-----	901	0.2
LuB	Luling clay, 1 to 3 percent slopes-----	6,982	1.7
LuC	Luling clay, 3 to 5 percent slopes-----	3,731	0.9
MaA	Mabank fine sandy loam, 0 to 1 percent slopes-----	4,078	1.0
MrB	Margie fine sandy loam, 1 to 3 percent slopes-----	1,574	0.4
NoC	Normangee clay loam, 1 to 5 percent slopes-----	3,141	0.8
NvA	Navasota clay, 0 to 1 percent slopes, frequently flooded-----	2,272	0.6
PdC	Padina loamy fine sand, 1 to 5 percent slopes-----	30,323	7.6
PdF	Padina loamy fine sand, 5 to 15 percent slopes-----	5,668	1.4
Pt	Pits and Dumps-----	493	0.1
RaB	Rader fine sandy loam, 1 to 3 percent slopes-----	8,492	2.1
ReC	Rehburg loamy fine sand, 1 to 5 percent slopes-----	1,250	0.3
RoB	Robco loamy fine sand, 1 to 3 percent slopes-----	24,270	6.1
RsC	Rosanky fine sandy loam, 1 to 5 percent slopes-----	4,277	1.1
SaA	Sandow loam, 0 to 1 percent slopes, frequently flooded-----	11,723	2.9
SmC	Silawa loamy fine sand, 1 to 5 percent slopes-----	2,887	0.7
SnC	Silstid loamy fine sand, 1 to 5 percent slopes-----	13,519	3.3
SnD	Silstid loamy fine sand, 5 to 8 percent slopes-----	3,842	0.9
SoC	Singleton fine sandy loam, 1 to 5 percent slopes-----	8,622	2.1
SpC	Spiller fine sandy loam, 1 to 5 percent slopes-----	1,726	0.4
TaB	Tabor fine sandy loam, 1 to 3 percent slopes-----	35,350	8.8
UcA	Uhland clay loam, 0 to 1 percent slopes, frequently flooded-----	5,236	1.3
UfA	Uhland fine sandy loam, 0 to 1 percent slopes, frequently flooded-----	17,185	4.2
W	Water-----	2,541	0.6
WgE	Winedale very gravelly fine sandy loam, 2 to 8 percent slopes-----	6,963	1.7
WnB	Wilson clay loam, 0 to 2 percent slopes-----	2,104	0.5

## Soil Survey of Lee County, Texas

Table 4.--Acreage and Proportionate Extent of the Soils--Continued

Map symbol	Soil name	Acres	Percent
WwA	Whitesboro loam, 0 to 1 percent slopes, frequently flooded-----	2,313	0.6
ZaC	Zack fine sandy loam, 1 to 5 percent slopes-----	15,938	3.9
ZaD	Zack fine sandy loam, 5 to 8 percent slopes-----	2,658	0.7
ZbA	Zilaboy clay, 0 to 1 percent slopes, frequently flooded-----	7,344	1.8
ZgC	Zack gravelly fine sandy loam, 1 to 5 percent slopes-----	7,715	1.9
ZuC	Zulch fine sandy loam, 1 to 5 percent slopes-----	9,886	2.4
	Total-----	404,755	100.0

# Soil Survey of Lee County, Texas

Table 5.--Prime Farmland

(Only the soils considered prime farmland are listed.)

Map Symbol	Map Unit Name
BeB	Benchley clay loam, 1 to 3 percent slopes
BeC	Benchley clay loam, 3 to 5 percent slopes
ChC	Chazos loamy fine sand, 1 to 5 percent slopes
GaB	Gasil fine sandy loam, 1 to 3 percent slopes
GsB	Gasil loamy fine sand, 1 to 3 percent slopes
LeB	Lexton clay, 1 to 3 percent slopes
LgB	Luling gravelly clay, 1 to 3 percent slopes
LuB	Luling clay, 1 to 3 percent slopes
LuC	Luling clay, 3 to 5 percent slopes
MrB	Margie fine sandy loam, 1 to 3 percent slopes
RaB	Rader fine sandy loam, 1 to 3 percent slopes
RsC	Rosanky fine sandy loam, 1 to 5 percent slopes
SmC	Silawa loamy fine sand, 1 to 5 percent slopes
SpC	Spiller fine sandy loam, 1 to 5 percent slopes

Table 6.--Land Capability and Crop Yields per Acre by Map Unit Component

(Yields in the "N" columns are for nonirrigated areas; those in the "I" columns are for irrigated areas. Yields are those that can be expected under a high level of management. Absence of a yield indicates that the soil is not suited to the crop or the crop generally is not grown on the soil.)

Map symbol and soil name	Land capability		Common bermudagrass		Corn		Cotton lint		Improved bermudagrass		Peanuts	
	N	I	N	I	N	I	N	I	N	I	N	I
			AUM	AUM	Bu	Bu	Lbs	Lbs	AUM	AUM	Lbs	Lbs
ArD: Arenosa-----	4s	---	---	---	---	---	---	---	3.00	---	---	---
BeB: Benchley-----	2e	---	---	---	65.00	---	400.00	---	8.00	---	---	---
BeC: Benchley-----	3e	---	---	---	65.00	---	400.00	---	8.00	---	---	---
BgB: Boonville-----	6e	---	---	---	50.00	---	---	---	6.00	---	---	---
BoB: Boonville-----	3e	---	---	---	50.00	---	---	---	6.00	---	---	---
BuC: Burlewash-----	4e	---	2.00	---	---	---	---	---	2.00	---	---	---
BwC: Burlewash-----	4e	---	5.00	---	---	---	---	---	6.00	---	---	---
BxG: Burlewash-----	6e	---	1.00	---	---	---	---	---	---	---	---	---
Koether-----	7s	---	---	---	---	---	---	---	---	---	---	---
CgB: Crockett-----	4e	---	4.00	---	50.00	---	200.00	---	5.50	---	---	---
ChC: Chazos-----	3e	---	5.00	---	55.00	---	---	---	7.00	---	1,300.00	---
CrC: Crockett-----	4e	---	4.00	---	50.00	---	200.00	---	5.50	---	---	---

Table 6.--Land Capability and Crop Yields per Acre by Map Unit Component--Continued

Map symbol and soil name	Land capability		Common bermudagrass		Corn		Cotton lint		Improved bermudagrass		Peanuts	
	N	I	N	I	N	I	N	I	N	I	N	I
			AUM	AUM	Bu	Bu	Lbs	Lbs	AUM	AUM	Lbs	Lbs
CrC2: Crockett, eroded---	4e	---	3.50	---	---	---	200.00	---	5.00	---	---	---
DuC: Dutek-----	3e	---	---	---	---	---	---	---	6.50	---	---	---
DwB: Davilla-----	2s	---	6.00	---	100.00	---	400.00	---	8.00	---	---	---
Wilson-----	3w	---	5.00	---	100.00	---	400.00	---	6.00	---	---	---
EdB: Edge-----	3e	---	4.00	---	---	---	---	---	5.50	---	---	---
EdC2: Edge-----	4e	---	4.00	---	---	---	---	---	5.50	---	---	---
EdD: Edge-----	6e	---	4.00	---	---	---	---	---	5.50	---	---	---
EgD: Edge-----	6e	---	4.00	---	55.00	---	---	---	6.00	---	---	---
Gullied land-----	7e	---	---	---	---	---	---	---	---	---	---	---
FaB: Faula-----	4s	---	---	---	---	---	---	---	4.00	---	1,100.00	---
GaB: Gasil-----	2e	---	6.00	---	---	---	300.00	---	7.50	---	---	---
GaD: Gasil-----	4e	---	6.00	---	---	---	300.00	---	7.50	---	---	---
GgC: Gredge-----	4e	---	5.00	---	50.00	---	---	---	6.00	---	---	---

Table 6.--Land Capability and Crop Yields per Acre by Map Unit Component--Continued

Map symbol and soil name	Land capability		Common bermudagrass		Corn		Cotton lint		Improved bermudagrass		Peanuts	
	N	I	N	I	N	I	N	I	N	I	N	I
GrC:			AUM	AUM	Bu	Bu	Lbs	Lbs	AUM	AUM	Lbs	Lbs
Gredge-----	4e	---	5.00	---	50.00	---	---	---	6.00	---	---	---
GsB:												
Gasil-----	3e	---	5.00	---	---	---	200.00	---	6.00	---	---	---
GsD:												
Gasil-----	4e	---	4.00	---	---	---	150.00	---	5.00	---	---	---
JeD:												
Jedd-----	6e	---	---	---	---	---	---	---	---	---	---	---
JeE:												
Jedd-----	6e	---	---	---	---	---	---	---	---	---	---	---
JeF:												
Jedd-----	6e	---	---	---	---	---	---	---	---	---	---	---
JgD:												
Jedd-----	6e	---	---	---	---	---	---	---	---	---	---	---
KgC:												
Kurten-----	4e	---	5.00	---	50.00	---	250.00	---	5.00	---	---	---
KuC:												
Kurten-----	4e	---	---	---	---	---	---	---	4.00	---	---	---
LeB:												
Lexton-----	2e	---	---	---	---	---	---	---	8.00	---	---	---
LfA:												
Lufkin-----	3w	---	4.00	---	---	---	200.00	---	5.00	---	---	---
LgB:												
Luling-----	2e	---	---	---	90.00	---	600.00	---	4.50	---	---	---
LuB:												
Luling-----	2e	---	---	---	90.00	---	450.00	---	7.00	---	---	---



Table 6.--Land Capability and Crop Yields per Acre by Map Unit Component--Continued

Map symbol and soil name	Land capability		Common bermudagrass		Corn		Cotton lint		Improved bermudagrass		Peanuts	
	N	I	N	I	N	I	N	I	N	I	N	I
			AUM	AUM	Bu	Bu	Lbs	Lbs	AUM	AUM	Lbs	Lbs
LuC: Luling-----	3e	---	---	---	60.00	---	350.00	---	6.00	---	---	---
MaA: Mabank-----	3w	---	---	---	55.00	---	330.00	---	6.00	---	---	---
MrB: Margie-----	3e	---	6.00	---	50.00	---	250.00	---	7.00	---	---	---
NoC: Normangee-----	4e	---	---	---	50.00	---	225.00	---	7.00	---	---	---
NvA: Navasota-----	5w	---	2.00	---	---	---	---	---	2.00	---	---	---
PdC: Padina-----	3e	---	---	---	---	---	---	---	7.00	---	1,000.00	---
PdF: Padina-----	6e	---	---	---	---	---	---	---	5.00	---	---	---
Pt: Pits and Dumps-----	---	---	---	---	---	---	---	---	---	---	---	---
RaB: Rader-----	2e	---	6.00	---	60.00	---	200.00	---	7.00	---	---	---
ReC: Rehburg-----	3e	---	4.00	---	50.00	---	---	---	6.00	---	---	---
RoB: Robco-----	3e	---	---	---	65.00	---	---	---	---	---	---	---
RsC: Rosanky-----	3e	---	6.00	---	60.00	---	250.00	---	7.00	---	---	---
SaA: Sandow-----	5w	---	---	---	---	---	---	---	7.00	---	---	---

Table 6.--Land Capability and Crop Yields per Acre by Map Unit Component--Continued

Map symbol and soil name	Land capability		Common bermudagrass		Corn		Cotton lint		Improved bermudagrass		Peanuts	
	N	I	N	I	N	I	N	I	N	I	N	I
SmC:			AUM	AUM	Bu	Bu	Lbs	Lbs	AUM	AUM	Lbs	Lbs
Silawa-----	3e	---	---	---	70.00	---	300.00	---	7.00	---	---	---
SnC:												
Silstid-----	3e	---	---	---	---	---	---	---	7.00	---	---	---
SnD:												
Silstid-----	3e	---	---	---	---	---	---	---	7.00	---	---	---
SoC:												
Singleton-----	4e	---	3.00	---	---	---	---	---	5.00	---	---	---
SpC:												
Spiller-----	3e	---	6.00	---	---	---	---	---	7.00	---	---	---
TaB:												
Tabor-----	3e	---	---	---	---	---	---	---	6.50	---	---	---
UcA:												
Uhland-----	5w	---	7.00	---	---	---	---	---	8.00	---	---	---
UfA:												
Uhland-----	5w	---	7.00	---	---	---	---	---	8.00	---	---	---
W:												
Water-----	---	---	---	---	---	---	---	---	---	---	---	---
WgE:												
Winedale-----	4e	---	6.00	---	50.00	---	250.00	---	6.50	---	---	---
WnB:												
Wilson-----	3w	---	5.00	---	60.00	---	350.00	---	6.00	---	---	---
WwA:												
Whitesboro-----	5w	---	6.50	---	---	---	---	---	8.00	---	---	---
ZaC:												
Zack-----	4e	---	1.00	---	---	---	---	---	3.00	---	---	---

Table 6.--Land Capability and Crop Yields per Acre by Map Unit Component--Continued

Map symbol and soil name	Land capability		Common bermudagrass		Corn		Cotton lint		Improved bermudagrass		Peanuts	
	N	I	N	I	N	I	N	I	N	I	N	I
ZaD: Zack-----	6e	---	AUM	AUM	Bu	Bu	Lbs	Lbs	AUM	AUM	Lbs	Lbs
ZbA: Zilaboy-----	5w	---	5.00	---	---	---	---	---	6.00	---	---	---
ZgC: Zack-----	4e	---	5.00	---	---	---	---	---	6.00	---	---	---
ZuC: Zulch-----	4e	---	---	---	---	---	---	---	4.00	---	---	---

# Soil Survey of Lee County, Texas

Table 7.--Rangeland Productivity

(Only the soils that support rangeland vegetation suitable for grazing are rated.)

Map symbol and soil name	Ecological site	Total dry-weight production		
		Favorable year	Normal year	Unfavorable year
		Lb/acre	Lb/acre	Lb/acre
ArD: Arenosa-----	Very Deep Sand PE 48-68	3,500	2,500	1,500
BeB: Benchley-----	Clay Loam PE 44-64	6,000	5,000	3,000
BeC: Benchley-----	Clay Loam PE 44-64	6,000	5,000	3,000
BgB: Boonville-----	Claypan Prairie PE 44-64	6,000	5,000	4,000
BoB: Boonville-----	Claypan Prairie PE 44-64	6,000	5,000	4,000
BuC: Burlewash-----	Claypan Savannah PE 48-68	4,500	3,000	2,000
BwC: Burlewash-----	Claypan Savannah PE 48-68	4,500	3,000	2,000
BxG: Burlewash-----	Claypan Savannah PE 48-68	3,000	2,000	1,000
	Koether-----	1,500	1,000	500
CgB: Crockett-----	Claypan Prairie PE 44-64	6,000	5,000	3,000
ChC: Chazos-----	Sandy Loam PE 48-68	5,500	4,500	3,000
CrC: Crockett-----	Claypan Prairie PE 44-64	6,000	5,000	3,000
CrC2: Crockett, eroded-----	Claypan Prairie PE 44-64	4,000	3,000	2,000
DuC: Dutek-----	Sandy PE 48-68	4,500	4,000	2,000
DwB: Davilla-----	Claypan Prairie PE 44-64	6,000	5,000	3,000
	Wilson-----	6,000	4,500	3,000
EdB: Edge-----	Claypan Savannah PE 48-68	5,000	3,500	2,500
EdC2: Edge-----	Claypan Savannah PE 48-68	5,000	3,500	2,500
EdD: Edge-----	Claypan Savannah PE 48-68	5,000	3,500	2,500

Soil Survey of Lee County, Texas

Table 7.--Rangeland Productivity--Continued

Map symbol and soil name	Ecological site	Total dry-weight production		
		Favorable year	Normal year	Unfavorable year
		Lb/acre	Lb/acre	Lb/acre
EgD: Edge-----	Claypan Savannah PE 48-68	5,000	3,500	2,500
Gullied land-----	---	---	---	---
FaB: Faula-----	Deep Sand PE 48-68	4,000	2,800	2,000
GaB: Gasil-----	Sandy Loam PE 48-68	5,500	4,000	3,500
GaD: Gasil-----	Sandy Loam PE 48-68	5,500	4,000	3,500
GgC: Gredge-----	Claypan Savannah PE 48-68	5,000	3,500	2,500
GrC: Gredge-----	Claypan Savannah PE 48-68	5,000	3,500	2,500
GsB: Gasil-----	Sandy Loam PE 48-68	5,500	4,000	3,500
GsD: Gasil-----	Sandy Loam PE 48-68	5,500	4,000	3,500
JeD: Jedd-----	Sandstone Hill PE 48-68	4,000	3,200	2,000
JeE: Jedd-----	Sandstone Hill PE 48-68	4,000	3,200	2,000
JeF: Jedd-----	Sandstone Hill PE 48-68	6,500	5,000	3,500
JgD: Jedd-----	Sandstone Hill PE 48-68	4,000	3,200	2,000
KgC: Kurten-----	Claypan Savannah PE 48-68	5,000	4,000	2,500
KuC: Kurten-----	Claypan Savannah PE 48-68	5,000	3,500	2,500
LeB: Lexton-----	Deep Redland PE 48-68	5,000	4,000	2,200
LfA: Lufkin-----	Claypan Savannah PE 48-68	5,000	4,000	2,500
LgB: Luling-----	Blackland PE 44-64	6,500	4,000	2,500
LuB: Luling-----	Blackland PE 44-64	7,000	6,000	3,500

Soil Survey of Lee County, Texas

Table 7.--Rangeland Productivity--Continued

Map symbol and soil name	Ecological site	Total dry-weight production		
		Favorable year	Normal year	Unfavorable year
		Lb/acre	Lb/acre	Lb/acre
LuC: Luling-----	Blackland PE 44-64	7,000	6,000	3,500
MaA: Mabank-----	Claypan Prairie PE 44-64	6,000	5,000	3,000
MrB: Margie-----	Deep Redland PE 48-68	6,000	4,500	3,000
NoC: Normangee-----	Claypan Prairie PE 44-64	5,500	4,000	3,000
NVA: Navasota-----	Clayey Bottomland PE 44-64	4,500	3,500	2,500
PdC: Padina-----	Deep Sand PE 48-68	4,500	3,500	2,250
PdF: Padina-----	Deep Sand PE 48-68	4,500	3,500	2,250
Pt: Pits and Dumps-----	---	---	---	---
RaB: Rader-----	Sandy Loam PE 48-68	6,000	4,500	3,500
ReC: Rehburg-----	Sandy PE 48-68	4,000	3,000	1,500
RoB: Robco-----	Sandy PE 48-68	3,600	3,000	2,600
RsC: Rosanky-----	Sandy Loam PE 48-68	6,000	4,500	3,000
SaA: Sandow-----	Loamy Bottomland PE 48-68	8,000	5,500	4,000
SmC: Silawa-----	Sandy Loam PE 48-68	5,500	4,500	2,500
SnC: Silstid-----	Sandy PE 48-68	4,500	4,000	2,000
SnD: Silstid-----	Sandy PE 48-68	4,500	4,000	2,000
SoC: Singleton-----	Claypan Savannah PE 48-68	5,000	4,000	2,500
SpC: Spiller-----	Sandy Loam PE 48-68	6,000	4,500	3,000
TaB: Tabor-----	Sandy Loam PE 48-68	6,500	5,500	3,500

Soil Survey of Lee County, Texas

Table 7.--Rangeland Productivity--Continued

Map symbol and soil name	Ecological site	Total dry-weight production		
		Favorable year	Normal year	Unfavorable year
		Lb/acre	Lb/acre	Lb/acre
UcA: Uhland-----	Loamy Bottomland PE 48-68	7,500	6,500	4,000
UfA: Uhland-----	Loamy Bottomland PE 48-68	7,500	6,500	4,000
W: Water-----	---	---	---	---
WgE: Winedale-----	Claypan Savannah PE 48-68	4,500	3,000	2,000
WnB: Wilson-----	Claypan Prairie PE 44-64	6,000	4,500	3,000
WwA: Whitesboro-----	Loamy Bottomland PE 48-68	9,000	8,000	6,500
ZaC: Zack-----	Claypan Savannah PE 48-68	5,000	3,500	2,000
ZaD: Zack-----	Claypan Savannah PE 48-68	5,000	3,500	2,000
ZbA: Zilaboy-----	Clayey Bottomland PE 44-64	6,500	5,500	2,500
ZgC: Zack-----	Claypan Savannah PE 48-68	5,000	3,500	2,000
ZuC: Zulch-----	Claypan Prairie PE 44-64	5,000	4,000	3,500

## Soil Survey of Lee County, Texas

Table 8.--Camp Areas, Picnic Areas, and Playgrounds

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Camp areas		Picnic areas		Playgrounds	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ArD: Arenosa-----	100	Very limited Too sandy	1.00	Very limited Too sandy	1.00	Very limited Too sandy Slope	1.00 0.88
BeB: Benchley-----	100	Somewhat limited Slow water movement	0.39	Somewhat limited Slow water movement	0.39	Somewhat limited Slow water movement	0.39
BeC: Benchley-----	100	Somewhat limited Slow water movement	0.39	Somewhat limited Slow water movement	0.39	Somewhat limited Slope Slow water movement	0.50 0.39
BgB: Boonville-----	100	Very limited Depth to saturated zone Slow water movement	1.00 1.00	Very limited Depth to saturated zone Slow water movement	1.00 1.00	Very limited Depth to saturated zone Slow water movement	1.00 1.00
BoB: Boonville-----	100	Very limited Depth to saturated zone Slow water movement	1.00 1.00	Very limited Depth to saturated zone Slow water movement	1.00 1.00	Very limited Depth to saturated zone Slow water movement	1.00 1.00
BuC: Burlewash-----	100	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement	0.45	Somewhat limited Depth to bedrock Slow water movement Slope	0.71 0.45 0.12
BwC: Burlewash-----	85	Somewhat limited Gravel content Slow water movement	0.47 0.45	Somewhat limited Gravel content Slow water movement	0.47 0.45	Very limited Gravel content Slow water movement Slope	1.00 0.45 0.12



Soil Survey of Lee County, Texas

Table 8.--Camp Areas, Picnic Areas, and Playgrounds--Continued

Map symbol and soil name	Pct. of map unit	Camp areas		Picnic areas		Playgrounds	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
BxG: Burlewash-----	50	Very limited Large stones content Slope Slow water movement	1.00 1.00 0.45	Very limited Large stones content Slope Slow water movement	1.00 1.00 0.45	Very limited Large stones content Slope Depth to bedrock	1.00 1.00 0.71
Koether-----	50	Very limited Large stones content Slope Depth to bedrock	1.00 1.00 1.00	Very limited Large stones content Slope Depth to bedrock	1.00 1.00 1.00	Very limited Large stones content Slope Depth to bedrock	1.00 1.00 1.00
CgB: Crockett-----	100	Somewhat limited Slow water movement Gravel content	0.45 0.02	Somewhat limited Slow water movement Gravel content	0.45 0.02	Very limited Gravel content Slow water movement Slope	1.00 0.45 0.12
ChC: Chazos-----	100	Somewhat limited Too sandy Slow water movement	0.94 0.39	Somewhat limited Too sandy Slow water movement	0.94 0.39	Somewhat limited Too sandy Slow water movement Slope	0.94 0.39 0.12
CrC: Crockett-----	100	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement Slope	0.45 0.12
CrC2: Crockett, eroded----	100	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement	0.45	Somewhat limited Slope Slow water movement	0.50 0.45
DuC: Dutek-----	100	Somewhat limited Too sandy	0.92	Somewhat limited Too sandy	0.92	Somewhat limited Too sandy Slope	0.92 0.12
DwB: Davilla-----	55	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement	0.45
Wilson-----	45	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement	0.45

Soil Survey of Lee County, Texas

Table 8.--Camp Areas, Picnic Areas, and Playgrounds--Continued

Map symbol and soil name	Pct. of map unit	Camp areas		Picnic areas		Playgrounds	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
EdB: Edge-----	80	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement	0.45
EdC2: Edge-----	80	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement	0.45	Somewhat limited Slope  Slow water movement	0.50  0.45
EdD: Edge-----	80	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement	0.45	Very limited Slope  Slow water movement	1.00  0.45
EgD: Edge-----	50	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement	0.45	Somewhat limited Slope  Slow water movement	0.88  0.45
Gullied land-----	50	Not rated		Not rated		Not rated	
FaB: Faula-----	100	Very limited Too sandy	1.00	Very limited Too sandy	1.00	Very limited Too sandy Slope	1.00 0.12
GaB: Gasil-----	100	Not limited		Not limited		Not limited	
GaD: Gasil-----	100	Not limited		Not limited		Somewhat limited Slope	0.88
GgC: Gredge-----	100	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement Slope	0.45 0.12
GrC: Gredge-----	100	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement Slope	0.45 0.12
GsB: Gasil-----	100	Somewhat limited Too sandy	0.87	Somewhat limited Too sandy	0.87	Somewhat limited Too sandy	0.87

Soil Survey of Lee County, Texas

Table 8.--Camp Areas, Picnic Areas, and Playgrounds--Continued

Map symbol and soil name	Pct. of map unit	Camp areas		Picnic areas		Playgrounds	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
GsD: Gasil-----	100	Somewhat limited Too sandy	0.87	Somewhat limited Too sandy	0.87	Very limited Slope Too sandy	1.00 0.87
JeD: Jedd-----	100	Very limited Large stones content	1.00	Very limited Large stones content	1.00	Very limited Large stones content Slope Depth to bedrock	1.00 1.00 0.84
JeE: Jedd-----	100	Very limited Large stones content Slope	1.00 0.84	Very limited Large stones content Slope	1.00 0.84	Very limited Large stones content Slope Depth to bedrock	1.00 1.00 0.84
JeF: Jedd-----	80	Somewhat limited Slope	0.96	Somewhat limited Slope	0.96	Very limited Slope Depth to bedrock	1.00 0.65
JgD: Jedd-----	100	Very limited Large stones content	1.00	Very limited Large stones content	1.00	Very limited Large stones content Slope Depth to bedrock	1.00 1.00 0.84
KgC: Kurten-----	100	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement Slope	0.45 0.12
KuC: Kurten-----	100	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement Slope	0.45 0.12
LeB: Lexton-----	100	Not limited		Not limited		Not limited	
LfA: Lufkin-----	90	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement	0.45

Soil Survey of Lee County, Texas

Table 8.--Camp Areas, Picnic Areas, and Playgrounds--Continued

Map symbol and soil name	Pct. of map unit	Camp areas		Picnic areas		Playgrounds	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
LgB: Luling-----	80	Somewhat limited Too clayey Slow water movement	0.50 0.45	Somewhat limited Too clayey Slow water movement	0.50 0.45	Somewhat limited Too clayey Slow water movement	0.50 0.45
LuB: Luling-----	100	Somewhat limited Too clayey Slow water movement	0.50 0.45	Somewhat limited Too clayey Slow water movement	0.50 0.45	Somewhat limited Too clayey Slow water movement	0.50 0.45
LuC: Luling-----	100	Somewhat limited Too clayey Slow water movement	0.50 0.45	Somewhat limited Too clayey Slow water movement	0.50 0.45	Somewhat limited Slope Too clayey  Slow water movement	0.50 0.50  0.45
MaA: Mabank-----	90	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement	0.45
MrB: Margie-----	100	Not limited		Not limited		Not limited	
NoC: Normangee-----	100	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement Slope	0.45 0.12
NvA: Navasota-----	85	Very limited Flooding  Slow water movement Too clayey	1.00 1.00 1.00	Very limited Slow water movement Too clayey Depth to saturated zone	1.00 1.00 0.48	Very limited Flooding  Slow water movement Too clayey	1.00 1.00 1.00
PdC: Padina-----	100	Somewhat limited Too sandy	0.96	Somewhat limited Too sandy	0.96	Somewhat limited Too sandy Slope	0.96 0.12
PdF: Padina-----	100	Somewhat limited Too sandy Slope	0.96 0.16	Somewhat limited Too sandy Slope	0.96 0.16	Very limited Slope Too sandy	1.00 0.96
Pt: Pits and Dumps-----	100	Not rated		Not rated		Not rated	

Soil Survey of Lee County, Texas

Table 8.--Camp Areas, Picnic Areas, and Playgrounds--Continued

Map symbol and soil name	Pct. of map unit	Camp areas		Picnic areas		Playgrounds	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
RaB: Rader-----	100	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement	0.45
ReC: Rehburg-----	100	Somewhat limited Too sandy Slow water movement	0.94 0.45	Somewhat limited Too sandy Slow water movement	0.94 0.45	Somewhat limited Too sandy Slow water movement Slope	0.94 0.45 0.12
RoB: Robco-----	100	Somewhat limited Too sandy	0.96	Somewhat limited Too sandy	0.96	Somewhat limited Too sandy	0.96
RsC: Rosanky-----	100	Not limited		Not limited		Somewhat limited Slope Gravel content	0.12 0.05
SaA: Sandow-----	90	Very limited Flooding	1.00	Somewhat limited Flooding	0.40	Very limited Flooding	1.00
SmC: Silawa-----	100	Not limited		Not limited		Somewhat limited Slope	0.12
SnC: Silstid-----	100	Somewhat limited Too sandy	0.92	Somewhat limited Too sandy	0.92	Somewhat limited Too sandy Slope	0.92 0.12
SnD: Silstid-----	100	Somewhat limited Too sandy	0.92	Somewhat limited Too sandy	0.92	Very limited Slope Too sandy	1.00 0.92
SoC: Singleton-----	100	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement Slope Depth to bedrock	0.45 0.12 0.03
SpC: Spiller-----	100	Somewhat limited Too sandy Slow water movement	0.79 0.39	Somewhat limited Too sandy Slow water movement	0.79 0.39	Somewhat limited Too sandy Slow water movement Slope	0.79 0.39 0.12

Soil Survey of Lee County, Texas

Table 8.--Camp Areas, Picnic Areas, and Playgrounds--Continued

Map symbol and soil name	Pct. of map unit	Camp areas		Picnic areas		Playgrounds	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
TaB: Tabor-----	100	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement Gravel content	0.45 0.06
UcA: Uhland-----	90	Very limited Flooding	1.00	Somewhat limited Flooding	0.40	Very limited Flooding	1.00
UfA: Uhland-----	90	Very limited Flooding	1.00	Somewhat limited Flooding	0.40	Very limited Flooding	1.00
W: Water-----	100	Not rated		Not rated		Not rated	
WgE: Winedale-----	100	Somewhat limited Gravel content Slow water movement	0.47 0.45	Somewhat limited Gravel content Slow water movement	0.47 0.45	Very limited Gravel content Slope Slow water movement	1.00 0.88 0.45
WnB: Wilson-----	90	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement	0.45
WwA: Whitesboro-----	90	Very limited Flooding	1.00	Somewhat limited Flooding	0.40	Very limited Flooding	1.00
ZaC: Zack-----	85	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement Slope	0.45 0.12
ZaD: Zack-----	100	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement	0.45	Very limited Slope Slow water movement	1.00 0.45
ZbA: Zilaboy-----	75	Very limited Flooding Slow water movement Too clayey	1.00 1.00 1.00	Very limited Slow water movement Too clayey Flooding	1.00 1.00 0.40	Very limited Flooding Slow water movement Too clayey	1.00 1.00 1.00

# Soil Survey of Lee County, Texas

Table 8.--Camp Areas, Picnic Areas, and Playgrounds--Continued

Map symbol and soil name	Pct. of map unit	Camp areas		Picnic areas		Playgrounds	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ZgC: Zack-----	85	Somewhat limited Gravel content Slow water movement	0.47 0.45	Somewhat limited Gravel content Slow water movement	0.47 0.45	Very limited Gravel content Slow water movement Slope	1.00 0.45 0.12
ZuC: Zulch-----	100	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement	0.45	Somewhat limited Slow water movement Slope	0.45 0.12

# Soil Survey of Lee County, Texas

Table 9.--Paths, Trails, and Golf Course Fairways

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Paths and trails		Off-road motorcycle trails		Golf course fairways	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ArD: Arenosa-----	100	Very limited Too sandy	1.00	Very limited Too sandy	1.00	Somewhat limited Droughty	0.99
BeB: Benchley-----	100	Not limited		Not limited		Not limited	
BeC: Benchley-----	100	Not limited		Not limited		Not limited	
BgB: Boonville-----	100	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
BoB: Boonville-----	100	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
BuC: Burlewash-----	100	Not limited		Not limited		Somewhat limited Depth to bedrock Droughty	0.71 0.21
BwC: Burlewash-----	85	Not limited		Not limited		Somewhat limited Gravel content Depth to bedrock	0.47 0.06
BxG: Burlewash-----	50	Very limited Large stones content Water erosion Slope	1.00 1.00 0.18	Very limited Large stones content Water erosion	1.00 1.00	Very limited Slope Depth to bedrock Droughty	1.00 0.71 0.21
Koether-----	50	Very limited Large stones content Too sandy Slope	1.00 0.79 0.18	Very limited Large stones content Too sandy	1.00 0.79	Very limited Large stones content Droughty Depth to bedrock	1.00 1.00 1.00
CgB: Crockett-----	100	Not limited		Not limited		Somewhat limited Large stones content Gravel content	0.03 0.02



Soil Survey of Lee County, Texas

Table 9.--Paths, Trails, and Golf Course Fairways--Continued

Map symbol and soil name	Pct. of map unit	Paths and trails		Off-road motorcycle trails		Golf course fairways	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ChC: Chazos-----	100	Somewhat limited Too sandy	0.94	Somewhat limited Too sandy	0.94	Not limited	
CrC: Crockett-----	100	Not limited		Not limited		Not limited	
CrC2: Crockett, eroded----	100	Not limited		Not limited		Not limited	
DuC: Dutek-----	100	Somewhat limited Too sandy	0.92	Somewhat limited Too sandy	0.92	Somewhat limited Droughty	0.10
DwB: Davilla-----	55	Not limited		Not limited		Not limited	
Wilson-----	45	Not limited		Not limited		Not limited	
EdB: Edge-----	80	Not limited		Not limited		Not limited	
EdC2: Edge-----	80	Not limited		Not limited		Not limited	
EdD: Edge-----	80	Not limited		Not limited		Not limited	
EgD: Edge-----	50	Not limited		Not limited		Not limited	
Gullied land-----	50	Not rated		Not rated		Not rated	
FaB: Faula-----	100	Very limited Too sandy	1.00	Very limited Too sandy	1.00	Somewhat limited Droughty	0.61
GaB: Gasil-----	100	Not limited		Not limited		Not limited	
GaD: Gasil-----	100	Not limited		Not limited		Not limited	
GgC: Gredge-----	100	Not limited		Not limited		Not limited	
GrC: Gredge-----	100	Not limited		Not limited		Not limited	
GsB: Gasil-----	100	Somewhat limited Too sandy	0.87	Somewhat limited Too sandy	0.87	Not limited	

Soil Survey of Lee County, Texas

Table 9.--Paths, Trails, and Golf Course Fairways--Continued

Map symbol and soil name	Pct. of map unit	Paths and trails		Off-road motorcycle trails		Golf course fairways	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
GsD: Gasil-----	100	Somewhat limited Too sandy	0.87	Somewhat limited Too sandy	0.87	Not limited	
JeD: Jedd-----	100	Very limited Large stones content	1.00	Very limited Large stones content	1.00	Somewhat limited Large stones content Depth to bedrock Droughty	0.95 0.84 0.12
JeE: Jedd-----	100	Very limited Large stones content	1.00	Very limited Large stones content	1.00	Somewhat limited Large stones content Depth to bedrock Slope	0.95 0.84 0.84
JeF: Jedd-----	80	Not limited		Not limited		Somewhat limited Slope Depth to bedrock Droughty	0.96 0.65 0.01
JgD: Jedd-----	100	Very limited Large stones content	1.00	Very limited Large stones content	1.00	Somewhat limited Large stones content Depth to bedrock Droughty	0.95 0.84 0.12
KgC: Kurten-----	100	Not limited		Not limited		Not limited	
KuC: Kurten-----	100	Not limited		Not limited		Not limited	
LeB: Lexton-----	100	Not limited		Not limited		Not limited	
LfA: Lufkin-----	90	Not limited		Not limited		Not limited	
LgB: Luling-----	80	Somewhat limited Too clayey	0.50	Somewhat limited Too clayey	0.50	Very limited Too clayey	1.00
LuB: Luling-----	100	Somewhat limited Too clayey	0.50	Somewhat limited Too clayey	0.50	Very limited Too clayey	1.00
LuC: Luling-----	100	Somewhat limited Too clayey	0.50	Somewhat limited Too clayey	0.50	Very limited Too clayey	1.00

Soil Survey of Lee County, Texas

Table 9.--Paths, Trails, and Golf Course Fairways--Continued

Map symbol and soil name	Pct. of map unit	Paths and trails		Off-road motorcycle trails		Golf course fairways	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
MaA: Mabank-----	90	Not limited		Not limited		Not limited	
MrB: Margie-----	100	Not limited		Not limited		Not limited	
NoC: Normangee-----	100	Not limited		Not limited		Not limited	
NVA: Navasota-----	85	Very limited Too clayey Flooding Depth to saturated zone	1.00 0.40 0.11	Very limited Too clayey Flooding Depth to saturated zone	1.00 0.40 0.11	Very limited Flooding Too clayey Depth to saturated zone	1.00 1.00 0.48
PdC: Padina-----	100	Somewhat limited Too sandy	0.96	Somewhat limited Too sandy	0.96	Somewhat limited Droughty	0.56
PdF: Padina-----	100	Somewhat limited Too sandy	0.96	Somewhat limited Too sandy	0.96	Somewhat limited Droughty Slope	0.56 0.16
Pt: Pits and Dumps-----	100	Not rated		Not rated		Not rated	
RaB: Rader-----	100	Not limited		Not limited		Not limited	
ReC: Rehburg-----	100	Somewhat limited Too sandy	0.94	Somewhat limited Too sandy	0.94	Somewhat limited Droughty	0.21
RoB: Robco-----	100	Somewhat limited Too sandy	0.96	Somewhat limited Too sandy	0.96	Somewhat limited Droughty	0.05
RsC: Rosanky-----	100	Not limited		Not limited		Not limited	
SaA: Sandow-----	90	Somewhat limited Flooding	0.40	Somewhat limited Flooding	0.40	Very limited Flooding	1.00
SmC: Silawa-----	100	Not limited		Not limited		Not limited	
SnC: Silstid-----	100	Somewhat limited Too sandy	0.92	Somewhat limited Too sandy	0.92	Somewhat limited Droughty	0.25
SnD: Silstid-----	100	Somewhat limited Too sandy	0.92	Somewhat limited Too sandy	0.92	Somewhat limited Droughty	0.25

Soil Survey of Lee County, Texas

Table 9.--Paths, Trails, and Golf Course Fairways--Continued

Map symbol and soil name	Pct. of map unit	Paths and trails		Off-road motorcycle trails		Golf course fairways	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
SoC: Singleton-----	100	Not limited		Not limited		Somewhat limited Depth to bedrock	0.03
SpC: Spiller-----	100	Somewhat limited Too sandy	0.79	Somewhat limited Too sandy	0.79	Not limited	
TaB: Tabor-----	100	Not limited		Not limited		Not limited	
UcA: Uhland-----	90	Somewhat limited Flooding	0.40	Somewhat limited Flooding	0.40	Very limited Flooding	1.00
UfA: Uhland-----	90	Somewhat limited Flooding	0.40	Somewhat limited Flooding	0.40	Very limited Flooding	1.00
W: Water-----	100	Not rated		Not rated		Not rated	
WgE: Winedale-----	100	Not limited		Not limited		Somewhat limited Gravel content	0.47
WnB: Wilson-----	90	Not limited		Not limited		Not limited	
WwA: Whitesboro-----	90	Somewhat limited Flooding	0.40	Somewhat limited Flooding	0.40	Very limited Flooding	1.00
ZaC: Zack-----	85	Not limited		Not limited		Not limited	
ZaD: Zack-----	100	Not limited		Not limited		Not limited	
ZbA: Zilaboy-----	75	Very limited Too clayey Flooding	1.00 0.40	Very limited Too clayey Flooding	1.00 0.40	Very limited Flooding Too clayey Depth to saturated zone	1.00 1.00 0.19
ZgC: Zack-----	85	Not limited		Not limited		Somewhat limited Gravel content	0.47
ZuC: Zulch-----	100	Not limited		Not limited		Not limited	

Soil Survey of Lee County, Texas

Table 10.--Grain and Seed Crops, Domestic Grasses, and Irrigated Grain and Seed Crops for Wildlife Habitat

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Grain and seed crops for food and cover		Domestic grasses and legumes for food and cover		Irrigated grain and seed crops for food and cover	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ArD: Arenosa-----	85	Very limited Droughty HEL wind Too sandy	1.00 1.00 1.00	Somewhat limited Droughty Too sandy	0.99 0.50	Very limited Droughty HEL wind Too sandy Slope	1.00 1.00 0.50 0.12
BeB: Benchley-----	85	Somewhat limited Percs slowly Too clayey	0.17 0.01	Somewhat limited Percs slowly Too clayey	0.17 0.01	Somewhat limited Percs slowly Too clayey	0.17 0.01
BeC: Benchley-----	90	Very limited Potentially or highly erodible Percs slowly Too clayey	1.00 0.17 0.01	Very limited Potentially or highly erodible Percs slowly Too clayey	1.00 0.17 0.01	Very limited Potentially or highly erodible Percs slowly Too clayey	1.00 0.17 0.01
BgB: Boonville-----	90	Very limited Wetness Potentially or highly erodible Percs slowly Droughty	1.00 1.00 0.50 0.04	Very limited Wetness Potentially or highly erodible Percs slowly	1.00 1.00 0.50	Very limited Wetness Potentially or highly erodible Percs slowly Droughty	1.00 1.00 0.50 0.04
BoB: Boonville-----	90	Very limited Wetness Potentially or highly erodible Percs slowly Droughty	1.00 1.00 0.50 0.04	Very limited Wetness Potentially or highly erodible Percs slowly	1.00 1.00 0.50	Very limited Wetness Potentially or highly erodible Percs slowly Droughty	1.00 1.00 0.50 0.04
BuC: Burlwash-----	85	Very limited Potentially or highly erodible Droughty Bedrock Percs slowly	1.00 1.00 0.71 0.50	Very limited Potentially or highly erodible Bedrock Percs slowly Droughty	1.00 0.71 0.50 0.20	Very limited Potentially or highly erodible Droughty Bedrock Percs slowly	1.00 1.00 0.71 0.50

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Table 10.--Grain and Seed Crops, Domestic Grasses, and Irrigated Grain and Seed Crops for Wildlife Habitat--Continued

Map symbol and soil name	Pct. of map unit	Grain and seed crops for food and cover		Domestic grasses and legumes for food and cover		Irrigated grain and seed crops for food and cover	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
BwC: Burlewash-----	85	Very limited Potentially or highly erodible Too gravelly, cobbly, or stony Percs slowly Droughty Bedrock	1.00 0.55 0.50 0.19 0.06	Very limited Potentially or highly erodible Too gravelly, cobbly, or stony Percs slowly Bedrock	1.00 0.55 0.50 0.06	Very limited Potentially or highly erodible Too gravelly, cobbly, or stony Percs slowly Droughty Bedrock	1.00 0.55 0.50 0.19 0.06
BxG: Koether-----	50	Very limited Droughty Bedrock  Potentially or highly erodible Too gravelly, cobbly, or stony Too sandy	1.00 1.00  1.00 1.00 0.50	Very limited Droughty Potentially or highly erodible Bedrock Too gravelly, cobbly, or stony Too sandy	1.00 1.00 1.00 1.00 0.50	Very limited Droughty Slope Bedrock Potentially or highly erodible Too gravelly, cobbly, or stony	1.00 1.00 1.00 1.00 1.00
Burlewash-----	35	Very limited Potentially or highly erodible Droughty  Bedrock Percs slowly Slope	1.00 1.00  0.71 0.50 0.08	Very limited Potentially or highly erodible Bedrock Percs slowly Droughty Slope	1.00 0.71 0.50 0.20 0.08	Very limited Slope Potentially or highly erodible Droughty Bedrock Percs slowly	1.00 1.00 1.00 0.71 0.50
CgB: Crockett-----	90	Very limited Potentially or highly erodible Droughty Percs slowly  Too gravelly, cobbly, or stony	1.00 0.88 0.50  0.36	Very limited Potentially or highly erodible Percs slowly Too gravelly, cobbly, or stony	1.00 0.50 0.36	Very limited Potentially or highly erodible Droughty Percs slowly  Too gravelly, cobbly, or stony	1.00 0.88 0.50  0.36
ChC: Chazos-----	90	Very limited Potentially or highly erodible Droughty Too sandy Percs slowly	1.00 0.61 0.50 0.17	Very limited Potentially or highly erodible Too sandy Percs slowly	1.00 0.50 0.17	Very limited Potentially or highly erodible Droughty Percs slowly	1.00 0.61 0.17

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Table 10.--Grain and Seed Crops, Domestic Grasses, and Irrigated Grain and Seed Crops for Wildlife Habitat--Continued

Map symbol and soil name	Pct. of map unit	Grain and seed crops for food and cover		Domestic grasses and legumes for food and cover		Irrigated grain and seed crops for food and cover	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
CrC: Crockett-----	90	Very limited Potentially or highly erodible Droughty Percs slowly	1.00 0.68 0.50	Very limited Potentially or highly erodible Percs slowly	1.00 0.50	Very limited Potentially or highly erodible Droughty Percs slowly	1.00 0.68 0.50
CrC2: Crockett, eroded----	90	Very limited Potentially or highly erodible Droughty Percs slowly	1.00 0.68 0.50	Very limited Potentially or highly erodible Percs slowly	1.00 0.50	Very limited Potentially or highly erodible Droughty Percs slowly	1.00 0.68 0.50
DuC: Dutek-----	85	Very limited Potentially or highly erodible Droughty Too sandy	1.00 1.00 0.50	Very limited Potentially or highly erodible Too sandy Droughty	1.00 0.50 0.08	Very limited Potentially or highly erodible Droughty	1.00 1.00
DwB: Davilla-----	55	Very limited Percs slowly	1.00	Very limited Potentially or highly erodible Percs slowly	1.00 1.00	Very limited Percs slowly	1.00
		Potentially or highly erodible	1.00	Percs slowly	1.00	Potentially or highly erodible	1.00
Wilson-----	35	Very limited Potentially or highly erodible Percs slowly Droughty	1.00 0.50 0.26	Very limited Potentially or highly erodible Percs slowly	1.00 0.50	Very limited Potentially or highly erodible Percs slowly Droughty	1.00 0.50 0.26
EdB: Edge-----	85	Very limited Percs slowly	1.00	Very limited Potentially or highly erodible Percs slowly	1.00 1.00	Very limited Percs slowly	1.00
		Potentially or highly erodible Droughty	1.00 0.01	Percs slowly	1.00	Potentially or highly erodible Droughty	1.00 0.01
EdC2: Edge-----	80	Very limited Percs slowly	1.00	Very limited Potentially or highly erodible Percs slowly	1.00 1.00	Very limited Percs slowly	1.00
		Potentially or highly erodible Droughty	1.00 0.01	Percs slowly	1.00	Potentially or highly erodible Droughty	1.00 0.01

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Table 10.--Grain and Seed Crops, Domestic Grasses, and Irrigated Grain and Seed Crops for Wildlife Habitat--Continued

Map symbol and soil name	Pct. of map unit	Grain and seed crops for food and cover		Domestic grasses and legumes for food and cover		Irrigated grain and seed crops for food and cover	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
EdD: Edge-----	85	Very limited Percs slowly	1.00	Very limited Potentially or highly erodible Percs slowly	1.00	Very limited Percs slowly	1.00
		Potentially or highly erodible Droughty	1.00 0.01			Potentially or highly erodible Slope Droughty	1.00 0.88 0.01
EgD: Edge-----	50	Very limited Percs slowly	1.00	Very limited Potentially or highly erodible Percs slowly	1.00	Very limited Percs slowly	1.00
		Potentially or highly erodible Droughty	1.00 0.01			Potentially or highly erodible Slope Droughty	1.00 0.12 0.01
Gullied land-----	50	Not rated		Not rated		Not rated	
FaB: Faula-----	85	Very limited Droughty	1.00	Very limited Potentially or highly erodible Droughty	1.00	Very limited Droughty	1.00
		Potentially or highly erodible Too sandy	1.00 1.00		0.60 0.50	Potentially or highly erodible Too sandy	1.00 0.50
GaB: Gasil-----	90	Very limited Potentially or highly erodible Droughty	1.00 0.01	Very limited Potentially or highly erodible	1.00	Very limited Potentially or highly erodible Droughty	1.00 0.01
GaD: Gasil-----	90	Very limited Potentially or highly erodible Droughty	1.00 0.01	Very limited Potentially or highly erodible	1.00	Very limited Potentially or highly erodible Slope Droughty	1.00 0.12 0.01
GgC: Gredge-----	90	Very limited Potentially or highly erodible Droughty Percs slowly	1.00 0.62 0.50	Very limited Potentially or highly erodible Percs slowly	1.00 0.50	Very limited Potentially or highly erodible Droughty Percs slowly	1.00 0.62 0.50
GrC: Gredge-----	90	Very limited Potentially or highly erodible Droughty Percs slowly	1.00 0.62 0.50	Very limited Potentially or highly erodible Percs slowly	1.00 0.50	Very limited Potentially or highly erodible Droughty Percs slowly	1.00 0.62 0.50



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Table 10.--Grain and Seed Crops, Domestic Grasses, and Irrigated Grain and Seed Crops for Wildlife Habitat--Continued

Map symbol and soil name	Pct. of map unit	Grain and seed crops for food and cover		Domestic grasses and legumes for food and cover		Irrigated grain and seed crops for food and cover	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
GsB: Gasil-----	90	Very limited Potentially or highly erodible Too sandy Droughty	1.00 0.50 0.32	Very limited Potentially or highly erodible Too sandy	1.00 0.50	Very limited Potentially or highly erodible Droughty	1.00 0.32
GsD: Gasil-----	90	Very limited Potentially or highly erodible Too sandy Droughty	1.00 0.50 0.32	Very limited Potentially or highly erodible Too sandy	1.00 0.50	Very limited Potentially or highly erodible Slope Droughty	1.00 0.50 0.32
JeD: Jedd-----	90	Very limited Potentially or highly erodible Droughty  Too gravelly, cobbly, or stony Bedrock	1.00 1.00 0.90 0.84	Very limited Potentially or highly erodible Too gravelly, cobbly, or stony Bedrock Droughty	1.00 0.90 0.84 0.11	Very limited Potentially or highly erodible Droughty  Too gravelly, cobbly, or stony Bedrock Slope	1.00 1.00 0.90 0.84 0.84 0.50
JeE: Jedd-----	95	Very limited Potentially or highly erodible Droughty  Too gravelly, cobbly, or stony Bedrock	1.00 1.00 0.90 0.84	Very limited Potentially or highly erodible Too gravelly, cobbly, or stony Bedrock Droughty	1.00 0.90 0.84 0.11	Very limited Potentially or highly erodible Droughty  Slope  Too gravelly, cobbly, or stony Bedrock	1.00 1.00 1.00 1.00 0.90 0.84
JeF: Jedd-----	90	Very limited Potentially or highly erodible Droughty  Bedrock	1.00 1.00 0.65	Very limited Potentially or highly erodible Bedrock Droughty	1.00 0.65 0.01	Very limited Slope  Potentially or highly erodible Droughty Bedrock	1.00 1.00 1.00 1.00 0.65

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Table 10.--Grain and Seed Crops, Domestic Grasses, and Irrigated Grain and Seed Crops for Wildlife Habitat--Continued

Map symbol and soil name	Pct. of map unit	Grain and seed crops for food and cover		Domestic grasses and legumes for food and cover		Irrigated grain and seed crops for food and cover	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
JgD: Jedd-----	90	Very limited Potentially or highly erodible Droughty	1.00 1.00	Very limited Potentially or highly erodible Too gravelly, cobbly, or stony Bedrock	1.00 0.90 0.84	Very limited Potentially or highly erodible Droughty	1.00 1.00
		Too gravelly, cobbly, or stony Bedrock	0.90 0.84	Bedrock Droughty	0.84 0.11	Too gravelly, cobbly, or stony Bedrock Slope	0.90 0.84 0.50
KgC: Kurten-----	85	Very limited HEL wind	1.00	Very limited Potentially or highly erodible Percs slowly	1.00 0.50	Very limited HEL wind	1.00
		Potentially or highly erodible Droughty Percs slowly	1.00 0.55 0.50	Percs slowly	0.50	Potentially or highly erodible Droughty Percs slowly	1.00 0.55 0.50
KuC: Kurten-----	90	Very limited Potentially or highly erodible Droughty Percs slowly	1.00 0.61 0.50	Very limited Potentially or highly erodible Percs slowly	1.00 0.50	Very limited Potentially or highly erodible Droughty Percs slowly	1.00 0.61 0.50
LeB: Lexton-----	90	Very limited Potentially or highly erodible Too clayey	1.00 0.36	Very limited Potentially or highly erodible Too clayey	1.00 0.36	Very limited Potentially or highly erodible Too clayey	1.00 0.36
LfA: Lufkin-----	85	Somewhat limited Percs slowly Droughty	0.50 0.48	Somewhat limited Percs slowly	0.50	Somewhat limited Percs slowly Droughty	0.50 0.48
LgB: Luling-----	80	Very limited Too clayey	1.00	Very limited Potentially or highly erodible Too clayey	1.00 1.00	Very limited Too clayey	1.00
		Potentially or highly erodible Percs slowly	1.00 0.50	Percs slowly	0.50	Potentially or highly erodible Percs slowly	1.00 0.50
LuB: Luling-----	80	Very limited Too clayey	1.00	Very limited Potentially or highly erodible Too clayey	1.00 1.00	Very limited Too clayey	1.00
		Potentially or highly erodible Percs slowly	1.00 0.50	Percs slowly	0.50	Potentially or highly erodible Percs slowly	1.00 0.50

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Table 10.--Grain and Seed Crops, Domestic Grasses, and Irrigated Grain and Seed Crops for Wildlife Habitat--Continued

Map symbol and soil name	Pct. of map unit	Grain and seed crops for food and cover		Domestic grasses and legumes for food and cover		Irrigated grain and seed crops for food and cover	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
LuC: Luling-----	85	Very limited Too clayey	1.00	Very limited Potentially or highly erodible	1.00	Very limited Too clayey	1.00
		Potentially or highly erodible	1.00	Too clayey	1.00	Potentially or highly erodible	1.00
		Percs slowly	0.50	Percs slowly	0.50	Percs slowly	0.50
MaA: Mabank-----	85	Somewhat limited Percs slowly Droughty	0.50 0.01	Somewhat limited Percs slowly	0.50	Somewhat limited Percs slowly Droughty	0.50 0.01
MrB: Margie-----	90	Very limited Potentially or highly erodible Droughty	1.00 0.71	Very limited Potentially or highly erodible	1.00	Very limited Potentially or highly erodible Droughty	1.00 0.71
NoC: Normangee-----	85	Very limited Potentially or highly erodible Percs slowly Excess salt Too clayey	1.00 0.50 0.12 0.11	Very limited Potentially or highly erodible Percs slowly Excess salt Too clayey	1.00 0.50 0.12 0.11	Very limited Potentially or highly erodible Percs slowly Excess salt Too clayey	1.00 0.50 0.12 0.11
NvA: Navasota-----	85	Very limited Flooding Too clayey Wetness Percs slowly	1.00 1.00 0.94 0.50	Very limited Flooding Too clayey Wetness Percs slowly	1.00 1.00 0.94 0.50	Very limited Flooding Too clayey Wetness Percs slowly	1.00 1.00 0.94 0.50
PdC: Padina-----	90	Very limited Droughty	1.00	Very limited Potentially or highly erodible	1.00	Very limited Droughty	1.00
		Potentially or highly erodible	1.00	Droughty	0.54	Potentially or highly erodible	1.00
		Too sandy	0.50	Too sandy	0.50		
PdF: Padina-----	90	Very limited Droughty	1.00	Very limited Potentially or highly erodible	1.00	Very limited Droughty	1.00
		HEL wind	1.00	Droughty	0.54	HEL wind	1.00
		Potentially or highly erodible	1.00	Too sandy	0.50	Potentially or highly erodible	1.00
		Too sandy	0.50			Slope	1.00
Pt: Pits and Dumps-----	100	Not rated		Not rated		Not rated	

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Table 10.--Grain and Seed Crops, Domestic Grasses, and Irrigated Grain and Seed Crops for Wildlife Habitat--Continued

Map symbol and soil name	Pct. of map unit	Grain and seed crops for food and cover		Domestic grasses and legumes for food and cover		Irrigated grain and seed crops for food and cover	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
RaB: Rader-----	85	Very limited Percs slowly	1.00	Very limited Potentially or highly erodible Percs slowly	1.00	Very limited Percs slowly	1.00
		Potentially or highly erodible Droughty	1.00 0.08			Potentially or highly erodible Droughty	1.00 0.08
ReC: Rehburg-----	85	Very limited Percs slowly	1.00	Very limited Potentially or highly erodible Percs slowly	1.00	Very limited Percs slowly	1.00
		Potentially or highly erodible Droughty Too sandy	1.00 1.00 0.50	Too sandy Droughty	0.50 0.19	Potentially or highly erodible Droughty	1.00 1.00
RoB: Robco-----	90	Very limited Potentially or highly erodible Droughty Too sandy Wetness	1.00 1.00 0.50 0.17	Very limited Potentially or highly erodible Too sandy Wetness Droughty	1.00 0.50 0.17 0.04	Very limited Potentially or highly erodible Droughty Wetness	1.00 1.00 0.17
RsC: Rosanky-----	90	Very limited Potentially or highly erodible Droughty	1.00 0.22	Very limited Potentially or highly erodible	1.00	Very limited Potentially or highly erodible Droughty	1.00 0.22
SaA: Sandow-----	85	Somewhat limited Flooding	0.50	Somewhat limited Flooding	0.50	Very limited Flooding	1.00
SmC: Silawa-----	85	Very limited Potentially or highly erodible Too sandy Droughty	1.00 0.50 0.04	Very limited Potentially or highly erodible Too sandy	1.00 0.50	Very limited Potentially or highly erodible Droughty	1.00 0.04
SnC: Silstid-----	90	Very limited Potentially or highly erodible Droughty Too sandy	1.00 1.00 0.50	Very limited Potentially or highly erodible Too sandy Droughty	1.00 0.50 0.23	Very limited Potentially or highly erodible Droughty	1.00 1.00
SnD: Silstid-----	90	Very limited Potentially or highly erodible Droughty Too sandy	1.00 1.00 0.50	Very limited Potentially or highly erodible Too sandy Droughty	1.00 0.50 0.23	Very limited Potentially or highly erodible Droughty Slope	1.00 1.00 0.88

Soil Survey of Lee County, Texas

Table 10.--Grain and Seed Crops, Domestic Grasses, and Irrigated Grain and Seed Crops for Wildlife Habitat--Continued

Map symbol and soil name	Pct. of map unit	Grain and seed crops for food and cover		Domestic grasses and legumes for food and cover		Irrigated grain and seed crops for food and cover	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
SoC: Singleton-----	85	Very limited Potentially or highly erodible Droughty Percs slowly Bedrock	1.00 0.51 0.50 0.03	Very limited Potentially or highly erodible Percs slowly Bedrock	1.00 0.50 0.03	Very limited Potentially or highly erodible Droughty Percs slowly Bedrock	1.00 0.51 0.50 0.03
SpC: Spiller-----	90	Very limited Potentially or highly erodible Droughty Percs slowly	1.00 0.75 0.33	Very limited Potentially or highly erodible Percs slowly	1.00 0.33	Very limited Potentially or highly erodible Droughty Percs slowly	1.00 0.75 0.33
TaB: Tabor-----	85	Very limited Potentially or highly erodible Droughty Percs slowly	1.00 0.76 0.50	Very limited Potentially or highly erodible Percs slowly	1.00 0.50	Very limited Potentially or highly erodible Droughty Percs slowly	1.00 0.76 0.50
UcA: Uhland-----	85	Somewhat limited Flooding Droughty Wetness	0.50 0.19 0.04	Somewhat limited Flooding Wetness	0.50 0.04	Very limited Flooding Droughty Wetness	1.00 0.19 0.04
UfA: Uhland-----	85	Somewhat limited Flooding Droughty Wetness	0.50 0.32 0.04	Somewhat limited Flooding Wetness	0.50 0.04	Very limited Flooding Droughty Wetness	1.00 0.32 0.04
W: Water-----	100	Not rated		Not rated		Not rated	
WgE: Winedale-----	85	Very limited Potentially or highly erodible Too gravelly, cobbly, or stony Percs slowly Droughty	1.00 0.55 0.50 0.18	Very limited Potentially or highly erodible Too gravelly, cobbly, or stony Percs slowly	1.00 0.55 0.50	Very limited Potentially or highly erodible Too gravelly, cobbly, or stony Percs slowly Droughty Slope	1.00 0.55 0.50 0.18 0.12
WnB: Wilson-----	85	Very limited Potentially or highly erodible Percs slowly Droughty Too clayey	1.00 0.50 0.28 0.19	Very limited Potentially or highly erodible Percs slowly Too clayey	1.00 0.50 0.19	Very limited Potentially or highly erodible Percs slowly Droughty Too clayey	1.00 0.50 0.28 0.19

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Table 10.--Grain and Seed Crops, Domestic Grasses, and Irrigated Grain and Seed Crops for Wildlife Habitat--Continued

Map symbol and soil name	Pct. of map unit	Grain and seed crops for food and cover		Domestic grasses and legumes for food and cover		Irrigated grain and seed crops for food and cover	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
WwA: Whitesboro-----	85	Somewhat limited Flooding Too clayey	0.50 0.01	Somewhat limited Flooding Too clayey	0.50 0.01	Very limited Flooding Too clayey	1.00 0.01
ZaC: Zack-----	85	Very limited Potentially or highly erodible Droughty Percs slowly	1.00 0.62 0.50	Very limited Potentially or highly erodible Percs slowly	1.00 0.50	Very limited Potentially or highly erodible Droughty Percs slowly	1.00 0.62 0.50
ZaD: Zack-----	85	Very limited Potentially or highly erodible Droughty Percs slowly	1.00 0.68 0.50	Very limited Potentially or highly erodible Percs slowly	1.00 0.50	Very limited Potentially or highly erodible Slope Droughty Percs slowly	1.00 0.88 0.68 0.50
ZbA: Zilaboy-----	90	Very limited Too clayey Wetness Flooding Percs slowly	1.00 0.75 0.50 0.50	Very limited Too clayey Wetness Flooding Percs slowly	1.00 0.75 0.50 0.50	Very limited Flooding Too clayey Wetness Percs slowly	1.00 1.00 0.75 0.50
ZgC: Zack-----	95	Very limited Potentially or highly erodible Too gravelly, cobbly, or stony Percs slowly Droughty	1.00 0.55 0.50 0.01	Very limited Potentially or highly erodible Too gravelly, cobbly, or stony Percs slowly	1.00 0.55 0.50	Very limited Potentially or highly erodible Too gravelly, cobbly, or stony Percs slowly Droughty	1.00 0.55 0.50 0.01
ZuC: Zulch-----	85	Very limited Potentially or highly erodible Percs slowly	1.00 0.50	Very limited Potentially or highly erodible Percs slowly	1.00 0.50	Very limited Potentially or highly erodible Percs slowly	1.00 0.50

## Soil Survey of Lee County, Texas

Table 11.--Irrigated Domestic Grasses and Legumes, and Burrowing Mammals and Reptiles for Wildlife Habitat

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Irrigated domestic grasses and legumes for food and cover		Burrowing mammals and reptiles	
		Rating class and limiting features	Value	Rating class and limiting features	Value
ArD: Arenosa-----	85	Somewhat limited Droughty Too sandy Slope	0.99 0.50 0.12	Somewhat limited Too Sandy	0.50
BeB: Benchley-----	85	Somewhat limited Percs slowly Too clayey	0.17 0.01	Very limited Too clayey	1.00
BeC: Benchley-----	90	Very limited Potentially or highly erodible Percs slowly Too clayey	1.00 0.17 0.01	Very limited Too clayey	1.00
BgB: Boonville-----	90	Very limited Wetness Potentially or highly erodible Percs slowly	1.00 1.00 0.50	Wetness Too clayey	1.00 0.36
BoB: Boonville-----	90	Very limited Wetness Potentially or highly erodible Percs slowly	1.00 1.00 0.50	Very limited Wetness Too clayey	1.00 0.36
BuC: Burlewash-----	85	Very limited Potentially or highly erodible Bedrock Percs slowly Droughty	1.00 0.71 0.50 0.20	Very limited Too clayey	1.00
BwC: Burlewash-----	85	Very limited Potentially or highly erodible Too gravelly, cobbly, or stony Percs slowly Bedrock	1.00 0.55 0.50 0.06	Somewhat limited Too clayey	0.01

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Table 11.--Irrigated Domestic Grasses and Legumes, and Burrowing Mammals and Reptiles for Wildlife Habitat--Continued

Map symbol and soil name	Pct. of map unit	Irrigated domestic grasses and legumes for food and cover		Burrowing mammals and reptiles	
		Rating class and limiting features	Value	Rating class and limiting features	Value
BxG: Koether-----	50	Very limited Droughty	1.00	Very limited Content of large stones	1.00
		Slope	1.00	10-20" to Bedrock (Hard or Soft)	0.26
		Potentially or highly erodible	1.00		
		Bedrock	1.00		
		Too gravelly, cobbly, or stony	1.00		
Burlewash-----	35	Very limited Slope	1.00	Very limited Too clayey	1.00
		Potentially or highly erodible	1.00		
		Bedrock	0.71		
		Percs slowly	0.50		
		Droughty	0.20		
CgB: Crockett-----	90	Very limited Potentially or highly erodible	1.00	Very limited Too clayey	1.00
		Percs slowly	0.50		
		Too gravelly, cobbly, or stony	0.36		
ChC: Chazos-----	90	Very limited Potentially or highly erodible	1.00	Somewhat limited Too clayey	0.11
		Percs slowly	0.17		
CrC: Crockett-----	90	Very limited Potentially or highly erodible	1.00	Very limited Too clayey	1.00
		Percs slowly	0.50		
CrC2: Crockett, eroded----	90	Very limited Potentially or highly erodible	1.00	Very limited Too clayey	1.00
		Percs slowly	0.50		
DuC: Dutek-----	85	Very limited Potentially or highly erodible	1.00	Not limited	
		Droughty	0.08		



Soil Survey of Lee County, Texas

Table 11.--Irrigated Domestic Grasses and Legumes, and Burrowing Mammals and Reptiles for Wildlife Habitat--Continued

Map symbol and soil name	Pct. of map unit	Irrigated domestic grasses and legumes for food and cover		Burrowing mammals and reptiles	
		Rating class and limiting features	Value	Rating class and limiting features	Value
DwB: Davilla-----	55	Very limited Potentially or highly erodible Percs slowly	1.00 1.00	Somewhat limited Too clayey	0.19
Wilson-----	35	Very limited Potentially or highly erodible Percs slowly	1.00 0.50	Very limited Too clayey	1.00
EdB: Edge-----	85	Very limited Potentially or highly erodible Percs slowly	1.00 1.00	Very limited Too clayey	1.00
EdC2: Edge-----	80	Very limited Potentially or highly erodible Percs slowly	1.00 1.00	Very limited Too clayey	1.00
EdD: Edge-----	85	Very limited Potentially or highly erodible Percs slowly Slope	1.00 1.00 0.88	Very limited Too clayey	1.00
EgD: Edge-----	50	Very limited Potentially or highly erodible Percs slowly Slope	1.00 1.00 0.12	Very limited Too clayey	1.00
Gullied land-----	50	Not rated		Not rated	
FaB: Faula-----	85	Very limited Potentially or highly erodible Droughty Too sandy	1.00 0.60 0.50	Somewhat limited Too Sandy	0.50
GaB: Gasil-----	90	Very limited Potentially or highly erodible	1.00	Not limited	

Soil Survey of Lee County, Texas

Table 11.--Irrigated Domestic Grasses and Legumes, and Burrowing Mammals and Reptiles for Wildlife Habitat--Continued

Map symbol and soil name	Pct. of map unit	Irrigated domestic grasses and legumes for food and cover		Burrowing mammals and reptiles	
		Rating class and limiting features	Value	Rating class and limiting features	Value
GaD: Gasil-----	90	Very limited Potentially or highly erodible Slope	1.00 0.12	Not limited	
GgC: Gredge-----	90	Very limited Potentially or highly erodible Percs slowly	1.00 0.50	Somewhat limited Too clayey	0.36
GrC: Gredge-----	90	Very limited Potentially or highly erodible Percs slowly	1.00 0.50	Somewhat limited Too clayey	0.36
GsB: Gasil-----	90	Very limited Potentially or highly erodible	1.00	Not limited	
GsD: Gasil-----	90	Very limited Potentially or highly erodible Slope	1.00 0.50	Not limited	
JeD: Jedd-----	90	Very limited Potentially or highly erodible Too gravelly, cobble, or stony Bedrock Slope Droughty	1.00 0.90 0.84 0.50 0.11	Very limited Too clayey	1.00
JeE: Jedd-----	95	Very limited Potentially or highly erodible Slope Too gravelly, cobble, or stony Bedrock Droughty	1.00 1.00 0.90 0.84 0.11	Very limited Too clayey	1.00

Soil Survey of Lee County, Texas

Table 11.--Irrigated Domestic Grasses and Legumes, and Burrowing Mammals and Reptiles for Wildlife Habitat--Continued

Map symbol and soil name	Pct. of map unit	Irrigated domestic grasses and legumes for food and cover		Burrowing mammals and reptiles	
		Rating class and limiting features	Value	Rating class and limiting features	Value
JeF: Jedd-----	90	Very limited Slope Potentially or highly erodible Bedrock Droughty	1.00 1.00 0.65 0.01	Not limited	
JgD: Jedd-----	90	Very limited Potentially or highly erodible Too gravelly, cobble, or stony Bedrock Slope Droughty	1.00 0.90 0.84 0.50 0.11	Very limited Too clayey	1.00
KgC: Kurten-----	85	Very limited Potentially or highly erodible Percs slowly	1.00 0.50	Very limited Too clayey	1.00
KuC: Kurten-----	90	Very limited Potentially or highly erodible Percs slowly	1.00 0.50	Very limited Too clayey	1.00
LeB: Lexton-----	90	Very limited Potentially or highly erodible Too clayey	1.00 0.36	Very limited Too clayey	1.00
LfA: Lufkin-----	85	Somewhat limited Percs slowly	0.50	Very limited Too clayey	1.00
LgB: Luling-----	80	Very limited Potentially or highly erodible Too clayey Percs slowly	1.00 1.00 0.50	Very limited Too clayey	1.00
LuB: Luling-----	80	Very limited Potentially or highly erodible Too clayey Percs slowly	1.00 1.00 0.50	Very limited Too clayey	1.00

Soil Survey of Lee County, Texas

Table 11.--Irrigated Domestic Grasses and Legumes, and Burrowing Mammals and Reptiles for Wildlife Habitat--Continued

Map symbol and soil name	Pct. of map unit	Irrigated domestic grasses and legumes for food and cover		Burrowing mammals and reptiles	
		Rating class and limiting features	Value	Rating class and limiting features	Value
LuC: Luling-----	85	Very limited Potentially or highly erodible Too clayey Percs slowly	1.00 1.00 0.50	Very limited Too clayey	1.00
MaA: Mabank-----	85	Somewhat limited Percs slowly	0.50	Very limited Too clayey	1.00
MrB: Margie-----	90	Very limited Potentially or highly erodible	1.00	Very limited Too clayey	1.00
NoC: Normangee-----	85	Very limited Potentially or highly erodible Percs slowly Excess salt Too clayey	1.00 0.50 0.12 0.11	Very limited Too clayey	1.00
NvA: Navasota-----	85	Very limited Flooding Too clayey Wetness Percs slowly	1.00 1.00 0.94 0.50	Very limited Flooding Too clayey Wetness	1.00 1.00 0.94
PdC: Padina-----	90	Very limited Potentially or highly erodible Droughty	1.00 0.54	Not limited	
PdF: Padina-----	90	Very limited Potentially or highly erodible Slope Droughty	1.00 1.00 0.54	Not limited	
Pt: Pits and Dumps-----	100	Not rated		Not rated	
RaB: Rader-----	85	Very limited Potentially or highly erodible Percs slowly	1.00 1.00	Not limited	

Soil Survey of Lee County, Texas

Table 11.--Irrigated Domestic Grasses and Legumes, and Burrowing Mammals and Reptiles for Wildlife Habitat--Continued

Map symbol and soil name	Pct. of map unit	Irrigated domestic grasses and legumes for food and cover		Burrowing mammals and reptiles	
		Rating class and limiting features	Value	Rating class and limiting features	Value
ReC: Rehburg-----	85	Very limited Potentially or highly erodible Percs slowly Droughty	1.00 1.00 0.19	Not limited	
RoB: Robco-----	90	Very limited Potentially or highly erodible Wetness Droughty	1.00 0.17 0.04	Somewhat limited Wetness	0.17
RsC: Rosanky-----	90	Very limited Potentially or highly erodible	1.00	Very limited Too clayey	1.00
SaA: Sandow-----	85	Very limited Flooding	1.00	Very limited Flooding Too clayey	1.00 0.01
SmC: Silawa-----	85	Very limited Potentially or highly erodible	1.00	Not limited	
SnC: Silstid-----	90	Very limited Potentially or highly erodible Droughty	1.00 0.23	Not limited	
SnD: Silstid-----	90	Very limited Potentially or highly erodible Slope Droughty	1.00 0.88 0.23	Not limited	
SoC: Singleton-----	85	Very limited Potentially or highly erodible Percs slowly Bedrock	1.00 0.50 0.03	Very limited Too clayey	1.00
SpC: Spiller-----	90	Very limited Potentially or highly erodible Percs slowly	1.00 0.33	Very limited Too clayey	1.00

Soil Survey of Lee County, Texas

Table 11.--Irrigated Domestic Grasses and Legumes, and Burrowing Mammals and Reptiles for Wildlife Habitat--Continued

Map symbol and soil name	Pct. of map unit	Irrigated domestic grasses and legumes for food and cover		Burrowing mammals and reptiles	
		Rating class and limiting features	Value	Rating class and limiting features	Value
TaB: Tabor-----	85	Very limited Potentially or highly erodible Percls slowly	1.00 0.50	Very limited Too clayey	1.00
UcA: Uhland-----	85	Very limited Flooding Wetness	1.00 0.04	Very limited Flooding Wetness	1.00 0.04
UfA: Uhland-----	85	Very limited Flooding Wetness	1.00 0.04	Very limited Flooding Wetness	1.00 0.04
W: Water-----	100	Not rated		Not rated	
WgE: Winedale-----	85	Very limited Potentially or highly erodible Too gravelly, cobbley, or stony Percls slowly Slope	1.00 0.55 0.50 0.12	Very limited Too clayey	1.00
WnB: Wilson-----	85	Very limited Potentially or highly erodible Percls slowly Too clayey	1.00 0.50 0.19	Very limited Too clayey	1.00
WwA: Whitesboro-----	85	Very limited Flooding Too clayey	1.00 0.01	Very limited Flooding Too clayey	1.00 0.01
ZaC: Zack-----	85	Very limited Potentially or highly erodible Percls slowly	1.00 0.50	Very limited Too clayey	1.00
ZaD: Zack-----	85	Very limited Potentially or highly erodible Slope Percls slowly	1.00 0.88 0.50	Somewhat limited Too clayey	0.01

Soil Survey of Lee County, Texas

Table 11.--Irrigated Domestic Grasses and Legumes, and Burrowing Mammals and Reptiles for Wildlife Habitat--Continued

Map symbol and soil name	Pct. of map unit	Irrigated domestic grasses and legumes for food and cover		Burrowing mammals and reptiles	
		Rating class and limiting features	Value	Rating class and limiting features	Value
ZbA: Zilaboy-----	90	Very limited Flooding Too clayey Wetness Percs slowly	1.00 1.00 0.75 0.50	Very limited Flooding Too clayey Wetness	1.00 1.00 0.75
ZgC: Zack-----	95	Very limited Potentially or highly erodible Too gravelly, cobbly, or stony Percs slowly	1.00 0.55 0.50	Somewhat limited Too clayey	0.01
ZuC: Zulch-----	85	Very limited Potentially or highly erodible Percs slowly	1.00 0.50	Very limited Too clayey	1.00

## Soil Survey of Lee County, Texas

Table 12.--Upland Herbaceous Plants and Upland Shrubs and Vines for Wildlife Habitat

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Upland wild herbaceous plants		Upland shrubs and vines	
		Rating class and limiting features	Value	Rating class and limiting features	Value
ArD: Arenosa-----	85	Very limited Too sandy Droughty	1.00 0.99	Somewhat limited Droughty Too sandy	0.99 0.50
BeB: Benchley-----	85	Somewhat limited Too clayey	0.01	Somewhat limited Too clayey	0.01
BeC: Benchley-----	90	Somewhat limited Too clayey	0.01	Somewhat limited Too clayey	0.01
BgB: Boonville-----	90	Very limited Wetness	1.00	Very limited Wetness	1.00
BoB: Boonville-----	90	Very limited Wetness	1.00	Very limited Wetness	1.00
BuC: Burlewash-----	85	Somewhat limited Droughty	0.20	Somewhat limited Bedrock Droughty	0.71 0.20
BwC: Burlewash-----	85	Not limited		Somewhat limited Bedrock	0.06
BxG: Koether-----	50	Very limited Droughty Too gravelly, cobbly, or stony Too sandy	1.00 0.93 0.50	Very limited Droughty Bedrock Too gravelly, cobbly, or stony Too sandy	1.00 1.00 0.93 0.50
Burlewash-----	35	Somewhat limited Droughty	0.20	Somewhat limited Bedrock Droughty	0.71 0.20



Soil Survey of Lee County, Texas

Table 12.--Upland Herbaceous Plants and Upland Shrubs and Vines for Wildlife Habitat--Continued

Map symbol and soil name	Pct. of map unit	Upland wild herbaceous plants		Upland shrubs and vines	
		Rating class and limiting features	Value	Rating class and limiting features	Value
CgB: Crockett-----	90	Not limited		Not limited	
ChC: Chazos-----	90	Somewhat limited Too sandy	0.50	Not limited	
CrC: Crockett-----	90	Not limited		Not limited	
CrC2: Crockett, eroded----	90	Not limited		Not limited	
DuC: Dutek-----	85	Somewhat limited Too sandy Droughty	0.50 0.08	Somewhat limited Droughty	0.08
DwB: Davilla-----	55	Not limited		Not limited	
Wilson-----	35	Not limited		Not limited	
EdB: Edge-----	85	Not limited		Not limited	
EdC2: Edge-----	80	Not limited		Not limited	
EdD: Edge-----	85	Not limited		Not limited	
EgD: Edge-----	50	Not limited		Not limited	
Gullied land-----	50	Not rated		Not rated	
FaB: Faula-----	85	Very limited Too sandy Droughty	1.00 0.60	Somewhat limited Droughty Too sandy	0.60 0.50
GaB: Gasil-----	90	Not limited		Not limited	
GaD: Gasil-----	90	Not limited		Not limited	
GgC: Gredge-----	90	Not limited		Not limited	

Soil Survey of Lee County, Texas

Table 12.--Upland Herbaceous Plants and Upland Shrubs and Vines for Wildlife Habitat--Continued

Map symbol and soil name	Pct. of map unit	Upland wild herbaceous plants		Upland shrubs and vines	
		Rating class and limiting features	Value	Rating class and limiting features	Value
GrC: Gredge-----	90	Not limited		Not limited	
GsB: Gasil-----	90	Somewhat limited Too sandy	0.50	Not limited	
GsD: Gasil-----	90	Somewhat limited Too sandy	0.50	Not limited	
JeD: Jedd-----	90	Somewhat limited Droughty	0.11	Somewhat limited Bedrock Droughty	0.84 0.11
JeE: Jedd-----	95	Somewhat limited Droughty	0.11	Somewhat limited Bedrock Droughty	0.84 0.11
JeF: Jedd-----	90	Somewhat limited Droughty	0.01	Somewhat limited Bedrock Droughty	0.65 0.01
JgD: Jedd-----	90	Somewhat limited Droughty	0.11	Somewhat limited Bedrock Droughty	0.84 0.11
KgC: Kurten-----	85	Not limited		Not limited	
KuC: Kurten-----	90	Not limited		Not limited	
LeB: Lexton-----	90	Somewhat limited Too clayey	0.36	Somewhat limited Too clayey	0.36
LfA: Lufkin-----	85	Not limited		Not limited	
LgB: Luling-----	80	Very limited Too clayey	1.00	Very limited Too clayey	1.00
LuB: Luling-----	80	Very limited Too clayey	1.00	Very limited Too clayey	1.00

Soil Survey of Lee County, Texas

Table 12.--Upland Herbaceous Plants and Upland Shrubs and Vines for Wildlife Habitat--Continued

Map symbol and soil name	Pct. of map unit	Upland wild herbaceous plants		Upland shrubs and vines	
		Rating class and limiting features	Value	Rating class and limiting features	Value
LuC: Luling-----	85	Very limited Too clayey	1.00	Very limited Too clayey	1.00
MaA: Mabank-----	85	Not limited		Not limited	
MrB: Margie-----	90	Not limited		Not limited	
NoC: Normangee-----	85	Somewhat limited Excess salt Too clayey	0.12 0.11	Somewhat limited Excess salt Too clayey	0.12 0.11
NvA: Navasota-----	85	Very limited Too clayey Wetness	1.00 0.94	Very limited Too clayey Wetness	1.00 0.94
PdC: Padina-----	90	Somewhat limited Droughty Too sandy	0.54 0.50	Somewhat limited Droughty	0.54
PdF: Padina-----	90	Somewhat limited Droughty Too sandy	0.54 0.50	Somewhat limited Droughty	0.54
Pt: Pits and Dumps-----	100	Not rated		Not rated	
RaB: Rader-----	85	Not limited		Not limited	
ReC: Rehburg-----	85	Somewhat limited Too sandy  Droughty	0.50  0.19	Somewhat limited Droughty	0.19
RoB: Robco-----	90	Somewhat limited Too sandy  Wetness Droughty	0.50  0.17 0.04	Somewhat limited Wetness Droughty	0.17 0.04
RSC: Rosanky-----	90	Not limited		Not limited	

Soil Survey of Lee County, Texas

Table 12.--Upland Herbaceous Plants and Upland Shrubs and Vines for Wildlife Habitat--Continued

Map symbol and soil name	Pct. of map unit	Upland wild herbaceous plants		Upland shrubs and vines	
		Rating class and limiting features	Value	Rating class and limiting features	Value
SaA: Sandow-----	85	Somewhat limited Too clayey	0.03	Somewhat limited Too clayey	0.03
SmC: Silawa-----	85	Somewhat limited Too sandy	0.50	Not limited	
SnC: Silstid-----	90	Somewhat limited Too sandy Droughty	0.50 0.23	Somewhat limited Droughty	0.23
SnD: Silstid-----	90	Somewhat limited Too sandy Droughty	0.50 0.23	Somewhat limited Droughty	0.23
SoC: Singleton-----	85	Not limited		Somewhat limited Bedrock	0.03
SpC: Spiller-----	90	Not limited		Not limited	
TaB: Tabor-----	85	Not limited		Not limited	
UcA: Uhland-----	85	Somewhat limited Too clayey	0.24	Somewhat limited Too clayey	0.24
		Wetness	0.04	Wetness	0.04
UfA: Uhland-----	85	Somewhat limited Wetness	0.04	Somewhat limited Wetness	0.04
W: Water-----	100	Not rated		Not rated	
WgE: Winedale-----	85	Not limited		Not limited	
WnB: Wilson-----	85	Somewhat limited Too clayey	0.19	Somewhat limited Too clayey	0.19
WwA: Whitesboro-----	85	Somewhat limited Too clayey	0.01	Somewhat limited Too clayey	0.01

Soil Survey of Lee County, Texas

Table 12.--Upland Herbaceous Plants and Upland Shrubs and Vines for Wildlife Habitat--Continued

Map symbol and soil name	Pct. of map unit	Upland wild herbaceous plants		Upland shrubs and vines	
		Rating class and limiting features	Value	Rating class and limiting features	Value
ZaC: Zack-----	85	Not limited		Not limited	
ZaD: Zack-----	85	Not limited		Not limited	
ZbA: Zilaboy-----	90	Very limited Too clayey Wetness	1.00 0.75	Very limited Too clayey Wetness	1.00 0.75
ZgC: Zack-----	95	Not limited		Not limited	
ZuC: Zulch-----	85	Not limited		Not limited	

## Soil Survey of Lee County, Texas

Table 13.--Upland Deciduous Trees for Wildlife Habitat

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Upland deciduous trees	
		Rating class and limiting features	Value
ArD: Arenosa-----	85	Somewhat limited Droughty	0.99
BeB: Benchley-----	85	Somewhat limited Too arid	0.50
BeC: Benchley-----	90	Somewhat limited Too arid	0.50
BgB: Boonville-----	90	Very limited Depth to saturated zone	1.00
BoB: Boonville-----	90	Very limited Depth to saturated zone	1.00
BuC: Burlwash-----	85	Somewhat limited Bedrock Too arid Droughty	0.71 0.50 0.20
BwC: Burlwash-----	85	Somewhat limited Too arid Bedrock	0.50 0.06
BxG: Koether-----	50	Very limited Droughty Bedrock Too arid	1.00 1.00 0.50
Burlwash-----	35	Somewhat limited Bedrock Too arid Droughty	0.71 0.50 0.20
CgB: Crockett-----	90	Somewhat limited Too arid	0.50

## Soil Survey of Lee County, Texas

Table 13.--Upland Deciduous Trees for Wildlife Habitat--  
Continued

Map symbol and soil name	Pct. of map unit	Upland deciduous trees	
		Rating class and limiting features	Value
ChC: Chazos-----	90	Somewhat limited Too arid	0.50
CrC: Crockett-----	90	Somewhat limited Too arid	0.50
CrC2: Crockett, eroded----	90	Somewhat limited Too arid	0.50
DuC: Dutek-----	85	Somewhat limited Too arid Droughty	0.50 0.08
DwB: Davilla-----	55	Somewhat limited Too arid	0.50
Wilson-----	35	Somewhat limited Too arid	0.50
EdB: Edge-----	85	Somewhat limited Too arid	0.50
EdC2: Edge-----	80	Somewhat limited Too arid	0.50
Edd: Edge-----	85	Somewhat limited Too arid	0.50
EgD: Edge-----	50	Somewhat limited Too arid	0.50
Gullied land-----	50	Not rated	
FaB: Faula-----	85	Somewhat limited Droughty Too arid	0.60 0.50

# Soil Survey of Lee County, Texas

Table 13.--Upland Deciduous Trees for Wildlife Habitat--  
Continued

Map symbol and soil name	Pct. of map unit	Upland deciduous trees	
		Rating class and limiting features	Value
GaB: Gasil-----	90	Somewhat limited Too arid	0.50
GaD: Gasil-----	90	Somewhat limited Too arid	0.50
GgC: Gredge-----	90	Somewhat limited Too arid	0.50
GrC: Gredge-----	90	Somewhat limited Too arid	0.50
GsB: Gasil-----	90	Somewhat limited Too arid	0.50
GsD: Gasil-----	90	Somewhat limited Too arid	0.50
JeD: Jedd-----	90	Somewhat limited Bedrock Too arid Droughty	0.84 0.50 0.11
JeE: Jedd-----	95	Somewhat limited Bedrock Too arid Droughty	0.84 0.50 0.11
JeF: Jedd-----	90	Somewhat limited Bedrock Too arid Droughty	0.65 0.50 0.01
JgD: Jedd-----	90	Somewhat limited Bedrock Too arid Droughty	0.84 0.50 0.11



# Soil Survey of Lee County, Texas

Table 13.--Upland Deciduous Trees for Wildlife Habitat--  
Continued

Map symbol and soil name	Pct. of map unit	Upland deciduous trees	
		Rating class and limiting features	Value
KgC: Kurten-----	85	Somewhat limited Too arid	0.50
KuC: Kurten-----	90	Somewhat limited Too arid	0.50
LeB: Lexton-----	90	Somewhat limited Too arid	0.50
LfA: Lufkin-----	85	Somewhat limited Too arid	0.50
LgB: Luling-----	80	Somewhat limited Too arid	0.50
LuB: Luling-----	80	Somewhat limited Too arid	0.50
LuC: Luling-----	85	Somewhat limited Too arid	0.50
MaA: Mabank-----	85	Somewhat limited Too arid	0.50
MrB: Margie-----	90	Somewhat limited Too arid	0.50
NoC: Normangee-----	85	Somewhat limited Too arid	0.50
NvA: Navasota-----	85	Very limited Depth to saturated zone	1.00
PdC: Padina-----	90	Somewhat limited Droughty Too arid	0.54 0.50

Soil Survey of Lee County, Texas

Table 13.--Upland Deciduous Trees for Wildlife Habitat--  
Continued

Map symbol and soil name	Pct. of map unit	Upland deciduous trees	
		Rating class and limiting features	Value
PdF: Padina-----	90	Somewhat limited Droughty Too arid	0.54 0.50
Pt: Pits and Dumps-----	100	Not rated	
RaB: Rader-----	85	Somewhat limited Depth to saturated zone Too arid	0.99 0.50
ReC: Rehburg-----	85	Somewhat limited Depth to saturated zone Too arid Droughty	0.84 0.50 0.19
RoB: Robco-----	90	Very limited Depth to saturated zone Too arid Droughty	1.00 0.50 0.04
RsC: Rosanky-----	90	Somewhat limited Too arid	0.50
SaA: Sandow-----	85	Somewhat limited Too arid	0.50
SmC: Silawa-----	85	Somewhat limited Too arid	0.50
SnC: Silstid-----	90	Somewhat limited Too arid Droughty	0.50 0.23

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Table 13.--Upland Deciduous Trees for Wildlife Habitat--  
Continued

Map symbol and soil name	Pct. of map unit	Upland deciduous trees	
		Rating class and limiting features	Value
SnD: Silstid-----	90	Somewhat limited Too arid Droughty	0.50 0.23
SoC: Singleton-----	85	Somewhat limited Too arid Bedrock	0.50 0.03
SpC: Spiller-----	90	Somewhat limited Too arid	0.50
TaB: Tabor-----	85	Somewhat limited Too arid	0.50
UcA: Uhland-----	85	Very limited Depth to saturated zone Too arid	1.00 0.50
UfA: Uhland-----	85	Very limited Depth to saturated zone Too arid	1.00 0.50
W: Water-----	100	Not rated	
WgE: Winedale-----	85	Somewhat limited Too arid	0.50
WnB: Wilson-----	85	Somewhat limited Too arid	0.50
WwA: Whitesboro-----	85	Somewhat limited Too arid	0.50

# Soil Survey of Lee County, Texas

Table 13.--Upland Deciduous Trees for Wildlife Habitat--  
Continued

Map symbol and soil name	Pct. of map unit	Upland deciduous trees	
		Rating class and limiting features	Value
ZaC: Zack-----	85	Somewhat limited Too arid	0.50
ZaD: Zack-----	85	Somewhat limited Too arid	0.50
ZbA: Zilaboy-----	90	Very limited Depth to saturated zone	1.00
ZgC: Zack-----	95	Somewhat limited Too arid	0.50
ZuC: Zulch-----	85	Somewhat limited Too arid	0.50

Soil Survey of Lee County, Texas

Table 14.--Riparian Herbaceous Plants, and Shrubs, Vines, and Trees, and Freshwater Wetland Plants for Wildlife Habitat

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Riparian herbaceous plants		Riparian shrubs, vines, and trees		Freshwater wetland plants	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ArD: Arenosa-----	85	Very limited Too sandy Too dry Infrequent flooding	1.00 1.00 1.00	Very limited Too dry Droughty	1.00 1.00 0.99	Very limited Too dry Too sandy Too acid	1.00 1.00 0.50 0.44
BeB: Benchley-----	85	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry	1.00	Very limited Too dry	1.00
BeC: Benchley-----	90	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry	1.00	Very limited Too dry	1.00
BgB: Boonville-----	90	Very limited Infrequent flooding	1.00	Not limited		Not limited	
BoB: Boonville-----	90	Very limited Infrequent flooding	1.00	Not limited		Not limited	
BuC: Burlewash-----	85	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry Droughty	1.00 0.20	Very limited Too dry Too acid	1.00 1.00
BwC: Burlewash-----	85	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry	1.00	Very limited Too dry Too acid	1.00 0.04
BxG: Koether-----	50	Very limited Too dry Infrequent flooding Too gravelly, cobbly, or stony Too sandy	1.00 1.00 0.93 0.50	Very limited Too dry Droughty	1.00 1.00	Very limited Too dry Too acid	1.00 0.44

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Table 14.--Riparian Herbaceous Plants, and Shrubs, Vines, and Trees, and Freshwater Wetland Plants for Wildlife Habitat--Continued

Map symbol and soil name	Pct. of map unit	Riparian herbaceous plants		Riparian shrubs, vines, and trees		Freshwater wetland plants	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Burlewash-----	35	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry Droughty	1.00 0.20	Very limited Too dry Too acid	1.00 1.00
CgB: Crockett-----	90	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry	1.00	Very limited Too dry	1.00
ChC: Chazos-----	90	Very limited Too dry Infrequent flooding Too sandy	1.00 1.00 0.50	Very limited Too dry	1.00	Very limited Too dry	1.00
CrC: Crockett-----	90	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry	1.00	Very limited Too dry	1.00
CrC2: Crockett, eroded----	90	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry	1.00	Very limited Too dry	1.00
DuC: Dutek-----	85	Very limited Too dry Infrequent flooding Too sandy	1.00 1.00 0.50	Very limited Too dry Droughty	1.00 0.08	Very limited Too dry Too acid	1.00 0.22
DwB: Davilla-----	55	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry	1.00	Very limited Too dry	1.00
Wilson-----	35	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry	1.00	Very limited Too dry	1.00
EdB: Edge-----	85	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry	1.00	Very limited Too dry Too acid	1.00 0.22

Soil Survey of Lee County, Texas

Table 14.--Riparian Herbaceous Plants, and Shrubs, Vines, and Trees, and Freshwater Wetland Plants for Wildlife Habitat--Continued

Map symbol and soil name	Pct. of map unit	Riparian herbaceous plants		Riparian shrubs, vines, and trees		Freshwater wetland plants	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
EdC2: Edge-----	80	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry	1.00	Very limited Too dry Too acid	1.00 0.22
EdD: Edge-----	85	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry	1.00	Very limited Too dry Too acid	1.00 0.22
EgD: Edge-----	50	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry	1.00	Very limited Too dry Too acid	1.00 0.22
Gullied land-----	50	Not rated		Not rated		Not rated	
FaB: Faula-----	85	Very limited Too sandy Too dry Infrequent flooding	1.00 1.00 1.00	Very limited Too dry Droughty	1.00 0.60	Very limited Too dry Too sandy	1.00 0.50
GaB: Gasil-----	90	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry	1.00	Very limited Too dry Too acid	1.00 0.04
GaD: Gasil-----	90	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry	1.00	Very limited Too dry Too acid	1.00 0.04
GgC: Gredge-----	90	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry	1.00	Very limited Too dry Too acid	1.00 0.22
GrC: Gredge-----	90	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry	1.00	Very limited Too dry Too acid	1.00 0.22

Soil Survey of Lee County, Texas

Table 14.--Riparian Herbaceous Plants, and Shrubs, Vines, and Trees, and Freshwater Wetland Plants for Wildlife Habitat--Continued

Map symbol and soil name	Pct. of map unit	Riparian herbaceous plants		Riparian shrubs, vines, and trees		Freshwater wetland plants	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
GsB: Gasil-----	90	Very limited Too dry Infrequent flooding Too sandy	1.00 1.00 0.50	Very limited Too dry	1.00	Very limited Too dry Too acid	1.00 0.04
GsD: Gasil-----	90	Very limited Too dry Infrequent flooding Too sandy	1.00 1.00 0.50	Very limited Too dry	1.00	Very limited Too dry Too acid	1.00 0.04
JeD: Jedd-----	90	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry Droughty	1.00 0.11	Very limited Too dry Too acid	1.00 0.44
JeE: Jedd-----	95	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry Droughty	1.00 0.11	Very limited Too dry Too acid	1.00 0.44
JeF: Jedd-----	90	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry Droughty	1.00 0.01	Very limited Too dry Too acid	1.00 0.44
JgD: Jedd-----	90	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry Droughty	1.00 0.11	Very limited Too dry Too acid	1.00 0.44
KgC: Kurten-----	85	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry	1.00	Very limited Too dry Too acid	1.00 0.01
KuC: Kurten-----	90	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry	1.00	Very limited Too dry Too acid	1.00 0.22
LeB: Lexton-----	90	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry	1.00	Very limited Too dry Too acid	1.00 0.04



Soil Survey of Lee County, Texas

Table 14.--Riparian Herbaceous Plants, and Shrubs, Vines, and Trees, and Freshwater Wetland Plants for Wildlife Habitat--Continued

Map symbol and soil name	Pct. of map unit	Riparian herbaceous plants		Riparian shrubs, vines, and trees		Freshwater wetland plants	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
LfA: Lufkin-----	85	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry	1.00	Very limited Too dry Too acid	1.00 0.04
LgB: Luling-----	80	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry	1.00	Very limited Too dry	1.00
LuB: Luling-----	80	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry	1.00	Very limited Too dry	1.00
LuC: Luling-----	85	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry	1.00	Very limited Too dry	1.00
MaA: Mabank-----	85	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry	1.00	Very limited Too dry	1.00
MrB: Margie-----	90	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry	1.00	Very limited Too dry	1.00
NoC: Normangee-----	85	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry	1.00	Very limited Too dry	1.00
NvA: Navasota-----	85	Very limited Long flooding Too dry	1.00 0.29	Very limited Flooding	1.00	Somewhat limited Too dry Too acid	0.29 0.22
PdC: Padina-----	90	Very limited Too dry Infrequent flooding Too sandy	1.00 1.00 0.50	Very limited Too dry Droughty	1.00 0.54	Very limited Too dry	1.00

Soil Survey of Lee County, Texas

Table 14.--Riparian Herbaceous Plants, and Shrubs, Vines, and Trees, and Freshwater Wetland Plants for Wildlife Habitat--Continued

Map symbol and soil name	Pct. of map unit	Riparian herbaceous plants		Riparian shrubs, vines, and trees		Freshwater wetland plants	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
PdF: Padina-----	90	Very limited Too dry Infrequent flooding Too sandy	1.00 1.00 0.50	Very limited Too dry Droughty	1.00 0.54	Very limited Too dry	1.00
Pt: Pits and Dumps-----	100	Not rated		Not rated		Very limited Too dry Excess salt	1.00 1.00
RaB: Rader-----	85	Very limited Too dry Infrequent flooding	1.00 1.00	Somewhat limited Too dry	0.01	Very limited Too dry Too acid	1.00 0.44
ReC: Rehburg-----	85	Very limited Too dry Infrequent flooding Too sandy	1.00 1.00 0.50	Somewhat limited Droughty Too dry	0.19 0.16	Very limited Too dry Too acid	1.00 0.22
RoB: Robco-----	90	Very limited Infrequent flooding Too dry Too sandy	1.00 0.91 0.50	Somewhat limited Droughty	0.04	Somewhat limited Too dry Too acid	0.91 0.44
RsC: Rosanky-----	90	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry	1.00	Very limited Too dry Too acid	1.00 0.14
SaA: Sandow-----	85	Very limited Too dry	1.00	Very limited Too dry	1.00	Very limited Too dry	1.00
SmC: Silawa-----	85	Very limited Too dry Infrequent flooding Too sandy	1.00 1.00 0.50	Very limited Too dry	1.00	Very limited Too dry Too acid	1.00 0.44
SnC: Silstid-----	90	Very limited Too dry Infrequent flooding Too sandy	1.00 1.00 0.50	Very limited Too dry Droughty	1.00 0.23	Very limited Too dry Too acid	1.00 0.04

Soil Survey of Lee County, Texas

Table 14.--Riparian Herbaceous Plants, and Shrubs, Vines, and Trees, and Freshwater Wetland Plants for Wildlife Habitat--Continued

Map symbol and soil name	Pct. of map unit	Riparian herbaceous plants		Riparian shrubs, vines, and trees		Freshwater wetland plants	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
SnD: Silstid-----	90	Very limited Too dry Infrequent flooding Too sandy	1.00 1.00 0.50	Very limited Too dry Droughty	1.00 0.23	Very limited Too dry Too acid	1.00 0.04
SoC: Singleton-----	85	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry	1.00	Very limited Too dry Too acid	1.00 0.44
SpC: Spiller-----	90	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry	1.00	Very limited Too dry Too acid	1.00 0.04
TaB: Tabor-----	85	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry	1.00	Very limited Too dry Too acid	1.00 0.04
UcA: Uhland-----	85	Somewhat limited Too dry	0.98	Not limited		Somewhat limited Too dry	0.98
UfA: Uhland-----	85	Somewhat limited Too dry	0.98	Not limited		Somewhat limited Too dry	0.98
W: Water-----	100	Not rated		Not rated		Not rated	
WgE: Winedale-----	85	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry	1.00	Very limited Too dry Too acid	1.00 0.99
WnB: Wilson-----	85	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry	1.00	Very limited Too dry	1.00
WwA: Whitesboro-----	85	Very limited Too dry	1.00	Very limited Too dry	1.00	Very limited Too dry	1.00

Soil Survey of Lee County, Texas

Table 14.--Riparian Herbaceous Plants, and Shrubs, Vines, and Trees, and Freshwater Wetland Plants for Wildlife Habitat--Continued

Map symbol and soil name	Pct. of map unit	Riparian herbaceous plants		Riparian shrubs, vines, and trees		Freshwater wetland plants	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ZaC: Zack-----	85	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry	1.00	Very limited Too dry Too acid	1.00 0.04
ZaD: Zack-----	85	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry	1.00	Very limited Too dry Too acid	1.00 0.04
ZbA: Zilaboy-----	90	Somewhat limited Too dry	0.53	Not limited		Somewhat limited Too dry	0.53
ZgC: Zack-----	95	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry	1.00	Very limited Too dry Too acid	1.00 0.04
ZuC: Zulch-----	85	Very limited Too dry Infrequent flooding	1.00 1.00	Very limited Too dry	1.00	Very limited Too dry	1.00

## Soil Survey of Lee County, Texas

Table 15.--Dwellings and Small Commercial Buildings

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Dwellings without basements		Dwellings with basements		Small commercial buildings	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ArD: Arenosa-----	100	Not limited		Not limited		Somewhat limited Slope	0.12
BeB: Benchley-----	100	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00
BeC: Benchley-----	100	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00
BgB: Boonville-----	100	Very limited Depth to saturated zone Shrink-swell	1.00  0.50	Very limited Depth to saturated zone Shrink-swell	1.00  0.50	Very limited Depth to saturated zone Shrink-swell	1.00  0.50
BoB: Boonville-----	100	Very limited Depth to saturated zone Shrink-swell	1.00  0.50	Very limited Depth to saturated zone Shrink-swell	1.00  0.50	Very limited Depth to saturated zone Shrink-swell	1.00  0.50
BuC: Burlewash-----	100	Very limited Shrink-swell	1.00	Very limited Shrink-swell Depth to soft bedrock	1.00  0.71	Very limited Shrink-swell	1.00
BwC: Burlewash-----	85	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell Depth to soft bedrock	0.50  0.06	Somewhat limited Shrink-swell	0.50
BxG: Burlewash-----	50	Very limited Shrink-swell Slope	1.00  1.00	Very limited Shrink-swell Slope Depth to soft bedrock	1.00  1.00  0.71	Very limited Slope Shrink-swell	1.00  1.00
Koether-----	50	Very limited Depth to hard bedrock Large stones content Slope	1.00  1.00  1.00	Very limited Depth to hard bedrock Large stones content Slope	1.00  1.00  1.00	Very limited Slope Depth to hard bedrock Large stones content	1.00  1.00  1.00

Soil Survey of Lee County, Texas

Table 15.--Dwellings and Small Commercial Buildings--Continued

Map symbol and soil name	Pct. of map unit	Dwellings without basements		Dwellings with basements		Small commercial buildings	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
CgB: Crockett-----	100	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00
ChC: Chazos-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50
CrC: Crockett-----	100	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00
CrC2: Crockett, eroded----	100	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00
DuC: Dutek-----	100	Not limited		Not limited		Not limited	
DwB: Davilla-----	55	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50
Wilson-----	45	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00
EdB: Edge-----	80	Very limited Shrink-swell	1.00	Somewhat limited Shrink-swell	0.50	Very limited Shrink-swell	1.00
EdC2: Edge-----	80	Very limited Shrink-swell	1.00	Somewhat limited Shrink-swell	0.50	Very limited Shrink-swell	1.00
EdD: Edge-----	80	Very limited Shrink-swell	1.00	Somewhat limited Shrink-swell	0.50	Very limited Shrink-swell Slope	1.00 0.88
EgD: Edge-----	50	Very limited Shrink-swell	1.00	Somewhat limited Shrink-swell	0.50	Very limited Shrink-swell Slope	1.00 0.12
Gullied land-----	50	Not rated		Not rated		Not rated	
FaB: Faula-----	100	Not limited		Not limited		Not limited	
GaB: Gasil-----	100	Not limited		Not limited		Not limited	
GaD: Gasil-----	100	Not limited		Not limited		Somewhat limited Slope	0.12

Soil Survey of Lee County, Texas

Table 15.--Dwellings and Small Commercial Buildings--Continued

Map symbol and soil name	Pct. of map unit	Dwellings without basements		Dwellings with basements		Small commercial buildings	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
GgC: Gredge-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50
GrC: Gredge-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50
GsB: Gasil-----	100	Not limited		Not limited		Not limited	
GsD: Gasil-----	100	Not limited		Not limited		Somewhat limited Slope	0.50
JeD: Jedd-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Depth to soft bedrock Shrink-swell	0.84 0.50	Somewhat limited Slope Shrink-swell	0.50 0.50
JeE: Jedd-----	100	Somewhat limited Slope Shrink-swell	0.84 0.50	Somewhat limited Depth to soft bedrock Slope Shrink-swell	0.84 0.84 0.50	Very limited Slope Shrink-swell	1.00 0.50
JeF: Jedd-----	80	Somewhat limited Slope Shrink-swell	0.96 0.50	Somewhat limited Slope Depth to soft bedrock Shrink-swell	0.96 0.64 0.50	Very limited Slope Shrink-swell	1.00 0.50
JgD: Jedd-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Depth to soft bedrock Shrink-swell	0.84 0.50	Somewhat limited Slope Shrink-swell	0.50 0.50
KgC: Kurten-----	100	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00
KuC: Kurten-----	100	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00
LeB: Lexton-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50

Soil Survey of Lee County, Texas

Table 15.--Dwellings and Small Commercial Buildings--Continued

Map symbol and soil name	Pct. of map unit	Dwellings without basements		Dwellings with basements		Small commercial buildings	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
LfA: Lufkin-----	90	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00
LgB: Luling-----	80	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00
LuB: Luling-----	100	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00
LuC: Luling-----	100	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00
MaA: Mabank-----	90	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00
MrB: Margie-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50
NoC: Normangee-----	100	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00
NvA: Navasota-----	85	Very limited Flooding Shrink-swell	1.00	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 1.00	Very limited Flooding Shrink-swell Depth to saturated zone	1.00 1.00 0.81
PdC: Padina-----	100	Not limited		Not limited		Not limited	
PdF: Padina-----	100	Somewhat limited Slope	0.16	Somewhat limited Slope	0.16	Very limited Slope	1.00
Pt: Pits and Dumps-----	100	Not rated		Not rated		Not rated	
RaB: Rader-----	100	Not limited		Very limited Shrink-swell Depth to saturated zone	1.00 0.95	Not limited	



Soil Survey of Lee County, Texas

Table 15.--Dwellings and Small Commercial Buildings--Continued

Map symbol and soil name	Pct. of map unit	Dwellings without basements		Dwellings with basements		Small commercial buildings	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ReC: Rehburg-----	100	Not limited		Somewhat limited Depth to saturated zone Shrink-swell	0.82 0.50	Not limited	
RoB: Robco-----	100	Not limited		Very limited Depth to saturated zone	0.99	Not limited	
RsC: Rosanky-----	100	Somewhat limited Shrink-swell	0.50	Not limited		Somewhat limited Shrink-swell	0.50
SaA: Sandow-----	90	Very limited Flooding Shrink-swell	1.00 0.50	Very limited Flooding Shrink-swell	1.00 0.50	Very limited Flooding Shrink-swell	1.00 0.50
SmC: Silawa-----	100	Not limited		Not limited		Not limited	
SnC: Silstid-----	100	Not limited		Not limited		Not limited	
SnD: Silstid-----	100	Not limited		Not limited		Somewhat limited Slope	0.88
SoC: Singleton-----	100	Very limited Shrink-swell	1.00	Very limited Shrink-swell Depth to soft bedrock	1.00 0.03	Very limited Shrink-swell	1.00
SpC: Spiller-----	100	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50	Somewhat limited Shrink-swell	0.50
TaB: Tabor-----	100	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00
UcA: Uhland-----	90	Very limited Flooding	1.00	Very limited Flooding Depth to saturated zone	1.00 0.99	Very limited Flooding	1.00
UfA: Uhland-----	90	Very limited Flooding	1.00	Very limited Flooding Depth to saturated zone	1.00 0.99	Very limited Flooding	1.00

Soil Survey of Lee County, Texas

Table 15.--Dwellings and Small Commercial Buildings--Continued

Map symbol and soil name	Pct. of map unit	Dwellings without basements		Dwellings with basements		Small commercial buildings	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
W: Water-----	100	Not rated		Not rated		Not rated	
WgE: Winedale-----	100	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00	Very limited Shrink-swell Slope	1.00 0.12
WnB: Wilson-----	90	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00
WwA: Whitesboro-----	90	Very limited Flooding Shrink-swell	1.00 0.50	Very limited Flooding Shrink-swell	1.00 0.50	Very limited Flooding Shrink-swell	1.00 0.50
ZaC: Zack-----	85	Very limited Shrink-swell	1.00	Not limited		Very limited Shrink-swell	1.00
ZaD: Zack-----	100	Somewhat limited Shrink-swell	0.50	Not limited		Somewhat limited Slope Shrink-swell	0.88 0.50
ZbA: Zilaboy-----	75	Very limited Flooding Shrink-swell	1.00 1.00	Very limited Flooding Depth to saturated zone Shrink-swell	1.00 1.00 1.00	Very limited Flooding Shrink-swell	1.00 1.00
		Depth to saturated zone	0.39			Depth to saturated zone	0.39
ZgC: Zack-----	85	Somewhat limited Shrink-swell	0.50	Not limited		Somewhat limited Shrink-swell	0.50
ZuC: Zulch-----	100	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00	Very limited Shrink-swell	1.00

## Soil Survey of Lee County, Texas

Table 16.--Roads and Streets, Shallow Excavations, and Lawns and Landscaping

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ArD: Arenosa-----	100	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.99
BeB: Benchley-----	100	Very limited Low strength Shrink-swell	1.00 1.00	Somewhat limited Cutbanks cave Too clayey	0.10 0.02	Not limited	
BeC: Benchley-----	100	Very limited Low strength Shrink-swell	1.00 1.00	Somewhat limited Cutbanks cave Too clayey	0.10 0.02	Not limited	
BgB: Boonville-----	100	Very limited Depth to saturated zone Low strength Shrink-swell	1.00 1.00 0.50	Very limited Depth to saturated zone Too clayey Cutbanks cave	1.00 0.12 0.10	Very limited Depth to saturated zone	1.00
BoB: Boonville-----	100	Very limited Depth to saturated zone Low strength Shrink-swell	1.00 1.00 0.50	Very limited Depth to saturated zone Too clayey Cutbanks cave	1.00 0.12 0.10	Very limited Depth to saturated zone	1.00
BuC: Burlewash-----	100	Very limited Shrink-swell  Low strength	1.00  1.00	Somewhat limited Depth to soft bedrock Too clayey Cutbanks cave	0.71  0.28 0.10	Somewhat limited Depth to bedrock  Droughty	0.71  0.21
BwC: Burlewash-----	85	Very limited Low strength Shrink-swell	1.00 0.50	Somewhat limited Too clayey Cutbanks cave Depth to soft bedrock	0.12 0.10 0.06	Somewhat limited Gravel content Depth to bedrock	0.47 0.06
BxG: Burlewash-----	50	Very limited Shrink-swell Low strength  Slope	1.00 1.00  1.00	Very limited Slope Depth to soft bedrock Too clayey	1.00 0.71  0.28	Very limited Slope Depth to bedrock  Droughty	1.00 0.71  0.21

Soil Survey of Lee County, Texas

Table 16.--Roads and Streets, Shallow Excavations, and Lawns and Landscaping--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Koether-----	50	Very limited Depth to hard bedrock Large stones content Slope	1.00 1.00 1.00	Very limited Depth to hard bedrock Large stones content Slope	1.00 1.00 1.00	Very limited Large stones content Droughty Depth to bedrock	1.00 1.00 1.00
CgB: Crockett-----	100	Very limited Low strength Shrink-swell	1.00 1.00	Somewhat limited Too clayey Cutbanks cave	0.12 0.10	Somewhat limited Large stones content Gravel content	0.03 0.02
ChC: Chazos-----	100	Very limited Low strength Shrink-swell	1.00 0.50	Somewhat limited Cutbanks cave Too clayey	0.10 0.03	Not limited	
CrC: Crockett-----	100	Very limited Low strength Shrink-swell	1.00 1.00	Somewhat limited Too clayey Cutbanks cave	0.12 0.10	Not limited	
CrC2: Crockett, eroded----	100	Very limited Low strength Shrink-swell	1.00 1.00	Somewhat limited Too clayey Cutbanks cave	0.12 0.10	Not limited	
DuC: Dutek-----	100	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.10
DwB: Davilla-----	55	Very limited Low strength Shrink-swell	1.00 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
Wilson-----	45	Very limited Low strength Shrink-swell	1.00 1.00	Somewhat limited Too clayey Cutbanks cave	0.28 0.10	Not limited	
EdB: Edge-----	80	Very limited Low strength Shrink-swell	1.00 1.00	Somewhat limited Too clayey Cutbanks cave	0.28 0.10	Not limited	
EdC2: Edge-----	80	Very limited Low strength Shrink-swell	1.00 1.00	Somewhat limited Too clayey Cutbanks cave	0.28 0.10	Not limited	
EdD: Edge-----	80	Very limited Low strength Shrink-swell	1.00 1.00	Somewhat limited Too clayey Cutbanks cave	0.28 0.10	Not limited	

Soil Survey of Lee County, Texas

Table 16.--Roads and Streets, Shallow Excavations, and Lawns and Landscaping--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
EgD:							
Edge-----	50	Very limited Low strength Shrink-swell	1.00 1.00	Somewhat limited Too clayey Cutbanks cave	0.28 0.10	Not limited	
Gullied land-----	50	Not rated		Not rated		Not rated	
FaB:							
Faula-----	100	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.61
GaB:							
Gasil-----	100	Not limited		Somewhat limited Cutbanks cave	0.10	Not limited	
GaD:							
Gasil-----	100	Not limited		Somewhat limited Cutbanks cave	0.10	Not limited	
GgC:							
Gredge-----	100	Very limited Low strength Shrink-swell	1.00 0.50	Somewhat limited Too clayey Cutbanks cave	0.28 0.10	Not limited	
GrC:							
Gredge-----	100	Very limited Low strength Shrink-swell	1.00 0.50	Somewhat limited Too clayey Cutbanks cave	0.28 0.10	Not limited	
GsB:							
Gasil-----	100	Not limited		Somewhat limited Cutbanks cave	0.10	Not limited	
GsD:							
Gasil-----	100	Not limited		Somewhat limited Cutbanks cave	0.10	Not limited	
JeD:							
Jedd-----	100	Very limited Low strength  Shrink-swell	1.00  0.50	Somewhat limited Depth to soft bedrock Too clayey Cutbanks cave	0.84  0.12 0.10	Somewhat limited Large stones content Depth to bedrock Droughty	0.95  0.84 0.12
JeE:							
Jedd-----	100	Very limited Low strength  Slope Shrink-swell	1.00  0.84 0.50	Somewhat limited Depth to soft bedrock Slope Too clayey	0.84  0.84 0.12	Somewhat limited Large stones content Depth to bedrock Slope	0.95  0.84 0.84

Soil Survey of Lee County, Texas

Table 16.--Roads and Streets, Shallow Excavations, and Lawns and Landscaping--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
JeF: Jedd-----	80	Very limited Low strength Slope	1.00 0.96	Somewhat limited Slope Depth to soft bedrock	0.96 0.64	Somewhat limited Slope Depth to bedrock	0.96 0.65
		Shrink-swell	0.50	Cutbanks cave	0.10	Droughty	0.01
JgD: Jedd-----	100	Very limited Low strength	1.00	Somewhat limited Depth to soft bedrock	0.84	Somewhat limited Large stones content	0.95
		Shrink-swell	0.50	Too clayey Cutbanks cave	0.12 0.10	Depth to bedrock Droughty	0.84 0.12
KgC: Kurten-----	100	Very limited Low strength Shrink-swell	1.00 1.00	Somewhat limited Too clayey Cutbanks cave	0.72 0.10	Not limited	
KuC: Kurten-----	100	Very limited Low strength Shrink-swell	1.00 1.00	Somewhat limited Too clayey Cutbanks cave	0.12 0.10	Not limited	
LeB: Lexton-----	100	Very limited Low strength Shrink-swell	1.00 0.50	Very limited Cutbanks cave Too clayey	1.00 0.12	Not limited	
LfA: Lufkin-----	90	Very limited Shrink-swell Low strength	1.00 1.00	Somewhat limited Cutbanks cave Too clayey	0.10 0.03	Not limited	
LgB: Luling-----	80	Very limited Shrink-swell Low strength	1.00 1.00	Very limited Cutbanks cave Too clayey	1.00 0.28	Very limited Too clayey	1.00
LuB: Luling-----	100	Very limited Shrink-swell Low strength	1.00 1.00	Very limited Cutbanks cave Too clayey	1.00 0.50	Very limited Too clayey	1.00
LuC: Luling-----	100	Very limited Shrink-swell Low strength	1.00 1.00	Very limited Cutbanks cave Too clayey	1.00 0.50	Very limited Too clayey	1.00
MaA: Mabank-----	90	Very limited Low strength Shrink-swell	1.00 1.00	Somewhat limited Cutbanks cave Too clayey	0.10 0.03	Not limited	

Soil Survey of Lee County, Texas

Table 16.--Roads and Streets, Shallow Excavations, and Lawns and Landscaping--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
MrB: Margie-----	100	Very limited Low strength Shrink-swell	1.00 0.50	Somewhat limited Too clayey Cutbanks cave	0.28 0.10	Not limited	
NoC: Normangee-----	100	Very limited Low strength Shrink-swell	1.00 1.00	Somewhat limited Too clayey Cutbanks cave	0.12 0.10	Not limited	
NVA: Navasota-----	85	Very limited Shrink-swell  Flooding Low strength	1.00 1.00 1.00	Very limited Depth to saturated zone Cutbanks cave Flooding	1.00 1.00 0.80	Very limited Flooding  Too clayey Depth to saturated zone	1.00 1.00 0.48
PdC: Padina-----	100	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.56
PdF: Padina-----	100	Somewhat limited Slope	0.16	Very limited Cutbanks cave Slope	1.00 0.16	Somewhat limited Droughty Slope	0.56 0.16
Pt: Pits and Dumps-----	100	Not rated		Not rated		Not rated	
RaB: Rader-----	100	Not limited		Somewhat limited Depth to saturated zone Cutbanks cave Too clayey	0.95 0.10 0.03	Not limited	
ReC: Rehburg-----	100	Not limited		Very limited Cutbanks cave Depth to saturated zone	1.00 0.82	Somewhat limited Droughty	0.21
RoB: Robco-----	100	Not limited		Very limited Cutbanks cave Depth to saturated zone	1.00 0.99	Somewhat limited Droughty	0.05
RsC: Rosanky-----	100	Very limited Low strength Shrink-swell	1.00 0.50	Somewhat limited Cutbanks cave Too clayey	0.10 0.03	Not limited	

Soil Survey of Lee County, Texas

Table 16.--Roads and Streets, Shallow Excavations, and Lawns and Landscaping--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
SaA: Sandow-----	90	Very limited Flooding Low strength Shrink-swell	1.00 1.00 0.50	Somewhat limited Flooding Cutbanks cave	0.80 0.10	Very limited Flooding	1.00
							SmC:
Silawa-----	100	Not limited		Somewhat limited Cutbanks cave	0.10	Not limited	
SnC: Silstid-----	100	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.25
SnD: Silstid-----	100	Not limited		Very limited Cutbanks cave	1.00	Somewhat limited Droughty	0.25
SoC: Singleton-----	100	Very limited Low strength Shrink-swell	1.00 1.00	Somewhat limited Cutbanks cave Too clayey Depth to soft bedrock	0.10 0.03 0.03	Somewhat limited Depth to bedrock	0.03
SpC: Spiller-----	100	Very limited Low strength Shrink-swell	1.00 0.50	Somewhat limited Cutbanks cave	0.10	Not limited	
TaB: Tabor-----	100	Very limited Low strength Shrink-swell	1.00 1.00	Somewhat limited Too clayey Cutbanks cave	0.28 0.10	Not limited	
UcA: Uhland-----	90	Very limited Flooding	1.00	Somewhat limited Depth to saturated zone Flooding Cutbanks cave	0.99 0.80 0.10	Very limited Flooding	1.00
UfA: Uhland-----	90	Very limited Flooding	1.00	Somewhat limited Depth to saturated zone Flooding Cutbanks cave	0.99 0.80 0.10	Very limited Flooding	1.00
W: Water-----	100	Not rated		Not rated		Not rated	



Soil Survey of Lee County, Texas

Table 16.--Roads and Streets, Shallow Excavations, and Lawns and Landscaping--Continued

Map symbol and soil name	Pct. of map unit	Local roads and streets		Shallow excavations		Lawns and landscaping	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
WgE: Winedale-----	100	Very limited Shrink-swell Low strength	1.00 1.00	Very limited Too clayey Cutbanks cave	1.00 0.10	Somewhat limited Gravel content	0.47
WnB: Wilson-----	90	Very limited Low strength Shrink-swell	1.00 1.00	Somewhat limited Too clayey Cutbanks cave	0.28 0.10	Not limited	WwA:
Whitesboro-----	90	Very limited Flooding Low strength Shrink-swell	1.00 1.00 0.50	Somewhat limited Flooding Cutbanks cave	0.80 0.10	Very limited Flooding	1.00
ZaC: Zack-----	85	Very limited Low strength Shrink-swell	1.00 1.00	Somewhat limited Too clayey Cutbanks cave	0.50 0.10	Not limited	
ZaD: Zack-----	100	Very limited Low strength Shrink-swell	1.00 0.50	Somewhat limited Too clayey Cutbanks cave	0.12 0.10	Not limited	
ZbA: Zilaboy-----	75	Very limited Flooding Low strength Shrink-swell	1.00 1.00 1.00	Very limited Depth to saturated zone Cutbanks cave Flooding	1.00 1.00 0.80	Very limited Flooding Too clayey Depth to saturated zone	1.00 1.00 0.19
ZgC: Zack-----	85	Very limited Low strength Shrink-swell	1.00 0.50	Somewhat limited Too clayey Cutbanks cave	0.12 0.10	Somewhat limited Gravel content	0.47
ZuC: Zulch-----	100	Very limited Low strength Shrink-swell	1.00 1.00	Somewhat limited Too clayey Cutbanks cave	0.12 0.10	Not limited	

# Soil Survey of Lee County, Texas

Table 17.--Sewage Disposal

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
ArD: Arenosa-----	100	Very limited Seepage, bottom layer Filtering capacity	1.00 1.00	Very limited Seepage Slope	1.00 0.68
BeB: Benchley-----	100	Very limited Slow water movement	1.00	Not limited	
BeC: Benchley-----	100	Very limited Slow water movement	1.00	Somewhat limited Slope	0.32
BgB: Boonville-----	100	Very limited Slow water movement Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Seepage	1.00 0.50
BoB: Boonville-----	100	Very limited Slow water movement Depth to saturated zone	1.00 1.00	Very limited Depth to saturated zone Seepage	1.00 0.50
BuC: Burlewash-----	100	Very limited Slow water movement Depth to bedrock	1.00 1.00	Very limited Depth to soft bedrock Slope	1.00 0.08
BwC: Burlewash-----	85	Very limited Slow water movement Depth to bedrock	1.00 1.00	Very limited Depth to soft bedrock Slope	1.00 0.08
BxG: Burlewash-----	50	Very limited Slow water movement Depth to bedrock Slope	1.00 1.00 1.00	Very limited Depth to soft bedrock Slope	1.00 1.00

Soil Survey of Lee County, Texas

Table 17.--Sewage Disposal--Continued

Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Koether-----	50	Very limited Depth to bedrock	1.00	Very limited Depth to hard bedrock	1.00
		Seepage, bottom layer	1.00	Slope	1.00
		Large stones content	1.00	Large stones content	1.00
CgB: Crockett-----	100	Very limited Slow water movement	1.00	Somewhat limited Slope	0.08
ChC: Chazos-----	100	Very limited Slow water movement	1.00	Somewhat limited Slope	0.08
CrC: Crockett-----	100	Very limited Slow water movement	1.00	Somewhat limited Slope	0.08
CrC2: Crockett, eroded----	100	Very limited Slow water movement	1.00	Somewhat limited Slope	0.32
DuC: Dutek-----	100	Very limited Seepage, bottom layer	1.00	Very limited Seepage	1.00
		Slow water movement	0.50	Slope	0.08
DwB: Davilla-----	55	Very limited Slow water movement	1.00	Not limited	
Wilson-----	45	Very limited Slow water movement	1.00	Not limited	
EdB: Edge-----	80	Very limited Slow water movement	1.00	Not limited	
EdC2: Edge-----	80	Very limited Slow water movement	1.00	Somewhat limited Slope	0.32

Soil Survey of Lee County, Texas

Table 17.--Sewage Disposal--Continued

Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
EdD: Edge-----	80	Very limited Slow water movement	1.00	Very limited Slope	1.00
EgD: Edge-----	50	Very limited Slow water movement	1.00	Somewhat limited Slope	0.68
Gullied land-----	50	Not rated		Not rated	
FaB: Faula-----	100	Very limited Seepage, bottom layer Filtering capacity	1.00 1.00	Very limited Seepage Slope	1.00 0.08
GaB: Gasil-----	100	Somewhat limited Slow water movement	0.50	Very limited Seepage	1.00
GaD: Gasil-----	100	Somewhat limited Slow water movement	0.50	Very limited Seepage Slope	1.00 0.68
GgC: Gredge-----	100	Very limited Slow water movement	1.00	Somewhat limited Slope	0.08
GrC: Gredge-----	100	Very limited Slow water movement	1.00	Somewhat limited Slope	0.08
GsB: Gasil-----	100	Somewhat limited Slow water movement	0.50	Very limited Seepage	1.00
GsD: Gasil-----	100	Somewhat limited Slow water movement	0.50	Very limited Seepage Slope	1.00 0.92

Soil Survey of Lee County, Texas

Table 17.--Sewage Disposal--Continued

Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
JeD: Jedd-----	100	Very limited Slow water movement Depth to bedrock	1.00 1.00	Very limited Depth to soft bedrock Slope	1.00 0.92
JeE: Jedd-----	100	Very limited Slow water movement Depth to bedrock Slope	1.00 1.00 0.84	Very limited Depth to soft bedrock Slope	1.00 1.00
JeF: Jedd-----	80	Very limited Slow water movement Depth to bedrock Slope	1.00 1.00 0.96	Very limited Depth to soft bedrock Slope Seepage	1.00 1.00 0.50
JgD: Jedd-----	100	Very limited Slow water movement Depth to bedrock	1.00 1.00	Very limited Depth to soft bedrock Slope	1.00 0.92
KgC: Kurten-----	100	Very limited Slow water movement	1.00	Somewhat limited Slope	0.08
KuC: Kurten-----	100	Very limited Slow water movement	1.00	Somewhat limited Slope	0.08
LeB: Lexton-----	100	Very limited Slow water movement	1.00	Somewhat limited Seepage	0.27
LfA: Lufkin-----	90	Very limited Slow water movement	1.00	Not limited	
LgB: Luling-----	80	Very limited Slow water movement	1.00	Not limited	
LuB: Luling-----	100	Very limited Slow water movement	1.00	Not limited	

Soil Survey of Lee County, Texas

Table 17.--Sewage Disposal--Continued

Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
LuC: Luling-----	100	Very limited Slow water movement	1.00	Somewhat limited Slope	0.32
MaA: Mabank-----	90	Very limited Slow water movement	1.00	Not limited	
MrB: Margie-----	100	Very limited Slow water movement	1.00	Not limited	
NoC: Normangee-----	100	Very limited Slow water movement	1.00	Somewhat limited Slope	0.08
NvA: Navasota-----	85	Very limited Flooding Slow water movement Depth to saturated zone	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 0.94
PdC: Padina-----	100	Somewhat limited Slow water movement	0.50	Very limited Seepage Slope	1.00 0.08
PdF: Padina-----	100	Somewhat limited Slow water movement Slope	0.50 0.16	Very limited Seepage Slope	1.00 1.00
Pt: Pits and Dumps-----	100	Not rated		Not rated	
RaB: Rader-----	100	Very limited Slow water movement Depth to saturated zone	1.00 1.00	Very limited Seepage	1.00

Soil Survey of Lee County, Texas

Table 17.--Sewage Disposal--Continued

Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
ReC: Rehburg-----	100	Very limited Slow water movement Depth to saturated zone Depth to bedrock	1.00 1.00 0.27	Very limited Seepage Slope	1.00 0.08
RoB: Robco-----	100	Very limited Slow water movement Depth to saturated zone	1.00 1.00	Very limited Seepage Depth to saturated zone	1.00 0.17
RsC: Rosanky-----	100	Very limited Slow water movement Depth to bedrock	1.00 0.11	Somewhat limited Slope	0.08
SaA: Sandow-----	90	Very limited Flooding Slow water movement	1.00 0.50	Very limited Flooding Seepage	1.00 0.50
SmC: Silawa-----	100	Very limited Seepage, bottom layer Slow water movement	1.00 0.50	Very limited Seepage Slope	1.00 0.08
SnC: Silstid-----	100	Somewhat limited Slow water movement	0.50	Very limited Seepage Slope	1.00 0.08
SnD: Silstid-----	100	Somewhat limited Slow water movement	0.50	Very limited Seepage Slope	1.00 1.00
SoC: Singleton-----	100	Very limited Slow water movement Depth to bedrock	1.00 1.00	Very limited Depth to soft bedrock Slope	1.00 0.08

Soil Survey of Lee County, Texas

Table 17.--Sewage Disposal--Continued

Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
SpC: Spiller-----	100	Very limited Slow water movement	1.00	Very limited Seepage  Slope	1.00  0.08
TaB: Tabor-----	100	Very limited  Slow water movement	1.00	Somewhat limited  Seepage	  0.50
UcA: Uhland-----	90	Very limited Flooding Depth to saturated zone Slow water movement	1.00 1.00 1.00	Very limited Flooding Seepage  Depth to saturated zone	1.00 0.50  0.04
UfA: Uhland-----	90	Very limited Flooding Depth to saturated zone Slow water movement	1.00 1.00 1.00	Very limited Flooding Seepage  Depth to saturated zone	1.00 0.50  0.04
W: Water-----	100	Not rated		Not rated	
WgE: Winedale-----	100	Very limited Slow water movement	1.00	Somewhat limited Slope	0.68
WnB: Wilson-----	90	Very limited Slow water movement	1.00	Not limited	
WwA: Whitesboro-----	90	Very limited Flooding Slow water movement	1.00 0.50	Very limited Flooding Seepage	1.00 0.50
ZaC: Zack-----	85	Very limited Slow water movement	1.00	Somewhat limited Slope	0.08



Soil Survey of Lee County, Texas

Table 17.--Sewage Disposal--Continued

Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
ZaD: Zack-----	100	Very limited Slow water movement	1.00	Very limited Slope	1.00
ZbA: Zilaboy-----	75	Very limited Flooding Slow water movement Depth to saturated zone	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00
ZgC: Zack-----	85	Very limited Slow water movement	1.00	Somewhat limited Slope	0.08
ZuC: Zulch-----	100	Very limited Slow water movement	1.00	Somewhat limited Slope	0.08

Soil Survey of Lee County, Texas

Table 18.--Landfills

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Trench sanitary landfill		Area sanitary landfill		Daily cover for landfill	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ArD: Arenosa-----	100	Very limited Seepage, bottom layer Too sandy	1.00  1.00	Very limited Seepage	1.00	Very limited Too sandy Seepage	1.00  1.00
BeB: Benchley-----	100	Very limited Too clayey	1.00	Not limited		Very limited Too clayey Hard to compact	1.00 1.00
BeC: Benchley-----	100	Very limited Too clayey	1.00	Not limited		Very limited Too clayey Hard to compact	1.00 1.00
BgB: Boonville-----	100	Very limited Depth to saturated zone Too clayey	1.00  0.50	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone Hard to compact Too clayey	1.00  1.00 0.50
BoB: Boonville-----	100	Very limited Depth to saturated zone Too clayey	1.00  0.50	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone Hard to compact Too clayey	1.00  1.00 0.50
BuC: Burlewash-----	100	Very limited Depth to bedrock Too clayey	1.00  1.00	Very limited Depth to bedrock	1.00	Very limited Too clayey Hard to compact Depth to bedrock	1.00 1.00 1.00
BwC: Burlewash-----	85	Very limited Depth to bedrock Too clayey	1.00  0.50	Very limited Depth to bedrock	1.00	Very limited Depth to bedrock Too clayey	1.00  0.50
BxG: Burlewash-----	50	Very limited Depth to bedrock Too clayey Slope	1.00 1.00 1.00	Very limited Depth to bedrock Slope	1.00 1.00	Very limited Too clayey Hard to compact Depth to bedrock	1.00 1.00 1.00

Soil Survey of Lee County, Texas

Table 18.--Landfills--Continued

Map symbol and soil name	Pct. of map unit	Trench sanitary landfill		Area sanitary landfill		Daily cover for landfill	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Koether-----	50	Very limited Depth to bedrock Seepage, bottom layer Large stones	1.00 1.00 1.00	Very limited Depth to bedrock Slope	1.00 1.00	Very limited Depth to bedrock Seepage  Large stones	1.00 1.00  1.00
CgB: Crockett-----	100	Very limited Too clayey	1.00	Not limited		Very limited Too clayey Hard to compact	1.00 1.00
ChC: Chazos-----	100	Somewhat limited Too clayey	0.50	Not limited		Very limited Hard to compact Too clayey	1.00 0.50
CrC: Crockett-----	100	Very limited Too clayey	1.00	Not limited		Very limited Too clayey Hard to compact	1.00 1.00
CrC2: Crockett, eroded----	100	Very limited Too clayey	1.00	Not limited		Very limited Too clayey Hard to compact	1.00 1.00
DuC: Dutek-----	100	Very limited Seepage, bottom layer Too sandy	1.00 0.50	Very limited Seepage	1.00	Very limited Seepage  Too sandy	1.00  0.50
DwB: Davilla-----	55	Somewhat limited Too clayey	0.50	Not limited		Very limited Hard to compact Too clayey	1.00 0.50
Wilson-----	45	Very limited Too clayey	1.00	Not limited		Very limited Too clayey Hard to compact	1.00 1.00
EdB: Edge-----	80	Not limited		Not limited		Very limited Too clayey Hard to compact	1.00 1.00
EdC2: Edge-----	80	Not limited		Not limited		Very limited Too clayey Hard to compact	1.00 1.00
EdD: Edge-----	80	Not limited		Not limited		Very limited Too clayey Hard to compact	1.00 1.00

Soil Survey of Lee County, Texas

Table 18.--Landfills--Continued

Map symbol and soil name	Pct. of map unit	Trench sanitary landfill		Area sanitary landfill		Daily cover for landfill	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
EgD: Edge-----	50	Not limited		Not limited		Very limited Too clayey Hard to compact	1.00 1.00
Gullied land-----	50	Not rated		Very limited Seepage	1.00	Not rated	
FaB: Faula-----	100	Very limited Seepage, bottom layer Too sandy	1.00 0.50	Very limited Seepage	1.00	Very limited Seepage Too sandy	1.00 0.50
GaB: Gasil-----	100	Not limited		Not limited		Not limited	
GaD: Gasil-----	100	Not limited		Not limited		Not limited	
GgC: Gredge-----	100	Somewhat limited Too clayey	0.50	Not limited		Very limited Hard to compact Too clayey	1.00 0.50
GrC: Gredge-----	100	Somewhat limited Too clayey	0.50	Not limited		Very limited Hard to compact Too clayey	1.00 0.50
GsB: Gasil-----	100	Not limited		Not limited		Not limited	
GsD: Gasil-----	100	Not limited		Not limited		Not limited	
JeD: Jedd-----	100	Very limited Depth to bedrock Too clayey	1.00 1.00	Very limited Depth to bedrock	1.00	Very limited Too clayey Hard to compact Depth to bedrock	1.00 1.00 1.00
JeE: Jedd-----	100	Very limited Depth to bedrock Too clayey Slope	1.00 1.00 0.84	Very limited Depth to bedrock Slope	1.00 0.84	Very limited Too clayey Hard to compact Depth to bedrock	1.00 1.00 1.00
JeF: Jedd-----	80	Very limited Depth to bedrock Too clayey Slope	1.00 1.00 0.96	Very limited Depth to bedrock Slope	1.00 0.96	Very limited Too clayey Hard to compact Depth to bedrock	1.00 1.00 1.00

Soil Survey of Lee County, Texas

Table 18.--Landfills--Continued

Map symbol and soil name	Pct. of map unit	Trench sanitary landfill		Area sanitary landfill		Daily cover for landfill	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
JgD: Jedd-----	100	Very limited Depth to bedrock Too clayey	1.00 1.00	Very limited Depth to bedrock	1.00	Very limited Too clayey Hard to compact  Depth to bedrock	1.00 1.00 1.00
KgC: Kurten-----	100	Somewhat limited Too clayey	0.50	Not limited		Very limited Too clayey Hard to compact	1.00 1.00
KuC: Kurten-----	100	Very limited Too clayey	1.00	Not limited		Very limited Too clayey Hard to compact	1.00 1.00
LeB: Lexton-----	100	Very limited Too clayey	1.00	Not limited		Very limited Too clayey Hard to compact	1.00 1.00
LfA: Lufkin-----	90	Very limited Too clayey	1.00	Not limited		Very limited Too clayey Hard to compact	1.00 1.00
LgB: Luling-----	80	Very limited Too clayey	1.00	Not limited		Very limited Too clayey Hard to compact	1.00 1.00
LuB: Luling-----	100	Very limited Too clayey	1.00	Not limited		Very limited Too clayey Hard to compact	1.00 1.00
LuC: Luling-----	100	Very limited Too clayey	1.00	Not limited		Very limited Too clayey Hard to compact	1.00 1.00
MaA: Mabank-----	90	Very limited Too clayey	1.00	Not limited		Very limited Too clayey Hard to compact	1.00 1.00
MrB: Margie-----	100	Very limited Too clayey	1.00	Not limited		Very limited Too clayey Hard to compact	1.00 1.00

Soil Survey of Lee County, Texas

Table 18.--Landfills--Continued

Map symbol and soil name	Pct. of map unit	Trench sanitary landfill		Area sanitary landfill		Daily cover for landfill	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
NoC: Normangee-----	100	Very limited Too clayey	1.00	Not limited		Very limited Too clayey Hard to compact	1.00 1.00
NVA: Navasota-----	85	Very limited Flooding Depth to saturated zone Too clayey	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 0.94	Very limited Too clayey Hard to compact  Depth to saturated zone	1.00 1.00  0.96
PdC: Padina-----	100	Somewhat limited Too sandy	0.50	Very limited Seepage	1.00	Very limited Seepage Too sandy	1.00 0.50
PdF: Padina-----	100	Somewhat limited Too sandy Slope	0.50 0.16	Very limited Seepage Slope	1.00 0.16	Very limited Seepage Too sandy Slope	1.00 0.50 0.16
Pt: Pits and Dumps-----	100	Not rated		Very limited Seepage Slope	1.00 0.63	Not rated	
RaB: Rader-----	100	Somewhat limited Too clayey Depth to saturated zone	0.50 0.44	Very limited Seepage	1.00	Very limited Hard to compact Too clayey  Depth to saturated zone	1.00 0.50  0.09
ReC: Rehburg-----	100	Very limited Depth to bedrock Depth to saturated zone	1.00 0.09	Very limited Seepage	1.00	Not limited	
RoB: Robco-----	100	Somewhat limited Depth to saturated zone Too sandy	0.84 0.50	Very limited Seepage  Depth to saturated zone	1.00 0.17	Somewhat limited Too sandy  Depth to saturated zone	0.50  0.44
RsC: Rosanky-----	100	Very limited Depth to bedrock Too clayey	1.00 0.50	Not limited		Somewhat limited Too clayey	0.50

Soil Survey of Lee County, Texas

Table 18.--Landfills--Continued

Map symbol and soil name	Pct. of map unit	Trench sanitary landfill		Area sanitary landfill		Daily cover for landfill	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
SaA: Sandow-----	90	Very limited Flooding	1.00	Very limited Flooding	1.00	Not limited	
SmC: Silawa-----	100	Very limited Seepage, bottom layer	1.00	Very limited Seepage	1.00	Not limited	
SnC: Silstid-----	100	Somewhat limited Too sandy	0.50	Very limited Seepage	1.00	Somewhat limited Too sandy	0.50
SnD: Silstid-----	100	Somewhat limited Too sandy	0.50	Very limited Seepage	1.00	Somewhat limited Too sandy	0.50
SoC: Singleton-----	100	Very limited Depth to bedrock Too clayey	1.00 1.00	Very limited Depth to bedrock	1.00	Very limited Too clayey Hard to compact Depth to bedrock	1.00 1.00 1.00
SpC: Spiller-----	100	Very limited Too clayey	1.00	Not limited		Very limited Too clayey Hard to compact	1.00 1.00
TaB: Tabor-----	100	Very limited Too clayey	1.00	Not limited		Very limited Too clayey Hard to compact	1.00 1.00
UcA: Uhland-----	90	Very limited Flooding	1.00	Very limited Flooding	1.00	Somewhat limited Depth to saturated zone	0.24
		Depth to saturated zone	0.68	Depth to saturated zone	0.04		
UfA: Uhland-----	90	Very limited Flooding	1.00	Very limited Flooding	1.00	Somewhat limited Depth to saturated zone	0.24
		Depth to saturated zone	0.68	Depth to saturated zone	0.04		
W: Water-----	100	Not rated		Not rated		Not rated	
WgE: Winedale-----	100	Very limited Too clayey	1.00	Not limited		Very limited Too clayey Hard to compact	1.00 1.00

Soil Survey of Lee County, Texas

Table 18.--Landfills--Continued

Map symbol and soil name	Pct. of map unit	Trench sanitary landfill		Area sanitary landfill		Daily cover for landfill	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
WnB: Wilson-----	90	Very limited Too clayey	1.00	Not limited		Very limited Too clayey Hard to compact	1.00 1.00
WwA: Whitesboro-----	90	Very limited Flooding	1.00	Very limited Flooding	1.00	Not limited	
ZaC: Zack-----	85	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
ZaD: Zack-----	100	Somewhat limited Too clayey	0.50	Not limited		Somewhat limited Too clayey	0.50
ZbA: Zilaboy-----	75	Very limited Flooding Depth to saturated zone Too clayey	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00	Very limited Too clayey Hard to compact  Depth to saturated zone	1.00 1.00  0.86
ZgC: Zack-----	85	Not limited		Not limited		Not limited	
ZuC: Zulch-----	100	Very limited Too clayey	1.00	Not limited		Very limited Too clayey Hard to compact	1.00 1.00



# Soil Survey of Lee County, Texas

Table 19.--Source of Gravel and Sand

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The ratings given for the thickest layer are for the thickest layer above and excluding the bottom layer. The numbers in the value columns range from 0.00 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Potential source of gravel		Potential source of sand	
		Rating class	Value	Rating class	Value
ArD: Arenosa-----	100	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.40
		Thickest layer	0.00	Thickest layer	0.40
BeB: Benchley-----	100	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
BeC: Benchley-----	100	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
BgB: Boonville-----	100	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
BoB: Boonville-----	100	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
BuC: Burlewash-----	100	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
BwC: Burlewash-----	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
BxG: Burlewash-----	50	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Koether-----	50	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
CgB: Crockett-----	100	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00

Soil Survey of Lee County, Texas

Table 19.--Source of Gravel and Sand--Continued

Map symbol and soil name	Pct. of map unit	Potential source of gravel		Potential source of sand	
		Rating class	Value	Rating class	Value
ChC: Chazos-----	100	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.07
CrC: Crockett-----	100	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
CrC2: Crockett, eroded----	100	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
DuC: Dutek-----	100	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.07
DwB: Davilla-----	55	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Wilson-----	45	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
EdB: Edge-----	80	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
EdC2: Edge-----	80	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
EdD: Edge-----	80	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
EgD: Edge-----	50	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Gullied land-----	50	Not rated		Not rated	
FaB: Faula-----	100	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.07
		Thickest layer	0.00	Thickest layer	0.25

Soil Survey of Lee County, Texas

Table 19.--Source of Gravel and Sand--Continued

Map symbol and soil name	Pct. of map unit	Potential source of gravel		Potential source of sand	
		Rating class	Value	Rating class	Value
GaB: Gasil-----	100	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
GaD: Gasil-----	100	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
GgC: Gredge-----	100	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
GrC: Gredge-----	100	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
GsB: Gasil-----	100	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.06
GsD: Gasil-----	100	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.06
JeD: Jedd-----	100	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
JeE: Jedd-----	100	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
JeF: Jedd-----	80	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
JgD: Jedd-----	100	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
KgC: Kurten-----	100	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00

Soil Survey of Lee County, Texas

Table 19.--Source of Gravel and Sand--Continued

Map symbol and soil name	Pct. of map unit	Potential source of gravel		Potential source of sand	
		Rating class	Value	Rating class	Value
KuC: Kurten-----	100	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
LeB: Lexton-----	100	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
LfA: Lufkin-----	90	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
LgB: Luling-----	80	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
LuB: Luling-----	100	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
LuC: Luling-----	100	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
MaA: Mabank-----	90	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
MrB: Margie-----	100	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
NoC: Normangee-----	100	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
NvA: Navasota-----	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
PdC: Padina-----	100	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.05

Soil Survey of Lee County, Texas

Table 19.--Source of Gravel and Sand--Continued

Map symbol and soil name	Pct. of map unit	Potential source of gravel		Potential source of sand	
		Rating class	Value	Rating class	Value
PdF: Padina-----	100	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.05
Pt: Pits and Dumps-----	100	Not rated		Not rated	
RaB: Rader-----	100	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
ReC: Rehburg-----	100	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.07
RoB: Robco-----	100	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.05
RsC: Rosanky-----	100	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
SaA: Sandow-----	90	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
SmC: Silawa-----	100	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
SnC: Silstid-----	100	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.07
SnD: Silstid-----	100	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.07
SoC: Singleton-----	100	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00

Soil Survey of Lee County, Texas

Table 19.--Source of Gravel and Sand--Continued

Map symbol and soil name	Pct. of map unit	Potential source of gravel		Potential source of sand	
		Rating class	Value	Rating class	Value
SpC: Spiller-----	100	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
TaB: Tabor-----	100	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
UcA: Uhland-----	90	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
UfA: Uhland-----	90	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
W: Water-----	100	Not rated		Not rated	
WgE: Winedale-----	100	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
WnB: Wilson-----	90	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
WwA: Whitesboro-----	90	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
ZaC: Zack-----	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
ZaD: Zack-----	100	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
ZbA: Zilaboy-----	75	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00

# Soil Survey of Lee County, Texas

Table 19.--Source of Gravel and Sand--Continued

Map symbol and soil name	Pct. of map unit	Potential source of gravel		Potential source of sand	
		Rating class	Value	Rating class	Value
ZgC: Zack-----	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
ZuC: Zulch-----	100	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00

## Soil Survey of Lee County, Texas

Table 20.--Source of Reclamation Material, Roadfill, and Topsoil

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.00 to 0.99. The smaller the value, the greater the limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ArD: Arenosa-----	100	Poor Too sandy Wind erosion Organic matter content low	0.00 0.00 0.18	Good		Poor Too sandy Too acid	0.00 0.98
BeB: Benchley-----	100	Poor Too clayey Organic matter content low Carbonate content	0.00 0.60 0.97	Poor Low strength Shrink-swell	0.00 0.22	Poor Too clayey Rock fragments	0.00 0.97
BeC: Benchley-----	100	Poor Too clayey Organic matter content low Carbonate content	0.00 0.60 0.97	Poor Low strength Shrink-swell	0.00 0.22	Poor Too clayey Rock fragments	0.00 0.97
BgB: Boonville-----	100	Fair Too clayey Organic matter content low Water erosion	0.88 0.88 0.90	Poor Wetness depth Low strength Shrink-swell	0.00 0.00 0.84	Poor Wetness depth Too clayey Sodium content	0.00 0.63 0.98
BoB: Boonville-----	100	Fair Too clayey Organic matter content low Water erosion	0.88 0.88 0.90	Poor Wetness depth Low strength Shrink-swell	0.00 0.00 0.84	Poor Wetness depth Too clayey Sodium content	0.00 0.63 0.98
BuC: Burlewash-----	100	Poor Too clayey Droughty Depth to bedrock	0.00 0.03 0.29	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.00 0.12	Poor Too clayey Depth to bedrock Too acid	0.00 0.29 0.50
BwC: Burlewash-----	85	Fair Too acid Organic matter content low Water erosion	0.84 0.88 0.90	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.00 0.45	Fair Depth to bedrock	0.93



Soil Survey of Lee County, Texas

Table 20.--Source of Reclamation Material, Roadfill, and Topsoil--Continued

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
BxG: Burlewash-----	50	Poor Too clayey Droughty Depth to bedrock	0.00 0.03 0.29	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.00 0.12	Poor Too clayey Slope Depth to bedrock	0.00 0.00 0.29
Koether-----	50	Poor Stone content Droughty Depth to bedrock	0.00 0.00 0.00	Poor Depth to bedrock Stone content Cobble content	0.00 0.00 0.01	Poor Rock fragments Depth to bedrock Slope	0.00 0.00 0.00
CgB: Crockett-----	100	Poor Too clayey Organic matter content low Sodium content	0.00 0.24 0.78	Poor Low strength Shrink-swell	0.00 0.32	Poor Too clayey Sodium content Rock fragments	0.00 0.78 0.97
ChC: Chazos-----	100	Poor Wind erosion Organic matter content low Too acid	0.00 0.18 0.95	Poor Low strength Shrink-swell	0.00 0.89	Fair Rock fragments	0.97
CrC: Crockett-----	100	Poor Too clayey Organic matter content low Sodium content	0.00 0.24 0.78	Poor Low strength Shrink-swell	0.00 0.32	Poor Too clayey Sodium content Rock fragments	0.00 0.78 0.97
CrC2: Crockett, eroded----	100	Poor Too clayey Organic matter content low Sodium content	0.00 0.24 0.78	Poor Low strength Shrink-swell	0.00 0.32	Poor Too clayey Sodium content Rock fragments	0.00 0.78 0.97
DuC: Dutek-----	100	Poor Wind erosion Too sandy Too acid	0.00 0.00 0.68	Good		Poor Too sandy	0.00
DwB: Davilla-----	55	Fair Organic matter content low Water erosion Too clayey	0.68 0.90 0.98	Poor Low strength Shrink-swell	0.00 0.87	Fair Too clayey	0.67

Soil Survey of Lee County, Texas

Table 20.--Source of Reclamation Material, Roadfill, and Topsoil--Continued

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
Wilson-----	45	Poor Too clayey Water erosion Sodium content	0.00 0.90 0.97	Poor Low strength Shrink-swell	0.00 0.12	Poor Too clayey Sodium content	0.00 0.98
EdB: Edge-----	80	Poor Too clayey Organic matter content low Too acid	0.00 0.18 0.68	Fair Shrink-swell	0.64	Poor Too clayey	0.00
EdC2: Edge-----	80	Poor Too clayey Organic matter content low Too acid	0.00 0.18 0.68	Fair Shrink-swell	0.64	Poor Too clayey	0.00
EdD: Edge-----	80	Poor Too clayey Organic matter content low Too acid	0.00 0.18 0.68	Fair Shrink-swell	0.64	Poor Too clayey	0.00
EgD: Edge-----	50	Poor Too clayey Organic matter content low Too acid	0.00 0.18 0.68	Fair Shrink-swell	0.64	Poor Too clayey	0.00
Gullied land-----	50	Not rated		Not rated		Not rated	
FaB: Faula-----	100	Poor Too sandy Wind erosion Organic matter content low	0.00 0.00 0.12	Good		Poor Too sandy	0.00
GaB: Gasil-----	100	Fair Organic matter content low Too acid	0.18 0.84	Good		Good	
GaD: Gasil-----	100	Fair Organic matter content low Too acid	0.18 0.84	Good		Good	

Soil Survey of Lee County, Texas

Table 20.--Source of Reclamation Material, Roadfill, and Topsoil--Continued

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
GgC: Gredge-----	100	Fair Too acid Too clayey Organic matter content low	0.68 0.88 0.88	Poor Low strength Shrink-swell	0.00 0.74	Fair Too clayey	0.63
GrC: Gredge-----	100	Fair Too acid Too clayey Organic matter content low	0.68 0.88 0.88	Poor Low strength Shrink-swell	0.00 0.74	Fair Too clayey	0.63
GsB: Gasil-----	100	Poor Wind erosion Organic matter content low Too acid	0.00 0.18 0.84	Good		Good	
GsD: Gasil-----	100	Poor Wind erosion Organic matter content low Too acid	0.00 0.18 0.84	Good		Good	
JeD: Jedd-----	100	Poor Too clayey Droughty Depth to bedrock	0.00 0.06 0.16	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.00 0.87	Poor Too clayey Depth to bedrock Rock fragments	0.00 0.16 0.97
JeE: Jedd-----	100	Poor Too clayey Droughty Depth to bedrock	0.00 0.06 0.16	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.00 0.87	Poor Too clayey Depth to bedrock Slope	0.00 0.16 0.16
JeF: Jedd-----	80	Fair Droughty Depth to bedrock Too acid	0.19 0.35 0.54	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.00 0.99	Fair Slope Depth to bedrock	0.04 0.35
JgD: Jedd-----	100	Poor Too clayey Droughty Depth to bedrock	0.00 0.06 0.16	Poor Depth to bedrock Low strength Shrink-swell	0.00 0.00 0.87	Poor Too clayey Depth to bedrock Rock fragments	0.00 0.16 0.97

Soil Survey of Lee County, Texas

Table 20.--Source of Reclamation Material, Roadfill, and Topsoil--Continued

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
KgC: Kurten-----	100	Poor Too clayey Organic matter content low Too acid	0.00 0.88 0.88	Poor Low strength Shrink-swell	0.00 0.12	Poor Too clayey	0.00
KuC: Kurten-----	100	Poor Too clayey Organic matter content low Too acid	0.00 0.18 0.68	Poor Low strength Shrink-swell	0.00 0.12	Poor Too clayey	0.00
LeB: Lexton-----	100	Poor Too clayey Organic matter content low Too acid	0.00 0.24 0.84	Poor Low strength Shrink-swell	0.00 0.97	Poor Too clayey Rock fragments	0.00 0.94
LfA: Lufkin-----	90	Poor Too clayey Organic matter content low Too acid	0.00 0.60 0.84	Poor Low strength Shrink-swell	0.00 0.00	Poor Too clayey Sodium content	0.00 0.98
LgB: Luling-----	80	Poor Too clayey	0.00	Poor Shrink-swell Low strength	0.00 0.00	Poor Too clayey	0.00
LuB: Luling-----	100	Poor Too clayey Carbonate content Organic matter content low	0.00 0.00 0.18	Poor Shrink-swell Low strength	0.00 0.00	Poor Too clayey Carbonate content Sodium content	0.00 0.60 0.78
LuC: Luling-----	100	Poor Too clayey Carbonate content Organic matter content low	0.00 0.00 0.18	Poor Shrink-swell Low strength	0.00 0.00	Poor Too clayey Carbonate content Sodium content	0.00 0.60 0.78
MaA: Mabank-----	90	Poor Too clayey Water erosion Sodium content	0.00 0.90 0.90	Poor Low strength Shrink-swell	0.00 0.12	Poor Too clayey Sodium content	0.00 0.90

Soil Survey of Lee County, Texas

Table 20.--Source of Reclamation Material, Roadfill, and Topsoil--Continued

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
MrB: Margie-----	100	Poor Too clayey Organic matter content low Too acid	0.00 0.60 0.97	Poor Low strength Shrink-swell	0.00 0.87	Poor Too clayey Rock fragments	0.00 0.97
NoC: Normangee-----	100	Poor Too clayey Organic matter content low Sodium content	0.00 0.12 0.90	Poor Low strength Shrink-swell	0.00 0.12	Poor Too clayey Salinity  Sodium content	0.00 0.88 0.90
NvA: Navasota-----	85	Poor Too clayey Too acid	0.00 0.68	Poor Shrink-swell Low strength Wetness depth	0.00 0.00 0.29	Poor Too clayey Wetness depth	0.00 0.29
PdC: Padina-----	100	Poor Too sandy Wind erosion Organic matter content low	0.00 0.00 0.18	Good		Poor Too sandy	0.00
PdF: Padina-----	100	Poor Too sandy Wind erosion Organic matter content low	0.00 0.00 0.18	Good		Poor Too sandy Slope	0.00 0.84
Pt: Pits and Dumps-----	100	Not rated		Not rated		Not rated	
RaB: Rader-----	100	Fair Organic matter content low Too acid Water erosion	0.32 0.54 0.99	Poor Low strength Shrink-swell	0.00 0.82	Good	
ReC: Rehburg-----	100	Poor Too sandy Wind erosion Too acid	0.00 0.00 0.68	Fair Low strength	0.22	Poor Too sandy	0.00

Soil Survey of Lee County, Texas

Table 20.--Source of Reclamation Material, Roadfill, and Topsoil--Continued

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
RoB: Robco-----	100	Poor Too sandy Wind erosion Too acid	0.00 0.00 0.54	Poor Low strength Shrink-swell Wetness depth	0.00 0.88 0.91	Poor Too sandy Wetness depth	0.00 0.91
RsC: Rosanky-----	100	Poor Too clayey Organic matter content low Too acid	0.00 0.18 0.74	Good		Poor Too clayey Rock fragments	0.00 0.97
SaA: Sandow-----	90	Good		Poor Low strength Shrink-swell	0.00 0.87	Good	
SmC: Silawa-----	100	Fair Too acid Organic matter content low	0.54 0.60	Good		Fair Too acid	0.98
SnC: Silstid-----	100	Poor Wind erosion Too sandy Too acid	0.00 0.00 0.84	Good		Poor Too sandy	0.00
SnD: Silstid-----	100	Poor Wind erosion Too sandy Too acid	0.00 0.00 0.84	Good		Poor Too sandy	0.00
SoC: Singleton-----	100	Poor Too clayey Too acid Organic matter content low	0.00 0.54 0.75	Poor Low strength Depth to bedrock Shrink-swell	0.00 0.00 0.12	Poor Too clayey Depth to bedrock Too acid	0.00 0.97 0.98
SpC: Spiller-----	100	Poor Wind erosion Too clayey Organic matter content low	0.00 0.00 0.68	Fair Shrink-swell	0.97	Poor Too clayey	0.00
TaB: Tabor-----	100	Poor Too clayey Organic matter content low Too acid	0.00 0.60 0.84	Poor Low strength Shrink-swell	0.00 0.23	Poor Too clayey	0.00

Soil Survey of Lee County, Texas

Table 20.--Source of Reclamation Material, Roadfill, and Topsoil--Continued

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
UcA: Uhland-----	90	Fair Organic matter content low Water erosion	0.75 0.99	Fair Wetness depth	0.98	Fair Wetness depth	0.98
UfA: Uhland-----	90	Fair Organic matter content low Water erosion	0.75 0.99	Fair Wetness depth	0.98	Fair Wetness depth	0.98
W: Water-----	100	Not rated		Not rated		Not rated	
WgE: Winedale-----	100	Poor Too clayey Too acid Organic matter content low	0.00 0.50 0.88	Poor Shrink-swell Low strength	0.00 0.00	Poor Too clayey Too acid Sodium content	0.00 0.59 0.90
WnB: Wilson-----	90	Poor Too clayey Organic matter content low Water erosion	0.00 0.18 0.90	Poor Low strength Shrink-swell	0.00 0.12	Poor Too clayey Sodium content	0.00 0.90
WwA: Whitesboro-----	90	Good		Poor Low strength Shrink-swell	0.00 0.87	Good	
ZaC: Zack-----	85	Poor Too clayey Organic matter content low Too acid	0.00 0.18 0.84	Poor Low strength Shrink-swell	0.00 0.88	Poor Too clayey	0.00
ZaD: Zack-----	100	Fair Organic matter content low Too acid Water erosion	0.18 0.84 0.90	Poor Low strength Shrink-swell	0.00 0.95	Good	
ZbA: Zilaboy-----	75	Poor Too clayey Organic matter content low	0.00 0.88	Poor Low strength Shrink-swell Wetness depth	0.00 0.12 0.53	Poor Too clayey Wetness depth	0.00 0.53

# Soil Survey of Lee County, Texas

Table 20.--Source of Reclamation Material, Roadfill, and Topsoil--Continued

Map symbol and soil name	Pct. of map unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ZgC: Zack-----	85	Fair Too acid Organic matter content low Water erosion	 0.84 0.88 0.90	Poor Low strength Shrink-swell	 0.00 0.95	Good	
ZuC: Zulch-----	100	Poor Too clayey Organic matter content low Water erosion	 0.00 0.60 0.90	Poor Low strength Shrink-swell	 0.00 0.12	Poor Too clayey	 0.00



## Soil Survey of Lee County, Texas

Table 21.--Ponds and Embankments

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Map symbol and soil name	Pct. of map unit	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ArD: Arenosa-----	100	Very limited Seepage Slope	1.00 0.32	Somewhat limited Seepage	0.40	Very limited Depth to water	1.00
BeB: Benchley-----	100	Not limited		Not limited		Very limited Depth to water	1.00
BeC: Benchley-----	100	Somewhat limited Slope	0.08	Not limited		Very limited Depth to water	1.00
BgB: Boonville-----	100	Not limited		Very limited Depth to saturated zone Piping	1.00 0.02	Very limited Depth to water	1.00
BoB: Boonville-----	100	Not limited		Very limited Depth to saturated zone Piping	1.00 0.02	Very limited Depth to water	1.00
BuC: Burlewash-----	100	Somewhat limited Depth to bedrock Seepage	0.19 0.03	Somewhat limited Thin layer Piping	0.93 0.01	Very limited Depth to water	1.00
BwC: Burlewash-----	85	Somewhat limited Depth to bedrock	0.03	Somewhat limited Thin layer Piping	0.66 0.10	Very limited Depth to water	1.00
BxG: Burlewash-----	50	Very limited Slope Depth to bedrock Seepage	1.00 0.19 0.03	Somewhat limited Thin layer Piping	0.93 0.01	Very limited Depth to water	1.00
Koether-----	50	Very limited Slope Depth to bedrock	1.00 1.00	Very limited Thin layer Large stones content Seepage	1.00 1.00 0.10	Very limited Depth to water	1.00
CgB: Crockett-----	100	Not limited		Somewhat limited Hard to pack	0.84	Very limited Depth to water	1.00

Soil Survey of Lee County, Texas

Table 21.--Ponds and Embankments--Continued

Map symbol and soil name	Pct. of map unit	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
ChC: Chazos-----	100	Not limited		Somewhat limited Seepage	0.07	Very limited Depth to water	1.00
CrC: Crockett-----	100	Not limited		Somewhat limited Hard to pack	0.84	Very limited Depth to water	1.00
CrC2: Crockett, eroded----	100	Somewhat limited Slope	0.08	Somewhat limited Hard to pack	0.84	Very limited Depth to water	1.00
DuC: Dutek-----	100	Very limited Seepage	1.00	Somewhat limited Seepage	0.07	Very limited Depth to water	1.00
DwB: Davilla-----	55	Not limited		Not limited		Very limited Depth to water	1.00
Wilson-----	45	Not limited		Somewhat limited Hard to pack	0.88	Very limited Depth to water	1.00
EdB: Edge-----	80	Somewhat limited Seepage	0.03	Somewhat limited Piping	0.02	Very limited Depth to water	1.00
EdC2: Edge-----	80	Somewhat limited Slope Seepage	0.08 0.03	Somewhat limited Piping	0.02	Very limited Depth to water	1.00
EdD: Edge-----	80	Somewhat limited Slope Seepage	0.92 0.03	Somewhat limited Piping	0.02	Very limited Depth to water	1.00
EgD: Edge-----	50	Somewhat limited Slope Seepage	0.32 0.03	Somewhat limited Piping	0.02	Very limited Depth to water	1.00
Gullied land-----	50	Very limited Seepage Slope	1.00 0.32	Not rated		Not rated	
FaB: Faula-----	100	Very limited Seepage	1.00	Somewhat limited Seepage	0.25	Very limited Depth to water	1.00
GaB: Gasil-----	100	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.93	Very limited Depth to water	1.00

Soil Survey of Lee County, Texas

Table 21.--Ponds and Embankments--Continued

Map symbol and soil name	Pct. of map unit	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
GaD: Gasil-----	100	Somewhat limited Seepage Slope	0.70 0.32	Somewhat limited Piping	0.93	Very limited Depth to water	1.00
GgC: Gredge-----	100	Somewhat limited Seepage	0.03	Somewhat limited Piping	0.02	Very limited Depth to water	1.00
GrC: Gredge-----	100	Somewhat limited Seepage	0.03	Somewhat limited Piping	0.02	Very limited Depth to water	1.00
GsB: Gasil-----	100	Somewhat limited Seepage	0.70	Somewhat limited Seepage	0.06	Very limited Depth to water	1.00
GsD: Gasil-----	100	Somewhat limited Seepage Slope	0.70 0.68	Somewhat limited Seepage	0.06	Very limited Depth to water	1.00
JeD: Jedd-----	100	Somewhat limited Slope Depth to bedrock Seepage	0.68 0.26 0.03	Somewhat limited Thin layer Piping	0.96 0.54	Very limited Depth to water	1.00
JeE: Jedd-----	100	Very limited Slope Depth to bedrock Seepage	1.00 0.26 0.03	Somewhat limited Thin layer Piping	0.96 0.54	Very limited Depth to water	1.00
JeF: Jedd-----	80	Very limited Slope Depth to bedrock Seepage	1.00 0.17 0.03	Somewhat limited Piping Thin layer	0.99 0.91	Very limited Depth to water	1.00
JgD: Jedd-----	100	Somewhat limited Slope Depth to bedrock Seepage	0.68 0.26 0.03	Somewhat limited Thin layer Piping	0.96 0.54	Very limited Depth to water	1.00
KgC: Kurten-----	100	Not limited		Not limited		Very limited Depth to water	1.00
KuC: Kurten-----	100	Not limited		Somewhat limited Hard to pack	0.55	Very limited Depth to water	1.00

Soil Survey of Lee County, Texas

Table 21.--Ponds and Embankments--Continued

Map symbol and soil name	Pct. of map unit	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
LeB: Lexton-----	100	Somewhat limited Seepage	0.53	Not limited		Very limited Depth to water	1.00
LfA: Lufkin-----	90	Not limited		Very limited Hard to pack	1.00	Very limited Depth to water	1.00
LgB: Luling-----	80	Not limited		Very limited Hard to pack	1.00	Very limited Depth to water	1.00
LuB: Luling-----	100	Not limited		Very limited Hard to pack	1.00	Very limited Depth to water	1.00
LuC: Luling-----	100	Somewhat limited Slope	0.08	Very limited Hard to pack	1.00	Very limited Depth to water	1.00
MaA: Mabank-----	90	Not limited		Somewhat limited Piping	0.40	Very limited Depth to water	1.00
MrB: Margie-----	100	Somewhat limited Seepage	0.45	Not limited		Very limited Depth to water	1.00
NoC: Normangee-----	100	Not limited		Somewhat limited Hard to pack	0.90	Very limited Depth to water	1.00
NvA: Navasota-----	85	Not limited		Very limited Depth to saturated zone Hard to pack	1.00 0.99	Very limited Depth to water	1.00
PdC: Padina-----	100	Very limited Seepage	1.00	Somewhat limited Seepage	0.05	Very limited Depth to water	1.00
PdF: Padina-----	100	Very limited Seepage Slope	1.00 1.00	Somewhat limited Seepage	0.05	Very limited Depth to water	1.00
Pt: Pits and Dumps-----	100	Very limited Seepage Slope	1.00 1.00	Not rated		Not rated	

Soil Survey of Lee County, Texas

Table 21.--Ponds and Embankments--Continued

Map symbol and soil name	Pct. of map unit	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
RaB: Rader-----	100	Very limited Seepage	1.00	Somewhat limited Depth to saturated zone Piping	0.43 0.14	Very limited Depth to water	1.00
ReC: Rehburg-----	100	Very limited Seepage	1.00	Somewhat limited Depth to saturated zone Seepage	0.09 0.07	Very limited Depth to water	1.00
RoB: Robco-----	100	Very limited Seepage	1.00	Somewhat limited Depth to saturated zone Seepage	0.84 0.05	Very limited Depth to water	1.00
RsC: Rosanky-----	100	Somewhat limited Seepage	0.53	Somewhat limited Piping	0.33	Very limited Depth to water	1.00
SaA: Sandow-----	90	Somewhat limited Seepage	0.70	Not limited		Very limited Depth to water	1.00
SmC: Silawa-----	100	Very limited Seepage	1.00	Not limited		Very limited Depth to water	1.00
SnC: Silstid-----	100	Very limited Seepage	1.00	Somewhat limited Seepage	0.07	Very limited Depth to water	1.00
SnD: Silstid-----	100	Very limited Seepage Slope	1.00 0.92	Somewhat limited Seepage	0.07	Very limited Depth to water	1.00
SoC: Singleton-----	100	Somewhat limited Depth to bedrock Seepage	0.02 0.02	Somewhat limited Hard to pack Thin layer	0.91 0.61	Very limited Depth to water	1.00
SpC: Spiller-----	100	Somewhat limited Seepage	0.03	Not limited		Very limited Depth to water	1.00
TaB: Tabor-----	100	Not limited		Somewhat limited Piping	0.40	Very limited Depth to water	1.00

Soil Survey of Lee County, Texas

Table 21.--Ponds and Embankments--Continued

Map symbol and soil name	Pct. of map unit	Pond reservoir areas		Embankments, dikes, and levees		Aquifer-fed excavated ponds	
		Rating class and limiting features	Value	Rating class and limiting features	Value	Rating class and limiting features	Value
UcA: Uhland-----	90	Somewhat limited Seepage	0.70	Somewhat limited Piping Depth to saturated zone	0.90 0.68	Very limited Depth to water	1.00
UfA: Uhland-----	90	Somewhat limited Seepage	0.70	Somewhat limited Piping Depth to saturated zone	0.96 0.68	Very limited Depth to water	1.00
W: Water-----	100	Not rated		Not rated		Not rated	
WgE: Winedale-----	100	Somewhat limited Slope	0.32	Very limited Hard to pack	1.00	Very limited Depth to water	1.00
WnB: Wilson-----	90	Not limited		Very limited Hard to pack	1.00	Very limited Depth to water	1.00
WwA: Whitesboro-----	90	Somewhat limited Seepage	0.70	Somewhat limited Piping	0.02	Very limited Depth to water	1.00
ZaC: Zack-----	85	Not limited		Somewhat limited Piping	0.18	Very limited Depth to water	1.00
ZaD: Zack-----	100	Somewhat limited Slope	0.92	Somewhat limited Piping	0.11	Very limited Depth to water	1.00
ZbA: Zilaboy-----	75	Somewhat limited Seepage	0.03	Very limited Depth to saturated zone Hard to pack	0.99 0.77	Somewhat limited Slow refill Cutbanks cave Depth to saturated zone	0.97 0.10 0.01
ZgC: Zack-----	85	Not limited		Somewhat limited Piping	0.11	Very limited Depth to water	1.00
ZuC: Zulch-----	100	Not limited		Somewhat limited Hard to pack	0.17	Very limited Depth to water	1.00

Table 22.--Engineering Index Properties

(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	
ArD: Arenosa-----	0-5	Fine sand	SC-SM, SM, SP-SM	A-2-4, A-3	0	0	95-100	95-100	63-98	8-20	16-21	NP-4
	5-80	Fine sand, sand	SC-SM, SM, SP-SM	A-2-4, A-3	0	0	95-100	95-100	63-98	8-20	18-25	NP-6
BeB: Benchley-----	0-9	Clay loam	CL	A-6	0	0	95-100	85-95	80-95	60-80	28-40	12-24
	9-15	Clay, sandy clay loam, clay loam	CH, CL	A-7-6	0	0	95-100	85-95	80-95	75-95	41-55	20-30
	15-66	Clay, sandy clay loam, clay loam	CH, CL	A-7-6	0	0	90-100	80-95	75-95	60-95	41-55	20-30
	66-80	Clay, sandy clay loam, clay loam	CH, CL	A-6, A-7-6	0	0	90-100	80-95	70-95	51-85	30-51	15-35
BeC: Benchley-----	0-10	Clay loam	CL	A-6	0	0	95-100	85-95	80-95	60-80	28-40	12-24
	10-22	Clay, sandy clay loam, clay loam	CH, CL	A-7-6	0	0	95-100	85-95	80-95	75-95	41-55	20-30
	22-61	Clay, sandy clay loam, clay loam	CH, CL	A-7-6	0	0	90-100	80-95	75-95	60-95	41-55	20-30
	61-80	Clay, sandy clay loam, clay loam	CH, CL	A-6, A-7-6	0	0	90-100	80-95	70-95	51-85	30-51	15-35
BgB: Boonville-----	0-13	Gravelly fine sandy loam	CL-ML, ML, SC-SM, SM	A-4	0	0-1	95-100	85-98	70-95	40-65	0-20	NP-7
	13-23	Gravelly clay, clay loam	CH, CL	A-7-6	0	0	95-100	90-100	85-100	70-90	45-65	25-40
	23-72	Clay, sandy clay loam, loam	CH, CL	A-6, A-7-6	0	0	95-100	95-100	80-100	50-95	35-60	15-35
	72-80	Clay loam, sandy clay loam, clay	CL, SC	A-6, A-7-6	0	0-1	80-100	80-98	65-95	45-95	35-50	15-30

Table 22.--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	
BoB: Boonville-----	0-18	Fine sandy loam	CL-ML, ML, SC-SM, SM	A-4	0	0-1	95-100	85-98	70-95	40-65	0-20	NP-7
	18-49	Clay, clay loam	CH, CL	A-7-6	0	0	95-100	90-100	85-100	70-90	45-65	25-40
	49-64	Clay loam, loam, sandy clay loam	CH, CL	A-6, A-7-6	0	0	95-100	95-100	80-100	50-95	35-60	15-35
	64-80	Clay loam, sandy clay loam, clay	CL, SC	A-6, A-7-6	0	0-1	80-100	80-98	65-95	45-95	35-50	15-30
BuC: Burlewash-----	0-9	Fine sandy loam	CL-ML, ML, SC-SM, SM	A-4	0	0	90-100	90-100	70-95	40-60	0-25	NP-7
	9-27	Clay, sandy clay	CH, CL	A-7-6	0	0	95-100	95-100	90-100	51-90	41-55	20-30
	27-32	Clay, sandy clay loam, clay loam	CL	A-6, A-7	0	0	95-100	95-100	75-95	51-75	35-45	18-25
	32-60	Bedrock			---	---	---	---	---	---	---	---
BwC: Burlewash-----	0-9	Gravelly fine sandy loam	SC-SM, SM	A-2-4	0	0-1	85-100	50-75	40-60	25-35	0-30	NP-7
	9-15	Clay	CH	A-7-6	0	0-1	90-100	90-100	90-100	75-95	50-70	30-45
	15-30	Clay, clay loam	CH, CL	A-7-6	0	0-1	90-100	90-100	90-100	70-95	42-60	25-38
	30-36	Clay loam, silty clay loam, sandy clay loam	CL	A-6, A-7-6	0	0-1	90-100	90-100	80-95	51-90	30-42	11-20
	36-60	Bedrock, loam, clay loam, silty clay loam	CL	A-4, A-6	0	0-1	90-100	90-100	80-100	51-90	26-40	8-20
BxG: Burlewash-----	0-7	Fine sandy loam	CL-ML, ML, SC-SM, SM	A-4	0	0	90-100	90-100	70-95	40-60	0-25	NP-7
	7-16	Clay loam, clay	CH, CL	A-7-6	0	0	95-100	95-100	90-100	51-90	41-55	20-30
	16-25	Clay loam, clay, sandy clay loam	CL	A-6, A-7	0	0	95-100	95-100	75-95	51-75	35-45	18-25
	25-60	Bedrock			---	---	---	---	---	---	---	---



Table 22.--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	
Koether-----	0-16	Very stony loamy fine sand	SM, SP-SM	A-2	24-34	30-36	83-100	64-100	49-83	13-26	0-20	NP-4
	16-60	Bedrock			---	---	---	---	---	---	---	---
CgB: Crockett-----	0-12	Gravelly fine sandy loam	GC, GM, SC, SM	A-4, A-6	0	4-11	75-87	58-80	49-80	20-40	15-35	3-15
	12-20	Clay, clay loam, sandy clay	CH, CL	A-6, A-7-6	0	0	89-100	75-100	75-100	60-98	35-59	23-42
	20-46	Clay, clay loam, sandy clay	CH, CL	A-6, A-7-6	0	0	89-100	75-100	75-100	65-98	35-59	23-42
	46-54	Clay, clay loam, sandy clay loam	CH, CL	A-6, A-7-6	0	0-5	90-100	85-100	75-100	50-90	30-60	15-40
	54-80	Stratified loam to clay	CH, CL	A-7-6	0	0-5	90-100	90-100	90-100	70-99	45-71	27-52
ChC: Chazos-----	0-17	Loamy fine sand	SC-SM, SM	A-2-4, A-4	0	0	80-100	75-100	60-98	20-50	0-25	NP-4
	17-22	Clay, sandy clay, clay loam	CH, CL	A-7-6	0	0	90-100	75-100	70-100	55-85	43-58	21-35
	22-34	Clay loam, sandy clay, sandy clay loam	CH, CL, SC	A-7-6	0	0	90-100	75-100	65-95	35-75	43-58	21-35
	34-80	Sandy clay loam, clay loam, clay	CH, CL	A-6, A-7-6	0	0	90-100	75-100	70-95	50-85	35-55	15-35
CrC: Crockett-----	0-10	Fine sandy loam	CL, ML, SC, SM	A-4, A-6	0	0-2	98-100	94-100	89-100	40-96	15-35	3-15
	10-21	Clay, clay loam, sandy clay	CH, CL	A-6, A-7-6	0	0	89-100	75-100	75-100	60-98	35-59	23-42
	21-49	Clay, clay loam, sandy clay	CH, CL	A-6, A-7-6	0	0	89-100	75-100	75-100	65-98	35-59	23-42
	49-58	Clay, clay loam, sandy clay loam	CH, CL	A-6, A-7-6	0	0-5	90-100	85-100	75-100	50-90	30-60	15-40
	58-80	Stratified loam to clay	CH, CL	A-7-6	0	0-5	90-100	90-100	90-100	70-99	45-71	27-52

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Table 22.--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						
					Pct	Pct					Pct	
	In											
CrC2: Crockett, eroded	0-3	Fine sandy loam	CL, ML, SC, SM	A-4, A-6	0	0-2	98-100	94-100	89-100	40-96	15-35	3-15
	3-13	Clay, clay loam, sandy clay	CH, CL	A-6, A-7-6	0	0	89-100	75-100	75-100	60-98	35-59	23-42
	13-22	Clay, clay loam, sandy clay	CH, CL	A-6, A-7-6	0	0	89-100	75-100	75-100	65-98	35-59	23-42
	22-43	Clay, clay loam, sandy clay loam	CH, CL	A-6, A-7-6	0	0-5	90-100	85-100	75-100	50-90	30-60	15-40
	43-80	Stratified loam to clay	CH, CL	A-7-6	0	0-5	90-100	90-100	90-100	70-99	45-71	27-52
DuC: Dutek-----	0-8	Loamy fine sand	SM, SP-SM	A-2, A-3	0	0	95-100	95-100	85-100	9-25	15-25	NP-3
	8-24	Loamy fine sand, fine sand, loamy sand	SM, SP-SM	A-2, A-3	0	0	95-100	95-100	85-100	9-25	15-25	NP-3
	24-44	Sandy clay loam, clay loam, sandy clay	CL, CL-ML, SC, SC-SM	A-2, A-4, A-6	0	0	98-100	95-100	90-100	30-55	24-40	6-20
	44-56	Fine sandy loam, sandy clay loam, loam	CL, CL-ML, SC, SC-SM	A-2, A-4, A-6	0	0	95-100	95-100	90-100	22-55	20-40	4-20
	56-80	Fine sandy loam, loamy fine sand	SC-SM, SM, SP-SM	A-2	0	0	95-100	95-100	85-100	10-35	15-22	NP-7
DwB: Davilla-----	0-9	Fine sandy loam	CL, CL-ML	A-4, A-6	0	0-2	95-100	95-100	85-100	51-85	20-33	4-15
	9-28	Clay loam, sandy clay loam	CH, CL	A-6, A-7	0	0	95-100	90-100	75-100	51-90	30-60	15-40
	28-63	Clay loam, sandy clay loam	CH, CL	A-6, A-7	0	0	95-100	90-100	75-100	51-90	30-60	15-40
	63-80	Clay loam, sandy clay loam, loam	CH, CL	A-6, A-7	0	0-5	95-100	85-100	65-100	51-90	30-60	15-40
Wilson-----	0-6	Loam	CL	A-6	0	0	95-100	85-100	80-100	60-96	26-38	11-20
	6-54	Clay, silty clay, clay loam	CH, CL	A-7-6	0	0	90-100	80-100	80-100	65-96	43-56	26-37
	54-80	Clay loam, clay, silty clay loam	CH, CL	A-6, A-7-6	0	0	95-100	90-100	85-100	70-96	38-65	24-48

Table 22.--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	
EdB: Edge-----	0-13	Fine sandy loam	CL-ML, ML, SC-SM, SM	A-4	0	0	98-100	96-100	80-100	45-75	15-30	NP-7
	13-39	Clay, sandy clay	CH, CL	A-7-6	0	0	98-100	97-100	90-100	70-98	48-65	29-42
	39-47	Clay loam, sandy clay	CL	A-6, A-7-6	0-5	0	98-100	96-100	90-100	65-96	30-49	14-30
	47-65	Clay loam, sandy clay loam, fine sandy loam	CL, CL-ML, SC, SC-SM	A-4, A-6, A- 7-6	0-10	0	95-100	90-100	72-100	48-78	18-45	4-25
	65-80	Stratified fine sandy loam to channery clay loam	CH, CL, SC	A-2-6, A-2-7, A-6	0	0	95-100	90-100	72-100	29-80	25-51	11-34
EdC2: Edge-----	0-5	Fine sandy loam	CL-ML, ML, SC-SM, SM	A-4	0	0	98-100	96-100	80-100	45-75	15-30	NP-7
	5-14	Clay, sandy clay	CH, CL	A-7-6	0	0	98-100	97-100	90-100	70-98	48-65	29-42
	14-41	Clay, clay loam	CL	A-6, A-7-6	0-5	0	98-100	96-100	90-100	65-96	30-49	14-30
	41-55	Clay loam, fine sandy loam, sandy clay loam	CL, CL-ML, SC, SC-SM	A-4, A-6, A- 7-6	0-10	0	95-100	90-100	72-100	48-78	18-45	4-25
	55-80	Stratified fine sandy loam to channery clay loam	CH, CL, SC	A-2-6, A-2-7, A-6	0	0	95-100	90-100	72-100	29-80	25-51	11-34
EdD: Edge-----	0-4	Fine sandy loam	CL-ML, ML, SC-SM, SM	A-4	0	0	98-100	96-100	80-100	45-75	15-30	NP-7
	4-25	Clay, sandy clay	CH, CL	A-7-6	0	0	98-100	97-100	90-100	70-98	48-65	29-42
	25-32	Clay, clay loam	CL	A-6, A-7-6	0-5	0	98-100	96-100	90-100	65-96	30-49	14-30
	32-46	Clay loam, sandy clay loam, fine sandy loam	CL, CL-ML, SC, SC-SM	A-4, A-6, A- 7-6	0-10	0	95-100	90-100	72-100	48-78	18-45	4-25
	46-80	Stratified fine sandy loam to channery clay loam	CH, CL, SC	A-2-6, A-2-7, A-6	0	0	95-100	90-100	72-100	29-80	25-51	11-34

Table 22.--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	
EgD: Edge-----	0-4	Fine sandy loam	CL-ML, ML, SC-SM, SM	A-4	0	0	98-100	96-100	80-100	45-75	15-30	NP-7
	4-22	Clay, sandy clay	CH, CL	A-7-6	0	0	98-100	97-100	90-100	70-98	48-65	29-42
	22-33	Clay loam, sandy clay	CL	A-6, A-7-6	0-5	0	98-100	96-100	90-100	65-96	30-49	14-30
	33-41	Sandy clay loam, clay loam, fine sandy loam	CL, CL-ML, SC, SC-SM	A-4, A-6, A- 7-6	0-10	0	95-100	90-100	72-100	48-78	18-45	4-25
	41-80	Stratified fine sandy loam to channery clay loam	CH, CL, SC	A-2-6, A-2-7, A-6	0	0	95-100	90-100	72-100	29-80	25-51	11-34
Gullied land----	0-40	Variable			---	---	---	---	---	---	---	---
FaB: Faula-----	0-21	Fine sand	SM, SP-SM	A-2, A-3	0	0	100	100	82-98	5-25	0-0	NP
	21-40	Fine sand, loamy fine sand	SM, SP-SM	A-2, A-3	0	0	100	100	82-100	5-35	0-14	NP-4
	40-80	Loamy fine sand, fine sand, fine sandy loam	ML, SC-SM, SM, SP-SM	A-2, A-3, A-4	0	0	100	100	82-100	5-60	0-26	NP-7
GaB: Gasil-----	0-17	Fine sandy loam	CL, ML, SC, SM	A-4	0	0	95-100	95-100	85-100	36-55	20-28	2-10
	17-80	Sandy clay loam, loam, fine sandy loam	CL, CL-ML, SC, SC-SM	A-4, A-6	0	0	95-100	95-100	85-100	36-71	22-40	7-20
GaD: Gasil-----	0-15	Fine sandy loam	CL, ML, SC, SM	A-4	0	0	95-100	95-100	85-100	36-55	20-28	2-10
	15-80	Sandy clay loam, loam, fine sandy loam	CL, CL-ML, SC, SC-SM	A-4, A-6	0	0	95-100	95-100	85-100	36-71	22-40	7-20
GgC: Gredge-----	0-13	Gravelly fine sandy loam	CL-ML, ML, SC-SM, SM	A-4	0	0-1	90-100	90-100	75-85	35-55	0-31	NP-7
	13-35	Clay, sandy clay	CH, CL	A-7-6	0	0-1	90-100	85-100	75-100	51-98	45-65	28-42
	35-42	Clay loam, sandy clay loam	CH, CL	A-7-6	0	0-1	90-100	90-100	80-100	51-85	41-60	25-40
	42-62	Sandy clay loam, clay loam	CL, SC	A-6, A-7-6	0	0-1	90-100	90-100	80-100	36-80	35-50	15-30
	62-80	Fine sandy loam, clay loam, sandy clay loam	CL, SC	A-4, A-6	0	0-3	90-100	90-100	65-100	36-75	22-40	7-20

Table 22.--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	
GrC: Gredge-----	0-7	Fine sandy loam	CL-ML, ML, SC-SM, SM	A-4	0	0-1	90-100	90-100	75-85	35-55	0-31	NP-7
	7-21	Clay, sandy clay	CH, CL	A-7-6	0	0-1	90-100	85-100	75-100	51-98	45-65	28-42
	21-31	Clay loam, sandy clay loam	CH, CL	A-7-6	0	0-1	90-100	90-100	80-100	51-85	41-60	25-40
	31-42	Sandy clay loam, clay loam	CL, SC	A-6, A-7-6	0	0-1	90-100	90-100	80-100	36-80	35-50	15-30
	42-80	Fine sandy loam, clay loam, sandy clay loam	CL, SC	A-4, A-6	0	0-3	90-100	90-100	65-100	36-75	22-40	7-20
GsB: Gasil-----	0-18	Loamy fine sand	SC-SM, SM	A-2-4, A-4	0	0	95-100	95-100	65-100	15-40	16-20	NP-4
	18-80	Sandy clay loam, loam, fine sandy loam	CL, CL-ML, SC, SC-SM	A-4, A-6	0	0	95-100	95-100	85-100	36-71	22-40	7-20
GsD: Gasil-----	0-16	Loamy fine sand	SC-SM, SM	A-2-4, A-4	0	0	95-100	95-100	65-100	15-40	16-20	NP-4
	16-80	Sandy clay loam, loam, fine sandy loam	CL, CL-ML, SC, SC-SM	A-4, A-6	0	0	95-100	95-100	85-100	36-71	22-40	7-20
JeD: Jedd-----	0-8	Fine sandy loam, stony fine sandy loam	CL-ML, ML, SC-SM, SM	A-2-4, A-4	5-30	0-15	70-90	60-90	55-85	20-55	16-30	NP-7
	8-26	Clay, sandy clay, sandy clay loam	CH, CL, MH, ML	A-6, A-7-5, A-7-6	0	0-14	90-100	85-100	70-98	51-87	35-61	15-29
	26-60	Bedrock			---	---	---	---	---	---	---	---
JeE: Jedd-----	0-7	Fine sandy loam, stony fine sandy loam	CL-ML, ML, SC-SM, SM	A-2-4, A-4	5-30	0-15	70-90	60-90	55-85	20-55	16-30	NP-7
	6-35	Clay, sandy clay, sandy clay loam	CH, CL, MH, ML	A-6, A-7-5, A-7-6	0	0-14	90-100	85-100	70-98	51-87	35-61	15-29
	35-80	Bedrock			---	---	---	---	---	---	---	---

Table 22.--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	
JeF:												
Jedd-----	0-12	Fine sandy loam	CL-ML, ML, SM	A-4	0	0-2	85-100	80-100	70-100	36-70	16-30	NP-7
	12-31	Clay, sandy clay, sandy clay loam	CH, CL, MH, ML	A-6, A-7-5, A-7-6	0	0-4	90-100	90-100	70-100	51-87	35-61	15-29
	31-60	Bedrock			---	---	---	---	---	---	---	---
JgD:												
Jedd-----	0-2	Fine sandy loam, stony fine sandy loam	CL-ML, ML, SC-SM, SM	A-2-4, A-4	5-30	0-15	70-90	60-90	55-85	20-55	16-30	NP-7
	2-21	Clay, sandy clay, sandy clay loam	CH, CL, MH, ML	A-6, A-7-5, A-7-6	0	0-14	90-100	85-100	70-98	51-87	35-61	15-29
	21-80	Bedrock			---	---	---	---	---	---	---	---
KgC:												
Kurten-----	0-7	Very gravelly fine sandy loam	CL-ML, ML	A-4	0	5-15	25-75	20-75	15-45	2-25	15-30	NP-7
	7-45	Clay, silty clay, clay loam	CH, CL	A-7-6	0	0-2	95-100	95-100	89-100	65-95	41-59	25-42
	45-53	Clay, silty clay	CH, CL	A-7-6	0	0-1	95-100	95-100	89-100	65-95	41-59	25-42
	53-80	Clay, loam	CH, CL	A-6, A-7-6	0	0-1	95-100	95-100	89-100	60-90	35-59	20-40
KuC:												
Kurten-----	0-10	Fine sandy loam	CL-ML, ML, SC-SM, SM	A-2-4, A-4	0	0	90-100	80-100	75-100	28-75	16-31	NP-7
	10-23	Clay, clay loam	CH, CL	A-7-6	0	0-2	95-100	95-100	85-100	70-98	41-65	25-42
	23-56	Clay, clay loam	CH, CL	A-7-6	0	0-2	95-100	95-100	85-100	70-98	41-65	25-42
	56-80	Clay loam, sandy clay loam, clay	CH, CL	A-6, A-7-6	0	0-2	95-100	95-100	75-100	50-95	35-63	20-45
LeB:												
Lexton-----	0-9	Clay	CH, CL-ML, SC, SC-SM	A-7-6, A-6	0	0	90-100	85-100	65-95	36-65	51-80	32-55
	9-58	Clay, clay loam	CH, CL, MH, ML	A-7-6	0	0	90-100	75-98	70-95	51-70	51-80	32-55
	58-80	Variable			---	---	---	---	---	---	---	---

Table 22.--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						
					Pct	Pct					Pct	
	In											
LfA: Lufkin-----	0-7	Fine sandy loam	CL, ML, SC, SM	A-4	0	0-5	90-100	80-100	80-100	40-85	15-30	NP-10
	7-41	Clay, clay loam, silty clay loam	CH, CL	A-7-6	0	0	90-100	90-100	90-100	65-95	45-67	30-45
	41-80	Clay loam, loam, sandy clay loam	CH, CL, SC	A-7-6	0	0	85-100	85-100	80-100	48-90	40-86	25-55
LgB: Luling-----	0-8	Gravelly clay	CH	A-7-6	0	0-2	95-100	90-100	80-100	65-98	51-70	30-45
	8-18	Clay, silty clay	CH	A-7-6	0	0-2	95-100	90-100	80-100	65-98	51-70	30-45
	18-55	Clay, silty clay	CH	A-7-6	0	0-2	95-100	90-100	80-100	65-98	51-70	30-45
	55-80	Clay, channery clay, channery silty clay	CH	A-7-6	0	0-2	95-100	90-100	80-100	65-98	51-70	30-45
LuB: Luling-----	0-8	Clay	CH	A-7-6	0	0	95-100	90-100	80-100	75-99	51-80	32-55
	8-42	Clay, silty clay	CH	A-7-6	0	0	95-100	90-100	80-100	75-99	51-80	32-55
	42-73	Clay, silty clay	CH, CL	A-7-6	0	0	95-100	90-100	75-100	70-90	49-80	32-55
	73-80	Clay	CH, CL	A-7-6	0	0	92-100	92-100	85-100	70-90	49-80	32-55
LuC: Luling-----	0-17	Clay	CH	A-7-6	0	0	95-100	90-100	80-100	75-99	51-80	32-55
	17-47	Clay, silty clay	CH	A-7-6	0	0	95-100	90-100	80-100	75-99	51-80	32-55
	47-67	Clay, silty clay	CH, CL	A-7-6	0	0	95-100	90-100	75-100	70-90	49-80	32-55
	67-80	Clay	CH, CL	A-7-6	0	0	92-100	92-100	85-100	70-90	49-80	32-55
MaA: Mabank-----	0-6	Fine sandy loam	CL, CL-ML, SC, SC-SM	A-4, A-6	0	0	95-100	95-100	80-98	40-70	19-32	4-15
	6-68	Clay, clay loam	CH, CL	A-6, A-7-6	0	0	95-100	95-100	95-100	60-85	38-55	22-37
	68-80	Clay loam, clay	CH, CL	A-6, A-7-6	0	0	95-100	95-100	95-100	60-85	38-55	22-37

Table 22.--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						
				Pct	Pct					Pct		
	In											
MrB:												
Margie-----	0-9	Fine sandy loam	ML, SM	A-2-4, A-4	0	0-2	80-100	80-100	70-95	30-65	0-30	NP-7
	9-34	Clay, sandy clay loam, clay loam	CH, CL	A-6, A-7-6	0	0-2	95-100	75-100	75-95	51-90	37-56	19-34
	34-48	Clay, gravelly clay, very gravelly clay	CH, CL, GC, SC	A-7-6	0	0-2	60-90	55-85	50-80	36-65	41-60	18-35
	48-70	Clay, clay loam, sandy clay loam	CH, CL	A-6, A-7-6	0	0-2	95-100	65-95	65-95	51-90	32-56	16-30
	70-80	Variable			---	---	---	---	---	---	---	---
NoC:												
Normangee-----	0-5	Clay loam	CL	A-6, A-7-6	0	0	98-100	96-100	90-100	65-95	30-48	11-27
	5-43	Clay, clay loam	CH, CL	A-7-6	0	0	98-100	98-100	90-100	65-96	44-80	22-58
	43-80	Stratified channery clay	CH, CL	A-7-6	0	0	95-100	90-100	90-100	65-90	41-60	20-35
NvA:												
Navasota-----	0-6	Clay	CH, CL	A-7-6	0	0	100	100	95-100	85-95	48-75	25-50
	6-55	Clay, silty clay	CH	A-7-6	0	0	100	100	95-100	85-95	51-75	30-50
	55-80	Clay, sandy clay, silty clay	CH, CL	A-7-6	0	0	100	100	90-100	50-85	48-75	25-50
PdC:												
Padina-----	0-7	Loamy fine sand	SC-SM, SM	A-2-4	0	0	100	95-100	85-100	15-35	16-25	NP-5
	7-57	Loamy fine sand, fine sand	SC-SM, SM, SP-SM	A-2-4, A-3	0	0	100	95-100	85-100	8-28	16-25	NP-5
	57-80	Sandy clay loam, fine sandy loam	CL, SC	A-2, A-4, A- 6, A-7	0	0	90-100	90-100	90-100	25-65	22-42	8-22
PdF:												
Padina-----	0-8	Loamy fine sand	SC-SM, SM	A-2-4	0	0	100	95-100	85-100	15-35	16-25	NP-5
	8-58	Loamy fine sand, fine sand	SC-SM, SM, SP-SM	A-2-4, A-3	0	0	100	95-100	85-100	8-28	16-25	NP-5
	58-80	Sandy clay loam, fine sandy loam	CL, SC	A-2, A-4, A- 6, A-7	0	0	90-100	90-100	90-100	25-65	22-42	8-22

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Table 22.--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						
				Pct	Pct					Pct		
	In											
Pt: Pits and Dumps--	0-80	Variable			---	---	---	---	---	---	0-14	---
RaB: Rader-----	0-7	Fine sandy loam	CL-ML, ML, SC, SM	A-2, A-4	0	0	98-100	98-100	90-100	34-75	18-28	3-10
	7-27	Fine sandy loam, very fine sandy loam, loam	CL-ML, ML, SC, SM	A-2, A-4	0	0	98-100	95-100	90-100	34-75	18-28	3-10
	27-32	Loam, sandy clay loam, clay loam	CL, SC	A-6	0	0	95-100	95-100	90-100	36-75	26-40	11-22
	32-54	Clay loam, sandy clay, clay	CH, CL	A-6, A-7	0	0	95-100	95-100	90-100	51-90	36-60	18-38
	54-80	Clay, sandy clay loam, clay loam	CH, CL, SC	A-6, A-7	0	0	95-100	95-100	90-100	36-75	25-52	11-36
ReC: Rehburg-----	0-5	Loamy fine sand	SC-SM, SM	A-2-4, A-4	0	0	95-100	90-100	70-98	20-40	15-25	NP-7
	5-25	Loamy fine sand, fine sand	SC-SM, SM	A-2-4, A-4	0	0	95-100	85-100	60-95	15-40	15-25	NP-7
	25-37	Sandy clay loam, clay, sandy clay, clay loam	CH, CL, SC	A-6, A-7-6	0	0	95-100	95-100	80-100	40-95	36-52	17-30
	37-44	Sandy clay loam, clay loam, loam	CL, SC	A-6, A-7-6	0	0	95-100	95-100	80-100	35-80	30-44	11-25
	44-60	Bedrock			---	---	---	---	---	---	---	---
RoB: Robco-----	0-6	Loamy fine sand	SM, SP-SM	A-2-4, A-3	0	0	80-100	80-100	65-95	8-35	0-25	NP-3
	6-23	Loamy fine sand, fine sand	SM, SP-SM	A-2-4, A-3	0	0	80-100	80-100	65-95	8-35	0-25	NP-3
	23-28	Sandy clay loam, loam, clay loam	CL, SC	A-4, A-6	0	0	98-100	98-100	80-100	36-75	26-40	8-22
	28-44	Sandy clay loam, clay loam	CL	A-6, A-7	0	0	98-100	98-100	80-100	50-80	36-50	16-28
	44-80	Sandy clay loam, clay loam, clay	CL, SC	A-6, A-7	0	0	98-100	98-100	80-100	40-95	32-50	13-28

Table 22.--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						
				Pct	Pct					Pct		
	In											
RsC: Rosanky-----	0-10	Fine sandy loam	SM, SC-SM	A-2-4, A-4	0	0-2	80-100	75-100	75-100	30-50	15-25	NP-7
	10-35	Clay, sandy clay	CH, CL, SC	A-6, A-7-6	0	0-2	85-100	75-100	75-100	49-90	37-56	19-34
	35-43	Clay loam, sandy clay loam, fine sandy loam	CL, CL-ML, SC, SC-SM	A-4, A-6	0	0-5	80-100	75-100	75-100	45-70	23-40	5-19
	43-80	Bedrock			---	---	---	---	---	---	---	---
SaA: Sandow-----	0-7	Loam, clay loam	CL	A-6	0	0	100	96-100	85-100	60-85	30-49	15-30
	7-80	Sandy clay loam, loam, clay loam	CL	A-6	0	0	100	96-100	80-100	55-85	25-45	11-28
SmC: Silawa-----	0-15	Loamy fine sand, fine sandy loam	CL-ML, ML, SC-SM, SM	A-4	0	0	95-100	95-100	70-100	40-60	16-26	NP-7
	15-43	Sandy clay loam, fine sandy loam, clay loam	CL, SC	A-4, A-6	0	0	85-100	85-100	80-100	35-65	25-40	8-18
	43-57	Sandy clay loam, fine sandy loam, gravelly fine sandy loam	CL, CL-ML, SC, SC-SM	A-2-4, A-4, A-6	0	0-2	70-100	70-100	38-100	18-60	21-34	4-14
	57-80	Fine sandy loam, loamy fine sand, gravelly loamy fine sand	GM, SC-SM, SM, SP-SM	A-1-b, A-2-4, A-4	0	0-2	51-100	51-100	38-100	12-40	16-26	NP-7
SnC: Silstid-----	0-7	Loamy fine sand	SM, SP-SM	A-2-4, A-3	0	0-1	90-100	85-100	80-100	9-25	16-25	NP-3
	7-23	Loamy fine sand, fine sand	SM, SP-SM	A-2, A-3	0	0-1	90-100	85-100	80-100	9-25	16-25	NP-3
	23-49	Sandy clay loam, loam, fine sandy loam	CL, CL-ML, SC, SC-SM	A-2-4, A-2-6, A-4, A-6	0	0-1	90-100	85-100	75-100	30-55	20-43	4-26
	49-80	Sandy clay loam, loam, fine sandy loam	CL, CL-ML, SC, SC-SM	A-2-4, A-2-6, A-4, A-6	0	0-1	90-100	80-100	70-100	22-55	20-43	4-25

Table 22.--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	
SnD: Silstid-----	0-8	Loamy fine sand	SM, SP-SM	A-2-4, A-3	0	0-1	90-100	85-100	80-100	9-25	16-25	NP-3
	8-22	Loamy fine sand, fine sand	SM, SP-SM	A-2, A-3	0	0-1	90-100	85-100	80-100	9-25	16-25	NP-3
	22-62	Sandy clay loam, loam, fine sandy loam	CL, CL-ML, SC, SC-SM	A-2-4, A-2-6, A-4, A-6	0	0-1	90-100	85-100	75-100	30-55	20-43	4-26
	62-80	Sandy clay loam, loam, fine sandy loam	CL, CL-ML, SC, SC-SM	A-2-4, A-2-6, A-4, A-6	0	0-1	90-100	80-100	70-100	22-55	20-43	4-25
SoC: Singleton-----	0-5	Fine sandy loam	CL-ML, ML, SC-SM, SM	A-4	0	0	95-100	90-100	70-95	40-60	16-25	NP-7
	5-37	Clay	CH	A-7-6	0	0	95-100	90-100	90-100	75-95	51-70	34-48
	37-60	Bedrock			---	---	---	---	---	---	---	---
SpC: Spiller-----	0-10	Fine sandy loam	SC-SM, SM	A-2-4	0	0	100	95-100	80-100	15-30	16-20	NP-7
	10-47	Clay, sandy clay, clay loam	CL, SC, CH	A-7-6	0	0	100	95-100	90-100	40-70	41-55	18-28
	47-58	Clay loam, sandy clay, sandy clay loam	CL, SC	A-2-7, A-6, A-7-6	0	0	100	95-100	85-100	30-70	30-49	11-25
	58-80	Variable, fine sandy loam, sandy clay	CH, CL, CL-ML, SC	A-2, A-4, A-6, A-7-6	0	0	100	95-100	80-100	20-60	26-55	5-28
TaB: Tabor-----	0-15	Fine sandy loam	CL-ML, ML, SC-SM, SM	A-2-4, A-4	0	0	85-100	75-100	70-100	30-55	15-25	NP-7
	15-32	Clay	CH, CL	A-7	0	0	95-100	90-100	85-100	55-90	45-65	25-40
	32-80	Clay, sandy clay loam, clay loam	CH, CL, SC	A-6, A-7	0	0	95-100	90-100	75-100	40-90	35-60	15-35
UcA: Uhland-----	0-6	Clay loam	CL	A-6, A-7	0	0	97-100	97-100	90-100	55-75	30-45	12-25
	6-52	Fine sandy loam, loam, very fine sandy loam	CL, ML, SC, SM	A-4, A-6	0	0	97-100	95-100	80-100	36-78	18-36	3-18
	52-80	Fine sandy loam, clay loam	CL	A-4, A-6, A-7	0	0	97-100	95-100	80-100	50-90	28-43	9-21

Table 22.--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	
UfA: Uhland-----	0-11	Fine sandy loam	CL, ML, SC, SM	A-4, A-6	0	0	97-100	97-100	80-100	36-70	22-35	3-13
	11-55	Fine sandy loam, loam, very fine sandy loam	CL, ML, SC, SM	A-4, A-6	0	0	97-100	95-100	80-100	36-78	18-36	3-18
	55-80	Sandy clay loam, clay loam	CL	A-4, A-6, A-7	0	0	97-100	95-100	80-100	50-90	28-43	9-21
W: Water-----	---	---	---	---	---	---	---	---	---	---	---	---
WgE: Winedale-----	0-7	Very gravelly fine sandy loam	SC, SC-SM, SM	A-2-4, A-2-6, A-4	0	0-2	85-100	50-75	40-70	25-45	0-29	NP-12
	7-38	Clay	CH	A-7-6	0	0	100	95-100	90-100	80-95	76-85	49-55
	38-80	Variable	CH	A-7	0	0	100	95-100	90-100	80-95	76-85	49-55
WnB: Wilson-----	0-4	Clay loam	CL	A-6, A-7-6	0	0	95-100	85-100	80-100	60-96	38-49	20-30
	4-27	Clay, silty clay, clay loam	CH, CL	A-7-6	0	0	90-100	80-100	80-100	65-96	43-56	26-37
	27-80	Clay, silty clay, silty clay loam	CH, CL	A-6, A-7-6	0	0	95-100	90-100	85-100	70-96	38-65	24-48
WwA: Whitesboro-----	0-6	Loam	CL	A-6	0	0	100	98-100	85-100	70-90	30-47	11-27
	6-35	Sandy clay loam, loam, clay loam	CL	A-6	0	0	100	98-100	85-100	65-91	30-47	11-27
	35-80	Sandy clay loam, loam, clay loam	CL	A-6	0	0	100	98-100	85-100	60-85	30-47	11-27
ZaC: Zack-----	0-5	Fine sandy loam	ML, SM	A-4	0	0-1	90-100	90-100	70-95	40-65	20-30	NP-7
	5-14	Clay	CH	A-7-6	0	0-1	90-100	90-100	90-100	75-95	50-70	30-45
	14-21	Clay, clay loam	CH, CL	A-7-6	0	0-1	90-100	90-100	90-100	70-95	42-60	25-38
	21-33	Variable, silty clay loam, sandy clay loam	CL	A-6, A-7-6	0	0-1	90-100	90-100	80-95	51-90	30-42	11-20
	33-60	Variable, loam, silty clay loam	CL	A-4, A-6	0	0-1	90-100	90-100	80-100	51-90	26-40	8-20

Table 22.--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	
ZaD: Zack-----	0-3	Fine sandy loam	ML, SM	A-4	0	0-1	90-100	90-100	70-95	40-65	20-30	NP-7
	3-10	Clay	CH	A-7-6	0	0-1	90-100	90-100	90-100	75-95	50-70	30-45
	10-28	Clay, clay loam	CH, CL	A-7-6	0	0-1	90-100	90-100	90-100	70-95	42-60	25-38
	28-60	Variable, loam, silty clay loam	CL	A-4, A-6	0	0-1	90-100	90-100	80-100	51-90	26-40	8-20
ZbA: Zilaboy-----	0-8	Clay	CH	A-7-6	0	0	100	98-100	85-100	80-95	55-65	30-40
	8-50	Clay, silty clay	CH	A-7-6	0	0	100	98-100	85-100	80-95	55-65	30-40
	50-80	Clay, loam, sandy clay loam	CH, CL, SC, SP-SC	A-2-6, A-2-7, A-6, A-7	0	0	98-100	98-100	80-100	5-95	30-55	11-30
ZgC: Zack-----	0-7	Gravelly fine sandy loam	SC-SM, SM	A-2-4	0	0-1	85-100	50-75	40-60	25-35	0-30	NP-7
	7-16	Clay	CH	A-7-6	0	0-1	90-100	90-100	90-100	75-95	50-70	30-45
	16-25	Clay, clay loam	CH, CL	A-7-6	0	0-1	90-100	90-100	90-100	70-95	42-60	25-38
	25-30	Clay loam, clay, sandy clay loam	CL	A-6, A-7-6	0	0-1	90-100	90-100	80-95	51-90	30-42	11-20
	30-80	Variable, clay loam, silty clay loam	CL	A-4, A-6	0	0-1	90-100	90-100	80-100	51-90	26-40	8-20
ZuC: Zulch-----	0-4	Fine sandy loam	CL-ML, ML, SC-SM, SM	A-4	0	0	95-100	95-100	70-100	40-60	15-30	NP-7
	4-20	Clay, clay loam, silty clay	CH, CL	A-7-6	0	0	95-100	95-100	90-100	75-95	44-60	22-32
	20-33	Clay, silty clay, clay loam	CH, CL	A-7-6	0	0	95-100	95-100	90-100	75-95	44-66	22-36
	33-80	Channery clay, clay, clay loam	CH, CL	A-7-6	0	0	95-100	95-100	90-100	65-90	44-60	22-32

Table 23.--Physical Soil Properties

(Entries under "Erosion factors--T" apply to the entire profile. Entries under "Wind erodibility group" and "Wind erodibility index" apply only to the surface layer. Absence of an entry indicates that data were not estimated.)

Map symbol and soil name	Depth	Clay	Moist bulk density	Permea- bility (K-sat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
								Kw	Kf	T		
	In	Pct	g/cc	In/hr	In/in	Pct	Pct					
ArD: Arenosa-----	0-5 5-80	0-3 0-3	1.24-1.50 1.45-1.65	6-20 6-20	0.05-0.08 0.03-0.07	0.0-2.9 0.0-2.9	0.4-1.0 0.1-0.5	.15 .15	.15 .15	5	1	250
BeB: Benchley-----	0-7 7-18 18-57 57-73	20-35 35-50 25-45 25-45	1.35-1.55 1.35-1.60 1.25-1.50 1.25-1.50	0.6-2 0.2-0.6 0.06-0.2 0.06-0.2	0.15-0.20 0.12-0.18 0.12-0.18 0.12-0.18	3.0-5.9 3.0-5.9 6.0-8.9 6.0-8.9	1.0-3.0 0.1-1.0 0.1-1.0 0.1-1.0	.32 .37 .37 .43	.32 .37 .37 .43	5	5	56
BeC: Benchley-----	0-7 7-18 18-57 57-73	20-35 35-50 25-45 25-45	1.35-1.55 1.35-1.60 1.25-1.50 1.25-1.50	0.6-2 0.2-0.6 0.06-0.2 0.06-0.2	0.15-0.20 0.12-0.18 0.12-0.18 0.12-0.18	3.0-5.9 3.0-5.9 6.0-8.9 6.0-8.9	1.0-3.0 0.1-1.0 0.1-1.0 0.1-1.0	.32 .37 .37 .43	.32 .37 .37 .43	5	5	56
BgB: Boonville-----	0-14 14-22 22-51 51-90	5-15 35-55 25-40 25-55	1.25-1.59 1.25-1.45 1.40-1.70 1.35-1.70	0.6-2 0.00-0.06 0.06-0.2 0.06-0.2	0.11-0.15 0.12-0.17 0.12-0.17 0.10-0.15	0.0-2.9 6.0-8.9 3.0-5.9 3.0-5.9	0.5-1.0 0.5-1.0 0.5-1.0 0.5-1.0	.43 .32 .37 .37	.43 .32 .37 .37	5	3	86
BoB: Boonville-----	0-14 14-22 22-51 51-90	5-15 35-55 25-40 25-55	1.25-1.59 1.25-1.45 1.40-1.70 1.35-1.70	0.6-2 0.00-0.06 0.06-0.2 0.06-0.2	0.11-0.15 0.12-0.17 0.12-0.17 0.10-0.15	0.0-2.9 6.0-8.9 3.0-5.9 3.0-5.9	0.5-1.0 0.5-1.0 0.5-1.0 0.5-1.0	.43 .32 .37 .37	.43 .32 .37 .37	5	3	86
BuC: Burlewash-----	0-6 6-21 21-27 27-40	5-15 40-55 30-45 ---	1.30-1.45 1.30-1.45 1.30-1.45 ---	0.6-2 0.00-0.06 0.2-0.6 ---	0.11-0.15 0.07-0.16 0.07-0.16 ---	0.0-2.9 6.0-8.9 6.0-8.9 ---	0.5-2.0 0.1-1.0 0.1-1.0 ---	.43 .28 .32 ---	.43 .28 .32 ---	3	3	86

Table 23.--Physical Soil Properties--Continued

Map symbol and soil name	Depth	Clay	Moist bulk density	Permea- bility (K-sat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
								Kw	Kf	T		
	In	Pct	g/cc	In/hr	In/in	Pct	Pct					
BwC: Burlewash-----	0-7	7-15	1.15-1.30	0.6-2	0.11-0.15	0.0-2.9	0.5-1.0	.43	.43	3	8	0
	7-18	40-60	1.30-1.45	0.00-0.06	0.12-0.18	6.0-8.9	0.5-1.0	.37	.37			
	18-24	35-55	1.30-1.50	0.00-0.06	0.12-0.20	6.0-8.9	0.5-1.0	.37	.37			
	24-36	20-35	1.35-1.60	0.06-0.2	0.12-0.18	3.0-5.9	0.5-1.0	.37	.37			
	36-60	15-35	1.35-1.60	0.06-0.2	0.07-0.18	0.0-2.9	0.5-1.0	.37	.37			
BxG: Burlewash-----	0-6	5-15	1.30-1.45	0.6-2	0.11-0.15	0.0-2.9	0.5-2.0	.43	.43	3	3	86
	6-21	40-55	1.30-1.45	0.00-0.06	0.07-0.16	6.0-8.9	0.1-1.0	.28	.28			
	21-27	30-45	1.30-1.45	0.2-0.6	0.07-0.16	6.0-8.9	0.1-1.0	.32	.32			
	27-40	---	---	---	---	---	---	---	---			
Koether-----	0-16	5-10	1.30-1.65	6-20	0.03-0.08	0.0-2.9	0.5-1.0	.05	.24	1	8	0
	16-17	---	---	0.06-0.6	---	---	---	---	---			
CgB: Crockett-----	0-8	5-20	1.50-1.60	0.6-2	0.09-0.15	0.0-2.9	0.5-2.0	.28	.32	5	8	0
	8-16	40-55	1.35-1.60	0.00-0.06	0.08-0.14	6.0-8.9	0.2-0.5	.32	.32			
	16-42	35-55	1.40-1.65	0.00-0.06	0.08-0.14	6.0-8.9	0.2-0.5	.32	.32			
	42-57	20-50	1.50-1.70	0.00-0.06	0.11-0.15	3.0-5.9	0.1-0.5	.32	.32			
	57-80	30-60	1.50-1.70	0.00-0.06	0.11-0.15	6.0-8.9	0.1-0.5	.32	.32			
ChC: Chazos-----	0-12	2-12	1.40-1.60	2-6	0.06-0.10	0.0-2.9	0.5-1.0	.20	.20	5	2	134
	12-22	35-50	1.35-1.50	0.06-0.2	0.10-0.18	3.0-5.9	0.5-1.0	.32	.32			
	22-34	20-40	1.35-1.55	0.06-0.2	0.10-0.18	3.0-5.9	0.3-1.0	.32	.32			
	34-72	27-45	1.40-1.60	0.06-0.2	0.10-0.18	3.0-5.9	0.1-0.5	.32	.32			
CrC: Crockett-----	0-8	5-20	1.50-1.60	0.6-2	0.11-0.20	0.0-2.9	0.5-2.0	.43	.43	5	5	56
	8-16	40-55	1.35-1.60	0.00-0.06	0.08-0.14	6.0-8.9	0.2-0.5	.32	.32			
	16-42	35-55	1.40-1.65	0.00-0.06	0.08-0.14	6.0-8.9	0.2-0.5	.32	.32			
	42-57	20-50	1.50-1.70	0.00-0.06	0.11-0.15	3.0-5.9	0.1-0.5	.32	.32			
	57-80	30-60	1.50-1.70	0.00-0.06	0.11-0.15	6.0-8.9	0.1-0.5	.32	.32			

Table 23.--Physical Soil Properties--Continued

Map symbol and soil name	Depth	Clay	Moist bulk density	Permea- bility (K-sat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
								Kw	Kf	T		
	In	Pct	g/cc	In/hr	In/in	Pct	Pct					
CrC2: Crockett, eroded----	0-8	5-20	1.50-1.60	0.6-2	0.11-0.20	0.0-2.9	0.5-2.0	.43	.43	5	5	56
	8-16	40-55	1.35-1.60	0.00-0.06	0.08-0.14	6.0-8.9	0.2-0.5	.32	.32			
	16-42	35-55	1.40-1.65	0.00-0.06	0.08-0.14	6.0-8.9	0.2-0.5	.32	.32			
	42-57	20-50	1.50-1.70	0.00-0.06	0.11-0.15	3.0-5.9	0.1-0.5	.32	.32			
	57-80	30-60	1.50-1.70	0.00-0.06	0.11-0.15	6.0-8.9	0.1-0.5	.32	.32			
DuC: Dutek-----	0-10	3-12	1.30-1.60	6-20	0.05-0.10	0.0-2.9	0.5-1.0	.20	.20	5	2	134
	10-34	3-12	1.30-1.60	6-20	0.05-0.10	0.0-2.9	0.5-1.0	.20	.20			
	34-54	18-35	1.30-1.65	0.6-2	0.12-0.17	0.0-2.9	0.5-1.0	.24	.24			
	54-64	10-30	1.30-1.65	0.6-6	0.10-0.16	0.0-2.9	0.3-1.0	.24	.24			
	64-75	5-20	1.30-1.60	2-20	0.05-0.10	0.0-2.9	0.1-0.5	.20	.20			
DwB: Davilla-----	0-8	10-20	1.50-1.60	0.6-2	0.14-0.20	0.0-2.9	0.5-2.0	.43	.43	5	5	56
	8-19	27-35	1.55-1.65	0.00-0.06	0.12-0.20	3.0-5.9	0.2-1.0	.32	.32			
	19-50	27-35	1.60-1.70	0.00-0.06	0.12-0.20	3.0-5.9	0.2-1.0	.32	.32			
	50-80	20-35	1.60-1.70	0.00-0.06	0.12-0.20	3.0-5.9	0.2-1.0	.32	.32			
Wilson-----	0-8	18-27	1.35-1.45	0.2-0.6	0.10-0.17	0.0-2.9	0.5-2.0	.43	.43	5	5	56
	8-49	35-50	1.50-1.60	0.00-0.06	0.10-0.16	6.0-8.9	0.5-2.0	.37	.37			
	49-80	35-60	1.50-1.60	0.00-0.06	0.10-0.16	6.0-8.9	0.1-1.0	.37	.37			
EdB: Edge-----	0-11	5-12	1.25-1.55	0.6-2	0.14-0.18	0.0-2.9	0.5-1.0	.43	.43	5	3	86
	11-29	40-55	1.36-1.55	0.00-0.06	0.11-0.19	6.0-8.9	0.5-1.0	.32	.32			
	29-43	35-45	1.45-1.65	0.06-0.2	0.10-0.16	3.0-5.9	0.5-1.0	.32	.32			
	43-48	10-40	1.40-1.69	0.2-0.6	0.10-0.16	3.0-5.9	0.3-0.7	.37	.37			
	48-80	10-45	1.50-1.75	0.06-0.2	0.11-0.18	3.0-5.9	0.1-0.5	.37	.37			
EdC2: Edge-----	0-11	5-12	1.25-1.55	0.6-2	0.14-0.18	0.0-2.9	0.5-1.0	.43	.43	5	3	86
	11-29	40-55	1.36-1.55	0.00-0.06	0.11-0.19	6.0-8.9	0.5-1.0	.32	.32			
	29-43	35-45	1.45-1.65	0.06-0.2	0.10-0.16	3.0-5.9	0.5-1.0	.32	.32			
	43-48	10-40	1.40-1.69	0.2-0.6	0.10-0.16	3.0-5.9	0.3-0.7	.37	.37			
	48-80	10-45	1.50-1.75	0.06-0.2	0.11-0.18	3.0-5.9	0.1-0.5	.37	.37			



Table 23.--Physical Soil Properties--Continued

Map symbol and soil name	Depth	Clay	Moist bulk density	Permea- bility (K-sat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
								Kw	Kf	T		
	In	Pct	g/cc	In/hr	In/in	Pct	Pct					
EdD: Edge-----	0-11	5-12	1.25-1.55	0.6-2	0.14-0.18	0.0-2.9	0.5-1.0	.43	.43	5	3	86
	11-29	40-55	1.36-1.55	0.00-0.06	0.11-0.19	6.0-8.9	0.5-1.0	.32	.32			
	29-43	35-45	1.45-1.65	0.06-0.2	0.10-0.16	3.0-5.9	0.5-1.0	.32	.32			
	43-48	10-40	1.40-1.69	0.2-0.6	0.10-0.16	3.0-5.9	0.3-0.7	.37	.37			
	48-80	10-45	1.50-1.75	0.06-0.2	0.11-0.18	3.0-5.9	0.1-0.5	.37	.37			
EgD: Edge-----	0-11	5-12	1.25-1.55	0.6-2	0.14-0.18	0.0-2.9	0.5-1.0	.43	.43	5	3	86
	11-29	40-55	1.36-1.55	0.00-0.06	0.11-0.19	6.0-8.9	0.5-1.0	.32	.32			
	29-43	35-45	1.45-1.65	0.06-0.2	0.10-0.16	3.0-5.9	0.5-1.0	.32	.32			
	43-48	10-40	1.40-1.69	0.2-0.6	0.10-0.16	3.0-5.9	0.3-0.7	.37	.37			
	48-80	10-45	1.50-1.75	0.06-0.2	0.11-0.18	3.0-5.9	0.1-0.5	.37	.37			
Gullied land-----	0-40	---	---	0.06-20	---	---	---	---	---	--	---	---
FaB: Faula-----	0-30	2-8	1.50-1.65	6-20	0.05-0.08	0.0-2.9	0.5-1.0	.15	.15	5	1	220
	30-40	2-10	1.45-1.65	6-20	0.05-0.11	0.0-2.9	0.0-0.5	.15	.15			
	40-80	2-12	1.40-1.75	6-20	0.05-0.19	0.0-2.9	0.0-0.5	.17	.17			
GaB: Gasil-----	0-17	8-20	1.50-1.60	2-6	0.11-0.15	0.0-2.9	0.5-1.0	.24	.24	5	3	86
	17-75	15-35	1.40-1.60	0.6-2	0.12-0.19	0.0-2.9	0.1-0.5	.32	.32			
GaD: Gasil-----	0-17	8-20	1.50-1.60	2-6	0.11-0.15	0.0-2.9	0.5-1.0	.24	.24	5	3	86
	17-75	15-35	1.40-1.60	0.6-2	0.12-0.19	0.0-2.9	0.1-0.5	.32	.32			
GgC: Gredge-----	0-7	7-15	1.30-1.55	0.6-2	0.11-0.15	0.0-2.9	0.5-1.0	.43	.43	5	3	86
	7-21	40-55	1.30-1.50	0.00-0.06	0.07-0.16	6.0-8.9	0.5-1.0	.37	.37			
	21-40	25-40	1.35-1.55	0.06-0.2	0.07-0.16	3.0-5.9	0.5-1.0	.37	.37			
	40-57	20-35	1.40-1.60	0.2-0.6	0.07-0.16	3.0-5.9	0.5-1.0	.37	.37			
	57-68	15-35	1.30-1.60	0.2-0.6	0.07-0.14	3.0-5.9	0.5-1.0	.37	.37			

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Table 23.--Physical Soil Properties--Continued

Map symbol and soil name	Depth	Clay	Moist bulk density	Permea- bility (K-sat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
								Kw	Kf	T		
	In	Pct	g/cc	In/hr	In/in	Pct	Pct					
GrC: Gredge-----	0-7 7-21 21-40 40-57 57-68	7-15 40-55 25-40 20-35 15-35	1.30-1.55 1.30-1.50 1.35-1.55 1.40-1.60 1.30-1.60	0.6-2 0.00-0.06 0.06-0.2 0.2-0.6 0.2-0.6	0.11-0.15 0.07-0.16 0.07-0.16 0.07-0.16 0.07-0.14	0.0-2.9 6.0-8.9 3.0-5.9 3.0-5.9 3.0-5.9	0.5-1.0 0.5-1.0 0.5-1.0 0.5-1.0 0.5-1.0	.43 .37 .37 .37 .37	.43 .37 .37 .37 .37	5	3	86
GsB: Gasil-----	0-17 17-75	5-12 15-35	1.50-1.60 1.40-1.60	6-20 0.6-2	0.07-0.11 0.12-0.19	0.0-2.9 0.0-2.9	0.5-1.0 0.1-0.5	.20 .32	.20 .32	5	2	134
GsD: Gasil-----	0-17 17-75	5-12 15-35	1.50-1.60 1.40-1.60	6-20 0.6-2	0.07-0.11 0.12-0.19	0.0-2.9 0.0-2.9	0.5-1.0 0.1-0.5	.20 .32	.20 .32	5	2	134
JeD: Jedd-----	0-10 10-25 25-72	5-18 35-55 ---	1.20-1.40 1.35-1.55 ---	0.6-2 0.2-0.6 ---	0.08-0.15 0.13-0.17 ---	0.0-2.9 3.0-5.9 ---	0.5-2.0 0.1-1.0 ---	.20 .32 ---	.28 .32 ---	4	8	0
JeE: Jedd-----	0-10 10-25 25-72	5-18 35-55 ---	1.20-1.40 1.35-1.55 ---	0.6-2 0.2-0.6 ---	0.08-0.15 0.13-0.17 ---	0.0-2.9 3.0-5.9 ---	0.5-2.0 0.1-1.0 ---	.20 .32 ---	.28 .32 ---	3	8	0
JeF: Jedd-----	0-17 17-28 28-80	10-18 30-55 ---	1.20-1.40 1.35-1.55 ---	0.6-2 0.2-0.6 ---	0.10-0.15 0.13-0.17 ---	0.0-2.9 3.0-5.9 ---	0.5-2.0 0.1-1.0 ---	.28 .32 ---	.28 .32 ---	3	3	86
JgD: Jedd-----	0-10 10-25 25-72	5-18 35-55 ---	1.20-1.40 1.35-1.55 ---	0.6-2 0.2-0.6 ---	0.08-0.15 0.13-0.17 ---	0.0-2.9 3.0-5.9 ---	0.5-2.0 0.1-1.0 ---	.20 .32 ---	.28 .32 ---	3	8	0

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Table 23.--Physical Soil Properties--Continued

Map symbol and soil name	Depth	Clay	Moist bulk density	Permea- bility (K-sat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
								Kw	Kf	T		
	In	Pct	g/cc	In/hr	In/in	Pct	Pct					
<b>KgC:</b>												
Kurten-----	0-7	3-7	1.45-1.60	0.6-2	0.12-0.16	0.0-2.9	0.5-1.0	.43	.43	5	3	86
	7-32	40-60	1.25-1.45	0.00-0.06	0.07-0.16	6.0-8.9	0.5-1.0	.37	.37			
	32-48	40-65	1.25-1.45	0.00-0.06	0.07-0.16	6.0-8.9	0.1-0.5	.37	.37			
	48-80	30-55	1.35-1.60	0.00-0.06	0.07-0.12	6.0-8.9	0.1-0.5	.37	.37			
<b>KuC:</b>												
Kurten-----	0-8	7-18	1.40-1.60	0.6-2	0.11-0.15	0.0-2.9	0.5-1.0	.43	.43	5	3	86
	8-37	35-55	1.35-1.60	0.00-0.06	0.07-0.16	6.0-8.9	0.1-0.5	.37	.37			
	37-75	27-50	1.50-1.70	0.00-0.06	0.07-0.16	6.0-8.9	0.1-0.5	.37	.37			
	75-94	25-50	1.50-1.70	---	0.07-0.12	6.0-8.9	0.1-0.5	.37	.37			
<b>LeB:</b>												
Lexton-----	0-6	40-55	1.20-1.50	0.6-2	0.12-0.17	0.0-2.9	0.5-2.0	.32	.32	5	5	56
	6-50	60-70	1.20-1.50	0.2-0.6	0.12-0.18	3.0-5.9	0.2-0.5	.32	.32			
	50-84	---	---	0.2-2	---	---	0.1-0.5	---	---			
<b>LfA:</b>												
Lufkin-----	0-7	5-18	1.35-1.65	0.6-2	0.11-0.18	0.0-2.9	0.5-2.0	.43	.43	5	3	86
	7-46	35-50	1.40-1.60	0.00-0.06	0.09-0.14	9.0-25.0	0.1-1.0	.32	.32			
	46-65	20-40	1.40-1.68	0.00-0.06	0.09-0.14	6.0-8.9	0.1-0.5	.37	.37			
<b>LgB:</b>												
Luling-----	0-14	40-55	1.20-1.35	0.00-0.06	0.12-0.18	9.0-25.0	1.0-3.0	.32	.32	5	4	86
	14-42	40-55	1.25-1.40	0.00-0.06	0.12-0.18	9.0-25.0	0.5-2.0	.32	.32			
	42-54	40-55	1.25-1.45	0.00-0.06	0.12-0.18	9.0-25.0	0.1-1.0	.32	.32			
	54-70	40-55	1.30-1.55	0.00-0.06	0.07-0.18	9.0-25.0	0.1-1.0	.32	.32			
<b>LuB:</b>												
Luling-----	0-6	40-60	1.30-1.50	0.00-0.06	0.12-0.18	9.0-25.0	1.0-4.0	.32	.32	5	4	86
	6-18	40-60	1.35-1.55	0.00-0.06	0.12-0.18	9.0-25.0	0.1-0.5	.32	.32			
	18-70	40-60	1.40-1.60	0.00-0.06	0.12-0.18	9.0-25.0	0.1-0.5	.32	.32			
	70-80	40-60	1.45-1.65	0.00-0.06	0.11-0.15	9.0-25.0	0.1-0.5	.32	.32			
<b>LuC:</b>												
Luling-----	0-6	40-60	1.30-1.50	0.00-0.06	0.12-0.18	9.0-25.0	1.0-4.0	.32	.32	5	4	86
	6-18	40-60	1.35-1.55	0.00-0.06	0.12-0.18	9.0-25.0	0.1-0.5	.32	.32			
	18-70	40-60	1.40-1.60	0.00-0.06	0.12-0.18	9.0-25.0	0.1-0.5	.32	.32			
	70-80	40-60	1.45-1.65	0.00-0.06	0.11-0.15	9.0-25.0	0.1-0.5	.32	.32			

Table 23.--Physical Soil Properties--Continued

Map symbol and soil name	Depth	Clay	Moist bulk density	Permea- bility (K-sat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
								Kw	Kf	T		
	In	Pct	g/cc	In/hr	In/in	Pct	Pct					
MaA: Mabank-----	0-7	10-25	1.50-1.65	0.6-2	0.11-0.15	0.0-2.9	1.0-2.0	.43	.43	5	3	86
	7-50	35-50	1.45-1.65	0.00-0.06	0.12-0.18	6.0-8.9	1.0-2.0	.32	.32			
	50-70	35-50	1.45-1.65	0.00-0.06	0.12-0.18	6.0-8.9	0.1-0.5	.32	.32			
MrB: Margie-----	0-10	6-18	1.40-1.60	0.6-2	0.08-0.12	0.0-2.9	1.0-2.0	.37	.37	4	3	86
	10-27	30-50	1.45-1.65	0.2-0.6	0.12-0.18	3.0-5.9	0.1-1.0	.32	.32			
	27-46	40-55	1.45-1.65	0.2-0.6	0.06-0.11	3.0-5.9	0.1-1.0	.15	.32			
	46-63	25-45	1.50-1.70	0.2-0.6	0.12-0.17	3.0-5.9	0.1-1.0	.32	.32			
	63-80	---	---	---	---	---	---	---	---			
NoC: Normangee-----	0-7	25-35	1.50-1.60	0.06-0.2	0.15-0.20	3.0-5.9	0.5-2.0	.37	.37	4	6	48
	7-44	35-55	1.55-1.65	0.00-0.06	0.12-0.18	6.0-8.9	0.0-0.5	.32	.32			
	44-64	35-55	1.60-1.70	0.00-0.06	0.12-0.18	6.0-8.9	0.0-0.5	.32	.32			
NvA: Navasota-----	0-7	35-55	1.20-1.40	0.06-0.2	0.15-0.20	9.0-25.0	1.0-3.0	.32	.32	5	4	86
	7-69	40-55	1.20-1.40	0.00-0.06	0.15-0.18	9.0-25.0	0.5-2.0	.32	.32			
	69-80	35-55	1.30-1.50	0.00-0.06	0.15-0.18	9.0-25.0	0.3-0.5	.32	.32			
PdC: Padina-----	0-8	2-10	1.20-1.50	6-20	0.07-0.11	0.0-2.9	0.5-1.0	.17	.17	5	2	134
	8-49	2-10	1.20-1.50	6-20	0.05-0.08	0.0-2.9	0.1-0.5	.17	.17			
	49-80	18-30	1.40-1.60	0.6-2	0.14-0.18	0.0-2.9	0.1-0.5	.24	.24			
PdF: Padina-----	0-8	2-10	1.20-1.50	6-20	0.07-0.11	0.0-2.9	0.5-1.0	.17	.17	5	2	134
	8-49	2-10	1.20-1.50	6-20	0.05-0.08	0.0-2.9	0.1-0.5	.17	.17			
	49-80	18-30	1.40-1.60	0.6-2	0.14-0.18	0.0-2.9	0.1-0.5	.24	.24			
Pt: Pits and Dumps-----	0-80	---	---	0.06-20	0.01-0.10	0.0-2.9	---	.10	---	1	8	0

Table 23.--Physical Soil Properties--Continued

Map symbol and soil name	Depth	Clay	Moist bulk density	Permea- bility (K-sat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
								Kw	Kf	T		
	In	Pct	g/cc	In/hr	In/in	Pct	Pct					
RaB: Rader-----	0-6	4-15	1.30-1.50	2-6	0.10-0.18	0.0-2.9	0.5-2.0	.37	.37	5	3	86
	6-25	4-15	1.35-1.55	2-6	0.10-0.18	0.0-2.9	0.5-1.0	.37	.37			
	25-32	18-30	1.40-1.60	0.2-0.6	0.10-0.18	3.0-5.9	0.5-1.0	.32	.32			
	32-52	35-50	1.45-1.65	0.00-0.06	0.10-0.18	6.0-8.9	0.3-0.5	.32	.32			
	52-77	24-45	1.45-1.65	0.06-0.2	0.10-0.18	3.0-5.9	0.1-0.5	.32	.32			
ReC: Rehburg-----	0-23	4-10	1.35-1.55	6-20	0.06-0.10	0.0-2.9	0.5-1.0	.20	.20	4	2	134
	23-36	2-10	1.40-1.60	6-20	0.05-0.10	0.0-2.9	0.3-1.0	.20	.28			
	36-44	30-45	1.35-1.60	0.00-0.06	0.10-0.15	3.0-5.9	0.2-0.5	.37	.37			
	44-60	20-35	1.35-1.65	0.06-0.2	0.10-0.15	3.0-5.9	0.1-0.5	.37	.37			
	60-80	---	---	0.06-0.2	---	---	---	---	---			
RoB: Robco-----	0-10	2-10	1.40-1.60	6-20	0.04-0.10	0.0-2.9	0.5-1.0	.24	.24	5	2	134
	10-28	2-10	1.40-1.60	6-20	0.04-0.10	0.0-2.9	0.5-1.0	.24	.24			
	28-40	27-35	1.50-1.65	0.2-0.6	0.12-0.18	3.0-5.9	0.5-1.0	.32	.32			
	40-58	20-35	1.55-1.70	0.06-0.2	0.12-0.18	6.0-8.9	0.3-1.0	.37	.37			
	58-80	25-45	1.55-1.70	0.06-0.2	0.10-0.18	3.0-5.9	0.1-0.5	.37	.37			
RsC: Rosanky-----	0-8	5-18	1.20-1.40	0.6-2	0.10-0.14	0.0-2.9	0.5-2.0	.28	.28	5	3	86
	8-30	35-50	1.40-1.60	0.2-0.6	0.11-0.17	3.0-5.9	0.1-0.5	.32	.32			
	30-64	15-35	1.40-1.65	0.2-0.6	0.10-0.16	0.0-2.9	0.1-0.5	.37	.37			
	64-70	---	---	---	---	---	---	---	---			
SaA: Sandow-----	0-15	27-30	1.35-1.50	0.2-0.6	0.15-0.20	3.0-5.9	1.0-4.0	.28	.28	5	6	48
	15-60	20-35	1.40-1.60	0.2-0.6	0.15-0.20	3.0-5.9	0.2-2.0	.28	.28			
SmC: Silawa-----	0-13	10-20	1.35-1.55	2-6	0.10-0.15	0.0-2.9	0.5-2.0	.24	.24	5	3	86
	13-38	18-35	1.35-1.60	0.6-2	0.12-0.17	0.0-2.9	0.1-1.0	.32	.32			
	38-59	12-30	1.40-1.65	2-6	0.08-0.15	0.0-2.9	0.1-0.7	.28	.32			
	59-70	2-15	1.40-1.70	6-20	0.05-0.11	0.0-2.9	0.1-0.5	.20	.24			

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Table 23.--Physical Soil Properties--Continued

Map symbol and soil name	Depth	Clay	Moist bulk density	Permea- bility (K-sat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
								Kw	Kf	T		
	In	Pct	g/cc	In/hr	In/in	Pct	Pct					
SnC: Silstid-----	0-10	3-12	1.40-1.60	6-20	0.05-0.10	0.0-2.9	0.5-1.0	.17	.17	5	2	134
	10-37	3-12	1.40-1.60	6-20	0.05-0.10	0.0-2.9	0.5-1.0	.17	.17			
	37-52	18-32	1.50-1.70	0.6-2	0.10-0.16	0.0-2.9	0.3-1.0	.24	.24			
	52-80	18-32	1.50-1.70	0.6-2	0.10-0.16	0.0-2.9	0.1-0.5	.24	.28			
SnD: Silstid-----	0-10	3-12	1.40-1.60	6-20	0.05-0.10	0.0-2.9	0.5-1.0	.17	.17	5	2	134
	10-37	3-12	1.40-1.60	6-20	0.05-0.10	0.0-2.9	0.5-1.0	.17	.17			
	37-52	18-32	1.50-1.70	0.6-2	0.10-0.16	0.0-2.9	0.3-1.0	.24	.24			
	52-80	18-32	1.50-1.70	0.6-2	0.10-0.16	0.0-2.9	0.1-0.5	.24	.28			
SoC: Singleton-----	0-5	5-20	1.40-1.70	0.6-2	0.11-0.18	0.0-2.9	0.5-1.0	.43	.43	3	3	86
	5-37	35-50	1.40-1.60	0.00-0.06	0.09-0.16	6.0-8.9	0.3-1.0	.32	.32			
	37-70	---	---	---	---	---	---	---	---			
SpC: Spiller-----	0-18	5-15	1.40-1.60	6-20	0.06-0.10	0.0-2.9	0.5-1.0	.17	.17	5	2	134
	18-43	35-45	1.40-1.65	0.06-0.2	0.12-0.18	3.0-5.9	0.2-1.0	.32	.32			
	43-54	20-40	1.40-1.65	0.2-0.6	0.12-0.18	3.0-5.9	0.2-0.5	.32	.32			
	54-80	10-40	1.35-1.65	0.06-0.2	0.10-0.18	0.0-2.9	0.2-0.5	.32	.32			
TaB: Tabor-----	0-14	8-20	1.50-1.60	0.6-2	0.11-0.15	0.0-2.9	0.5-1.0	.28	.43	5	3	86
	14-45	40-55	1.35-1.55	0.00-0.06	0.09-0.12	6.0-8.9	0.1-1.0	.32	.32			
	45-72	25-45	1.45-1.65	0.00-0.06	0.14-0.18	6.0-8.9	0.1-0.5	.32	.32			
UcA: Uhland-----	0-6	28-35	1.25-1.45	0.2-0.6	0.14-0.18	3.0-5.9	1.0-4.0	.32	.32	5	6	48
	6-60	10-18	1.25-1.55	0.6-2	0.10-0.16	0.0-2.9	0.3-1.0	.37	.37			
	60-80	18-35	1.25-1.60	0.2-0.6	0.12-0.18	3.0-5.9	0.1-1.0	.32	.32			
UfA: Uhland-----	0-6	10-20	1.25-1.40	0.6-2	0.10-0.16	0.0-2.9	1.0-4.0	.37	.37	5	3	86
	6-60	10-18	1.25-1.55	0.6-2	0.10-0.16	0.0-2.9	0.3-1.0	.37	.37			
	60-80	18-35	1.25-1.60	0.2-0.6	0.12-0.18	3.0-5.9	0.1-1.0	.32	.32			

Table 23.--Physical Soil Properties--Continued

Map symbol and soil name	Depth	Clay	Moist bulk density	Permea- bility (K-sat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
								Kw	Kf	T		
	In	Pct	g/cc	In/hr	In/in	Pct	Pct					
W: Water-----	---	---	---	---	---	---	---	---	---	---	---	---
WgE: Winedale-----	0-7 7-37 37-80	5-15 60-70 60-70	1.35-1.50 1.30-1.40 1.30-1.40	2-6 0.00-0.06 0.00-0.06	0.07-0.10 0.12-0.18 0.06-0.10	0.0-2.9 9.0-25.0 9.0-25.0	2.0-4.0 0.5-2.0 0.5-1.0	.17 .32 .32	.32 .32 .32	5	8	0
WnB: Wilson-----	0-5 5-32 32-77	27-35 35-50 35-60	1.35-1.50 1.50-1.60 1.50-1.60	0.2-0.6 0.00-0.06 0.00-0.06	0.10-0.17 0.10-0.16 0.10-0.16	3.0-5.9 6.0-8.9 6.0-8.9	0.5-2.0 0.5-2.0 0.1-0.5	.43 .37 .37	.43 .37 .37	5	6	48
WwA: Whitesboro-----	0-22 22-29 29-80	20-35 22-35 22-35	1.25-1.35 1.30-1.45 1.30-1.55	0.6-2 0.6-2 0.6-2	0.13-0.18 0.13-0.18 0.13-0.18	3.0-5.9 3.0-5.9 3.0-5.9	1.0-3.0 0.5-2.0 0.5-2.0	.32 .28 .28	.32 .28 .28	5	5	56
ZaC: Zack-----	0-10 10-20 20-30 30-38 38-80	7-15 40-60 35-55 20-35 15-35	1.15-1.30 1.30-1.45 1.30-1.50 1.35-1.60 1.35-1.60	0.6-2 0.00-0.06 0.00-0.06 0.06-0.2 0.06-0.2	0.11-0.15 0.09-0.14 0.09-0.14 0.09-0.14 0.07-0.12	0.0-2.9 6.0-8.9 6.0-8.9 3.0-5.9 0.0-2.9	0.3-1.0 0.2-1.0 0.1-0.7 0.1-0.5 0.1-0.5	.43 .37 .37 .37 .37	.43 .37 .37 .37 .37	5	3	86
ZaD: Zack-----	0-7 7-18 18-24 24-36 36-60	7-15 40-60 35-55 20-35 15-35	1.15-1.30 1.30-1.45 1.30-1.50 1.35-1.60 1.35-1.60	0.6-2 0.00-0.06 0.00-0.06 0.06-0.2 0.06-0.2	0.11-0.15 0.09-0.14 0.09-0.14 0.09-0.14 0.07-0.12	0.0-2.9 6.0-8.9 6.0-8.9 3.0-5.9 0.0-2.9	0.3-1.0 0.2-1.0 0.1-0.7 0.1-0.5 0.1-0.5	.43 .37 .37 .37 .37	.43 .37 .37 .37 .37	5	3	86
ZbA: Zilaboy-----	0-18 18-70 70-80	40-60 40-60 20-40	1.35-1.55 1.35-1.60 1.35-1.60	0.00-0.06 0.00-0.06 0.2-0.6	0.12-0.18 0.12-0.18 0.12-0.16	6.0-8.9 6.0-8.9 3.0-5.9	1.0-3.0 0.5-1.0 0.2-1.0	.32 .32 .32	.32 .32 .32	5	4	86

Table 23.--Physical Soil Properties--Continued

Map symbol and soil name	Depth	Clay	Moist bulk density	Permea- bility (K-sat)	Available water capacity	Linear extensi- bility	Organic matter	Erosion factors			Wind erodi- bility group	Wind erodi- bility index
								Kw	Kf	T		
	In	Pct	g/cc	In/hr	In/in	Pct	Pct					
ZgC: Zack-----	0-7	7-15	1.15-1.30	0.6-2	0.11-0.15	0.0-2.9	0.5-1.0	.43	.43	3	8	0
	7-18	40-60	1.30-1.45	0.00-0.06	0.12-0.18	6.0-8.9	0.5-1.0	.37	.37			
	18-24	35-55	1.30-1.50	0.00-0.06	0.12-0.20	6.0-8.9	0.5-1.0	.37	.37			
	24-36	20-35	1.35-1.60	0.06-0.2	0.12-0.18	3.0-5.9	0.5-1.0	.37	.37			
	36-60	15-35	1.35-1.60	0.06-0.2	0.07-0.18	0.0-2.9	0.5-1.0	.37	.37			
ZuC: Zulch-----	0-5	4-12	1.50-1.70	0.6-2	0.11-0.15	0.0-2.9	0.5-2.0	.43	.43	5	3	86
	5-13	35-50	1.40-1.60	0.00-0.06	0.13-0.18	6.0-8.9	0.1-2.0	.32	.32			
	13-36	35-55	1.40-1.60	0.00-0.06	0.13-0.18	6.0-8.9	0.1-2.0	.32	.32			
	36-60	35-50	1.40-1.70	0.00-0.06	0.07-0.12	6.0-8.9	0.1-1.0	.37	.37			



Soil Survey of Lee County, Texas

Table 24.--Chemical Soil Properties

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

Map symbol and soil name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate	Gypsum	Salinity	Sodium adsorption ratio
	Inches	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
ArD:								
Arenosa-----	0-5	1.0-4.0	---	4.5-6.5	0	0	0.0-2.0	0
	5-80	---	1.0-3.0	4.5-6.0	0	0	0.0-2.0	0
BeB:								
Benchley-----	0-7	10-20	---	6.6-7.8	0	0	0.0-2.0	0
	7-18	15-25	---	6.6-7.8	0	0	0.0-2.0	0
	18-57	12-25	---	7.4-8.4	5-30	0	0.0-2.0	0
	57-73	12-25	---	7.4-8.4	5-15	0	0.0-2.0	0
BeC:								
Benchley-----	0-7	10-20	---	6.6-7.8	0	0	0.0-2.0	0
	7-18	15-25	---	6.6-7.8	0	0	0.0-2.0	0
	18-57	12-25	---	7.4-8.4	5-30	0	0.0-2.0	0
	57-73	12-25	---	7.4-8.4	5-15	0	0.0-2.0	0
BgB:								
Boonville-----	0-14	2.0-10	---	5.1-7.3	0	0	0	0
	14-22	20-35	---	5.1-8.4	0	0	0	0-4
	22-51	15-30	---	7.4-8.4	0-5	0-5	0	2-8
	51-90	15-50	---	5.6-8.4	0-3	0-5	0.0-4.0	2-8
BoB:								
Boonville-----	0-14	2.0-10	---	5.1-7.3	0	0	0	0
	14-22	20-35	---	5.1-8.4	0	0	0	0-4
	22-51	15-30	---	7.4-8.4	0-5	0-5	0	2-8
	51-90	15-50	---	5.6-8.4	0-3	0-5	0.0-4.0	2-8
BuC:								
Burlewash-----	0-6	---	5.0-15	4.5-6.0	0	0	0.0-2.0	0
	6-21	---	30-45	3.5-5.5	0	0	0.0-2.0	0
	21-27	---	30-40	4.5-5.5	0	0	0.0-2.0	0
	27-40	---	---	---	---	---	---	---
BwC:								
Burlewash-----	0-7	5.0-10	---	5.1-6.5	0	0	0	0
	7-18	30-45	---	5.6-7.3	0	0	0	0
	18-24	30-45	---	5.6-8.4	0-1	0	0	0-8
	24-36	20-30	---	6.6-8.4	0-1	0	0.0-2.0	0-8
	36-60	15-30	---	7.4-8.4	0-1	0	0.0-4.0	2-10
BxG:								
Burlewash-----	0-6	---	5.0-15	4.5-6.0	0	0	0.0-2.0	0
	6-21	---	30-45	3.5-5.5	0	0	0.0-2.0	0
	21-27	---	30-40	4.5-5.5	0	0	0.0-2.0	0
	27-40	---	---	---	---	---	---	---
Koether-----	0-16	---	2.0-5.0	4.5-6.0	0	0	0	0
	16-17	---	---	---	---	---	---	---
CgB:								
Crockett-----	0-8	10-20	---	5.6-7.8	0	0	0.0-2.0	0-5
	8-16	20-35	---	5.6-7.3	0-2	0	0.0-4.0	3-10
	16-42	20-35	---	6.1-8.4	0-2	0	0.0-4.0	3-10
	42-57	20-35	---	6.1-8.4	5-30	0-2	0.0-4.0	3-10
	57-80	15-35	---	6.1-8.4	2-10	0-2	0.0-4.0	3-10

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Table 24.--Chemical Soil Properties--Continued

Map symbol and soil name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate	Gypsum	Salinity	Sodium adsorption ratio
	Inches	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
ChC:								
Chazos-----	0-12	2.0-7.0	---	5.6-7.3	0	0	0.0-2.0	0
	12-22	15-30	---	5.6-6.5	0	0	0.0-2.0	0-3
	22-34	15-30	---	5.6-7.3	0-5	0	0.0-2.0	0-5
	34-72	10-25	---	6.1-8.4	0-5	0	0.0-2.0	0-5
CrC:								
Crockett-----	0-8	10-20	---	5.6-7.8	0	0	0.0-2.0	0-5
	8-16	20-35	---	5.6-7.3	0-2	0	0.0-4.0	3-10
	16-42	20-35	---	6.1-8.4	0-2	0	0.0-4.0	3-10
	42-57	20-35	---	6.1-8.4	5-30	0-2	0.0-4.0	3-10
	57-80	15-35	---	6.1-8.4	2-10	0-2	0.0-4.0	3-10
CrC2:								
Crockett, eroded-----	0-8	10-20	---	5.6-7.8	0	0	0.0-2.0	0-5
	8-16	20-35	---	5.6-7.3	0-2	0	0.0-4.0	3-10
	16-42	20-35	---	6.1-8.4	0-2	0	0.0-4.0	3-10
	42-57	20-35	---	6.1-8.4	5-30	0-2	0.0-4.0	3-10
	57-80	15-35	---	6.1-8.4	2-10	0-2	0.0-4.0	3-10
DuC:								
Dutek-----	0-10	1.0-7.0	---	5.6-7.3	0	0	0.0-2.0	0
	10-34	1.0-5.0	---	5.6-7.3	0	0	0.0-2.0	0
	34-54	5.0-15	---	4.5-6.5	0	0	0.0-2.0	0
	54-64	5.0-15	---	4.5-7.3	0	0	0.0-2.0	0
	64-75	3.0-10	---	4.5-7.3	0	0	0.0-2.0	0
DwB:								
Davilla-----	0-8	5.0-20	---	6.1-7.3	0	0	0.0-2.0	0
	8-19	15-30	---	6.1-7.8	0-5	0	0.0-2.0	0
	19-50	15-30	---	6.6-8.4	0-15	0	0.0-2.0	0
	50-80	15-30	---	7.4-8.4	0-15	0	0.0-2.0	0
Wilson-----	0-8	10-20	---	5.6-7.3	0	0	0.0-2.0	0-2
	8-49	20-30	---	5.6-7.8	1-10	0-4	0.0-4.0	2-8
	49-80	20-30	---	6.6-8.4	1-20	2-15	2.0-8.0	4-10
EdB:								
Edge-----	0-11	2.0-10	---	4.5-7.3	0	0	0.0-2.0	0-2
	11-29	10-30	---	4.5-6.5	0	0	0.0-2.0	0-4
	29-43	10-30	---	4.5-6.5	0-2	0	0.0-2.0	0-4
	43-48	5.0-30	---	4.5-7.8	0-2	0	0.0-2.0	0-8
	48-80	5.0-30	---	5.1-8.4	0-2	0	0.0-2.0	0-10
EdC2:								
Edge-----	0-11	2.0-10	---	4.5-7.3	0	0	0.0-2.0	0-2
	11-29	10-30	---	4.5-6.5	0	0	0.0-2.0	0-4
	29-43	10-30	---	4.5-6.5	0-2	0	0.0-2.0	0-4
	43-48	5.0-30	---	4.5-7.8	0-2	0	0.0-2.0	0-8
	48-80	5.0-30	---	5.1-8.4	0-2	0	0.0-2.0	0-10
EdD:								
Edge-----	0-11	2.0-10	---	4.5-7.3	0	0	0.0-2.0	0-2
	11-29	10-30	---	4.5-6.5	0	0	0.0-2.0	0-4
	29-43	10-30	---	4.5-6.5	0-2	0	0.0-2.0	0-4
	43-48	5.0-30	---	4.5-7.8	0-2	0	0.0-2.0	0-8
	48-80	5.0-30	---	5.1-8.4	0-2	0	0.0-2.0	0-10

Soil Survey of Lee County, Texas

Table 24.--Chemical Soil Properties--Continued

Map symbol and soil name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate	Gypsum	Salinity	Sodium adsorption ratio
	Inches	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
EgD:								
Edge-----	0-11	2.0-10	---	4.5-7.3	0	0	0.0-2.0	0-2
	11-29	10-30	---	4.5-6.5	0	0	0.0-2.0	0-4
	29-43	10-30	---	4.5-6.5	0-2	0	0.0-2.0	0-4
	43-48	5.0-30	---	4.5-7.8	0-2	0	0.0-2.0	0-8
	48-80	5.0-30	---	5.1-8.4	0-2	0	0.0-2.0	0-10
Gullied land-----	0-40	---	---	---	---	---	---	---
FaB:								
Faula-----	0-30	2.0-6.0	---	5.1-7.3	0	0	0	0
	30-40	2.0-7.0	---	5.1-7.3	0	0	0	0
	40-80	2.0-8.0	---	5.1-7.3	0	0	0	0
GaB:								
Gasil-----	0-17	2.0-10	---	6.1-7.8	0	0	0.0-2.0	0
	17-75	7.0-20	---	5.1-6.5	0	0	0.0-2.0	0
GaD:								
Gasil-----	0-17	2.0-10	---	6.1-7.8	0	0	0.0-2.0	0
	17-75	7.0-20	---	5.1-6.5	0	0	0.0-2.0	0
GgC:								
Gredge-----	0-7	5.0-15	---	4.5-6.5	0	0	0	0-1
	7-21	20-35	---	4.5-6.5	0	0	0	0-5
	21-40	15-30	---	5.1-7.8	0-5	0-2	0	0-5
	40-57	15-30	---	5.6-8.4	0-5	0-2	0.0-2.0	0-10
	57-68	10-30	---	5.6-8.4	0-5	0-2	0.0-2.0	0-10
GrC:								
Gredge-----	0-7	5.0-15	---	4.5-6.5	0	0	0	0-1
	7-21	20-35	---	4.5-6.5	0	0	0	0-5
	21-40	15-30	---	5.1-7.8	0-5	0-2	0	0-5
	40-57	15-30	---	5.6-8.4	0-5	0-2	0.0-2.0	0-10
	57-68	10-30	---	5.6-8.4	0-5	0-2	0.0-2.0	0-10
GsB:								
Gasil-----	0-17	2.0-5.0	---	6.1-7.8	0	0	0.0-2.0	0
	17-75	7.0-20	---	5.1-6.5	0	0	0.0-2.0	0
GsD:								
Gasil-----	0-17	2.0-5.0	---	6.1-7.8	0	0	0.0-2.0	0
	17-75	7.0-20	---	5.1-6.5	0	0	0.0-2.0	0
JeD:								
Jedd-----	0-10	5.0-10	---	5.6-7.3	0	0	0.0-2.0	0
	10-25	---	15-30	4.5-6.0	0	0	0.0-2.0	0
	25-72	---	---	---	---	---	---	---
JeE:								
Jedd-----	0-10	5.0-10	---	5.6-7.3	0	0	0.0-2.0	0
	10-25	---	15-30	4.5-6.0	0	0	0.0-2.0	0
	25-72	---	---	---	---	---	---	---
JeF:								
Jedd-----	0-17	5.0-10	---	5.6-7.3	0	0	0.0-2.0	0
	17-28	---	15-30	4.5-6.0	0	0	0.0-2.0	0
	28-80	---	---	---	---	---	---	---

Soil Survey of Lee County, Texas

Table 24.--Chemical Soil Properties--Continued

Map symbol and soil name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate	Gypsum	Salinity	Sodium adsorption ratio
	Inches	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
JgD:								
Jedd-----	0-10	5.0-10	---	5.6-7.3	0	0	0.0-2.0	0
	10-25	---	15-30	4.5-6.0	0	0	0.0-2.0	0
	25-72	---	---	---	---	---	---	---
KgC:								
Kurten-----	0-7	1.0-7.0	---	5.6-7.3	0	0	0	0
	7-32	25-45	---	4.5-7.3	0	0-5	0	0
	32-48	25-45	---	4.5-7.8	0	0-5	0	0
	48-80	20-30	---	4.5-7.8	0-5	0-5	0	0
KuC:								
Kurten-----	0-8	3.0-7.0	---	5.1-6.5	0	0	0.0-2.0	0
	8-37	10-30	---	4.5-6.5	0	0	0.0-2.0	0-2
	37-75	10-30	---	6.6-8.4	0-15	0-5	0.0-2.0	0-5
	75-94	10-30	---	5.6-8.4	0-10	0-5	0.0-2.0	0-5
LeB:								
Lexton-----	0-6	15-25	---	5.6-7.3	0	0	0.0-2.0	0
	6-50	20-30	---	5.1-6.5	0-5	0	0.0-2.0	0
	50-84	---	---	---	---	---	---	---
LfA:								
Lufkin-----	0-7	4.0-10	---	5.1-6.5	0	0	0.0-2.0	0
	7-46	20-30	---	4.5-7.8	0	0	0.0-4.0	0-10
	46-65	20-30	---	5.6-8.4	0	0	0.0-4.0	5-13
LgB:								
Luling-----	0-14	40-60	---	6.6-8.4	0	0	0.0-2.0	0-2
	14-42	40-60	---	6.6-8.4	1-5	0	0.0-2.0	0-2
	42-54	40-60	---	6.6-8.4	2-10	2-25	0.0-2.0	0-2
	54-70	35-60	---	6.6-8.4	1-10	2-25	0.0-4.0	2-4
LuB:								
Luling-----	0-6	20-45	---	7.9-8.4	0-30	0	0.0-2.0	0-2
	6-18	20-45	---	7.9-8.4	10-40	0-1	0.0-2.0	0-2
	18-70	20-45	---	7.9-8.4	20-40	0-5	0.0-2.0	2-12
	70-80	20-40	---	7.9-8.4	25-55	0-5	0.0-2.0	2-10
LuC:								
Luling-----	0-6	20-45	---	7.9-8.4	0-30	0	0.0-2.0	0-2
	6-18	20-45	---	7.9-8.4	10-40	0-1	0.0-2.0	0-2
	18-70	20-45	---	7.9-8.4	20-40	0-5	0.0-2.0	2-12
	70-80	20-40	---	7.9-8.4	25-55	0-5	0.0-2.0	2-10
MaA:								
Mabank-----	0-7	5.0-10	---	5.6-7.3	0	0	0.0-2.0	0-3
	7-50	15-30	---	5.6-8.4	0-15	2-22	0.0-2.0	2-10
	50-70	15-30	---	5.6-8.4	0-15	2-22	2.0-8.0	2-13
MrB:								
Margie-----	0-10	3.0-10	---	5.6-7.3	0	0	0.0-2.0	0
	10-27	5.0-20	---	5.1-7.3	0	0	0.0-2.0	0
	27-46	15-25	---	5.1-7.3	0	0	0.0-2.0	0
	46-63	5.0-25	---	5.1-7.8	0	0	0.0-2.0	0
	63-80	---	---	---	---	---	---	---

Soil Survey of Lee County, Texas

Table 24.--Chemical Soil Properties--Continued

Map symbol and soil name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate	Gypsum	Salinity	Sodium adsorption ratio
	Inches	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
NoC:								
Normangee-----	0-7	15-25	---	5.6-7.3	0	0	0.0-2.0	0-2
	7-44	30-40	---	5.6-8.4	0-5	0-5	2.0-8.0	2-10
	44-64	30-40	---	6.1-8.4	0-5	0-5	2.0-8.0	2-7
NVA:								
Navasota-----	0-7	35-60	---	5.6-7.3	0	0	0.0-2.0	0
	7-69	30-45	---	4.5-6.5	0	0-5	0.0-2.0	0
	69-80	20-40	---	4.5-7.8	0-2	0-5	0.0-2.0	0
PdC:								
Padina-----	0-8	2.0-5.0	---	5.6-7.3	0	0	0.0-2.0	0
	8-49	5.0-15	---	5.6-7.3	0	0	0.0-2.0	0
	49-80	10-20	---	5.1-6.5	0	0	0.0-2.0	0
PdF:								
Padina-----	0-8	2.0-5.0	---	5.6-7.3	0	0	0.0-2.0	0
	8-49	5.0-15	---	5.6-7.3	0	0	0.0-2.0	0
	49-80	10-20	---	5.1-6.5	0	0	0.0-2.0	0
Pt:								
Pits and Dumps-----	0-80	---	---	4.5-8.4	0	0	0.0-8.0	0
RaB:								
Rader-----	0-6	2.0-5.0	---	4.5-6.5	0	0	0.0-2.0	0-2
	6-25	2.0-5.0	---	4.5-6.5	0	0	0.0-2.0	0-2
	25-32	---	10-20	4.5-6.0	0	0	0.0-2.0	2-5
	32-52	15-25	---	4.5-6.5	0	0	0.0-2.0	2-10
	52-77	10-25	---	5.1-8.4	0-5	0-2	0.0-4.0	2-10
ReC:								
Rehburg-----	0-23	2.0-5.0	---	5.1-7.3	0	0	0.0-2.0	0
	23-36	2.0-5.0	---	5.1-7.3	0	0	0.0-2.0	0
	36-44	25-40	---	4.5-6.5	0	0	0.0-2.0	0
	44-60	20-35	---	4.5-6.5	0	0	0.0-2.0	0
	60-80	---	---	---	---	---	---	---
RoB:								
Robco-----	0-10	1.0-5.0	---	5.1-6.5	0	0	0.0-2.0	0
	10-28	1.0-5.0	---	5.1-6.5	0	0	0.0-2.0	0
	28-40	---	5.0-10	4.5-6.0	0	0	0.0-2.0	0
	40-58	---	10-25	4.5-6.0	0	0	0.0-2.0	0
	58-80	10-30	---	4.5-7.3	0-1	0-1	0.0-2.0	0
RsC:								
Rosanky-----	0-8	5.0-15	---	5.1-6.5	0	0	0.0-2.0	0
	8-30	15-30	---	5.1-6.0	0	0	0.0-2.0	0
	30-64	5.0-15	---	5.1-6.0	0	0	0.0-2.0	0
	64-70	---	---	---	---	---	---	---
SaA:								
Sandow-----	0-15	15-25	---	6.6-8.4	0	0	0.0-2.0	0
	15-60	10-25	---	6.6-8.4	0-5	0-2	0.0-2.0	0

Soil Survey of Lee County, Texas

Table 24.--Chemical Soil Properties--Continued

Map symbol and soil name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate	Gypsum	Salinity	Sodium adsorption ratio
	Inches	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
SmC:								
Silawa-----	0-13	5.0-10	---	5.1-6.5	0	0	0.0-2.0	0
	13-38	---	5.0-20	4.5-6.0	0	0	0.0-2.0	0
	38-59	---	5.0-15	4.5-6.0	0	0	0.0-2.0	0
	59-70	5.0-10	---	4.5-6.5	0	0	0.0-2.0	0
SnC:								
Silstid-----	0-10	2.0-5.0	---	5.6-7.3	0	0	0.0-2.0	0
	10-37	2.0-5.0	---	5.6-7.3	0	0	0.0-2.0	0
	37-52	3.0-10	---	5.1-6.5	0	0	0.0-2.0	0
	52-80	3.0-10	---	5.1-6.5	0	0	0.0-2.0	0
SnD:								
Silstid-----	0-10	2.0-5.0	---	5.6-7.3	0	0	0.0-2.0	0
	10-37	2.0-5.0	---	5.6-7.3	0	0	0.0-2.0	0
	37-52	3.0-10	---	5.1-6.5	0	0	0.0-2.0	0
	52-80	3.0-10	---	5.1-6.5	0	0	0.0-2.0	0
SoC:								
Singleton-----	0-5	2.0-10	---	5.1-6.5	0	0	0.0-2.0	0-2
	5-37	---	30-40	4.5-6.0	0	0	0.0-2.0	1-4
	37-70	---	---	---	---	---	---	---
SpC:								
Spiller-----	0-18	1.0-5.0	---	5.6-7.3	0	0	0.0-2.0	0
	18-43	20-35	---	5.1-6.5	0	0	0.0-2.0	0
	43-54	20-35	---	5.1-7.3	0	0-2	0.0-2.0	0
	54-80	10-35	---	5.1-8.4	0-10	0-4	0.0-2.0	0
TaB:								
Tabor-----	0-14	2.0-5.0	---	5.1-6.5	0	0	0.0-2.0	0
	14-45	15-25	---	4.5-7.3	0	0	0.0-2.0	2-6
	45-72	10-20	---	5.1-8.4	0-2	0-2	0.0-2.0	5-10
UcA:								
Uhland-----	0-6	15-30	---	5.6-7.8	0	0	0.0-2.0	0-2
	6-60	5.0-20	---	5.6-7.8	0	0	0.0-2.0	0-4
	60-80	15-30	---	5.6-7.8	0	0-4	0.0-4.0	0-4
UfA:								
Uhland-----	0-6	10-20	---	5.6-7.8	0	0	0.0-2.0	0-2
	6-60	5.0-20	---	5.6-7.8	0	0	0.0-2.0	0-4
	60-80	15-30	---	5.6-7.8	0	0-4	0.0-4.0	0-4
W:								
Water-----	---	---	---	---	---	---	---	---
WgE:								
Winedale-----	0-7	5.0-15	---	4.5-6.5	0	0	0	0-2
	7-37	---	45-55	3.6-5.5	0	0-5	0.0-4.0	2-10
	37-80	---	40-50	3.6-5.5	0	0-5	4.0-8.0	2-7
WnB:								
Wilson-----	0-5	20-30	---	5.6-7.3	0	0	0.0-2.0	0-2
	5-32	20-30	---	5.6-7.8	1-10	0-4	0.0-4.0	2-10
	32-77	20-30	---	6.6-8.4	1-20	2-15	2.0-8.0	4-13

Soil Survey of Lee County, Texas

Table 24.--Chemical Soil Properties--Continued

Map symbol and soil name	Depth	Cation exchange capacity	Effective cation exchange capacity	Soil reaction	Calcium carbonate	Gypsum	Salinity	Sodium adsorption ratio
	Inches	meq/100 g	meq/100 g	pH	Pct	Pct	mmhos/cm	
WwA:								
Whitesboro-----	0-22	10-25	---	5.6-7.8	0	0	0.0-2.0	0
	22-29	10-25	---	5.6-8.4	0	0	0.0-2.0	0
	29-80	10-25	---	6.1-8.4	0	0	0.0-2.0	0
ZaC:								
Zack-----	0-10	5.0-10	---	5.1-6.5	0	0	0.0-2.0	0
	10-20	30-45	---	5.6-7.3	0	0	0.0-2.0	0
	20-30	30-45	---	5.6-8.4	0-1	0	0.0-2.0	0-8
	30-38	20-30	---	6.6-8.4	0-1	0	0.0-2.0	0-8
	38-80	15-30	---	7.4-8.4	0-1	0	0.0-4.0	2-10
ZaD:								
Zack-----	0-7	5.0-10	---	5.1-6.5	0	0	0.0-2.0	0
	7-18	30-45	---	5.6-7.3	0	0	0.0-2.0	0
	18-24	30-45	---	5.6-8.4	0-1	0	0.0-2.0	0-8
	24-36	20-30	---	6.6-8.4	0-1	0	0.0-2.0	0-8
	36-60	15-30	---	7.4-8.4	0-1	0	0.0-4.0	2-10
ZbA:								
Zilaboy-----	0-18	40-60	---	5.6-7.3	0	0	0.0-2.0	0
	18-70	40-55	---	5.6-8.4	0-10	0	0.0-2.0	0
	70-80	15-35	---	5.6-7.3	0-2	0	0.0-2.0	0-2
ZgC:								
Zack-----	0-7	5.0-10	---	5.1-6.5	0	0	0	0
	7-18	30-45	---	5.6-7.3	0	0	0	0
	18-24	30-45	---	5.6-8.4	0-1	0	0	0-8
	24-36	20-30	---	6.6-8.4	0-1	0	0.0-2.0	0-8
	36-60	15-30	---	7.4-8.4	0-1	0	0.0-4.0	2-10
ZuC:								
Zulch-----	0-5	1.0-6.0	---	5.6-7.3	0	0	0.0-2.0	0
	5-13	30-45	---	5.6-7.8	0-2	0	0.0-2.0	1-5
	13-36	40-50	---	6.1-7.8	0-2	0-2	0.0-2.0	1-6
	36-60	40-50	---	6.6-8.4	0-2	0-2	0.0-2.0	1-6

Table 25.--Water Features

(Depths of layers are in feet. See text for definitions of terms used in this table. Estimates of the frequency of ponding and flooding apply to the whole year rather than to individual months. Absence of an entry indicates that the feature is not a concern or that data were not estimated.)

Map symbol and soil name	Hydro- logic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
				Ft	Ft	Ft				
ArD: Arenosa-----	A	Very low	Jan-Dec	---	---	---	---	None	---	None
BeB: Benchley-----	D	High	Jan-Dec	---	---	---	---	None	---	None
BeC: Benchley-----	D	High	Jan-Dec	---	---	---	---	None	---	None
BgB: Boonville-----	D	Very high	Jan-Feb	0.5-1.0	1.5-2.0	---	---	None	---	None
			Mar-Nov	---	---	---	---	None	---	None
			Dec	0.5-1.0	1.5-2.0	---	---	None	---	None
BoB: Boonville-----	D	Very high	Jan-Feb	0.5-1.0	1.5-2.0	---	---	None	---	None
			Mar-Nov	---	---	---	---	None	---	None
			Dec	0.5-1.0	1.5-2.0	---	---	None	---	None
BuC: Burlewash-----	D	Very high	Jan-Dec	---	---	---	---	None	---	None
BwC: Burlewash-----	D	Very high	Jan-Dec	---	---	---	---	None	---	None
BxG: Burlewash-----	D	Very high	Jan-Dec	---	---	---	---	None	---	None



Table 25.--Water Features--Continued

Map symbol and soil name	Hydro- logic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
				Ft	Ft	Ft				
Koether-----	D	Low	Jan-Dec	---	---	---	---	None	---	None
CgB: Crockett-----	D	Very high	Jan-Dec	---	---	---	---	None	---	None
ChC: Chazos-----	C	High	Jan-Dec	---	---	---	---	None	---	None
CrC: Crockett-----	D	Very high	Jan-Dec	---	---	---	---	None	---	None
CrC2: Crockett, eroded-----	D	Very high	Jan-Dec	---	---	---	---	None	---	None
DuC: Dutek-----	A	Negligible	Jan-Dec February	---	---	---	---	None None	---	None None
DwB: Davilla-----	D	Very high	Jan-Dec	---	---	---	---	None	---	None
Wilson-----	D	High	Jan-Dec	---	---	---	---	None	---	None
EdB: Edge-----	D	Very high	Jan-Dec	---	---	---	---	None	---	None
EdC2: Edge-----	D	Very high	Jan-Dec	---	---	---	---	None	---	None

Table 25.--Water Features--Continued

Map symbol and soil name	Hydro- logic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
				Ft	Ft	Ft				
EdD: Edge-----	D	Very high	Jan-Dec	---	---	---	---	None	---	None
EgD: Edge-----	D	Very high	Jan-Dec	---	---	---	---	None	---	None
Gullied land-----	D	Very high	Jan-Dec	---	---	---	---	None	---	None
FaB: Faula-----	A	Negligible	Jan-Dec	---	---	---	---	None	---	None
GaB: Gasil-----	B	Low	Jan-Dec	---	---	---	---	None	---	None
GaD: Gasil-----	B	Medium	Jan-Dec	---	---	---	---	None	---	None
GgC: Gredge-----	D	Very high	Jan-Dec	---	---	---	---	None	---	None
GrC: Gredge-----	D	Very high	Jan-Dec	---	---	---	---	None	---	None
GsB: Gasil-----	B	Low	Jan-Dec	---	---	---	---	None	---	None
GsD: Gasil-----	B	Medium	Jan-Dec	---	---	---	---	None	---	None

Table 25.--Water Features--Continued

Map symbol and soil name	Hydro- logic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
				Ft	Ft	Ft				
JeD: Jedd-----	C	High	Jan-Dec	---	---	---	---	None	---	None
JeE: Jedd-----	C	High	Jan-Dec	---	---	---	---	None	---	None
JeF: Jedd-----	C	High	Jan-Dec	---	---	---	---	None	---	None
JgD: Jedd-----	C	High	Jan-Dec	---	---	---	---	None	---	None
KgC: Kurten-----	D	Very high	Jan-Dec	---	---	---	---	None	---	None
KuC: Kurten-----	D	Very high	Jan-Dec	---	---	---	---	None	---	None
LeB: Lexton-----	B	Medium	Jan-Dec	---	---	---	---	None	---	None
LfA: Lufkin-----	D	High	Jan-Dec	---	---	---	---	None	---	None
LgB: Luling-----	D	Very high	Jan-Dec	---	---	---	---	None	---	None
LuB: Luling-----	D	Very high	Jan-Dec	---	---	---	---	None	---	None

Table 25.--Water Features--Continued

Map symbol and soil name	Hydro- logic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
				Ft	Ft	Ft				
LuC: Luling-----	D	Very high	Jan-Dec	---	---	---	---	None	---	None
MaA: Mabank-----	D	High	Jan-Dec	---	---	---	---	None	---	None
MrB: Margie-----	C	Medium	Jan-Dec	---	---	---	---	None	---	None
NoC: Normangee-----	D	Very high	Jan-Dec	---	---	---	---	None	---	None
NvA: Navasota-----	D	High	Jan-May Oct-Dec	1.0-2.5 1.0-2.5	1.5-3.5 1.5-3.5	---	---	None None	Very long Very long	Frequent Frequent
PdC: Padina-----	B	Negligible	Jan-Dec	---	---	---	---	None	---	None
PdF: Padina-----	B	Negligible	Jan-Dec	---	---	---	---	None	---	None
Pt: Pits and Dumps-----	D	High	Jan-Dec	---	---	---	---	None	---	None
RaB: Rader-----	D	Very high	Jan-May Jun-Nov Dec	2.0-4.0 --- 2.0-4.0	2.5-5.0 --- 2.5-5.0	---	---	None None None	---	None None None

Table 25.--Water Features--Continued

Map symbol and soil name	Hydro- logic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
				Ft	Ft	Ft				
ReC: Rehburg-----	C	High	Jan-Apr	3.0-4.0	3.5-5.0	---	---	None	---	None
			May-Nov	---	---	---	---	None	---	None
			Dec	3.0-4.0	3.5-5.0	---	---	None	---	None
RoB: Robco-----	C	Medium	Jan-Apr	1.5-3.5	2.0-4.0	---	---	None	---	None
			May-Dec	---	---	---	---	None	---	None
RsC: Rosanky-----	C	Medium	Jan-Dec	---	---	---	---	None	---	None
SaA: Sandow-----	B	Low	May-Sep	---	---	---	---	None	Brief	Frequent
SmC: Silawa-----	B	Low	Jan-Dec	---	---	---	---	None	---	None
SnC: Silstid-----	B	Very low	Jan-Dec	---	---	---	---	None	---	None
SnD: Silstid-----	B	Low	Jan-Dec	---	---	---	---	None	---	None
SoC: Singleton-----	D	Very high	Jan-Dec	---	---	---	---	None	---	None
SpC: Spiller-----	C	High	Jan-Dec	---	---	---	---	None	---	None

Table 25.--Water Features--Continued

Map symbol and soil name	Hydro- logic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
				Ft	Ft	Ft				
TaB: Tabor-----	D	Very high	Jan-Dec	---	---	---	---	None	---	None
UcA: Uhland-----	B	Low	Feb Mar-May Jun	--- 2.0-3.5 ---	--- 2.5-5.0 ---	--- --- ---	--- --- ---	None None None	Brief Brief Brief	Frequent Frequent Frequent
UfA: Uhland-----	B	Low	Feb Mar-May Jun	--- 2.0-3.5 ---	--- 2.5-5.0 ---	--- --- ---	--- --- ---	None None None	Brief Brief Brief	Frequent Frequent Frequent
W: Water-----	---	---	Jan-Dec	---	---	---	---	None	---	---
WgE: Winedale-----	D	Very high	Jan-Dec	---	---	---	---	None	---	None
WnB: Wilson-----	D	Very high	Jan-Dec	---	---	---	---	None	---	None
WwA: Whitesboro-----	C	Negligible	Jan-Dec	---	---	---	---	None	Brief	Frequent
ZaC: Zack-----	D	Very high	Jan-Dec	---	---	---	---	None	---	None
ZaD: Zack-----	D	Very high	Jan-Dec	---	---	---	---	None	---	None

Table 25.--Water Features--Continued

Map symbol and soil name	Hydro- logic group	Surface runoff	Month	Water table		Ponding			Flooding	
				Upper limit	Lower limit	Surface water depth	Duration	Frequency	Duration	Frequency
ZbA: Zilaboy-----	D	High		Ft	Ft	Ft				
			Jan-May	1.0-3.0	>6.0	---	---	None	Brief	Frequent
			Sep	---	---	---	---	None	Brief	Frequent
			Oct-Dec	1.0-3.0	>6.0	---	---	None	Brief	Frequent
ZgC: Zack-----	D	Very high	Jan-Dec	---	---	---	---	None	---	None
ZuC: Zulch-----	D	Very high	Jan-Dec	---	---	---	---	None	---	None

# Soil Survey of Lee County, Texas

Table 26.--Soil Features

(See text for definitions of terms used in this table. Absence of an entry indicates that the feature is not a concern or that data were not estimated.)

Map symbol and soil name	Restrictive layer			Risk of corrosion		
	Kind	Depth to top	Thickness	Hardness	Uncoated steel	Concrete
		In	In			
ArD: Arenosa-----	---	---	---	---	Low	Low
BeB: Benchley-----	---	---	---	---	High	Moderate
BeC: Benchley-----	---	---	---	---	High	Moderate
BgB: Boonville-----	---	---	---	---	High	Low
BoB: Boonville-----	---	---	---	---	High	Low
BuC: Burlewash-----	Paralithic bedrock	20-40	---	Weakly cemented	High	High
BwC: Burlewash-----	Paralithic bedrock	20-40	---	Weakly cemented	High	Low
BxG: Burlewash-----	Paralithic bedrock	20-40	---	Weakly cemented	High	High
Koether-----	Lithic bedrock	7-20	---	Strongly cemented	Low	High
CgB: Crockett-----	---	---	---	---	High	Low
ChC: Chazos-----	---	---	---	---	High	Moderate
CrC: Crockett-----	---	---	---	---	High	Low
CrC2: Crockett, eroded-----	---	---	---	---	High	Low
DuC: Dutek-----	---	---	---	---	Moderate	Moderate
DwB: Davilla-----	---	---	---	---	High	Low
Wilson-----	---	---	---	---	High	High
EdB: Edge-----	---	---	---	---	Moderate	Moderate
EdC2: Edge-----	---	---	---	---	Moderate	Moderate



Soil Survey of Lee County, Texas

Table 26.--Soil Features--Continued

Map symbol and soil name	Restrictive layer			Risk of corrosion		
	Kind	Depth to top In	Thickness In	Hardness	Uncoated steel	Concrete
EdD: Edge-----	---	---	---	---	Moderate	Moderate
EgD: Edge-----	---	---	---	---	Moderate	Moderate
Gullied land-----	---	---	---	---	Low	High
FaB: Faula-----	---	---	---	---	Low	Moderate
GaB: Gasil-----	---	---	---	---	Low	Moderate
GaD: Gasil-----	---	---	---	---	Low	Moderate
GgC: Gredge-----	---	---	---	---	High	Low
GrC: Gredge-----	---	---	---	---	High	Low
GsB: Gasil-----	---	---	---	---	Low	Moderate
GsD: Gasil-----	---	---	---	---	Low	Moderate
JeD: Jedd-----	Paralithic bedrock	20-40	---	Weakly cemented	High	Moderate
JeE: Jedd-----	Paralithic bedrock	20-40	---	Weakly cemented	High	Moderate
JeF: Jedd-----	Paralithic bedrock	20-40	---	Weakly cemented	High	Moderate
JgD: Jedd-----	Paralithic bedrock	20-40	---	Weakly cemented	High	Moderate
KgC: Kurten-----	---	---	---	---	High	Moderate
KuC: Kurten-----	---	---	---	---	High	Moderate
LeB: Lexton-----	---	---	---	---	High	Moderate
LfA: Lufkin-----	---	---	---	---	High	Moderate

Soil Survey of Lee County, Texas

Table 26.--Soil Features--Continued

Map symbol and soil name	Restrictive layer			Risk of corrosion		
	Kind	Depth to top In	Thickness In	Hardness	Uncoated steel	Concrete
LgB: Luling-----	---	---	---	---	High	Low
LuB: Luling-----	---	---	---	---	High	Low
LuC: Luling-----	---	---	---	---	High	Low
MaA: Mabank-----	---	---	---	---	High	Moderate
MrB: Margie-----	---	---	---	---	High	Moderate
NoC: Normangee-----	---	---	---	---	High	Low
NvA: Navasota-----	---	---	---	---	High	Moderate
PdC: Padina-----	---	---	---	---	High	Moderate
PdF: Padina-----	---	---	---	---	High	Moderate
Pt: Pits and Dumps-----	---	---	---	---	High	Low
RaB: Rader-----	---	---	---	---	High	Moderate
ReC: Rehburg-----	Paralithic bedrock	40-60	---	Weakly cemented	High	High
RoB: Robco-----	---	---	---	---	High	High
RsC: Rosanky-----	Paralithic bedrock	60-80	---	Weakly cemented	High	Low
SaA: Sandow-----	---	---	---	---	Moderate	Low
SmC: Silawa-----	---	---	---	---	Moderate	Moderate
SnC: Silstid-----	---	---	---	---	Moderate	Moderate
SnD: Silstid-----	---	---	---	---	Moderate	Moderate

Soil Survey of Lee County, Texas

Table 26.--Soil Features--Continued

Map symbol and soil name	Restrictive layer			Risk of corrosion		
	Kind	Depth to top In	Thickness In	Hardness	Uncoated steel	Concrete
SoC: Singleton-----	Paralithic bedrock	20-40	---	Weakly cemented	High	Moderate
SpC: Spiller-----	---	---	---	---	High	Moderate
TaB: Tabor-----	---	---	---	---	High	High
UcA: Uhland-----	---	---	---	---	High	Low
UfA: Uhland-----	---	---	---	---	High	Low
W: Water-----	---	---	---	---	---	---
WgE: Winedale-----	---	---	---	---	High	High
WnB: Wilson-----	---	---	---	---	High	High
WwA: Whitesboro-----	---	---	---	---	High	Low
ZaC: Zack-----	---	---	---	---	High	Low
ZaD: Zack-----	---	---	---	---	High	Low
ZbA: Zilaboy-----	---	---	---	---	High	Low
ZgC: Zack-----	---	---	---	---	High	Low
ZuC: Zulch-----	---	---	---	---	High	Moderate

Table 27.--Physical Analysis of Selected Soils

(The abbreviation "COLE" means coefficient of linear extensibility. Dashes indicate that data were not available. tr = trace.)

Soil name and sample number	Depth	Horizon	Particle-size distribution								Water content		Bulk density		COLE
			Sand								Silt (0.05-0.002 mm)	Clay (<0.02 mm)	1/3 bar	1/3 bar	
			Very coarse (2.0-1.0 mm)	Coarse (1.0-0.5mm)	Medium (0.5-0.25mm)	Fine (0.25-0.1 mm)	Very fine (0.1-0.05 mm)	Total (2.0-0.05 mm)							
Pct											g/cc	Cm/Cm			
Davilla (1,3) S99TX-287-002	0-9	Ap	1.2	1.1	3.2	33.1	26.8	65.4	27.8	6.8	11.3	1.59	0.008		
	9-18	Bt	0.3	0.5	1.3	17.1	18.4	37.6	27.9	34.5	24.6	1.48	0.063		
	18-28	Btg1	0.2	0.5	1.3	15.3	20.1	37.4	33.7	28.9	19.6	1.61	0.055		
	28-49	Btg2	1.1	1.1	1.4	14.4	19.4	37.4	33.8	28.8	18.8	1.66	0.051		
	49-63	Btkg1	0.7	0.7	1.2	13.7	19.8	36.1	35.4	28.5	20.1	1.62	0.058		
	63-80	Btkg2	0.7	0.8	1.1	13.1	18.9	34.6	36.0	29.4	23.9	1.48	0.081		
Favilla (1,3) S97TX-287-002	0-4	A	0.2	1.4	20.1	53.9	14.0	89.6	7.7	2.7	7.0	1.39	0.005		
	10-21	E	0.1	1.4	20.6	54.3	13.4	89.8	7.8	2.4	6.0	1.55	0.002		
	21-31	E and Bt1	0.1	1.3	23.5	51.9	13.2	90.0	7.0	3.0	6.1	1.51	0.002		
	31-40	E and Bt2	0.1	1.1	19.3	53.6	14.3	88.4	7.9	3.7	5.7	1.48	0.004		
	40-68	E and Bt3	--	0.7	16.9	54.5	15.6	87.7	8.3	4.0	7.0	1.52	0.002		
	68-81	E and Bt4	tr	1.1	16.4	54.6	15.5	87.6	9.5	2.9	12.9	1.53	0.002		
Lexton (1,3) S97TX-287-001	0-9	Ap	1.2	1.6	2.8	11.9	17.2	34.7	23.8	41.5	24.8	1.41	0.051		
	9-16	Bt	1.7	1.7	1.8	6.2	8.7	20.1	15.6	64.3	39.8	1.18	0.105		
	16-37	Btss	1.5	0.4	1.4	6.0	9.1	18.4	18.3	63.3	36.8	1.25	0.110		
	37-58	Bkss	0.2	0.6	2.2	8.3	9.1	20.4	22.2	57.4	36.6	1.26	0.115		
	58-68	Cr/B	7.3	10.2	12.0	15.8	7.0	52.3	13.9	33.8	41.5	1.13	0.037		
	68-80	C	0.1	0.7	7.5	19.4	5.9	33.6	22.8	43.6	50.3	0.98	0.088		
Mabank (2,4) S01TX-287-064	0-9	Ap	0.1	0.5	3.5	25.2	18.8	48.1	37.0	14.9	19.8	1.48	0.018		
	9-18	Btssg1	0.2	0.3	2.2	17.4	13.3	33.4	23.8	42.8	31.0	1.38	0.116		
	18-25	Btssg2	0.1	0.4	2.8	19.9	14.1	37.3	24.8	37.9	25.5	1.50	0.091		
	25-41	Btssg3	0.1	0.4	2.8	23.8	16.4	43.5	24.3	32.2	21.5	1.57	0.068		
	41-50	Btg1	0.0	0.3	3.7	33.1	18.7	55.8	17.9	26.3	27.7	1.45	0.069		
	50-61	Btg2	0.3	0.9	6.5	44.5	18.9	71.1	12.1	16.8	22.4	1.59	0.034		
	61-73	2Cd1	0.6	1.3	9.5	49.4	17.7	78.5	8.7	12.8	14.9	1.70	0.014		
	73-80	2Cd2	1.1	3.2	18.8	45.0	11.7	79.8	6.3	13.9	15.7	1.64	0.008		

See footnotes at end of table

Table 27.--Physical Analysis of Selected Soils

Soil name and sample number	Depth	Horizon	Particle-size distribution								Water content	Bulk density	COLE
			Sand					Silt (0.05-0.002 mm)	Clay (<0.02 mm)	1/3 bar	1/3 bar		
			Very coarse (2.0-1.0 mm)	Coarse (1.0-0.5mm)	Medium (0.5-0.25mm)	Fine (0.25-0.1 mm)	Very fine (0.1-0.05 mm)					Total (2.0-0.05 mm)	
<u>In</u>			Pct								g/cc	Cm/Cm	
Wilson (3,5) S99TX-287-001	0-11	Ap	0.2	0.4	2.1	28.8	29.2	5.3	32.8	6.5	11.0	1.65	0.006
	11-14	Ab	0.2	0.3	1.5	19.7	21.7	10.2	43.4	13.2	16.8	1.61	0.020
	14-24	Btss1	0.1	0.2	1.1	11.5	14.5	30.4	35.7	36.9	25.0	1.47	0.095
	24-31	Btss2	0.1	0.2	1.1	13.2	14.4	26.1	37.6	33.4	25.5	1.47	0.083
	31-36	Btkss	0.3	0.1	1.1	12.4	15.1	24.7	37.7	33.3	25.6	1.46	0.084
	36-42	Btkssy	0.3	0.3	0.8	12.4	14.9	19.9	37.2	34.1	27.2	1.45	0.066
	42-54	Btky1	---	0.2	0.9	11.9	14.6	24.3	37.9	34.5	27.2	1.45	0.085
	54-80	Btky2	0.7	0.5	1.4	13.5	14.7	22.1	35.4	33.8	25.0	1.50	0.087
Zilaboy (2,6) S01TX-287-001	0-5	A1	0.1	0.2	0.6	1.5	2.9	5.3	34.5	60.2	45.6	1.12	0.145
	5-14	A2	0.0	0.1	0.3	0.9	2.1	3.4	32.6	64.0	43.9	1.18	0.149
	14-25	Bss1	0.0	0.1	0.2	0.8	2.7	3.8	30.0	66.2	42.8	1.17	0.159
	25-38	Bss2	0.0	0.0	0.2	1.1	3.4	4.7	31.3	64.0	45.3	1.15	0.167
	38-54	Bss3	0.0	0.1	0.3	2.3	8.4	11.1	36.8	52.1	36.8	1.27	0.123
	54-67	Bss4	0.0	0.1	0.3	2.6	9.5	12.5	35.2	52.3	41.2	1.22	0.155
	67-80	Bssy	0.0	0.1	0.4	3.7	11.6	15.8	35.8	48.4	37.3	1.28	0.139

- (1) Location of pedon sample is the same as the pedon given as typical for series in "Soil Series and Their Morphology."
- (2) Analysis by Soil Characterization Laboratory, Texas A&M University, College Station, Texas.
- (3) Analysis by the USDA-NRCS National Soil Survey Laboratory, Lincoln, Nebraska.
- (4) Location of pedon sample; from the intersection of U.S. Highway 77 and U.S. Highway 290 in Giddings, 7.7 miles east on U.S. Highway 290, 1.6 miles south on ranch road, and 500 feet west in improved pasture.
- (5) Location of pedon sample; from intersection of U.S. Highway 77 and Farm Road 1624, 0.9 mile west on Farm Road 1624, and 1,500 feet southeast in cropland.
- (6) Location of pedon sample; from the intersection of Texas Highway 21 and Farm Road 141 in Old Dime Box, Texas, 5.3 miles south on Farm Road 141, 1.3 mile east on Farm Road 1697, 1.1 miles east on County Road 124, 0.6 mile northwest on oilfield road, and 1,200 feet north in flood plain.

Table 28.--Chemical Analysis of Selected Soils

(Dashes indicate that analyses were not made. \*-Extractable Ca may contain Ca from calcium carbonate or gypsum. tr=trace.)

Soil name and sample number	Depth	Horizon	Extractable bases				Total Extractable Bases	Base saturation	Organic carbon	pH 1:1 (soil:water)	Electric Conductivity	Sodium adsorption ratio (SAR)	Exchangeable sodium (ESP)	Calcium carbonate equivalent
			Ca	Mg	K	Na								
	In		-----Meq/100g-----					Pct	Pct	pH	(dS/m)		Pct	Pct
Davilla (1,3) S99TX-287-002	0-9	Ap	2.5	1.1	0.2	0.1	3.9	53	---	5.5	---	---	2.0	---
	9-18	Btss1	13.8	7.0	0.5	0.2	21.5	77	---	5.8	---	---	1.0	---
	18-28	Btss2	12.0	6.8	0.2	0.4	19.4	82	---	6.5	---	---	2.0	---
	28-49	Btss3	14.9*	7.3	0.3	1.0	23.5	92	---	7.7	0.75	2	4.0	tr
	49-63	Btk1	20.5*	7.2	0.3	0.9	---	95	---	7.9	0.71	2	3.0	1
	63-80	Btk2	31.3*	7.5	0.4	0.8	---	100	---	7.9	0.73	2	3.0	3
Faula (1,3) S97TX-287-002	0-4	A	2.7*	0.3	0.9	---	3.9	85	0.29	6.7	---	---	---	---
	10-21	E	2.1*	0.2	0.5	0.5	3.3	100	0.06	6.7	---	---	42.0	---
	21-31	E/Bt1	---	0.2	1.5	0.5	2.2	92	0.08	6.7	---	---	38.0	---
	31-40	E/Bt2	0.9*	0.1	0.7	0.2	1.9	100	0.05	6.8	---	---	14.0	---
	40-68	E/Bt3	1.4*	0.1	0.6	0.1	2.2	88	0.03	6.7	---	---	7.0	---
	68-81	E/Bt4	0.7*	0.2	0.3	---	1.2	60	0.03	6.8	---	---	---	---
	81-85	E	0.1*	---	1.2	0.2	1.2	83	0.03	6.7	---	---	25.0	---
Lexton (1,3) S97TX-287-001	0-9	Ap	15.3	5.6	0.7	0.1	21.7	65	2.21	5.9	---	---	tr	---
	9-16	Bt	19.9	10.2	0.8	0.2	31.1	75	1.13	6.6	---	---	1.0	---
	16-37	Btss	23.7*	16.6	0.9	0.4	41.6	86	0.79	7.3	0.44	tr	1.0	---
	37-58	Bkss	34.0*	15.9	0.8	0.7	51.4	95	0.36	8.0	0.42	1	1.0	tr
	58-68	Cr/B	35.8*	12.1	1.5	0.6	50.0	91	0.09	7.9	---	---	1.0	tr
	68-80	C	59.9*	13.6	1.6	0.3	---	97	0.06	8.1	---	---	1.0	1
Mabank (2,4) S01TX-287-064	0-9	Ap	6.6	1.8	0.1	0.2	8.7	84	1.00	5.7	---	---	2.0	---
	9-18	Btssg1	17.4	5.6	0.3	2.6	25.9	76	0.80	5.7	0.5	6	7.0	---
	18-25	Btssg2	14.4	5.5	0.2	3.5	23.6	80	0.62	5.9	1.5	9	10.0	---
	25-41	Btssg3	12.3	3.7	0.2	4.2	20.4	78	0.44	5.9	4.8	9	11.0	---
	41-50	Btg1	10.2	3.8	0.2	3.9	18.1	100	0.17	5.8	4.0	10	17.0	---
	50-61	Btg2	6.9	24.4	0.1	2.6	34.0	100	0.11	5.8	3.9	9	18.0	---
	61-73	2Cd1	4.3	1.6	0.1	1.5	7.5	97	0.08	5.7	3.5	9	12.0	---
	73-80	2Cd2	5.7	1.9	0.1	1.6	9.3	100	0.07	5.7	3.5	9	12.0	---

See footnotes at end of table

Table 28.--Chemical Analysis of Selected Soils

Soil name and sample number	Depth	Horizon	Extractable bases				Total Extractable Bases	Base saturation	Organic carbon	pH 1:1 (soil:water)	Electric Conductivity	Sodium adsorption ratio (SAR)	Exchangeable sodium (ESP)	Calcium carbonate equivalent
			Ca	Mg	K	Na								
Wilson (3,5) S99TX-287-001	In		-----Meq/100g-----					Pct	Pct	pH	(dS/m)		Pct	Pct
	0-11	Ap	2.9	0.9	0.1	0.2	4.1	63	---	5.3	---	---	4	---
	11-14	Ab	7.2	2.2	0.2	0.2	9.8	78	---	6.2	---	---	2	---
	14-24	Btss1	21.2	7.8	0.4	0.3	29.7	90	---	6.6	---	---	1	---
	24-31	Btss2	22.1	6.5	0.4	0.3	29.3	93	---	7.0	---	---	1	tr
	31-36	Btkss	32.1*	5.7	0.5	0.3	38.6	96	---	7.3	2.61	tr	1	tr
	36-42	Btkssy	122.8*	5.5	0.3	0.4	129.0	99	---	7.4	2.78	tr	1	tr
	42-54	Btky1	46.6*	8.2	0.5	0.5	55.8	97	---	7.4	2.97	1	1	tr
54-80	Btky2	58.0*	10.0	0.5	0.6	---	98	---	7.5	3.25	1	1	3	
Zilaboy (2,6) S01TX-287-001	0-5	A1	24.2	9.3	0.9	1.2	35.6	76	2.03	5.3	0.6	3	2	---
	5-14	A2	23.3	9.4	0.7	2.8	36.2	78	1.53	5.0	1.0	4	5	---
	14-25	Bss1	21.5	9.3	0.7	4.1	35.6	75	1.03	4.7	1.5	8	7	---
	25-38	Bss2	18.4	9.2	0.7	6.1	34.4	75	1.01	4.5	2.9	11	9	---
	38-54	Bss3	12.3	7.4	0.5	7.6	27.8	76	0.95	4.5	4.9	15	15	---
	54-67	Bss4	12.5	9.0	0.6	9.6	31.7	83	0.76	4.3	8.0	15	16	---
	67-80	Bssy	66.4	9.2	0.5	9.3	85.4	100	0.56	4.6	9.0	14	16	---

- (1) Location of pedon sample is the same as the pedon given as typical for series in "Soil Series and Their Morphology."
- (2) Analysis by Soil Characterization Laboratory, Texas A&M University, College Station, Texas.
- (3) Analysis by the USDA-NRCS National Soil Survey Laboratory, Lincoln, Nebraska.
- (4) Location of pedon sample; from the intersection of U.S. Highway 77 and U.S. Highway 290 in Giddings, 7.7 miles east on U.S. Highway 290, 1.6 miles south on ranch road, and 500 feet west in improved pasture.
- (5) Location of pedon sample; from intersection of U.S. Highway 77 and Farm Road 1624, 0.9 mile west on Farm Road 1624, and 1,500 feet southeast in cropland.
- (6) Location of pedon sample; from the intersection of Texas Highway 21 and Farm Road 141 in Old Dime Box, Texas, 5.3 miles south on Farm Road 141, 1.3 mile east on Farm Road 1697, 1.1 miles east on County Road 124, 0.6 mile northwest on oilfield road, and 1,200 feet north in flood plain.

Table 29.--Clay Mineralogy of Selected Soils

(Analysis by USDA-NRCS National Soil Survey Laboratory, Lincoln, Nebraska. Dashes indicate that none of the mineral was detected. Relative Peak Size: 5=Very large; 4=Large; 3=Medium; 2=Small; 1=Very small.)

Soil name and sample number	Depth	Horizon	X-Ray Diffraction of Clay Fraction (<0.002mm)						
			Montmorillonite	Kaolinite	Quartz	Mica	Goethite	Hematite	Vermiculite
Davilla (1) S99TX-287-002	<u>In</u>								
	0-9	Ap	1	2	---	---	---	---	---
	9-18	Btss1	---	---	---	---	---	---	---
	18-28	Btss2	---	---	---	---	---	---	---
	28-49	Btss3	3	2	2	1	---	---	---
	49-63	Btk1	---	---	---	---	---	---	---
63-80	Btk2	---	---	---	---	---	---	---	
Lexton (1) S97TX-287-001	0-9	Ap	---	---	---	---	---	---	---
	9-16	Bt	2	2	1		2	2	
	16-37	Btss	---	---	---	---	---	---	
	37-58	Bkss	3	3	1		2	2	1
	58-68	Cr/B	---	---	---	---	---	---	---
	68-80	C	---	---	---	---	---	---	---
Wilson (2) S99TX-287-001	0-11	Ap	3	3	1	---	---	---	---
	11-14	Ab	---	---	---	---	---	---	---
	14-24	Btss1	---	---	---	---	---	---	---
	24-31	Btss2	3	1	2	---	---	---	---
	31-36	Btkss	---	---	---	---	---	---	---
	36-42	Btkssy	---	---	---	---	---	---	---
	42-54	Btky1	3	2	2	---	---	---	---
	54-80	Btky2	---	---	---	---	---	---	---

(1) Location of pedon sample is the same as the pedon given as typical for series in "Soil Series and Their Morphology."

(2) Location of pedon sample; from intersection of U.S. Highway 77 and Farm Road 1624, 0.9 mile west on Farm Road 1624, and 1,500 feet southeast in cropland.



## Soil Survey of Lee County, Texas

Table 30.--Taxonomic Classification of the Soils

Soil name	Family or higher taxonomic class
Arenosa-----	Thermic, uncoated Ustic Quartzipsamments
Benchley-----	Fine, smectitic, thermic Udertic Argiustolls
Boonville-----	Fine, smectitic, thermic Chromic Vertic Albaqualfs
Burlewash-----	Fine, smectitic, thermic Ultic Paleustalfs
Chazos-----	Fine, smectitic, thermic Udic Paleustalfs
Crockett-----	Fine, smectitic, thermic Udertic Paleustalfs
Davilla-----	Fine-loamy, siliceous, semiactive, thermic Udic Haplustalfs
Dutek-----	Loamy, siliceous, active, thermic Arenic Haplustalfs
Edge-----	Fine, mixed, active, thermic Udic Paleustalfs
Faula-----	Sandy, siliceous, thermic Lamellic Paleustalfs
Gasil-----	Fine-loamy, siliceous, semiactive, thermic Ultic Paleustalfs
Gredge-----	Fine, smectitic, thermic Udic Paleustalfs
Jedd-----	Fine, mixed, semiactive, thermic Ultic Paleustalfs
Koether-----	Sandy-skeletal, siliceous, thermic Lithic Ustorthents
Kurten-----	Fine, smectitic, thermic Udertic Paleustalfs
Lexton-----	Very-fine, mixed, active, thermic Chromic Udic Haplusterts
Lufkin-----	Fine, smectitic, thermic Oxyaquic Vertic Paleustalfs
Luling-----	Fine, smectitic, thermic Udic Haplusterts
Mabank-----	Fine, smectitic, thermic Oxyaquic Vertic Paleustalfs
Margie-----	Fine, mixed, semiactive, thermic Udic Haplustalfs
Navasota-----	Fine, smectitic, thermic Aeric Endoaquerts
Normangee-----	Fine, smectitic, thermic Udertic Haplustalfs
Padina-----	Loamy, siliceous, active, thermic Grossarenic Paleustalfs
Rader-----	Fine-loamy, mixed, semiactive, thermic Aquic Paleustalfs
Rehburg-----	Loamy, mixed, active, thermic Aquic Arenic Paleustalfs
Robco-----	Loamy, siliceous, active, thermic Aquic Arenic Paleustalfs
Rosanky-----	Fine, mixed, semiactive, thermic Ultic Paleustalfs
Sandow-----	Fine-loamy, siliceous, superactive, thermic Udifluventic Haplustepts
Silawa-----	Fine-loamy, siliceous, semiactive, thermic Ultic Haplustalfs
Silstid-----	Loamy, siliceous, semiactive, thermic Arenic Paleustalfs
Singleton-----	Fine, smectitic, thermic Udic Paleustalfs
Spiller-----	Fine, mixed, semiactive, thermic Ultic Paleustalfs
Tabor-----	Fine, smectitic, thermic Oxyaquic Vertic Paleustalfs
Uhland-----	Coarse-loamy, siliceous, superactive, thermic Aquic Haplustepts
Whitesboro-----	Fine-loamy, mixed, superactive, thermic Cumulic Haplustolls
Wilson-----	Fine, smectitic, thermic Oxyaquic Vertic Haplustalfs
Winedale-----	Very-fine, smectitic, thermic Udertic Paleustalfs
Zack-----	Fine, smectitic, thermic Udertic Paleustalfs
Zilaboy-----	Fine, smectitic, thermic Oxyaquic Hapluderts
Zulch-----	Fine, smectitic, thermic Udertic Paleustalfs