All MAP UNITS APPENDED PRE 1990 SOIL LIST FOR ZONE 1 3/1/03

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
ARMSTRONG	1	AbA	Abilene clay loam, 0 to 1 percent slopes	Abilene				5	0.37	6	2C	48	1.5	6.7	NO
ARMSTRONG	2	AbB	Abilene clay loam, 1 to 3 percent slopes	Abilene				5	0.37	6	2E	48	2.5	6.7	NO
ARMSTRONG	3	BfD	Berthoud-Mansker fine sandy loam, 3 to 8 percent slopes	Berthoud (Mobeetie)				3	0.24	3	6E	86	7.2	20.1	YES
ARMSTRONG	4	BfD	Berthoud-Mansker fine sandy loam, 3 to 8 percent slopes	Mansker (Veal)				4	0.24	3	4E	86	5.4	15.1	YES
ARMSTRONG	5	BmD	Berthoud-Mansker loam, 3 to 8 percent slopes	Berthoud (Berda)				5	0.28	4	4E	86	5.0	12.0	YES
ARMSTRONG	6	BmD	Berthoud-Mansker loam, 3 to 8 percent slopes	Mansker (Veal)				4	0.28	4	4E	86	6.3	15.1	YES
ARMSTRONG	7	Bo	Berthoud-Potter sandy loam	Berthoud (Mobeetie)				3	0.24	3	6E	86	7.2	20.1	YES
ARMSTRONG	8	Bo	Berthoud-Potter sandy loam	Potter				1	0.24	3	7S	86	21.6	60.2	YES
ARMSTRONG	9	BpB	Bippus fine sandy loam, 1 to 3 percent slopes	Bippus				5	0.24	3	3E	86	1.6	12.0	YES
ARMSTRONG	10	BrA	Bippus clay loam, 0 to 1 percent slopes	Bippus				5	0.28	6	2W	48	1.1	6.7	NO
ARMSTRONG	11	BrB	Bippus clay loam, 1 to 3 percent slopes	Bippus				5	0.28	6	2E	48	1.9	6.7	NO
ARMSTRONG	12	BrC	Bippus clay loam, 3 to 5 percent slopes	Bippus				5	0.28	6	3E	48	4.1	6.7	NO
ARMSTRONG	13	Gr	Gravelly Broken Land	Gravelly Broken Land (Tascosa)				4	0.15	8	6S	1	5.3	0.2	NO
ARMSTRONG	14	Lk	Likes loamy fine sand	Likes				5	0.15	2	6E	134	0.9	18.8	YES
ARMSTRONG	15	Lm	Loamy Alluvial Land	Loamy Alluvial Land (Guadalupe)				4	0.28	3	5W	86	1.4	15.1	YES
ARMSTRONG	16	Lo	Lofton silty clay loam	Lofton				5	0.37	7	3E	38	1.5	5.3	NO
ARMSTRONG	17	MaB	Mansker fine sandy loam, 1 to 3 percent slopes	Mansker (Veal)				4	0.24	3	4E	86	2.1	15.1	YES
ARMSTRONG	18	MkB	Mansker loam, 1 to 3 percent slopeslopes	Mansker				3	0.28	4	4E	86	3.2	20.1	YES
ARMSTRONG	19	MkC	Mansker loam, 3 to 5 percent slopes	Mansker				3	0.28	4	4E	86	6.8	20.1	YES
ARMSTRONG	20	MkC2	Mansker loam, 3 to 5 percent slopes, eroded	Mansker				3	0.28	4	6E	86	8.2	20.1	YES
ARMSTRONG	21	MsA	Miles fine sandy loam, 0 to 1 percent slopes	Miles				5	0.24	3	2E	86	1.0	12.0	YES
ARMSTRONG	22	MsB	Miles fine sandy loam, 1 to 3 percent slopes	Miles				5	0.24	3	3E	86	1.6	12.0	YES
ARMSTRONG	23	MsC	Miles fine sandy loam, 3 to 5 percent slopes	Miles				5	0.24	3	3E	86	3.5	12.0	YES
ARMSTRONG	24	OcA	Olton clay loam, 0 to 1 percent slopes	Olton				5	0.32	6	3E	48	1.3	6.7	NO
ARMSTRONG	25	OcB	Olton clay loam, 1 to 3 percent slopes	Olton				5	0.32	6	3E	48	2.2	6.7	NO
ARMSTRONG	26	OcC	Olton clay loam, 3 to 5 percent slopes	Olton				5	0.32	6	4E	48	4.7	6.7	NO
ARMSTRONG	27	Ps	Potter soils	Potter				1	0.15	8	7S	1	13.5	0.7	YES
ARMSTRONG	28	PuA	Pullman silty clay loam, 0 to 1 percent slopes	Pullman				5	0.37	7	3E	38	1.5	5.3	NO
ARMSTRONG	29	PuB	Pullman silty clay loam, 1 to 3 percent slopes	Pullman				5	0.37	7	3E	38	2.5	5.3	NO
ARMSTRONG	30	PuB2	Pullman silty clay loam, 1 to 3 percent slopes, eroded	Pullman				5	0.37	7	3E	38	2.5	5.3	NO
ARMSTRONG	31	Qc	Quinlan complex	Quinlan				2	0.37	4	6E	86	19.4	30.1	YES
ARMSTRONG	32	Qc	Quinlan complex	Vernon				3	0.32	4	6E	86	12.4	20.1	YES
ARMSTRONG	33	Qc	Quinlan complex	Woodward				3	0.37	4	4E	86	9.9	20.1	YES
ARMSTRONG	34	Qc	Quinlan complex	Rough Broken Land				1	0.24	3	7E	86	62.9	60.2	YES
ARMSTRONG	35	Ra	Randall clay	Randall				5	0.32	4	6W	86	1.3	12.0	YES
ARMSTRONG	36	Rb	Roscoe clay	Roscoe				5	0.32	4	3W	86	1.3	12.0	YES
ARMSTRONG	37	Ro	Rough Broken Land	Rough Broken Land				1	0.24	3	7E	1	62.9	0.7	YES
ARMSTRONG	38	Ro	Rough Broken Land	Berthoud				5	0.28	4	7E	86	17.0	12.0	YES
ARMSTRONG	39	Rs	Rough Broken Land, Gypsiferous	Rough Broken Land				1	0.32	4	7S	86	97.3	60.2	YES
ARMSTRONG	40	Sa	Sandy Alluvial Land	Sandy Alluvial Land (Lincoln)				5	0.17	2	5W	134	0.7	18.8	YES
ARMSTRONG	41	UcA	Ulysses clay loam, 0 to 1 percent slopes	Ulysses (Estacado)				5	0.32	4	3E	86	1.3	12.0	YES
ARMSTRONG	42	UcB	Ulysses clay loam, 1 to 3 percent slopes	Ulysses (Estacado)				5	0.32	4	3E	86	2.2	12.0	YES
ARMSTRONG	43	VoC	Vona fine sandy loam, 3 to 5 percent slopes	Vona (Springer)				5	0.20	3	3E	86	2.9	12.0	YES
ARMSTRONG	44	WcB	Weymouth clay loam, 1 to 3 percent slopes	Weymouth				3	0.32	4	3E	86	3.6	20.1	YES
ARMSTRONG	45	WcC	Weymouth clay loam, 3 to 5 percent slopes	Weymouth				3	0.32	4	4E	86	7.8	20.1	YES
ARMSTRONG	46	Wf	Weymouth-Vernon complex	Weymouth				3	0.32	4	4E	86	11.2	20.1	YES
ARMSTRONG	47	Wf	Weymouth-Vernon complex	Vernon (Knoco)				3	0.32	4	4E	86	11.2	20.1	YES
ARMSTRONG	48	WhA	Wichita loam, 0 to 1 percent slopes	Wichita				5	0.32	6	2C	48	1.3	6.7	NO
ARMSTRONG	49	WhB	Wichita loam, 1 to 3 percent slopes	Wichita				5	0.32	6	2E	48	2.2	6.7	NO
ARMSTRONG	50	WhC	Wichita loam, 3 to 5 percent slopes	Wichita				5	0.32	6	3E	48	4.7	6.7	NO
ARMSTRONG	51	WoB	Woodward loam, 1 to 3 percent slopes	Woodward				3	0.37	4	2E	86	4.2	20.1	YES
ARMSTRONG	52	WoC	Woodward loam, 3 to 5 percent slopes	Woodward				3	0.37	4	3E	86	9.0	20.1	YES
ARMSTRONG	53	WoD	Woodward loam, 5 to 8 percent slopes	Woodward				3	0.37	4	4E	86	13.0	20.1	YES
ARMSTRONG	54	ZcA	Zita clay loam, 0 to 1 percent slopes	Zita				4	0.28	5	3E	56	1.4	9.8	YES
ARMSTRONG	55	ZcB	Zita clay loam, 1 to 3 percent slopes	Zita				4	0.28	5	3E	56	2.4	9.8	YES

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
BAILEY	1	Ad	Active Dunes	Active Dunes				5	0.15	1	8S	310	1.9	49.6	YES
BAILEY	2	AfA	Amarillo fine sandy loam, 0 to 1 percent slopes	Amarillo				5	0.24	3	3E	86	0.8	13.8	YES
BAILEY	3	AfB	Amarillo fine sandy loam, 1 to 3 percent slopes	Amarillo				5	0.24	3	3E	86	1.4	13.8	YES
BAILEY	4	AfC	Amarillo fine sandy loam, 3 to 5 percent slopes	Amarillo				5	0.24	3	4E	86	2.9	13.8	YES
BAILEY	5	AlA	Amarillo loam, 0 to 1 percent slopes	Amarillo (Acuff)				5	0.28	6	3E	56	1.0	9.0	YES
BAILEY	6	AlB	Amarillo loam, 1 to 2 percent slopes	Amarillo (Acuff)				5	0.28	6	3E	56	1.5	9.0	YES
BAILEY	7	AmB	Amarillo loamy fine sand, 0 to 3 percent slopes	Amarillo				5	0.15	2	4E	134	0.9	21.4	YES
BAILEY	8	An	Arch fine sandy loam	Arch				5	0.24	3	4E	86	0.8	13.8	YES
BAILEY	9	Ao	Arch loam	Arch				5	0.28	4	4E	86	1.0	13.8	YES
BAILEY	10	AvA	Arvana fine sandy loam, 0 to 1 percent slopes	Arvana				2	0.24	3	3E	86	2.0	34.4	YES
BAILEY	11	AvB	Arvana fine sandy loam, 1 to 3 percent slopes	Arvana				2	0.24	3	3E	86	3.4	34.4	YES
BAILEY	12	AxA	Arvana fine sandy loam, (shallow) 0 to 1 percent slopes	Arvana (Sharvana)				1	0.24	3	6S	86	4.1	68.8	YES
BAILEY	13	AxB	Arvana fine sandy loam, (shallow) 1 to 3 percent slopes	Arvana (Sharvana)				1	0.24	3	6S	86	6.8	68.8	YES
BAILEY	14	AyA	Arvana-Amarillo, loam, 0 to 1 percent slopes	Arvana				2	0.24	5	3E	56	2.0	22.4	YES
BAILEY	15	AyA	Arvana-Amarillo, loam, 0 to 1 percent slopes	Amarillo (Acuff)				5	0.28	5	3E	56	1.0	9.0	YES
BAILEY	16	AyB	Arvana-Amarillo, loam, 0 to 2 percent slopes	Arvana (Friona)				2	0.24	5	3E	56	3.4	22.4	YES
BAILEY	17	AyB	Arvana-Amarillo, loam, 0 to 2 percent slopes	Amarillo (Acuff)				5	0.28	5	3E	56	1.6	9.0	YES
BAILEY	18	BeC	Berthoud fine sandy loam, 3 to 5 percent slopes	Berthoud (Breda)				5	0.24	5	4E	86	2.9	13.8	YES
BAILEY	19	BhB	Berthoud loam, 1 to 3 percent slopes	Berthoud (Breda)				5	0.28	4	3E	86	1.6	13.8	YES
BAILEY	20	BhD	Berthoud loam, 3 to 8 percent slopes	Berthoud (Breda)				5	0.28	4	4E	86	4.9	13.8	YES
BAILEY	21	BmD	Berthoud-Mansker, fine sandy loam, 5 to 8 percent slopes	Berthoud (Breda)				5	0.24	3	6E	86	4.2	13.8	YES
BAILEY	22	BmD	Berthoud-Mansker, fine sandy loam, 5 to 8 percent slopes	Mansker				5	0.24	3	6E	86	4.2	13.8	YES
BAILEY	23	Br	Brownfield fine sand, thick surface	Brownfield				5	0.15	1	6E	310	0.8	49.6	YES
BAILEY	24	Bs3	Brownfield soil serverly eroded	Brownfield (Patricia)				5	0.15	2	6E	134	0.8	21.4	YES
BAILEY	25	Ch	Church clay loam	Church (Lazbuddie)				5	0.32	4	4W	36	1.1	5.8	NO
BAILEY	26	DrB	Drake soils, 1 to 3 percent slopes	Drake				5	0.28	4	4E	86	1.6	13.8	YES
BAILEY	27	DrC	Drake soils, 3 to 5 percent slopes	Drake				5	0.28	4	6E	86	3.4	13.8	YES
BAILEY	28	DrE	Drake soils, 5 to 20 percent slopes	Drake				5	0.28	4	6E	86	7.8	13.8	YES
BAILEY	29	Ga	Gomez-Arch complex	Gomez				5	0.17	2	6E	134	0.6	21.4	YES
BAILEY	30	Ga	Gomez-Arch complex	Arch				5	0.24	3	4E	86	0.8	13.8	YES
BAILEY	31	Ga3	Gomez-Arch complex severly eroded	Gomez				5	0.17	2	6E	134	0.6	21.4	YES
BAILEY	32	Ga3	Gomez-Arch complex severly eroded	Arch				5	0.24	3	4E	86	0.8	13.8	YES
BAILEY	33	Km	Kimbrough soils	Kimbrough				1	0.37	4	6S	86	18.7	68.8	YES
BAILEY	34	La	Likes-Arch complex	Likes				5	0.15	2	6E	134	0.5	21.4	YES
BAILEY	35	La	Likes-Arch complex	Arch				5	0.24	3	4E	86	0.8	13.8	YES
BAILEY	36	Ld	Loamy Alluvial Land	Loamy Alluvial Land (Bippus)				5	0.28	6	5W	48	1.0	7.7	NO
BAILEY	37	Lk	Lubbock loamy fine sand	Lubbock (Zita)				5	0.17	2	4W	134	0.6	21.4	YES
BAILEY	38	Lu	Lubbock fine sandy loam	Lubbock (Zita)				5	0.24	3	4W	86	0.8	13.8	YES
BAILEY	39	MfA	Mansker fine sandy loam, 0 to 1 percent slopes	Mansker				4	0.24	3	4E	86	1.0	17.2	YES
BAILEY	40	MfB	Mansker fine sandy loam, 1 to 3 percent slopes	Mansker				4	0.24	3	4E	86	1.7	17.2	YES
BAILEY	41	MfC	Mansker fine sandy loam, 3 to 5 percent slopes	Mansker				4	0.24	3	4E	86	3.7	17.2	YES
BAILEY	42	MkA	Mansker loam, 0 to 1 percent slopes	Mansker				3	0.28	4	4E	86	1.6	22.9	YES
BAILEY	43	MkB	Mansker loam, 1 to 3 percent slopes	Mansker				3	0.28	4	4E	86	2.7	22.9	YES
BAILEY	44	OtA	Olton loam, 0 to 1 percent slopes	Olton				5	0.32	6	3E	48	1.1	7.7	NO
BAILEY	45	PfA	Portales fine sandy loam, 0 to 1 percent slopes	Portales (Midessa)				3	0.24	3	3E	86	1.4	22.9	YES
BAILEY	46	PfB	Portales fine sandy loam, 1 to 3 percent slopes	Portales (Midessa)				3	0.24	3	3E	86	2.3	22.9	YES
BAILEY	47	PmA	Portales loam, 0 to 1 percent slopes	Portales				5	0.37	4	3E	86	1.3	13.8	YES
BAILEY	48	PmB	Portales loam, 1 to 3 percent slopes	Portales				5	0.37	4	4E	86	2.1	13.8	YES
BAILEY	49	Ps	Potter soils	Potter				1	0.28	8	7S	1	18.8	0.8	YES
BAILEY	50	Ra	Randall clay	Randall				5	0.32	4	6W	86	1.1	13.8	YES
BAILEY	51	Rf	Randall fine sandy loam	Randall				5	0.24	3	4W	86	0.8	13.8	YES
BAILEY	52	Sf	Springer loamy fine sand, undulating	Springer				5	0.17	2	4E	134	0.6	21.4	YES
BAILEY	53	Sh	Springer loamy fine sand, hummocky	Springer				5	0.17	2	6E	134	0.9	21.4	YES
BAILEY	54	SS	Water	Water				5	0.00	0	0	0	0.0	0.0	NO
BAILEY	55	StA	Stegall loam, 0 to 1 percent slopes	Stegall				2	0.32	6	3E	48	2.7	19.2	YES
BAILEY	56	StB	Stegall loam, 1 to 2 percent slopes	Stegall				2	0.32	6	3E	48	4.6	19.2	YES
BAILEY	57	SwA	Stegall loam, shallow, 0 to 1 percent slopes	Stegall (Slaughter)				1	0.37	6	4S	48	6.3	38.4	YES

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
BAILEY	58	Tv	Tivoli fine sand	Tivoli (Circleback)				5	0.17	1	7E	310	2.2	49.6	YES
BAILEY	59	ZfA	Zita fine sandy loam, 0 to 1 percent slopes	Zita				5	0.24	3	3E	56	0.8	9.0	YES
BAILEY	60	ZfB	Zita fine sandy loam, 1 to 3 percent slopes	Zita				5	0.24	3	3E	56	1.4	9.0	YES
BAILEY	61	ZmA	Zita loam, 0 to 1 percent slopes	Zita				5	0.28	5	3E	56	1.0	9.0	YES
BAILEY	62	ZnB	Zita loamy fine sand, 0 to 3 percent slopes	Zita				4	0.24	3	3E	56	1.7	11.2	YES

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
BORDEN	1	AcA	Acuff loam, 0 to 1 percent slopes	Acuff				5	0.28	5	3E	56	1.1	7.3	NO
BORDEN	2	AcB	Acuff loam, 1 to 3 percent slopes	Acuff				5	0.28	5	3E	56	1.9	7.3	NO
BORDEN	3	AmA	Amarillo fine sandy loam, 0 to 1 percent slopes	Amarillo				5	0.24	3	3E	86	1.0	11.2	YES
BORDEN	4	AmB	Amarillo fine sandy loam, 1 to 3 percent slopes	Amarillo				5	0.24	3	3E	86	1.1	11.2	YES
BORDEN	5	AmC	Amarillo fine sandy loam, 3 to 5 percent slopes	Amarillo				5	0.24	3	4E	86	3.5	11.2	YES
BORDEN	6	ArB	Arch loam, 0 to 3 percent slopes	Arch (Veal)				5	0.28	4	4E	86	1.9	11.2	YES
BORDEN	7	Ba	Badland	Badland (Knoco)				2	0.43	4	8E	86	59.6	28.0	YES
BORDEN	8	BeB	Berda loam, 1 to 3 percent slopes	Berda				5	0.28	4	3E	86	1.9	11.2	YES
BORDEN	9	BeC	Berda loam, 3 to 5 percent slopes	Berda				5	0.28	4	4E	86	3.6	11.2	YES
BORDEN	10	BpA	Bippus clay loam, 0 to 1 percent slopes	Bippus				5	0.28	6	2C	48	1.1	6.2	NO
BORDEN	11	BpB	Bippus clay loam, 1 to 3 percent slopes	Bippus				5	0.28	6	2E	48	1.9	6.2	NO
BORDEN	12	Br	Brownfield fine sand, 0 to 8 percent slopes?	Brownfield (Heatly)				5	0.17	1	4E	310	1.2	40.3	YES
BORDEN	13	Co	Colorado-Spur soils	Colorado				5	0.32	6	5W	48	2.0	6.2	NO
BORDEN	14	Co	Colorado-Spur soils	Spur				5	0.28	6	5W	48	1.1	6.2	NO
BORDEN	15	EsA	Estacado clay loam, 0 to 1 percent slopes	Estacado				5	0.32	5	3E	56	1.3	7.3	NO
BORDEN	16	EsB	Estacado clay loam, 1 to 3 percent slopes	Estacado				5	0.32	5	3E	56	2.2	7.3	NO
BORDEN	17	Km	Kimbrough soils	Kimbrough				1	0.20	5	7S	86	12.7	55.9	YES
BORDEN	18	La	Latom soils	Latom				1	0.20	3	7S	86	12.7	55.9	YES
BORDEN	19	Ln	Lipan clay	Lipan				5	0.32	4	6W	86	1.3	11.2	YES
BORDEN	20	Lo	Lofton clay loam	Lofton				5	0.32	6	3E	48	1.3	6.2	NO
BORDEN	21	Ma	Mangum clay	Mangum				5	0.32	4	3W	86	1.3	11.2	YES
BORDEN	22	Mc	Mangum clay channeled	Mangum				5	0.32	4	5W	86	1.3	11.2	YES
BORDEN	23	MoB	Mobeetie fine sandy loam, 1 to 3 percent slopes	Mobeetie				5	0.24	3	3E	86	1.6	11.2	YES
BORDEN	24	OcA	Olton clay loam, 0 to 1 percent slopes	Olton				5	0.32	6	3E	48	1.3	6.2	NO
BORDEN	25	OcB	Olton clay loam, 1 to 3 percent slopes	Olton				5	0.32	6	3E	48	2.2	6.2	NO
BORDEN	26	PaB	Patricia loamy fine sand, 0 to 3 percent slopes	Patricia (Miles)				5	0.24	2	3E	86	1.6	11.2	YES
BORDEN	27	PfB	Patricia fine sandy loam, 1 to 3 percent slopes	Patricia (Miles)				5	0.20	3	3E	134	1.4	17.4	YES
BORDEN	28	Po	Polar soils	Polar				2	0.10	8	6S	1	3.2	0.3	NO
BORDEN	29	PsB	Posey loam, 1 to 3 percent slopes	Posey				5	0.28	4	3E	86	1.9	11.2	YES
BORDEN	30	PsC	Posey loam, 3 to 5 percent slopes	Posey				5	0.28	4	4E	86	4.1	11.2	YES
BORDEN	31	Pt	Potter soils	Potter				1	0.28	8	7S	1	17.8	0.7	YES
BORDEN	32	Ro	Rough broken land	Rough broken land				5	0.28	4	7E	1	17.0	0.1	YES
BORDEN	33	RrA	Rowena-Rotan-complex, 0 to 1 percent slopes	Rowena				5	0.32	6	2E	48	2.2	6.2	NO
BORDEN	34	RrA	Rowena-Rotan-complex, 0 to 1 percent slopes	Roton				5	0.32	6	2E	48	1.3	6.2	NO
BORDEN	35	RrB	Rowena-Rotan-complex, 1 to 3 percent slopes	Rowena				5	0.32	6	2E	48	2.2	6.2	NO
BORDEN	36	RrB	Rowena-Rotan-complex, 1 to 3 percent slopes	Roton				5	0.32	6	2E	48	1.3	6.2	NO
BORDEN	37	ShB	Sharvana fine sandy loam, 0 to 3 percent slopes	Sharvana				1	0.24	3	6S	86	8.2	55.9	YES
BORDEN	38	SlC	Spade-Latom complex, 2 to 5 percent slopes	Spade				2	0.24	3	4E	86	8.8	28.0	YES
BORDEN	39	SlC	Spade-Latom complex, 2 to 5 percent slopes	Latom				1	0.20	3	7S	86	14.6	55.9	YES
BORDEN	40	Sp	Spur clay loam	Spur				5	0.28	6	2W	48	1.1	6.2	NO
BORDEN	41	StA	Stamford clay, 0 to 1 percent slopes	Stamford				4	0.32	4	3S	86	1.6	14.0	YES
BORDEN	42	StB	Stamford clay, 1 to 3 percent slopes	Stamford				4	0.32	4	3E	86	2.7	14.0	YES
BORDEN	43	SuA	Stegall-Slaughter complex, 0 to 1 percent slopes	Stegall				2	0.32	6	3E	48	3.3	15.6	YES
BORDEN	44	SuA	Stegall-Slaughter complex, 0 to 1 percent slopes	Slaughter				1	0.32	6	4S	48	6.5	31.2	YES
BORDEN	45	VaB	Veal fine sandy loam, 1 to 3 percent slopes	Veal				5	0.24	3	3E	86	1.6	11.2	YES
BORDEN	46	VaC	Veal fine sandy loam, 3 to 5 percent slopes	Veal				5	0.24	3	4E	86	3.5	11.2	YES
BORDEN	47	VbD	Veal-Potter complex, 1 to 8 percent slopes	Veal				5	0.24	3	4E	86	5.0	11.2	YES
BORDEN	48	VbD	Veal-Potter complex, 1 to 8 percent slopes	Potter				1	0.28	8	7S	1	22.5	0.7	YES
BORDEN	49	VcB	Vernon clay, 1 to 3 percent slopes	Vernon				3	0.32	4	4E	86	3.6	18.6	YES
BORDEN	50	VcE	Vernon clay, 3 to 12 percent slopes	Vernon				3	0.32	4	6E	86	15.0	18.6	YES
BORDEN	51	Ve	Vernon-Badland complex	Vernon				3	0.32	4	4E	86	3.6	18.6	YES
BORDEN	52	Ve	Vernon-Badland complex	Badland (Knoco)				2	0.43	4	8E	86	59.6	28.0	YES
BORDEN	53	VpF	Vernon-Potter complex, 2 to 30 percent slopes	Vernon				3	0.32	4	6E	86	11.2	18.6	YES
BORDEN	54	VpF	Vernon-Potter complex, 2 to 30 percent slopes	Potter				1	0.28	8	7S	1	17.8	0.7	YES
BORDEN	55	WvB	Weymouth-Vernon complex, 1 to 3 percent slopes	Weymouth				3	0.32	4	3E	86	3.6	18.6	YES
BORDEN	56	WvB	Weymouth-Vernon complex, 1 to 3 percent slopes	Vernon				3	0.37	4	4E	86	4.2	18.6	YES
BORDEN	57	WZ	Water	Water				0	0.00	0	0	0	0.0	0.0	NO

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
BRISCOE	1	AcA	Acuff loam, 0 to 1 percent slopes	Acuff				5	0.28	5	3E	56	1.2	7.8	NO
BRISCOE	2	AcB	Acuff loam, 1 to 3 percent slopes	Acuff				5	0.28	5	3E	56	2.1	7.8	NO
BRISCOE	3	AmA	Amarillo fine sandy loam, 0 to 1 percent slopes	Amarillo				5	0.24	3	3E	86	1.1	12.0	YES
BRISCOE	4	AmB	Amarillo fine sandy loam, 1 to 3 percent slopes	Amarillo				5	0.24	3	3E	86	3.8	12.0	YES
BRISCOE	5	AmC	Amarillo fine sandy loam, 3 to 5 percent slopes	Amarillo				5	0.24	3	4E	86	3.8	12.0	YES
BRISCOE	6	BeA	Berda loam, 0 to 1 percent slopes	Berda				5	0.28	4	3E	86	1.2	12.0	YES
BRISCOE	7	BeB	Berda loam, 1 to 3 percent slopes	Berda				5	0.28	4	3E	86	2.1	12.0	YES
BRISCOE	8	BeC	Berda loam, 3 to 5 percent slopes	Berda				5	0.28	4	4E	86	4.4	12.0	YES
BRISCOE	9	BeD	Berda loam, 5 to 8 percent slopes	Berda				5	0.28	4	6E	86	6.4	12.0	YES
BRISCOE	10	BpE	Berda-Polar complex, 3 to 12 percent slopes	Berda				5	0.28	4	7E	86	6.4	12.0	YES
BRISCOE	11	BpE	Berda-Polar complex, 3 to 12 percent slopes	Polar				1	0.10	8	6S	1	34.8	0.7	YES
BRISCOE	12	BQG	Burson and Quinlan soils, steep	Burson				1	0.37	5	7S	56	374.7	39.2	YES
BRISCOE	13	BQG	Burson and Quinlan soils, steep	Quinlan				2	0.37	4	7S	86	187.3	30.1	YES
BRISCOE	14	Cm	Clairemont silty clay loam,	Clairemont				5	0.37	5	2W	86	1.6	12.0	YES
BRISCOE	15	DrB	Drake loam, 1 to 3 percent slopes	Drake				5	0.28	4	4E	86	2.1	12.0	YES
BRISCOE	16	DrC	Drake loam, 3 to 5 percent slopes	Drake				5	0.28	4	6E	86	4.4	12.0	YES
BRISCOE	17	EnD	Enterprise loam, 3 to 8 percent slopes	Enterprise				5	0.43	3	4E	86	9.8	12.0	YES
BRISCOE	18	EsA	Estacado clay loam, 0 to 1 percent slopes	Estacado				5	0.32	4	3E	86	1.4	12.0	YES
BRISCOE	19	EsB	Estacado clay loam, 1 to 3 percent slopes	Estacado				5	0.32	4	3E	86	2.4	12.0	YES
BRISCOE	20	EsC	Estacado clay loam, 3 to 5 percent slopes	Estacado				5	0.32	4	3E	86	5.1	12.0	YES
BRISCOE	21	Lf	Lincoln soils, frequently flooded	Lincoln				5	0.17	2	5W	134	0.8	18.8	YES
BRISCOE	22	Ln	Lipan clay	Lipan				5	0.32	4	4S	86	1.4	12.0	YES
BRISCOE	23	Lo	Lofton clay loam,	Lofton				5	0.32	5	3E	48	1.4	6.7	NO
BRISCOE	24	MeB	Miles loamy fine sand, 0 to 3 percent slopes	Miles				5	0.20	2	4E	134	3.2	18.8	YES
BRISCOE	25	MoB	Mobeetie fine sandy loam, 0 to 3 percent slopes	Mobeetie				5	0.24	3	3E	86	4.7	12.0	YES
BRISCOE	26	ObB	Obaro loam, 1 to 3 percent slopes	Obaro				3	0.43	4	3E	86	5.3	20.1	YES
BRISCOE	27	ObC	Obaro loam, 3 to 5 percent slopes	Obaro				3	0.43	4	4E	86	11.4	20.1	YES
BRISCOE	28	OQE	Obaro and Quinlan soils, rolling	Obaro				3	0.43	4	6E	86	31.5	20.1	YES
BRISCOE	29	OQE	Obaro and Quinlan soils, rolling	Quinlan				2	0.37	4	6E	86	40.6	30.1	YES
BRISCOE	30	OtA	Olton clay loam, 0 to 1 percent slopes	Olton				5	0.32	6	3E	48	1.4	6.7	NO
BRISCOE	31	OtB	Olton clay loam, 1 to 3 percent slopes	Olton				5	0.32	6	3E	48	2.4	6.7	NO
BRISCOE	32	PaA	Paloduro loam, 0 to 1 percent slopes	Paloduro				5	0.28	4	3E	86	1.2	12.0	YES
BRISCOE	33	PaB	Paloduro loam, 1 to 3 percent slopes	Paloduro				5	0.28	4	3E	86	2.1	12.0	YES
BRISCOE	34	PuA	Pullman clay loam, 0 to 1 percent slopes	Pullman				5	0.32	6	3E	48	1.4	6.7	NO
BRISCOE	35	PuB	Pullman clay loam, 1 to 3 percent slopes	Pullman				5	0.32	6	3E	48	2.4	6.7	NO
BRISCOE	36	QBG	Quinlan and Burson soils, hilly	Quinlan				2	0.43	4	7S	86	47.2	30.1	YES
BRISCOE	37	QBG	Quinlan and Burson soils, hilly	Burson				1	0.37	5	7S	56	374.7	39.2	YES
BRISCOE	38	Ra	Randall clay	Randall				5	0.32	4	6W	86	1.4	12.0	YES
BRISCOE	39	Ro	Roscoe clay	Roscoe				5	0.32	4	4S	86	1.4	12.0	YES
BRISCOE	40	SfD	Springer loamy fine sand, 3 to 8 percent slopes	Springer				5	0.17	2	4E	134	2.7	18.8	YES
BRISCOE	41	Sp	Spur loam,	Spur				5	0.28	6	2W	48	1.2	6.7	NO
BRISCOE	42	StA	Stamford clay 0 to 1 percent slopes	Stamford				5	0.32	4	3S	86	1.4	12.0	YES
BRISCOE	43	TfF	Tivoli fine sand	Tivoli				5	0.15	1	7E	310	2.6	43.4	YES
BRISCOE	44	TuB	Tulia loam, 1 to 3 percent slopes	Tulia				3	0.28	4	4E	86	2.1	20.1	YES
BRISCOE	45	TuC	Tulia loam, 3 to 5 percent slopes	Tulia				3	0.28	4	4E	86	3.5	20.1	YES
BRISCOE	46	TxD	Tulia and Estacado soils, 5 to 8 percent slopes	Tulia				3	0.28	4	6E	86	10.6	20.1	YES
BRISCOE	47	TxD	Tulia and Estacado soils, 5 to 8 percent slopes	Estacado				5	0.32	4	3E	86	5.1	12.0	YES
BRISCOE	48	Ya	Yahola fine sandy loam,	Yahola				5	0.20	3	2W	86	0.9	12.0	YES
BRISCOE	49	Yf	Yahola fine sandy loam, frequently flooded	Yahola				5	0.20	3	5W	86	0.9	12.0	YES

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
CARSON	1	Au	Alluvial Land	Alluvial Land (Yomont)				5	0.49	3	5W	86	2.0	13.8	YES
CARSON	2	BeC	Berthoud fine sandy loam, 3 to 5 percent slopes	Berthoud (Mobeetie)				3	0.24	3	4E	86	5.9	22.9	YES
CARSON	3	BfD	Berthoud and Mansker fine sandy loam, 3 to 8 percent slopes	Berthoud (Mobeetie)				3	0.24	3	6E	86	7.2	22.9	YES
CARSON	4	BfD	Berthoud and Mansker fine sandy loam, 3 to 8 percent slopes	Mansker (Veal)				4	0.24	3	4E	86	6.3	17.2	YES
CARSON	5	BmD	Berthoud and Mansker loam, 3 to 8 percent slopes	Berthoud (Berda)				5	0.28	4	4E	86	5.0	13.8	YES
CARSON	6	BmD	Berthoud and Mansker loam, 3 to 8 percent slopes	Mansker				3	0.28	4	6E	86	8.4	22.9	YES
CARSON	7	BrB	Bippus clay loam, 1 to 3 percent slopes	Bippus				5	0.28	6	2E	48	1.9	7.7	NO
CARSON	8	DaB	Dalhart fine sand loam, 1 to 3 percent slopes	Dalhart (Amarillo)				5	0.24	3	3E	86	1.6	13.8	YES
CARSON	9	DaC	Dalhart fine sandy loam, 3 to 5 percent slopes	Dalhart (Amarillo)				5	0.24	3	4E	86	3.5	13.8	YES
CARSON	10	DmC	Dalhart-Mansker loam, soils, 3 to 5 percent slopes	Dalhart (Acuff)				5	0.28	5	4E	56	4.1	9.0	YES
CARSON	11	DmC	Dalhart-Mansker loam, soils, 3 to 5 percent slopes	Mansker				3	0.28	4	4E	86	6.8	22.9	YES
CARSON	12	Gr	Gravelly Rough Land	Gravelly Rough Land (Tascosa)				4	0.15	8	6S	1	11.4	0.2	YES
CARSON	13	Lk	Likes loamy fine sand, Hummocky	Likes				5	0.15	2	6E	134	2.4	21.4	YES
CARSON	14	Lo	Lofton silty clay loam	Lofton				5	0.37	7	3E	38	1.5	6.1	NO
CARSON	15	Ls	Lofton and Church soils	Lofton				5	0.37	7	3E	38	1.5	6.1	NO
CARSON	16	Ls	Lofton and Church soils	Church (Lipan)				5	0.32	4	4W	86	1.3	13.8	YES
CARSON	17	MkB	Mansker loam, 1 to 3 percent slopes	Mansker				3	0.28	4	4E	86	3.2	22.9	YES
CARSON	18	MkC	Mansker loam, 3 to 5 percent slopes	Mansker				3	0.28	4	4E	86	6.8	22.9	YES
CARSON	19	MkC2	Mansker loam, 3 to 5 percent slopes, eroded	Mansker				3	0.28	4	6E	86	6.8	22.9	YES
CARSON	20	MX	Mansker-Potter-Berthoud sandy loam,	Mansker (Veal)				4	0.24	3	6E	86	6.3	17.2	YES
CARSON	21	MX	Mansker-Potter-Berthoud sandy loam,	Potter				1	0.15	8	7S	1	15.8	0.8	YES
CARSON	22	MX	Mansker-Potter-Berthoud sandy loam,	Berthoud (Mobeetie)				3	0.24	3	6E	86	8.4	22.9	YES
CARSON	23	OcB	Olton clay loam, 1 to 3 percent slopes	Olton				5	0.32	6	3E	48	2.2	7.7	NO
CARSON	24	OcC	Olton clay loam, 3 to 5 percent slopes	Olton				5	0.32	6	4E	48	4.7	7.7	NO
CARSON	25	Ps	Potter soils	Potter				1	0.15	8	7S	1	12.1	0.8	YES
CARSON	26	PuA	Pullman silty clay loam, 0 to 1 percent slopes	Pullman				5	0.37	7	3E	38	1.5	6.1	NO
CARSON	27	PuB	Pullman silty clay loam, 1 to 3 percent slopes	Pullman				5	0.37	7	3E	38	2.5	6.1	NO
CARSON	28	PuB2	Pullman silty clay loam, 1 to 3 percent slopes, eroded	Pullman				5	0.37	7	3E	38	1.5	6.1	NO
CARSON	29	Ra	Randall clay	Randall				5	0.32	4	6W	86	1.3	13.8	YES
CARSON	30	RcB	Richfield clay loam, 1 to 3 percent slopes	Richfield				5	0.37	6	2E	48	2.5	7.7	NO
CARSON	31	Ro	Rough Broken Land	Rough Broken Land				1	0.15	8	7S	1	45.6	0.8	YES
CARSON	32	Rs	Rough Stony Land	Rough Stony Land (Burson)				1	0.37	5	7S	56	112.6	44.8	YES
CARSON	33	RW	Riverwash	Riverwash (Lincoln)				5	0.17	1	5W	310	0.7	49.6	YES
CARSON	34	Sc	Spur clay loam,	Spur (Bippus)				5	0.28	6	2W	48	1.1	7.7	NO
CARSON	35	Sp	Spur fine sandy loam,	Spur (Bippus)				5	0.24	3	2W	86	1.0	13.8	YES
CARSON	36	Tv	Tivoli fine sand	Tivoli				5	0.17	1	7E	310	2.7	49.6	YES
CARSON	37	UcA	Ulysses clay loam, 0 to 1 percent slopes	Ulysses (Estacado)				5	0.32	4	3E	86	1.3	13.8	YES
CARSON	38	UcB	Ulysses clay loam, 1 to 3 percent slopes	Ulysses (Estacado)				5	0.32	4	3E	86	2.2	13.8	YES
CARSON	39	UcB2	Ulysses clay loam, 1 to 3 percent slopes, eroded	Ulysses				5	0.32	4	4E	86	2.2	13.8	YES
CARSON	40	VoB	Vona fine sandy loam, 1 to 3 percent slopes	Vona (Springer)				5	0.20	3	3E	86	1.4	13.8	YES
CARSON	41	ZcA	Zita clay loam, 0 to 1 percent slopes	Zita				4	0.28	5	3E	56	1.4	11.2	YES
CARSON	42	ZcB	Zita clay loam, 1 to 3 percent slopes	Zita				4	0.28	5	3E	56	2.4	11.2	YES

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
CASTRO	1	AcA	Acuff loam, 0 to 1 percent slopes	Acuff				5	0.28	6	3E	48	1.1	7.2	NO
CASTRO	2	AcB	Acuff loam, 1 to 3 percent slopes	Acuff				5	0.28	6	3E	48	1.8	7.2	NO
CASTRO	3	AcC	Acuff loam, 3 to 5 percent slopes	Acuff				5	0.28	6	4E	48	3.8	7.2	NO
CASTRO	4	BeC	Berda fine sandy loam, 3 to 5 percent slopes	Berda				3	0.24	3	4E	86	5.4	21.5	YES
CASTRO	5	BeD	Berda fine sandy loam, 5 to 8 percent slopes	Berda				3	0.24	3	6E	86	7.7	21.5	YES
CASTRO	6	BpA	Bippus clay loam, 0 to 1 percent slopes	Bippus				5	0.32	5	2W	48	1.2	7.2	NO
CASTRO	7	BpB	Bippus clay loam, 1 to 3 percent slopes	Bippus				5	0.32	5	2E	48	2.0	7.2	NO
CASTRO	8	BS	Bippus and Spur soils, frequently flooded	Bippus				5	0.32	5	5W	48	1.4	7.2	NO
CASTRO	9	BS	Bippus and Spur soils, frequently flooded	Spur				5	0.32	5	5W	48	1.4	7.2	NO
CASTRO	10	DrC	Drake soils, 2 to 5 percent slopes	Drake				5	0.32	4	4E	86	2.0	12.9	YES
CASTRO	11	DrD	Drake soils, 5 to 8 percent slopes	Drake				5	0.32	4	6E	86	6.2	12.9	YES
CASTRO	12	EsA	Estacado clay loam, 0 to 1 percent slopes	Estacado				5	0.32	4	3E	86	1.2	12.9	YES
CASTRO	13	EsB	Estacado clay loam, 1 to 3 percent slopes	Estacado				5	0.32	4	3E	86	2.0	12.9	YES
CASTRO	14	Lc	Lipan clay	Lipan				5	0.32	4	4S	86	1.2	12.9	YES
CASTRO	15	Lo	Lofton clay loam	Lofton				5	0.32	5	3E	48	1.2	7.2	NO
CASTRO	16	MbD	Mansker-Berda loams, 5 to 8 percent slopes	Mansker				3	0.28	4	6E	86	6.3	21.5	YES
CASTRO	17	MbD	Mansker-Berda loams, 5 to 8 percent slopes	Berda				5	0.28	4	6E	86	5.4	12.9	YES
CASTRO	18	MEC	Mansker-Estacado loam, soils	Mansker				3	0.28	4	4E	86	6.3	21.5	YES
CASTRO	19	MEC	Mansker-Estacado loam, soils	Estacado				5	0.28	4	4E	86	3.8	12.9	YES
CASTRO	20	OlA	Olton clay loam, 0 to 1 percent slopes	Olton				5	0.32	6	3E	48	1.2	7.2	NO
CASTRO	21	OlB	Olton clay loam, 1 to 3 percent slopes	Olton				5	0.32	6	3E	48	2.0	7.2	NO
CASTRO	22	OlC	Olton clay loam, 3 to 5 percent slopes	Olton				5	0.32	6	4E	48	5.2	7.2	NO
CASTRO	23	PoA	Posey complex, 0 to 1 percent slopes	Posey				5	0.24	4	3E	86	0.9	12.9	YES
CASTRO	24	PoB	Posey complex, 1 to 3 percent slopes	Posey				5	0.24	4	4E	86	1.0	12.9	YES
CASTRO	25	PT	Potter soils	Potter				1	0.28	8	7S	1	32.2	0.8	YES
CASTRO	26	PuA	Pullman clay loam, 0 to 1 percent slopes	Pullman				5	0.32	6	3E	48	1.2	7.2	NO
CASTRO	27	PuB	Pullman clay loam, 1 to 3 percent slopes	Pullman				5	0.32	6	3E	48	2.0	7.2	NO
CASTRO	28	Ra	Randall clay	Randall				5	0.32	4	6W	86	1.2	12.9	YES
CASTRO	29	Ra	Randall clay, drained	Randall				5	0.32	4	4S	86	1.2	12.9	YES

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
CHILDRESS	1	AbA	Abilene clay loam, 0 to 1 percent slopes	Abilene				5	0.37	6	2C	48	2.0	5.3	NO
CHILDRESS	2	AbB	Abilene clay loam, 1 to 3 percent slopes	Abilene				5	0.37	6	2E	48	3.4	5.3	NO
CHILDRESS	3	AcA	Abilene-Cottonwood complex, 0 to 1 percent slopes	Abilene				5	0.37	6	2C	48	2.0	5.3	NO
CHILDRESS	4	AcA	Abilene-Cottonwood complex, 0 to 1 percent slopes	Cottonwood				1	0.32	4	6S	86	8.7	47.3	YES
CHILDRESS	5	AcA	Acme	Acme				1	0.32	4	2C	86	8.7	47.3	YES
CHILDRESS	6	AcB	Abilene-Cottonwood complex, 1 to 3 percent slopes	Abilene				5	0.37	6	2E	48	3.4	5.3	NO
CHILDRESS	7	AcB	Abilene-Cottonwood complex, 1 to 3 percent slopes	Cottonwood				1	0.32	4	6S	86	14.6	47.3	YES
CHILDRESS	8	AcB	Acme	Acme				1	0.32	4	2C	86	14.6	47.3	YES
CHILDRESS	9	CaB	Carey loam, 1 to 3 percent slopes	Carey (Paducah)				5	0.43	5	2E	56	3.9	6.2	NO
CHILDRESS	10	CaC	Carey loam, 3 to 5 percent slopes	Carey (Paducah)				5	0.43	5	3E	56	8.4	6.2	YES
CHILDRESS	11	EfA	Enterprise fine sandy loam, 0 to 1 percent slopes	Enterprise (Hardeman)				5	0.24	3	2E	86	1.3	9.5	YES
CHILDRESS	12	EfB	Enterprise fine sandy loam, 1 to 3 percent slopes	Enterprise (Hardeman)				5	0.24	3	3E	86	2.2	9.5	YES
CHILDRESS	13	EfC	Enterprise fine sandy loam, 3 to 5 percent slopes	Enterprise (Hardeman)				5	0.24	3	3E	86	4.7	9.5	YES
CHILDRESS	14	EmA	Enterprise very fine sandy loam, 0 to 1 percent slopes	Enterprise				5	0.43	3	2C	86	2.3	9.5	YES
CHILDRESS	15	EmB	Enterprise very fine sandy loam, 1 to 3 percent slopes	Enterprise				5	0.43	3	2E	86	3.9	9.5	YES
CHILDRESS	16	EmC	Enterprise very fine sandy loam, 3 to 5 percent slopes	Enterprise				5	0.43	3	3E	86	8.4	9.5	YES
CHILDRESS	17	EmD	Enterprise very fine sandy loam, 5 to 8 percent slopes	Enterprise				5	0.43	3	4E	86	12.0	9.5	YES
CHILDRESS	18	Gr	Gravelly Broken Land	Gravelly Broken Land (Hillgrave)				5	0.15	8	6S	1	19.9	0.1	YES
CHILDRESS	19	Ha	Harmon soils	Harmon (Talpa)				1	0.17	8	7S	1	57.3	0.6	YES
CHILDRESS	20	LaB	Lacasa clay loam, 1 to 3 percent slopes	Lacasa (Quanah)				4	0.37	4	2E	56	4.2	7.7	NO
CHILDRESS	21	Lh	Lacasa-Harmon complex	Lacasa (Quanah)				4	0.37	4	3E	56	3.5	7.7	NO
CHILDRESS	22	Lh	Lacasa-Harmon complex	Harmon (Lueders)				1	0.17	8	7S	1	18.2	0.6	YES
CHILDRESS	23	Lo	Loamy Alluvial Land	loam Alluvial				5	0.37	4	5W	86	2.0	9.5	YES
CHILDRESS	24	MfA	Miles fine sandy loam, 0 to 1 percent slopes	Miles				5	0.24	3	2E	86	1.3	9.5	YES
CHILDRESS	25	MfB	Miles fine sandy loam, 1 to 3 percent slopes	Miles				5	0.24	3	3E	86	2.2	9.5	YES
CHILDRESS	26	MfC	Miles fine sandy loam, 3 to 5 percent slopes	Miles				5	0.24	3	3E	86	4.7	9.5	YES
CHILDRESS	27	MfC2	Miles fine sandy loam, 3 to 5 percent slopes, eroded	Miles				5	0.24	3	4E	86	4.7	9.5	YES
CHILDRESS	28	MfD2	Miles fine sandy loam, 5 to 8 percent slopes,eroded	Miles				5	0.24	3	4E	86	6.7	9.5	YES
CHILDRESS	29	MmA	Miles loam, 0 to 1 percent slopes	Miles (Bukreek)				5	0.28	5	2C	56	1.5	6.2	NO
CHILDRESS	30	MmB	Miles loam, 1 to 2 percent slopes	Miles (Bukreek)				5	0.28	5	2E	56	2.6	6.2	NO
CHILDRESS	31	MsB	Miles loamy fine sand, 0 to 3 percent slopes	Miles				5	0.20	2	3E	134	1.8	14.7	YES
CHILDRESS	32	MsC	Miles loamy fine sand, 3 to 5 percent slopes	Miles				5	0.20	2	4E	134	3.9	14.7	YES
CHILDRESS	33	Nc	Norwood clay loam	Norwood (Spur)				5	0.43	6	2W	48	2.3	5.3	NO
CHILDRESS	34	No	Norwood silt loam	Norwood (Clairemont)				5	0.43	4	2W	86	2.3	9.5	YES
CHILDRESS	35	QuE	Quinlan-Woodard loam, soils, 8 to 20 percent slopes	Quinlan				2	0.37	4	6E	86	78.3	23.7	YES
CHILDRESS	36	QuE	Quinlan-Woodard loam, soils, 8 to 20 percent slopes	Woodward				3	0.37	4	6E	86	52.2	15.8	YES
CHILDRESS	37	Rc	Roscoe clay	Roscoe				5	0.32	4	3W	86	1.7	9.5	YES
CHILDRESS	38	Rf	Rough Broken Land	Rough Broken Land				1	0.32	3	7E	86	137.2	47.3	YES
CHILDRESS	39	Sa	Sandy Alluvial Land	Sandy Alluvial Land (Lincoln)				5	0.17	2	5W	134	0.9	14.7	YES
CHILDRESS	40	SfB	Springer loamy fine sand undulating	Springer				5	0.17	2	3E	134	1.6	14.7	YES
CHILDRESS	41	Sn3	Springer and Nobscot soils, Serverly eroded	Springer				5	0.17	2	6E	134	4.1	14.7	YES
CHILDRESS	42	Sn3	Springer and Nobscot soils, Serverly eroded	Nobscot				5	0.17	2	6E	134	4.1	14.7	YES
CHILDRESS	43	SnD	Springer and Nobscot soils, Hummocky	Springer				5	0.17	2	4E	134	4.1	14.7	YES
CHILDRESS	44	SnD	Springer and Nobscot soils, Hummocky	Nobscot				5	0.17	2	4E	134	4.1	14.7	YES
CHILDRESS	45	SpA	St. Paul silt loam, 0 to 1 percent slopes	St. Paul				5	0.37	6	2C	48	2.0	5.3	NO
CHILDRESS	46	SpB	St. Paul silt loam, 1 to 2 percent slopes	St. Paul				5	0.37	6	2E	48	3.4	5.3	NO
CHILDRESS	47	TcA	Tillman clay loam, 0 to 1 percent slopes	Tillman				5	0.32	6	2S	48	1.7	5.3	NO
CHILDRESS	48	TcB	Tillman clay loam, 1 to 3 percent slopes	Tillman				5	0.32	6	3E	48	2.9	5.3	NO
CHILDRESS	49	TcB2	Tillman clay loam, 1 to 3 percent slopes, eroded	Tillman				5	0.32	6	3E	48	2.9	5.3	NO
CHILDRESS	50	TpA	Tipton clay loam, 0 to 1 percent slopes	Tipton (Texroy)				5	0.32	6	2C	48	1.7	5.3	NO
CHILDRESS	51	TpB	Tipton clay loam, 1 to 3 percent slopes	Tipton (Texroy)				5	0.32	6	2E	48	2.9	5.3	NO
CHILDRESS	52	Tv	Tivoli fine sand	Tivoli				5	0.17	1	7E	310	5.7	34.1	YES
CHILDRESS	53	VcB	Vernon-Weymouth clay loam, 1 to 3 percent slopes	Vernon				3	0.32	4	4E	86	4.9	15.8	YES
CHILDRESS	54	VcB	Vernon-Weymouth clay loam, 1 to 3 percent slopes	Weymouth				3	0.32	6	3E	48	4.9	8.8	YES
CHILDRESS	55	VcC	Vernon-Weymouth clay loam, 3 to 5 percent slopes	Vernon				3	0.32	4	4E	86	10.4	15.8	YES
CHILDRESS	56	VcC	Vernon-Weymouth clay loam, 3 to 5 percent slopes	Weymouth				3	0.32	6	4E	48	10.4	8.8	YES
CHILDRESS	57	Ve	Vernon complex	Vernon (Knoco)				3	0.32	4	4E	86	17.8	15.8	YES

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
CHILDRESS	58	Ve	Vernon complex	Knoco				1	0.37	4	4E	86	61.9	47.3	YES
CHILDRESS	59	Vx	Vernon-Quinlan complex	Vernon				3	0.37	4	6E	86	20.6	15.8	YES
CHILDRESS	60	Vx	Vernon-Quinlan complex	Quinlan				2	0.37	4	6E	86	192.3	23.7	YES
CHILDRESS	61	WoB	Woodward loam, 1 to 3 percent slopes	Woodward				3	0.37	4	2E	86	5.6	15.8	YES
CHILDRESS	62	WoC	Woodward loam, 3 to 5 percent slopes	Woodward				3	0.37	4	3E	86	12.0	15.8	YES
CHILDRESS	63	WwD	Woodward-Quinlan loam, soils, 5 to 12 percent slopes	Woodward				3	0.37	4	6E	86	23.1	15.8	YES
CHILDRESS	64	WwD	Woodward-Quinlan loam, soils, 5 to 12 percent slopes	Quinlan				2	0.37	4	6E	86	34.6	23.7	YES

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
COCHRAN	1	AfA	Amarillo fine sandy loam, 0 to 1 percent slopes	Amarillo				5	0.24	3	3E	86	0.7	13.8	YES
COCHRAN	2	AfB	Amarillo fine sandy loam, 1 to 3 percent slopes	Amarillo				5	0.24	3	3E	86	1.2	13.8	YES
COCHRAN	3	AfC	Amarillo fine sandy loam, 3 to 5 percent slopes	Amarillo				5	0.24	3	4E	86	2.6	13.8	YES
COCHRAN	4	AlA	Amarillo loam, 0 to 1 percent slopes	Amarillo (Acuff)				5	0.28	6	3E	56	0.9	9.0	YES
COCHRAN	5	AlB	Amarillo loam, 1 to 2 percent slopes	Amarillo (Acuff)				5	0.28	6	3E	56	1.3	9.0	YES
COCHRAN	6	AmB	Amarillo loamy fine sand, 0 to 3 percent slopes	Amarillo				5	0.15	2	4E	134	0.8	21.4	YES
COCHRAN	7	An	Arch fine sandy loam	Arch				5	0.28	3	4E	86	0.9	13.8	YES
COCHRAN	8	Ao	Arch loam,	Arch				5	0.37	4	4E	86	1.1	13.8	YES
COCHRAN	9	AvA	Arvana fine sandy loam, 0 to 1 percent slopes	Arvana				2	0.24	3	3E	86	1.8	34.4	YES
COCHRAN	10	AvB	Arvana fine sandy loam, 1 to 3 percent slopes	Arvana				2	0.24	3	3E	86	3.1	34.4	YES
COCHRAN	11	AwA	Arvana fine sandy loam shallow, 0 to 1 percent slopes	Arvana (Sharvana)				1	0.24	3	6S	86	3.7	68.8	YES
COCHRAN	12	Be	Bethoud-Potter complex	Berthoud (Berda)				5	0.24	3	4E	86	4.2	13.8	YES
COCHRAN	13	Be	Bethoud-Potter complex	Potter				1	0.15	8	7S	1	9.7	0.8	YES
COCHRAN	14	Bp	Bippus-Spur soils	Bippus				5	0.28	6	20	48	1.2	7.7	NO
COCHRAN	15	Bp	Bippus-Spur soils	Spur (Bippus)				5	0.28	6	2W	48	0.9	7.7	NO
COCHRAN	16	Br	Brownfield fine sand, thick surface	Brownfield thick				5	0.15	1	6E	310	0.7	49.6	YES
COCHRAN	17	Bs	Brownfield fine sand, thin surface	Brownfield (Patricia)				5	0.15	2	4E	134	0.7	21.4	YES
COCHRAN	18	Bt3	Brownfield soils, severly eroded	Brownfield (Patricia)				5	0.15	2	6E	134	0.7	21.4	YES
COCHRAN	19	Bv	Brownfield-Tivoli fine sands	Tivoli (Circleback)				5	0.17	1	7E	310	2.1	49.6	YES
COCHRAN	20	Bv	Brownfield-Tivoli fine sands	Brownfield				5	0.15	1	6E	310	0.7	49.6	YES
COCHRAN	21	DrB	Drake soils, 1 to 3 percent slopes	Drake				5	0.28	4	4E	86	1.4	13.8	YES
COCHRAN	22	DrC	Drake soils, 3 to 5 percent slopes	Drake				5	0.28	4	6E	86	3.1	13.8	YES
COCHRAN	23	DrD	Drake soils, 5 to 8 percent slopes	Drake				5	0.28	4	6E	86	4.4	13.8	YES
COCHRAN	24	Go	Gomez-Portales soils	Portales (Midessa)				5	0.24	3	3E	86	0.7	13.8	YES
COCHRAN	25	Go	Gomez-Portales soils	Gomez				5	0.17	2	6E	134	0.5	21.4	YES
COCHRAN	26	Km	Kimbrough soils	Kimbrough				1	0.37	4	6S	86	16.8	68.8	YES
COCHRAN	27	Lu	Lubbock fine sandy loam	Lubbock (Zita)				4	0.24	3	3E	86	0.9	17.2	YES
COCHRAN	28	Lv	Lubbock clay loam	Lubbock (Zita)				4	0.28	5	3E	56	1.1	11.2	YES
COCHRAN	29	MfA	Mansker fine sandy loam, 0 to 1 percent slopes	Mansker (Tulia)				3	0.24	3	4E	86	1.2	22.9	YES
COCHRAN	30	MfB	Mansker fine sandy loam, 1 to 3 percent slopes	Mansker (Tulia)				3	0.24	3	4E	86	2.1	22.9	YES
COCHRAN	31	MkA	Mansker loam, 0 to 1 percent slopes	Mansker				3	0.28	4	4E	86	1.4	22.9	YES
COCHRAN	32	MkB	Mansker loam, 1 to 3 percent slopes	Mansker				3	0.24	4	4E	86	2.1	22.9	YES
COCHRAN	33	PfA	Portales fine sandy loam, 0 to 1 percent slopes	Portales (Midessa)				3	0.24	3	3E	86	1.2	22.9	YES
COCHRAN	34	PfB	Portales fine sandy loam, 1 to 3 percent slopes	Portales (Midessa)				5	0.37	3	3E	86	1.9	13.8	YES
COCHRAN	35	PmA	Portales loam, 0 to 1 percent slopes	Portales				5	0.37	4	3E	86	1.1	13.8	YES
COCHRAN	36	PmB	Portales loam, 1 to 3 percent slopes	Portales				5	0.37	4	3E	86	1.9	13.8	YES
COCHRAN	37	Ra	Randall soils	Randall				5	0.24	3	4W	86	0.7	13.8	YES
COCHRAN	38	Rf	Randall fine sandy loam, thick surface, varient	Randall thick				5	0.32	4	4W	86	1.0	13.8	YES
COCHRAN	39	StA	Stegall loam, 0 to 1 percent slopes	Stegall				2	0.32	6	3E	48	2.4	19.2	YES
COCHRAN	40	SwA	Stegall loam, shallow, 0 to 1 percent slopes	Stegall (Slaughter)				1	0.37	6	4S	48	5.7	38.4	YES
COCHRAN	41	Tv	Tivoli fine sand,	Tivoli (Circleback)				5	0.17	1	7E	310	2.1	49.6	YES
COCHRAN	42	Tx	Tivoli-Potter-complex	Tivoli (Circleback)				5	0.17	1	7E	310	2.1	49.6	YES
COCHRAN	43	Tx	Tivoli-Potter-complex	Potter				1	0.28	8	7S	1	13.4	0.8	YES
COCHRAN	44	ZfA	Zita fine sandy loam, 0 to 1 percent slopes	Zita				4	0.28	5	3E	56	1.1	11.2	YES
COCHRAN	45	ZfB	Zita fine sandy loam, 1 to 3 percent slopes	Zita				4	0.24	3	3E	86	1.5	17.2	YES
COCHRAN	46	ZmA	Zita loam, 0 to 1 percent slopes	Zita				4	0.28	5	3E	56	1.1	11.2	YES
COCHRAN	47	ZZ	Water	Water				0	0.00	0	0	0	0.0	0.0	NO

All MAP UNITS **APPENDED PRE 1990 SOIL LIST FOR ZONE 1** **3/1/03**

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
COLLINGSWORTH	1	AbA	Abilene clay loam, 0 to 1 percent slopes	Abilene				5	0.37	6	2C	48	1.9	5.8	NO
COLLINGSWORTH	2	AbB	Abilene clay loam, 1 to 3 percent slopes	Abilene				5	0.37	6	2E	48	3.2	5.8	NO
COLLINGSWORTH	3	Bn	Brownfield-Nobscot fine sand	Brownfield (Heatly)				5	0.17	1	4E	310	1.3	37.2	YES
COLLINGSWORTH	4	Bn	Brownfield-Nobscot fine sand	Nobscot				5	0.17	2	6E	134	1.3	16.1	YES
COLLINGSWORTH	5	CaA	Carey loam, 0 to 1 percent slopes	Carey				5	0.43	6	2C	48	2.2	5.8	NO
COLLINGSWORTH	6	CaB	Carey loam, 1 to 3 percent slopes	Carey				5	0.43	6	2E	48	3.7	5.8	NO
COLLINGSWORTH	7	CaC	Carey loam, 3 to 5 percent slopes	Carey				5	0.43	6	3E	48	7.9	5.8	NO
COLLINGSWORTH	8	Co	Colorado loam	Colorado				5	0.37	6	2C	48	1.9	5.8	NO
COLLINGSWORTH	9	El	Ector-Lacasa complex	Ector (Lueders)				1	0.10	8	7S	1	8.9	0.6	YES
COLLINGSWORTH	10	El	Ector-Lacasa complex	Lacasa (Sagerton)				5	0.32	6	3E	48	5.7	5.8	NO
COLLINGSWORTH	11	EnB	Enterprise very fine sandy loam, 1 to 3 percent slopes	Enterprise				5	0.43	3	2E	86	4.5	10.3	YES
COLLINGSWORTH	12	EnC	Enterprise very fine sandy loam, 3 to 5 percent slopes	Enterprise				5	0.43	3	3E	86	7.9	10.3	YES
COLLINGSWORTH	13	EnD	Enterprise very fine sandy loam, 5 to 12 percent slopes	Enterprise				5	0.43	3	4E	86	15.1	10.3	YES
COLLINGSWORTH	14	LcB	Lacasa silty clay loam, 1 to 3 percent slopes	Lacasa (Sagerton)				5	0.32	6	2E	48	3.4	5.8	NO
COLLINGSWORTH	15	LcC	Lacasa silty clay loam, 3 to 6 percent slopes	Lacasa (Sagerton)				5	0.32	6	3E	48	5.9	5.8	NO
COLLINGSWORTH	16	Ls	Lincoln soils	Lincoln				5	0.17	2	4S	134	0.9	16.1	YES
COLLINGSWORTH	17	LuB	Lutie clay loam, 1 to 3 percent slopes	Lutie				5	0.43	7	3E	38	3.7	4.6	NO
COLLINGSWORTH	18	LuC	Lutie clay loam, 3 to 5 percent slopes	Lutie				5	0.43	7	4E	38	8.0	4.6	YES
COLLINGSWORTH	19	Lx	Lutie-Quinlan-Cottonwood	Lutie				5	0.43	7	4E	38	8.6	4.6	YES
COLLINGSWORTH	20	Lx	Lutie-Quinlan-Cottonwood	Quinlan				2	0.37	4	6E	86	18.6	25.8	YES
COLLINGSWORTH	21	Lx	Lutie-Quinlan-Cottonwood	Cottonwood				1	0.32	4	6S	86	32.2	51.6	YES
COLLINGSWORTH	22	MaB	Mansker fine sandy loam, 1 to 3 percent slopes	Mansker (Veal)				4	0.24	3	4E	86	2.6	12.9	YES
COLLINGSWORTH	23	MaC	Mansker fine sandy loam, 3 to 5 percent slopes	Mansker (Veal)				4	0.24	3	4E	86	5.5	12.9	YES
COLLINGSWORTH	24	MaD	Mansker fine sandy loam, 5 to 8 percent slopes	Mansker (Veal)				4	0.24	3	6E	86	7.9	12.9	YES
COLLINGSWORTH	25	MD	Mansker-Woodward complex	Mansker (Veal)				4	0.24	3	6E	86	4.8	12.9	YES
COLLINGSWORTH	26	MD	Mansker-Woodward complex	Woodard				3	0.37	4	6E	86	3.1	17.2	YES
COLLINGSWORTH	27	MeA	Miles & Altus soils, 0 to 1 percent slopes	Miles				5	0.24	3	2E	86	2.1	10.3	YES
COLLINGSWORTH	28	MeA	Miles & Altus soils, 0 to 1 percent slopes	Altus				5	0.24	3	2E	86	1.2	10.3	YES
COLLINGSWORTH	29	MfB	Miles fine sandy loam, 1 to 3 percent slopes	Miles				5	0.24	3	3E	86	2.1	10.3	YES
COLLINGSWORTH	30	MfC	Miles fine sandy loam, 3 to 5 percent slopes	Miles				5	0.24	3	3E	86	4.4	10.3	YES
COLLINGSWORTH	31	MfC2	Miles fine sandy loam, 3 to 5 percent slopes, eroded	Miles				5	0.24	3	4E	86	4.4	10.3	YES
COLLINGSWORTH	32	MlB	Miles loamy fine sand 0 to 3 percent slopes	Miles				5	0.20	2	3E	134	1.6	16.1	YES
COLLINGSWORTH	33	MlC	Miles loamy fine sand, 3 to 5 percent slopes	Miles				5	0.20	2	4E	134	4.5	16.1	YES
COLLINGSWORTH	34	Ms3	Miles soils, severly eroded	Miles				5	0.20	2	6E	134	4.0	16.1	YES
COLLINGSWORTH	35	QW	Quinlan-Woodward loams	Quinlan				2	0.37	4	6E	86	18.6	25.8	YES
COLLINGSWORTH	36	QW	Quinlan-Woodward loams	Woodard				3	0.37	4	6E	86	12.4	17.2	YES
COLLINGSWORTH	37	RW	Rough Broken Land - Woodward complex	Rough Broken Land				1	0.24	8	7S	1	91.3	0.6	YES
COLLINGSWORTH	38	RW	Rough Broken Land - Woodward complex	Woodard				3	0.37	4	6E	86	46.9	17.2	YES
COLLINGSWORTH	39	SfC	Springer fine sand loam, 3 to 5 percent slopes	Springer				5	0.20	3	3E	86	3.7	10.3	YES
COLLINGSWORTH	40	SfD	Springer fine sand loam, 5 to 8 percent slopes	Springer				5	0.20	3	4E	86	5.3	10.3	YES
COLLINGSWORTH	41	SgB	Springer loamy fine sand, undulating	Springer				5	0.17	2	3E	134	3.4	16.1	YES
COLLINGSWORTH	42	SgD	Springer loamy fine sand, hummocky	Springer				5	0.17	2	6E	134	3.8	16.1	YES
COLLINGSWORTH	43	Sn	Springer-Brownfield-Blown-out	Springer				5	0.17	2	6E	134	2.7	16.1	YES
COLLINGSWORTH	44	Sn	Springer-Brownfield-Blown-out	Brownfield (Heatly)				5	0.17	1	6E	310	2.7	37.2	YES
COLLINGSWORTH	45	Sn	Springer-Brownfield-Blown-out	Blown-Out Land				5	0.15	1	6E	310	2.4	37.2	YES
COLLINGSWORTH	46	Sp	Spur clay loam	Spur				5	0.28	6	2C	48	1.4	5.8	NO
COLLINGSWORTH	47	Sr	Spur and Colorado soils	Spur				5	0.28	6	5W	48	1.4	5.8	NO
COLLINGSWORTH	48	Sr	Spur and Colorado soils	Colorado				5	0.37	6	5W	48	1.9	5.8	NO
COLLINGSWORTH	49	Tv	Tivoli fine sand	Tivoli				5	0.17	1	7E	310	3.4	37.2	YES
COLLINGSWORTH	50	WcA	Wichita loam, 0 to 1 percent slopes	Wichita				5	0.32	6	2C	48	1.6	5.8	NO
COLLINGSWORTH	51	WcB	Wichita loam, 1 to 3 percent slopes	Wichita				5	0.32	6	2E	48	2.7	5.8	NO
COLLINGSWORTH	52	WlA	Wichita-Lutie loam, 0 to 2 percent slopes	Wichita				5	0.32	6	2C	48	2.0	5.8	NO
COLLINGSWORTH	53	WlA	Wichita-Lutie loam, 0 to 2 percent slopes	Lutie				5	0.43	6	3E	48	2.7	5.8	NO
COLLINGSWORTH	54	WlC	Wichita-Lutie loam, 2 to 6 percent slopes	Wichita				5	0.32	6	4E	48	5.5	5.8	NO
COLLINGSWORTH	55	WlC	Wichita-Lutie loam, 2 to 6 percent slopes	Lutie				5	0.43	6	4E	48	7.4	5.8	NO
COLLINGSWORTH	56	WlC2	Wichita-Lutie loam, 2 to 6 percent slopess, eroded	Wichita				5	0.32	6	4E	48	5.5	5.8	NO
COLLINGSWORTH	57	WlC2	Wichita-Lutie loam, 2 to 6 percent slopess, eroded	Lutie				5	0.43	6	4E	48	7.4	5.8	NO

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
COLLINGSWORTH	58	WoB	Woodward loam, 1 to 3 percent slopes	Woodard				3	0.37	4	2E	86	5.3	17.2	YES
COLLINGSWORTH	59	WoC	Woodward loam, 3 to 5 percent slopes	Woodard				3	0.37	4	3E	86	11.3	17.2	YES
COLLINGSWORTH	60	WuC	Woodward-Quinlan loam, 2 to 5 percent slopes	Woodard				3	0.37	4	3E	86	10.5	17.2	YES
COLLINGSWORTH	61	WuC	Woodward-Quinlan loam, 2 to 5 percent slopes	Quinland				2	0.37	4	4E	86	15.7	25.8	YES
COLLINGSWORTH	62	Wy	Woodward-Yahola-Breaks complex	Woodard				3	0.37	4	3E	86	38.9	17.2	YES
COLLINGSWORTH	63	Wy	Woodward-Yahola-Breaks complex	Yahola				5	0.50	3	2W	86	2.6	10.3	YES
COLLINGSWORTH	64	Wy	Woodward-Yahola-Breaks complex	Breaks				5	0.50	3	6E	86	31.6	10.3	YES
COLLINGSWORTH	65	Ya	Yahola fine sand loam	Yahola				5	0.50	3	2W	86	2.6	10.3	YES

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
COTTLE	1	AbA	Abilene clay loam, 0 to 1 percent slopes	Abilene				5	0.37	6	2C	48	2.0	5.3	NO
COTTLE	2	Bo	Badland-Owens soils	Badland				1	0.37	4	8E	86	265.5	47.3	YES
COTTLE	3	Bo	Badland-Owens soils	Owens				3	0.32	4	6E	86	12.8	15.8	YES
COTTLE	4	BuA	Bukreek loam, 0 to 1 percent slopes	Bukreek				5	0.28	5	2C	56	1.5	6.2	NO
COTTLE	5	BuB	Bukreek loam, 1 to 3 percent slopes	Bukreek				5	0.28	5	2E	56	2.6	6.2	NO
COTTLE	6	BuC	Bukreek loam, 3 to 5 percent slopes	Bukreek				5	0.28	5	3E	56	5.5	6.2	NO
COTTLE	7	CaA	Carey loam, 0 to 1 percent slopes	Carey				5	0.43	6	2C	48	2.3	5.3	NO
COTTLE	8	CaB	Carey loam, 1 to 3 percent slopes	Carey				5	0.43	6	2E	48	3.9	5.3	NO
COTTLE	9	Cd	Colorado very fine sandy loam	Colorado				5	0.28	3	2W	86	1.5	9.5	YES
COTTLE	10	Ce	Colorado clay loam	Colorado				5	0.32	6	2C	48	1.7	5.3	NO
COTTLE	11	Cf	Colorado and Yahola soils, frequently flooded	Colorado				5	0.37	6	5W	48	2.0	5.3	NO
COTTLE	12	Cf	Colorado and Yahola soils, frequently flooded	Yahola				5	0.49	3	5W	86	2.7	9.5	YES
COTTLE	13	Co	Cottonwood complex	Cottonwood				1	0.32	4	6S	86	25.9	47.3	YES
COTTLE	14	Ct	Cottonwood soils	Cottonwood				1	0.32	4	7S	86	31.2	47.3	YES
COTTLE	15	De	Delwin fine sand	Delwin				5	0.15	1	3E	310	0.8	34.1	YES
COTTLE	16	EnA	Enterprise very fine sandy loam, 0 to 1 percent slopes	Enterprise				5	0.43	3	2C	86	2.3	9.5	YES
COTTLE	17	EnB	Enterprise very fine sandy loam, 1 to 3 percent slopes	Enterprise				5	0.43	3	2E	86	3.9	9.5	YES
COTTLE	18	EnC	Enterprise very fine sandy loam, 3 to 5 percent slopes	Enterprise				5	0.43	3	3E	86	8.4	9.5	YES
COTTLE	19	EnD	Enterprise very fine sandy loam, 5 to 12 percent slopes	Enterprise				5	0.43	3	6E	86	16.1	9.5	YES
COTTLE	20	HaA	Hardeman fine sandy loam, 0 to 1 percent slopes	Hardeman				5	0.24	3	2E	86	1.3	9.5	YES
COTTLE	21	HaB	Hardeman fine sandy loam, 1 to 3 percent slopes	Hardeman				5	0.24	3	3E	86	2.2	9.5	YES
COTTLE	22	HaC	Hardeman fine sandy loam, 3 to 5 percent slopes	Hardeman				5	0.24	3	3E	86	4.7	9.5	YES
COTTLE	23	HaD	Hardeman fine sandy loam, 5 to 12 percent slopes	Hardeman				5	0.24	3	6E	86	9.0	9.5	YES
COTTLE	24	He	Heatly fine sand	Heatly				5	0.17	1	4E	310	2.9	34.1	YES
COTTLE	25	Hg	Hilgrave very gravelly sandy loam	Hilgrave				5	0.10	8	6S	1	0.8	0.1	NO
COTTLE	26	Lc	Lincoln soils	Lincoln				5	0.20	3	4S	86	1.1	9.5	YES
COTTLE	27	Lf	Lincoln soils, frequently flooded	Lincoln				5	0.17	2	5W	134	0.9	14.7	YES
COTTLE	28	Ln	Lipan clay	Lofton				5	0.32	4	6W	86	1.7	9.5	YES
COTTLE	29	Lo	Lofton clay loam	Lofton				5	0.32	6	2E	48	1.7	5.3	NO
COTTLE	30	MeB	Miles loamy fine sand, 0 to 3 percent slopes	Miles				5	0.20	2	3E	134	1.8	14.7	YES
COTTLE	31	MeC	Miles loamy fine sand, 3 to 5 percent slopes	Miles				5	0.20	2	4E	134	3.9	14.7	YES
COTTLE	32	MfA	Miles fine sandy loam, 0 to 1 percent slopes	Miles				5	0.24	3	2E	86	1.3	9.5	YES
COTTLE	33	MfB	Miles fine sandy loam, 1 to 3 percent slopes	Miles				5	0.24	3	3E	86	2.2	9.5	YES
COTTLE	34	MfC	Miles fine sandy loam, 3 to 5 percent slopes	Miles				5	0.24	3	3E	86	4.7	9.5	YES
COTTLE	35	MfD	Miles fine sandy loam, 5 to 12 percent slopes	Miles				5	0.24	3	4E	86	9.0	9.5	YES
COTTLE	36	No	Nobscot fine sand	Nobscot				5	0.17	2	4E	134	1.4	14.7	YES
COTTLE	37	Ob	Owens-Badland	Owens (Knoco)				1	0.37	4	4E	86	31.4	47.3	YES
COTTLE	38	Ob	Owens-Badland	Badland				1	0.37	4	8E	86	240.6	47.3	YES
COTTLE	39	Ot	Owens, Talpa, and Vernon soils	Owens (Knoco)				1	0.37	4	4E	86	71.9	47.3	YES
COTTLE	40	Ot	Owens, Talpa, and Vernon soils	Talfa				1	0.17	8	7S	1	33.0	0.6	YES
COTTLE	41	Ot	Owens, Talpa, and Vernon soils	Vernon				3	0.32	4	4E	86	16.5	15.8	YES
COTTLE	42	PaC	Paducah loam, 3 to 5 percent soils slopes	Paducah				5	0.43	5	3E	56	8.4	6.2	YES
COTTLE	43	Qt	Quanah-Talpa complex	Quanah				4	0.37	4	3E	86	7.8	11.8	YES
COTTLE	44	Qt	Quanah-Talpa complex	Talpa				1	0.17	8	7S	1	18.2	0.6	YES
COTTLE	45	Ro	Rough Broken Land	Rough Broken Land				1	0.24	8	7E	1	299.1	0.6	YES
COTTLE	46	SaA	Sagerton loam, 0 to 1 percent slopes	Sagerton				5	0.32	6	2C	48	1.7	5.3	NO
COTTLE	47	SaB	Sagerton loam, 1 to 3 percent slopes	Sagerton				5	0.32	6	2E	48	2.9	5.3	NO
COTTLE	48	ScA	Sagerton clay loam, 0 to 1 percent slopes	Sagerton				5	0.32	6	2C	48	1.7	5.3	NO
COTTLE	49	ScB	Sagerton clay loam, 1 to 3 percent slopes	Sagerton				5	0.32	6	2E	48	2.9	5.3	NO
COTTLE	50	Sp	St. Paul silt loam	St. Paul				5	0.37	6	2C	48	2.0	5.3	NO
COTTLE	51	SrB	Springer loamy fine sand, undulating	Springer				5	0.17	2	3E	134	2.9	14.7	YES
COTTLE	52	SrD	Springer loamy fine sand, hummocky	Springer				5	0.17	2	4E	134	4.1	14.7	YES
COTTLE	53	StD	Springer and Tivoli soils, hummocky	Springer				5	0.17	2	4E	134	4.1	14.7	YES
COTTLE	54	Ta	Talpa stony loam	Talpa				1	0.17	8	7S	1	26.2	0.6	YES
COTTLE	55	TmA	Tillman silty clay loam, 0 to 1 percent slopes	Tillman				5	0.32	6	2S	48	1.7	5.3	NO
COTTLE	56	TmB	Tillman silty clay loam, 1 to 3 percent slopes	Tillman				5	0.32	6	3E	48	2.9	5.3	NO
COTTLE	57	TmB2	Tillman silty clay loam, 1 to 3 percent slopes, eroded	Tillman				5	0.32	4	4E	86	6.2	9.5	YES

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
COTTLE	58	Tv	Tivoli fine sand	Tivoli				5	0.17	1	7E	310	22.5	34.1	YES
COTTLE	59	VeB	Veal fine sandy loam, 1 to 3 percent slopes	Veal				4	0.24	3	4E	86	2.7	11.8	YES
COTTLE	60	VeC	Veal fine sandy loam, 3 to 5 percent slopes	Veal				4	0.24	3	4E	86	5.9	11.8	YES
COTTLE	61	VeD	Veal fine sandy loam, 5 to 12 percent slopes	Veal				4	0.24	3	6E	86	11.2	11.8	YES
COTTLE	62	VnB	Vernon clay loam, 1 to 3 percent slopes	Vernon				3	0.32	4	4E	86	4.9	15.8	YES
COTTLE	63	VnC	Vernon clay loam, 3 to 5 percent slopes	Vernon				3	0.32	4	4E	86	10.4	15.8	YES
COTTLE	64	WeB	Weymouth clay loam, 1 to 3 percent slopes	Weymouth				3	0.32	6	3E	48	4.9	8.8	YES
COTTLE	65	WeC	Weymouth clay loam, 3 to 5 percent slopes	Weymouth				3	0.32	6	4E	48	10.4	8.8	YES
COTTLE	66	WeD	Weymouth clay loam, 5 to 12 percent slopes	Weymouth				3	0.32	6	6E	48	14.9	8.8	YES
COTTLE	67	WoB	Woodward loam, 1 to 3 percent slopes	Woodward				3	0.37	4	2E	86	5.6	15.8	YES
COTTLE	68	WoC	Woodward loam, 3 to 5 percent slopes	Woodward				3	0.37	4	3E	86	12.0	15.8	YES
COTTLE	69	Wr	Woodward soils and Rough Broken land	Woodward				3	0.37	4	6E	86	43.1	15.8	YES
COTTLE	70	Wr	Woodward soils and Rough Broken land	Rough Broken				1	0.24	3	7E	86	83.9	47.3	YES
COTTLE	71	Wr	Woodward soils and Rough Broken land	Quinlan				3	0.37	4	6E	86	20.6	15.8	YES
COTTLE	72	Wu	Woodward and Quinlan loams	Woodward				3	0.37	4	6E	86	12.0	15.8	YES
COTTLE	73	Wu	Woodward and Quinlan loams	Quinlan				2	0.37	4	6E	86	30.9	23.7	YES
COTTLE	74	Ya	Yahola very fine sandy loam	Yahola				5	0.49	3	2C	86	2.7	9.5	YES

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
CROSBY	1	AbA	Abilene clay loam, 0 to 1 percent slopes	Abilene				5	0.37	6	2C	48	1.6	6.2	NO
CROSBY	2	AbB	Abilene clay loam, 1 to 3 percent slopes	Abilene				5	0.37	6	2E	48	2.7	6.2	NO
CROSBY	3	AfA	Amarillo fine sandy loam, 0 to 1 percent slopes	Amarillo				5	0.24	3	3E	86	1.1	11.2	YES
CROSBY	4	AfB	Amarillo fine sandy loam, 1 to 3 percent slopes	Amarillo				5	0.24	3	3E	86	1.8	11.2	YES
CROSBY	5	AmB	Amarillo loamy fine sand, 0 to 3 percent slopes	Amarillo				5	0.15	2	4E	134	1.0	17.4	YES
CROSBY	6	Ba	Badland	Badland (Knoco)				1	0.37	4	7E	86	75.3	55.9	YES
CROSBY	7	BfB	Berthoud fine sandy loam, 1 to 3 percent slopes	Berthoud (Berda)				3	0.24	3	3E	86	3.0	18.6	YES
CROSBY	8	BfC	Berthoud fine sandy loam, 3 to 5 percent slopes	Berthoud (Berda)				3	0.24	5	4E	86	6.3	18.6	YES
CROSBY	9	BfD	Berthoud fine sandy loam, 5 to 8 percent slopes	Berthoud (Berda)				3	0.24	3	6E	86	9.1	18.6	YES
CROSBY	10	BmC	Berthoud loam, 3 to 5 percent slopes	Berthoud (Berda)				5	0.24	4	4E	86	3.8	11.2	YES
CROSBY	11	BmD	Berthoud loam, 5 to 8 percent slopes	Berthoud (Berda)				5	0.24	4	6E	86	5.5	11.2	YES
CROSBY	12	Br	Brownfield fine sand	Brownfield				5	0.15	1	6E	310	1.0	40.3	YES
CROSBY	13	Bs3	Brownfield soils, severly eroded	Brownfield (Patricia)				5	0.15	1	6E	134	1.0	17.4	YES
CROSBY	14	BtB	Bippus clay loam, 1 to 3 percent slopes	Bippus				5	0.28	6	3E	48	2.1	6.2	NO
CROSBY	15	DcB	Drake clay loam, 1 to 3 percent slopes	Drake				5	0.28	4	4E	86	2.1	11.2	YES
CROSBY	16	DcC	Drake clay loam, 3 to 5 percent slopes	Drake				5	0.32	4	6E	86	5.1	11.2	YES
CROSBY	17	GP	Pits-gravel	Pits-gravel				1	0.10	0	8S	1	0.0	0.7	NO
CROSBY	18	Hg	hilly Gravelly Land	hilly Gravelly Land (Polar)				2	0.10	8	6E	1	4.4	0.3	NO
CROSBY	19	Lk	Likes loamy fine sand	Likes				5	0.15	2	6E	134	0.7	17.4	YES
CROSBY	20	Lm	Loamy Alluvial Land	Loamy Alluvial Land				5	0.28	6	6W	48	1.2	6.2	NO
CROSBY	21	Ln	Lofton clay loam	Lofton				5	0.32	6	3E	48	1.4	6.2	NO
CROSBY	22	Lp	Lofton fine sandy loam	Lofton				5	0.32	3	3E	86	1.4	11.2	YES
CROSBY	23	MaA	Mansker fine sandy loam, 0 to 1 percent slopes	Mansker				4	0.24	3	4E	86	1.3	14.0	YES
CROSBY	24	MaB	Mansker fine sandy loam, 1 to 3 percent slopes	Mansker				4	0.24	3	4E	86	2.2	14.0	YES
CROSBY	25	MaC	Mansker fine sandy loam, 3 to 5 percent slopes	Mansker				4	0.24	3	4E	86	4.8	14.0	YES
CROSBY	26	MkA	Mansker loam, 0 to 1 percent slopes	Mansker				3	0.28	4	4E	86	2.1	18.6	YES
CROSBY	27	MkB	Mansker loam, 1 to 3 percent slopes	Mansker				3	0.28	4	4E	86	3.5	18.6	YES
CROSBY	28	MkC	Mansker loam, 3 to 5 percent slopes	Mansker				3	0.28	4	4E	86	7.4	18.6	YES
CROSBY	29	Ml	Mansker-Potter complex	Mansker				3	0.24	3	4E	86	10.9	18.6	YES
CROSBY	30	Ml	Mansker-Potter complex	Potter				1	0.28	8	7S	1	38.0	0.7	YES
CROSBY	31	MmB	Miles loamy fine sand, 0 to 3 percent slopes	Miles				5	0.24	3	3E	86	1.8	11.2	YES
CROSBY	32	MmC	Miles loamy fine sand, 3 to 5 percent slopes	Miles				5	0.24	3	4E	86	3.8	11.2	YES
CROSBY	33	MnA	Miles fine sandy loam, 0 to 1 percent slopes	Miles				5	0.10	2	2E	134	0.4	17.4	YES
CROSBY	34	MnB	Miles fine sandy loam, 1 to 3 percent slopes	Miles				5	0.10	2	3E	134	1.6	17.4	YES
CROSBY	35	MnC	Miles fine sandy loam, 3 to 5 percent slopes	Miles				5	0.24	3	3E	86	3.8	11.2	YES
CROSBY	36	OtA	Olton loam, 0 to 1 percent slopes	Olton				5	0.32	6	3E	48	1.4	6.2	NO
CROSBY	37	OtB	Olton loam, 1 to 3 percent slopes	Olton				5	0.32	6	3E	48	2.4	6.2	NO
CROSBY	38	PfA	Portales fine sandy loam, 0 to 1 percent slopes	Portales (Midessa)				3	0.24	3	3E	86	1.8	18.6	YES
CROSBY	39	PfB	Portales fine sandy loam, 1 to 3 percent slopes	Portales (Midessa)				3	0.24	3	3E	86	3.0	18.6	YES
CROSBY	40	PmA	Portales loam, 0 to 1 percent slopes	Portales				5	0.37	4	3E	86	1.6	11.2	YES
CROSBY	41	PmB	Portales loam, 1 to 3 percent slopes	Portales				5	0.37	4	3E	86	2.7	11.2	YES
CROSBY	42	Ps	Potter soils	Potter				1	0.28	3	7S	1	7.1	0.7	NO
CROSBY	43	PuA	Pullman silty clay loam, 0 to 1 percent slopes	Pullman				5	0.27	6	3E	48	1.2	6.2	NO
CROSBY	44	PuB	Pullman silty clay loam, 1 to 3 percent slopes	Pullman				5	0.27	6	3E	48	2.0	6.2	NO
CROSBY	45	Ra	Randall clay	Randall				5	0.32	4	6W	86	1.4	11.2	YES
CROSBY	46	Rf	Randall fine sandy loam	Randall				5	0.24	3	4W	86	1.1	11.2	YES
CROSBY	47	Rm	Rough broken land	Rough broken land				1	0.10	8	7S	1	30.0	0.7	YES
CROSBY	48	Sa	Sandy alluvial land	Sandy alluvial land				5	0.17	2	3W	134	0.8	17.4	YES
CROSBY	49	Sc	Spur clay loam	Spur				5	0.28	6	3W	48	1.2	6.2	NO
CROSBY	50	Sf	Spur fine sandy loam	Spur				5	0.24	3	3W	86	1.1	11.2	YES
CROSBY	51	SmB	Stamford clay, 1 to 3 percent slopes	Stamford				4	0.32	4	3E	86	3.0	14.0	YES
CROSBY	52	StA	Stamford soils, 0 to 1 percent slopes	Stamford				4	0.32	4	3S	86	1.8	14.0	YES
CROSBY	53	Tv	Tivoli fine sand	Tivoli				5	0.17	1	7E	310	3.0	40.3	YES
CROSBY	54	Vb	Vernon-Travessilla complex	Vernon (Knoco)				1	0.37	4	7S	86	312.4	55.9	YES
CROSBY	55	Vb	Vernon-Travessilla complex	Travessilla (Latom)				1	0.10	8	7S	1	16.8	0.7	YES
CROSBY	56	VcB	Vernon clay loam, 1 to 3 percent slopes	Vernon				3	0.37	4	4E	86	4.6	18.6	YES
CROSBY	57	VcD	Vernon clay loam, 3 to 15 percent slopes	Vernon				3	0.37	4	4E	86	22.0	18.6	YES

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
CROSBY	58	ZfA	Zita fine sandy loam, 0 to 1 percent slopes	Zita				4	0.24	3	3E	56	1.3	9.1	YES
CROSBY	59	ZmA	Zita loam, 0 to 1 percent slopes	Zita				4	0.28	5	3E	56	1.5	9.1	YES
CROSBY	60	ZmB	Zita loam, 1 to 3 percent slopes	Zita				4	0.28	5	3E	56	2.6	9.1	YES
CROSBY	61	ZY	Water	Water				0	0.00	0	0	0	0.0	0.0	NO
CROSBY	62	ZZ	Water	Water				0	0.00	0	0	0	0.0	0.0	NO

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
DALLAM	1	BeC	Berthoud loam, 3 to 5 percent slopes	Berthoud				5	0.32	4	4E	86	3.9	18.9	YES
DALLAM	2	BeD	Berthoud loam, 5 to 8 percent slopes	Berthoud				5	0.32	4	6E	86	5.6	18.9	YES
DALLAM	3	Ch	Church soils	Church				5	0.32	4	6W	86	1.7	18.9	YES
DALLAM	4	CoB	Conlen loam, 0 to 3 percent slopes	Conlen				5	0.32	4	4E	86	3.9	18.9	YES
DALLAM	5	CoC	Conlen loam, 3 to 5 percent slopes	Conlen				5	0.32	4	4E	86	3.9	18.9	YES
DALLAM	6	DaB	Dallam loamy fine sand, 0 to 3 percent slopes	Dallam				5	0.20	2	4E	134	1.0	29.5	YES
DALLAM	7	Df	Dalupe fine sandy loam	Dalupe				5	0.24	3	2W	86	0.8	18.9	YES
DALLAM	8	DlA	Dallam fine sandy loam, 0 to 1 percent slopes	Dallam				5	0.24	3	3E	86	0.8	18.9	YES
DALLAM	9	DlB	Dallam fine sandy loam, 1 to 3 percent slopes	Dallam				5	0.24	3	3E	86	1.4	18.9	YES
DALLAM	10	Dr	Corlena soils	Corlena				5	0.17	2	5W	134	0.9	29.5	YES
DALLAM	11	DuA	Dumas loam, 0 to 1 percent slopes	Dumas				5	0.32	5	3E	56	1.1	12.3	YES
DALLAM	12	DuB	Dumas loam, 1 to 3 percent slopes	Dumas				5	0.32	5	3E	56	1.8	12.3	YES
DALLAM	13	GrA	Gruver loam, 0 to 1 percent slopes	Gruver				5	0.32	6	3E	48	1.1	10.6	YES
DALLAM	14	GrB	Gruver loam, 1 to 3 percent slopes	Gruver				5	0.32	6	3E	48	1.8	10.6	YES
DALLAM	15	Hu	Humbarger loam	Humbarger				5	0.28	4	2W	86	1.0	18.9	YES
DALLAM	16	KP	Kerrick-Plack association, nearly level	Kerrick				2	0.32	4	4E	86	2.7	47.3	YES
DALLAM	17	KP	Kerrick-Plack association, nearly level	Plack				1	0.32	4	7S	86	5.4	94.6	YES
DALLAM	18	Ne	Ness clay	Ness				5	0.28	4	6W	86	1.0	18.9	YES
DALLAM	19	PcB	Perico loamy fine sand, 0 to 3 percent slopes	Perico				5	0.20	2	4E	134	1.0	29.5	YES
DALLAM	20	PeA	Perico fine sandy loam, 0 to 1 percent slopes	Perico				5	0.24	3	3E	86	0.8	18.9	YES
DALLAM	21	PeB	Perico Fien sandy loam, 1 to 3 percent slopes	Perico				5	0.24	3	3E	86	1.4	18.9	YES
DALLAM	22	PeC	Perico fine sandy loam, 3 to 5 percent slopes	Perico				5	0.24	3	4E	86	2.9	18.9	YES
DALLAM	23	PLB	Plack loam, 0 to 3 percent slopes	Plack				1	0.32	4	7S	86	8.3	94.6	YES
DALLAM	24	RcB	Rickmore loamy fine sand, 0 to 3 percent slopes	Rickmore				5	0.20	2	4E	134	1.0	29.5	YES
DALLAM	25	RkA	Rickmore fine sandy loam, 0 to 1 percent slopes	Rickmore				5	0.24	3	3E	86	0.8	18.9	YES
DALLAM	26	Sd	Conlen loam, 0 to 3 percent slopes	Conlen				5	0.32	4	4E	86	1.7	18.9	YES
DALLAM	27	SH	Sherm clay loam,	Sherm				5	0.32	6	3E	48	1.1	10.6	YES
DALLAM	28	SpB	Spurlock fine sandy loam, 0 to 3 percent slopes	Spurlock				5	0.24	3	4E	86	1.2	18.9	YES
DALLAM	29	SpC	Spurlock fine sandy loam, 3 to 5 percent slopes	Spurlock				5	0.24	3	4E	86	2.9	18.9	YES
DALLAM	30	SrB	Spurlock soils, Hummocky	Spurlock				5	0.24	3	6E	86	3.6	18.9	YES
DALLAM	31	SuA	Sunray loam, 0 to 1 percent slopes	Sunray				5	0.32	4	3E	86	1.1	18.9	YES
DALLAM	32	SuB	Sunray loam, 1 to 3 percent slopes	Sunray				5	0.32	4	3E	86	1.8	18.9	YES
DALLAM	33	TEA	Texline loam, 0 to 1 percent slopes	Texline				5	0.32	4	3E	86	1.1	18.9	YES
DALLAM	34	Va	Valentine fine sand	Valentine				5	0.15	1	6E	310	1.8	68.2	YES
DALLAM	35	VKE	Valentine-Spurlock complex, 5 to 15 percent slopes	Valentine				5	0.15	1	6E	310	8.6	68.2	YES
DALLAM	36	VKE	Valentine-Spurlock complex, 5 to 15 percent slopes	Spurlock				5	0.28	4	6E	86	16.1	18.9	YES
DALLAM	37	VLC	Vingo and Dallam soils, undulating	Vingo				5	0.17	2	6E	134	2.6	29.5	YES
DALLAM	38	VLC	Vingo and Dallam soils, undulating	Dallam				5	0.20	2	4E	134	3.0	29.5	YES

All MAP UNITS **APPENDED PRE 1990 SOIL LIST FOR ZONE 1** **3/1/03**

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
DAWSON	1	AbA	Abilene clay loam, 0 to 1 percent slopes	Abilene				5	0.37	6	2C	48	1.4	6.7	NO
DAWSON	2	AfA	Amarillo fine sandy loam, 0 to 1 percent slopes	Amarillo				5	0.24	3	3E	86	0.9	12.0	YES
DAWSON	3	AfB	Amarillo fine sandy loam, 1 to 3 percent slopes	Amarillo				5	0.24	3	3E	86	1.5	12.0	YES
DAWSON	4	AmB	Amarillo loamy fine sand, 0 to 3 percent slopes	Amarillo				5	0.15	2	4E	134	0.9	18.8	YES
DAWSON	5	AnA	Amarillo sandy clay loam, 0 to 1 percent slopes	Amarillo (Acuff)				5	0.28	5	3E	56	1.0	7.8	NO
DAWSON	6	AnB	Amarillo sandy clay loam, 1 to 3 percent slopes	Amarillo (Acuff)				5	0.28	5	3E	56	1.8	7.8	NO
DAWSON	7	ArA	Arch fine sandy loam, 0 to 1 percent slopes	Arch				5	0.23	3	4E	86	0.9	12.0	YES
DAWSON	8	AsB	Arch loamy fine sand, 0 to 3 percent slopes	Arch				5	0.20	2	6E	134	1.1	18.8	YES
DAWSON	9	AvA	Arvana fine sandy loam, 0 to 1 percent slopes	Arvana				2	0.24	3	3E	86	2.2	30.1	YES
DAWSON	10	AvB	Arvana fine sandy loam, 1 to 3 percent slopes	Arvana				2	0.24	3	3E	86	3.8	30.1	YES
DAWSON	11	AxB	Arvana fine sandy loam, shallow, 0 to 3 percent slopes	Arvana (Sharvana)				1	0.24	3	6S	86	6.9	60.2	YES
DAWSON	12	AyB	Arvana loamy fine sand, 0 to 3 percent slopes	Arvana				2	0.15	2	4E	134	2.1	46.9	YES
DAWSON	13	BcA	Bippus clay loam, 0 to 1 percent slopes	Bippus (Berda)				5	0.28	6	3E	48	1.0	6.7	NO
DAWSON	14	BcB	Bippus clay loam, 1 to 3 percent slopes	Bippus (Berda)				5	0.28	6	3E	48	1.8	6.7	NO
DAWSON	15	BcC	Bippus clay loam, 3 to 5 percent slopes	Bippus (Berda)				5	0.28	5	4E	48	3.8	6.7	NO
DAWSON	16	BfB3	Brownfield fine sand, 0 to 3 percent slopes, eroded	Brownfield (Patricia)				5	0.15	2	6E	134	0.9	18.8	YES
DAWSON	17	BkB	Brownfield fine sand, thick surface, 0 to 3 percent slopes	Brownfield				5	0.15	2	6E	310	0.9	43.4	YES
DAWSON	18	BnB	Brownfield fine sand, thin surface, 0 to 3 percent slopes	Brownfield (Patricia)				5	0.15	2	4E	134	0.9	18.8	YES
DAWSON	19	DfB	Drake fine sandy loam, 1 to 3 percent slopes	Drake				5	0.24	3	4E	86	1.5	12.0	YES
DAWSON	20	DrC	Drake soils, 3 to 5 percent slopes	Drake				5	0.28	4	6E	86	3.8	12.0	YES
DAWSON	21	Km	Kimbrough soils, 1 to 5 percent slopes	Kimbrough				1	0.37	4	7E	86	21.6	60.2	YES
DAWSON	22	MaA	Mansker clay loam, 0 to 1 percent slopes	Mansker				5	0.28	4	4E	86	1.0	12.0	YES
DAWSON	23	MaB	Mansker clay loam, 1 to 3 percent slopes	Mansker				5	0.28	4	4E	86	1.8	12.0	YES
DAWSON	24	MaC	Mansker clay loam, 3 to 5 percent slopes	Mansker				5	0.28	4	4E	86	3.8	12.0	YES
DAWSON	25	MfA	Mansker fine sandy loam, 0 to 1 percent slopes	Mansker (Veal)				5	0.24	3	4E	86	0.9	12.0	YES
DAWSON	26	MfB	Mansker fine sandy loam, 1 to 3 percent slopes	Mansker (Veal)				5	0.24	3	4E	86	1.5	12.0	YES
DAWSON	27	MfC	Mansker fine sandy loam, 3 to 5 percent slopes	Mansker (Veal)				5	0.24	3	4E	56	3.2	7.8	NO
DAWSON	28	MsA	Miles sandy clay loam, 0 to 1 percent slopes	Miles (Bukreek)				5	0.28	5	2C	56	1.0	7.8	NO
DAWSON	29	MsB	Miles sandy clay loam, 1 to 3 percent slopes	Miles (Bukreek)				5	0.28	5	2E	56	1.8	7.8	NO
DAWSON	30	PcA	Portales clay loam, 0 to 1 percent slopes	Portales (Estacado)				5	0.32	5	3E	56	1.2	7.8	NO
DAWSON	31	PcB	Portales clay loam, 1 to 3 percent slopes	Portales (Estacado)				5	0.32	5	3E	86	2.0	12.0	YES
DAWSON	32	PfA	Portales fine sandy loam, 0 to 1 percent slopes	Portales (Midessa)				5	0.24	3	3E	86	0.9	12.0	YES
DAWSON	33	PfB	Portales fine sandy loam, 1 to 3 percent slopes	Portales (Midessa)				5	0.24	3	3E	86	1.5	12.0	YES
DAWSON	34	PsG	Potter soils, 8 to 30 percent slopes	Potter				1	0.15	8	7S	1	74.2	0.7	YES
DAWSON	35	Rc	Randall clay	Randall				5	0.32	4	6W	86	1.2	12.0	YES
DAWSON	36	Ro	Randall fine sandy loam ovewrblown	Randall overblown				5	0.24	3	4W	38	0.9	5.3	NO
DAWSON	37	Sc	Spur clay loam	Spur				5	0.28	6	2W	48	1.0	6.7	NO
DAWSON	38	Sf	Spur fine sandy loam	Spur				5	0.24	3	2W	86	0.9	12.0	YES
DAWSON	39	Sr	Stony Roughland-Polor Material	Stony Roughland-Polor (Polor)				1	0.15	8	7S	1	13.1	0.7	YES
DAWSON	40	Tv	Tivoli fine sand	Tivoli (Circleback)				5	0.17	1	7E	310	2.5	43.4	YES
DAWSON	41	VeD	Vernon soils, 1 to 8 percent slopes	Vernon				3	0.32	4	4E	86	7.9	20.1	YES
DAWSON	42	VoB	Vona loamy fine sand, 0 to 3 percent slopes	Vona (Gomez)				5	0.17	2	6E	134	1.0	18.8	YES
DAWSON	43	ZfA	Zita fine sandy loam, 0 to 1 percent slopes	Zita				4	0.28	3	3E	86	1.3	15.1	YES

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
Deaf Smith	1	BcA	BIPPUS		CL	0-2	85	5	.28	6	2w	48	1.0	7.7	No
Deaf Smith	2	BeD	BERDA		L	5-8	85	5	.28	4L	6e	86	4.9	13.8	Yes
Deaf Smith	3	BfB	BERWOLF		LFS	1-3	85	5	.17	2	6c	134	1.0	21.4	Yes
Deaf Smith	4	BP	BORROW PITS		PG	0-45	100	1	.10	8	8s	0	64.4	0.0	Yes
Deaf Smith	5	BpD	BERDA		L	2-12	55	5	.28	4L	6e	86	5.7	13.8	Yes
Deaf Smith	6	BpD	POTTER		GR-L	2-12	30	1	.15	8	7s	0	15.3	0.0	Yes
Deaf Smith	7	BVD	BERDA		L	3-8	60	5	.28	4L	6e	86	4.2	13.8	Yes
Deaf Smith	8	BVD	VEAL		FSL	3-8	20	3	.24	3	6e	86	6.0	22.9	Yes
Deaf Smith	9	DRC	DRAKE		L	1-8	90	4	.28	4L	6e	86	4.7	17.2	Yes
Deaf Smith	10	EcA	ESTACADO		CL	0-1	85	5	.32	5	3e	56	0.7	9.0	Yes
Deaf Smith	11	EPA	ESTACADO		CL	0-1	53	5	.32	5	3e	56	0.7	9.0	Yes
Deaf Smith	12	EPA	PULLMAN		CL	0-1	28	5	.32	6	3e	48	0.7	7.7	No
Deaf Smith	13	FrB	FRIONA		L	1-3	80	3	.28	5	3e	56	2.7	14.9	Yes
Deaf Smith	14	GQE	GLENRIO		C	5-15	45	1	.32	4	6e	38	49.8	30.4	Yes
Deaf Smith	15	GQE	QUAY		L	5-8	40	5	.37	4L	6e	86	6.5	13.8	Yes
Deaf Smith	16	IMC	IMA		LFS	1-5	50	5	.20	2	6c	134	2.1	21.4	Yes
Deaf Smith	17	IMC	LACOCA		LFS	1-8	40	1	.17	2	7s	134	11.4	107.2	Yes
Deaf Smith	18	KmB	KIMBERSON		GR-L	0-3	85	1	.20	5	7s	56	5.2	44.8	Yes
Deaf Smith	19	KPP	KIMBERSON		GR-L	0-3	46	1	.20	5	7s	56	5.2	44.8	Yes
Deaf Smith	20	KPP	PEP		CL	1-3	28	4	.32	4L	4e	86	2.3	17.2	Yes
Deaf Smith	21	KPP	POTTER		GR-L	3-20	18	1	.15	8	7s	0	33.9	0.0	Yes
Deaf Smith	22	LcA	LAZBUDDIE		C	0-1	90	5	.32	7	3s	38	0.7	6.1	No
Deaf Smith	23	LNA	LINCOLN		LFS	0-2	90	5	.17	2	2w	134	0.6	21.4	Yes
Deaf Smith	24	LoA	LOFTON		CL	0-1	85	5	.32	6	3e	48	0.7	7.7	No
Deaf Smith	25	M-W	Misc. WATER		---	---	---	---	---	---	---	---	---	---	No
Deaf Smith	26	McA	MCLEAN		C	0-1	85	5	.32	7	4w	38	0.7	6.1	No
Deaf Smith	27	MoC	MOBEETIE		FSL	3-5	85	3	.24	3	4e	86	4.9	22.9	Yes
Deaf Smith	28	MoD	MOBEETIE		FSL	5-12	85	3	.24	3	6e	86	9.4	22.9	Yes
Deaf Smith	29	MVE	MOBEETIE		FSL	5-20	50	3	.24	3	6e	86	18.5	22.9	Yes
Deaf Smith	30	MVE	VEAL		FSL	5-20	25	3	.24	3	6e	86	18.5	22.9	Yes
Deaf Smith	31	MVE	POTTER		GR-L	5-20	15	1	.15	8	7s	0	34.7	0.0	Yes
Deaf Smith	32	OcA	OLTON		CL	0-1	85	5	.32	6	3e	48	0.7	7.7	No
Deaf Smith	33	OcB	OLTON		CL	1-3	90	5	.32	6	3e	48	1.8	7.7	No
Deaf Smith	34	OTA	OLTON		CL	0-1	89	5	.32	6	3e	48	0.7	7.7	No
Deaf Smith	35	PAA	PANTEX		SICL	0-1	86	5	.37	7	3e	38	0.8	6.1	No
Deaf Smith	36	PBB	PEP		CL	1-3	26	4	.32	4L	4e	86	2.3	17.2	Yes
Deaf Smith	37	PBB	BERDA		L	2-12	16	5	.28	4L	6e	86	5.7	13.8	Yes
Deaf Smith	38	PBB	BIPPUS		CL	0-2	15	5	.28	6	2w	48	1.0	7.7	No
Deaf Smith	39	PcA	PEP		CL	0-1	85	4	.32	4L	3e	86	0.8	17.2	Yes
Deaf Smith	40	PcB	PEP		CL	1-3	85	4	.32	4L	4e	86	2.3	17.2	Yes
Deaf Smith	41	PcC	PEP		CL	3-5	90	4	.32	4L	6e	86	4.9	17.2	Yes
Deaf Smith	42	PEA	ESTACADO		CL	0-1	31	5	.32	5	3e	56	0.7	9.0	Yes
Deaf Smith	43	PEA	PEP		CL	1-3	42	4	.32	4L	4e	86	2.3	17.2	Yes
Deaf Smith	44	PGE	POTTER		GR-L	3-20	80	1	.15	8	7s	0	33.9	0.0	Yes
Deaf Smith	45	PMA	PULLMAN		CL	0-1	90	5	.32	6	3e	48	0.7	7.7	No
Deaf Smith	46	PMG	POTTER		GR-L	8-30	45	1	.15	8	7s	0	67.4	0.0	Yes
Deaf Smith	47	PMG	MOBEETIE		FSL	8-45	40	3	.24	3	7e	86	54.8	22.9	Yes
Deaf Smith	48	PnC	PLEMONS		L	3-5	85	4	.37	4L	4e	86	5.6	17.2	Yes
Deaf Smith	49	PPC	PEP		CL	1-3	56	4	.32	4L	4e	86	2.3	17.2	Yes
Deaf Smith	50	PPC	PLEMONS		L	3-5	12	4	.37	4L	4e	86	5.6	17.2	Yes
Deaf Smith	51	PPM	POTTER		GR-L	8-30	26	1	.15	8	7s	0	67.4	0.0	Yes
Deaf Smith	52	PPM	MOBEETIE		FSL	8-45	22	3	.24	3	7e	86	54.8	22.9	Yes
Deaf Smith	53	PPM	PLEMONS		L	3-5	30	4	.37	4L	4e	86	5.6	17.2	Yes
Deaf Smith	54	PrA	PORTALES		CL	0-1	85	4	.32	4	3e	86	0.8	17.2	Yes
Deaf Smith	55	PuA	PULLMAN		CL	0-1	90	5	.32	6	3e	48	0.7	7.7	No
Deaf Smith	56	PuB	PULLMAN		CL	1-3	90	5	.32	6	3e	48	1.8	7.7	No
Deaf Smith	57	PxA	PANTEX		SICL	0-1	95	5	.37	7	3e	38	0.8	6.1	No

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
Deaf Smith	58	QcB	QUAY		L	1-5	85	5	.37	4L	4e	86	3.9	13.8	Yes
Deaf Smith	59	QGT	QUAY		L	1-5	54	5	.37	4L	4e	86	3.9	13.8	Yes
Deaf Smith	60	QGT	GLENRIO		C	5-15	17	1	.32	4	6e	38	49.8	30.4	Yes
Deaf Smith	61	QGT	TUCUMCARI		CL	0-1	10	5	.32	4L	4s	86	0.7	13.8	Yes
Deaf Smith	62	RaA	RANDALL		C	0-1	90	5	.32	7	6w	38	0.7	6.1	No
Deaf Smith	63	RfC	REDONA		FSL	1-5	80	5	.28	3	4e	86	3.0	13.8	Yes
Deaf Smith	64	RIB	REDONA		FSL	1-5	38	5	.28	3	4e	86	3.0	13.8	Yes

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
Deaf Smith	65	RIB	IMA		LFS	1-5	23	5	.20	2	6c	134	2.1	21.4	Yes
Deaf Smith	66	RIB	BERWOLF		LFS	1-3	21	5	.17	2	6c	134	1.0	21.4	Yes
Deaf Smith	67	TuA	TUCUMCARI		CL	0-1	85	5	.32	4L	4s	86	0.7	13.8	Yes
Deaf Smith	68	W	WATER		---	---	---	---	---	---	---	---	---	---	No

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
DICKENS	1	AbA	Abilene clay loam, 0 to 1 percent slopes	Abilene				5	0.37	6	2C	48	1.8	5.8	NO
DICKENS	2	BmD	Berda-Mansker complex, 3 to 8 percent slopes	Berda				5	0.28	4	4E	86	5.9	10.3	YES
DICKENS	3	BmD	Berda-Mansker complex, 3 to 8 percent slopes	Mansker				3	0.28	4	6E	86	9.8	17.2	YES
DICKENS	4	BpF	Berda-Potter association, 3 to 30 percent slopes	Berda				5	0.28	4	7E	86	32.5	10.3	YES
DICKENS	5	BpF	Berda-Potter association, 3 to 30 percent slopes	Potter				1	0.15	8	7S	1	87.0	0.6	YES
DICKENS	6	BuB	Bippus clay loam, 1 to 3 percent slopes	Bippus				5	0.28	6	2E	48	2.2	5.8	NO
DICKENS	7	Bv	Breaks-Alluvial land complex	Breaks				5	0.24	8	7E	86	14.7	10.3	YES
DICKENS	8	Bv	Breaks-Alluvial land complex	Alluvial land (Yomont)				5	0.49	8	5W	86	30.0	10.3	YES
DICKENS	9	Bw	Brownfield-Nobscot association undulating	Brownfield (Heatly)				5	0.17	1	4E	310	3.6	37.2	YES
DICKENS	10	Bw	Brownfield-Nobscot association undulating	Nobscot				5	0.17	2	4E	134	3.6	16.1	YES
DICKENS	11	CaB	Carey loam, 1 to 3 percent slopes	Carey				5	0.43	6	2E	48	3.4	5.8	NO
DICKENS	12	CaC	Carey loam, 3 to 5 percent slopes	Carey				5	0.43	6	2E	48	7.3	5.8	NO
DICKENS	13	Cd	Colorado soils	Colorado				5	0.37	6	5W	48	1.8	5.8	NO
DICKENS	14	CoB	Cottonwood soils, 1 to 3 percent slopes	Cottonwood				1	0.32	4	6S	86	12.8	51.6	YES
DICKENS	15	EnB	Enterprise very fine sandy loam, 1 to 3 percent slopes	Enterprise				5	0.43	3	2E	86	3.4	10.3	YES
DICKENS	16	EnC	Enterprise very fine sandy loam, 3 to 5 percent slopes	Enterprise				5	0.43	3	3E	86	7.3	10.3	YES
DICKENS	17	LaD	Larom loam, 3 to 8 percent slopes	Latom				1	0.10	8	7S	1	10.5	0.6	YES
DICKENS	18	Lc	Lincoln loamy fine sand, loam substratum varient	Lincoln loam substr.				5	0.17	2	4S	134	0.8	16.1	YES
DICKENS	19	Ln	Lincoln soils	Lincoln				5	0.17	1	5W	310	0.8	37.2	YES
DICKENS	20	Lo	Lofton clay loam	Lofton				5	0.32	6	2E	48	1.5	5.8	NO
DICKENS	21	Ma	Mangum soils	Mangum				5	0.32	4	2S	86	1.5	10.3	YES
DICKENS	22	McB	Mansker loam, 1 to 3 percent slopes	Mansker				5	0.28	4	4E	86	2.2	10.3	YES
DICKENS	23	McC	Mansker loam, 3 to 5 percent slopes	Mansker				5	0.28	4	4E	86	4.8	10.3	YES
DICKENS	24	Md	Meno fine sandy loam	Mino (Altus)				5	0.24	3	3E	86	1.1	10.3	YES
DICKENS	25	Me	Meno loamy fine sand	Mino (Altus)				5	0.20	2	3E	134	1.0	16.1	YES
DICKENS	26	MfA	Miles fine sandy loam, 0 to 1 percent slopes	Miles				5	0.24	3	2E	86	1.1	10.3	YES
DICKENS	27	MfB	Miles fine sandy loam, 1 to 3 percent slopes	Miles				5	0.24	3	3E	86	1.9	10.3	YES
DICKENS	28	MfC	Miles fine sandy loam, 3 to 5 percent slopes	Miles				5	0.24	3	3E	86	4.1	10.3	YES
DICKENS	29	MfD	Miles fine sandy loam, 5 to 8 percent slopes	Miles				5	0.24	3	4E	86	5.9	10.3	YES
DICKENS	30	MlB	Miles loamy fine sand, 0 to 3 percent slopes	Miles				5	0.20	2	3E	134	1.5	16.1	YES
DICKENS	31	MlC	Miles loamy fine sand, 3 to 5 percent slopes	Miles				5	0.20	2	4E	134	3.4	16.1	YES
DICKENS	32	MsC2	Miles soils, 2 to 6 percent slopes, eroded	Miles				5	0.24	3	4E	86	3.4	10.3	YES
DICKENS	33	MtB	Mobeetie fine sandy loam, 1 to 3 percent slopes	Mobeetie				5	0.24	3	3E	86	1.9	10.3	YES
DICKENS	34	MtC	Mobeetie fine sandy loam, 3 to 5 percent slopes	Mobeetie				5	0.24	3	4E	86	4.1	10.3	YES
DICKENS	35	OcA	Olton clay loam, 0 to 1 percent slopes	Olton				5	0.32	6	3E	48	1.5	5.8	NO
DICKENS	36	OcB	Olton clay loam, 1 to 3 percent slopes	Olton				5	0.32	6	3E	48	2.6	5.8	NO
DICKENS	37	PoA	Portales loam, 0 to 1 percent slopes	Portales				5	0.37	4	3E	86	1.8	10.3	YES
DICKENS	38	Pt	Pits	Pits				1	0.00	0	8S	1	0.0	0.6	NO
DICKENS	39	PuA	Pullman clay loam, 0 to 1 percent slopes	Pullman				5	0.37	6	3E	48	1.8	5.8	NO
DICKENS	40	PuB	Pullman clay loam, 1 to 3 percent slopes	Pullman				5	0.37	6	3E	48	3.0	5.8	NO
DICKENS	41	Qc	Quinlan-Cotonwood complex	Quinlan				2	0.37	4	4E	86	19.4	25.8	YES
DICKENS	42	Qc	Quinlan-Cotonwood complex	Cottonwood				1	0.32	6	7S	48	46.8	28.8	YES
DICKENS	43	Ra	Randall clay	Randall				5	0.32	4	6W	86	1.5	10.3	YES
DICKENS	44	Rf	Randall fine sandy loam	Randall				5	0.24	3	4W	86	0.9	10.3	YES
DICKENS	45	Ro	Rock outcrop	Rock outcrop				1	0.10	8	8S	1	14.6	0.6	YES
DICKENS	46	Ru	Rough broken	Rough broken				5	0.24	3	7E	86	27.9	10.3	YES
DICKENS	47	Rw	Creeks	Creeks				5	0.00	0	8E	134	0.0	16.1	YES
DICKENS	48	Sp	Spur clay loam	Spur				5	0.28	6	2C	48	1.3	5.8	NO
DICKENS	49	Sr	Spur fine sandy loam	Spur				5	0.24	3	2E	86	1.1	10.3	YES
DICKENS	50	StB	Stamford clay, 1 to 3 percent slopes	Stamford				4	0.32	4	3E	86	3.2	12.9	YES
DICKENS	51	TlA	Tillman clay loam, 0 to 1 percent slopes	Tillman				5	0.32	6	2S	48	1.5	5.8	NO
DICKENS	52	TlB	Tillman clay loam, 1 to 3 percent slopes	Tillman				5	0.32	6	3E	48	2.6	5.8	NO
DICKENS	53	VeB	Veal fine sandy loam, 1 to 3 percent slopes	Veal				4	0.24	3	4E	86	2.4	12.9	YES
DICKENS	54	VeC	Veal fine sandy loam, 3 to 5 percent slopes	Veal				4	0.24	3	4E	86	5.1	12.9	YES
DICKENS	55	VnD	Vernon soils, 3 to 8 percent slopes	Vernon				3	0.37	4	6E	86	13.0	17.2	YES
DICKENS	56	Vr	Vernon-Badland hilly	Vernon				3	0.32	4	6E	86	63.8	17.2	YES
DICKENS	57	Vr	Vernon-Badland hilly	Badland				2	0.43	4	8E	86	128.5	25.8	YES

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
DICKENS	58	WeB	Weymouth clay loam, 1 to 3 percent slopes	Weymouth				3	0.32	4	3E	86	4.3	17.2	YES
DICKENS	59	WeC	Weymouth clay loam, 3 to 5 percent slopes	Weymouth				3	0.32	4	4E	86	9.1	17.2	YES

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
DICKENS	60	WoB	Woodward loam, 1 to 3 percent slopes	Woodward				3	0.37	4	2E	86	4.9	17.2	YES
DICKENS	61	WoC	Woodward loam, 3 to 5 percent slopes	Woodward				3	0.37	4	3E	86	10.5	17.2	YES
DICKENS	62	WuE	Woodward-Quinlan 3 to 15 percent slopes	Woodward				3	0.37	4	6E	86	23.3	17.2	YES
DICKENS	63	WuE	Woodward-Quinlan 3 to 15 percent slopes	Quinlan				2	0.37	4	6E	86	37.0	25.8	YES
DICKENS	64	Ya	Yahola-v fine sandl	Yahola (Yomont)				5	0.49	3	2W	86	2.3	10.3	YES

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
DONLEY	1	1	Acuff loam, 0 to 1 percent slopes	Acuff				5	0.28	5	3E	56	1.2	7.8	NO
DONLEY	2	2	Acuff loam, 1 to 3 percent slopes	Acuff				5	0.28	5	3E	56	2.1	7.8	NO
DONLEY	3	3	Acuff loam, 3 to 5 percent slopes	Acuff				5	0.28	5	4E	56	4.4	7.8	NO
DONLEY	4	4	Altus fine sandy loam, 0 to 1 percent slopes	Altus				5	0.24	3	2E	86	1.1	12.0	YES
DONLEY	5	5	Aspermont silty clay loam, 1 to 3 percent slopes	Aspermont				4	0.37	4	3E	86	7.3	15.1	YES
DONLEY	6	6	Aspermont silty clay loam, 3 to 5 percent slopes	Aspermont				4	0.37	4	4E	86	7.3	15.1	YES
DONLEY	7	7	Berda-Estacado-Potter association, rolling	Berda				5	0.28	4	6E	86	10.2	12.0	YES
DONLEY	8	7	Berda-Estacado-Potter association, rolling	Estacado				5	0.28	4	6E	86	10.2	12.0	YES
DONLEY	9	7	Berda-Estacado-Potter association, rolling	Potter				1	0.28	4	7S	86	50.8	60.2	YES
DONLEY	10	8	Berda-Potter-Rock Outcrop association steep	Berda				5	0.28	4	7E	86	56.7	12.0	YES
DONLEY	11	8	Berda-Potter-Rock Outcrop association steep	Potter				1	0.28	4	7S	86	283.6	60.2	YES
DONLEY	12	8	Berda-Potter-Rock Outcrop association steep	Rock Outcrop				1	0.10	8	8S	1	101.3	0.7	YES
DONLEY	13	9	Bippus clay loam, 0 to 1 percent slopes	Bippus				5	0.28	6	2C	48	1.2	6.7	NO
DONLEY	14	10	Bippus clay loam, 1 to 3 percent slopes	Bippus				5	0.28	6	2E	48	2.1	6.7	NO
DONLEY	15	11	Burson-Aspermont association, steep	Burson				1	0.37	5	7S	56	374.7	39.2	YES
DONLEY	16	11	Burson-Aspermont association, steep	Aspermont				4	0.37	4	6E	86	93.7	15.1	YES
DONLEY	17	12	Carey loam, 0 to 1 percent slopes	Carey				5	0.43	6	2C	48	1.9	6.7	NO
DONLEY	18	13	Carey loam, 1 to 3 percent slopes	Carey				5	0.43	6	2E	48	3.2	6.7	NO
DONLEY	19	14	Clairemont silt loam, occasionally flooded	Clairemont				5	0.43	4	2W	86	1.9	12.0	YES
DONLEY	20	15	Delwin fine sand, 0 to 3 percent slopes	Delwin				5	0.15	1	3E	310	1.0	43.4	YES
DONLEY	21	16	Estacado clay loam, 0 to 1 percent slopes	Estacado				5	0.32	4	3E	86	1.4	12.0	YES
DONLEY	22	17	Estacado clay loam, 1 to 3 percent slopes	Estacado				5	0.32	4	3E	86	2.4	12.0	YES
DONLEY	23	18	Estacado clay loam, 3 to 5 percent slopes	Estacado				5	0.32	4	4E	86	5.1	12.0	YES
DONLEY	24	19	Guadalupe fine sandy loam, occasionally flooded	Guadalupe				4	0.28	3	2W	86	1.5	15.1	YES
DONLEY	25	20	Likes loamy fine sand, 1 to 8 percent slopes	Likes				5	0.15	2	6E	134	2.6	18.8	YES
DONLEY	26	21	Lincoln loamy fine sand, frequently flooded	Lincoln				5	0.17	2	5W	134	0.8	18.8	YES
DONLEY	27	22	Miles loamy fine sand, 0 to 3 percent slopes	Miles				5	0.20	2	3E	134	1.4	18.8	YES
DONLEY	28	23	Miles loamy fine sand, 3 to 5 percent slopes	Miles				5	0.20	2	4E	86	3.2	12.0	YES
DONLEY	29	24	Miles loamy fine sand, 3 to 8 percent slopes, severly eroded	Miles				5	0.20	2	6E	134	3.9	18.8	YES
DONLEY	30	25	Miles fine sandy loam, 0 to 1 percent slopes	Miles				5	0.24	3	2E	86	1.1	12.0	YES
DONLEY	31	26	Miles fine sandy loam, 1 to 3 percent slopes	Miles				5	0.24	3	3E	86	1.8	12.0	YES
DONLEY	32	27	Miles fine sandy loam, 3 to 5 percent slopes	Miles				5	0.24	3	3E	86	3.8	12.0	YES
DONLEY	33	28	Miles fine sandy loam, 3 to 5 percent slopess, eroded	Miles				5	0.24	3	4E	86	3.8	12.0	YES
DONLEY	34	29	Mobeetie fine sandy loam, 1 to 3 percent slopes	Mobeetie				3	0.24	3	3E	86	3.0	20.1	YES
DONLEY	35	30	Mobeetie fine sandy loam, 3 to 5 percent slopes	Mobeetie				3	0.24	3	4E	86	6.3	20.1	YES
DONLEY	36	31	Mobeetie fine sandy loam, 5 to 12 percent slopes	Mobeetie				3	0.24	3	6E	86	12.2	20.1	YES
DONLEY	37	32	Mobeetie-Badland association, steep	Mobeetie				3	0.24	3	7E	86	81.0	20.1	YES
DONLEY	38	32	Mobeetie-Badland association, steep	Badland				1	0.37	4	8E	86	195.5	60.2	YES
DONLEY	39	33	Mobeetie-Polar association, hilly	Mobeetie				3	0.24	3	7E	86	81.0	20.1	YES
DONLEY	40	33	Mobeetie-Polar association, hilly	Polar				2	0.10	8	6S	1	17.4	0.4	YES
DONLEY	41	34	Mobeetie-Veal-Potter association, rolling	Mobeetie				3	0.24	3	6E	86	19.9	20.1	YES
DONLEY	42	34	Mobeetie-Veal-Potter association, rolling	Veal				4	0.24	3	6E	86	14.9	15.1	YES
DONLEY	43	34	Mobeetie-Veal-Potter association, rolling	Potter				1	0.28	4	7S	86	69.7	60.2	YES
DONLEY	44	35	Nobscot fine sand, 1 to 8 percent slopes	Nobscot				5	0.17	2	4E	134	3.0	18.8	YES
DONLEY	45	36	Obaro-Quinlan association, rolling	Obaro				3	0.43	4	6E	86	31.5	20.1	YES
DONLEY	46	36	Obaro-Quinlan association, rolling	Quinlan				2	0.37	4	6E	86	40.6	30.1	YES
DONLEY	47	37	Olton clay loam, 0 to 1 percent slopes	Olton				5	0.32	6	3E	48	1.4	6.7	NO
DONLEY	48	38	Olton clay loam, 1 to 3 percent slopes	Olton				5	0.32	6	3E	48	2.4	6.7	NO
DONLEY	49	39	Paloduro loam, 3 to 5 percent slopes	Paloduro				5	0.28	4	4E	86	4.4	12.0	YES
DONLEY	50	40	Paloduro loam, 5 to 8 percent slopes	Paloduro				5	0.28	4	6E	86	6.4	12.0	YES
DONLEY	51	41	Potter loam, 1 to 8 percent slopes	Potter				1	0.28	8	7S	1	24.4	0.7	YES
DONLEY	52	42	Pullman clay loam, 0 to 1 percent slopes	Pullman				5	0.37	6	3E	48	1.6	6.7	NO
DONLEY	53	43	Pullman clay loam, 1 to 3 percent slopes	Pullman				5	0.37	6	3E	48	2.7	6.7	NO
DONLEY	54	44	Randall clay	Randall				5	0.32	4	6W	86	1.4	12.0	YES
DONLEY	55	45	Springer loamy fine sand, 0 to 3 percent slopes	Springer				5	0.17	2	3E	134	1.1	18.8	YES
DONLEY	56	46	Springer loamy fine sand, 3 to 8 percent slopes	Springer				5	0.17	2	4E	134	2.7	18.8	YES
DONLEY	57	47	Springer loamy fine sand, 3 to 8 percent slopes severly erode	Springer				5	0.17	2	6E	134	3.3	18.8	YES

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
DONLEY	58	48	Springer fine sandy loam, 5 to 8 percent slopes	Springer				5	0.20	3	4E	86	4.6	12.0	YES
DONLEY	59	49	Spur clay loam, occasionally flooded	Spur				5	0.28	6	2W	48	1.2	6.7	NO
DONLEY	60	50	Sweetwater soils	Sweetwater				3	0.28	7	5W	38	2.1	8.9	YES
DONLEY	61	51	Tivoli fine sand	Tivoli				5	0.17	1	7E	310	3.0	43.4	YES
DONLEY	62	52	Veal fine sandy loam, 1 to 3 percent slopes	Veal				4	0.24	3	4E	86	2.2	15.1	YES
DONLEY	63	53	Veal fine sandy loam, 3 to 5 percent slopes	Veal				4	0.24	3	4E	86	4.8	15.1	YES

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
FISHER	1	AbA	Abilene clay loam, 0 to 1 percent slopes	Abilene				5	0.37	6	2C	48	2.0	4.3	NO
FISHER	2	AbB	Abilene clay loam, 1 to 3 percent slopes	Abilene				5	0.37	6	2E	48	3.4	4.3	NO
FISHER	3	Ac	Acme-Cottonwood complex	Acme				1	0.32	4	8E	86	31.2	38.7	YES
FISHER	4	Ac	Acme-Cottonwood complex	Cottonwood				1	0.32	4	6S	86	31.2	38.7	YES
FISHER	5	Am	Altus fine sandy loam	Altus				5	0.24	3	2E	86	1.3	7.7	NO
FISHER	6	Ba	Badland	Badland				2	0.43	4	8E	86	17.4	19.4	YES
FISHER	7	Bk	Breaks-Alluvial land complex	Breaks				5	0.24	3	7E	86	16.2	7.7	YES
FISHER	8	Bk	Breaks-Alluvial land complex	Loamy Alluvial Land (Yahola)				5	0.49	3	5W	86	33.0	7.7	YES
FISHER	9	Br	Brownfield fine sand	Brownfield (Heatly)				5	0.17	1	4E	310	1.4	27.9	YES
FISHER	10	CaA	Carey loam, 0 to 1 percent slopes	Carey (Paducah)				5	0.43	5	2C	56	2.3	5.0	NO
FISHER	11	CaB	Carey loam, 1 to 3 percent slopes	Carey (Paducah)				5	0.43	5	2E	56	3.9	5.0	NO
FISHER	12	CaC	Carey loam, 3 to 5 percent slopes	Carey (Paducah)				5	0.43	5	3E	56	8.4	5.0	YES
FISHER	13	Cc	Cottonwood-Acme complex	Acme				1	0.32	4	6S	86	31.2	38.7	YES
FISHER	14	Cc	Cottonwood-Acme complex	Cottonwood				1	0.32	4	3E	86	31.2	38.7	YES
FISHER	15	EnA	Enterprise very fine sandy loam, 0 to 1 percent slopes	Enterprise				5	0.43	3	2C	86	2.3	7.7	NO
FISHER	16	EnB	Enterprise very fine sandy loam, 1 to 3 percent slopes	Enterprise				5	0.43	3	2E	86	5.0	7.7	NO
FISHER	17	EnC	Enterprise very fine sandy loam, 3 to 5 percent slopes	Enterprise				5	0.43	3	3E	86	8.4	7.7	YES
FISHER	18	EnD	Enterprise very fine sandy loam, 5 to 12 percent slopes	Enterprise				5	0.43	3	6E	86	15.5	7.7	YES
FISHER	19	Gr	Gravelly land	Gravelly land (Polar)				2	0.10	8	6S	1	2.1	0.2	NO
FISHER	20	La	Loamy Alluvial Land	Loamy Alluvial Land (Yahola)				5	0.20	3	5W	86	1.1	7.7	NO
FISHER	21	MaB	Mansker loam, 1 to 3 percent slopes	Mansker				3	0.28	4	4E	86	4.3	12.9	YES
FISHER	22	MaC	Mansker loam, 3 to 5 percent slopes	Mansker				3	0.28	4	4E	86	9.1	12.9	YES
FISHER	23	MaD	Mansker loam, 5 to 8 percent slopes	Mansker				3	0.28	4	6E	86	13.1	12.9	YES
FISHER	24	MfA	Miles fine sandy loam, 0 to 1 percent slopes	Miles				5	0.24	3	2E	86	1.3	7.7	NO
FISHER	25	MfB	Miles fine sandy loam, 1 to 3 percent slopes	Miles				5	0.24	3	3E	86	2.2	7.7	NO
FISHER	26	MfC	Miles fine sandy loam, 3 to 5 percent slopes	Miles				5	0.24	3	3E	86	4.7	7.7	NO
FISHER	27	MfC2	Miles fine sandy loam, 3 to 5 percent slopes, eroded	Miles eroded				5	0.24	3	4E	86	4.7	7.7	NO
FISHER	28	MmB	Miles loamy fine sand, 0 to 3 percent slopes	Miles				5	0.20	2	3E	134	1.7	12.1	YES
FISHER	29	PoA	Portales loam, 0 to 1 percent slopes	Portales (Quanah)				4	0.37	4	2C	86	2.5	9.7	YES
FISHER	30	Pt	Potter soils	Potter				1	0.28	8	7S	1	22.6	0.5	YES
FISHER	31	Qw	Quinlan-Woodword soils	Quinlan				2	0.37	4	6E	86	8.4	19.4	YES
FISHER	32	Qw	Quinlan-Woodword soils	Woodward				3	0.37	4	4E	86	5.6	12.9	YES
FISHER	33	Qw	Quinlan-Woodword soils	Breaks				5	0.24	3	7E	86	9.0	7.7	YES
FISHER	34	Ra	Randall clay	Randall				5	0.32	4	6W	86	1.7	7.7	NO
FISHER	35	Sa	Sandy Alluvial Land	Sandy Alluvial Land				5	0.17	2	5W	134	0.9	12.1	YES
FISHER	36	Sc	Spur clay loam	Spur (Bippus)				5	0.28	6	2W	48	1.5	4.3	NO
FISHER	37	Sp	Spur silt loam	Spur (Colorado)				5	0.37	6	2W	48	2.0	4.3	NO
FISHER	38	TcA	Tillman clay loam, 0 to 1 percent slopes	Tillman				5	0.32	6	2S	48	1.7	4.3	NO
FISHER	39	TcB	Tillman clay loam, 1 to 3 percent slopes	Tillman				5	0.32	6	3E	48	2.9	4.3	NO
FISHER	40	Tm	Tillman-Vernon complex	Tillman				5	0.32	6	3E	48	2.7	4.3	NO
FISHER	41	Tm	Tillman-Vernon complex	Vernon				3	0.37	4	4E	86	5.1	12.9	YES
FISHER	42	TpA	Tipton silt loam, 0 to 1 percent slopes	Tipton (Texroy)				5	0.32	5	2C	56	1.7	5.0	NO
FISHER	43	TpB	Tipton silt loam, 1 to 2 percent slopes	Tipton (Texroy)				5	0.32	5	2E	56	2.4	5.0	NO

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
FISHER	44	Ts	Tivoli fine sand	Tivoli				5	0.17	1	7E	310	3.6	27.9	YES
FISHER	45	Tv	Travessilla-Vernon complex	Travessilla (Latom)				1	0.10	8	7S	1	4.2	0.5	NO
FISHER	46	Tv	Travessilla-Vernon complex	Vernon				3	0.37	4	6E	86	5.1	12.9	YES
FISHER	47	Tw	Treadway clay	Treadway				3	0.32	4	6E	86	4.4	12.9	YES
FISHER	48	Vb	Vernon-Badland complex	Vernon				3	0.37	4	6E	86	5.1	12.9	YES
FISHER	49	Vb	Vernon-Badland complex	Badland				3	0.32	4	6E	86	4.4	12.9	YES
FISHER	50	WcB	Weymouth clay loam, 1 to 3 percent slopes	Weymouth				3	0.32	6	3E	48	4.9	7.2	NO
FISHER	51	WcC	Weymouth clay loam, 3 to 5 percent slopes	Weymouth				3	0.32	6	4E	48	10.4	7.2	YES
FISHER	52	WfA	Wichita fine sandy loam, 0 to 1 percent slopes	Wichita (Winters)				5	0.24	3	2E	86	1.3	7.7	NO
FISHER	53	WfB	Wichita fine sandy loam, 1 to 3 percent slopes	Wichita (Winters)				5	0.24	3	3E	86	2.2	7.7	NO
FISHER	54	WfC2	Wichita fine sandy loam, 3 to 5 percent slopes, eroded	Wichita (Winters)				5	0.24	3	4E	86	4.7	7.7	NO
FISHER	55	WhA	Wichita loam, 0 to 1 percent slopes	Wichita				5	0.32	6	2C	48	1.7	4.3	NO
FISHER	56	WhB	Wichita loam, 1 to 3 percent slopes	Wichita				5	0.32	6	2E	48	2.9	4.3	NO
FISHER	57	WmA	Wichita clay loam, 0 to 1 percent slopes	Wichita				5	0.32	6	2C	48	1.7	4.3	NO
FISHER	58	WmB	Wichita clay loam, 1 to 3 percent slopes	Wichita				5	0.32	6	2E	48	2.9	4.3	NO
FISHER	59	WoB	Woodward loam, 1 to 3 percent slopes	Woodward				3	0.37	4	2E	86	5.6	12.9	YES
FISHER	60	WoC	Woodward loam, 3 to 5 percent slopes	Woodward				3	0.37	4	3E	86	12.0	12.9	YES
FISHER	61	WwB	Woodward-Quilan loam, 1 to 3 percent slopes	Woodward				3	0.37	4	2E	86	5.6	12.9	YES
FISHER	62	WwB	Woodward-Quilan loam, 1 to 3 percent slopes	Quilan				2	0.37	4	3E	86	8.4	19.4	YES
FISHER	63	WwC	Woodward-Quilan loam, 3 to 5 percent slopes	Woodward				3	0.37	4	3E	86	12.0	12.9	YES
FISHER	64	WwC	Woodward-Quilan loam, 3 to 5 percent slopes	Quilan				2	0.37	4	4E	86	18.1	19.4	YES
FISHER	65	WwD	Woodward-Quilan loam, 5 to 8 percent slopes	Woodward				3	0.37	4	4E	86	17.3	12.9	YES
FISHER	66	WwD	Woodward-Quilan loam, 5 to 8 percent slopes	Quilan				2	0.37	4	6E	86	25.9	19.4	YES
FISHER	67	Ya	Yahola very fine sandy loam, 0 to 1 percent slopes	Yahola (Yomont)				5	0.49	3	2W	86	2.7	7.7	NO
FISHER	68	Zz	Water	Water				0	0.00	0	0	0	0.0	0.0	NO

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
FLOYD	1	AfA	Amarillo fine sandy loam, 0 to 1 percent slopes	Amarillo				5	0.24	3	3E	86	1.1	11.2	YES
FLOYD	2	AfB	Amarillo fine sandy loam, 1 to 3 percent slopes	Amarillo				5	0.24	3	3E	86	1.8	11.2	YES
FLOYD	3	AfC	Amarillo fine sandy loam, 3 to 5 percent slopes	Amarillo				5	0.24	3	4E	86	3.8	11.2	YES
FLOYD	4	BeB	Berda loam, 1 to 3 percent slopes	Berda				5	0.28	4	3E	86	2.1	11.2	YES
FLOYD	5	BeC	Berda loam, 3 to 5 percent slopes	Berda				5	0.28	4	4E	86	4.4	11.2	YES
FLOYD	6	BeD	Berda loam, 5 to 12 percent slopes	Berda				5	0.28	4	6E	86	8.5	11.2	YES
FLOYD	7	BoE	Berda-Paloduro loam, 5 to 20 percent slopes	Berda				5	0.28	4	6E	86	16.8	11.2	YES
FLOYD	8	BoE	Berda-Paloduro loam, 5 to 20 percent slopes	Paloduro				5	0.28	4	6E	86	16.8	11.2	YES
FLOYD	9	BPG	Berda and Potter soils, steep	Potter				1	0.28	8	7S	1	84.1	0.7	YES
FLOYD	10	BPG	Berda and Potter soils, steep	Berda				5	0.28	4	7E	86	16.8	11.2	YES
FLOYD	11	BtA	Bippus clay loam, 0 to 1 percent slopes	Bippus				5	0.28	6	2C	48	1.2	6.2	NO
FLOYD	12	Bw	Bippus clay loam, frequently flooded	Bippus				5	0.28	6	5W	48	1.2	6.2	NO
FLOYD	13	DrB	Drake soils, 1 to 3 percent slopes	Drake				5	0.28	4	4E	86	2.1	11.2	YES
FLOYD	14	DrC	Drake soils, 3 to 5 percent slopes	Drake				5	0.28	4	6E	86	4.4	11.2	YES
FLOYD	15	EsA	Estacado clay loam, 0 to 1 percent slopes	Estacado				5	0.32	4	3E	86	1.4	11.2	YES
FLOYD	16	EsB	Estacado clay loam, 1 to 3 percent slopes	Estacado				5	0.32	4	3E	86	2.4	11.2	YES
FLOYD	17	FoB	Flomot fine sandy loam, 1 to 3 percent slopes	Flomot				3	0.24	3	4E	86	3.0	18.6	YES
FLOYD	18	FoC	Flomot fine sandy loam, 3 to 5 percent slopes	Flomot				5	0.24	3	4E	86	4.6	11.2	YES
FLOYD	19	FoD	Flomot fine sandy loam, 5 to 12 percent slopes	Flomot				3	0.24	3	6E	56	12.2	12.1	YES
FLOYD	20	LaE	Latom and Rock outcrop, 5 to 20 percent slopes	Latom				1	0.20	3	7S	86	60.1	55.9	YES
FLOYD	21	LaE	Latom and Rock outcrop, 5 to 20 percent slopes	Rock				1	0.10	8	8S	0	30.0	0.0	YES
FLOYD	22	LkD	Likes loamy fine sand, 3 to 8 percent slopes	Likes				5	0.15	2	6E	134	2.9	17.4	YES
FLOYD	23	Ln	Lincoln soils frequently flooded	Lincoln				5	0.17	2	5W	134	0.8	17.4	YES
FLOYD	24	Lo	Lofton clay loam	Lofton				5	0.32	6	3E	48	1.4	6.2	NO
FLOYD	25	MaB	Mansker clay loam, 1 to 3 percent slopes	Mansker				3	0.28	4	4E	86	3.5	18.6	YES
FLOYD	26	MaC	Mansker clay loam, 3 to 5 percent slopes	Mansker				3	0.28	4	4E	86	7.4	18.6	YES
FLOYD	27	MoB	Mobeetie fine sandy loam, 0 to 3 percent slopes	Mobeetie				3	0.24	3	3E	86	2.7	18.6	YES
FLOYD	28	ObD	Oboro and Quinlan soils, 5 to 12 percent slopes	Obaro				3	0.43	5	6E	86	21.8	18.6	YES
FLOYD	29	ObD	Oboro and Quinlan soils, 5 to 12 percent slopes	Quinlan				2	0.37	4	6E	86	28.1	28.0	YES
FLOYD	30	OtA	Olton clay loam, 0 to 1 percent slopes	Olton				5	0.32	6	3E	48	1.4	6.2	NO
FLOYD	31	OtB	Olton clay loam, 1 to 3 percent slopes	Olton				5	0.32	6	3E	48	2.4	6.2	NO
FLOYD	32	PaA	Paloduro loam, 0 to 1 percent slopes	Paloduro				5	0.28	4	3E	86	1.2	11.2	YES
FLOYD	33	PdG	Polar and Paloduro soils, 3 to 30 percent slopes	Polar				2	0.15	8	6S	1	40.4	0.3	YES
FLOYD	34	PdG	Polar and Paloduro soils, 3 to 30 percent slopes	Paloduro				5	0.28	4	6E	86	30.2	11.2	YES
FLOYD	35	PmA	Portales loam, 0 to 1 percent slopes	Portales				5	0.37	4	3E	86	1.6	11.2	YES
FLOYD	36	PsD	Posey and Tulia soils, 5 to 12 percent slopes	Posey				3	0.24	4	6E	86	12.2	18.6	YES
FLOYD	37	PsD	Posey and Tulia soils, 5 to 12 percent slopes	Tulia				3	0.28	4	6E	86	14.2	18.6	YES
FLOYD	38	PtE	Potter soils, 2 to 20 percent slopes	Potter				1	0.15	8	7S	1	41.7	0.7	YES

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
FLOYD	39	PuA	Pullman clay loam, 0 to 1 percent slopes	Pullman				5	0.37	6	3E	48	1.6	6.2	NO
FLOYD	40	PuB	Pullman clay loam, 1 to 3 percent slopes	Pullman				5	0.37	6	3E	48	2.7	6.2	NO
FLOYD	41	Ra	Randall clay	Randall				5	0.32	4	6W	86	1.4	11.2	YES
FLOYD	42	Rw	Riverwash	Riverwash				5	0.17	1	5W	134	0.8	17.4	YES
FLOYD	43	SpD	Springer loamy fine sand, 3 to 8 percent slopes	Springer				5	0.17	2	4E	134	3.3	17.4	YES

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
FOARD	1	4	Gravel Pits	Gravel Pits				1	0.10	8	8S	1	35.8	0.5	YES
FOARD	2	4	River Channels	River Channels				5	0.17	2	5W	134	1.0	12.1	YES
FOARD	3	AbA	Abilene clay loam, 0 to 1 percent slopes	Abilene (Rotan)				5	0.37	6	2C	48	2.1	4.3	NO
FOARD	4	AbB	Abilene clay loam, 1 to 3 percent slopes	Abilene (Rotan)				5	0.37	6	2E	48	3.6	4.3	NO
FOARD	5	AbB2	Abilene clay loam, 1 to 3 percent slopes, eroded	Abilene (Rotan)				5	0.37	6	4E	48	3.6	4.3	NO
FOARD	6	Ak	Abilene-Slickspot complex	Abilene (Rotan)				5	0.37	6	2C	48	2.1	4.3	NO
FOARD	7	Ak	Abilene-Slickspot complex	Slickspot (Deandale)				5	0.43	6	6S	48	2.5	4.3	NO
FOARD	8	Am	Altus fine sandy loam,	Altus				5	0.24	3	2E	86	1.4	7.7	NO
FOARD	9	Ba	Badland	Badland				1	0.37	4	8E	86	255.7	38.7	YES
FOARD	10	CoB	Cobb fine sandy loam, 1 to 3 percent slopes	Cobb				2	0.24	3	3E	86	5.8	19.4	YES
FOARD	11	Cs	Cobb fine sandy loam, shallow, varient	Cobb (Cosh)				1	0.24	3	4E	86	11.6	38.7	YES
FOARD	12	Cu	Cobb-Quinlan complex	Cobb (Cosh)				1	0.24	3	4E	86	21.6	38.7	YES
FOARD	13	Cu	Cobb-Quinlan complex	Quinlan				2	0.20	3	4E	86	9.0	19.4	YES
FOARD	14	Cw	Cottonwood-Acme complex	Cottonwood				1	0.32	4	6S	86	9.2	38.7	YES
FOARD	15	Cw	Cottonwood-Acme complex	Acme				1	0.32	4	3E	86	9.2	38.7	YES
FOARD	16	Cx	Cottonwood-Ector-Vernon complex	Cottonwood				1	0.32	4	7S	86	114.5	38.7	YES
FOARD	17	Cx	Cottonwood-Ector-Vernon complex	Ector (Lueders)				1	0.17	8	7S	1	60.8	0.5	YES
FOARD	18	Cx	Cottonwood-Ector-Vernon complex	Vernon (Knoco)				3	0.32	4	6E	86	73.7	12.9	YES
FOARD	19	Cy	Cottonwood-Vernon-Acme complex	Cottonwood				1	0.32	4	7S	86	114.5	38.7	YES
FOARD	20	Cy	Cottonwood-Vernon-Acme complex	Vernon (Knoco)				3	0.32	4	6E	86	73.7	12.9	YES
FOARD	21	Cy	Cottonwood-Vernon-Acme complex	Acme				1	0.32	4	7S	86	28.8	38.7	YES
FOARD	22	Ec	Ector soils	Ector (Talpa)				1	0.17	8	7S	1	60.8	0.5	YES
FOARD	23	EfA	Enterprise fine sandy loam, 0 to 1 percent slopes	Enterprise (Hardeman)				5	0.24	3	2E	86	1.4	7.7	NO
FOARD	24	EfB	Enterprise fine sandy loam, 1 to 3 percent slopes	Enterprise (Hardeman)				5	0.24	3	3E	86	2.3	7.7	NO
FOARD	25	EnA	Enterprise very fine sand, 0 to 1 percent slopes	Enterprise				5	0.43	3	2C	86	2.5	7.7	NO
FOARD	26	EnB	Enterprise very fine sand, 1 to 3 percent slopes	Enterprise				5	0.43	3	2E	86	4.2	7.7	NO
FOARD	27	EnC	Enterprise very fine sand, 3 to 5 percent slopes	Enterprise				5	0.43	3	3E	86	8.9	7.7	YES
FOARD	28	Gr	Gravelly Rough Land	Gravelly Rough Land (Hillgrave)				3	0.15	8	6S	1	17.9	0.2	YES
FOARD	29	HcA	Hollister clay loam, 0 to 1 percent slopes	Hollister				5	0.32	6	2C	48	1.8	4.3	NO
FOARD	30	HcB	Hollister clay loam, 1 to 3 percent slopes	Hollister				5	0.32	6	2E	48	3.1	4.3	NO
FOARD	31	HcB2	Hollister clay loam, 1 to 3 percent slopes, eroded	Hollister				5	0.32	6	3E	48	3.1	4.3	NO

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
FOARD	32	LaB	Lacasa clay loam, 1 to 3 percent slopes	Quanah				4	0.37	4	2E	86	4.5	9.7	YES
FOARD	33	Lc	Lacasa-Ector complex	Quanah				4	0.37	4	3E	86	4.5	9.7	YES
FOARD	34	Lc	Lacasa-Ector complex	Lueders				1	0.17	3	7S	1	19.4	0.5	YES
FOARD	35	Lo	Loamy Alluvial Land	Loamy Alluvial Land				5	0.28	6	5W	48	1.5	4.3	NO
FOARD	36	MfA	Miles fine sandy loam, 0 to 1 percent slopes	Miles				5	0.24	3	2E	86	1.4	7.7	NO
FOARD	37	MfB	Miles fine sandy loam, 1 to 3 percent slopes	Miles				5	0.24	3	3E	86	2.3	7.7	NO
FOARD	38	MfC	Miles fine sandy loam, 3 to 5 percent slopes	Miles (Grandfield)				5	0.24	3	3E	86	5.0	7.7	NO
FOARD	39	MmB	Miles loamy fine sand, 0 to 3 percent slopes	Miles				5	0.20	2	3E	134	1.8	12.1	YES
FOARD	40	Mr	Miller clay	Miller (Mangum)				5	0.32	4	3W	86	1.8	7.7	NO
FOARD	41	Ra	Randall clay	Randall				5	0.32	4	4W	86	1.8	7.7	NO
FOARD	42	Sa	Sandy Alluvial Land	Sandy Alluvial				5	0.17	2	5W	134	1.0	12.1	YES
FOARD	43	Sg	Springer loamy fine sand, undulating	Springer				3	0.17	2	3E	134	2.5	20.1	YES
FOARD	44	Sp	Springer loamy fine sand, hummocky	Springer				3	0.17	2	4E	134	6.2	20.1	YES
FOARD	45	Sr	Spur silt loam,	Spur (Clairemont)				5	0.28	6	2W	48	1.6	4.3	NO
FOARD	46	Su	Spur clay loam,	Spur (Clairemont)				5	0.28	6	2W	48	1.6	4.3	NO
FOARD	47	Sy	Spur and Miller clay loam,	Spur (Clairemont)				5	0.28	6	2W	48	1.6	4.3	NO
FOARD	48	Sy	Spur and Miller clay loam,	Miller (Mangum)				5	0.32	4	2W	86	1.8	7.7	NO
FOARD	49	TcA	Tillman clay loam, 0 to 1 percent slopes	Tillman				5	0.32	6	2S	48	1.8	4.3	NO
FOARD	50	TcB	Tillman clay loam, 1 to 3 percent slopes	Tillman				5	0.32	6	3E	48	3.1	4.3	NO
FOARD	51	TcB2	Tillman clay loam, 1 to 3 percent slopes, eroded	Tillman				5	0.32	6	3E	48	3.1	4.3	NO
FOARD	52	Tp	Tipton silt loam,	Tipton				3	0.37	5	1	56	3.6	8.4	YES
FOARD	53	Tv	Tivoli fine sand	Tivoli (Likes)				5	0.17	1	6E	310	3.9	27.9	YES
FOARD	54	Vb	Vernon-Badland complex	Vernon				3	0.37	4	4E	86	14.0	12.9	YES
FOARD	55	Vb	Vernon-Badland complex	Badland				1	0.43	4	8E	86	297.2	38.7	YES
FOARD	56	VcB	Vernon-Weymouth clay loam, 1 to 3 percent slopes	Vernon				3	0.37	4	4E	86	6.0	12.9	YES
FOARD	57	VcB	Vernon-Weymouth clay loam, 1 to 3 percent slopes	Weymouth				3	0.32	4	3E	86	5.2	12.9	YES
FOARD	58	VcC	Vernon-Weymouth clay loam, 3 to 5 percent slopes	Vernon				3	0.32	4	4E	86	11.1	12.9	YES
FOARD	59	VcC	Vernon-Weymouth clay loam, 3 to 5 percent slopes	Weymouth				3	0.32	4	4E	86	11.1	12.9	YES
FOARD	60	WcB	Wichita clay loam, 1 to 3 percent slopes	Wichita (Frankirk)				5	0.32	6	2E	48	3.1	4.3	NO
FOARD	61	WmA	Wichita loam, 0 to 1 percent slopes	Wichita (Winters)				5	0.28	5	2C	56	1.6	5.0	NO
FOARD	62	WmB	Wichita loam, 1 to 3 percent slopes	Wichita (Winters)				5	0.28	5	2E	56	2.7	5.0	NO
FOARD	63	Ya	Yahola very fine sandy loam,	Yahola (Yomont)				5	0.49	3	2W	86	2.8	7.7	NO

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
GAINES	1	AfA	Amarillo fine sandy loam, 0 to 1 percent slopes	Amarillo				5	0.24	3	3E	86	0.7	13.8	YES
GAINES	2	AfB	Amarillo fine sandy loam, 1 to 3 percent slopes	Amarillo				5	0.24	3	3E	86	1.2	13.8	YES
GAINES	3	AmB	Amarillo loamy fine sand, 0 to 3 percent slopes	Amarillo				5	0.15	2	4E	134	0.5	21.4	YES
GAINES	4	Ar	Arch soils	Arch				5	0.37	4	4E	86	1.7	13.8	YES
GAINES	5	AvA	Arvana fine sandy loam, 0 to 1 percent slopes	Arvana				2	0.24	3	3E	86	1.8	34.4	YES
GAINES	6	AvB	Arvana fine sandy loam, 1 to 3 percent slopes	Arvana				2	0.24	3	3E	86	3.1	34.4	YES
GAINES	7	AwB	Arvana fine sandy loam, shallow, 0 to 3 percent slopes	Arvana (Sharvana)				1	0.24	3	6S	86	5.6	68.8	YES
GAINES	8	Be	Berthoud-Potter complex	Berthoud (Berda)				5	0.28	4	6E	86	5.9	13.8	YES
GAINES	9	Be	Berthoud-Potter complex	Potter				1	0.28	8	7S	1	18.9	0.8	YES
GAINES	10	Br	Brownfield fine sand, thick surface	Brownfield				5	0.15	1	6E	310	0.7	49.6	YES
GAINES	11	Bs	Brownfield fine sand, thin surface	Brownfield (Patricia)				5	0.15	2	4E	134	0.7	21.4	YES
GAINES	12	Bt3	Brownfield soils severly eroded	Brownfield (Patricia)				5	0.15	2	4E	134	0.7	21.4	YES
GAINES	13	DrB	Drake soils, 1 to 3 percent slopes	Drake				5	0.24	3	4E	86	1.2	13.8	YES
GAINES	14	DrC	Drake soils, 3 to 5 percent slopes	Drake				5	0.24	3	6E	86	2.6	13.8	YES
GAINES	15	DrD	Drake soils, 5 to 30 percent slopes	Drake				5	0.28	4	6E	86	21.5	13.8	YES
GAINES	16	Gf	Gomez fine sand	Gomez				5	0.17	2	6E	134	0.5	21.4	YES
GAINES	17	Gl	Gomez loamy fine sand	Gomez				5	0.17	2	6E	134	0.5	21.4	YES
GAINES	18	Km	Kimbrough soils	Kimbrough				1	0.37	4	6S	86	16.8	68.8	YES
GAINES	19	Lr	Lubbock and Randall soils	Lubbock (Lofton)				5	0.32	6	3E	48	1.0	7.7	NO
GAINES	20	Lr	Lubbock and Randall soils	Randall				5	0.32	4	6W	86	1.0	13.8	YES
GAINES	21	PfA	Portales fine sandy loam, 0 to 1 percent slopes	Portales (Midessa)				5	0.37	3	3E	86	1.1	13.8	YES
GAINES	22	PfB	Portales fine sandy loam, 1 to 3 percent slopes	Portales (Midessa)				5	0.37	3	3E	86	1.9	13.8	YES
GAINES	23	PmA	Portales loam, 0 to 1 percent slopes	Portales				3	0.24	4	3E	86	1.2	22.9	YES
GAINES	24	Ps	Portales and Spur soils	Portales (Paladuro)				5	0.24	4	3E	86	0.7	13.8	YES
GAINES	25	Ps	Portales and Spur soils	Spur				5	0.24	3	2E	86	0.7	13.8	YES
GAINES	26	Sa	Simona fine sandy loam	Simona				1	0.28	3	7E	86	4.3	68.8	YES
GAINES	27	Sb	Springer and Brownfield soils, shallow	Springer (Sharvana)				1	0.17	2	6E	134	4.0	107.2	YES
GAINES	28	Sb	Springer and Brownfield soils, shallow	Brownfield (Sharvana)				1	0.17	2	4E	134	4.0	107.2	YES

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
GAINES	29	Sm	Springer and Brownfield soils, moderately deep	Springer (Arvana)				1	0.17	2	6S	56	4.0	44.8	YES
GAINES	30	Sm	Springer and Brownfield soils, moderately deep	Brownfield (Arvana)				1	0.17	6S	4E	134	4.4	107.2	YES
GAINES	31	Sp	Springer loamy fine sand	Springer				5	0.17	2	4E	134	0.8	21.4	YES
GAINES	32	StA	Stegall loam, 0 to 1 percent slopes	Stegall				2	0.32	6	3E	48	2.4	19.2	YES
GAINES	33	Tv	Tivoli fine sand	Tivoli (Circleback)				5	0.17	1	7E	310	2.0	49.6	YES
GAINES	34	Tx	Tivola-Potter complex	Tivoli (Circleback)				5	0.17	1	7E	310	2.0	49.6	YES
GAINES	35	Tx	Tivola-Potter complex	Potter				1	0.15	8	7S	1	8.7	0.8	YES
GAINES	36	ZfA	Zita fine sandy loam, 0 to 1 percent slopes	Zita				4	0.24	3	3E	86	0.9	17.2	YES

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
GARZA	1	AbA	Abilene clay loam, 0 to 1 percent slopes	Abilene				5	0.37	6	2C	48	1.6	6.2	NO
GARZA	2	AcA	Acuff loam, 0 to 1 percent slopes	Acuff				5	0.28	5	3E	56	1.2	7.3	NO
GARZA	3	AcB	Acuff loam, 1 to 3 percent slopes	Acuff				5	0.28	5	3E	56	2.1	7.3	NO
GARZA	4	AmA	Amarillo fine sandy loam, 0 to 1 percent slopes	Amarillo				5	0.24	3	3E	86	1.1	11.2	YES
GARZA	5	AmB	Amarillo fine sandy loam, 1 to 3 percent slopes	Amarillo				5	0.24	3	3E	86	1.8	11.2	YES
GARZA	6	Ba	Badland	Badland				2	0.43	4	8E	86	18.7	28.0	YES
GARZA	7	BeB	Berda loam, 1 to 3 percent slopes	Berda				5	0.28	4	3E	86	2.1	11.2	YES
GARZA	8	BeC	Berda loam, 3 to 5 percent slopes	Berda				5	0.28	4	4E	86	4.4	11.2	YES
GARZA	9	BpB	Bippus loam, 1 to 3 percent slopes	Bippus				5	0.28	6	2E	48	2.1	6.2	NO
GARZA	10	BrC	Brownfield fine sand, 1 to 5 percent slopes	Brownfield (Heatly)				5	0.17	1	4E	310	2.3	40.3	YES
GARZA	11	Ca	Clairemont silt loam, 0 to 1 percent slopes	Clairemont				5	0.43	4	3W	86	1.9	11.2	YES
GARZA	12	DaA	Dalby clay, 0 to 2 percent slopes	Dalby (Stamford)				4	0.32	4	3E	86	2.2	14.0	YES
GARZA	13	DrC	Drake soils, 2 to 5 percent slopes	Drake				5	0.28	4	3E	86	4.1	11.2	YES
GARZA	14	Ln	Lincoln soils	Lincoln				5	0.17	2	5W	134	0.8	17.4	YES
GARZA	15	Lo	Lincoln-Yahola complex	Lincoln				5	0.17	2	5W	134	0.8	17.4	YES
GARZA	16	Lo	Lincoln-Yahola complex	Yahola				5	0.20	5	5W	86	0.9	11.2	YES
GARZA	17	LuA	Lubbock clay loam, 0 to 1 percent slopes	Lubbock (Lofton)				5	0.32	6	3E	48	1.4	6.2	NO
GARZA	18	MaA	Mansker loam, 0 to 1 percent slopes	Mansker				3	0.28	4	4E	86	2.1	18.6	YES
GARZA	19	MaB	Mansker loam, 1 to 3 percent slopes	Mansker				3	0.28	4	4E	86	3.5	18.6	YES
GARZA	20	MaC	Mansker loam, 3 to 5 percent slopes	Mansker				3	0.28	4	4E	86	7.4	18.6	YES
GARZA	21	MfA	Miles fine sandy loam, 0 to 1 percent slopes	Miles				5	0.24	3	2E	86	1.1	11.2	YES
GARZA	22	MfB	Miles fine sandy loam, 1 to 3 percent slopes	Miles				5	0.24	3	3E	86	1.8	11.2	YES
GARZA	23	MfC	Miles fine sandy loam, 3 to 5 percent slopes	Miles				5	0.24	3	3E	86	3.8	11.2	YES
GARZA	24	MlB	Miles loamy fine sand, 0 to 3 percent slopes	Miles				5	0.20	2	3E	134	1.4	17.4	YES
GARZA	25	MmC	Miles-Springer loamy fine sand, 3 to 5 percent slopes	Miles				5	0.20	2	4E	134	3.2	17.4	YES
GARZA	26	MmC	Miles-Springer loamy fine sand, 3 to 5 percent slopes	Springer				4	0.17	2	4E	134	3.4	21.8	YES
GARZA	27	MnB	Mobeetie fine sandy loam, 1 to 3 percent slopes	Mobeetie				3	0.24	3	3E	86	3.0	18.6	YES
GARZA	28	MnC	Mobeetie fine sandy loam, 3 to 5 percent slopes	Mobeetie				3	0.24	3	4E	86	6.3	18.6	YES
GARZA	29	MoD	Mobeetie-Latom fine sandy loam, 2 to 20 percent slopes	Mobeetie				3	0.24	3	4E	86	22.3	18.6	YES
GARZA	30	MoD	Mobeetie-Latom fine sandy loam, 2 to 20 percent slopes	Latom				1	0.20	3	7S	86	55.6	55.9	YES
GARZA	31	Mp	Mobeetie-Potter association	Potter				1	0.28	3	7S	1	38.0	0.7	YES
GARZA	32	Mp	Mobeetie-Potter association	Mobeetie				5	0.24	3	3E	86	8.7	11.2	YES
GARZA	33	NoC	Nobscot fine sand, 0 to 5 percent slopes	Nobscot				5	0.17	2	4E	134	2.2	17.4	YES
GARZA	34	OcA	Olton clay loam, 0 to 1 percent slopes	Olton				5	0.32	6	3E	48	1.4	6.2	NO
GARZA	35	OcB	Olton clay loam, 1 to 3 percent slopes	Olton				5	0.32	6	3E	48	2.4	6.2	NO
GARZA	36	OlA	Olton loam, 0 to 1 percent slopes	Olton				5	0.32	6	3E	48	1.4	6.2	NO
GARZA	37	OlB	Olton loam, 1 to 3 percent slopes	Olton				5	0.32	6	3E	48	2.4	6.2	NO
GARZA	38	PoA	Portales loam, 0 to 1 percent slopes	Portales				5	0.37	4	3E	86	1.6	11.2	YES
GARZA	39	PoB	Portales loam, 1 to 3 percent slopes	Portales				5	0.37	4	3E	86	2.7	11.2	YES
GARZA	40	PtC	Potter soils, 0 to 5 percent slopes	Potter				1	0.28	8	7S	1	18.4	0.7	YES
GARZA	41	Ra	Randall clay	Randall				5	0.32	4	6W	86	1.4	11.2	YES
GARZA	42	Ro	Rough broken	Rough broken				5	0.24	3	7E	86	6.0	11.2	YES
GARZA	43	SeB	Spade-Veal fine sandy loam, 1 to 3 percent slopes	Spade				2	0.24	3	3E	86	4.4	28.0	YES
GARZA	44	SeB	Spade-Veal fine sandy loam, 1 to 3 percent slopes	Veal				4	0.24	3	4E	86	2.2	14.0	YES
GARZA	45	SeC	Spade-Veal fine sandy loam, 3 to 5 percent slopes	Spade				2	0.24	3	4E	86	9.5	28.0	YES
GARZA	46	SeC	Spade-Veal fine sandy loam, 3 to 5 percent slopes	Veal				3	0.24	3	4E	86	6.3	18.6	YES
GARZA	47	Sp	Spur clay loam	Spur				5	0.28	6	2W	48	1.2	6.2	NO

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
GARZA	48	Su	Spur fine sandy loam	Spur				5	0.24	3	2W	86	1.1	11.2	YES
GARZA	49	Tv	Tivoli fine sand	Tivoli				5	0.17	1	7E	310	3.0	40.3	YES
GARZA	50	Tw	Tivoli-Brownfield soils, rolling	Tivoli				5	0.17	1	7E	310	2.5	40.3	YES
GARZA	51	Tw	Tivoli-Brownfield soils, rolling	Brownfield (Heatly)				5	0.17	1	4E	310	19.8	40.3	YES
GARZA	52	Vb	Vernon-Badland complex, hilly	Vernon				3	0.37	4	6E	86	71.9	18.6	YES
GARZA	53	Vb	Vernon-Badland complex, hilly	Badland				2	0.43	4	8E	86	125.4	28.0	YES
GARZA	54	VeB	Vernon soils1 to 3 percent slopes	Vernon				3	0.37	4	4E	86	4.6	18.6	YES
GARZA	55	VeC	Vernon soils, 3 to 5 percent slopes	Vernon				3	0.37	4	4E	86	9.8	18.6	YES
GARZA	56	Vh	Vernon complex, hilly	Spade				3	0.37	4	6E	86	71.9	18.6	YES
GARZA	57	Vh	Vernon complex, hilly	Vernon				3	0.37	4	6E	86	71.9	18.6	YES
GARZA	58	Wz	Riverwash	Riverwash				5	0.17	0	5W	134	0.0	17.4	YES
GARZA	59	ZtA	Zita loam, 0 to 1 percent slopes	Zita				4	0.28	5	3E	56	1.5	9.1	YES
GARZA	60	Zz	Water	Water				0	0.00	0	0	0	0.0	0.0	NO

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
GRAY	1	BcB	Bippus clay loam, 1 to 3 percent slopes	Bippus				5	0.28	6	2E	48	2.1	6.7	NO
GRAY	2	BfB	Bippus fine sandy loam, 1 to 3 percent slopes	Bippus				5	0.24	3	3E	86	1.8	12.0	YES
GRAY	3	Hg	Hilly Gravelly Land	Hilly Gravelly Land (Polar)				2	0.10	8	6S	1	17.4	0.4	YES
GRAY	4	LfD	Likes loamy fine sand, 3 to 8 percent slopes	Likes				5	0.15	2	6E	134	2.9	18.8	YES
GRAY	5	Ln	Lincoln soils	Lincoln				5	0.17	2	5W	134	0.8	18.8	YES
GRAY	6	MaB	Mansker clay loam, 1 to 3 percent slopes	Mansker				3	0.28	4	4E	86	3.5	20.1	YES
GRAY	7	MaC	Mansker clay loam, 3 to 5 percent slopes	Mansker				3	0.28	4	4E	86	7.4	20.1	YES
GRAY	8	MaD	Mansker clay loam, 5 to 8 percent slopes	Mansker				3	0.28	4	6E	86	10.6	20.1	YES
GRAY	9	MbB	Mansker and Mobeetie fine sandy loams, 1 to 3 percent slope	Mansker (Veal)				4	0.24	3	4E	86	2.2	15.1	YES
GRAY	10	MbB	Mansker and Mobeetie fine sandy loams, 1 to 3 percent slope	Mobeetie				3	0.24	3	3E	86	3.0	20.1	YES
GRAY	11	McD	Mansker-Potter complex, 3 to 12 percent slopes	Mansker (Veal)				4	0.28	4	6E	86	9.5	15.1	YES
GRAY	12	McD	Mansker-Potter complex, 3 to 12 percent slopes	Potter				1	0.15	8	7S	1	15.3	0.7	YES
GRAY	13	MdB	Miles loamy fine sand, 0 to 3 percent slopes	Miles				5	0.20	2	3E	134	1.4	18.8	YES
GRAY	14	MdC	Miles loamy fine sand, 3 to 5 percent slopes	Miles				5	0.20	2	4E	134	3.2	18.8	YES
GRAY	15	MfA	Miles fine sandy loam, 0 to 1 percent slopes	Miles				5	0.24	3	2E	86	1.1	12.0	YES
GRAY	16	MfB	Miles fine sandy loam, 1 to 3 percent slopes	Miles				5	0.24	3	3E	86	1.8	12.0	YES
GRAY	17	MfC	Miles fine sandy loam, 3 to 5 percent slopes	Miles				5	0.24	3	3E	86	3.8	12.0	YES
GRAY	18	MfC2	Miles fine sandy loam, 3 to 5 percent slopes, eroded	Miles				5	0.24	3	4E	86	3.8	12.0	YES
GRAY	19	MhC2	Miles and Brownfield soils, 3 to 5 percent slopes, eroded	Miles				5	0.20	2	4E	134	3.2	18.8	YES
GRAY	20	MoC	Mobeetie fine sandy loam, 3 to 8 percent slopes	Mobeetie				3	0.24	3	6E	86	7.8	20.1	YES
GRAY	21	MxD	Mobeetie -Mansker-Potter complex, 3 to 12 percent slopes	Mobeetie				3	0.24	3	6E	86	10.9	20.1	YES
GRAY	22	MxD	Mobeetie -Mansker-Potter complex, 3 to 12 percent slopes	Mansker				3	0.28	4	6E	86	12.7	20.1	YES
GRAY	23	MxD	Mobeetie -Mansker-Potter complex, 3 to 12 percent slopes	Potter				1	0.28	4	7S	86	38.0	60.2	YES

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
GRAY	24	OcB	Olton clay loam, 1 to 3 percent slopes	Olton				5	0.32	6	3E	48	3.0	6.7	NO
GRAY	25	OcC	Olton clay loam, 3 to 5 percent slopes	Olton				5	0.32	6	4E	48	5.1	6.7	NO
GRAY	26	OmA	Olton loam, 0 to 1 percent slopes	Olton (Bukreek)				5	0.28	5	2C	56	1.2	7.8	NO
GRAY	27	OmB	Olton loam, 1 to 3 percent slopes	Olton (Bukreek)				5	0.28	5	2E	56	2.1	7.8	NO
GRAY	28	OmC	Olton loam, 3 to 5 percent slopes	Olton (Bukreek)				5	0.28	5	3E	56	4.4	7.8	NO
GRAY	29	OzA	Olton and Zita clay loam, soils, 0 to 1 percent slopes	Olton				5	0.32	6	3E	48	1.4	6.7	NO
GRAY	30	OzA	Olton and Zita clay loam, soils, 0 to 1 percent slopes	Zita				4	0.28	5	3E	56	1.5	9.8	YES
GRAY	31	OzB	Olton and Zita clay loam, soils, 1 to 3 percent slopes	Olton				5	0.32	6	3E	48	2.4	6.7	NO
GRAY	32	OzB	Olton and Zita clay loam, soils, 1 to 3 percent slopes	Zita				4	0.28	5	3E	56	2.6	9.8	YES
GRAY	33	PcA	Portales clay loam, 0 to 1 percent slopes	Portales (Estacado)				5	0.32	4	3E	86	1.4	12.0	YES
GRAY	34	PcB	Portales clay loam, 1 to 3 percent slopes	Portales (Estacado)				5	0.32	4	3E	86	2.4	12.0	YES
GRAY	35	PmE	Potter-Berthoud-Mansker complex, 5 to 20 percent slopes	Potter				1	0.15	8	7S	1	45.0	0.7	YES
GRAY	36	PmE	Potter-Berthoud-Mansker complex, 5 to 20 percent slopes	Berthoud (Berda)				5	0.28	4	6E	86	16.8	12.0	YES
GRAY	37	PmE	Potter-Berthoud-Mansker complex, 5 to 20 percent slopes	Mansker				3	0.28	4	6E	86	28.0	20.1	YES
GRAY	38	PuA	Pullman clay loam, 0 to 1 percent slopes	Pullman				5	0.37	7	3E	38	1.6	5.3	NO
GRAY	39	PuB	Pullman clay loam, 1 to 2 percent slopes	Pullman				5	0.37	7	3E	38	2.3	5.3	NO
GRAY	40	Ra	Randall clay	Randall				5	0.32	4	6W	86	1.4	12.0	YES
GRAY	41	Rc	Roscoe clay	Roscoe				5	0.32	4	3W	86	1.4	12.0	YES
GRAY	42	Ro	Rough Broken Land	Rough Broken Land				5	0.24	3	7E	86	4.2	12.0	YES
GRAY	43	Sa	Springer loamy fine sand, undulating	Springer				5	0.17	2	3E	134	3.0	18.8	YES
GRAY	44	Sb	Springer loamy fine sand, hummocky	Springer				5	0.17	2	4E	134	1.3	18.8	YES
GRAY	45	Sc	Spur clay loam,	Spur				5	0.28	6	2W	48	1.2	6.7	NO
GRAY	46	Sg	Spur and Guadalupe soils	Spur				5	0.24	3	2W	86	1.1	12.0	YES
GRAY	47	Sg	Spur and Guadalupe soils	Guadalupe				4	0.28	3	2W	86	1.5	15.1	YES
GRAY	48	Sw	Sweetwater soils	Sweetwater				3	0.28	7	5W	38	2.1	8.9	YES
GRAY	49	Tf	Tivoli fine sand	Tivoli				5	0.17	1	7E	310	3.0	43.4	YES
GRAY	50	Tm	Tivoli complex	Tivoli (Likes)				5	0.15	2	6E	134	2.6	18.8	YES
GRAY	51	WcF	Woodard-Quinlan complex, 5 to 50 percent slopes	Woodard				3	0.37	4	6E	86	106.1	20.1	YES
GRAY	52	WcF	Woodard-Quinlan complex, 5 to 50 percent slopes	Quinlan				2	0.37	4	6E	86	159.2	30.1	YES
GRAY	61	5	City Dumps	City Dumps				5	0.32	4	7E	86	5.4	12.0	YES
GRAY	62	5	River and Creek Channels	River and Creek				5	0.17	2	5W	134	0.8	18.8	YES
GRAY	63	Ba	Badland	Badland				2	0.43	4	8E	86	18.7	30.1	YES

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
HALE	1	AcA	Acuff loam, 0 to 1 percent slopes	Acuff				5	0.28	5	3E	56	1.1	7.8	NO
HALE	2	AcB	Acuff loam, 1 to 3 percent slopes	Acuff				5	0.28	5	3E	56	1.9	7.8	NO
HALE	3	AlB	Amarillo loamy fine sand, 0 to 3 percent slopes	Amarillo				5	0.15	2	4E	134	0.9	18.8	YES
HALE	4	AmA	Amarillo fine sandy loam, 0 to 1 percent slopes	Amarillo				5	0.24	3	3E	86	1.0	12.0	YES
HALE	5	AmB	Amarillo fine sandy loam, 1 to 3 percent slopes	Amarillo				5	0.24	3	3E	86	1.6	12.0	YES
HALE	6	AmC	Amarillo fine sandy loam, 3 to 5 percent slopes	Amarillo				5	0.24	3	4E	86	3.5	12.0	YES
HALE	7	ArB	Arch loam, 0 to 3 percent slopes	Arch				5	0.37	4	7E	86	1.5	12.0	YES
HALE	8	BeC	Berda loam, 3 to 5 percent slopes	Berda				5	0.28	4	4E	86	4.1	12.0	YES
HALE	9	BeD	Berda loam, 5 to 8 percent slopes	Berda				5	0.28	4	6E	86	5.9	12.0	YES
HALE	10	BfA	Bippus fine sandy loam, overwash, 0 to 1 percent slopes	Bippus				5	0.24	3	2E	86	1.0	12.0	YES
HALE	11	BfB	Bippus fine sandy loam, overwash, 1 to 3 percent slopes	Bippus				5	0.24	3	3E	86	1.6	12.0	YES
HALE	12	BpA	Bippus loam, 0 to 1 percent slopes	Bippus				5	0.28	6	2W	48	1.1	6.7	NO
HALE	13	BpB	Bippus loam, 1 to 3 percent slopes	Bippus				5	0.28	6	2E	48	1.9	6.7	NO
HALE	14	Br	Brownfield fine sand, thick	Brownfield				5	0.15	1	6E	310	0.9	43.4	YES
HALE	15	DrB	Drake clay loam, 1 to 3 percent slopes	Drake				5	0.32	4	4E	86	2.2	12.0	YES
HALE	16	DsD	Drake soils, 3 to 8 percent slopes	Drake				5	0.28	4	6E	86	5.0	12.0	YES
HALE	17	EsA	Estacado loam, 0 to 1 percent slopes	Estacado				5	0.28	4	3E	86	1.1	12.0	YES
HALE	18	EsB	Estacado loam, 1 to 3 percent slopes	Estacado				5	0.28	4	3E	86	1.9	12.0	YES
HALE	19	Lo	Lofton clay loam	Lofton				5	0.32	6	3E	48	1.3	6.7	NO
HALE	20	MkB	Mansker loam, 0 to 3 percent slopes	Mansker				3	0.28	4	4E	86	2.9	20.1	YES
HALE	21	MkC	Mansker loam, 3 to 5 percent slopes	Mansker				3	0.28	4	4E	86	6.8	20.1	YES
HALE	22	MsA	Midessa fine sandy loam, 0 to 1 percent slopes	Midessa				3	0.24	3	3E	86	1.6	20.1	YES
HALE	23	MsB	Midessa fine sandy loam, 1 to 3 percent slopes	Midessa				3	0.24	3	3E	86	2.7	20.1	YES
HALE	24	OtA	Olton loam, 0 to 1 percent slopes	Olton				5	0.32	6	3E	48	1.3	6.7	NO
HALE	25	OtB	Olton loam, 1 to 3 percent slopes	Olton				5	0.32	6	3E	48	2.2	6.7	NO
HALE	26	PoB	Posey fine sandy loam, 0 to 3 percent slopes	Posey				3	0.24	3	3E	86	1.6	20.1	YES
HALE	27	PoC	Posey fine sandy loam, 3 to 5 percent slopes	Posey				3	0.24	3	4E	86	5.9	20.1	YES
HALE	28	Pt	Potter-gravelly loam,	Potter				1	0.10	8	6E	1	8.5	0.7	YES
HALE	29	PuA	Pullman clay loam, 0 to 1 percent slopes	Pullman				5	0.37	6	3E	48	1.5	6.7	NO
HALE	30	PuB	Pullman clay loam, 1 to 3 percent slopes	Pullman				5	0.37	6	3E	48	2.5	6.7	NO

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
HALE	31	Ra	Randall clay	Randall				5	0.32	4	6W	86	1.3	12.0	YES
HALE	32	SpB	Springer loamy fine sand, 0 to 3 percent slopes	Springer				5	0.17	2	3E	134	1.1	18.8	YES
HALE	33	Tv	Tivoli fine sand	Tivoli (Circleback)				5	0.17	1	7E	310	2.7	43.4	YES
HALE	34	Ww	Water	Water				5	0.00	0	0	0	0.0	0.0	NO
HALE	35	ZmA	Zita loam, 0 to 1 percent slopes	Zita				4	0.28	5	3E	56	1.4	9.8	YES
HALE	36	ZmB	Zita loam, 1 to 3 percent slopes	Zita				4	0.28	5	3E	56	2.4	9.8	YES

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
HALL	1	AbA	Abilene clay loam, 0 to 1 percent slopes	Abilene				5	0.37	6	2C	48	1.8	6.2	NO
HALL	2	AbB	Abilene clay loam, 1 to 3 percent slopes	Abilene				5	0.37	6	2E	48	3.0	6.2	NO
HALL	3	AD	Active Dunes	Active Dunes				5	0.15	1	8S	310	4.4	40.3	YES
HALL	4	AlA	Altus fine sandy loam, 0 to 1 percent slopes	Altus				5	0.24	3	2E	86	1.1	11.2	YES
HALL	5	ArB	Arch and Cottonwood soils, 0 to 3 percent slopes	Arch (Acme)				1	0.32	4	3E	86	11.6	55.9	YES
HALL	6	ArB	Arch and Cottonwood soils, 0 to 3 percent slopes	Cottonwood				1	0.32	4	3E	86	11.6	55.9	YES
HALL	7	Bf	Brownfield fine sand, thin surface	Brownfield (Delwin)				5	0.15	2	3E	134	1.1	17.4	YES
HALL	8	Br	Brownfield fine sand, thick surface	Brownfield (Heatley)				5	0.17	1	4E	310	1.2	40.3	YES
HALL	9	CaB	Carey loam, 1 to 3 percent slopes	Carey				5	0.43	6	2E	48	3.4	6.2	NO
HALL	10	CaC	Carey loam, 3 to 5 percent slopes	Carey				5	0.43	6	3E	48	7.3	6.2	NO
HALL	11	EfA	Enterprise fine sandy loam, 0 to 1 percent slopes	Enterprise (Hardeman)				5	0.24	3	2E	86	1.1	11.2	YES
HALL	12	EfB	Enterprise fine sandy loam, 1 to 3 percent slopes	Enterprise (Hardeman)				5	0.24	3	3E	86	1.9	11.2	YES
HALL	13	EfC	Enterprise fine sandy loam, 3 to 5 percent slopes	Enterprise (Hardeman)				5	0.24	3	3E	86	4.1	11.2	YES
HALL	14	Eh	Enterprise soils, Wind-Hummocky	Enterprise (Hardeman)				5	0.24	3	3E	86	4.1	11.2	YES
HALL	15	EmA	Enterprise very fine sand, 0 to 1 percent slopes	Enterprise				5	0.43	3	2C	86	2.0	11.2	YES
HALL	16	EmB	Enterprise very fine sand, 1 to 3 percent slopes	Enterprise				5	0.43	3	2E	86	3.4	11.2	YES
HALL	17	EmC	Enterprise very fine sand, 3 to 5 percent slopes	Enterprise				5	0.43	3	3E	86	7.3	11.2	YES
HALL	18	EmD	Enterprise very fine sand, 5 to 12 percent slopes	Enterprise				5	0.43	3	6E	86	14.1	11.2	YES
HALL	19	Gr	Gravelly Broken Land	Gravelly Broken Land (Polar)				2	0.10	8	6S	1	7.3	0.3	NO
HALL	20	Gt	Guadalupe and Tipton soils	Guadalupe				4	0.28	3	2W	86	1.7	14.0	YES
HALL	21	Gt	Guadalupe and Tipton soils	Tipton (Texroy)				5	0.24	3	3E	86	1.1	11.2	YES
HALL	22	LaD	Latom stony loam, 3 to 12 percent slopes	Latom				1	0.15	8	7S	1	21.9	0.7	YES
HALL	23	Ld	Loamy Alluvial Land, depressed	loam Alluvial				5	0.28	6	5W	48	1.3	6.2	NO
HALL	24	Ly	Lincoln and Yahola soils	Lincoln				5	0.17	2	5W	134	0.8	17.4	YES
HALL	25	Ly	Lincoln and Yahola soils	Yahola				5	0.20	3	2W	86	1.0	11.2	YES
HALL	26	MaB	Mansker fine sandy loam, 0 to 3 percent slopes	Mansker (Veal)				4	0.24	3	4E	86	2.2	14.0	YES
HALL	27	MaC	Mansker fine sandy loam, 3 to 5 percent slopes	Mansker (Veal)				3	0.24	3	4E	86	6.8	18.6	YES

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
HALL	28	MaD	Mansker fine sandy loam, 5 to 12 percent slopes	Mansker (Veal)				3	0.24	3	6E	86	13.1	18.6	YES
HALL	29	MfA	Miles fine sandy loam, 0 to 1 percent slopes	Miles				5	0.24	3	2E	86	1.1	11.2	YES
HALL	30	MfB	Miles fine sandy loam, 1 to 3 percent slopes	Miles				5	0.24	3	3E	86	1.9	11.2	YES
HALL	31	MfC	Miles fine sandy loam, 3 to 5 percent slopes	Miles				5	0.24	3	3E	86	4.1	11.2	YES
HALL	32	MfD	Miles fine sandy loam, 5 to 8 percent slopes	Miles				5	0.24	3	4E	86	5.9	11.2	YES
HALL	33	MmB	Miles loamy fine sand, 0 to 3 percent slopes	Miles				5	0.20	2	3E	134	1.5	17.4	YES
HALL	34	MmC	Miles loamy fine sand, 3 to 5 percent slopes	Miles				5	0.20	2	4E	134	3.4	17.4	YES
HALL	35	Nb	Nobscot fine sand	Nobscot				5	0.17	2	4E	134	5.0	17.4	YES
HALL	36	OtA	Olton loam, 0 to 1 percent slopes	Olton (Bukreek)				5	0.28	5	2C	56	1.3	7.3	NO
HALL	37	OtB	Olton loam, 1 to 3 percent slopes	Olton (Bukreek)				5	0.28	5	2E	56	2.2	7.3	NO
HALL	38	Qw	Quinlan-Woodard complex	Quinlan				2	0.37	4	6E	86	19.4	28.0	YES
HALL	39	Qw	Quinlan-Woodard complex	Woodard				3	0.37	4	6E	86	13.0	18.6	YES
HALL	40	Rb	Rough Broken Land	Rough Broken				5	0.24	3	7E	86	14.7	11.2	YES
HALL	41	Sa	Sandy Alluvial Land	Sandy Alluvial Land (Lincoln)				5	0.17	2	5W	134	0.8	17.4	YES
HALL	42	Sb	Springer loamy fine sand, hummocky	Springer				5	0.17	2	4E	134	2.9	17.4	YES
HALL	43	Sf	Springer loamy fine sand, undulating	Springer				5	0.17	2	3E	134	3.6	17.4	YES
HALL	44	Sf3	Springer soils, severely eroded	Springer				5	0.17	2	6E	134	2.9	17.4	YES
HALL	45	Sm	Spur loam,	Spur				5	0.28	6	2C	48	1.3	6.2	NO
HALL	46	So	Spur and Yahola soils	Spur				5	0.24	3	5W	86	1.1	11.2	YES
HALL	47	So	Spur and Yahola soils	Yahola				5	0.20	3	5W	86	1.0	11.2	YES
HALL	48	SpA	St. Paul silt loam, 0 to 1 percent slopes	St. Paul				5	0.37	6	2C	48	1.8	6.2	NO
HALL	49	SpB	St. Paul silt loam, 1 to 2 percent slopes	St. Paul				5	0.37	6	2E	48	3.0	6.2	NO
HALL	50	TpA	Tipton loam, 0 to 1 percent slopes	Tipton (Texroy)				5	0.32	5	2C	56	1.5	7.3	NO
HALL	51	TpB	Tipton loam, 1 to 3 percent slopes	Tipton (Texroy)				5	0.32	5	2E	56	2.6	7.3	NO
HALL	52	Ts	Tipton loam, somewhat poorly drained	Tipton (Texroy)				5	0.32	5	2C	56	1.5	7.3	NO
HALL	53	Tv	Tivoli fine sand	Tivoli				5	0.17	1	7E	310	3.6	40.3	YES
HALL	54	WeB	Weymouth loam, 1 to 3 percent slopes	Weymouth				3	0.32	4	3E	86	4.3	18.6	YES
HALL	55	WeC	Weymouth loam, 3 to 5 percent slopes	Weymouth				3	0.32	4	4E	86	9.1	18.6	YES
HALL	56	WoB	Woodward loam, 1 to 3 percent slopes	Woodard				3	0.37	4	2E	86	4.9	18.6	YES
HALL	57	WoC	Woodward loam, 3 to 5 percent slopes	Woodard				3	0.37	4	3E	86	10.5	18.6	YES
HALL	58	Ww	Water	Water				0	0.00	0	0	0	0.0	0.0	NO
HALL	59	WwD	Woodward-Quinlan loams, 5 to 12 percent slopes	Woodard				3	0.37	4	6E	86	20.2	18.6	YES
HALL	60	WwD	Woodward-Quinlan loams, 5 to 12 percent slopes	Quinlan				2	0.37	4	6E	86	30.3	28.0	YES
HALL	61	Yf	Yahola fine sandy loam	Yahola				5	0.20	3	2W	86	1.0	11.2	YES
HALL	62	Yv	Yahola very fine sandy loam	Yahola (Yomont)				5	0.49	3	2W	86	2.3	11.2	YES

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
HANSFORD	1	BaB	Bippus clay loam, 1 to 3 percent slopes	Bippus (Mobeetie)				3	0.24	3	4E	86	2.7	25.8	YES
HANSFORD	2	BAC	Bippus clay loam, 3 to 8 percent slopes	Bippus (Mobeetie)				3	0.24	3	4E	86	5.9	25.8	YES
HANSFORD	3	BbB	Bippus fine sandy loam, 1 to 3 percent slopes	Bippus (Mobeetie)				3	0.28	3	6E	86	8.4	25.8	YES
HANSFORD	4	BbC	Bippus fine sandy loam, 3 to 5 percent slopes	Bippus (Manzano)				5	0.32	6	4E	48	2.2	8.6	YES
HANSFORD	5	BbD	Bippus clay loam, 3 to 8 percent slopes	Bippus (Berthoud)				5	0.28	4	6E	86	5.0	15.5	YES
HANSFORD	6	DaA	Dalhart fine sandy loam, 0 to 1 percent slopes	Dalhart				5	0.24	3	3E	86	1.0	15.5	YES
HANSFORD	7	DaB	Dalhart fine sandy loam, 1 to 3 percent slopes	Dalhart				5	0.24	3	3E	86	1.6	15.5	YES
HANSFORD	8	DbA	Dalhart sandy clay loam, 0 to 1 percent slopes	Dalhart (Dumas)				5	0.32	5	3E	56	1.3	10.1	YES
HANSFORD	9	DbB	Dalhart sandy clay loam, 1 to 3 percent slopes	Dalhart (Dumas)				5	0.32	5	3E	56	2.2	10.1	YES
HANSFORD	10	LaC	Likes loamy fine sand, 1 to 8 percent slopes	Likes				5	0.15	2	6E	134	2.4	24.1	YES
HANSFORD	11	MaA	Mansker clay loam, 0 to 1 percent slopes	Mansker (Conlen)				3	0.32	4	4E	86	2.2	25.8	YES
HANSFORD	12	MaB	Mansker clay loam, 1 to 3 percent slopes	Mansker (Conlen)				3	0.32	4	4E	86	3.6	25.8	YES
HANSFORD	13	MaC	Mansker clay loam, 3 to 6 percent slopes	Mansker (Conlen)				3	0.32	4	4E	86	7.9	25.8	YES
HANSFORD	14	PaA	Portales silty clay loam, 0 to 1 percent slopes	Portales (Sunray)				5	0.32	4	3E	86	1.3	15.5	YES
HANSFORD	15	PaB	Portales silty clay loam, 1 to 3 percent slopes	Portales (Sunray)				5	0.32	4	3E	86	2.2	15.5	YES
HANSFORD	16	PbC	Potter soils, 0 to 8 percent slopes	Potter (Pastura)				1	0.37	8	7S	1	28.6	0.9	YES
HANSFORD	17	PbF	Potter soils, 8 to 30 percent slopes	Potter (Pastura)				1	0.20	8	7S	1	107.9	0.9	YES
HANSFORD	18	PcC	Potter-Mansker soils, 0 to 8 percent slopes	Potter (Pastura)				1	0.37	8	7S	1	28.6	0.9	YES
HANSFORD	19	PcC	Potter-Mansker soils, 0 to 8 percent slopes	Mansker (Conlen)				5	0.32	4	4E	86	1.3	15.5	YES
HANSFORD	20	PdA	Pullman silty clay loam, 0 to 1 percent slopes	Pullman (Sherm)				5	0.37	7	3E	38	1.5	6.8	NO
HANSFORD	21	PdB	Pullman silty clay loam, 1 to 3 percent slopes	Pullman (Sherm)				5	0.37	7	3E	38	2.5	6.8	NO
HANSFORD	22	PdB2	Pullman silty clay loam, 1 to 3 percent slopes, eroded	Pullman (Sherm)				5	0.37	7	4E	38	2.5	6.8	NO
HANSFORD	23	Ra	Randall clay	Randall (Ness)				5	0.28	4	6W	86	1.1	15.5	YES
HANSFORD	24	Sa	Sandy Alluvial Land	Sandy Alluvial Land				5	0.17	2	5W	134	0.7	24.1	YES
HANSFORD	25	Sb	Spur clay loam, High	Spur				5	0.28	6	2C	48	1.1	8.6	YES
HANSFORD	26	Sc	Spur clay loam, Low	Spur				5	0.28	6	5W	48	1.1	8.6	YES
HANSFORD	27	Sd	Spur fine sandy loam, High	Spur				5	0.24	3	3E	86	1.0	15.5	YES
HANSFORD	28	Se	Spur fine sandy loam, Low	Spur (Dalupe)				5	0.24	3	5W	86	1.0	15.5	YES
HANSFORD	29	Sf	Spur soils	Spur				5	0.28	6	5W	48	1.1	8.6	YES
HANSFORD	30	SG	Stony Rough Land, Potter Material	Stony Rough Land				1	0.20	5	7S	56	21.2	50.4	YES
HANSFORD	31	VaB	Vona loamy fine sand, 1 to 5 percent slopes	Vona				5	0.15	2	6E	134	1.9	24.1	YES
HANSFORD	32	ZaA	Zita silty clay loam, 0 to 1 percent slopes	Zita (Capps)				4	0.32	6	3E	48	1.6	10.8	YES
HANSFORD	33	ZaB	Zita silty clay loam, 1 to 3 percent slopes	Zita (Capps)				4	0.32	6	3E	48	2.7	10.8	YES

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
HARDEMAN	1	5	Gravel Pits	Gravel Pits				1	0.10	8	8S	1	76.2	0.5	YES
HARDEMAN	2	5	Gypsum Mines	Gypsum Mines				1	0.10	8	8S	1	76.2	0.5	YES
HARDEMAN	3	AbA	Abilene clay loam, 0 to 1 percent slopes	Abilene				5	0.37	6	2C	48	2.1	4.3	NO

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
HARDEMAN	4	AbB	Abilene clay loam, 1 to 3 percent slopes	Abilene				5	0.37	6	2E	48	3.6	4.3	NO
HARDEMAN	5	AcA	Abilene clay loam, saline, 0 to 1 percent slopes	Abilene (Deandale, Saline)				5	0.43	6	6S	48	2.5	4.3	NO
HARDEMAN	6	Ad	Acme-Cottonwood complex	Acme				1	0.32	4	3E	86	33.2	38.7	YES
HARDEMAN	7	Ad	Acme-Cottonwood complex	Cottonwood				1	0.32	4	6S	86	33.2	38.7	YES
HARDEMAN	8	Ae	Active Dunes	Active Dunes				5	0.15	1	8S	310	5.3	27.9	YES
HARDEMAN	9	AfA	Acuff loam, 0 to 1 percent slopes	Acuff (Bukreek)				5	0.28	5	2C	56	1.6	5.0	NO
HARDEMAN	10	AfB	Acuff loam, 1 to 3 percent slopes	Acuff (Bukreek)				5	0.28	5	2E	56	2.7	5.0	NO
HARDEMAN	11	AlA	Altus fine sandy loam, 0 to 1 percent slopes	Altus				5	0.24	3	2E	86	1.4	7.7	NO
HARDEMAN	12	AtA	Altus fine sandy loam, saline, 0 to 1 percent slopes	Altus				5	0.24	3	2E	86	1.4	7.7	NO
HARDEMAN	13	Ba	Badland	Badland				1	0.37	4	8E	86	255.7	38.7	YES
HARDEMAN	14	CbB	Cobb fine sandy loam, 1 to 3 percent slopes	Cobb				2	0.24	3	3E	86	5.8	19.4	YES
HARDEMAN	15	Cd	Colorado and Spur clay loam	Colorado				5	0.32	6	5W	48	1.8	4.3	NO
HARDEMAN	16	Cd	Colorado and Spur clay loam	Spur				5	0.28	6	5W	48	1.6	4.3	NO
HARDEMAN	17	Ce	Colorado clay loam	Colorado				5	0.32	6	2W	48	1.8	4.3	NO
HARDEMAN	18	Cf	Colorado silt loam	Colorado				5	0.37	5	2W	56	2.1	5.0	NO
HARDEMAN	19	ChB	Cosh fine sandy loam, 1 to 3 percent slopes	Cosh				1	0.24	3	4E	86	11.6	38.7	YES
HARDEMAN	20	Cl	Cosh-Latom complex	Cosh				1	0.24	3	4E	86	21.6	38.7	YES
HARDEMAN	21	Cl	Cosh-Latom complex	Latom				1	0.20	3	7S	86	18.0	38.7	YES
HARDEMAN	22	Ct	Cottonwood-Vernon complex	Cottonwood				1	0.32	4	7S	86	51.1	38.7	YES
HARDEMAN	23	Ct	Cottonwood-Vernon complex	Vernon				3	0.32	4	6E	86	17.0	12.9	YES
HARDEMAN	24	HaA	Hardeman fine sandy loam, 0 to 1 percent slopes	Hardeman				5	0.24	3	2E	86	1.4	7.7	NO
HARDEMAN	25	HaB	Hardeman fine sandy loam, 1 to 3 percent slopes	Hardeman				5	0.24	3	3E	86	2.3	7.7	NO
HARDEMAN	26	HaC	Hardeman fine sandy loam, 3 to 5 percent slopes	Hardeman				5	0.24	3	3E	86	5.0	7.7	NO
HARDEMAN	27	HaE2	Hardeman fine sandy loam, 8 to 30 percent slopes, eroded	Hardeman				5	0.24	3	6E	86	36.7	7.7	YES
HARDEMAN	28	Hg	Hilly Gravelly Land	Hilly Gravelly Land (Hillgrave)				5	0.10	8	6S	1	14.5	0.1	YES
HARDEMAN	29	HoA	Hollister clay loam, 0 to 1 percent slopes	Hollister				5	0.32	6	2C	48	1.8	4.3	NO
HARDEMAN	30	HoB	Hollister clay loam, 1 to 3 percent slopes	Hollister				5	0.32	6	2E	48	3.1	4.3	NO
HARDEMAN	31	La	Latom-Rock Outcrop complex	Latom				1	0.20	3	7S	86	32.0	38.7	YES
HARDEMAN	32	La	Latom-Rock Outcrop complex	Rock Outcrop				0	0.00	0	8S	0	0.0	0.0	NO
HARDEMAN	33	Lc	Lincoln soils	Lincoln				5	0.17	2	5W	134	1.0	12.1	YES
HARDEMAN	34	Ln	Lincoln fine sandy loam	Lincoln				5	0.20	3	4S	86	1.2	7.7	NO
HARDEMAN	35	Lp	Lipan clay	Lipan				5	0.32	4	4W	86	1.8	7.7	NO
HARDEMAN	36	Ma	Mangum clay loam	Mangum				5	0.32	4	2W	86	1.8	7.7	NO
HARDEMAN	37	McB	Mansker clay loam, 1 to 3 percent slopes	Mansker (Shep)				5	0.28	4	4E	86	2.7	7.7	NO
HARDEMAN	38	MfA	Miles fine sandy loam, 0 to 1 percent slopes	Miles				5	0.24	3	2E	86	1.4	7.7	NO
HARDEMAN	39	MfB	Miles fine sandy loam, 1 to 3 percent slopes	Miles				5	0.24	3	3E	86	2.3	7.7	NO
HARDEMAN	40	MfC	Mles fine sandy loam, 3 to 5 percent slopes	Miles				5	0.24	3	3E	86	5.0	7.7	NO
HARDEMAN	41	MfC2	Miles fine sandy loam, 3 to 5 percent slopes, eroded	Miles				5	0.24	3	4E	86	5.0	7.7	NO
HARDEMAN	42	MlB	Miles loamy fine sand, 0 to 3 percent slopes	Miles				5	0.20	2	3E	134	1.8	12.1	YES
HARDEMAN	43	MlC	Miles loamy fine sand, 3 to 5 percent slopes	Miles				5	0.20	2	4E	134	4.1	12.1	YES
HARDEMAN	44	No	Nobscot fine sand, undulating	Nobscot				5	0.17	2	4E	134	4.3	12.1	YES
HARDEMAN	45	OcA	Olton clay loam, 0 to 1 percent slopes	Olton (Sagerton)				5	0.32	6	2C	48	1.8	4.3	NO
HARDEMAN	46	OcB	Olton clay loam, 1 to 3 percent slopes	Olton (Sagerton)				5	0.32	6	2E	48	3.1	4.3	NO
HARDEMAN	47	OlA	Olton loam, 0 to 1 percent slopes	Olton (Sagerton)				5	0.32	6	2C	48	1.8	4.3	NO
HARDEMAN	48	OlB	Olton loam, 1 to 3 percent slopes	Olton (Sagerton)				5	0.32	6	2E	48	3.1	4.3	NO
HARDEMAN	49	PoA	Portales clay loam, 0 to 1 percent slopes	Portales (Rowena)				5	0.32	6	2C	48	1.8	4.3	NO
HARDEMAN	50	QcB	Quanah clay loam, 1 to 3 percent slopes	Quanah				4	0.37	4	2E	86	4.5	9.7	YES
HARDEMAN	51	Qt	Quanah-Talpa complex	Quanah				4	0.37	4	2E	86	4.1	9.7	YES
HARDEMAN	52	Qt	Quanah-Talpa complex	Talpa				1	0.17	8	7S	1	18.6	0.5	YES
HARDEMAN	53	SgB	Springer loamy fine sand, undulating	Springer				5	0.17	2	3E	134	1.5	12.1	YES
HARDEMAN	54	SgD	Springer loamy fine sand, hummocky	Springer				5	0.17	2	4E	134	4.3	12.1	YES
HARDEMAN	55	Sp3	Springer soils, severely eroded	Springer				5	0.17	2	6E	134	4.3	12.1	YES
HARDEMAN	56	Sr	Spur clay loam	Spur				5	0.28	6	2W	48	1.6	4.3	NO
HARDEMAN	57	Ta	Talpa soils	Talpa				1	0.17	8	7S	1	19.4	0.5	YES
HARDEMAN	58	Tc	Talpa-Vernon complex	Talpa				1	0.17	8	7S	1	117.5	0.5	YES
HARDEMAN	59	Tc	Talpa-Vernon complex	Vernon				3	0.32	4	6E	86	17.5	12.9	YES

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
HARDEMAN	60	TmA	Tillman clay loam, 0 to 1 percent slopes	Tillman				5	0.32	6	2S	48	1.8	4.3	NO
HARDEMAN	61	TmB	Tillman clay loam, 1 to 3 percent slopes	Tillman				5	0.32	6	3E	48	3.1	4.3	NO
HARDEMAN	62	Tp	Tipton loam	Tipton				5	0.37	5	1	56	2.1	5.0	NO
HARDEMAN	63	Tv	Tivoli fine sand	Tivoli				5	0.17	1	7E	310	4.3	27.9	YES
HARDEMAN	64	Tw	Treadway clay, overflow	Treadway				1	0.32	4	6S	86	9.2	38.7	YES
HARDEMAN	65	VeB	Vernon clay loam, 1 to 3 percent slopes	Vernon				3	0.32	4	4E	86	5.2	12.9	YES
HARDEMAN	66	Vr	Vernon-Badland complex	Vernon				3	0.32	4	6E	86	17.0	12.9	YES
HARDEMAN	67	Vr	Vernon-Badland complex	Badland				1	0.37	4	8E	86	132.4	38.7	YES
HARDEMAN	68	WeB	Weymouth clay loam, 1 to 3 percent slopes	Weymouth				3	0.32	4	3E	86	5.2	12.9	YES
HARDEMAN	69	WvD	Weymouth and Vernon clay loam soils, 3 to 8 percent slopes	Weymouth				3	0.32	4	4E	86	13.6	12.9	YES
HARDEMAN	70	WvD	Weymouth and Vernon clay loam soils, 3 to 8 percent slopes	Vernon				3	0.32	4	6E	86	13.6	12.9	YES
HARDEMAN	71	Ya	Yahola very fine sandy loam	Yahola (Yomont)				5	0.49	3	2W	86	2.8	7.7	NO

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
HARTLEY	1	BeC	Berda loam, 3 to 5 percent slopes	Berda				5	0.28	4	4E	86	3.4	17.2	YES
HARTLEY	2	BeD	Berda loam, 5 to 8 percent slopes	Berda				5	0.28	4	6E	86	4.9	17.2	YES
HARTLEY	3	BpG	Berda-Potter complex, 15 to 50 percent slopes	Berda				5	0.28	4	7E	86	40.7	17.2	YES
HARTLEY	4	BpG	Berda-Potter complex, 15 to 50 percent slopes	Potter				1	0.28	4	7S	86	203.3	86.0	YES
HARTLEY	5	BrD	Berda-Veal association, undulating	Berda				5	0.28	4	6E	86	3.8	17.2	YES
HARTLEY	6	BrD	Berda-Veal association, undulating	Veal				4	0.24	3	6E	86	4.0	21.5	YES
HARTLEY	7	BuA	Bippus clay loam, 0 to 1 percent slopes	Bippus				5	0.28	6	2C	48	1.0	9.6	YES
HARTLEY	8	BuB	Bippus clay loam, 1 to 3 percent slopes	Bippus				5	0.28	6	2E	18	1.6	3.6	NO
HARTLEY	9	Ca	Colorado loam,	Colorado				5	0.37	6	2W	48	1.3	9.6	YES
HARTLEY	10	CoB	Conlen loam, 0 to 3 percent slopes	Conlen				5	0.32	4	4E	86	1.7	17.2	YES
HARTLEY	11	DaB	Dallam loamy fine sand, 0 to 3 percent slopes	Dallam				5	0.20	2	4E	134	1.0	26.8	YES
HARTLEY	12	DfA	Dallam fine sandy loam, 0 to 1 percent slopes	Dallam				5	0.24	3	3E	86	0.8	17.2	YES
HARTLEY	13	DfB	Dallam fine sandy loam, 1 to 3 percent slopes	Dallam				5	0.24	3	3E	86	1.4	17.2	YES
HARTLEY	14	DfC	Dallam fine sandy loam, 3 to 5 percent slopes	Dallam				5	0.24	3	4E	86	2.9	17.2	YES
HARTLEY	15	DuA	Dumas loam, 0 to 1 percent slopes	Dumas				5	0.32	5	3E	56	1.1	11.2	YES
HARTLEY	16	DuB	Dumas loam, 1 to 3 percent slopes	Dumas				5	0.32	5	3E	56	1.8	11.2	YES
HARTLEY	17	GkO	Glenrio-Knoco complex, 3 to 12 percent slopes	Glenrio				1	0.32	4	6E	86	33.4	86.0	YES
HARTLEY	18	GkO	Glenrio-Knoco complex, 3 to 12 percent slopes	Knoco				1	0.37	4	7S	86	38.7	86.0	YES
HARTLEY	19	Gm	Gracemore soils	Gracemore				5	0.32	5	5W	56	1.1	11.2	YES
HARTLEY	20	GrA	Gruver loam, 0 to 1 percent slopes	Gruver				5	0.32	6	3E	48	1.1	9.6	YES
HARTLEY	21	GrB	Gruver loam, 1 to 3 percent slopes	Gruver				5	0.32	6	3E	48	1.8	9.6	YES
HARTLEY	22	Gu	Guadalupe fine sandy loam	Guadalupe				4	0.28	3	2W	86	1.2	21.5	YES
HARTLEY	23	KaB	Karde soils 1 to 3 percent slopes	Karde				5	0.37	4	6E	86	2.1	17.2	YES
HARTLEY	24	KaC	Karde soils, 3 to 5 percent slopes	Karde				5	0.37	4	6E	86	4.5	17.2	YES
HARTLEY	25	Lk	Likes loamy fine sand	Likes				5	0.15	2	6E	134	0.5	26.8	YES
HARTLEY	26	Ln	Lincoln soils	Lincoln				5	0.17	2	5W	134	0.6	26.8	YES
HARTLEY	27	Ma	Mangum clay	Mangum				5	0.32	4	3W	86	1.1	17.2	YES
HARTLEY	28	McB	Mobeetie fine sandy loam, 1 to 3 percent slopes	Mobeetie				3	0.24	3	3E	86	2.3	28.7	YES
HARTLEY	29	MoB	Mobeetie fine sandy loam, 3 to 5 percent slopes	Mobeetie				3	0.24	3	4E	86	4.9	28.7	YES
HARTLEY	30	MoD	Mobeetie fine sandy loam, 5 to 8 percent slopes	Mobeetie				3	0.24	3	6E	86	7.0	28.7	YES
HARTLEY	31	MvD	Moeetie-Veal association, undulating	Mobeetie				3	0.24	3	6E	86	5.4	28.7	YES
HARTLEY	32	MvD	Moeetie-Veal association, undulating	Veal				4	0.24	3	6E	86	4.0	21.5	YES
HARTLEY	33	Ne	Ness clay	Ness				5	0.28	4	6W	86	1.0	17.2	YES
HARTLEY	34	PcB	Perico loamy fine sand, 0 to 3 percent slopes	Perico				5	0.20	2	4E	134	1.0	26.8	YES
HARTLEY	35	PeA	Perico fine sandy loam, 0 to 1 percent slopes	Perico				5	0.24	3	3E	86	0.8	17.2	YES
HARTLEY	36	PeB	Perico fine sandy loam, 1 to 3 percent slopes	Perico				5	0.24	3	3E	86	1.4	17.2	YES
HARTLEY	37	PeC	Perico fine sandy loam, 3 to 5 percent slopes	Perico				5	0.24	3	4E	86	2.9	17.2	YES
HARTLEY	38	PoE	Potter soils, 3 to 15 percent slopes	Potter				1	0.28	4	7S	86	39.8	86.0	YES
HARTLEY	39	RcB	Rickmore loamy fine sand, 0 to 3 percent slopes	Rickmore				5	0.20	2	4E	134	1.0	26.8	YES
HARTLEY	40	RkA	Rickmore fine sandy loam, 0 to 1 percent slopes	Rickmore				5	0.24	3	3E	86	0.8	17.2	YES
HARTLEY	41	SaB	San Jon clay loam, 1 to 3 percent slopes	San Jon				2	0.32	4	6E	86	4.6	43.0	YES
HARTLEY	42	SgD	San Jon-Glenrio complex, 3 to 8 percent slopes	San Jon				2	0.32	4	6E	86	12.0	43.0	YES
HARTLEY	43	SgD	San Jon-Glenrio complex, 3 to 8 percent slopes	Glenrio				1	0.32	4	6E	86	5.4	86.0	YES

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
HARTLEY	44	ShA	Sherm clay loam, 0 to 1 percent slopes	Sherm				5	0.32	6	3E	48	1.1	9.6	YES
HARTLEY	45	Sm	Spur loam,	Spur				5	0.28	6	2W	48	1.0	9.6	YES
HARTLEY	46	SpB	Spurlock fine sandy loam, 0 to 3 percent slopes	Spurlock				5	0.24	3	4E	86	1.2	17.2	YES
HARTLEY	47	SpC	Spurlock fine sandy loam, 3 to 5 percent slopes	Spurlock				5	0.24	3	4E	86	2.9	17.2	YES
HARTLEY	48	SrB	Spurlock soils, undulating	Spurlock				5	0.28	4	4E	86	3.8	17.2	YES
HARTLEY	49	SuA	Sunray clay loam, 0 to 1 percent slopes	Sunray				5	0.32	4	3E	86	1.1	17.2	YES
HARTLEY	50	SuB	Sunray clay loam, 1 to 3 percent slopes	Sunray				5	0.32	4	3E	86	1.8	17.2	YES
HARTLEY	51	TaE	Tascosa Gravelly loam, 3 to 15 percent slopes	Tascosa				4	0.15	8	6S	1	5.3	0.3	NO
HARTLEY	52	Va	Valentine fine sand	Valentine				5	0.15	1	6E	310	0.8	62.0	YES
HARTLEY	53	VcE	Valentine-Spurlock complex, hummocky	Valentine				5	0.15	1	6E	310	0.8	62.0	YES
HARTLEY	54	VcE	Valentine-Spurlock complex, hummocky	Spurlock				5	0.28	4	4E	86	1.5	17.2	YES
HARTLEY	55	VdD	Vingo-Dallam association, undulating	Vingo				5	0.17	2	6E	134	2.3	26.8	YES
HARTLEY	56	VdD	Vingo-Dallam association, undulating	Dallam				5	0.20	2	6E	134	2.7	26.8	YES

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
HEMPHILL	1	AD	Active Dunes	Active Dunes				5	0.15	1	8S	310	4.1	40.3	YES
HEMPHILL	2	BMC	Berda and Mansker loam, soils, 3 to 6 percent slopes	Berda				5	0.28	4	4E	86	4.9	11.2	YES
HEMPHILL	3	BMC	Berda and Mansker loam, soils, 3 to 6 percent slopes	Mansker				3	0.28	4	4E	86	8.1	18.6	YES
HEMPHILL	4	BP	Berda-Potter complex	Berda				5	0.28	4	6E	86	5.3	11.2	YES
HEMPHILL	5	BP	Berda-Potter complex	Potter				1	0.28	4	7S	86	8.2	55.9	YES
HEMPHILL	6	BrB	Bippus clay loam, 1 to 3 percent slopes	Bippus				5	0.28	6	2E	48	2.2	6.2	NO
HEMPHILL	7	BrC	Bippus clay loam, 3 to 5 percent slopes	Bippus				5	0.28	6	3E	48	4.8	6.2	NO
HEMPHILL	8	BuB	Bippus fine sandy loam, 1 to 3 percent slopes	Bippus				5	0.24	3	3E	86	1.9	11.2	YES
HEMPHILL	9	BuC	Bippus fine sandy loam, 3 to 5 percent slopes	Bippus				5	0.24	3	3E	86	4.1	11.2	YES
HEMPHILL	10	DaA	Dalhart fine sandy loam, 0 to 1 percent slopes	Dalhart (Grandfield)				5	0.24	3	2E	86	1.1	11.2	YES
HEMPHILL	11	DaB	Dalhart fine sandy loam, 1 to 3 percent slopes	Dalhart (Grandfield)				5	0.24	3	3E	86	1.9	11.2	YES
HEMPHILL	12	DaC	Dalhart fine sandy loam, 3 to 5 percent slopes	Dalhart (Grandfield)				5	0.24	3	3E	86	4.1	11.2	YES
HEMPHILL	13	DaD	Dalhart fine sandy loam, 5 to 8 percent slopes	Dalhart (Grandfield)				5	0.24	3	4E	86	5.9	11.2	YES
HEMPHILL	14	DhC2	Dalhart soils, 2 to 6 percent slopes , eroded	Dalhart (Grandfield)				5	0.20	2	4E	134	3.2	17.4	YES
HEMPHILL	15	DuA	Dumas loam, 0 to 1 percent slopes	Dumas (Bukreek)				5	0.28	5	2C	56	1.3	7.3	NO
HEMPHILL	16	DuB	Dumas loam, 1 to 3 percent slopes	Dumas (Bukreek)				5	0.28	5	2E	56	2.2	7.3	NO
HEMPHILL	17	DuC	Dumas loam, 3 to 5 percent slopes	Dumas (Bukreek)				5	0.28	5	3E	56	4.8	7.3	NO
HEMPHILL	18	EnA	Enterprise very fine sand, 0 to 1 percent slopes	Enterprise				5	0.43	3	2C	86	2.0	11.2	YES
HEMPHILL	19	EnB	Enterprise very fine sand, 1 to 3 percent slopes	Enterprise				5	0.43	3	2E	86	3.4	11.2	YES
HEMPHILL	20	EnC	Enterprise very fine sand, 3 to 5 percent slopes	Enterprise				5	0.43	3	3E	86	7.3	11.2	YES
HEMPHILL	21	EnD	Enterprise very fine sand, 5 to 8 percent slopes	Enterprise				5	0.43	3	4E	86	10.5	11.2	YES
HEMPHILL	22	Gu	Guadalupe fine sandy loam	Guadalupe				4	0.28	3	2W	86	1.7	14.0	YES
HEMPHILL	23	Lk	Likes loamy fine sand	Likes				5	0.15	2	6E	134	0.7	17.4	YES
HEMPHILL	24	Lm	Likes soils	Likes (Polar)				2	0.10	8	6S	1	1.2	0.3	NO
HEMPHILL	25	Ln	Lincoln soils	Lincoln				5	0.17	2	5W	134	0.8	17.4	YES
HEMPHILL	26	McB	Mansker loam, 1 to 3 percent slopes	Mansker				3	0.28	4	4E	86	3.7	18.6	YES
HEMPHILL	27	MlB	Miles loamy fine sand, 0 to 3 percent slopes	Miles				5	0.20	2	3E	134	1.5	17.4	YES
HEMPHILL	28	MlC	Miles loamy fine sand, 3 to 6 percent slopes	Miles				5	0.20	2	4E	134	3.5	17.4	YES
HEMPHILL	29	MrB	Mobeetie find sandy loam, 1 to 3 percent slopes	Mobeetie				3	0.24	3	3E	86	3.2	18.6	YES
HEMPHILL	30	MrC	Mobeetie find sandy loam, 3 to 5 percent slopes	Mobeetie				3	0.24	3	4E	86	6.8	18.6	YES
HEMPHILL	31	MT	Mobeetie-Likes complex	Mobeetie				3	0.24	3	6E	86	5.9	18.6	YES
HEMPHILL	32	MT	Mobeetie-Likes complex	Likes				5	0.15	2	6E	134	2.2	17.4	YES
HEMPHILL	33	MX	Mobeetie-Potter complex	Mobeetie				3	0.24	3	6E	86	7.5	18.6	YES
HEMPHILL	34	MX	Mobeetie-Potter complex	Potter				1	0.28	4	7S	86	26.3	55.9	YES
HEMPHILL	35	PaB	Patricia fine sand, 0 to 3 percent slopes	Patricia (Delwin)				5	0.15	1	3E	310	1.1	40.3	YES
HEMPHILL	36	Pe	Potter soils	Potter				1	0.28	4	7S	86	26.3	55.9	YES
HEMPHILL	37	PmA	Pullman clay loam, 0 to 1 percent slopes	Pullman				5	0.37	7	3E	38	1.8	4.9	NO
HEMPHILL	38	QuB	Quanah clay loam, 1 to 3 percent slopes	Quanah				4	0.37	4	2E	86	3.7	14.0	YES
HEMPHILL	39	Ra	Randall clay	Randall				5	0.32	4	6W	86	1.5	11.2	YES
HEMPHILL	40	RcA	Richfield clay loam, 0 to 1 percent slopes	Richfield (Darrouzett)				5	0.37	7	3E	38	1.8	4.9	NO

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
HEMPHILL	41	RcB	Richfield clay loam, 1 to 3 percent slopes	Richfield (Darrouzett)				5	0.37	7	3E	38	3.0	4.9	NO
HEMPHILL	42	Ro	Rough Broken Land	Rough Broken Land				5	0.24	3	7E	86	14.7	11.2	YES
HEMPHILL	43	SfB	Springer fine sandy loam, 1 to 3 percent slopes	Springer				5	0.20	3	3E	86	1.6	11.2	YES
HEMPHILL	44	SfC	Springer fine sandy loam, 3 to 5 percent slopes	Springer				5	0.20	3	3E	86	3.4	11.2	YES
HEMPHILL	45	SfD	Springer fine sandy loam, 5 to 8 percent slopes	Springer				5	0.20	3	4E	86	4.9	11.2	YES
HEMPHILL	46	SlB	Springer loamy fine sand, undulating	Springer				5	0.17	2	3E	134	3.2	17.4	YES
HEMPHILL	47	SlC	Springer loamy fine sand, hummocky	Springer				5	0.17	2	4E	134	1.2	17.4	YES
HEMPHILL	48	Sp	Spur clay loam,	Spur				5	0.28	6	2W	48	1.3	6.2	NO
HEMPHILL	49	Su	Spur clay loam, Broken	Spur				5	0.28	6	5W	48	2.0	6.2	NO
HEMPHILL	50	Sw	Sweetwater soils	Sweetwater				3	0.28	7	5W	38	2.2	8.2	YES
HEMPHILL	51	TdA	Tipton silt loam, 0 to 1 percent slopes	Tipton (Texroy)				5	0.32	5	2C	56	1.5	7.3	NO
HEMPHILL	52	ToB	Tipton silt loam, 1 to 3 percent slopes	Tipton (Texroy)				5	0.32	5	2E	56	2.6	7.3	NO
HEMPHILL	53	TtA	Tipton silty clay loam, 0 to 1 percent slopes	Tipton (Texroy)				5	0.32	6	2C	48	1.5	6.2	NO
HEMPHILL	54	TtB	Tipton silty clay loam, 1 to 3 percent slopes	Tipton (Texroy)				5	0.32	6	2E	48	2.6	6.2	NO
HEMPHILL	55	Tv	Tivoli fine sand	Tivoli				5	0.17	1	7E	310	3.2	40.3	YES

All MAP UNITS **APPENDED PRE 1990 SOIL LIST FOR ZONE 1** **3/1/03**

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
Hockley	1	AcA	ACUFF		L	0-1	90	5	.28	6	3e	48	0.6	7.2	No
Hockley	2	AcB	ACUFF		L	1-3	90	5	.28	6	3e	48	1.8	7.2	No
Hockley	3	AfA	AMARILLO		FSL	0-1	90	5	.24	3	3e	86	0.6	12.9	Yes
Hockley	4	AfB	AMARILLO		FSL	1-3	90	5	.24	3	3e	86	1.5	12.9	Yes
Hockley	5	AfC	AMARILLO		FSL	3-5	90	5	.24	3	4e	86	3.2	12.9	Yes
Hockley	6	AMA	AMARILLO		FSL	0-1	53	5	.24	3	3e	86	0.6	12.9	Yes
Hockley	7	AMA	ACUFF		L	0-1	21	5	.28	6	3e	48	0.6	7.2	No
Hockley	8	AOA	OLTON		CL	0-1	22	5	.32	6	3e	48	0.7	7.2	No
Hockley	9	AOA	ACUFF		L	0-1	45	5	.28	6	3e	48	0.6	7.2	No
Hockley	10	APK	ARVANA		FSL	0-1	28	2	.24	3	3e	86	1.4	32.3	Yes
Hockley	11	APK	PEP		L	0-1	23	4	.37	4L	3e	86	1.1	16.1	Yes
Hockley	12	APK	KIMBERSON		GR-L	0-3	13	1	.20	5	7s	56	5.7	42.0	Yes
Hockley	13	ArA	ARCH		L	0-1	90	3	.37	4L	4e	86	1.4	21.5	Yes
Hockley	14	AvA	ARVANA		FSL	0-1	85	2	.24	3	3e	86	1.4	32.3	Yes
Hockley	15	AvB	ARVANA		FSL	1-3	85	2	.24	3	3e	86	3.8	32.3	Yes
Hockley	16	BcA	BIPPUS		CL	0-2	85	5	.28	6	2w	48	1.0	7.2	No
Hockley	17	BeC	BERDA		L	3-5	80	5	.28	4L	4e	86	3.8	12.9	Yes
Hockley	18	BP	BORROW PITS		PG	0-45	100	1	.10	8	8s	0	70.8	0.0	Yes
Hockley	19	BPC	BERDA		L	2-12	42	5	.28	4L	6e	86	6.3	12.9	Yes
Hockley	20	BPC	POTTER		GR-L	2-12	22	1	.15	8	7s	0	16.8	0.0	Yes
Hockley	21	BPC	CRETA		VFSL	1-5	10	3	.24	3	4e	86	4.7	21.5	Yes
Hockley	22	BpD	BERDA		L	2-12	55	5	.28	4L	6e	86	6.3	12.9	Yes
Hockley	23	BpD	POTTER		GR-L	2-12	30	1	.15	8	7s	0	16.8	0.0	Yes
Hockley	24	ChA	CHAPEL		C	0-1	90	5	.32	7	4w	38	0.7	5.7	No
Hockley	25	CtC	CRETA		VFSL	1-5	90	3	.24	3	4e	86	4.7	21.5	Yes
Hockley	26	DRC	DRAKE		L	1-8	90	4	.28	4L	6e	86	5.2	16.1	Yes
Hockley	27	DRE	DRAKE		L	8-20	90	4	.28	4L	6e	86	19.5	16.1	Yes
Hockley	28	EsA	ESTACADO		L	0-1	90	5	.28	5	3e	56	0.6	8.4	Yes
Hockley	29	FrA	FRIONA		L	0-1	85	3	.28	5	3e	56	1.1	14.0	Yes
Hockley	30	KmB	KIMBERSON		GR-L	0-3	85	1	.20	5	7s	56	5.7	42.0	Yes
Hockley	31	LDA	LEVELLAND		FSL	0-2	90	5	.24	3	2w	86	0.9	12.9	Yes
Hockley	32	LDF	LANDFILL		VAR	1-20	100	---	---	---	8s	---	---	---	No
Hockley	33	LeA	LENORAH		FSL	0-1	85	3	.24	3	3e	86	0.9	21.5	Yes
Hockley	34	LoA	LOFTON		CL	0-1	85	5	.32	6	3e	48	0.7	7.2	No
Hockley	35	M-W	Misc. WATER		---	---	---	---	---	---	---	---	---	---	No
Hockley	36	MdA	MIDESSA		FSL	0-1	85	4	.24	3	3e	86	0.7	16.1	Yes
Hockley	37	MdB	MIDESSA		FSL	1-3	85	4	.24	3	3e	86	1.9	16.1	Yes
Hockley	38	MPC	MIDESSA		FSL	3-8	50	4	.24	3	6e	86	5.0	16.1	Yes
Hockley	39	MPC	POSEY		FSL	3-8	35	3	.24	3	6e	86	6.6	21.5	Yes
Hockley	40	MPR	MIDESSA		FSL	0-1	34	4	.24	3	3e	86	0.7	16.1	Yes
Hockley	41	MPR	PORTALES		L	0-1	27	4	.37	4L	3e	86	1.1	16.1	Yes
Hockley	42	MPR	DRAKE		L	1-8	21	4	.28	4L	6e	86	5.2	16.1	Yes
Hockley	43	NtC	NUTIVOLI		FS	3-8	85	5	.15	1	6e	250	2.5	37.5	Yes

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
Hockley	44	OcA	OLTON		CL	0-1	85	5	.32	6	3e	48	0.7	7.2	No
Hockley	45	PAB	PATRICIA		LFS	0-3	50	5	.17	2	4e	134	1.0	20.1	Yes
Hockley	46	PAB	AMARILLO		LFS	0-3	45	5	.15	2	4e	134	0.9	20.1	Yes
Hockley	47	PBM	POSEY		FSL	1-3	50	3	.24	3	3e	86	2.5	21.5	Yes
Hockley	48	PBM	BIPPUS		CL	0-2	19	5	.28	6	2w	48	1.0	7.2	No
Hockley	49	PBM	MIDESSA		FSL	3-8	16	4	.24	3	6e	86	5.0	16.1	Yes
Hockley	50	PeA	PEP		L	0-1	85	4	.37	4L	3e	86	1.1	16.1	Yes
Hockley	51	PeB	PEP		L	1-3	80	4	.37	4L	4e	86	2.9	16.1	Yes
Hockley	52	PGE	POTTER		GR-L	3-20	80	1	.15	8	7s	0	37.3	0.0	Yes
Hockley	53	PoA	PORTALES		L	0-1	90	4	.37	4L	3e	86	1.1	16.1	Yes
Hockley	54	PoB	PORTALES		L	1-3	90	4	.37	4L	4e	86	2.9	16.1	Yes
Hockley	55	PsA	POSEY		FSL	0-1	90	3	.24	3	3e	86	0.9	21.5	Yes
Hockley	56	PsB	POSEY		FSL	1-3	80	3	.24	3	3e	86	2.5	21.5	Yes
Hockley	57	PsC	POSEY		FSL	3-8	80	3	.24	3	6e	86	6.6	21.5	Yes
Hockley	58	PTA	PATRICIA		LFS	0-3	43	5	.17	2	4e	134	1.0	20.1	Yes
Hockley	59	PTA	AMARILLO		LFS	0-3	42	5	.15	2	4e	134	0.9	20.1	Yes
Hockley	60	RcA	RANCO		C	0-1	95	5	.32	7	6w	38	0.7	5.7	No
Hockley	61	SGA	SEAGRAVES		FSL	0-1	90	5	.24	3	4e	86	0.6	12.9	Yes
Hockley	62	ShB	SHARVANA		FSL	0-3	85	1	.24	3	6s	86	6.9	64.5	Yes
Hockley	63	SL	SALT LAKE (INTERMITTENT WATER)		VAR	0-1	100	---	---	---	7w	---	---	---	No
Hockley	64	SpA	SPARENBERG		C	0-1	95	5	.32	7	4w	38	0.7	5.7	No
Hockley	65	TkA	TOKIO		FSL	0-1	90	5	.24	3	3e	86	0.6	12.9	Yes
Hockley	66	TkB	TOKIO		LFS	0-2	90	5	.17	2	4e	134	0.6	20.1	Yes
Hockley	67	W	WATER		---	---	---	---	---	---	---	---	---	---	No
Hockley	68	YeA	YELLOWLAKE		SICL	0-1	80	5	.32	4L	4s	86	0.7	12.9	Yes
Hockley	69	YhE	YELLOWHOUSE		GRV-CL	3-20	85	3	.15	8	7s	0	12.4	0.0	Yes
Hockley	70	ZmA	ZITA		L	0-1	90	5	.28	5	3e	56	0.6	8.4	Yes

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
HUTCHINSON	1	BeB	Berda loam, 1 to 3 percent slopes	Berda				5	0.28	4	3E	86	1.9	13.8	YES
HUTCHINSON	2	BeC	Berda loam, 3 to 5 percent slopes	Berda				5	0.28	4	4E	86	4.1	13.8	YES
HUTCHINSON	3	BpF	Berda-Potter-Caliche Outcrop association, steep	Berda				5	0.28	4	7E	86	52.3	13.8	YES
HUTCHINSON	4	BpF	Berda-Potter-Caliche Outcrop association, steep	Potter				1	0.15	8	7S	1	140.2	0.8	YES
HUTCHINSON	5	BpF	Berda-Potter-Caliche Outcrop association, steep	Caliche Outcrop				1	0.10	8	8S	1	93.5	0.8	YES
HUTCHINSON	6	BsD	Berda and Mansker soils, 5 to 8 percent slopes	Berda				5	0.28	4	6E	86	5.9	13.8	YES
HUTCHINSON	7	BsD	Berda and Mansker soils, 5 to 8 percent slopes	Mansker				3	0.28	4	6E	86	9.8	22.9	YES
HUTCHINSON	8	BvE	Berda and Veal soils, 3 to 15 percent slopes	Berda				5	0.28	4	6E	86	9.4	13.8	YES
HUTCHINSON	9	BvE	Berda and Veal soils, 3 to 15 percent slopes	Veal				4	0.24	3	6E	86	56.1	17.2	YES
HUTCHINSON	10	BxF	Burson Stony loam, steep	Burson				1	0.37	5	7S	56	7.5	44.8	YES
HUTCHINSON	11	Ca	Clairemont silt loam	Clairemont				5	0.43	4	2W	86	1.8	13.8	YES
HUTCHINSON	12	CnA	Conlen loam, 0 to 1 percent slopes	Conlen				5	0.32	4	4E	86	1.3	13.8	YES
HUTCHINSON	13	CnB	Conlen loam, 1 to 3 percent slopes	Conlen				5	0.32	4	4E	86	2.2	13.8	YES
HUTCHINSON	14	CnC	Conlen loam, 3 to 5 percent slopes	Conlen				5	0.32	4	4E	86	4.7	13.8	YES
HUTCHINSON	15	DaA	Dallam fine sandy loam, 0 to 1 percent slopes	Dallam				5	0.24	3	3E	86	1.0	13.8	YES
HUTCHINSON	16	DaB	Dallam fine sandy loam, 1 to 3 percent slopes	Dallam				5	0.24	3	3E	86	1.6	13.8	YES
HUTCHINSON	17	DaC	Dallam fine sandy loam, 3 to 5 percent slopes	Dallam				5	0.24	3	4E	86	3.5	13.8	YES
HUTCHINSON	18	DrB	Dallam-Urban Land complex, 0 to 3 percent slopes	Dallam				5	0.24	3	3E	86	1.5	13.8	YES
HUTCHINSON	19	DrB	Dallam-Urban Land complex, 0 to 3 percent slopes	Urban Land				0	0.00	0	0	0	0.0	0.0	NO
HUTCHINSON	20	DsA	Dumas loam, 0 to 1 percent slopes	Dumas				5	0.32	5	3E	56	1.3	9.0	YES
HUTCHINSON	21	DsB	Dumas loam, 1 to 3 percent slopes	Dumas				5	0.32	5	3E	56	2.2	9.0	YES
HUTCHINSON	22	DuA	Dumas clay loam, 0 to 1 percent slopes	Dumas				5	0.32	5	3E	56	1.3	9.0	YES
HUTCHINSON	23	GrA	Gruver clay loam, 0 to 1 percent slopes	Gruver				5	0.32	6	3E	48	1.3	7.7	NO
HUTCHINSON	24	GrB	Gruver clay loam, 1 to 3 percent slopes	Gruver				5	0.32	6	3E	48	2.2	7.7	NO
HUTCHINSON	25	Hm	Humbarger clay loam	Humbarger				5	0.28	4	2W	86	1.1	13.8	YES
HUTCHINSON	26	Hu	Humbarger clay loam, channeled	Humbarger				5	0.28	4	5W	86	1.1	13.8	YES
HUTCHINSON	27	LkC	Likes loamy fine sand, 1 to 6 percent slopes	Likes				5	0.15	2	6E	134	1.9	21.4	YES
HUTCHINSON	28	Ln	Lincoln soils	Lincoln				5	0.17	2	5W	134	0.7	21.4	YES
HUTCHINSON	29	MbB	Mobeetie fine sandy loam, 1 to 3 percent slopes	Mobeetie				3	0.24	3	3E	86	2.7	22.9	YES
HUTCHINSON	30	MbC	Mobeetie fine sandy loam, 3 to 5 percent slopes	Mobeetie				3	0.24	3	4E	86	5.9	22.9	YES
HUTCHINSON	31	MbD	Mobeetie fine sandy loam, 5 to 12 percent slopes	Mobeetie				3	0.24	3	6E	86	11.2	22.9	YES
HUTCHINSON	32	MvE	Mobeetie and Veal soils, 5 to 20 percent slopes	Mobeetie				3	0.24	3	6E	86	22.2	22.9	YES
HUTCHINSON	33	MvE	Mobeetie and Veal soils, 5 to 20 percent slopes	Veal				4	0.24	3	6E	86	16.6	17.2	YES
HUTCHINSON	34	Ne	Ness clay	Ness				5	0.28	4	6W	86	1.1	13.8	YES

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
HUTCHINSON	35	OaB	Obaro loam, 1 to 3 percent slopes	Obaro				3	0.43	4	3E	86	4.9	22.9	YES
HUTCHINSON	36	OaC	Obaro loam, 3 to 5 percent slopes	Obaro				3	0.43	4	4E	86	10.5	22.9	YES
HUTCHINSON	37	ObD	Obaro-Urban Land complex, 3 to 12 percent slopes	Obaro				3	0.43	4	6E	86	18.0	22.9	YES
HUTCHINSON	38	ObD	Obaro-Urban Land complex, 3 to 12 percent slopes	Urban Land				0	0.00	0	0	0	0.0	0.0	NO
HUTCHINSON	39	OqE	Obaro and Quinlan soils, rolling	Obaro				3	0.43	4	6E	86	29.1	22.9	YES
HUTCHINSON	40	OqE	Obaro and Quinlan soils, rolling	Quinlan				2	0.37	4	6E	86	37.5	34.4	YES
HUTCHINSON	41	PtE	Potter soils, 5 to 20 percent slopes	Potter				1	0.28	4	7S	86	77.6	68.8	YES
HUTCHINSON	42	ShA	Sherm clay loam, 0 to 1 percent slopes	Sherm				5	0.37	7	3E	38	1.5	6.1	NO
HUTCHINSON	43	ShB	Sherm clay loam, 1 to 3 percent slopes	Sherm				5	0.37	7	3E	38	2.5	6.1	NO
HUTCHINSON	44	SuA	Sunray clay loam, 0 to 1 percent slopes	Sunray				5	0.32	4	3E	86	1.3	13.8	YES
HUTCHINSON	45	SuB	Sunray clay loam, 1 to 3 percent slopes	Sunray				5	0.32	4	3E	86	2.2	13.8	YES
HUTCHINSON	46	Sw	Sweetwater soils	Sweetwater				3	0.28	7	5W	38	1.9	10.1	YES
HUTCHINSON	47	TaE	Tascosa Gravelly loam, 3 to 20 percent slopes	Tascosa				4	0.15	8	6S	1	9.8	0.2	YES
HUTCHINSON	48	Tv	Tivoli fine sand	Tivoli				5	0.17	1	7E	310	2.7	49.6	YES
HUTCHINSON	49	VeB	Veal fine sandy loam, 1 to 3 percent slopes	Veal				4	0.24	3	4E	86	2.1	17.2	YES
HUTCHINSON	50	VeC	Veal fine sandy loam, 3 to 5 percent slopes	Veal				4	0.24	3	4E	86	4.4	17.2	YES
HUTCHINSON	51	VuC	Veal-Urban Land complex, 1 to 5 percent slopes	Veal				4	0.24	3	4E	86	3.8	17.2	YES
HUTCHINSON	52	VuC	Veal-Urban Land complex, 1 to 5 percent slopes	Urban Land				0	0.00	0	0	0	0.0	0.0	NO
HUTCHINSON	53	Ya	Yahola fine sandy loam	Yahola				5	0.20	3	2W	86	0.8	13.8	YES

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
KENT	1	AbA	Abilene clay loam, 0 to 1 percent slopes	Abilene				5	0.37	6	2C	48	1.8	5.3	NO
KENT	2	BdA	Berda fine sandy loam, 0 to 1 percent slopes	Berda				5	0.24	3	3E	86	1.1	9.5	YES
KENT	3	BdB	Berda fine sandy loam, 1 to 3 percent slopes	Berda				5	0.24	3	3E	86	1.9	9.5	YES
KENT	4	BdC	Berda fine sandy loam, 3 to 5 percent slopes	Berda				5	0.24	3	4E	86	4.1	9.5	YES
KENT	5	Bk	Breaks and Yahola soils	Breaks				1	0.24	3	7E	86	230.0	47.3	YES
KENT	6	Bk	Breaks and Yahola soils	Yahola (Yomont)				5	0.49	3	5W	86	3.6	9.5	YES
KENT	7	BtB	Brownfield and Tivoli soils, undulating	Brownfield (Heatly)				5	0.17	1	4E	310	3.1	34.1	YES
KENT	8	BtB	Brownfield and Tivoli soils, undulating	Tivoli				5	0.17	1	7E	310	3.1	34.1	YES
KENT	9	Ca	Clairemont silt loam,	Clairemont				5	0.43	4	2W	86	2.0	9.5	YES
KENT	10	Cf	Clairemont and Yahola soils, frequently flooded	Clairemont				5	0.43	4	5W	86	2.0	9.5	YES
KENT	11	Cf	Clairemont and Yahola soils, frequently flooded	Yahola				5	0.20	3	2W	86	1.0	9.5	YES
KENT	12	CmB	Cobb and Miles fine sandy loam, 1 to 3 percent slopes	Cobb				2	0.24	3	3E	86	4.8	23.7	YES
KENT	13	CmB	Cobb and Miles fine sandy loam, 1 to 3 percent slopes	Miles				5	0.24	3	3E	86	1.9	9.5	YES
KENT	14	CmC	Cobb and Miles fine sandy loam, 3 to 5 percent slopes	Cobb				2	0.24	3	3E	86	10.2	23.7	YES
KENT	15	CmC	Cobb and Miles fine sandy loam, 3 to 5 percent slopes	Miles				5	0.24	3	3E	86	4.1	9.5	YES
KENT	16	Co	Cottonwood soils	Cottonwood				1	0.32	4	6S	86	11.6	47.3	YES
KENT	17	EnB	Enterprise very fine sandy loam, 1 to 3 percent slopes	Enterprise				5	0.43	3	2E	86	3.4	9.5	YES
KENT	18	Fr	Frio clay loam	Frio (Bippus)				5	0.28	6	2W	48	1.3	5.3	NO
KENT	19	LaC	Latom soils, rolling	Latom				1	0.10	8	7S	1	10.3	0.6	YES
KENT	20	Ln	Lincoln soils	Lincoln				5	0.17	1	5W	310	0.8	34.1	YES
KENT	21	Ma	Mangum clay	Mangum				5	0.32	4	5W	86	1.5	9.5	YES
KENT	22	MlB	Miles loamy fine sand, 0 to 3 percent slopes	Miles				5	0.20	2	3E	134	1.6	14.7	YES
KENT	23	MlD	Miles loamy fine sand, 3 to 5 percent slopes	Miles				5	0.20	2	4E	134	4.9	14.7	YES
KENT	24	MnA	Miles fine sandy loam, 0 to 1 percent slopes	Miles				5	0.24	3	2E	86	1.1	9.5	YES
KENT	25	MnB	Miles fine sandy loam, 1 to 3 percent slopes	Miles				5	0.24	3	3E	86	1.9	9.5	YES
KENT	26	MnC	Miles fine sandy loam, 3 to 5 percent slopes	Miles				5	0.24	3	3E	86	4.1	9.5	YES
KENT	27	MsC2	Miles soils, 2 to 6 percent slopes, eroded	Miles eroded				5	0.24	3	4E	86	4.1	9.5	YES
KENT	28	Nb	Nobscot and Brownfield soils	Nobscot				5	0.17	2	4E	134	3.1	14.7	YES
KENT	29	Nb	Nobscot and Brownfield soils	Brownfield (Heatly)				5	0.17	1	4E	310	3.1	34.1	YES
KENT	30	NtB	Nobscot and Tivoli soils, undulating	Nobscot				5	0.17	2	4E	134	3.1	14.7	YES
KENT	31	NtB	Nobscot and Tivoli soils, undulating	Tivoli				5	0.17	1	7E	310	3.1	34.1	YES
KENT	32	ObB	Obaro loam, 1 to 3 percent slopes	Obaro				3	0.43	4	3E	86	5.7	15.8	YES
KENT	33	ObC	Obaro loam, 3 to 5 percent slopes	Obaro				3	0.43	4	4E	86	12.2	15.8	YES
KENT	34	OcA	Olton clay loam, 0 to 1 percent slopes	Olton (Sagerton)				5	0.32	6	2C	48	1.5	5.3	NO

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
KENT	35	OcB	Olton clay loam, 1 to 3 percent slopes	Olton (Sagerton)				5	0.32	6	2E	48	2.6	5.3	NO
KENT	36	PaB	Paducah loam, 1 to 3 percent slopes	Paducah				5	0.43	5	2E	56	3.4	6.2	NO
KENT	37	PgB	Polar-Gravelly loam, undulating	Polar				2	0.15	8	6S	1	3.0	0.3	NO
KENT	38	PhD	Polar and Berda soils, hilly	Polar				2	0.15	8	6S	1	9.2	0.3	YES
KENT	39	PhD	Polar and Berda soils, hilly	Berda				5	0.24	3	6E	86	5.9	9.5	YES
KENT	40	QuC	Quinlan soils, sloping	Quinlan				2	0.37	4	6E	86	15.8	23.7	YES
KENT	41	Ra	Randall clay	Randall Varient				5	0.32	7	6W	38	1.5	4.2	NO
KENT	42	Ro	Rough broken Land	Rough broken				5	0.24	3	7E	86	10.1	9.5	YES
KENT	43	SdB	Spade fine sandy loam, 1 to 3 percent slopes	Spade				2	0.24	3	3E	86	4.8	23.7	YES
KENT	44	SdC	Spade fine sandy loam, 3 to 5 percent slopes	Spade				2	0.24	3	4E	86	10.2	23.7	YES
KENT	45	SgB	Springer loamy fine sand, 0 to 3 percent slopes	Springer				5	0.17	2	3E	134	1.4	14.7	YES
KENT	46	SgD	Springer loamy fine sand, 3 to 8 percent slopes	Springer				5	0.17	2	4E	134	4.2	14.7	YES
KENT	47	Tv	Tivoli fine sand	Tivoli				5	0.17	1	7E	310	3.2	34.1	YES
KENT	48	VeC	Vernon soils sloping	Vernon				3	0.37	4	4E	86	12.7	15.8	YES
KENT	49	VrC	Vernon-Badland complex, sloping	Vernon				3	0.37	4	6E	86	12.7	15.8	YES
KENT	50	VrC	Vernon-Badland complex, sloping	Badland				2	0.43	4	8E	86	22.1	23.7	YES
KENT	51	WeB	Weymouth clay loam, 1 to 3 percent slopes	Weymouth				3	0.32	6	3E	48	4.3	8.8	YES
KENT	52	WeC	Weymouth clay loam, 3 to 5 percent slopes	Weymouth				3	0.32	6	4E	48	11.0	8.8	YES
KENT	53	WhB	Wichita silt loam, 1 to 3 percent slopes	Wichita				5	0.32	6	2E	48	2.6	5.3	NO
KENT	54	WhC	Wichita silt loam, 3 to 5 percent slopes	Wichita				5	0.32	6	3E	48	6.6	5.3	NO
KENT	55	WoC	Woodward-Quinlan loam, soils, sloping	Woodward				3	0.37	4	4E	86	12.7	15.8	YES
KENT	56	WoC	Woodward-Quinlan loam, soils, sloping	Quinlan				2	0.37	4	6E	86	19.0	23.7	YES
KENT	57	Ya	Yahola very fine sandy loam	Yahola				5	0.32	3	2W	86	1.5	9.5	YES
KENT	58	Zz	Streams	Streams				1	0.10	6	8S	134	2.4	73.7	YES

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
King	1	AcmA	ACME		L	0-1	100	2	.37	4L	3s	86	3.1	21.5	Yes
King	2	AspC	ASPERMONT		SICL	2-5	100	4	.37	4L	3e	86	8.4	10.8	Yes
King	3	BaKF	BADLAND		BR	2-20	59	2	.43	4	8e	86	74.3	21.5	Yes
King	4	BaKF	KNOCO		C	2-20	25	1	.32	4	7s	38	110.6	19.0	Yes
King	5	BckA	BECKMAN		C	0-1	90	5	.32	4	5w	38	1.1	3.8	No
King	6	CarA	CAREY		L	0-1	100	5	.37	6	2c	48	1.2	4.8	No
King	7	CoKF	COTTONWOOD		L	3-20	55	1	.32	4L	7s	86	115.7	43.0	Yes
King	8	CoKF	KNOCO		CL	3-20	30	1	.37	4L	7s	86	133.8	43.0	Yes
King	9	DelC	DELWIN		S	1-5	100	5	.15	1	4e	220	2.5	22.0	Yes
King	10	DvsD	DEVOL		LS	3-8	100	5	.15	2	4e	134	3.6	13.4	Yes
King	11	EntB	ENTERPRISE		VFSL	1-3	100	5	.43	3	2e	86	3.9	8.6	Yes
King	12	EntC	ENTERPRISE		VFSL	3-5	100	5	.43	3	3e	86	8.4	8.6	Yes
King	13	FikB	FRANKIRK		L	0-2	100	5	.32	6	2e	48	1.7	4.8	No
King	14	FsxA	FOURSIXES		CL	0-1	100	2	.32	6	2s	48	2.7	12.0	Yes
King	15	GdfB	GRANDFIELD		FSL	1-3	90	5	.24	3	2e	86	2.2	8.6	Yes
King	16	GdfC	GRANDFIELD		FSL	3-5	92	5	.24	3	3e	86	4.7	8.6	Yes
King	17	GlsB	GRANDFIELD		LS	0-3	90	5	.20	2	3e	134	1.7	13.4	Yes
King	18	GlsC2	GRANDFIELD		LS	2-5	100	5	.20	2	4e	134	3.6	13.4	Yes
King	19	HrdC	HARDEMAN		FSL	1-5	100	5	.24	3	3e	86	4.1	8.6	Yes
King	20	JlsE	JESTER		LS	3-12	100	5	.15	2	6e	134	5.4	13.4	Yes
King	21	JwiC	JAYWI		SICL	2-5	100	5	.37	4L	4e	86	6.7	8.6	Yes
King	22	KngA	KINGCO		SICL	0-1	100	5	.32	6	2c	48	1.1	4.8	No
King	23	KnVD	KNOCO		C	2-8	35	1	.32	4	7s	38	36.1	19.0	Yes
King	24	KnVD	VERNON		CL	2-8	25	3	.37	4	6e	86	13.9	14.3	Yes
King	25	LncA	LINCOLN		LS	0-1	100	5	.17	1	5w	134	0.6	13.4	Yes
King	26	M-W	Misc. WATER		---	---	---	---	---	---	---	---	---	---	No
King	27	MslA	MILES		FSL	0-1	100	5	.24	3	2e	86	0.8	8.6	Yes
King	28	NipB	NIPSUM		SIC	0-2	100	5	.32	4	2e	86	1.7	8.6	Yes
King	29	NstC	NOBSCOT		S	1-5	100	5	.15	1	4e	220	2.5	22.0	Yes
King	30	OboC	OBARO		L	1-4	100	3	.43	4L	4e	86	8.6	14.3	Yes
King	31	PadB	PADUCAH		L	1-3	100	5	.43	5	2e	56	3.9	5.6	No
King	32	QhTD	QUANAH		SICL	3-5	54	4	.37	4L	3e	86	9.0	10.8	Yes

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
King	33	QhTD	TALPA		GR-L	3-8	36	1	.17	5	7s	56	20.4	28.0	Yes
King	34	QnhB	QUANAH		SICL	1-3	100	4	.37	4L	2e	86	4.2	10.8	Yes
King	35	QuRG	QUINLAN		VFSL	8-50	56	2	.37	3	7e	86	202.6	21.5	Yes
King	36	QuRG	ROCK OUTCROP		BR	8-50	19	---	---	---	8s	---	---	---	No
King	37	RoCG	ROCK OUTCROP		BR	20-45	47	---	---	---	8s	---	---	---	No
King	38	RoCG	COTTONWOOD		L	20-45	39	1	.32	4L	7s	86	429.6	43.0	Yes
King	39	RscA	ROSCOE		C	0-1	85	5	.32	4	3w	38	1.1	3.8	No
King	40	ShrB	SHREWDER		VFSL	1-3	100	5	.32	3	2e	86	2.9	8.6	Yes
King	41	ShrC	SHREWDER		VFSL	3-5	100	5	.32	3	3e	86	6.2	8.6	Yes
King	42	StpA	ST. PAUL		SIL	0-1	100	5	.37	6	2c	48	1.2	4.8	No
King	43	TKRG	TALPA		GR-L	5-30	63	1	.17	5	7s	56	116.1	28.0	Yes
King	44	TKRG	KNOCO		BY-C	5-30	24	1	.17	5	7s	56	116.1	28.0	Yes
King	45	TlvB	TILVERN		CL	1-3	100	4	.32	4	3e	86	3.6	10.8	Yes
King	46	TplC	TALPA		GR-L	1-5	100	1	.17	5	7s	56	14.4	28.0	Yes
King	47	TpQB	TALPA		GR-CL	1-3	41	1	.17	5	7s	56	7.8	28.0	Yes
King	48	TpQB	QUANAH		SICL	0-3	30	4	.37	4L	2e	86	3.8	10.8	Yes
King	49	W	WATER		---	---	---	---	---	---	---	---	---	---	No
King	50	WolC	WOODWARD		L	2-5	100	3	.37	5	3e	56	11.1	9.3	Yes
King	51	WooD	WOODWARD		L	5-8	100	3	.37	5	4e	56	17.3	9.3	Yes
King	52	WoQF	WOODWARD		L	5-15	69	3	.37	5	6e	56	30.7	9.3	Yes
King	53	WoQF	QUINLAN		L	5-15	23	2	.37	5	6e	56	46.0	14.0	Yes
King	54	WQRG	WOODWARD		L	5-30	34	3	.37	5	6e	56	84.3	9.3	Yes
King	55	WQRG	QUINLAN		L	5-45	29	2	.37	5	6e	56	196.0	14.0	Yes
King	56	WQRG	ROUGH BROKEN LAND		BR	8-45	19	5	.24	3	7e	86	52.6	8.6	Yes
King	57	WsfA	WESTOLA		FSL	0-1	90	5	.20	3	5w	86	0.7	8.6	Yes
King	58	WslA	WESTOLA		FSL	0-1	90	5	.20	3	2w	86	0.7	8.6	Yes
King	59	WtdA	WHEATWOOD		L	0-1	100	5	.43	6	5w	48	1.4	4.8	No
King	60	WtlA	WESTILL		CL	0-1	90	5	.32	6	2s	48	1.1	4.8	No
King	61	YmfA	YOMONT		VFSL	0-1	90	5	.49	3	5w	86	1.6	8.6	Yes
King	62	YmvA	YOMONT		VFSL	0-1	90	5	.49	3	2w	86	1.6	8.6	Yes

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
LAMB	1	Ad	Active Dunes	Dune Land				5	0.15	1	8S	310	3.1	46.5	YES
LAMB	2	AfA	Amarillo fine sandy loam, 0 to 1 percent slopes	Amarillo				5	0.24	3	3E	86	0.9	12.9	YES
LAMB	3	AfB	Amarillo fine sandy loam, 1 to 3 percent slopes	Amarillo				5	0.24	3	3E	86	1.5	12.9	YES
LAMB	4	AfC	Amarillo fine sandy loam, 3 to 5 percent slopes	Amarillo				5	0.24	3	4E	86	3.2	12.9	YES
LAMB	5	AlA	Amarillo loam, 0 to 1 percent slopes	Amarillo (Acuff)				5	0.28	6	3E	48	1.0	7.2	NO
LAMB	6	AlB	Amarillo loam, 1 to 3 percent slopes	Amarillo (Acuff)				5	0.28	6	3E	48	1.8	7.2	NO
LAMB	7	AmB	Amarillo loamy fine sand, 0 to 3 percent slopes	Amarillo				5	0.15	2	4E	134	0.9	20.1	YES
LAMB	8	An	Arch fine sandy loam	Arch (Veal)				5	0.24	3	4E	86	1.4	12.9	YES
LAMB	9	Ao	Arch loam	Arch (Veal)				5	0.28	4	4E	86	1.6	12.9	YES
LAMB	10	As	Arch loamy fine sand, overblown	Arch overblown				5	0.20	2	6E	134	1.1	20.1	YES
LAMB	11	AvA	Arvana fine sandy loam, 0 to 1 percent slopes	Arvana				2	0.24	3	3E	86	2.2	32.3	YES
LAMB	12	AvB	Arvana fine sandy loam, 1 to 3 percent slopes	Arvana				2	0.24	3	3E	86	3.8	32.3	YES
LAMB	13	AxA	Arvana fine sandy loam, shallow, 0 to 1 percent slopes	Arvana (Sharvana)				1	0.24	3	6S	86	4.5	64.5	YES
LAMB	14	AxB	Arvana fine sandy loam, shallow, 1 to 3 percent slopes	Arvana (Sharvana)				1	0.24	3	6S	86	5.7	64.5	YES
LAMB	15	BeB	Berthoud fine sandy loam, 1 to 3 percent slopes	Berthoud (Berda)				5	0.24	3	3E	86	1.5	12.9	YES
LAMB	16	BeC	Berthoud fine sandy loam, 3 to 5 percent slopes	Berthoud (Berda)				5	0.24	3	4E	86	3.2	12.9	YES
LAMB	17	BeD	Berthoud fine sandy loam, 5 to 8 percent slopes	Berthoud (Berda)				5	0.24	3	6E	86	4.6	12.9	YES
LAMB	18	BhB	Berthoud loam, 1 to 3 percent slopes	Berthoud (Berda)				5	0.28	4	3E	86	1.8	12.9	YES
LAMB	19	BhC	Berthoud loam, 3 to 5 percent slopes	Berthoud (Berda)				5	0.28	4	4E	86	3.8	12.9	YES
LAMB	20	Br	Brownfield fine sand, thick surface	Brownfield				5	0.15	1	6E	310	0.9	46.5	YES
LAMB	21	Ch	Curuch, clay loam	Church (Lipan)				5	0.28	4	4W	86	1.0	12.9	YES
LAMB	22	DrB	Drake soils, 1 to 3 percent slopes	Drake				5	0.28	4	4E	86	1.8	12.9	YES
LAMB	23	DrC	Drake soils, 3 to 5 percent slopes	Drake				5	0.28	4	6E	86	3.8	12.9	YES
LAMB	24	DrE	Drake soils, 5 to 20 percent slopes	Drake				5	0.28	4	6E	86	14.2	12.9	YES

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
LAMB	25	Km	Kimbrough soils	Kimbrough				1	0.15	4	7S	86	8.7	64.5	YES
LAMB	26	Le	Lea clay loam	Lea (Friona)				2	0.28	5	3E	56	2.6	21.0	YES
LAMB	27	Lk	Likes loamy fine sand, undulating	Likes				5	0.15	2	6E	134	2.5	20.1	YES
LAMB	28	Lo	Lofton clay loam	Lofton				5	0.32	6	3E	48	1.2	7.2	NO
LAMB	29	Lu	Lubbock fine sandy loam, 0 to 1 percent slopes	Lubbock (Zita)				5	0.24	3	3E	86	1.4	12.9	YES
LAMB	30	MfA	Mansker fine sandy loam, 0 to 1 percent slopes	Mansker (Veal)				5	0.24	3	4E	86	0.9	12.9	YES
LAMB	31	MfB	Mansker fine sandy loam, 1 to 3 percent slopes	Mansker (Veal)				5	0.24	3	4E	86	1.5	12.9	YES
LAMB	32	MfC	Mansker fine sandy loam, 3 to 5 percent slopes	Mansker (Veal)				4	0.24	3	4E	86	4.0	16.1	YES
LAMB	33	MfD	Mansker fine sandy loam, 5 to 8 percent slopes	Mansker (Veal)				5	0.24	3	6E	86	4.6	12.9	YES
LAMB	34	MkA	Mansker loam, 0 to 1 percent slopes	Mansker				5	0.08	4	4E	86	0.3	12.9	YES
LAMB	35	MkB	Mansker loam, 1 to 3 percent slopes	Mansker				3	0.08	4	4E	86	0.8	21.5	YES
LAMB	36	MkC	Mansker loam, 3 to 5 percent slopes	Mansker				5	0.08	4	4E	86	1.1	12.9	YES
LAMB	37	MkD	Mansker loam, 5 to 8 percent slopes	Mansker				5	0.08	4	6E	86	1.5	12.9	YES
LAMB	38	OtA	Olton loam, 0 to 1 percent slopes	Olton				5	0.32	6	3E	48	1.2	7.2	NO
LAMB	39	OtB	Olton loam, 1 to 2 percent slopes	Olton				5	0.32	6	3E	48	1.7	7.2	NO
LAMB	40	PfA	Portales fine sandy loam, 0 to 1 percent slopes	Portales (Midessa)				5	0.24	3	4E	86	0.9	12.9	YES
LAMB	41	PfB	Portales fine sandy loam, 1 to 3 percent slopes	Portales (Midessa)				5	0.24	3	4E	86	1.5	12.9	YES
LAMB	42	PmA	Portales loam, 0 to 1 percent slopes	Portales				5	0.37	4	3E	86	1.4	12.9	YES
LAMB	43	PmB	Portales loam, 1 to 3 percent slopes	Portales				5	0.37	4	4E	86	2.3	12.9	YES
LAMB	44	Pn	Portales loamy fine sand, overblown	Portales (Gomez)				5	0.17	2	6E	134	0.6	20.1	YES
LAMB	45	PsC	Potter soils, 1 to 8 percent slopes	Potter				1	0.15	8	7S	1	11.1	0.8	YES
LAMB	46	PsE	Potter soils, 8 to 30 percent slopes	Potter				1	0.15	8	7S	1	74.2	0.8	YES
LAMB	47	Ra	Randall clay	Randall Varient ?				5	0.32	7	6W	38	1.2	5.7	NO
LAMB	48	Rf	Randall fine sandy loam	Randall				5	0.24	3	4W	86	0.9	12.9	YES
LAMB	49	Sf	Springer fine sandy loam, undulating	Springer				5	0.20	3	3E	86	3.3	12.9	YES
LAMB	50	Sg	Springer fine sandy loam, hummocky	Springer				5	0.20	3	6E	86	3.3	12.9	YES
LAMB	51	Sh	Springer loamy fine sand, hummocky	Springer				5	0.17	2	6E	134	2.8	20.1	YES
LAMB	52	Sp	Spur fine sandy loam	Spur				5	0.24	3	2W	86	0.9	12.9	YES
LAMB	53	Sr	Spur loam	Spur				5	0.28	6	2W	48	1.0	7.2	NO
LAMB	54	Tv	Tivoli fine sand	Tivoli (Circleback)				5	0.17	1	7E	310	3.9	46.5	YES
LAMB	55	ZfA	Zita fine sandy loam, 0 to 1 percent slopes	Zita				5	0.24	3	3E	86	0.9	12.9	YES
LAMB	56	ZfB	Zita fine sandy loam, 1 to 3 percent slopes	Zita				5	0.24	3	3E	86	1.5	12.9	YES
LAMB	57	ZmA	Zita loam, 0 to 1 percent slopes	Zita				5	0.28	5	3E	56	1.0	8.4	YES
LAMB	58	ZmB	Zita loam, 1 to 2 percent slopes	Zita				5	0.28	5	3E	56	1.4	8.4	YES
LAMB	59	Zo	Zita loamy fine sand, overblown	Zita overblown				5	0.17	2	6E	134	0.8	20.1	YES
LAMB	60	ZX	Water	Water				0	0.00	0	0	0	0.0	0.0	NO
LAMB	61	ZZ	Salt Lakes	Salt Lakes				0	0.00	0	8S	0	0.0	0.0	NO

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
LIPSCOMB	1	AcB	Acuff loam, 1 to 3 percent slopes	Acuff				5	0.28	5	3E	56	2.2	7.8	NO
LIPSCOMB	2	AcC	Acuff loam, 3 to 5 percent slopes	Acuff				5	0.32	5	4E	56	5.5	7.8	NO
LIPSCOMB	3	AlA	Altus fine sandy loam, 0 to 1 percent slopes	Altus				5	0.24	3	2E	86	1.1	12.0	YES
LIPSCOMB	4	BdB	Berda loam, 1 to 3 percent slopes	Berda				5	0.28	4	3E	86	2.2	12.0	YES
LIPSCOMB	5	BeD	Berda and Potter soils, rolling	Berda				5	0.28	4	6E	86	10.9	12.0	YES
LIPSCOMB	6	BeD	Berda and Potter soils, rolling	Potter				1	0.15	8	7S	1	29.3	0.7	YES
LIPSCOMB	7	BrA	Bippus clay loam, 0 to 1 percent slopes	Bippus				5	0.28	6	2W	48	1.3	6.7	NO
LIPSCOMB	8	BrB	Bippus clay loam, 1 to 3 percent slopes	Bippus				5	0.28	6	2E	48	2.2	6.7	NO
LIPSCOMB	9	BuB	Bippus fine sandy loam, 1 to 3 percent slopes	Bippus				5	0.24	3	3E	86	1.9	12.0	YES
LIPSCOMB	10	DaA	Darrouzett silty clay loam, 0 to 1 percent slopes	Darrouzett				5	0.37	7	3E	38	1.8	5.3	NO
LIPSCOMB	11	DaB	Darrouzett silty clay loam, 1 to 3 percent slopes	Darrouzett				5	0.37	7	3E	38	3.0	5.3	NO
LIPSCOMB	12	DaC	Darrouzett silty clay loam, 3 to 5 percent slopes	Darrouzett				5	0.37	7	4E	38	6.3	5.3	NO
LIPSCOMB	13	DeD	Devol loamy fine sand, 3 to 8 percent slopes	Devol				5	0.17	2	4E	134	3.6	18.8	YES
LIPSCOMB	14	DsC3	Devol and Springer soils, undulating severly eroded	Devol				5	0.17	2	6E	134	3.2	18.8	YES
LIPSCOMB	15	DsC3	Devol and Springer soils, undulating severly eroded	Springer				5	0.17	2	6E	134	3.2	18.8	YES
LIPSCOMB	16	EsB	Estacado silty clay loam, 1 to 3 percent slopes	Estacado				5	0.32	4	3E	86	2.6	12.0	YES
LIPSCOMB	17	EtB	Estacado-Olton complex, 0 to 3 percent slopes	Estacado				5	0.32	4	3E	86	2.3	12.0	YES
LIPSCOMB	18	EtB	Estacado-Olton complex, 0 to 3 percent slopes	Olton				5	0.32	6	3E	48	2.6	6.7	NO
LIPSCOMB	19	GrB	Grandfield fine sandy loam, 1 to 3 percent slopes	Grandfield				5	0.24	3	3E	86	1.9	12.0	YES
LIPSCOMB	20	GrC	Grandfield fine sandy loam, 3 to 5 percent slopes	Grandfield				5	0.24	3	3E	86	4.1	12.0	YES
LIPSCOMB	21	Gu	Guadalupe fine sandy loam	Guadalupe				4	0.28	3	2W	86	0.8	15.1	YES
LIPSCOMB	22	LkC	Likes loamy fine sand, undulating	Likes				5	0.15	2	6E	134	2.8	18.8	YES
LIPSCOMB	23	Ln	Lincoln soils	Lincoln				5	0.20	3	5W	86	1.0	12.0	YES
LIPSCOMB	24	McB	Mansker loam, 1 to 3 percent slopes	Mansker				3	0.28	4	4E	86	3.7	20.1	YES
LIPSCOMB	25	MrB	Mobeetie fine sandy loam, 1 to 3 percent slopes	Mobeetie				3	0.24	3	3E	86	3.2	20.1	YES
LIPSCOMB	26	MrC	Mobeetie fine sandy loam, 3 to 5 percent slopes	Mobeetie				3	0.24	3	4E	86	6.8	20.1	YES
LIPSCOMB	27	MrD	Mobeetie fine sandy loam, 5 to 8 percent slopes	Mobeetie				3	0.24	3	6E	86	9.8	20.1	YES
LIPSCOMB	28	MxD	Mobeetie-Potter association, rolling	Mobeetie				3	0.24	3	6E	86	15.6	20.1	YES
LIPSCOMB	29	MxD	Mobeetie-Potter association, rolling	Potter				1	0.24	3	7S	86	46.9	60.2	YES
LIPSCOMB	30	OlB	Olton clay loam, 1 to 3 percent slopes	Olton				5	0.32	6	3E	48	2.6	6.7	NO
LIPSCOMB	31	OlC	Olton clay loam, 3 to 5 percent slopes	Olton				5	0.32	6	4E	48	5.5	6.7	NO
LIPSCOMB	32	PaA	Paloduro loam, 0 to 1 percent slopes	Paloduro				5	0.28	4	3E	86	1.3	12.0	YES
LIPSCOMB	33	PaB	Paloduro loam, 1 to 3 percent slopes	Paloduro				5	0.28	4	3E	86	2.2	12.0	YES
LIPSCOMB	34	PaC	Paloduro loam, 3 to 5 percent slopes	Paloduro				5	0.28	4	4E	86	4.8	12.0	YES
LIPSCOMB	35	PdC	Paloduro, Veal, and Portales, 3 to 5 percent slopes	Paloduro				5	0.28	4	4E	86	4.8	12.0	YES
LIPSCOMB	36	PdC	Paloduro, Veal, and Portales, 3 to 5 percent slopes	Veal				4	0.28	4	4E	86	6.0	15.1	YES
LIPSCOMB	37	PdC	Paloduro, Veal, and Portales, 3 to 5 percent slopes	Portales (Quanah)				4	0.37	4	3E	86	7.9	15.1	YES

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
LIPSCOMB	38	PoB	Portales clay loam, 1 to 3 percent slopes	Portales (Quanah)				4	0.37	4	2E	86	3.7	15.1	YES
LIPSCOMB	39	PrB	Paloduro, Veal, and Berda, rolling	Paloduro				5	0.28	4	6E	86	10.9	12.0	YES
LIPSCOMB	40	PrB	Paloduro, Veal, and Berda, rolling	Veal				4	0.28	4	6E	86	13.7	15.1	YES
LIPSCOMB	41	PrB	Paloduro, Veal, and Berda, rolling	Berda				5	0.28	4	6E	86	10.9	12.0	YES
LIPSCOMB	42	PrD	Potter soils, rolling	Potter				1	0.28	4	7S	86	54.7	60.2	YES
LIPSCOMB	43	PuA	Pullman silty clay loam, 0 to 1 percent slopes	Pullman (Sherm)				5	0.37	7	3E	38	1.8	5.3	NO
LIPSCOMB	44	PuB	Pullman silty clay loam, 1 to 3 percent slopes	Pullman (Sherm)				5	0.37	7	3E	38	3.0	5.3	NO
LIPSCOMB	45	Ra	Randall clay	Randall (Ness)				5	0.28	4	6W	86	1.3	12.0	YES
LIPSCOMB	46	SlB	Springer loamy fine sand, 0 to 3 percent slopes	Springer				5	0.17	2	3E	134	1.2	18.8	YES
LIPSCOMB	47	Sp	Spur soils	Spur				5	0.28	6	5W	48	1.3	6.7	NO
LIPSCOMB	48	Sw	Sweetwater soils	Sweetwater				3	0.28	7	5W	38	2.2	8.9	YES
LIPSCOMB	49	TpA	Tipton loam, 0 to 1 percent slopes	Tipton (Texroy)				5	0.32	5	2C	56	1.5	7.8	NO
LIPSCOMB	50	TpB	Tipton loam, 1 to 3 percent slopes	Tipton (Texroy)				5	0.32	5	2E	56	2.6	7.8	NO
LIPSCOMB	51	Tv	Tivoli fine sand	Tivoli				5	0.17	1	7E	310	3.2	43.4	YES
LIPSCOMB	52	VeB	Veal loam, 1 to 3 percent slopes	Veal				4	0.28	4	4E	86	2.8	15.1	YES
LIPSCOMB	53	VeC	Veal loam, 3 to 5 percent slopes	Veal				4	0.28	4	4E	86	6.0	15.1	YES

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
LUBBOCK	1	1	Acuff loam, 0 to 1 percent slopes	Acuff				5	0.28	5	3E	56	1.1	7.8	NO
LUBBOCK	2	2	Acuff loam, 1 to 3 percent slopes	Acuff				5	0.28	5	3E	56	1.9	7.8	NO
LUBBOCK	3	3	Acuff-Urban land complex, 0 to 2 percent slopes	Acuff				5	0.28	5	3E	56	1.4	7.8	NO
LUBBOCK	4	3	Acuff-Urban land complex, 0 to 2 percent slopes	Urban Land				0	0.00	0	0	0	0.0	0.0	NO
LUBBOCK	5	4	Amarillo loamy fine sand, 0 to 3 percent slopes	Amarillo				5	0.15	2	4E	134	0.9	18.8	YES
LUBBOCK	6	5	Amarillo fine sandy loam, 0 to 1 percent slopes	Amarillo				5	0.24	3	3E	86	1.0	12.0	YES
LUBBOCK	7	6	Amarillo fine sandy loam, 1 to 3 percent slopes	Amarillo				5	0.24	3	3E	86	1.6	12.0	YES
LUBBOCK	8	7	Amarillo-Urban land complex, 0 to 2 percent slopes	Amarillo				5	0.24	3	3E	86	1.2	12.0	YES
LUBBOCK	9	7	Amarillo-Urban land complex, 0 to 2 percent slopes	Urban Land				0	0.00	0	0	0	0.0	0.0	NO
LUBBOCK	10	8	Arch loam, 0 to 3 percent slopes	Arch (Veal)				4	0.28	4	4E	86	2.6	15.1	YES
LUBBOCK	11	9	Arents and Pits	Arents				5	0.32	4	7E	86	5.3	12.0	YES
LUBBOCK	12	9	Arents and Pits	Pits				1	0.10	8	8S	1	7.7	0.7	NO
LUBBOCK	13	10	Berda loam, 1 to 3 percent slopes	Berda				5	0.28	4	3E	86	1.1	12.0	YES
LUBBOCK	14	11	Berda loam, 3 to 5 percent slopes	Berda				5	0.28	4	4E	86	4.1	12.0	YES
LUBBOCK	15	12	Berda-Potter association, hilly	Berda				5	0.28	4	6E	86	18.0	12.0	YES

All MAP UNITS APPENDED PRE 1990 SOIL LIST FOR ZONE 1 3/1/03

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
LUBBOCK	16	12	Berda-Potter association, hilly	Potter				1	0.15	8	7S	1	48.2	0.7	YES
LUBBOCK	17	13	Bippus fine sandy loam, frequently flooded	Bippus				5	0.24	3	5W	86	1.0	12.0	YES
LUBBOCK	18	14	Bippus clay loam, occasionally flooded	Bippus				5	0.28	6	2W	48	1.1	6.7	NO
LUBBOCK	19	15	Bippus clay loam, frequently flooded	Bippus				5	0.28	6	5W	48	1.1	6.7	NO
LUBBOCK	20	16	Drake clay loam, 1 to 3 percent slopes	Drake				5	0.32	4	4E	86	330.7	12.0	YES
LUBBOCK	21	17	Drake clay loam, 3 to 5 percent slopes	Drake				5	0.32	4	6E	86	4.7	12.0	YES
LUBBOCK	22	18	Estacado clay loam, 0 to 1 percent slopes	Estacado				5	0.32	4	3E	86	1.3	12.0	YES
LUBBOCK	23	19	Estacado clay loam, 1 to 3 percent slopes	Estacado				5	0.32	4	3E	86	2.2	12.0	YES
LUBBOCK	24	20	Estacado-Urban land complex, 0 to 2 percent slopes	Estacado				5	0.32	4	3E	86	1.6	12.0	YES
LUBBOCK	25	20	Estacado-Urban land complex, 0 to 2 percent slopes	Urban				0	0.00	0	0	0	0.0	0.0	NO
LUBBOCK	26	21	Friona loam, 0 to 1 percent slopes	Friona				3	0.28	5	3E	56	1.9	13.1	YES
LUBBOCK	27	22	Kimbrough loam, 0 to 3 percent slopes	Kimbrough				1	0.37	4	6S	86	11.5	60.2	YES
LUBBOCK	28	23	Lofton clay loam, 0 to 1 percent slopes	Lofton				5	0.32	6	3E	48	1.3	6.7	NO
LUBBOCK	29	24	Mansker clay loam, 1 to 3 percent slopes	Mansker				3	0.28	4	4E	86	3.2	20.1	YES
LUBBOCK	30	25	Mansker clay loam, 3 to 5 percent slopes	Mansker				3	0.28	4	4E	86	6.8	20.1	YES
LUBBOCK	31	26	Midessa fine sandy loam, 1 to 3 percent slopes	Midessa				3	0.24	3	3E	86	2.7	20.1	YES
LUBBOCK	32	27	Mobeetie fine sandy loam, 1 to 3 percent slopes	Mobeetie				3	0.24	3	3E	86	2.7	20.1	YES
LUBBOCK	33	28	Mobeetie fine sandy loam, 3 to 5 percent slopes	Mobeetie				3	0.24	3	4E	86	5.9	20.1	YES
LUBBOCK	34	29	Mobeetie fine sandy loam, 5 to 8 percent slopes	Mobeetie				3	0.24	3	6E	86	8.4	20.1	YES
LUBBOCK	35	30	Olton clay loam, 0 to 1 percent slopes	Olton				5	0.32	6	3E	48	1.3	6.7	NO
LUBBOCK	36	31	Olton clay loam, 1 to 3 percent slopes	Olton				5	0.32	6	3E	48	2.2	6.7	NO
LUBBOCK	37	32	Olton-Urban land complex, 0 to 2 percent slopes	Olton				5	0.32	6	3E	48	1.6	6.7	NO
LUBBOCK	38	32	Olton-Urban land complex, 0 to 2 percent slopes	Urban				0	0.00	0	0	0	0.0	0.0	NO
LUBBOCK	39	33	Portales loam, 0 to 1 percent slopes	Portales				5	0.37	4	3E	86	1.5	12.0	YES
LUBBOCK	40	34	Posey fine sandy loam, 0 to 1 percent slopes	Posey				3	0.24	3	3E	86	1.6	20.1	YES
LUBBOCK	41	35	Posey fine sandy loam, 1 to 3 percent slopes	Posey				3	0.24	3	3E	86	5.1	20.1	YES
LUBBOCK	42	36	Posey fine sandy loam, 3 to 5 percent slopes	Posey				3	0.24	3	4E	86	5.9	20.1	YES
LUBBOCK	43	37	Posey fine sandy loam, 5 to 8 percent slopes	Posey				3	0.24	3	6E	86	8.4	20.1	YES
LUBBOCK	44	38	Potter loam, 2 to 12 percent slopes	Potter				1	0.28	8	7S	1	33.6	0.7	YES
LUBBOCK	45	39	Potter-Berda association, steep	Berda				5	0.28	4	7E	86	23.4	12.0	YES
LUBBOCK	46	39	Potter-Berda association, steep	Potter				1	0.28	8	7S	1	261.7	0.7	YES
LUBBOCK	47	40	Potter-Kimbrough-Urban land complex, 1 to 5 percent slopes	Potter				1	0.28	8	7S	1	17.8	0.7	YES
LUBBOCK	48	40	Potter-Kimbrough-Urban land complex, 1 to 5 percent slopes	Kimbrough				1	0.37	4	7E	86	23.5	60.2	YES
LUBBOCK	49	40	Potter-Kimbrough-Urban land complex, 1 to 5 percent slopes	Urban Land				0	0.00	0	0	0	0.0	0.0	NO
LUBBOCK	50	41	Pullman clay loam, 0 to 1 percent slopes	Pullman				5	0.37	6	3E	48	1.5	6.7	NO
LUBBOCK	51	42	Randall clay	Randall				5	0.32	4	8W	86	1.3	12.0	YES
LUBBOCK	52	43	Randall Varient, fine sandy loam	Randall varent				5	0.24	3	4W	86	1.0	12.0	YES
LUBBOCK	53	44	Urban Land	Urban				0	0.00	0	0	0	0.0	0.0	NO
LUBBOCK	54	45	Zita fine sandy loam, 0 to 1 percent slopes	Zita				4	0.24	3	3E	86	1.2	15.1	YES
LUBBOCK	55	46	Zita loam, 0 to 1 percent slopes	Zita				4	0.28	5	3E	56	1.4	9.8	YES
LUBBOCK	56	47	Water	Water				5	0.00	0	0	0	0.0	0.0	NO

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
Lynn	1	AcA	ACUFF		L	0-1	90	5	.28	6	3e	48	0.7	6.7	No
Lynn	2	AcB	ACUFF		L	1-3	90	5	.28	6	3e	48	1.9	6.7	No
Lynn	3	ACF	ACUFF		L	0-3	68	5	.28	6	3e	48	1.7	6.7	No
Lynn	4	ACF	AMARILLO		FSL	0-3	11	5	.24	3	3e	86	1.5	12.0	Yes
Lynn	5	AfA	AMARILLO		FSL	0-1	90	5	.24	3	3e	86	0.6	12.0	Yes
Lynn	6	AfB	AMARILLO		FSL	1-3	90	5	.24	3	3e	86	1.6	12.0	Yes
Lynn	7	AMA	ACUFF		L	0-1	17	5	.28	6	3e	48	0.7	6.7	No
Lynn	8	AMA	AMARILLO		FSL	0-1	52	5	.24	3	3e	86	0.6	12.0	Yes
Lynn	9	ArA	ARCH		L	0-1	90	3	.37	4L	4e	86	1.6	20.1	Yes
Lynn	10	ARC	ARCH		L	0-1	67	3	.37	4L	4e	86	1.6	20.1	Yes
Lynn	11	AsA	ARCH		FSL	0-1	90	3	.28	3	4e	86	1.2	20.1	Yes
Lynn	12	AvA	ARVANA		FSL	0-1	85	2	.24	3	3e	86	1.5	30.1	Yes

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
Lynn	13	AvB	ARVANA		FSL	1-3	85	2	.24	3	3e	86	4.1	30.1	Yes
Lynn	14	BcA	BIPPUS		CL	0-2	85	5	.28	6	2w	48	1.1	6.7	No
Lynn	15	BeD	BERDA		L	5-8	85	5	.28	4L	6e	86	5.9	12.0	Yes
Lynn	16	BHC	BROWNFIELD		FS	1-8	60	5	.15	1	6e	250	2.4	35.0	Yes
Lynn	17	BHC	BROWNFIELD		FS	1-8	30	5	.15	1	6e	250	2.4	35.0	Yes
Lynn	18	BP	BORROW PITS		PG	0-45	100	1	.10	8	8s	0	77.3	0.0	Yes
Lynn	19	BPA	BROWNFIELD		FS	0-3	46	5	.15	1	6e	250	0.9	35.0	Yes
Lynn	20	BPA	PATRICIA		LFS	0-3	28	5	.17	2	4e	134	1.1	18.8	Yes
Lynn	21	BrB	BROWNFIELD		FS	0-3	90	5	.15	1	6e	250	0.9	35.0	Yes
Lynn	22	CDA	CEDARLAKE		SCL	0-1	95	5	.32	4L	7w	86	0.8	12.0	Yes
Lynn	23	CeC	CRETA		L	1-5	85	3	.32	4L	4e	86	6.8	20.1	Yes
Lynn	24	ChA	CHAPEL		C	0-1	90	5	.32	7	4w	38	0.8	5.3	No
Lynn	25	DRC	DRAKE		L	1-8	90	4	.28	4L	6e	86	5.6	15.1	Yes
Lynn	26	DRE	DRAKE		L	8-20	90	4	.28	4L	6e	86	21.3	15.1	Yes
Lynn	27	EPA	ESTACADO		L	0-1	50	5	.28	5	3e	56	0.7	7.8	No
Lynn	28	EPA	PEP		L	0-1	45	4	.37	4L	3e	86	1.2	15.1	Yes
Lynn	29	EsA	ESTACADO		L	0-1	90	5	.28	5	3e	56	0.7	7.8	No
Lynn	30	EsB	ESTACADO		L	1-3	85	5	.28	5	3e	56	1.9	7.8	No
Lynn	31	ESP	ESTACADO		L	0-1	51	5	.28	5	3e	56	0.7	7.8	No
Lynn	32	ESP	PEP		L	0-1	33	4	.37	4L	3e	86	1.2	15.1	Yes
Lynn	33	KmB	KIMBERSON		GR-L	0-3	85	1	.20	5	7s	56	6.2	39.2	Yes
Lynn	34	LHA	LENORAH		FSL	0-1	50	3	.24	3	3e	86	1.0	20.1	Yes
Lynn	35	LHA	HINDMAN		FS	0-2	35	4	.15	1	6e	250	0.8	43.8	Yes
Lynn	36	LHV	LENORAH		FSL	0-1	23	3	.24	3	3e	86	1.0	20.1	Yes
Lynn	37	LHV	HINDMAN		FS	0-2	14	4	.15	1	6e	250	0.8	43.8	Yes
Lynn	38	LHV	ARVANA		FSL	1-3	12	2	.24	3	3e	86	4.1	30.1	Yes
Lynn	39	LMA	LAMESA		SC	0-1	95	5	.32	5	6w	56	0.8	7.8	No
Lynn	40	LoA	LOFTON		CL	0-1	85	5	.32	6	3e	48	0.8	6.7	No
Lynn	41	M-W	Misc. WATER		---	---	---	---	---	---	---	---	---	---	No
Lynn	42	MdA	MIDESSA		FSL	0-1	85	4	.24	3	3e	86	0.8	15.1	Yes
Lynn	43	MdB	MIDESSA		FSL	1-3	85	4	.24	3	3e	86	2.1	15.1	Yes
Lynn	44	MdC	MIDESSA		FSL	3-8	85	4	.24	3	6e	86	5.4	15.1	Yes
Lynn	45	MLH	LENORAH		FSL	0-1	16	3	.24	3	3e	86	1.0	20.1	Yes
Lynn	46	MLH	HINDMAN		FS	0-2	11	4	.15	1	6e	250	0.8	43.8	Yes
Lynn	47	MLH	MIDESSA		FSL	3-8	25	4	.24	3	6e	86	5.4	15.1	Yes
Lynn	48	MPC	MIDESSA		FSL	3-8	50	4	.24	3	6e	86	5.4	15.1	Yes
Lynn	49	MPC	POSEY		FSL	3-8	35	3	.24	3	6e	86	7.2	20.1	Yes
Lynn	50	MPD	MIDESSA		FSL	1-3	19	4	.24	3	3e	86	2.1	15.1	Yes

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
Lynn	51	MPD	DRAKE		L	1-8	13	4	.28	4L	6e	86	5.6	15.1	Yes
Lynn	52	MPD	POTTER		GR-L	3-20	15	1	.15	8	7s	0	40.7	0.0	Yes
Lynn	53	MPP	MIDESSA		FSL	3-12	40	4	.24	3	6e	86	8.1	15.1	Yes
Lynn	54	MPP	POTTER		GR-L	3-12	30	1	.15	8	7s	0	20.2	0.0	Yes
Lynn	55	MPP	POSEY		FSL	3-12	20	3	.24	3	6e	86	10.8	20.1	Yes
Lynn	56	MVE	MOBEETIE		FSL	5-20	50	3	.24	3	6e	86	22.2	20.1	Yes
Lynn	57	MVE	VEAL		FSL	5-20	25	3	.24	3	6e	86	22.2	20.1	Yes
Lynn	58	MVE	POTTER		GR-L	5-20	15	1	.15	8	7s	0	41.6	0.0	Yes
Lynn	59	OBG	OBARO		L	3-15	55	3	.43	4L	6e	86	25.3	20.1	Yes
Lynn	60	OBG	QUINLAN		L	3-30	30	2	.37	5	6e	56	93.7	19.6	Yes
Lynn	61	OcA	OLTON		CL	0-1	85	5	.32	6	3e	48	0.8	6.7	No
Lynn	62	OTA	OLTON		CL	0-1	47	5	.32	6	3e	48	0.8	6.7	No
Lynn	63	OTA	ACUFF		L	0-1	39	5	.28	6	3e	48	0.7	6.7	No
Lynn	64	PAB	PATRICIA		LFS	0-3	50	5	.17	2	4e	134	1.1	18.8	Yes
Lynn	65	PAB	AMARILLO		LFS	0-3	45	5	.15	2	4e	134	0.9	18.8	Yes
Lynn	66	PeA	PEP		L	0-1	85	4	.37	4L	3e	86	1.2	15.1	Yes
Lynn	67	PeB	PEP		L	1-3	80	4	.37	4L	4e	86	3.2	15.1	Yes
Lynn	68	PGE	POTTER		GR-L	3-20	80	1	.15	8	7s	0	40.7	0.0	Yes
Lynn	69	PoA	PORTALES		L	0-1	90	4	.37	4L	3e	86	1.2	15.1	Yes
Lynn	70	PoB	PORTALES		L	1-3	90	4	.37	4L	4e	86	3.2	15.1	Yes
Lynn	71	POQ	POTTER		GR-L	3-20	37	1	.15	8	7s	0	40.7	0.0	Yes
Lynn	72	POQ	OBARO		L	3-15	13	3	.43	4L	6e	86	25.3	20.1	Yes
Lynn	73	POQ	QUINLAN		L	3-30	8	2	.37	5	6e	56	93.7	19.6	Yes
Lynn	74	PsA	POSEY		FSL	0-1	90	3	.24	3	3e	86	1.0	20.1	Yes
Lynn	75	PsB	POSEY		FSL	1-3	80	3	.24	3	3e	86	2.7	20.1	Yes
Lynn	76	PTA	PATRICIA		LFS	0-3	46	5	.17	2	4e	134	1.1	18.8	Yes
Lynn	77	PTA	AMARILLO		LFS	0-3	37	5	.15	2	4e	134	0.9	18.8	Yes
Lynn	78	RcA	RANCO		C	0-1	95	5	.32	7	6w	38	0.8	5.3	No
Lynn	79	SGA	SEAGRAVES		FSL	0-1	90	5	.24	3	4e	86	0.6	12.0	Yes
Lynn	80	ShB	SHARVANA		FSL	0-3	85	1	.24	3	6s	86	7.5	60.2	Yes
Lynn	81	SL	SALT LAKE (INTERMITTENT WATER)		VAR	0-1	100	---	---	---	7w	---	---	---	No
Lynn	82	SpA	SPARENBERG		C	0-1	95	5	.32	7	4w	38	0.8	5.3	No
Lynn	83	TkA	TOKIO		FSL	0-1	90	5	.24	3	3e	86	0.6	12.0	Yes
Lynn	84	TkB	TOKIO		LFS	0-2	90	5	.17	2	4e	134	0.7	18.8	Yes
Lynn	85	W	WATER		---	---	---	---	---	---	---	---	---	---	No
Lynn	86	YRG	ROCK OUTCROP		BR	8-45	10	---	---	---	8s	---	---	---	No
Lynn	87	YRG	YELLOWHOUSE		GRV-CL	3-45	75	3	.15	8	7s	0	39.4	0.0	Yes
Lynn	88	ZfA	ZITA		FSL	0-1	90	5	.24	3	3e	86	0.6	12.0	Yes
Lynn	89	ZfB	ZITA		FSL	1-3	90	5	.24	3	3e	86	1.6	12.0	Yes
Lynn	90	ZmA	ZITA		L	0-1	90	5	.28	5	3e	56	0.7	7.8	No

All MAP UNITS **APPENDED PRE 1990 SOIL LIST FOR ZONE 1** **3/1/03**

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
MOORE	1	Cf	Cass fine sandy loam, 0 to 3 percent slopes	Cass				5	0.20	3	2W	86	1.1	15.5	YES
MOORE	2	CaA	Capps clay loam, 0 to 1 percent slopes	Capps				4	0.32	6	3E	48	1.5	10.8	YES
MOORE	3	CaB	Capps clay loam, 1 to 3 percent slopes	Capps				4	0.32	6	3E	48	2.5	10.8	YES
MOORE	4	CoA	Conlen loam, 0 to 1 percent slopes	Conlen				5	0.32	4	4E	86	1.2	15.5	YES
MOORE	5	CoB	Conlen loam, 1 to 3 percent slopes	Conlen				5	0.32	4	4E	86	2.0	15.5	YES
MOORE	6	CoC	Conlen loam, 3 to 5 percent slopes	Conlen				5	0.32	4	4E	86	4.3	15.5	YES
MOORE	7	CoD	Conlen loam, 5 to 8 percent slopes	Conlen				5	0.32	4	6E	86	6.2	15.5	YES
MOORE	8	DaA	Dalhart fine sandy loam, 0 to 1 percent slopes	Dalhart				5	0.24	3	3E	86	0.9	15.5	YES
MOORE	9	DaB	Dalhart fine sandy loam, 1 to 3 percent slopes	Dalhart				5	0.24	3	3E	86	1.5	15.5	YES
MOORE	10	DaC	Dalhart fine sandy loam, 3 to 5 percent slopes	Dalhart				5	0.24	3	4E	86	3.2	15.5	YES
MOORE	11	DmA	Dumas loam, 0 to 1 percent slopes	Dumas				5	0.32	5	3E	56	1.2	10.1	YES
MOORE	12	DmB	Dumas loam, 1 to 3 percent slopes	Dumas				5	0.32	5	3E	56	2.0	10.1	YES
MOORE	13	DmC	Dumas loam, 3 to 5 percent slopes	Dumas				5	0.32	5	4E	56	4.3	10.1	YES
MOORE	14	DtC	Dumas and Tascosa soils, rolling	Dumas				5	0.32	5	4E	56	11.9	10.1	YES
MOORE	15	DtC	Dumas and Tascosa soils, rolling	Tascosa				4	0.15	8	6S	1	7.0	0.2	NO
MOORE	16	DtC	Dumas and Tascosa soils, rolling	Ulysses (Paloduro)				5	0.28	6	6E	48	52.3	8.6	YES
MOORE	17	EcE	Ector-Ulysses complex, hilly	Ector				5	0.10	6	7S	48	9.9	8.6	YES
MOORE	18	EcE	Ector-Ulysses complex, hilly	Ulysses (Paloduro)				5	0.28	4	6E	48	5.4	8.6	YES
MOORE	19	EnD	Enterprise very fine sandy loam, 5 to 8 percent slopes	Enterprise				5	0.43	3	4E	86	8.3	15.5	YES
MOORE	20	HaA	Harney clay loam, 0 to 1 percent slopes	Harney (Gruver)				5	0.32	6	3E	48	1.2	8.6	YES
MOORE	21	HaB	Harney clay loam, 1 to 3 percent slopes	Harney (Gruver)				5	0.32	6	3E	48	2.0	8.6	YES
MOORE	22	Hu	Humbarger loam	Humbarger				5	0.28	4	2W	86	1.0	15.5	YES
MOORE	23	LkC	Likes loamy fine sand, hummocky	Likes				5	0.15	2	6E	134	0.9	24.1	YES
MOORE	24	LlC	Likes complex, hummocky	Likes				5	0.15	2	6E	134	0.9	24.1	YES
MOORE	25	Ln	Lincoln loamy fine sand	Lincoln				5	0.17	2	4S	134	0.6	24.1	YES
MOORE	26	MaB	Manzano clay loam, 1 to 3 percent slopes	Manzano				5	0.32	6	4E	48	2.0	8.6	YES
MOORE	27	MrB	Mobeetie fine sandy loam, 1 to 3 percent slopes	Mobeetie				3	0.24	3	3E	86	2.5	25.8	YES
MOORE	28	MrC	Mobeetie fine sandy loam, 3 to 5 percent slopes	Mobeetie				3	0.24	3	4E	86	5.4	25.8	YES
MOORE	29	MrD	Mobeetie fine sandy loam, 5 to 12 percent slopes	Mobeetie				3	0.24	3	6E	86	10.3	25.8	YES
MOORE	30	MvC	Mobeetie, Veal and Pastura soils, rolling	Mobeetie				3	0.24	3	6E	86	14.9	25.8	YES
MOORE	31	MvC	Mobeetie, Veal and Pastura soils, rolling	Veal				4	0.24	3	6E	86	11.2	19.4	YES
MOORE	32	MvC	Mobeetie, Veal and Pastura soils, rolling	Pastura				1	0.20	5	7S	56	37.2	50.4	YES
MOORE	33	Nc	Ness clay	Ness				5	0.28	4	6W	86	1.0	15.5	YES
MOORE	34	PaE	Pastura complex, hilly	Pastura				1	0.20	5	7S	56	98.7	50.4	YES
MOORE	35	Ro	Rough Broken Land	Rough Broken Land				1	0.37	5	7S	56	27.3	50.4	YES
MOORE	36	ShA	Sherm silty clay loam, 0 to 1 percent slopes	Sherm				5	0.37	7	3E	38	1.4	6.8	NO
MOORE	37	ShB	Sherm silty clay loam, 1 to 3 percent slopes	Sherm				5	0.37	7	3E	38	2.3	6.8	NO
MOORE	38	SrD	Springer fine sandy loam, 5 to 8 percent slopes	Springer				5	0.20	3	4E	86	3.9	15.5	YES
MOORE	39	SsB	Springer and Likes soils, undulating	Springer				5	0.17	2	3E	134	2.5	24.1	YES
MOORE	40	SsB	Springer and Likes soils, undulating	Likes				5	0.15	2	6E	134	2.9	24.1	YES
MOORE	41	SuA	Sunray loam, 0 to 1 percent slopes	Sunray				5	0.32	4	3E	86	1.2	15.5	YES
MOORE	42	SuB	Sunray loam, 1 to 3 percent slopes	Sunray				5	0.32	4	3E	86	2.0	15.5	YES

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
MOORE	43	TaE	Tascosa gravelly soils, hilly	Tascosa				4	0.15	8	6S	1	18.5	0.2	YES
MOORE	44	TmC	Tascosa, Mobeetie and Springer soils, rolling	Tascosa				4	0.15	8	6S	1	7.8	0.2	NO
MOORE	45	TmC	Tascosa, Mobeetie and Springer soils, rolling	Mobeetie				3	0.24	3	6E	86	14.9	25.8	YES
MOORE	46	TmC	Tascosa, Mobeetie and Springer soils, rolling	Springer				5	0.20	3	4E	86	7.4	15.5	YES
MOORE	47	TvC	Tivoli fine sand, hummocky	Tivoli				5	0.17	1	7E	310	1.1	55.8	YES
MOORE	48	UsC	Ulysses-Sunray complex, 3 to 5 percent slopes	Ulysses (Paloduro)				5	0.28	4	4E	86	3.8	15.5	YES
MOORE	49	UsC	Ulysses-Sunray complex, 3 to 5 percent slopes	Sunray				5	0.32	4	4E	86	4.3	15.5	YES
MOORE	50	UsD	Ulysses-Sunray complex, 5 to 8 percent slopes	Ulysses (Paloduro)				5	0.28	4	6E	86	5.4	15.5	YES
MOORE	51	UsD	Ulysses-Sunray complex, 5 to 8 percent slopes	Sunray				5	0.32	4	4E	86	6.2	15.5	YES
MOORE	52	VeB	Veal fine sandy loam, 1 to 3 percent slopes	Veal				4	0.24	3	4E	86	1.9	19.4	YES
MOORE	53	VeD	Veal fine sandy loam, 3 to 8 percent slopes	Veal				4	0.24	3	4E	86	5.0	19.4	YES
MOORE	54	VnD	Vernon clay loam, 3 to 8 percent slopes	Vernon				3	0.37	4	6E	86	10.2	25.8	YES

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
MOTLEY	1	AbA	Abilene clay loam, 0 to 1 percent slopes	Abilene				5	0.37	6	2C	48	1.8	5.8	NO
MOTLEY	2	AbB	Abilene clay loam, 1 to 3 percent slopes	Abilene				5	0.37	6	2E	48	3.0	5.8	NO
MOTLEY	3	AcA	Altus very fine sandy loam, 0 to 1 percent slopes	Altus				5	0.24	3	2E	86	1.1	10.3	YES
MOTLEY	4	AsB	Aspermont silty clay loam, 1 to 3 percent slopes	Aspermont				4	0.37	4	3E	86	3.7	12.9	YES
MOTLEY	5	AsC	Aspermont silty clay loam, 3 to 5 percent slopes	Aspermont				4	0.37	4	4E	86	7.9	12.9	YES
MOTLEY	6	AsE	Aspermont silty clay loam, 5 to 12 percent slopes	Aspermont				4	0.37	4	6E	86	15.2	12.9	YES
MOTLEY	7	BpF	Berda-Potter soils, 5 to 20 percent slopes	Berda				5	0.24	3	6E	86	15.5	10.3	YES
MOTLEY	8	BpF	Berda-Potter soils, 5 to 20 percent slopes	Potter				1	0.28	8	7S	1	90.6	0.6	YES
MOTLEY	9	BuA	Bukreek loam, 0 to 1 percent slopes	Bukreek				5	0.28	5	2C	56	1.3	6.7	NO
MOTLEY	10	BuB	Bukreek loam, 1 to 3 percent slopes	Bukreek				5	0.28	5	2E	56	2.2	6.7	NO
MOTLEY	11	CoF	Cottonwood loam, 3 to 20 percent slopes	Cottonwood				1	0.32	4	7S	86	97.9	51.6	YES
MOTLEY	12	DeB	Delwin fine sand, 0 to 3 percent slopes	Delwin				5	0.15	2	3E	134	1.1	16.1	YES
MOTLEY	13	DoD	Devol loamy fine sand, 3 to 8 percent slopes	Devol				5	0.17	2	4E	134	3.6	16.1	YES
MOTLEY	14	DtD	Devol-Tivoli soils, 1 to 3 percent slopes	Devol				5	0.17	2	4E	134	3.2	16.1	YES
MOTLEY	15	DtD	Devol-Tivoli soils, 1 to 3 percent slopes	Tivoli				5	0.17	1	7E	310	3.2	37.2	YES
MOTLEY	16	FmB	Flomot fine sandy loam, 1 to 3 percent slopes	Flomot				5	0.24	3	4E	86	1.9	10.3	YES
MOTLEY	17	FmC	Flomot fine sandy loam, 3 to 5 percent slopes	Flomot				5	0.24	3	4E	86	4.1	10.3	YES
MOTLEY	18	FmE	Flomot fine sandy loam, 5 to 12 percent slopes	Flomot				5	0.24	3	6E	86	7.9	10.3	YES
MOTLEY	19	FpB	Flomot-Potter complex, 0 to 3 percent slopess	Flomot				5	0.24	3	4E	86	1.7	10.3	YES
MOTLEY	20	FpB	Flomot-Potter complex, 0 to 3 percent slopess	Potter				1	0.24	8	7S	1	8.7	0.6	YES
MOTLEY	21	FrA	Frankirk loam, 0 to 1 percent slopes	Frankirk				5	0.32	6	2C	48	1.5	5.8	NO
MOTLEY	22	FrB	Frankirk loam, 1 to 3 percent slopes	Frankirk				5	0.32	6	2E	48	2.6	5.8	NO
MOTLEY	23	Ga	Gageby clay loam,	Gageby (Bippus)				5	0.28	6	2W	48	1.3	5.8	NO
MOTLEY	24	HeC	Heatly fine sand, 0 to 5 percent slopes	Heatly				5	0.17	1	4E	310	2.4	37.2	YES
MOTLEY	25	HgF	Hilgrave gravelly sandy loam, 10 to 3 percent slopes	Hilgrave				5	0.15	8	6S	1	18.8	0.1	YES
MOTLEY	26	LaE	Latom-Rockoutcrop complex, 3 to 12 percent slopes	Latom				1	0.20	3	7S	86	29.3	51.6	YES
MOTLEY	27	LaE	Latom-Rockoutcrop complex, 3 to 12 percent slopes	Rock				1	0.10	8	8S	0	14.6	0.0	YES
MOTLEY	28	Ln	Lincoln soils	Lincoln				5	0.20	3	4S	86	1.0	10.3	YES
MOTLEY	29	Lo	Lincoln soils, frequently flooded	Lincoln				5	0.20	2	5W	134	1.0	16.1	YES

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
MOTLEY	30	Lp	Lipan clay, depressional	Lipan				5	0.32	4	6W	86	1.5	10.3	YES
MOTLEY	31	MeB	Miles loamy fine sand, 0 to 3 percent slopes	Miles				5	0.20	2	3E	134	1.5	16.1	YES
MOTLEY	32	MeC	Miles loamy fine sand, 3 to 5 percent slopes	Miles				5	0.20	2	4E	134	3.4	16.1	YES
MOTLEY	33	MfB	Miles fine sandy loam, 1 to 3 percent slopes	Miles				5	0.24	3	3E	86	1.9	10.3	YES
MOTLEY	34	MfC	Miles fine sandy loam, 3 to 5 percent slopes	Miles				5	0.24	3	3E	86	4.1	10.3	YES
MOTLEY	35	MfE	Miles fine sandy loam, 5 to 8 percent slopes	Miles				5	0.24	3	4E	86	5.9	10.3	YES
MOTLEY	36	MoB	Mobeetie fine sandy loam, 0 to 3 percent slopes	Mobeetie				3	0.24	3	3E	86	2.9	17.2	YES
MOTLEY	37	MoC	Mobeetie fine sandy loam, 3 to 5 percent slopes	Mobeetie				5	0.24	3	4E	86	4.1	10.3	YES
MOTLEY	38	MoE	Mobeetie fine sandy loam, 5 to 12 percent slopes	Mobeetie				3	0.24	3	6E	86	13.1	17.2	YES
MOTLEY	39	MtA	Motley loam, 0 to 1 percent slopes	Motley				5	0.28	5	2C	56	1.3	6.7	NO
MOTLEY	40	MtB	Motley loam, 1 to 3 percent slopes	Motley				5	0.28	5	2E	56	2.2	6.7	NO
MOTLEY	41	NoE	Nobscot soils, 3 to 12 percent slopes	Nobscot				5	0.17	2	6E	134	5.0	16.1	YES
MOTLEY	42	ObB	Obaro loam, 1 to 3 percent slopes	Obaro				3	0.43	4	3E	86	5.7	17.2	YES
MOTLEY	43	ObC	Obaro loam, 3 to 5 percent slopes	Obaro				3	0.43	4	4E	86	12.2	17.2	YES
MOTLEY	44	OcE	Obaro-Burson complex, 3 to 12 percent slopes	Burson				1	0.37	5	7S	56	54.1	33.6	YES
MOTLEY	45	OcE	Obaro-Burson complex, 3 to 12 percent slopes	Obaro				3	0.43	4	6E	86	21.0	17.2	YES
MOTLEY	46	PaA	Paloduro loam, 0 to 1 percent slopes	Paloduro				5	0.28	4	3E	86	1.3	10.3	YES
MOTLEY	47	PaB	Paloduro loam, 1 to 3 percent slopes	Paloduro				5	0.28	4	3E	86	2.2	10.3	YES
MOTLEY	48	PmE	Polar-Mobeetie association, hilly	Polar				2	0.15	8	6S	1	44.8	0.3	YES
MOTLEY	49	PmE	Polar-Mobeetie association, hilly	Mobeetie				3	0.24	3	7E	86	47.8	17.2	YES
MOTLEY	50	PnC	Posey-Mansker complex, 3 to 5 percent slopes	Posey				5	0.28	4	6E	86	4.8	10.3	YES
MOTLEY	51	PnC	Posey-Mansker complex, 3 to 5 percent slopes	Mansker				5	0.28	4	4E	86	4.8	10.3	YES
MOTLEY	52	PoD	Potter loam, 3 to 20 percent slopes	Potter				1	0.28	8	7S	1	85.7	0.6	YES
MOTLEY	53	PuA	Pullman clay loam, 0 to 1 percent slopes	Pullman				5	0.37	6	3E	48	1.8	5.8	NO
MOTLEY	54	QuD	Quinlan loam, 3 to 12 percent slopes	Quinlan				2	0.37	4	6E	86	27.1	25.8	YES
MOTLEY	55	Ra	Randall clay	Randall				5	0.32	4	6W	86	1.5	10.3	YES
MOTLEY	56	Rw	Riverwash	Riverwash				0	0.17	0	5W	134	0.0	0.0	NO
MOTLEY	57	SaA	Sagerton clay loam, 0 to 1 percent slopes	Sagerton				5	0.32	6	2C	48	1.5	5.8	NO
MOTLEY	58	SaB	Sagerton clay loam, 1 to 3 percent slopes	Sagerton				5	0.32	6	2E	48	2.6	5.8	NO
MOTLEY	59	SpB	Springer loamy fine sand, 0 to 3 percent slopes	Springer				5	0.17	2	3E	134	1.2	16.1	YES
MOTLEY	60	Tf	Tivoli fine sand	Tivoli				5	0.17	1	7E	310	5.0	37.2	YES
MOTLEY	61	TuB	Tulia loam, 1 to 3 percent slopes	Tulia				5	0.28	4	4E	86	2.2	10.3	YES
MOTLEY	62	TuC	Tulia loam, 3 to 5 percent slopes	Tulia				5	0.28	4	4E	86	4.8	10.3	YES
MOTLEY	63	WlB	Woodward loam, 1 to 3 percent slopes	Woodward				3	0.37	4	2E	86	4.9	17.2	YES
MOTLEY	64	WlC	Woodward loam, 3 to 5 percent slopes	Woodward				3	0.37	4	3E	86	10.5	17.2	YES
MOTLEY	65	WoD	Woodward-Yomont complex, 0 to 1 percent slopes	Woodward				3	0.37	4	6E	86	22.9	17.2	YES
MOTLEY	66	WoD	Woodward-Yomont complex, 0 to 1 percent slopes	Yomont				5	0.49	3	2W	86	18.2	10.3	YES
MOTLEY	67	WqD	Woodward-Quinlan association, rolling	Woodward				3	0.37	4	4E	86	24.7	17.2	YES
MOTLEY	68	WqD	Woodward-Quinlan association, rolling	Quinlan				2	0.37	4	6E	86	37.0	25.8	YES
MOTLEY	69	Ww	Water	Water				0	0.00	0	0	0	0.0	0.0	NO
MOTLEY	70	Ya	Yahola fine sandy loam	Yahola				5	0.20	3	2W	86	1.5	10.3	YES
MOTLEY	71	Yo	Yomont-very fine sand	Yomont				5	0.49	3	2W	86	3.6	10.3	YES
MOTLEY	72	Ys	Yomont and Lincoln soils	Yomont				5	0.49	3	2W	86	2.3	10.3	YES
MOTLEY	73	Ys	Yomont and Lincoln soils	Lincoln				5	0.20	3	5W	86	1.0	10.3	YES
MOTLEY	74	Zx	Rivers	Rivers				0	0.10	1	5W	134	0.0	0.0	NO

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
OCHILTREE	1	BeD	Berthoud loam, 3 to 8 percent slopes	Berthoud				5	0.32	4	6E	86	6.2	13.8	YES
OCHILTREE	2	BrB	Bippus clay loam, 1 to 3 percent slopes	Bippus (Manzano)				5	0.32	6	4E	48	2.4	7.7	NO
OCHILTREE	3	BrC	Bippus clay loam, 3 to 5 percent slopes	Bippus (Manzano)				5	0.32	6	6E	48	5.1	7.7	NO
OCHILTREE	4	Ln	Lincoln soils	Lincoln				5	0.17	2	5W	134	0.8	21.4	YES
OCHILTREE	5	MaA	Mansker clay loam, 0 to 1 percent slopes	Mansker				5	0.32	4	4E	86	1.4	13.8	YES
OCHILTREE	6	MaB	Mansker clay loam, 1 to 3 percent slopes	Mansker (Conlen)				5	0.32	4	4E	86	2.4	13.8	YES
OCHILTREE	7	MaC	Mansker clay loam, 3 to 5 percent slopes	Mansker (Conlen)				5	0.32	4	4E	86	5.1	13.8	YES
OCHILTREE	8	MaD	Mansker clay loam, 5 to 8 percent slopes	Mansker (Conlen)				5	0.32	4	6E	86	7.3	13.8	YES
OCHILTREE	9	MnC	Mansker-Ulysses complex, 2 to 6 percent slopes	Mansker (Conlen)				5	0.32	4	4E	86	4.8	13.8	YES
OCHILTREE	10	MnC	Mansker-Ulysses complex, 2 to 6 percent slopes	Ulysses (Sunray)				5	0.32	4	4E	86	4.8	13.8	YES
OCHILTREE	11	MoD	Mobeetie fine sandy loam, 5 to 8 percent slopes	Mobeetie				3	0.24	3	6E	86	9.1	22.9	YES
OCHILTREE	12	PmD	Potter-Mansker complex, 0 to 8 percent slopes	Potter (Pastura)				1	0.20	5	7S	56	16.8	44.8	YES
OCHILTREE	13	PmD	Potter-Mansker complex, 0 to 8 percent slopes	Mansker (Conlen)				5	0.32	4	4E	86	5.4	13.8	YES
OCHILTREE	14	Po	Potter soils	Potter (Pastura)				1	0.20	5	7S	56	16.8	44.8	YES
OCHILTREE	15	PuA	Pullman clay loam, 0 to 1 percent slopes	Pullman (Sherm)				5	0.37	7	3E	38	1.6	6.1	NO
OCHILTREE	16	PuB	Pullman clay loam, 1 to 3 percent slopes	Pullman (Sherm)				5	0.37	7	3E	38	2.7	6.1	NO
OCHILTREE	17	Ra	Randall clay	Randall (Ness)				5	0.28	4	6W	86	1.2	13.8	YES
OCHILTREE	18	RcA	Richfield clay loam, 0 to 1 percent slopes	Richfield (Darrouzett)				5	0.37	7	3E	38	1.6	6.1	NO
OCHILTREE	19	RcB	Richfield clay loam, 1 to 3 percent slopes	Richfield (Darrouzett)				5	0.37	7	3E	38	2.7	6.1	NO
OCHILTREE	20	RcC	Richfield clay loam, 3 to 5 percent slopes	Richfield (Darrouzett)				5	0.37	7	4E	38	5.9	6.1	NO
OCHILTREE	21	Re	Roscoe clay	Roscoe				5	0.32	4	3W	86	1.4	13.8	YES
OCHILTREE	22	Ro	Rough Broken Land	Rough Broken Land				5	0.24	3	7E	86	6.0	13.8	YES
OCHILTREE	23	Sc	Spur clay loam	Spur				5	0.28	6	2W	48	1.2	7.7	NO
OCHILTREE	24	Sp	Spur soils, Broken	Spur				5	0.28	6	5W	48	1.9	7.7	NO
OCHILTREE	25	UcA	Ulysses silty clay loam, 0 to 1 percent slopes	Ulysses (Sunray)				5	0.32	4	3E	86	1.4	13.8	YES
OCHILTREE	26	UcB	Ulysses silty clay loam, 1 to 3 percent slopes	Ulysses (Sunray)				5	0.32	4	3E	86	2.4	13.8	YES
OCHILTREE	27	UcC	Ulysses silty clay loam, 3 to 5 percent slopes	Ulysses (Sunray)				5	0.32	4	4E	86	5.1	13.8	YES
OCHILTREE	28	UrB	Ulysses-Richfield clay loam, 0 to 3 percent slopes	Ulysses (Sunray)				5	0.32	4	3E	86	2.2	13.8	YES
OCHILTREE	29	UrB	Ulysses-Richfield clay loam, 0 to 3 percent slopes	Richfield (Darrouzett)				5	0.37	7	3E	38	2.5	6.1	NO
OCHILTREE	30	VmD	Vona-Mobeetie complex, 2 to 8 percent slopes	Vona				3	0.24	3	6E	86	7.3	22.9	YES
OCHILTREE	31	VmD	Vona-Mobeetie complex, 2 to 8 percent slopes	Mobeetie				3	0.24	3	6E	86	7.3	22.9	YES

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
OLDHAM	1	1	Acuff loam, 0 to 1 percent slopes	Acuff				5	0.28	5	3E	56	1.0	11.2	YES
OLDHAM	2	2	Acuff loam, 1 to 3 percent slopes	Acuff				5	0.28	5	3E	56	1.1	11.2	YES
OLDHAM	3	3	Acuff loam, 3 to 5 percent slopes	Acuff				5	0.28	5	4E	56	3.4	11.2	YES
OLDHAM	4	4	Amarillo loamy fine sand, 0 to 3 percent slopes	Amarillo				5	0.15	2	4E	134	0.8	26.8	YES
OLDHAM	5	5	Amarillo fine sandy loam, 0 to 1 percent slopes	Amarillo				5	0.24	3	3E	86	0.8	17.2	YES
OLDHAM	6	6	Amarillo fine sandy loam, 1 to 3 percent slopes	Amarillo				5	0.24	3	3E	86	1.4	17.2	YES
OLDHAM	7	7	Amarillo fine sandy loam, 3 to 5 percent slopes	Amarillo				5	0.24	3	4E	86	2.9	17.2	YES
OLDHAM	8	8	Berda-Veal association, undulating	Berda				5	0.28	4	4E	86	3.8	17.2	YES
OLDHAM	9	8	Berda-Veal association, undulating	Veal				4	0.28	4	4E	86	4.7	21.5	YES
OLDHAM	10	9	Bippus clay loam, 0 to 2 percent slopes	Bippus				5	0.28	6	2C	48	1.2	9.6	YES
OLDHAM	11	10	Burson-Knoco-Rock outcrop association, steep	Burson				1	0.37	5	7S	56	288.2	56.0	YES
OLDHAM	12	10	Burson-Knoco-Rock outcrop association, steep	Knoco				1	0.37	4	7S	86	288.2	86.0	YES
OLDHAM	13	10	Burson-Knoco-Rock outcrop association, steep	Rock outcrop				1	0.10	8	8S	1	77.9	1.0	YES
OLDHAM	14	11	Clairemont silty clay loam, occasionally flooded	Clairemont				5	0.43	4	2W	86	1.5	17.2	YES
OLDHAM	15	12	Estacado clay loam, 0 to 1 percent slopes	Estacado				5	0.32	4	3E	86	1.1	17.2	YES
OLDHAM	16	13	Estacado clay loam, 1 to 3 percent slopes	Estacado				5	0.32	4	3E	86	1.8	17.2	YES
OLDHAM	17	14	Estacado clay loam, 3 to 5 percent slopes	Estacado				5	0.32	4	4E	86	3.9	17.2	YES
OLDHAM	18	15	Gracemore soils, frequenly flooded	Gracemore				5	0.32	5	5W	56	1.1	11.2	YES
OLDHAM	19	16	Knoco-Badland association, rolling	Knoco				1	0.37	4	7S	86	62.5	86.0	YES
OLDHAM	20	17	Latom-Rock Outcrop complex, 3 to 15 percent slopes	Latom				1	0.20	3	7S	86	27.9	86.0	YES
OLDHAM	21	17	Latom-Rock Outcrop complex, 3 to 15 percent slopes	Rock outcrop				1	0.10	8	8S	1	77.9	1.0	YES
OLDHAM	22	18	Likes loamy fine sand, 1 to 8 percent slopes	Likes				5	0.15	2	6E	134	2.0	26.8	YES
OLDHAM	23	19	Lincoln soils, frequently flooded	Lincoln				5	0.17	2	5W	134	0.6	26.8	YES
OLDHAM	24	20	Lipan clay	Lipan				5	0.32	4	4W	86	1.1	17.2	YES
OLDHAM	25	21	Lofton clay loam, 0 to 1 percent slopes	Lofton				5	0.32	7	3E	38	1.1	7.6	NO
OLDHAM	26	22	Mobeetie fine sandy loam, 0 to 3 percent slopes	Mobeetie				3	0.24	3	3E	86	2.1	28.7	YES
OLDHAM	27	23	Mobeetie fine sandy loam, 3 to 5 percent slopes	Mobeetie				3	0.24	3	4E	86	4.9	28.7	YES
OLDHAM	28	24	Mobeetie fine sandy loam, 5 to 12 percent slopes	Mobeetie				3	0.24	3	6E	86	9.4	28.7	YES
OLDHAM	29	25	Mobeetie -Tascosa association, rolling	Mobeetie				3	0.24	3	6E	86	12.2	28.7	YES
OLDHAM	30	25	Mobeetie -Tascosa association, rolling	Tascosa				4	0.15	4	6S	1	5.7	0.3	NO
OLDHAM	31	26	Mobeetie-Veal association, undulating	Mobeetie				3	0.24	3	6E	86	5.4	28.7	YES
OLDHAM	32	26	Mobeetie-Veal association, undulating	Veal				4	0.28	4	6E	86	4.7	21.5	YES

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
OLDHAM	33	27	Montoya clay	Montoya				5	0.20	4	6W	86	0.7	17.2	YES
OLDHAM	34	28	Olton clay loam, 0 to 1 percent slopes	Olton				5	0.32	6	3E	48	1.1	9.6	YES
OLDHAM	35	29	Olton clay loam, 1 to 3 percent slopes	Olton				5	0.32	6	3E	48	1.8	9.6	YES
OLDHAM	36	30	Posey clay loam, 0 to 3 percent slopes	Posey				3	0.28	4	3E	86	2.4	28.7	YES
OLDHAM	37	31	Posey clay loam, 3 to 5 percent slopes	Posey				3	0.28	4	4E	86	5.7	28.7	YES
OLDHAM	38	32	Potter Gravelly loam, 3 to 12 percent slopes	Potter				1	0.15	8	7S	1	15.7	1.0	YES
OLDHAM	39	33	Potter-Mobeetie association, steep	Potter				1	0.15	8	7S	1	116.9	1.0	YES
OLDHAM	40	33	Potter-Mobeetie association, steep	Mobeetie				3	0.24	3	7E	86	62.3	28.7	YES
OLDHAM	41	34	Pullman clay loam, 0 to 1 percent slopes	Pullman				5	0.37	7	3E	38	1.3	7.6	NO
OLDHAM	42	35	Pullman clay loam, 1 to 3 percent slopes	Pullman				5	0.37	7	3E	38	2.1	7.6	NO
OLDHAM	43	36	Quay silty clay loam, 0 to 5 percent slopes	Quay				5	0.37	4	6E	86	3.7	17.2	YES
OLDHAM	44	37	Quay-Glenrio-Burson association, rolling	Quay				5	0.37	4	6E	86	12.5	17.2	YES
OLDHAM	45	37	Quay-Glenrio-Burson association, rolling	Glenrio				1	0.32	4	6E	86	54.1	86.0	YES
OLDHAM	46	37	Quay-Glenrio-Burson association, rolling	Burson				1	0.37	5	7S	56	62.5	56.0	YES
OLDHAM	47	38	Randall clay	Randall				5	0.32	4	6W	86	1.1	17.2	YES
OLDHAM	48	39	Springer loamy fine sand, 0 to 3 percent slopes	Springer				5	0.17	2	4E	134	0.9	26.8	YES
OLDHAM	49	40	Spur and Bippus soils, frequently flooded	Spur				5	0.28	6	5W	48	1.0	9.6	YES
OLDHAM	50	40	Spur and Bippus soils, frequently flooded	Bippus				5	0.28	6	5W	48	1.0	9.6	YES
OLDHAM	51	41	Tascosa very Gravelly loam, hilly	Tascosa				4	0.10	8	6S	1	11.2	0.3	YES
OLDHAM	52	42	Tivoli fine sand	Tivoli				5	0.17	1	7E	310	2.3	62.0	YES
OLDHAM	53	43	Yomont very fine sandy loam, ocassionally flooded	Yomont				5	0.49	3	2W	86	1.7	17.2	YES

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
PARMER	1	AcA	Acuff loam, 0 to 1 percent slopeslope	Acuff				5	0.28	6	3E	48	1.0	7.2	NO
PARMER	2	AcB	Acuff loam, 1 to 3 percent slopes	Acuff				5	0.28	6	3E	48	1.6	7.2	NO
PARMER	3	AcC	Acuff loam, 3 to 5 percent slopes	Acuff				5	0.28	6	4E	48	3.4	7.2	NO
PARMER	4	AmA	Amarillo fine sandy loam, 0 to 1 percent slopes	Amarillo				5	0.24	3	3E	86	0.8	12.9	YES
PARMER	5	AmB	Amarillo fine sandy loam, 1 to 3 percent slopes	Amarillo				5	0.24	3	3E	86	2.9	12.9	YES
PARMER	6	AmC	Amarillo fine sandy loam, 3 to 5 percent slopes	Amarillo				5	0.24	3	4E	86	2.9	12.9	YES
PARMER	7	ArA	Arvana fine sandy loam, 0 to 1 percent slopes	Arvana				3	0.24	3	3E	86	4.2	21.5	YES
PARMER	8	BeC	Berda loam, 3 to 5 percent slopes	Berda				5	0.28	4	4E	86	3.4	12.9	YES
PARMER	9	BeD	Berda loam, 5 to 8 percent slopes	Berda				5	0.28	4	6E	86	4.9	12.9	YES
PARMER	10	BfA	Bippus fine sandy loam, 0 to 1 percent slopes	Bippus				5	0.24	3	2E	86	0.8	12.9	YES
PARMER	11	BpA	Bippus clay loam, 0 to 1 percent slopes	Bippus				5	0.28	6	2W	48	1.0	7.2	NO
PARMER	12	BpB	Bippus clay loam, 1 to 3 percent slopes	Bippus				5	0.28	6	2E	48	1.6	7.2	NO
PARMER	13	Bs	Bippus and Spur soils, frequently flooded	Bippus				5	0.28	6	5W	48	1.0	7.2	NO
PARMER	14	Bs	Bippus and Spur soils, frequently flooded	Spur				5	0.28	6	5W	48	1.0	7.2	NO
PARMER	15	EsA	Estacado clay loam, 0 to 1 percent slopes	Estacado				5	0.32	4	3E	86	1.1	12.9	YES
PARMER	16	EsB	Estacado clay loam, 1 to 3 percent slopes	Estacado				5	0.32	4	3E	86	1.8	12.9	YES
PARMER	17	EtC	Estacado-Posey complex, 3 to 5 percent slopes	Estacado				5	0.32	4	3E	86	3.9	12.9	YES
PARMER	18	EtC	Estacado-Posey complex, 3 to 5 percent slopes	Posey				5	0.28	4	4E	86	3.4	12.9	YES
PARMER	19	FrA	Friona loam, 0 to 1 percent slopes	Friona				3	0.28	5	3E	56	1.6	14.0	YES
PARMER	20	KmC	Kimbrough loam, 1 to 5 percent slopes	Kimbrough				1	0.37	4	6S	86	19.6	64.5	YES
PARMER	21	LkD	Likes loamy fine sand, 1 to 8 percent slopes	Likes				5	0.15	2	6E	134	2.0	20.1	YES
PARMER	22	Lp	Lipan clay, Depressional	Lipan				5	0.32	4	6W	86	1.1	12.9	YES
PARMER	23	MoB	Mobeetie fine sandy loam, 0 to 3 percent slopes	Mobeetie				5	0.24	3	3E	86	1.4	12.9	YES
PARMER	24	OtA	Olton clay loam, 0 to 1 percent slopes	Olton				5	0.32	6	3E	48	1.1	7.2	NO
PARMER	25	OtB	Olton clay loam, 1 to 3 percent slopes	Olton				5	0.32	6	3E	48	1.8	7.2	NO
PARMER	26	PfA	Posey fine sandy loam, 0 to 1 percent slopes	Posey				5	0.24	3	3E	86	0.8	12.9	YES
PARMER	27	PfB	Posey fine sandy loam, 1 to 3 percent slopes	Posey				5	0.24	3	3E	86	0.9	12.9	YES
PARMER	28	PmD	Posey-Berda complex, 5 to 8 percent slopes	Posey				5	0.24	3	6E	86	4.2	12.9	YES
PARMER	29	PmD	Posey-Berda complex, 5 to 8 percent slopes	Berda				5	0.28	4	6E	86	4.9	12.9	YES
PARMER	30	PoE	Potter loam, 3 to 12 percent slopes	Potter				1	0.28	8	7S	1	29.3	0.8	YES
PARMER	31	PuA	Pullman clay loam, 0 to 1 percent slopes	Pullman				5	0.32	6	3E	48	1.1	7.2	NO
PARMER	32	PuB	Pullman clay loam, 1 to 3 percent slopes	Pullman				5	0.32	6	3E	48	1.8	7.2	NO
PARMER	33	Ra	Randall clay	Randall				5	0.32	4	6W	86	1.1	12.9	YES
PARMER	34	TuA	Tulia loam, 0 to 1 percent slopeslope	Tulia				5	0.28	4	4E	86	1.0	12.9	YES
PARMER	35	TuB	Tulia loam, 1 to 3 percent slopeslope	Tulia				5	0.28	4	4E	86	1.6	12.9	YES
PARMER	36	TwC	Tulia-Potter complex, 1 to 5 percent slopes	Tulia				5	0.24	4	4E	86	2.9	12.9	YES
PARMER	37	TwC	Tulia-Potter complex, 1 to 5 percent slopes	Potter				1	0.28	8	7S	1	29.3	0.8	YES
PARMER	38	ZcA	Zita loam, 0 to 1 percent slopes	Zita				5	0.28	5	3E	56	1.0	8.4	YES

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
POTTER	1	AcA	Acuff loam, 0 to 1 percent slopes	Acuff				5	0.28	5	3E	56	1.0	10.1	YES
POTTER	2	AcB	Bippus clay loam, 1 to 3 percent slopes	Bippus				5	0.28	6	2E	48	1.8	8.6	YES
POTTER	3	AcC	Acuff loam, 3 to 5 percent slopes	Acuff				5	0.28	5	4E	56	3.8	10.1	YES
POTTER	4	AfB	Amarillo fine sandy loam, 1 to 3 percent slopes	Amarillo				5	0.24	3	3E	86	1.5	15.5	YES
POTTER	5	Am	Amarillo Urban Land complex	Amarillo				5	0.24	3	3E	86	1.4	15.5	YES
POTTER	6	Am	Amarillo Urban Land complex	Urban				0	0.00	0	0	0	0.0	0.0	NO
POTTER	7	ApD	Aspermont-Enterprise association, undulating	Aspermont				4	0.37	4	6E	86	6.8	19.4	YES
POTTER	8	ApD	Aspermont-Enterprise association, undulating	Enterprise				5	0.43	3	4E	86	6.3	15.5	YES
POTTER	9	AqF	Aspermont-Quinlan association, hilly	Aspermont				4	0.37	4	6E	86	27.3	19.4	YES
POTTER	10	AqF	Aspermont-Quinlan association, hilly	Quinlan				2	0.37	4	6E	86	54.5	38.7	YES
POTTER	11	Bc	Bippus clay loam, 1 to 3 percent slopes	Bippus				5	0.28	6	5W	48	1.0	8.6	YES
POTTER	12	BcA	Bippus clay loam, 0 to 1 percent slopes	Bippus				5	0.28	6	5W	48	1.0	8.6	YES
POTTER	13	Bd	Bippus and Spur soils, channeled	Bippus				5	0.28	6	5W	48	1.0	8.6	YES
POTTER	14	Bd	Bippus and Spur soils, channeled	Spur				5	0.28	6	5W	48	1.0	8.6	YES
POTTER	15	BqG	Burson-Quinlan-Rock outcrop association, steep	Burson				1	0.37	5	7S	56	317.1	50.4	YES
POTTER	16	BqG	Burson-Quinlan-Rock outcrop association, steep	Quinlan				2	0.37	4	7E	86	142.2	38.7	YES
POTTER	17	BqG	Burson-Quinlan-Rock outcrop association, steep	Rock outcrop				1	0.10	8	8S	1	85.7	0.9	YES
POTTER	18	Cc	Clairemont silty clay loam, occasionally flooded	Clairemont				5	0.43	4	2W	86	1.6	15.5	YES
POTTER	19	Cm	Clairemont and Mangum soils, channeled	Clairemont				5	0.43	4	5W	86	1.6	15.5	YES
POTTER	20	Cm	Clairemont and Mangum soils, channeled	Mangum				5	0.32	4	5W	86	1.2	15.5	YES
POTTER	21	ErE	Ector-Rock outcrop association, rolling	Ector				5	0.10	6	7S	48	4.8	8.6	YES
POTTER	22	ErE	Ector-Rock outcrop association, rolling	Rock outcrop				1	0.10	8	8S	1	85.7	0.9	YES
POTTER	23	EsA	Estacado clay loam, 0 to 1 percent slopes	Estacado				5	0.32	4	3E	86	1.2	15.5	YES
POTTER	24	EsB	Estacado clay loam, 1 to 3 percent slopes	Estacado				5	0.32	4	3E	86	2.0	15.5	YES
POTTER	25	EsC	Estacado clay loam, 3 to 5 percent slopes	Estacado				5	0.32	4	4E	86	4.3	15.5	YES
POTTER	26	Eu	Estacado-Urban Land complex	Estacado				5	0.32	4	3E	86	1.8	15.5	YES
POTTER	27	Eu	Estacado-Urban Land complex	Urban land				0	0.00	0	0	0	0.0	0.0	NO
POTTER	28	KbE	Knoco-Badland association, rolling	Knoco				1	0.37	4	7S	86	56.8	77.4	YES
POTTER	29	KbE	Knoco-Badland association, rolling	Badland				1	0.37	4	8E	86	165.4	77.4	YES
POTTER	30	LaE	Latom-Rock Outcrop association, rolling	Latom				1	0.20	3	7S	86	30.7	77.4	YES
POTTER	31	LaE	Latom-Rock Outcrop association, rolling	Rock outcrop				1	0.10	8	8S	1	85.7	0.9	YES
POTTER	32	LeD	Likes loamy fine sand, 1 to 8 percent slopes	Likes				5	0.15	2	6E	134	2.2	24.1	YES
POTTER	33	Lf	Lincoln soils, frequently flooded	Lincoln				5	0.17	2	5W	134	0.6	24.1	YES
POTTER	34	Lh	Lipan clay	Lipan				5	0.32	4	4W	86	1.2	15.5	YES
POTTER	35	Ln	Lipan-Urban Land complex	Lipan				5	0.32	4	4W	86	1.2	15.5	YES
POTTER	36	Ln	Lipan-Urban Land complex	Urban land				0	0.00	0	0	0	0.0	0.0	NO
POTTER	37	Lo	Lofton clay loam,	Lofton				5	0.37	7	3E	38	1.4	6.8	NO

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
POTTER	38	Lu	Lofton-Urban land complex	Lofton				5	0.37	7	3E	38	1.4	6.8	NO
POTTER	39	Lu	Lofton-Urban land complex	Urban land				0	0.00	0	0	0	0.0	0.0	NO
POTTER	40	Ma	Mangum clay, occasionally flooded	Mangum				5	0.32	4	3W	86	1.2	15.5	YES
POTTER	41	MfB	Mobeetie fine sandy loam, 1 to 3 percent slopes	Mobeetie				3	0.24	3	3E	86	2.5	25.8	YES
POTTER	42	MfC	Mobeetie fine sandy loam, 3 to 5 percent slopes	Mobeetie				3	0.24	3	4E	86	5.4	25.8	YES
POTTER	43	MfD	Mobeetie fine sandy loam, 5 to 12 percent slopes	Mobeetie				3	0.24	3	6E	86	10.3	25.8	YES
POTTER	44	Mo	Mobeetie-Urban Land complex	Mobeetie				3	0.24	3	4E	86	4.7	25.8	YES
POTTER	45	MtE	Mobeetie-Tascosa association, rolling	Mobeetie				3	0.24	3	6E	86	12.3	25.8	YES
POTTER	46	Mo	Mobeetie-Urban Land complex	Urban land				0	0.00	0	0	0	0.0	0.0	NO
POTTER	47	MtE	Mobeetie-Tascosa association, rolling	Tascosa				4	0.15	8	6S	1	5.8	0.2	NO
POTTER	48	MvE	Mobeetie-Veal association, rolling	Mobeetie				3	0.24	3	6E	86	12.3	25.8	YES
POTTER	49	MvE	Mobeetie-Veal association, rolling	Veal				4	0.28	4	6E	86	10.7	19.4	YES
POTTER	50	OcA	Olton clay loam, 0 to 1 percent slopes	Olton				5	0.32	6	3E	48	1.2	8.6	YES
POTTER	51	OcB	Olton clay loam, 1 to 3 percent slopes	Olton				5	0.32	6	3E	48	2.0	8.6	YES
POTTER	52	Ou	Olton-Urban Land complex	Olton				5	0.32	6	3E	48	1.8	8.6	YES
POTTER	53	Ou	Olton-Urban Land complex	Urban land				0	0.00	0	0	0	0.0	0.0	NO
POTTER	54	PaB	Paloduro clay loam, 1 to 3 percent slopes	Paloduro				5	0.28	4	3E	86	1.8	15.5	YES
POTTER	55	PaC	Paloduro clay loam, 3 to 5 percent slopes	Paloduro				5	0.28	4	4E	86	3.8	15.5	YES
POTTER	56	PaD	Paloduro clay loam, 5 to 8 percent slopes	Paloduro				5	0.28	4	6E	86	5.4	15.5	YES
POTTER	57	PcB	Posey clay loam, 1 to 3 percent slopes	Posey				3	0.28	4	3E	86	2.9	25.8	YES
POTTER	58	PcC	Posey clay loam, 3 to 5 percent slopes	Posey				3	0.28	4	4E	86	6.3	25.8	YES
POTTER	59	PcD	Posey clay loam, 5 to 8 percent slopes	Posey				3	0.28	4	6E	86	9.0	25.8	YES
POTTER	60	Pe	Posey-Urban Land complex	Posey				3	0.28	4	4E	86	6.9	25.8	YES
POTTER	61	Pe	Posey-Urban Land complex	Urban land				0	0.00	0	0	0	0.0	0.0	NO
POTTER	62	PmG	Potter-Mobeetie association, steep	Potter				1	0.15	8	7S	1	128.5	0.9	YES
POTTER	63	PmG	Potter-Mobeetie association, steep	Mobeetie				3	0.24	3	7E	86	61.5	25.8	YES
POTTER	64	PuA	Pullman clay loam, 0 to 1 percent slopes	Pullman				5	0.37	7	3E	38	1.4	6.8	NO
POTTER	65	PuB	Pullman clay loam, 1 to 3 percent slopes	Pullman				5	0.37	7	3E	38	1.6	6.8	NO
POTTER	66	Px	Pullman-Urban land complex	Pullman				5	0.37	7	3E	38	2.1	6.8	NO

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
POTTER	67	Px	Pullman-Urban land complex	Urban land				0	0.00	0	0	0	0.0	0.0	NO
POTTER	68	Ra	Randall clay	Randall				5	0.32	4	6W	86	1.2	15.5	YES
POTTER	69	TaF	Tascosa association, hilly	Tascosa				4	0.15	8	65	1	11.1	0.2	YES
POTTER	70	Tf	Tivoli fine sand	Tivoli				5	0.17	1	7E	310	2.5	55.8	YES
POTTER	71	TsD	Tivoli-Springer association, undulating	Tivoli				5	0.17	1	7E	310	2.5	55.8	YES
POTTER	72	TsD	Tivoli-Springer association, undulating	Springer				5	0.17	2	6E	134	2.5	24.1	YES
POTTER	73	Ub	Urban land	Urban land				0	0.00	0	0	0	0.0	0.0	NO
POTTER	74	VpD	Veal-Paloduro association, undulating	Veal				4	0.28	4	4E	86	5.2	19.4	YES
POTTER	75	VpD	Veal-Paloduro association, undulating	Paloduro				5	0.28	6	6E	48	4.1	8.6	YES
POTTER	76	VwF	Vernon-Owens association, rolling	Vernon				3	0.32	4	6E	86	16.3	25.8	YES
POTTER	77	VwF	Vernon-Owens association, rolling	Owens				1	0.32	4	6E	86	49.1	77.4	YES
POTTER	78	WeB	Weymouth clay loam, 1 to 3 percent slopes	Weymouth				3	0.32	4	3E	86	3.3	25.8	YES
POTTER	79	WeC	Weymouth clay loam, 3 to 5 percent slopes	Weymouth				3	0.32	4	4E	86	7.2	25.8	YES
POTTER	80	WvD	Weymouth-Vernon association, undulating	Weymouth				3	0.32	4	6E	86	7.9	25.8	YES
POTTER	81	WvD	Weymouth-Vernon association, undulating	Vernon				3	0.32	4	6E	86	7.9	25.8	YES
POTTER	82	Yo	Yomont soils, frequently flooded	Yomont				5	0.49	3	5W	86	1.8	15.5	YES

All MAP UNITS **APPENDED PRE 1990 SOIL LIST FOR ZONE 1** **3/1/03**

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
RANDALL	1	AcA	Acuff loam, 0 to 1 percent slopes	Acuff				5	0.28	5	3E	56	1.0	9.0	YES
RANDALL	2	AcB	Acuff loam, 1 to 3 percent slopes	Acuff				5	0.28	5	3E	56	1.2	9.0	YES
RANDALL	3	AmA	Amarillo fine sandy loam	Amarillo				5	0.24	3	3E	86	0.9	13.8	YES
RANDALL	4	AmB	Amarillo fine sandy loam	Amarillo				5	0.24	3	3E	86	1.5	13.8	YES
RANDALL	5	AmC	Amarillo fine sandy loam	Amarillo				5	0.24	3	4E	86	3.2	13.8	YES
RANDALL	6	BeB	Berda loam, 1 to 3 percent slopes	Berda				5	0.28	4	3E	86	1.8	13.8	YES
RANDALL	7	BeC	Berda loam, 3 to 5 percent slopes	Berda				5	0.28	4	4E	86	3.8	13.8	YES
RANDALL	8	BeD	Berda loam, 5 to 12 percent slopes	Berda				5	0.28	4	6E	86	5.4	13.8	YES
RANDALL	9	Br	Broken Alluvial Land	Broken Alluvial (Yomont)				5	0.49	3	5W	86	7.0	13.8	YES
RANDALL	10	DrB	Drake soils, 1 to 3 percent slopes	Drake				5	0.32	4	4E	86	2.0	13.8	YES
RANDALL	11	DrD	Drake soils, 3 to 8 percent slopes	Drake				5	0.32	4	6E	86	6.2	13.8	YES
RANDALL	12	Ke	Kimbrough-Lea loams	Kimbrough				1	0.37	4	6S	86	11.6	68.8	YES
RANDALL	13	Ke	Kimbrough-Lea loams	Lea				2	0.37	6	4E	48	13.6	19.2	YES
RANDALL	14	Lo	Lofton clay loam	Lofton				5	0.32	6	3E	48	1.2	7.7	NO
RANDALL	15	Mka	Mansker clay loam, 0 to 1 percent slopes	Mansker				3	0.28	4	4E	86	1.7	22.9	YES
RANDALL	16	MkB	Mansker clay loam, 1 to 3 percent slopes	Mansker				3	0.28	4	4E	86	2.9	22.9	YES
RANDALL	17	MkC	Mansker clay loam, 3 to 5 percent slopes	Mansker				3	0.28	4	4E	86	6.3	22.9	YES
RANDALL	18	MkC2	Mansker clay loam, 3 to 5 percent slopes	Mansker				3	0.28	4	6E	86	7.5	22.9	YES
RANDALL	19	MkD	Mansker clay loam, 5 to 8 percent slopes	Mansker				3	0.28	4	6E	86	9.0	22.9	YES
RANDALL	20	MrC	Mobeetie fine sandy loam	Mobeetie				3	0.24	3	4E	86	5.4	22.9	YES
RANDALL	21	MrD	Mobeetie fine sandy loam	Mobeetie				3	0.24	3	6E	86	7.7	22.9	YES
RANDALL	22	OcA	Olton clay loam, 0 to 1 percent slopes	Olton				5	0.32	6	3E	48	1.2	7.7	NO
RANDALL	23	OcB	Olton clay loam, 1 to 3 percent slopes	Olton				5	0.32	6	3E	48	2.0	7.7	NO
RANDALL	24	OcC	Olton clay loam, 3 to 5 percent slopes	Olton				5	0.32	6	4E	48	5.2	7.7	NO
RANDALL	25	PE	Potter soils	Potter				1	0.15	8	7S	1	11.1	0.8	YES
RANDALL	26	PmA	Pulliman clay loam, 0 to 1 percent slopes	Pullman				5	0.32	6	3E	48	1.2	7.7	NO
RANDALL	27	PmB	Pulliman clay loam, 1 to 3 percent slopes	Pullman				5	0.32	6	3E	48	2.0	7.7	NO
RANDALL	28	PmB2	Pulliman clay loam, 1 to 3 percent slopes	Pullman				5	0.32	6	4E	48	2.0	7.7	NO
RANDALL	29	PuA	Pulliman clay loam, moderately deep	Pullman				5	0.32	6	3E	48	0.6	7.7	NO
RANDALL	30	PuB	Pulliman clay loam, moderately deep	Pullman				5	0.32	6	3E	48	2.0	7.7	NO
RANDALL	31	Qw	Quinlan-Woodward complex	Quinlan				2	0.37	4	6E	86	16.8	34.4	YES
RANDALL	32	Qw	Quinlan-Woodward complex	Woodward				3	0.37	4	4E	86	9.1	22.9	YES
RANDALL	33	Ra	Randall clay	Randall				5	0.32	4	6W	86	1.2	13.8	YES
RANDALL	34	Rc	Roscue clay	Roscoe				5	0.32	4	3W	86	1.2	13.8	YES
RANDALL	35	Ro	Rough Broken Land	Rough Broken Land (Burson)				1	0.37	5	7S	56	56.8	44.8	YES
RANDALL	36	Sb	Spur clay loam, Broken	Spur				5	0.28	6	5W	48	1.0	7.7	NO
RANDALL	37	Sc	Spur clay loam	Spur				5	0.28	6	2W	48	1.0	7.7	NO
RANDALL	38	UcA	Ulysses clay loam, 0 to 1 percent slopes	Ulysses				5	0.32	4	3E	86	1.2	13.8	YES
RANDALL	39	UcB	Ulysses clay loam, 1 to 3 percent slopes	Ulysses				5	0.32	4	3E	86	2.0	13.8	YES
RANDALL	40	ZcA	Zita clay loam, 0 to 1 percent slopes	Zita				4	0.28	5	3E	56	1.3	11.2	YES
RANDALL	41	ZcB	Zita clay loam, 1 to 3 percent slopes	Zita				4	0.28	5	3E	56	2.2	11.2	YES

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
ROBERTS	1	1	Acuff loam, 1 to 3 percent slopes	Acuff				5	0.28	6	3E	56	1.3	7.8	NO
ROBERTS	2	2	Acuff loam, 3 to 5 percent slopes	Acuff				5	0.28	6	3E	56	2.1	7.8	NO
ROBERTS	3	3	Amarillo fine sandy loam, 0 to 1 percent slopes	Amarillo				5	0.24	3	3E	86	1.1	12.0	YES
ROBERTS	4	4	Amarillo fine sandy loam, 1 to 3 percent slopes	Amarillo				5	0.24	3	3E	86	1.8	12.0	YES
ROBERTS	5	5	Amarillo fine sandy loam, 3 to 5 percent slopes	Amarillo				5	0.24	3	4E	86	3.8	12.0	YES
ROBERTS	6	6	Berda-Potter Associaiton, steep	Berda				5	0.28	4	7E	86	56.7	12.0	YES
ROBERTS	7	6	Berda-Potter Associaiton, steep	Potter				1	0.15	8	7S	1	151.9	0.7	YES
ROBERTS	8	7	Bippus fine sandy loam, 1 to 3 percent slopes	Bippus				5	0.24	3	3E	86	1.8	12.0	YES
ROBERTS	9	8	Bippus clay loam, 0 to 1 percent slopes	Bippus				5	0.28	6	2C	48	1.2	6.7	NO
ROBERTS	10	9	Bippus clay loam, 1 to 3 percent slopes	Bippus				5	0.28	6	2E	48	2.1	6.7	NO
ROBERTS	11	10	Darrouzett silty clay loam, 0 to 1 percent slopes	Darrouzett				5	0.37	7	3E	38	1.6	5.3	NO
ROBERTS	12	11	Devol loamy fine sand, 3 to 8 percent slopes	Devol				5	0.17	2	4E	134	3.3	18.8	YES

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
ROBERTS	13	12	Estacado clay loam, 0 to 1 percent slopes	Estacado				5	0.32	4	3E	86	1.4	12.0	YES
ROBERTS	14	13	Estacado clay loam, 1 to 3 percent slopes	Estacado				5	0.32	4	3E	86	2.4	12.0	YES
ROBERTS	15	14	Estacado clay loam, 3 to 5 percent slopes	Estacado				5	0.32	4	4E	86	5.1	12.0	YES
ROBERTS	16	15	Estacado-Paloduro association, rolling	Estacado				5	0.32	4	6E	86	11.6	12.0	YES
ROBERTS	17	15	Estacado-Paloduro association, rolling	Paloduro				5	0.28	4	6E	86	10.2	12.0	YES
ROBERTS	18	16	Guadalupe fine sandy loam, occasionally flooded	Guadalupe				4	0.28	3	2W	86	1.5	15.1	YES
ROBERTS	19	17	Likes loamy fine sand, 1 to 8 percent slopes	Likes				5	0.15	2	6E	134	2.6	18.8	YES
ROBERTS	20	18	Likes-Tascosa association, hilly	Likes				5	0.15	2	6E	134	10.5	18.8	YES
ROBERTS	21	19	Lincoln fine sand, frequently flooded	Lincoln				5	0.17	1	5W	310	0.8	43.4	YES
ROBERTS	22	20	Mobeetie fine sandy loam, 1 to 3 percent slopes	Mobeetie				3	0.24	3	3E	86	3.0	20.1	YES
ROBERTS	23	21	Mobeetie fine sandy loam, 3 to 5 percent slopes	Mobeetie				3	0.24	3	4E	86	6.3	20.1	YES
ROBERTS	24	22	Mobeetie fine sandy loam, 5 to 12 percent slopes	Mobeetie				3	0.24	3	6E	86	12.2	20.1	YES
ROBERTS	25	23	Mobeetie-Veal-Potter association, rolling	Mobeetie				3	0.24	3	6E	86	14.5	20.1	YES
ROBERTS	26	23	Mobeetie-Veal-Potter association, rolling	Veal				4	0.24	3	6E	86	10.9	15.1	YES
ROBERTS	27	23	Mobeetie-Veal-Potter association, rolling	Potter				1	0.15	8	7S	1	27.2	0.7	YES
ROBERTS	28	24	Obaro-Quinlan association, rolling	Obaro				3	0.43	4	6E	86	26.0	20.1	YES
ROBERTS	29	24	Obaro-Quinlan association, rolling	Quinlan				2	0.37	4	6E	86	33.5	30.1	YES
ROBERTS	30	25	Olton clay loam, 0 to 1 percent slopes	Olton				5	0.32	6	3E	48	1.4	6.7	NO
ROBERTS	31	26	Olton clay loam, 1 to 3 percent slopes	Olton				5	0.32	6	3E	48	2.4	6.7	NO
ROBERTS	32	27	Olton clay loam, 3 to 5 percent slopes	Olton				5	0.38	6	3E	48	7.3	6.7	NO
ROBERTS	33	28	Paloduro loam, 3 to 5 percent slopes	Paloduro				5	0.28	4	4E	86	4.4	12.0	YES
ROBERTS	34	29	Paloduro loam, 5 to 8 percent slopes	Paloduro				5	0.28	4	6E	86	6.4	12.0	YES
ROBERTS	35	30	Paloduro-Estacado-Potter association, rolling	Paloduro				5	0.28	4	6E	86	10.2	12.0	YES
ROBERTS	36	30	Paloduro-Estacado-Potter association, rolling	Estacado				5	0.32	4	6E	86	11.6	12.0	YES
ROBERTS	37	30	Paloduro-Estacado-Potter association, rolling	Potter				1	0.15	8	7S	1	27.2	0.7	YES
ROBERTS	38	31	Potter loam, 3 to 12 percent slopes	Potter				1	0.28	4	7S	86	38.0	60.2	YES
ROBERTS	39	32	Pullman clay loam, 0 to 1 percent slopes	Pullman				5	0.32	6	3E	48	1.4	6.7	NO
ROBERTS	40	33	Pullman clay loam, 1 to 3 percent slopes	Pullman				5	0.32	6	3E	48	2.4	6.7	NO
ROBERTS	41	34	Randall clay	Randall				5	0.32	4	6W	86	1.4	12.0	YES
ROBERTS	42	35	Spur clay loam, occasionally flooded	Spur				5	0.28	6	2W	48	1.2	6.7	NO
ROBERTS	43	36	Sweetwater silty clay loam	Sweetwater				3	0.28	7	5W	38	2.1	8.9	YES
ROBERTS	44	37	Texroy loam, 0 to 1 percent slopes	Texroy				5	0.32	5	26	56	1.4	7.8	NO
ROBERTS	45	38	Texroy loam, 1 to 3 percent slopes	Texroy				5	0.32	5	2E	56	2.4	7.8	NO
ROBERTS	46	39	Tivoli fine sand	Tivoli				5	0.17	1	7E	310	2.9	43.4	YES
ROBERTS	47	40	Veal loam, 1 to 5 percent slopes	Veal				4	0.28	4	4E	86	2.6	15.1	YES

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
SCURRY	1	BeB	Berda loam, 1 to 3 percent slopes	Berda				5	0.28	4	3E	86	2.2	9.5	YES
SCURRY	2	Br	Brownfield fine sand	Brownfield (Heatly)				5	0.17	1	4E	310	1.2	34.1	YES
SCURRY	3	CaB	Carey loam, 1 to 3 percent slopes	Carey (Paducah)				5	0.43	5	2E	56	3.4	6.2	NO
SCURRY	4	Co	Colorado and Spur soils	Spur				5	0.28	6	5W	48	1.3	5.3	NO
SCURRY	5	Co	Colorado and Spur soils	Colorado				5	0.32	6	5W	48	1.5	5.3	NO
SCURRY	6	DcB	Drake clay loam, 1 to 3 percent slopes	Drake (Veal)				5	0.28	4	4E	86	2.2	9.5	YES
SCURRY	7	Hg	Hilgrave gravelly fine sandy loam	Hilgrave				5	0.28	3	6S	86	4.2	9.5	YES
SCURRY	8	La	Latom soils	Latom				1	0.20	3	7S	86	14.8	47.3	YES
SCURRY	9	Lk	Lea-Kimbrough-Slaughter complex	Lea (Friona)				3	0.28	5	3E	56	8.8	10.3	YES
SCURRY	10	Lk	Lea-Kimbrough-Slaughter complex	Kimbrough				1	0.37	4	6S	86	34.7	47.3	YES
SCURRY	11	Lk	Lea-Kimbrough-Slaughter complex	Slaughter				1	0.32	6	4E	48	30.0	26.4	YES
SCURRY	12	Lp	Lipan clay	Lipan				5	0.32	4	6W	86	1.5	9.5	YES
SCURRY	13	Mc	Mangum and Colorado soils	Mangum				5	0.32	4	5W	86	1.5	9.5	YES
SCURRY	14	Mc	Mangum and Colorado soils	Colorado				5	0.32	6	5W	48	1.5	5.3	NO
SCURRY	15	MkA	Mansker loam, 0 to 1 percent slopes	Mansker				5	0.28	4	4E	86	1.3	9.5	YES
SCURRY	16	MkB	Mansker loam, 1 to 3 percent slopes	Mansker				5	0.28	4	4E	86	2.2	9.5	YES
SCURRY	17	MkC	Mansker loam, 3 to 5 percent slopes	Mansker				5	0.28	4	4E	86	4.8	9.5	YES
SCURRY	18	Mp	Mansker-Potter complex	Mansker				5	0.28	4	4E	86	5.3	9.5	YES
SCURRY	19	Mp	Mansker-Potter complex	Potter				1	0.28	8	7S	86	34.3	47.3	YES
SCURRY	20	MrA	Miles fine sandy loam, 0 to 1 percent slopes	Miles				5	0.24	3	2E	86	1.1	9.5	YES
SCURRY	21	MsB	Miles and Cobb fine sandy loam, 1 to 3 percent slopes	Miles				5	0.24	3	3E	86	1.9	9.5	YES
SCURRY	22	MsB	Miles and Cobb fine sandy loam, 1 to 3 percent slopes	Cobb				3	0.24	3	3E	86	3.2	15.8	YES
SCURRY	23	MsC	Miles and Cobb fine sandy loam, 3 to 5 percent slopes	Miles				5	0.24	3	3E	86	4.1	9.5	YES
SCURRY	24	MsC	Miles and Cobb fine sandy loam, 3 to 5 percent slopes	Cobb				3	0.24	3	3E	86	6.8	15.8	YES
SCURRY	25	MuB	Miles loamy fine sand, 0 to 3 percent slopes	Miles				5	0.20	2	3E	134	1.5	14.7	YES
SCURRY	26	OcA	Olton clay loam, 0 to 1 percent slopes	Olton (Sagerton)				5	0.32	6	2C	48	1.5	5.3	NO
SCURRY	27	OcB	Olton clay loam, 1 to 3 percent slopes	Olton (Sagerton)				5	0.32	6	2E	48	2.6	5.3	NO
SCURRY	28	OlA	Olton loam, 0 to 1 percent slopes	Olton (Sagerton)				5	0.32	6	2C	48	1.5	5.3	NO
SCURRY	29	OlB	Olton loam, 1 to 3 percent slopes	Olton (Sagerton)				5	0.32	6	2E	48	2.6	5.3	NO
SCURRY	30	Pt	Potter soils	Potter				1	0.28	8	7S	1	26.3	0.6	YES
SCURRY	31	Qu	Quinlan soils	Quinlan				2	0.37	4	7E	86	17.4	23.7	YES
SCURRY	32	Rc	Roscoe clay	Roscoe				5	0.32	4	3W	86	1.5	9.5	YES
SCURRY	33	Ro	Rough broken and stony land	Rough broken				5	0.24	3	7E	86	12.9	9.5	YES
SCURRY	34	RwA	Rowena-Abilene complex, 0 to 1 percent slopes	Rowena				4	0.32	6	2C	48	1.9	6.6	NO
SCURRY	35	RwA	Rowena-Abilene complex, 0 to 1 percent slopes	Abilene				5	0.37	6	2C	48	1.8	5.3	NO
SCURRY	36	RwB	Rowena-Abilene complex, 1 to 3 percent slopes	Rowena				4	0.32	6	2C	48	3.2	6.6	NO
SCURRY	37	RwB	Rowena-Abilene complex, 1 to 3 percent slopes	Abilene				5	0.37	6	2E	48	3.0	5.3	NO
SCURRY	38	SlB	Spade-Latom fine sandy loam, 1 to 3 percent slopes	Spade				2	0.24	3	3E	86	4.8	23.7	YES
SCURRY	39	SlB	Spade-Latom fine sandy loam, 1 to 3 percent slopes	Latom				1	0.20	3	7S	86	8.0	47.3	YES
SCURRY	40	SlC	Spade-Latom fine sandy loam, 3 to 5 percent slopes	Spade				2	0.24	3	4E	86	10.2	23.7	YES
SCURRY	41	SlC	Spade-Latom fine sandy loam, 3 to 5 percent slopes	Latom				1	0.20	3	7S	86	17.1	47.3	YES
SCURRY	42	Sp	Spur clay loam	Spur				5	0.28	6	2W	48	1.3	5.3	NO
SCURRY	43	Sr	Spur fine sandy loam	Spur				5	0.24	3	2W	86	1.1	9.5	YES
SCURRY	44	StA	Stamford clay, 0 to 1 percent slopes	Stamford				4	0.32	4	3S	86	1.9	11.8	YES
SCURRY	45	StB	Stamford clay, 1 to 3 percent slopes	Stamford				4	0.32	4	3E	86	7.5	11.8	YES
SCURRY	46	Tv	Tivoli fine sand	Tivoli				5	0.17	1	7E	310	3.2	34.1	YES
SCURRY	47	VaB	Veal fine sandy loam, 1 to 3 percent slopes	Veal				4	0.24	3	4E	86	2.4	11.8	YES
SCURRY	48	VaC	Veal fine sandy loam, 3 to 5 percent slopes	Veal				4	0.24	3	4E	86	5.1	11.8	YES
SCURRY	49	VcB	Vernon clay, 1 to 3 percent slopes	Vernon				3	0.32	4	4E	86	4.3	15.8	YES
SCURRY	50	VcC	Vernon clay, 3 to 5 percent slopes	Vernon				3	0.32	4	4E	86	9.1	15.8	YES
SCURRY	51	Vd	Vernon-Badland complex	Vernon				3	0.32	4	6E	86	10.0	15.8	YES
SCURRY	52	Vd	Vernon-Badland complex	Badland				2	0.43	4	8E	86	20.2	23.7	YES
SCURRY	53	Vp	Vernon-Potter complex	Vernon				3	0.32	4	6E	86	61.2	15.8	YES
SCURRY	54	Vp	Vernon-Potter complex	Potter				1	0.15	8	7S	0	86.1	0.0	YES
SCURRY	55	WvB	Weymouth-Vernon clay loam, 1 to 3 percent slopes	Weymouth				3	0.32	4	3E	86	4.3	15.8	YES
SCURRY	56	WvB	Weymouth-Vernon clay loam, 1 to 3 percent slopes	Vernon				3	0.37	4	4E	86	4.9	15.8	YES
SCURRY	57	WvC	Weymouth-Vernon clay loam, 3 to 5 percent slopes	Weymouth				3	0.32	4	4E	86	9.1	15.8	YES

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
SCURRY	58	WvC	Weymouth-Vernon clay loam, 3 to 5 percent slopes	Vernon				3	0.37	4	4E	86	10.5	15.8	YES
SCURRY	59	WwB	Woodward loam, 1 to 3 percent slopes	Woodward				3	0.37	4	2E	86	4.9	15.8	YES
SCURRY	60	Zx	Water	Water				0	0.00	0	0	0	0.0	0.0	NO
SCURRY	61	ZZ	Water	Water				0	0.00	0	0	0	0.0	0.0	NO

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
SHERMAN	1	BeC	Berthoud loam, 3 to 5 percent slopes	Berthoud				5	0.32	4	4E	86	4.3	17.2	YES
SHERMAN	2	BeD	Berthoud loam, 5 to 12 percent slopes	Berthoud				5	0.32	4	6E	86	8.2	17.2	YES
SHERMAN	3	Ch	Cass and Humbarger soils, channeled	Cass				5	0.20	3	2W	86	0.7	17.2	YES
SHERMAN	4	Ch	Cass and Humbarger soils, channeled	Humbarger				5	0.28	4	2W	86	1.0	17.2	YES
SHERMAN	5	CoA	Conlen loam, 0 to 1 percent slopes	Conlen				5	0.32	4	4E	86	1.2	17.2	YES
SHERMAN	6	DaA	Dalhart fine sandy loam, 0 to 1 percent slopes	Dalhart				5	0.24	3	3E	86	0.9	17.2	YES
SHERMAN	7	DaB	Dalhart fine sandy loam, 1 to 3 percent slopes	Dalhart				5	0.24	3	3E	86	1.5	17.2	YES
SHERMAN	8	DuA	Dumas loam, 0 to 1 percent slopes	Dumas				5	0.32	5	3E	56	1.2	11.2	YES
SHERMAN	9	GrA	Gruver clay loam, 0 to 1 percent slopes	Gruver				5	0.32	6	3E	48	1.2	9.6	YES
SHERMAN	10	KaC	Karde soils, 3 to 8 percent slopes	Karde				5	0.37	4	6E	86	6.1	17.2	YES
SHERMAN	11	Lk	Likes loamy fine sand	Likes				5	0.15	2	6E	134	1.7	26.8	YES
SHERMAN	12	Ma	Manzano clay loam	Manzano				5	0.32	3	3E	86	1.2	17.2	YES
SHERMAN	13	MoC	Mobeetie fine sandy loam, 3 to 5 percent slopes	Mobeetie				3	0.24	3	4E	86	5.4	28.7	YES
SHERMAN	14	MoD	Mobeetie fine sandy loam, 5 to 12 percent slopes	Mobeetie				3	0.24	3	6E	86	10.3	28.7	YES
SHERMAN	15	Ne	Ness clay	Ness				5	0.28	4	6W	86	25.4	17.2	YES
SHERMAN	16	PA	Pastura complex	Pastura				1	0.37	4	7S	86	10.6	86.0	YES
SHERMAN	17	Ro	Rough Broken Land	Rough Broken Land				5	0.24	3	7E	86	13.4	17.2	YES
SHERMAN	18	ShA	Sherm clay loam, 0 to 1 percent slopes	Sherm				5	0.32	6	3E	48	1.2	9.6	YES
SHERMAN	19	SpB	Spurlock loam, 1 to 3 percent slopes	Spurloc				5	0.28	4	4E	86	1.8	17.2	YES
SHERMAN	20	SpC	Spurlock loam, 3 to 5 percent slopes	Spurloc				5	0.28	4	4E	86	3.8	17.2	YES
SHERMAN	21	SuA	Sunray clay loam, 0 to 1 percent slopes	Sunray				5	0.32	4	3E	86	29.1	17.2	YES
SHERMAN	22	SuB	Sunray clay loam, 1 to 3 percent slopes	Sunray				5	0.32	4	3E	86	2.0	17.2	YES
SHERMAN	23	TfC	Tivoli fine sand, Hummocky	Tivoli (Valentine)				5	0.15	1	6E	310	2.2	62.0	YES

All MAP UNITS **APPENDED PRE 1990 SOIL LIST FOR ZONE 1** **3/1/03**

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
STONEWALL	1	Ac	Acme-Cottonwood complex	Acme				1	0.32	4	3S	86	8.7	43.0	YES
STONEWALL	2	Ac	Acme-Cottonwood complex	Cottonwood				1	0.32	4	6S	86	8.7	43.0	YES
STONEWALL	3	AlA	Altus fine sandy loam, 0 to 1 percent slopes	Altus				5	0.24	3	2E	86	1.3	8.6	YES
STONEWALL	4	AsB	Aspermont silty clay loam, 1 to 3 percent slopes	Aspermont				4	0.37	4	3E	86	4.2	10.8	YES
STONEWALL	5	AsC	Aspermont silty clay loam, 3 to 5 percent slopes	Aspermont				4	0.37	4	4E	86	9.0	10.8	YES
STONEWALL	6	AsD	Aspermont silty clay loam, 5 to 12 percent slopes	Aspermont				4	0.37	4	6E	86	17.3	10.8	YES
STONEWALL	7	BuA	Bukreek loam, 0 to 1 percent slopes	Bukreek				5	0.28	5	2C	56	1.5	5.6	NO
STONEWALL	8	BuB	Bukreek loam, 1 to 3 percent slopes	Bukreek				5	0.28	5	2E	56	2.6	5.6	NO
STONEWALL	9	BvA	Bukreek loam, gravelly substratum, 0 to 1 percent slopes	Bukreek				5	0.28	5	2C	56	1.5	5.6	NO
STONEWALL	10	BvB	Bukreek loam, gravelly substratum, 1 to 3 percent slopes	Bukreek				5	0.28	5	2E	56	2.6	5.6	NO
STONEWALL	11	Ca	Clairemont silt loam	Clairemont				5	0.43	4	2W	56	2.3	5.6	NO
STONEWALL	12	CbB	Cobb fine sandy loam, 1 to 3 percent slopes	Cobb				2	0.24	3	3E	86	5.5	21.5	YES
STONEWALL	13	Cd	Colorado soils	Colorado				5	0.32	6	5W	48	1.7	4.8	NO
STONEWALL	14	CsB	Cosh and Spade soils, 1 to 3 percent slopes	Cosh				1	0.24	3	4E	86	10.9	43.0	YES
STONEWALL	15	CsB	Cosh and Spade soils, 1 to 3 percent slopes	Spade				2	0.24	3	3E	86	5.5	21.5	YES
STONEWALL	16	CsC	Cosh and Spade soils, 3 to 5 percent slopes	Cosh				1	0.24	3	4E	86	23.4	43.0	YES
STONEWALL	17	CsC	Cosh and Spade soils, 3 to 5 percent slopes	Spade				2	0.24	3	4E	86	11.7	21.5	YES
STONEWALL	18	Ct	Cottonwood-Owens association	Cottonwood				1	0.32	4	6S	86	33.0	43.0	YES
STONEWALL	19	Ct	Cottonwood-Owens association	Owens (Vernon)				3	0.32	4	4E	86	11.0	14.3	YES
STONEWALL	20	DeB	Devol loamy fine sand, 0 to 3 percent slopes	Devol				5	0.17	2	3E	134	2.7	13.4	YES
STONEWALL	21	EnA	Enterprise very fine sand, 0 to 1 percent slopes	Enterprise				5	0.43	3	2C	86	2.3	8.6	YES
STONEWALL	22	EnB	Enterprise very fine sand, 1 to 3 percent slopes	Enterprise				5	0.43	3	2E	86	3.9	8.6	YES
STONEWALL	23	EnC	Enterprise very fine sand, 3 to 5 percent slopes					5	0.43	3	2E	86	8.4	8.6	YES
STONEWALL	24	FnA	Frankirk clay loam, 0 to 1 percent slopes	Frankirk				5	0.32	6	2C	48	1.7	4.8	NO
STONEWALL	25	FnB	Frankirk clay loam, 1 to 3 percent slopes	Frankirk				5	0.32	6	2E	48	2.9	4.8	NO
STONEWALL	26	Fo	Frio silty clay loam	Frio (Port)				5	0.32	6	2W	48	0.4	4.8	NO
STONEWALL	27	HaD	Hardeman fine sandy loam, 5 to 12 percent slopes	Hardeman				5	0.24	3	6E	86	9.0	8.6	YES
STONEWALL	28	HeA	Hensley loam, moderately deep variant, 0 to 1 percent slopes	Hensley (Va				2	0.32	4	2S	86	4.4	21.5	YES
STONEWALL	29	HgD	Hillgrave gravelly sandy loam, 3 to 8 percent slopes	Hilgrave				5	0.15	8	6S	1	4.8	0.1	NO
STONEWALL	30	HoA	Hollister silty clay loam, 0 to 1 percent slopes	Hollister				5	0.32	6	2C	48	1.7	4.8	NO
STONEWALL	31	Lc	Latom-Rock outcrop complex	Latom				1	0.24	4	7S	86	20.4	43.0	YES
STONEWALL	32	Lc	Latom-Rock outcrop complex	Rock outcrop				0	0.00	0	8S	0	0.0	0.0	NO
STONEWALL	33	Lk	Likes fine sand	Likes				5	0.15	1	6E	310	2.4	31.0	YES
STONEWALL	34	Ln	Lincoln soils	Lincoln				5	0.17	2	5W	134	0.9	13.4	YES
STONEWALL	35	Ma	Mangum silty clay loam	Mangum				5	0.32	4	5W	86	1.7	8.6	YES
STONEWALL	36	MlB	Miles loamy fine sand, 0 to 3 percent slopes	Miles				5	0.20	2	3E	134	1.7	13.4	YES
STONEWALL	37	MlC	Miles loamy fine sand, 3 to 5 percent slopes	Miles				5	0.20	2	4E	134	3.9	13.4	YES
STONEWALL	38	MnA	Miles fine sandy loam, 0 to 1 percent slopes	Miles				5	0.24	3	2E	86	1.3	8.6	YES
STONEWALL	39	MnB	Miles fine sandy loam, 1 to 3 percent slopes	Miles				5	0.24	3	3E	86	2.2	8.6	YES
STONEWALL	40	MnC	Miles fine sandy loam, 3 to 5 percent slopes	Miles				5	0.24	3	3E	86	4.7	8.6	YES
STONEWALL	41	MnD	Miles fine sandy loam, 5 to 8 percent slopes	Miles				5	0.24	3	4E	86	6.7	8.6	YES
STONEWALL	42	NcB	Nipsum clay, 1 to 3 percent slopes	Nipsum				5	0.32	4	2E	86	2.9	8.6	YES
STONEWALL	43	Ns	Nobscott association	Nobscott				5	0.17	2	4E	134	1.4	13.4	YES
STONEWALL	44	OaB	Obaro very fine sandy loam, 1 to 3 percent slopes	Obaro				3	0.43	4	3E	86	6.5	14.3	YES
STONEWALL	45	OaC	Obaro very fine sandy loam, 3 to 5 percent slopes	Obaro				3	0.43	4	4E	86	14.0	14.3	YES
STONEWALL	46	Ob	Owens-Badland association	Owens (Vernon)				3	0.32	4	6E	86	11.4	14.3	YES
STONEWALL	47	Ob	Owens-Badland association	Badland				2	0.43	4	8E	86	23.0	21.5	YES
STONEWALL	48	PdA	Paducah very fine sandy, 0 to 1 percent slopes	Paducah				5	0.43	5	2C	56	2.3	5.6	NO
STONEWALL	49	PdB	Paducah very fine sandy, 1 to 3 percent slopes	Paducah				5	0.43	5	2E	56	3.9	5.6	NO
STONEWALL	50	PdC	Paducah very fine sandy, 3 to 5 percent slopes	Paducah				5	0.43	5	3E	56	8.4	5.6	YES
STONEWALL	51	QhB	Quanah silt loam, 1 to 3 percent slopes	Quanah				4	0.37	4	2E	56	4.2	7.0	NO
STONEWALL	52	Qr	Quinlan-Rough Broken Land complex	Quinlan				2	0.37	4	6E	86	19.8	21.5	YES
STONEWALL	53	Qr	Quinlan-Rough Broken Land complex	Rough Broken				5	0.24	3	7E	86	5.1	8.6	YES
STONEWALL	54	Ra	Randall clay	Randall				5	0.32	4	6W	86	1.7	8.6	YES
STONEWALL	55	RnA	Rotan clay loam, 0 to 1 percent slopes	Rotan				5	0.32	6	2C	48	1.7	4.8	NO
STONEWALL	56	Ro	Rough Broken Land	Rough Broken				5	0.24	3	7E	86	52.5	8.6	YES
STONEWALL	57	RwA	Rowena clay loam, 0 to 1 percent slopes	Rowena				5	0.32	6	2C	48	1.7	4.8	NO

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
STONEWALL	58	SgB	Springer loamy fine sand, 0 to 3 percent slopes	Springer				5	0.17	2	3E	134	1.4	13.4	YES
STONEWALL	59	SpA	St. Paul silt loam, 0 to 1 percent slopes	St. Paul				5	0.07	6	2C	48	0.4	4.8	NO
STONEWALL	60	Ta	Talpa-Yates complex	Talpa				1	0.32	4	7S	86	34.3	43.0	YES
STONEWALL	61	Ta	Talpa-Yates complex	Yates				1	0.32	8	7S	1	34.3	0.5	YES
STONEWALL	62	TcA	Tillman clay loam, 0 to 1 percent slopes	Tillman				5	0.32	6	2S	48	1.7	4.8	NO
STONEWALL	63	TcB	Tillman clay loam, 1 to 3 percent slopes	Tillman				5	0.32	6	3E	48	2.9	4.8	NO
STONEWALL	64	TpA	Tipton loam, 0 to 1 percent slopes	Tipton				5	0.37	5	1	56	2.0	5.6	NO
STONEWALL	65	Tr	Treadway soils	Treadway				5	0.32	4	3E	86	2.7	8.6	YES
STONEWALL	66	VeB	Vernon clay loam, 1 to 3 percent slopes	Vernon				3	0.37	4	4E	86	5.6	14.3	YES
STONEWALL	67	VeC	Vernon clay loam, 3 to 5 percent slopes	Vernon				3	0.37	4	4E	86	12.0	14.3	YES
STONEWALL	68	WoD	Woodward-Quinlan complex, rolling	Woodward				3	0.37	4	4E	86	27.5	14.3	YES
STONEWALL	69	WoD	Woodward-Quinlan complex, rolling	Quinlan				2	0.37	4	6E	86	41.3	21.5	YES
STONEWALL	70	Ym	Yomont very fine sandy loam	Yomont				5	0.49	3	2W	86	2.7	8.6	YES
STONEWALL	71	Yn	Yomont very fine sandy loam, frequently flooded	Yomont				5	0.49	3	5W	86	2.7	8.6	YES
STONEWALL	72	Yo	Yomont-Quinlan complex	Yomont				5	0.49	3	5W	86	2.7	8.6	YES
STONEWALL	73	Yo	Yomont-Quinlan complex	Quinlan				2	0.37	4	6E	86	19.8	21.5	YES

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
SWISHER	1	AcB	Acuff loam, 1 to 3 percent slopes	Acuff				5	0.28	6	3E	48	1.9	6.7	NO
SWISHER	2	BP	Bippus loam	Bippus				5	0.28	6	2W	48	1.1	6.7	NO
SWISHER	3	BU	Bippus loam, channeled	Bippus				5	0.28	6	5W	48	1.3	6.7	NO
SWISHER	4	DrB	Drake loam, 1 to 3 percent slopes	Drake				5	0.28	4	4E	86	1.9	12.0	YES
SWISHER	5	DrC	Drake loam, 3 to 5 percent slopes	Drake				5	0.28	4	6E	86	4.1	12.0	YES
SWISHER	6	Lc	Lipan clay	Lipan				5	0.32	4	4S	86	1.3	12.0	YES
SWISHER	7	Lo	Lofton clay loam	Lofton				5	0.32	6	3E	48	1.3	6.7	NO
SWISHER	8	MeA	Mansker and Estacado soils, 0 to 1 percent slopes	Mansker				3	0.28	4	3E	86	1.9	20.1	YES
SWISHER	9	MeA	Mansker and Estacado soils, 0 to 1 percent slopes	Estacado				5	0.32	4	3E	86	1.3	12.0	YES
SWISHER	10	MeB	Mansker and Estacado soils, 1 to 3 percent slopes	Mansker				3	0.28	4	3E	86	3.2	20.1	YES
SWISHER	11	MeB	Mansker and Estacado soils, 1 to 3 percent slopes	Estacado				5	0.32	4	3E	86	2.2	12.0	YES
SWISHER	12	MeC	Mansker and Estacado soils, 3 to 5 percent slopes	Mansker				3	0.28	4	4E	86	6.8	20.1	YES
SWISHER	13	MeC	Mansker and Estacado soils, 3 to 5 percent slopes	Estacado				5	0.28	4	4E	86	4.1	12.0	YES
SWISHER	14	MtD	Mansker-Tulia complex, 5 to 8 percent slopes	Mansker				3	0.28	4	6E	86	8.2	20.1	YES
SWISHER	15	MtD	Mansker-Tulia complex, 5 to 8 percent slopes	Tulia				3	0.28	4	6E	86	8.2	20.1	YES
SWISHER	16	OlA	Olton clay loam, 0 to 1 percent slopes	Olton				5	0.32	6	3E	48	1.3	6.7	NO
SWISHER	17	OlB	Olton clay loam, 1 to 3 percent slopes	Olton				5	0.32	6	3E	48	2.2	6.7	NO
SWISHER	18	Pt	Potter and Tulia soils	Potter				1	0.28	8	7S	1	35.1	0.7	YES
SWISHER	19	Pt	Potter and Tulia soils	Tulia				3	0.28	4	7S	86	8.2	20.1	YES
SWISHER	20	PuA	Pulman clay loam, 0 to 1 percent slopes	Pullman				5	0.32	6	3E	48	1.3	6.7	NO
SWISHER	21	PuB	Pulman clay loam, 1 to 3 percent slopes	Pullman				5	0.32	6	3E	48	2.2	6.7	NO
SWISHER	22	Ra	Randall clay	Randall				5	0.32	4	6W	86	1.3	12.0	YES
SWISHER	23	Ra	Randall clay Drained	Randall				5	0.32	4	4S	86	1.3	12.0	YES
SWISHER	24	Ro	Roscoe clay	Roscoe				5	0.32	4	4S	86	1.3	12.0	YES
SWISHER	25	Ro	Roscoe clay	Roscoe (Lipan Cool)				5	0.32	4	4S	86	1.3	12.0	YES
SWISHER	26	Ru	Rough Broken Land	Rough Broken Land				1	0.24	3	7E	86	66.5	60.2	YES
SWISHER	27	TlA	Tulia clay loam, 0 to 1 percent slopes	Tulia				3	0.28	4	4E	86	1.9	20.1	YES
SWISHER	28	TlB	Tulia clay loam, 1 to 3 percent slopes	Tulia				3	0.28	4	4E	86	3.2	20.1	YES
SWISHER	29	TuC	Tulia complex, 3 to 5 percent slopes	Tulia				3	0.28	4	4E	86	3.2	20.1	YES

All MAP UNITS **APPENDED PRE 1990 SOIL LIST FOR ZONE 1** **3/1/03**

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
Terry	1	AcA	ACUFF		L	0-1	90	5	.28	6	3e	48	0.6	7.2	No
Terry	2	AcB	ACUFF		L	1-3	90	5	.28	6	3e	48	1.8	7.2	No
Terry	3	AD	ACTIVE DUNES		FS	0-20	100	5	.20	1	8s	310	9.3	46.5	Yes
Terry	4	AfA	AMARILLO		FSL	0-1	90	5	.24	3	3e	86	0.6	12.9	Yes
Terry	5	AfB	AMARILLO		FSL	1-3	90	5	.24	3	3e	86	1.5	12.9	Yes
Terry	6	AMA	AMARILLO		FSL	0-1	63	5	.24	3	3e	86	0.6	12.9	Yes
Terry	7	AMA	ACUFF		L	0-1	7	5	.28	6	3e	48	0.6	7.2	No
Terry	8	AMT	AMARILLO		FSL	0-1	60	5	.24	3	3e	86	0.6	12.9	Yes
Terry	9	AMT	MIDESSA		FSL	0-1	21	4	.24	3	3e	86	0.7	16.1	Yes
Terry	10	AMT	TOKIO		FSL	0-1	12	5	.24	3	3e	86	0.6	12.9	Yes
Terry	11	ApB	ARVANA		LFS	1-5	85	2	.17	2	4e	134	5.0	50.3	Yes
Terry	12	ArA	ARCH		L	0-1	90	3	.37	4L	4e	86	1.4	21.5	Yes
Terry	13	ARV	ARVANA		FSL	0-1	70	2	.24	3	3e	86	1.4	32.3	Yes
Terry	14	AsA	ARCH		FSL	0-1	90	3	.28	3	4e	86	1.1	21.5	Yes
Terry	15	AvA	ARVANA		FSL	0-1	85	2	.24	3	3e	86	1.4	32.3	Yes
Terry	16	AvB	ARVANA		FSL	1-3	85	2	.24	3	3e	86	3.8	32.3	Yes
Terry	17	BcA	BIPPUS		CL	0-2	85	5	.28	6	2w	48	1.0	7.2	No
Terry	18	BHC	BROWNFIELD		FS	1-8	85	5	.15	1	6e	250	2.2	37.5	Yes
Terry	19	BnD	NUTIVOLI		FS	3-8	35	5	.15	1	6e	250	2.5	37.5	Yes
Terry	20	BnD	BROWNFIELD		FS	1-8	50	5	.15	1	6e	250	2.2	37.5	Yes
Terry	21	BP	BORROW PITS		PG	0-45	100	1	.10	8	8s	0	70.8	0.0	Yes
Terry	22	BPA	BROWNFIELD		FS	0-3	72	5	.15	1	6e	250	0.9	37.5	Yes
Terry	23	BPA	PATRICIA		LFS	0-3	8	5	.17	2	4e	134	1.0	20.1	Yes
Terry	24	BPY	BROWNFIELD		FS	0-3	20	5	.15	1	6e	250	0.9	37.5	Yes
Terry	25	BPY	PLAINS		FS	1-5	20	5	.15	1	6e	250	1.7	37.5	Yes
Terry	26	BPY	YOAKRAN		FS	1-5	17	5	.15	2	6e	250	1.7	37.5	Yes
Terry	27	BrB	BROWNFIELD		FS	0-3	90	5	.15	1	6e	250	0.9	37.5	Yes
Terry	28	CDA	CEDARLAKE		SCL	0-1	95	5	.32	4L	7w	86	0.7	12.9	Yes
Terry	29	DRC	DRAKE		L	1-8	90	4	.28	4L	6e	86	5.2	16.1	Yes
Terry	30	DRE	DRAKE		L	8-20	90	4	.28	4L	6e	86	19.5	16.1	Yes
Terry	31	EsA	ESTACADO		L	0-1	90	5	.28	5	3e	56	0.6	8.4	Yes
Terry	32	GoA	GOMEZ		LFS	0-2	85	5	.17	2	6e	134	0.6	20.1	Yes
Terry	33	KmB	KIMBERSON		GR-L	0-3	85	1	.20	5	6s	56	5.7	42.0	Yes
Terry	34	LDA	LEVELLAND		FSL	0-2	90	5	.24	3	2w	86	0.9	12.9	Yes
Terry	35	LDF	LANDFILL		VAR	1-20	100	---	---	---	8s	---	---	---	No
Terry	36	LHA	LENORAH		FSL	0-1	50	3	.24	3	3e	86	0.9	21.5	Yes
Terry	37	LHA	HINDMAN		FS	0-2	35	4	.15	1	6e	250	0.7	46.9	Yes
Terry	38	LMA	LAMESA		SC	0-1	95	5	.32	5	6w	56	0.7	8.4	Yes
Terry	39	LoA	LOFTON		CL	0-1	85	5	.32	6	3e	48	0.7	7.2	No
Terry	40	M-W	Misc. WATER		---	---	---	---	---	---	---	---	---	---	No
Terry	41	MdA	MIDESSA		FSL	0-1	85	4	.24	3	3e	86	0.7	16.1	Yes
Terry	42	MdB	MIDESSA		FSL	1-3	85	4	.24	3	3e	86	1.9	16.1	Yes
Terry	43	MDR	MIDESSA		FSL	0-1	18	4	.24	3	3e	86	0.7	16.1	Yes
Terry	44	MDR	DRAKE		L	1-8	30	4	.28	4L	6e	86	5.2	16.1	Yes
Terry	45	MLH	MIDESSA		FSL	3-8	31	4	.24	3	6e	86	5.0	16.1	Yes
Terry	46	MLH	LENORAH		FSL	0-1	12	3	.24	3	3e	86	0.9	21.5	Yes
Terry	47	MLH	HINDMAN		FS	0-2	9	4	.15	1	6e	250	0.7	46.9	Yes
Terry	48	MPC	MIDESSA		FSL	3-8	50	4	.24	3	6e	86	5.0	16.1	Yes
Terry	49	MPC	POSEY		FSL	3-8	35	3	.24	3	6e	86	6.6	21.5	Yes
Terry	50	MPD	MIDESSA		FSL	1-3	20	4	.24	3	3e	86	1.9	16.1	Yes
Terry	51	MPD	POTTER		GR-L	3-20	5	1	.15	8	7s	0	37.3	0.0	Yes
Terry	52	MPD	DRAKE		L	1-8	22	4	.28	4L	6e	86	5.2	16.1	Yes
Terry	53	MPP	MIDESSA		FSL	3-12	40	4	.24	3	6e	86	7.4	16.1	Yes
Terry	54	MPP	POTTER		GR-L	3-12	30	1	.15	8	7s	0	18.5	0.0	Yes
Terry	55	MPP	POSEY		FSL	3-12	20	3	.24	3	6e	86	9.9	21.5	Yes
Terry	56	PAB	PATRICIA		LFS	0-3	42	5	.17	2	4e	134	1.0	20.1	Yes
Terry	57	PAB	AMARILLO		LFS	0-3	42	5	.15	2	4e	134	0.9	20.1	Yes

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
Terry	58	PBM	POSEY		FSL	0-1	60	3	.24	3	3e	86	0.9	21.5	Yes
Terry	59	PBM	BIPPUS		CL	0-2	22	5	.28	6	2w	48	1.0	7.2	No
Terry	60	PBM	MIDESSA		FSL	0-1	10	4	.24	3	3e	86	0.7	16.1	Yes
Terry	61	PeA	PEP		L	0-1	85	4	.37	4L	3e	86	1.1	16.1	Yes
Terry	62	PeB	PEP		L	1-3	80	4	.37	4L	4e	86	2.9	16.1	Yes
Terry	63	PGE	POTTER		GR-L	3-20	80	1	.15	8	7s	0	37.3	0.0	Yes
Terry	64	PML	POSEY		FSL	0-1	28	3	.24	3	3e	86	0.9	21.5	Yes
Terry	65	PML	MIDESSA		FSL	0-1	23	4	.24	3	3e	86	0.7	16.1	Yes
Terry	66	PML	LEVELLAND		FSL	0-2	23	5	.24	3	2w	86	0.9	12.9	Yes
Terry	67	PoA	PORTALES		L	0-1	90	4	.37	4L	3e	86	1.1	16.1	Yes
Terry	68	PoB	PORTALES		L	1-3	90	4	.37	4L	4e	86	2.9	16.1	Yes
Terry	69	PsA	POSEY		FSL	0-1	90	3	.24	3	3e	86	0.9	21.5	Yes
Terry	70	PsB	POSEY		FSL	1-3	80	3	.24	3	3e	86	2.5	21.5	Yes
Terry	71	PsC	POSEY		FSL	3-8	80	3	.24	3	6e	86	6.6	21.5	Yes
Terry	72	PTA	PATRICIA		LFS	0-3	42	5	.17	2	4e	134	1.0	20.1	Yes
Terry	73	PTA	AMARILLO		LFS	0-3	42	5	.15	2	4e	134	0.9	20.1	Yes
Terry	74	PyN	PLAINS		FS	1-5	35	5	.15	1	6e	250	1.7	37.5	Yes
Terry	75	PyN	YOAKRAN		FS	1-5	30	5	.15	2	6e	250	1.7	37.5	Yes
Terry	76	PyN	NUTIVOLI		FS	3-8	25	5	.15	1	6e	250	2.5	37.5	Yes
Terry	77	RcA	RANCO		C	0-1	95	5	.32	7	6w	38	0.7	5.7	No
Terry	78	SGA	SEAGRAVES		FSL	0-1	90	5	.24	3	4e	86	0.6	12.9	Yes
Terry	79	ShB	SHARVANA		FSL	0-3	85	1	.24	3	6s	86	6.9	64.5	Yes
Terry	80	SL	SALT LAKE (INTERMITTENT WATER)		SR- SIC	0-1	100	---	---	---	7w	---	---	---	No
Terry	81	SpA	SPARENBERG		C	0-1	95	5	.32	7	4w	38	0.7	5.7	No
Terry	82	TkA	TOKIO		FSL	0-1	90	5	.24	3	3e	86	0.6	12.9	Yes
Terry	83	TkB	TOKIO		LFS	0-2	90	5	.17	2	4e	134	0.6	20.1	Yes
Terry	84	W	WATER		---	---	---	---	---	---	---	---	---	---	No
Terry	85	ZfA	ZITA		FSL	0-1	90	5	.24	3	3e	86	0.6	12.9	Yes
Terry	86	ZmA	ZITA		L	0-1	90	5	.28	5	3e	56	0.6	8.4	Yes

All MAP UNITS **APPENDED PRE 1990 SOIL LIST FOR ZONE 1** **3/1/03**

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
WHEELER	1	AbA	Abilene clay loam, 0 to 1 percent slopes	Abilene				5	0.37	6	2C	48	1.8	5.8	NO
WHEELER	2	AbB	Abilene clay loam, 1 to 3 percent slopes	Abilene				5	0.37	6	2E	48	3.0	5.8	NO
WHEELER	3	ABC	Abilene clay loam, 3 to 5 percent slopes	Abilene				5	0.37	6	3E	48	6.3	5.8	NO
WHEELER	4	AF	Altus fine sandy loam	Altus				5	0.24	3	2E	86	1.1	10.3	YES
WHEELER	5	BeC	Berda loam, dark surface, variant, 3 to 5 percent slopes	Berda Variant				5	0.28	6	4E	48	4.8	5.8	NO
WHEELER	6	BmD	Berda and Mansker soils, 5 to 8 percent slopes	Berda				5	0.28	4	6E	86	8.4	10.3	YES
WHEELER	7	BmD	Berda and Mansker soils, 5 to 8 percent slopes	Mansker				3	0.28	4	6E	86	11.4	17.2	YES
WHEELER	8	BpD	Berda and Potter soils, rolling	Berda				5	0.28	4	6E	86	13.2	10.3	YES
WHEELER	9	BpD	Berda and Potter soils, rolling	Potter				5	0.28	4	6E	86	13.2	10.3	YES
WHEELER	10	BrA	Bippus clay loam, 0 to 1 percent slopes	Bippus				5	0.28	6	2C	48	1.3	5.8	NO
WHEELER	11	BrB	Bippus clay loam, 1 to 3 percent slopes	Bippus				5	0.28	6	2E	48	2.2	5.8	NO
WHEELER	12	BrC	Bippus clay loam, 3 to 5 percent slopes	Bippus				5	0.28	6	3E	48	4.8	5.8	NO
WHEELER	13	Bt	Blown-out land-Tivoli complex	Blown Out Land				5	0.15	1	8S	310	2.2	37.2	YES
WHEELER	14	Bt	Blown-out land-Tivoli complex	Tivoli				5	0.17	1	7E	310	2.5	37.2	YES
WHEELER	15	CaA	Carey silt loam, 0 to 1 percent slopes	Carey				5	0.43	6	2C	48	1.3	5.8	NO
WHEELER	16	CaB	Carey silt loam, 1 to 3 percent slopes	Carey				5	0.43	6	2E	48	3.4	5.8	NO
WHEELER	17	Cm	Clairemont silt loam	Clairemont				5	0.43	4	2W	86	2.0	10.3	YES
WHEELER	18	CoB	Cobb loamy fine sand, loamy substratum, 1 to 3 percent slop	Cobb				3	0.20	2	3E	134	2.7	26.8	YES
WHEELER	19	CoC	Cobb loamy fine sand, loamy substratum, 3 to 5 percent slop	Cobb				3	0.20	2	4E	134	5.7	26.8	YES
WHEELER	20	DeB	Delwin fine sand, 0 to 3 percent slopes	Delwin				5	0.15	1	3E	310	1.1	37.2	YES
WHEELER	21	DfC3	Delwin soils, 2 to 5 percent slopes, severely eroded	Delwin				5	0.15	1	6E	310	2.4	37.2	YES
WHEELER	22	DlB	Devol loamy fine sand, 0 to 3 percent slopes	Devol				5	0.17	2	3E	134	1.2	16.1	YES
WHEELER	23	DlD	Devol loamy fine sand, 3 to 8 percent slopes	Devol				5	0.17	2	4E	134	3.6	16.1	YES
WHEELER	24	DmC3	Devol soils, undulating, severely eroded	Devol				5	0.17	2	6E	134	3.2	16.1	YES
WHEELER	25	DoA	Dodson silt loam, 0 to 1 percent slopes	Dodson				5	0.37	6	2C	48	1.8	5.8	NO
WHEELER	26	DoB	Dobson silt loam, 1 to 2 percent slopes	Dodson				5	0.37	6	2E	48	2.4	5.8	NO
WHEELER	27	Ga	Gageby clay loam, (Bippus)	Gageby (Bippus)				5	0.28	6	2W	48	1.3	5.8	NO
WHEELER	28	GdB	Grandfield loamy fine sand, 0 to 3 percent slopes	Grandfield				5	0.20	2	3E	134	1.5	16.1	YES
WHEELER	29	GdD	Grandfield loamy fine sand, 3 to 8 percent slopes	Grandfield				5	0.20	2	4E	134	4.2	16.1	YES
WHEELER	30	GfA	Grandfield fine sandy loam, 0 to 1 percent slopes	Grandfield				5	0.24	3	2E	86	1.1	10.3	YES
WHEELER	31	GfB	Grandfield fine sandy loam, 1 to 3 percent slopes	Grandfield				5	0.24	3	3E	86	1.9	10.3	YES
WHEELER	32	GfC	Grandfield fine sandy loam, 3 to 5 percent slopes	Grandfield				5	0.24	3	3E	86	4.1	10.3	YES
WHEELER	33	GfC2	Grandfield fine sandy loam, 3 to 5 percent slopes, er0ded	Grandfield				5	0.24	3	4E	86	4.1	10.3	YES
WHEELER	34	GrD3	Grandfield soils, 3 to 8 percent slopes, severely eroded	Grandfield				5	0.20	2	6E	134	4.2	16.1	YES
WHEELER	35	Gu	Guadalupe fine sandy loam	Guadalupe				4	0.28	3	2W	86	1.7	12.9	YES
WHEELER	36	GyC	Gypsum outcrop and Quinlan soils, undulating	Gypsum outcrop				1	0.10	8	8S	1	62.8	0.6	YES
WHEELER	37	GyC	Gypsum outcrop and Quinlan soils, undulating	Quinlan				2	0.37	4	4E	86	17.4	25.8	YES
WHEELER	38	HaC	Hardeman find sandy loam, 3 to 5 percent slopes	Hardeman				5	0.24	3	3E	86	4.1	10.3	YES
WHEELER	39	HaD	Hardeman fine sandy loam, 5 to 8 percent slopes	Hardeman				5	0.24	3	4E	86	5.9	10.3	YES
WHEELER	40	LkB	Likes loamy fine sand, 1 to 4 percent slopes	Likes				5	0.15	2	6E	134	1.6	16.1	YES
WHEELER	41	Ln	Lincoln soils	Lincoln				5	0.17	2	5W	134	0.8	16.1	YES
WHEELER	42	LuB	Lutie silt loam, 1 to 3 percent slopes	Lutie				5	0.43	6	3E	48	3.4	5.8	NO
WHEELER	43	LuC	Lutie silt loam, 3 to 5 percent slopes	Lutie				5	0.43	6	4E	48	7.3	5.8	NO
WHEELER	44	LwB	Lutie and Cottonwood soils, 1 to 4 percent slopes	Lutie				5	0.43	6	3E	48	4.5	5.8	NO
WHEELER	45	LwB	Lutie and Cottonwood soils, 1 to 4 percent slopes	Cottonwood				1	0.32	4	6S	86	16.8	51.6	YES
WHEELER	46	MaB	Mansker and Portales soils, 1 to 3 percent slopes	Mansker				3	0.28	4	4E	86	3.7	17.2	YES
WHEELER	47	MaB	Mansker and Portales soils, 1 to 3 percent slopes	Portales (Quanah)				4	0.37	4	2E	86	7.9	12.9	YES
WHEELER	48	MaC	Mansker and Portales soils, 3 to 5 percent slopes	Mansker				3	0.28	4	4E	86	6.9	17.2	YES
WHEELER	49	MaC	Mansker and Portales soils, 3 to 5 percent slopes	Portales (Quanah)				4	0.37	4	3E	86	6.9	12.9	YES
WHEELER	50	MrC	Mobeetie fine sandy loam, 1 to 5 percent slopes	Mobeette				3	0.24	3	4E	86	5.9	17.2	YES
WHEELER	51	MrD	Mobeette fine sandy loam, 5 to 8 percent slopes	Mobeette				3	0.24	3	6E	86	9.8	17.2	YES
WHEELER	52	MsD	Mobeetie and Potter soils, rolling	Mobeette				3	0.24	3	6E	86	18.9	17.2	YES
WHEELER	53	MsD	Mobeetie and Potter soils, rolling	Potter				1	0.24	3	7S	86	56.8	51.6	YES
WHEELER	54	ObC2	Obaro silt loam, 3 to 5 percent slopes, eroded	Obaro				3	0.43	4	4E	86	10.6	17.2	YES
WHEELER	55	OuD	Obaro and Quinlan soils, rolling	Obaro				3	0.43	4	6E	86	33.9	17.2	YES
WHEELER	56	OuD	Obaro and Quinlan soils, rolling	Quinlan				2	0.37	4	6E	86	43.8	25.8	YES
WHEELER	57	PaB	Paducah silt loam, 1 to 3 percent slopes	Paducah				5	0.43	5	2E	56	3.4	6.7	NO

COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
WHEELER	58	PaC	Paducah silt loam, 3 to 5 percent slopes	Paducah				5	0.43	5	3E	56	7.3	6.7	NO
WHEELER	59	PoB	Potter soils, 1 to 4 percent slopes	Potter				1	0.28	4	7S	86	14.7	51.6	YES
WHEELER	60	PrE	Potter and Berda soils, 8 to 15 percent slopes	Potter				1	0.28	4	7S	86	68.4	51.6	YES
WHEELER	61	PrE	Potter and Berda soils, 8 to 15 percent slopes	Berda				5	0.28	4	6E	86	13.7	10.3	YES
WHEELER	62	PtB	Pratt fine sand, 1 to 4 percent slopes	Pratt (Nobscot)				5	0.17	2	4E	134	1.8	16.1	YES
WHEELER	63	PuA	Pullman silty clay loam, 0 to 1 percent slopes	Pullman				5	0.37	7	3E	38	1.8	4.6	NO
WHEELER	64	Ro	Rough Broken Land	Rough Broken Land				5	0.24	3	7E	86	10.5	10.3	YES
WHEELER	65	Sw	Sweetwater soils	Sweetwater				3	0.28	7	5W	38	2.2	7.6	NO
WHEELER	66	TpA	Tipton loam, 0 to 1 percent slopes	Tipton (Texroy)				5	0.32	5	2C	56	1.5	6.7	NO
WHEELER	67	TpB	Tipton loam, 1 to 3 percent slopes	Tipton (Texroy)				5	0.32	5	2E	56	2.6	6.7	NO
WHEELER	68	Tv	Tivoli fine sand	Tivoli				5	0.17	1	7E	310	3.2	37.2	YES
WHEELER	69	VeC	Veal fine sandy loam, 1 to 6 percent slopes	Veal				4	0.24	3	4E	86	4.5	12.9	YES

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COUNTY	Rec	SYM	MAP UNIT NAME	COMPONENT	SURF TEXT	SLOPE %	COMP %	T	Kw	WEG	CAP	I	WATER EI	WIND EI	HEL
YOAKUM	1	Aa	Arch loam, thin surface	Arch				5	0.37	4	4E	86	1.1	13.8	YES
YOAKUM	2	Ac	Arch complex	Portales				5	0.37	4	3E	86	1.1	13.8	YES
YOAKUM	3	AfA	Amarillo fine sandy loam, 0 to 1 percent slopes	Amarillo				5	0.24	3	3E	86	0.7	13.8	YES
YOAKUM	4	AfB	Amarillo fine sandy loam, 1 to 3 percent slopes	Amarillo				5	0.24	3	3E	86	1.2	13.8	YES
YOAKUM	5	AmB	Amarillo loamy fine sand, 0 to 3 percent slopes	Amarillo				5	0.15	2	4E	86	0.8	13.8	YES
YOAKUM	6	AnB	Amarillo loamy fine sand, thin solum, 0 to 3 percent slopes	Amarillo				5	0.15	2	4E	86	0.8	13.8	YES
YOAKUM	7	AvA	Arvana fine sandy loam, 0 to 1 percent slopes	Arvana				2	0.24	3	3E	86	1.8	34.4	YES
YOAKUM	8	AvB	Arvana fine sandy loam, 1 to 3 percent slopes	Arvana				2	0.24	3	3E	86	3.1	34.4	YES
YOAKUM	9	AwA	Arvana fine sandy loam, shalow, 0 to 1 percent slopes	Arvana (Sharvana)				1	0.24	3	6S	86	3.7	68.8	YES
YOAKUM	10	Be	Berthoud-Potter complex	Berthud (Berda)				5	0.28	4	6E	86	3.4	13.8	YES
YOAKUM	11	Be	Berthoud-Potter complex	Potter				1	0.15	8	7S	1	9.0	0.8	YES
YOAKUM	12	Br	Brownfield fine sand, thick surface	Brownfield thick				5	0.15	1	6E	310	0.7	49.6	YES
YOAKUM	13	Bs	Brownfield fine sand, thin surface	Brownfield (Patricia)				5	0.15	3	4E	134	0.7	21.4	YES
YOAKUM	14	Bt3	Brownfield soils severely eroded	Brownfield (Patricia)				5	0.15	2	6E	134	0.7	21.4	YES
YOAKUM	15	Bv	Brownfield-Tivoli fine sands	Brownfield				5	0.17	1	7E	310	0.9	49.6	YES
YOAKUM	16	Bv	Brownfield-Tivoli fine sands	Tivoli (Circleback)				5	0.15	1	6E	310	1.4	49.6	YES
YOAKUM	17	DrB	Drake soils, 1 to 3 percent slopes	Drake				5	0.24	3	4E	86	0.7	13.8	YES
YOAKUM	18	Gf	Gomez fine sand	Gomez				5	0.17	2	6E	134	0.5	21.4	YES
YOAKUM	19	Gl	Gomez loamy fine sand	Gomez				5	0.17	2	6E	134	0.5	21.4	YES
YOAKUM	20	Km	Kimbrough soils	Kimbrough				1	0.37	4	6S	86	17.6	68.8	YES
YOAKUM	21	Ks	Kimbrough-Stegall complex	Kimbrough				1	0.37	4	6S	86	16.8	68.8	YES
YOAKUM	22	Ks	Kimbrough-Stegall complex	Stegall				2	0.32	6	3E	48	7.3	19.2	YES
YOAKUM	23	LeA	Lea loam, shallow, 0 to 1 percent slopes	Lea (Kimbrough)				1	0.37	4	6S	86	5.7	68.8	YES
YOAKUM	24	MfA	Mansker fine sandy loam, 0 to 1 percent slopes	Mansker (Veal)				4	0.24	3	4E	86	0.9	17.2	YES
YOAKUM	25	MfB	Mansker fine sandy loam, 1 to 3 percent slopes	Mansker (Veal)				4	0.24	3	4E	86	1.5	17.2	YES
YOAKUM	26	MkA	Mansker loam, 0 to 1 percent slopes	Mansker				3	0.24	4	4E	86	1.2	22.9	YES
YOAKUM	27	PfA	Portales fine sandy loam, 0 to 1 percent slopes	Portales (Midessa)				3	0.24	3	3E	86	1.2	22.9	YES
YOAKUM	28	PfB	Portales fine sandy loam, 1 to 3 percent slopes	Portales (Midessa)				3	0.24	3	3E	86	2.1	22.9	YES
YOAKUM	29	PmA	Portales loam, 0 to 1 percent slopes	Portales				5	0.37	4	3E	86	1.1	13.8	YES
YOAKUM	30	Rc	Randall clay	Randall				5	0.32	4	6W	86	1.0	13.8	YES
YOAKUM	31	Sb	Springer and Brownfield soils, moderately shallow	Springer (Arvana)				2	0.17	2	6E	134	2.0	53.6	YES
YOAKUM	32	Sb	Springer and Brownfield soils, moderately shallow	Brownfield (Arvana)				2	0.17	2	4E	134	2.0	53.6	YES
YOAKUM	33	Sg	Springer and Brownfield soils, shallow	Springer (Sharvana)				1	0.17	2	6S	134	4.0	107.2	YES
YOAKUM	34	Sg	Springer and Brownfield soils, shallow	Brownfield (Sharvana)				1	0.17	3	6S	134	4.4	107.2	YES
YOAKUM	35	Sp	Spur and Bippus soils	Spur				5	0.28	6	2W	48	0.9	7.7	NO
YOAKUM	36	Sp	Spur and Bippus soils	Bippus (Paloduro)				5	0.28	6	3W	48	0.9	7.7	NO
YOAKUM	37	StA	Stegall loam, 0 to 1 percent slopes	Stegall				2	0.32	6	3E	48	2.4	19.2	YES
YOAKUM	38	SuA	Stegall loam, shallow, 0 to 1 percent slopes	Stegall (Slaughter)				1	0.37	6	4S	48	5.7	38.4	YES
YOAKUM	39	Tx	Tivoli-Potter complex	Tivoli (Circleback)				5	0.17	1	7E	310	1.6	49.6	YES
YOAKUM	40	Tx	Tivoli-Potter complex	Potter				1	0.28	8	7S	1	13.4	0.8	YES
YOAKUM	41	ZfA	Zita fine sandy loam, 0 to 1 percent slopes	Zita				4	0.24	3	3E	86	0.9	17.2	YES
YOAKUM	42	ZmA	Zita loam, 0 to 1 percent slopes	Zita				4	0.28	5	3E	56	1.1	11.2	YES