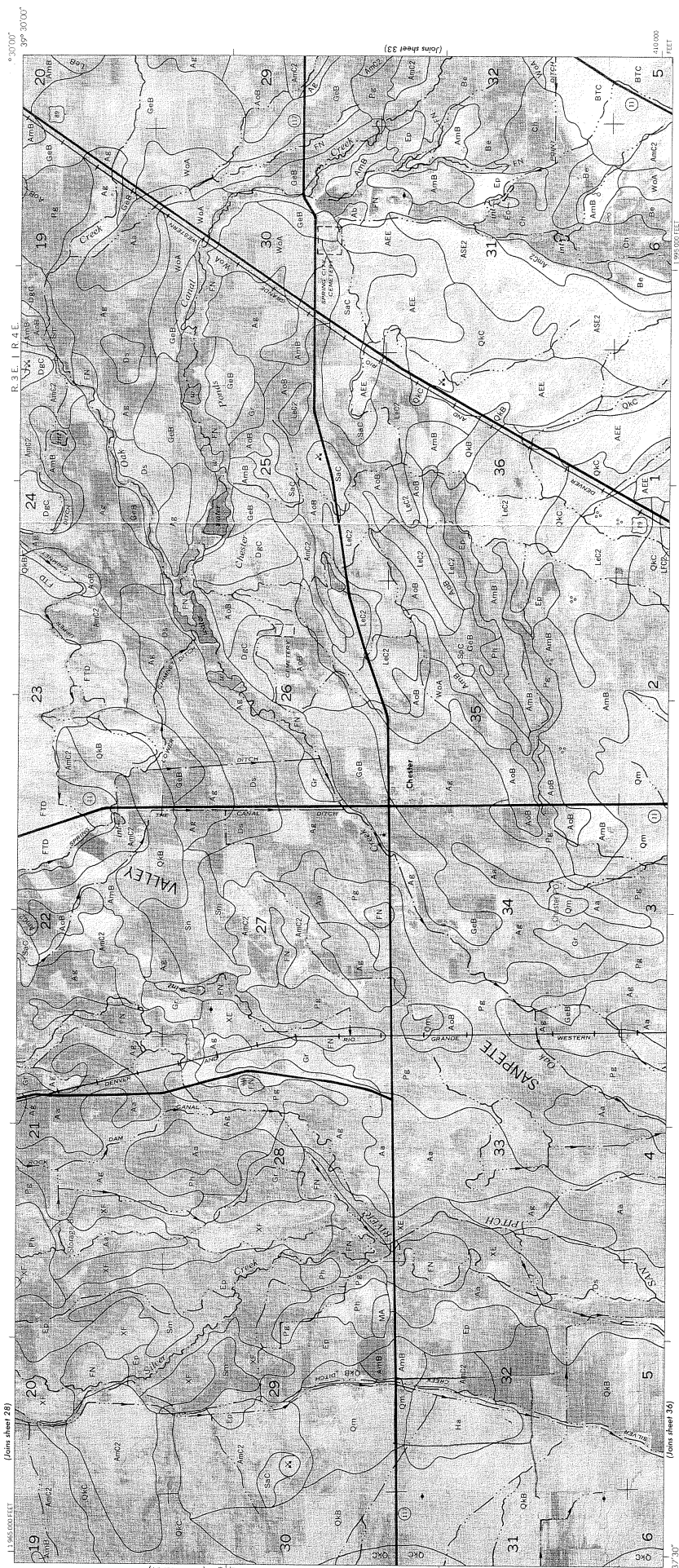


Appendix 2

Soil Type Listings

SANPETE VALLEY AREA, UTAH, PARTS OF UTAH AND SANPETE COUNTIES — SHEET NUMBER 32



39°27'30" N

109°30'00" W

(Join sheet 28)

(Join sheet 31)

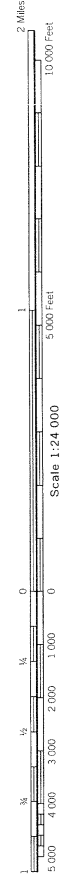
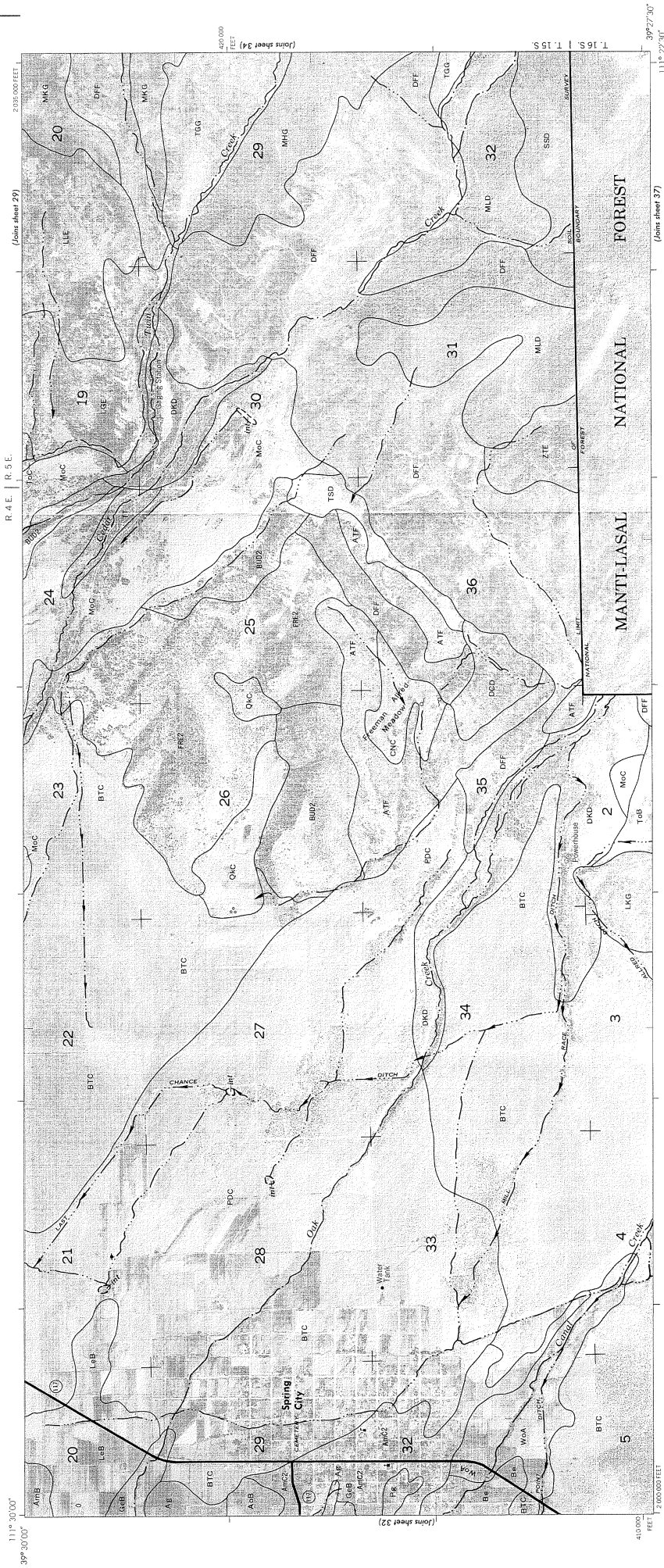
(Join sheet 33)

(Join sheet 34)

441,000 FEET



SANPETE VALLEY AREA, UTAH, PARTS OF UTAH AND SANPETE COUNTIES — SHEET NUMBER 33



111° 30' 00"

R 4 E | R 5 E

(Join sheet 29)

232,000 FEET

39° 27' 30"

410,000 FEET

(Join sheet 32)

(Join sheet 34)

400,000 FEET

111° 22' 30"

2,000,000 FEET

(Join sheet 37)

1,155

1,155

2,000,000 FEET

(Join sheet 37)

1,155

1,155

2,000,000 FEET

(Join sheet 37)

1,155

1,155

2,000,000 FEET

(Join sheet 37)

1,155

1,155

2,000,000 FEET

(Join sheet 37)

1,155

1,155

2,000,000 FEET

(Join sheet 37)

1,155

1,155

2,000,000 FEET

(Join sheet 37)

1,155

1,155

2,000,000 FEET

(Join sheet 37)

1,155

1,155

2,000,000 FEET

(Join sheet 37)

1,155

1,155

2,000,000 FEET

(Join sheet 37)

1,155

1,155

2,000,000 FEET

(Join sheet 37)

1,155

1,155

2,000,000 FEET

(Join sheet 37)

1,155

1,155

2,000,000 FEET

(Join sheet 37)

1,155

1,155

2,000,000 FEET

(Join sheet 37)

1,155

1,155

2,000,000 FEET

(Join sheet 37)

1,155

1,155

2,000,000 FEET

(Join sheet 37)

1,155

1,155

2,000,000 FEET

(Join sheet 37)

1,155

1,155

2,000,000 FEET

(Join sheet 37)

1,155

1,155

2,000,000 FEET

(Join sheet 37)

1,155

1,155

2,000,000 FEET

(Join sheet 37)

1,155

1,155

2,000,000 FEET

(Join sheet 37)

1,155

1,155

2,000,000 FEET

(Join sheet 37)

1,155

1,155

2,000,000 FEET

(Join sheet 37)

1,155

1,155

2,000,000 FEET

(Join sheet 37)

1,155

1,155

GUIDE TO MAPPING UNITS

[Wildlife groups are described on pages 116 and 117]

Map symbol	Mapping unit	Described on page	Capability unit		Range site	Page	Name	Page	Wildlife suitability group
			Symbol	Page					
Aa	Abcal silty clay loam---	11	-----	--	Vw-2	97	Wet Meadows	113	3212
Ab	Abcal silty clay loam, strongly saline-----	11	-----	--	VIIw-28	100	Salt Meadows	107	4424
Ac	Abcal-Cache complex-----	11	-----	--	VIIw-28	100	Salt Meadows	107	4424 4434
ADG	Adel silt loam, 40 to 80 percent slopes-----	11	-----	--	VIIe-H	99	High Mountain Loam	104	3141
AEE	Amtoft flaggy loam, 8 to 30 percent slopes-----	12	-----	--	VIIIs-S	100	Semi-desert Shallow Loam	109	4343
AFG2	Amtoft-Rock outcrop com- plex, 30 to 60 percent slopes, eroded-----	12	-----	--	VIIIs-S	100	Semi-desert Shallow Loam	109	4343
Ag	Anco silty clay loam----	13	IIIw-2	96	-----	---	-----	---	2121-I 2121
AHD	Ant Flat stony loam, 8 to 25 percent slopes--	14	-----	--	VIe-M	98	Mountain Loam	106	2141
AHE2	Ant Flat stony loam, 25 to 40 percent slopes, eroded-----	14	-----	--	VIe-M	98	Mountain Loam (Oak)	106	2141
AkC	Ant Flat loam, low rain- fall, 4 to 8 percent slopes-----	14	-----	--	IIIe-U	96	Upland Loam	110	2141
ALD	Ant Flat-Borvant com- plex, 4 to 25 percent slopes-----	14	-----	--	VIIs-U	99	Upland Loam	110	2141
	Ant Flat soil-----	--	-----	---	-----	---	Upland Shallow	111	3242
	Borvant soil-----	--	-----	---	-----	---	Hardpan (Juniper-Pinon)		
AmB	Arapien fine sandy loam, 1 to 2 percent slopes-	15	IIe-2	95	VIIe-S	99	Semi-desert Limy Loam	108	1141-I 3342
AmC2	Arapien fine sandy loam, 2 to 5 percent slopes, eroded-----	15	IIIe-2	95	VIIe-S	99	Semi-desert Limy Loam	108	1141-I 3342
AmD2	Arapien fine sandy loam, 5 to 10 percent slopes, eroded-----	15	IVe-2	97	VIIe-S	99	Semi-desert Limy Loam	108	3342
AnB	Arapien fine sandy loam, saline-alkali, 1 to 2 percent slopes-----	16	-----	--	VIIw-28	100	Alkali Bottoms	104	4434
AoB	Arapien fine sandy loam, wet, 1 to 2 percent slopes-----	16	IIIw-2	96	VIw-2	98	Semi-wet Meadows	110	2121-I 2121
ApC2	Arapien clay loam, grav- elly subsoil, 2 to 5 percent slopes, eroded-----	16	IIIe-2	95	VIIe-S	99	Semi-desert Limy Loam	108	1141-I 3342
ARD	Arapien-Calita complex, 2 to 15 percent slopes-----	16	-----	--	IVe-UZ	97	Upland Loam	110	3242

GUIDE TO MAPPING UNITS---Continued

Map symbol	Mapping unit	Described on page	Capability unit		Range site	Page	Wildlife suitability group
			Irrigated	Nonirrigated			
			Symbol	Page	Symbol	Page	Number
ASE2	Atepic shaly clay loam, 10 to 30 percent slopes, eroded-----	17	-----	--	VIIIs-U	101	Upland Shallow Shale (Juniper-Pinon) 112 4343
ATF	Atepic very cobbly silty clay loam, 8 to 40 percent slopes-----	17	-----	--	VIIIs-U	101	Upland Shallow Shale (Juniper-Pinon) 112 4343
AUF	Atepic clay loam, red variant-Rock outcrop complex, 30 to 50 percent slopes-----	18	-----	--	VIIIs-S	100	Semi-desert Shallow Loam 109 4343
AV	Atepic-Badland association----- Atepic soil-----	18	-----	--	VIIIs-U	101	Upland Shallow Shale (Juniper-Pinon) 112 4343
BA	Badland-----	18	-----	--	VIIIe-E	101	-----
BCE	Bagard very stony clay loam, 10 to 40 percent slopes-----	19	-----	--	VIIIs-U	101	Upland Stony Loam (Juniper-Pinon) 112 3242
BDE	Bagard-Sanpitch complex, 8 to 40 percent slopes-----	19	-----	--	VIIIs-U	101	Upland Stony Loam (Juniper-Pinon) 112 3242
Be	Beek silty clay loam----	20	IIIw-2	96	VIw-2	98	Semi-wet Meadows 110 2121-I 2121
BFD	Bezzant cobbly loam, 4 to 25 percent slopes--	21	IVs-24	97	VIIs-U	99	Upland Stony Loam 111 3242
BGE	Bezzant stony loam, 25 to 40 percent slopes--	21	-----	--	VIIs-U	99	Upland Stony Loam 111 3242
BH	Bezzant-Gappmayer-Rock land association, very steep----- Bezzant soil----- Gappmayer soil----- Rock land-----	21	-----	--	VIIIe-X	101	-----
Bm	Billings silty clay loam-----	22	IIIe-25	96	VIIIe-S	99	Semi-desert Loam 109 1141-I 3342
BnB	Birdow very fine sandy loam, 2 to 4 percent slopes-----	22	IIe-2	95	IVe-UZ	97	Upland Loam 110 1141-I 3242
BnC	Birdow very fine sandy loam, 4 to 8 percent slopes-----	23	IIIe-2	95	IVe-UZ	97	Upland Loam 110 1141-I 3242
BoB	Birdow silt loam, 2 to 4 percent slopes-----	23	IVs-24	97	-----	--	----- 1141-I
BRD2	Borvant cobbly loam, 8 to 25 percent slopes, eroded-----	23	-----	--	VIIIs-U	101	Upland Shallow Hardpan (Juniper-Pinon) 111 3242

GUIDE TO MAPPING UNITS--Continued

Map symbol	Mapping unit	Described on page	Capability unit		Range site	Page	Wildlife suitability group		
			Symbol	Page				Symbol	Page
BSE2	Borvant-Bagard complex, 10 to 40 percent slopes, eroded----- Borvant soil-----	24	-----	---	VIIIs-U	101	-----	3242	
	Bagard soil-----	---	-----	---			Upland Shallow Hardpan (Juniper-Pinon)	111	
							Upland Stony Loam (Juniper-Pinon)	112	
BTC	Borvant-Doyce complex, 2 to 10 percent slopes----- Borvant soil-----	25	-----	---	VIIs-U	99	-----	3242	
	Doyce soil-----	---	-----	---			Upland Shallow Hardpan (Juniper-Pinon)	111	
							Upland Loam	110	
BUD2	Borvant-Lodar complex, 8 to 25 percent slopes, eroded----- Borvant soil-----	25	-----	---	VIIIs-U	101	-----	3242	
	Lodar soil-----	---	-----	---			Upland Shallow Hardpan (Juniper-Pinon)	111	
							Upland Shallow Loam (Juniper-Pinon)	112	
BVG	Bradshaw very stony loam, 60 to 80 percent slopes-----	26	-----	---	VIIIe-X	101	-----	3242	
CaB	Calita loam, 2 to 4 percent slopes-----	27	IIe-2	95	IVe-UZ	97	Upland Loam	110	1141-I 3242
CaC	Calita loam, 4 to 8 percent slopes-----	27	IIIe-2	95	IVe-UZ	97	Upland Loam	110	1141-I 3242
Cb	Canburn silty clay loam-----	28	-----	---	Vw-2	97	Wet Meadows	113	3212
CcB	Centerfield silty clay loam, 1 to 2 percent slopes-----	28	IIe-2	95	VIIe-S	99	Semi-desert Loam	109	1141-I 3342
CcC2	Centerfield silty clay loam, 2 to 5 percent slopes, eroded-----	29	IIIe-2	95	VIIe-S	99	Semi-desert Loam	109	1141-I 3342
CDG	Cheadle very flaggy silt loam, 40 to 70 percent slopes-----	29	-----	---	VIIIs-M	100	Mountain Shallow Loam	107	3242
Ch	Chipman silty clay loam-----	30	-----	---	Vw-2	97	Wet Meadows	113	3212
Cm	Chipman complex-----	30	-----	---	Vw-2	97	Wet Meadows	113	3212
CNC	Clegg loam, 3 to 10 percent slopes-----	31	-----	---	IIIe-M	96	Mountain Loam	106	2141
CoC	Collard gravelly sandy loam, 4 to 8 percent slopes-----	32	IVs-24	97	VIIs-U	99	Upland Stony Loam	111	3242-I 3242
CRD	Collard stony sandy loam, 4 to 20 percent slopes-----	32	-----	---	VIIs-U	99	Upland Stony Loam (Juniper-Pinon)	112	3242

GUIDE TO MAPPING UNITS--Continued

Map symbol	Mapping unit	Described on page	Capability unit		Range site	Page	Wildlife suitability group	Number	
			Symbol	Page					
CsC	Crestline fine sandy loam, 2 to 5 percent slopes-----	33	-----	---	VIIe-S	98	Semi-desert Loam	109	3342
CU	Cryoborolls-----	33	-----	---	VIIe-H	99	High Mountain Stony Loam (Aspen)	105	3141
DAG	Daybell gravelly silt loam, 40 to 70 percent slopes-----	34	-----	---	VIIe-H	99	High Mountain Stony Loam (Aspen)	105	3141
DEG	Daybell-Flygare association, very steep-- Daybell soil-----	34	-----	---	VIIe-H	99	High Mountain Stony Loam (Aspen)	105	3141
	Flygare soil-----	---	-----	---	VIIIs-HC	100	-----	---	---
DcD	Deer Creek stony silt loam, 6 to 30 percent slopes-----	35	-----	---	VIIe-U	98	Upland Loam	110	2141
DED	Deer Creek stony silt loam, high rainfall, 6' to 25 percent slopes-----	35	-----	---	VIIe-M	98	Mountain Loam (Oak)	106	2141
DEE	Deer Creek stony silt loam, high rainfall, 25 to 40 percent slopes-----	36	-----	---	VIIe-M	98	Mountain Loam (Oak)	106	2141
DFE	Deer Creek-Mower complex, 25 to 50 percent slopes----- Deer Creek soil-----	36	-----	---	VIIe-M	98	Mountain Loam (Oak)	106	2141
	Mower soil-----	---	-----	---	-----	---	Mountain Shallow Loam	107	---
DgC	Denmark gravelly loam, 2 to 5 percent slopes-----	37	-----	---	VIIIs-S	100	Semi-desert Shallow Loam	109	4343
DhD	Donnardo cobbly loam, 4 to 16 percent slopes-----	38	-----	---	VIs-U	99	Upland Stony Loam	111	3242
DKD	Donnardo very stony loam, 4 to 16 percent slopes-----	38	-----	---	VIIIs-U	101	Upland Stony Loam (Juniper-Pinon)	112	3242
DLD	Donnardo bouldery loam, 4 to 16 percent slopes-----	38	-----	---	VIIIs-U	101	Upland Stony Loam	111	3242
DoB	Doyce loam, 2 to 4 percent slopes-----	39	IIe-2	95	IVe-UZ	97	Upland Loam	110	1141-I 3242
DoC	Doyce loam, 4 to 8 percent slopes-----	39	IIIe-2	95	IVe-UZ	97	Upland Loam	110	1141-I 3242
DrB	Doyce loam, wet, 2 to 4 percent slopes-----	39	IIe-2	95	-----	---	-----	---	1141-I
Ds	Dyrenge silty clay-----	40	IIIw-2	96	-----	---	-----	---	1141-I

GUIDE TO MAPPING UNITS--Continued

Map symbol	Mapping unit	Described on page	Irrigated		Nonirrigated		Range site		Wildlife suitability group
			Symbol	Page	Symbol	Page	Name	Page	
Dy	Dyreng silty clay, strongly saline-----	40	-----	--	VIIw-28	100	Alkali Bottoms	104	4424
Ep	Ephraim silty clay loam-----	41	IIIw-2	96	VIw-2	98	Semi-wet Meadows	110	2121-I
FN	Fluvaquents-----	41	-----	--	Vw-2	97	Wet Meadows	113	2121
FOD	Fontreen cobbly loam, 4 to 20 percent slopes--	43	-----	--	VIIs-U	99	Upland Stony Loam (Juniper-Pinon)	112	3212
FRE2	Fontreen very cobbly loam, 20 to 40 percent slopes, eroded-----	43	-----	--	VIIIs-U	101	Upland Stony Loam (Juniper-Pinon)	112	3242
FRG2	Fontreen very cobbly loam, 40 to 70 percent slopes, eroded-----	43	-----	--	VIIIs-U	101	Upland Stony Loam (Juniper-Pinon)	112	3242
FSD2	Fontreen-Borvant complex, 4 to 25 percent slopes, eroded-----	43	-----	--	VIIs-U	99	-----	---	3242
	Fontreen soil-----	--	-----	--	-----	---	Upland Stony Loam (Juniper-Pinon)	112	
	Borvant soil-----	--	-----	--	-----	---	Upland Shallow Hardpan (Juniper-Pinon)	111	
FTD	Freedom-Amtoft complex, 2 to 30 percent slopes-----	44	-----	--	VIe-S	98	-----	---	
	Freedom soil-----	--	-----	--	-----	---	Semi-desert Loam	109	1141-I
	Amtoft soil-----	--	-----	--	-----	---	Semi-desert Shallow Loam	109	3342
GeB	Genola loam, 0 to 2 percent slopes-----	46	IIe-2	95	VIIe-S	99	Semi-desert Loam	109	4343
GeC2	Genola loam, 2 to 5 percent slopes, eroded---	46	IIIe-2	95	VIIe-S	99	Semi-desert Loam	109	1141-I
GeD2	Genola loam, 5 to 10 percent slopes, eroded-----	46	IVe-2	97	VIIe-S	99	Semi-desert Loam	109	3342
GkB	Genola loam, alkali, 0 to 2 percent slopes---	46	-----	--	VIIIs-S8	100	Semi-desert Alkali Flats	108	1141-I
GOF2	Gothic stony loam, 25 to 40 percent slopes, eroded-----	47	-----	--	VIe-H	98	High Mountain Loam	104	3342
Gr	Green River loam-----	48	IIIw-2	96	VIw-2	98	Semi-wet Meadows	110	2121
Gu	Gullied land-----	48	-----	--	VIIIe-E	101	-----	---	2121
Ha	Harding silt loam-----	49	-----	--	VIIIs-S8	100	Semi-desert Alkali Flats	108	4434
HED	Harkers silt loam, 6 to 25 percent slopes-----	49	-----	--	VIe-M	98	Mountain Loam (Oak)	106	2141
HKE	Harkers stony silt loam, 25 to 40 percent slopes-----	49	-----	--	VIe-M	98	Mountain Loam (Oak)	106	2141

GUIDE TO MAPPING UNITS--Continued

Map symbol	Mapping unit	Described on page	Irrigated		Nonirrigated		Range site	Page	Wildlife suitability group
			Symbol	Page	Symbol	Page			
KcB	Keigley silty clay loam, 2 to 4 percent slopes-	50	IIe-2	95	IVe-UZ	97	Upland Loam	110	1141-I 3242
KEG	Kitchell gravelly loam, 40 to 70 percent slopes-----	51	-----	--	VIIIs-HC	100	-----	---	3141
KM	Kitchell-Mower associa- tion-----	51	-----	--	VIIIs-HC	100	-----	---	3141
	Kitchell soil----- Mower soil-----	--	-----	--	VIIs-M	99	Mountain Stony Loam	107	2141
Kp	Kjar peaty silt loam----	52	-----	--	VIIw-28	100	Salt Meadows	107	4424
LdB	Linoyer very fine sandy loam, 1 to 2 percent slopes-----	53	IIe-2	95	VIIe-S	99	Semi-desert Loam	109	1141-I 3342
LdC2	Linoyer very fine sandy loam, 2 to 5 percent slopes, eroded-----	53	IIIe-2	95	VIIe-S	99	Semi-desert Loam	109	1141-I 3342
LeB	Lisade loam, 1 to 2 per- cent slopes-----	54	IIe-2	95	VIIe-S	99	Semi-desert Limy Loam	108	1141-I 3342
LeC2	Lisade loam, 2 to 5 per- cent slopes, eroded---	54	IIIe-2	95	VIIe-S	99	Semi-desert Limy Loam	108	1141-I 3342
LFC2	Lisade-Sanpete complex, 2 to 5 percent slopes, eroded-----	54	-----	--	VIIe-S	99	-----	---	3342
	Lisade soil-----	--	-----	--	-----	--	Semi-desert Limy Loam	108	
	Sanpete soil-----	--	-----	--	-----	--	Semi-desert Stony Loam	109	
LGE	Lizzant very cobbly loam, 20 to 40 percent slopes -----	55	-----	--	VIIs-M	99	Mountain Stony Loam	107	3342
LHD	Lizzant stony loam, 4 to 20 percent slopes-----	55	-----	--	VIIs-M	99	Mountain Stony Loam	107	3242
LKG	Lizzant very stony loam, 40 to 60 percent slopes-----	55	-----	--	VIIIs-M	100	Mountain Stony Loam	107	3242
LLE	Lizzant-Clegg complex, 3 to 40 percent slopes--	55	-----	--	VIIs-M	99	-----	---	
	Lizzant soil----- Clegg soil-----	--	-----	--	-----	--	Mountain Stony Loam	107	3242
LMF	Lizzant-Mower complex, 25 to 60 percent slopes-----	55	-----	--	VIIIs-M	100	Mountain Stony Loam	107	3242
	Lizzant soil-----	--	-----	--	-----	--	Mountain Loam	106	2141
LNE	Lizzant-Sedwell complex, 5 to 40 percent slopes-----	55	-----	--	VIIs-M	99	-----	---	
	Lizzant soil-----	--	-----	--	-----	--	Mountain Stony Loam	107	3242
	Sedwell soil-----	--	-----	--	-----	--	Mountain Loam (Oak)	106	2141

GUIDE TO MAPPING UNITS--Continued

Map symbol	Mapping unit	on page	Capability unit				Range site	Page	Wildlife suitability group
			Described	Irrigated	Nonirrigated				
			Symbol	Page	Symbol	Page	Name		Number
LOF	Lizzant-Kitchell association, steep slopes	56	-----	---	VIIIs-M	100	Mountain Stony Loam	107	3242
	Lizzant soil	---	-----	---	VIIIs-HC	100	-----	---	3141
LRE	Lodar very channery loam, 8 to 40 percent slopes	56	-----	---	VIIIs-U	101	Upland Shallow Loam (Juniper-Pinon)	112	3242
LSG	Lodar-Fontreen complex, 40 to 70 percent slopes	57	-----	---	VIIIs-U	101	-----	---	3242
	Lodar soil	---	-----	---			Upland Shallow Loam (Juniper-Pinon)	112	
	Fontreen soil	---	-----	---			Upland Stony Loam (Juniper-Pinon)	112	
LTE	Lodar-Rock outcrop complex, 8 to 40 percent slopes	57	-----	---	VIIIs-U	101	-----	---	3242
	Lodar soil	---	-----	---			Upland Shallow Loam (Juniper-Pinon)	112	3242
	Rock outcrop	---	-----	---			-----	---	4444
LTG	Lodar-Rock outcrop complex, 40 to 70 percent slopes	57	-----	---	VIIIs-U	101	-----	---	3242
	Lodar soil	---	-----	---			Upland Shallow Loam (Juniper-Pinon)	112	3242
	Rock outcrop	---	-----	---			-----	---	4444
LUE	Lundy channery silt loam, 5 to 40 percent slopes	57	-----	---	VIIs-M	99	Mountain Shallow Loam	107	3242
MA	Manassa-Mellor complex	58	-----	---	VIIIs-SB	100	Semi-desert Alkali Flats	108	4434
MbC	Manila loam, 3 to 10 percent slopes	59	-----	---	IIIe-M	96	Mountain Loam (Oak)	106	2141
McB	Mayfield shaly loam, 2 to 5 percent slopes	60	-----	---	VIIe-S	99	Semi-desert Loam	109	3342
McB2	Mayfield shaly loam, 2 to 5 percent slopes, eroded	60	-----	---	VIIe-S	99	Semi-desert Loam	109	3342
Md	Mellor silt loam	61	-----	---	VIIIs-SB	100	Semi-desert Alkali Flats	108	4434
Me	Mellor silt loam, leached surface	61	-----	---	VIe-S	98	Semi-desert Loam	109	3342
MfC	Moroni silty clay, 2 to 8 percent slopes	61	IIIe-25	96	IVe-UZ	97	Upland Clay	111	1141-I
MGD	Moroni-Atepic complex, 2 to 30 percent slopes	61	-----	---	IVe-UZ	97	-----	---	3242
	Moroni soil	---	-----	---			Upland Clay	111	4343
	Atepic soil	---	-----	---			Upland Shallow Shale (Juniper-Pinon)	112	

GUIDE TO MAPPING UNITS--Continued

Map symbol	Mapping unit	Described on page	Capability unit		Range site	Page	Wildlife suitability group	
			Irrigated	Nonirrigated				
			Symbol	Page	Name	Page	Number	
MHG	Mortenson silt loam, 40 to 70 percent slopes---	62	-----	---	VIIIs-HC	100	-----	3141
MKG	Mortenson-Skylick association, very steep--- Mortenson soil----- Skylick soil-----	62 --- ---	----- ----- -----	--- --- ---	VIIIs-HC VIIIs-HC VIIIs-H	100 100 99	----- ----- High Mountain Loam (Aspen)	3141 ----- 105
MLD	Mortenson fine sandy loam, thin solum variant, 8 to 30 percent slopes-----	63	-----	---	VIIIs-HC	100	-----	3141
MmC	Mountainville very stony sandy loam, 2 to 8 percent slopes-----	65	-----	---	VIIIs-U	101	Upland Stony Loam	111 3242
MnC	Mountainville very stony loam, cool, 3 to 10 percent slopes-----	65	-----	---	VIIs-M	99	Mountain Stony Loam	107 3242
MoC	Mountainville-Doyce complex, 2 to 8 percent slopes----- Mountain soil----- Doyce soil-----	65 --- ---	----- ----- -----	--- --- ---	VIIIs-U	101	----- Upland Stony Loam Upland Loam	----- 111 110
MrD	Mountainville cobbly fine fine sandy loam, hardpan variant, 4 to 20 percent slopes-----	66	-----	---	VIIs-U	99	Upland Stony Loam	111 3242
MSD	Mower clay loam, 5 to 30 percent slopes-----	67	-----	---	VIIs-M	99	Mountain Stony Loam	107 2141
MTD	Mower stony clay loam, 5 to 30 percent slopes---	67	-----	---	VIIs-M	99	Mountain Stony Loam	107 2141
MUF2	Mower very stony loam, 25 to 50 percent slopes, eroded-----	67	-----	---	VIIIs-M	100	Mountain Stony Loam	107 3242
MVE	Mower-Lundy complex, 5 to 40 percent slopes--- Mower soil----- Lundy soil-----	67 --- ---	----- ----- -----	--- --- ---	VIIs-M	99	----- Mountain Stony Loam Mountain Shallow Loam	----- 107 2141 107 3242
ObC	Obrast clay loam, low rainfall, 2 to 8 percent slopes-----	68	-----	---	IIIIs-U	96	Upland Clay	111 3242
OCD	Obrast silty clay, 4 to 25 percent slopes-----	68	-----	---	VIIs-M	98	Mountain Clay	106 2141
ODD	Obrast silty clay, shale substratum, 8 to 25 percent slopes-----	68	-----	---	VIIs-M	98	Mountain Clay	106 2141
Pac	Pavant loam, 4 to 8 percent slopes-----	69	-----	---	VIIIs-U	101	Upland Shallow Hardpan (Juniper-Pinon)	111 3242

GUIDE TO MAPPING UNITS--Continued

Map symbol	Mapping unit	Described on page	Irrigated		Nonirrigated		Range site	Page	Wildlife suitability group
			Symbol	Page	Symbol	Page			
PDC	Pavant-Doyce complex, 2 to 8 percent slopes----- Pavant soil----- Doyce soil-----	70 -- --	-----	--	VIIs-U	99	-----	111	3242
Pe	Peteetneet peat-----	70	-----	--	Vw-2	97	-----	110	3212
Pg	Poganeab silt loam-----	71	-----	--	Vw-2	97	-----	113	3212
Ph	Poganeab silt loam, strongly saline-alkali-----	71	-----	--	VIIw-28	100	-----	107	4424
Pk	Poganeab silt loam, high lime variant-----	72	-----	--	Vw-2	97	-----	113	3212
PRF	Pritchett stony fine sandy loam, 30 to 70 percent slopes-----	72	-----	--	VIIe-H	99	-----	104	3141
PTE	Pritchett silt loam, 20 to 40 percent slopes--	72	-----	--	VIe-H	98	-----	105	3141
QkA	Quaker silty clay loam, 1 to 2 percent slopes--	73	IIe-2	95	VIIe-S	99	-----	109	1141-I 3342
QkC	Quaker silty clay loam, 2 to 5 percent slopes--	73	IIIe-2	95	VIe-S	98	-----	109	1141-I 3342
Qm	Quaker and Mellor soils--	73	-----	--	VIIIs-S8	100	-----	108	4434
RaC	Rapho gravelly fine sandy loam, 2 to 5 percent slopes-----	74	IIIe-2	95	VIIe-S	99	-----	109	3342
RaD	Rapho gravelly fine sandy loam, 5 to 10 percent slopes-----	74	IVe-2	97	VIIe-S	99	-----	109	3342
RLB	Ravola loam, 1 to 2 percent slopes-----	75	IIe-2	95	VIIe-S	99	-----	109	1141-I 3342
RLC	Ravola loam, 2 to 5 percent slopes-----	75	IIIe-2	95	VIIe-S	99	-----	109	1141-I 3342
RLG2	Ravola loam, 2 to 5 percent slopes, eroded--	75	-----	--	VIIe-S	99	-----	109	3342
RO	Rock land-----	76	-----	--	VIIIIs-X	101	-----	-----	4444
SaC	Sanpete gravelly fine sandy loam, 2 to 5 percent slopes-----	76	IVs-24	97	VIIIs-S	100	-----	109	3242-I 4343
SbD2	Sanpete cobbly fine sandy loam, 5 to 10 percent slopes, eroded-----	76	-----	--	VIIIs-S	100	-----	109	4343
ScE2	Sanpete stony fine sandy loam, 5 to 30 percent slopes, eroded-----	77	-----	--	VIIIs-S	100	-----	109	4343
SDE	Sanpitch very stony loam, 8 to 40 percent slopes--	77	-----	--	VIIs-U	99	-----	112	3242

GUIDE TO MAPPING UNITS--Continued

Map symbol	Mapping unit	Described on page	Capability unit		Range site	Page	Wildlife suitability group		
			Irrigated	Nonirrigated					
			Symbol	Page	Name		Number		
SEE	Sanpitch-Obrast complex, 8 to 40 percent slopes-----	78	-----	---	VIIIs-U	101	-----	3242	
	Sanpitch soil-----	---	-----	---	-----	---	Upland Stony Loam (Juniper-Pinon)		112
	Obrast soil-----	---	-----	---	-----	---	Upland Clay		111
SFD	Sanpitch loam, red variant, 10 to 30 percent slopes-----	78	-----	---	VIIs-U	99	Upland Stony Loam (Juniper-Pinon)	112	3242
SH	Shaly colluvial land----	79	-----	---	VIIIs-S	100	Semi-desert Shallow Loam	109	4343
Sm	Shumway silty clay loam-----	80	-----	---	Vw-2	97	Wet Meadows	113	3212
Sn	Shumway silty clay loam, drained-----	80	IIIw-2	96	-----	---	-----	---	2121-I
SoD2	Sigurd cobbly fine sandy loam, 5 to 10 percent slopes, eroded-----	81	-----	---	VIIIs-S	100	Semi-desert Stony Loam	109	3242-I 4343
SpC	Sigurd gravelly loam, 1 to 5 percent slopes---	81	IVs-24	97	VIIIs-S	100	Semi-desert Stony Loam	109	3242-I 4343
SrB	Skumpah silt loam, 1 to 2 percent slopes-----	82	-----	---	VIIIs-S8	100	Semi-desert Alkali Flats	108	4434
SrC2	Skumpah silt loam, 2 to 5 percent slopes, eroded-----	82	-----	---	VIIIs-S8	100	Semi-desert Alkali Flats	108	4434
SSD	Skylick silt loam, 4 to 30 percent slopes-----	83	-----	---	VIe-H	98	High Mountain Loam (Aspen)	105	3141
SSF	Skylick silt loam, 30 to 70 percent slopes-----	83	-----	---	VIIe-H	99	High Mountain Loam (Aspen)	105	3141
StB	Snake Hollow gravelly fine sandy loam, 2 to 4 percent slopes-----	84	IIe-2	95	VIe-U	98	Upland Loam	110	1141-I 3242
TGG	Tingey-Rock outcrop complex, 40 to 70 percent slopes-----	85	-----	---	VIIIs-M	100	-----	---	3141
	Tingey soil-----	---	-----	---	-----	---	Mountain Loam (Oak)	106	
TGH	Rock outcrop-----	---	-----	---	-----	---	-----	---	4444
	Tingey-Rock outcrop complex, 70 to 80 percent slopes-----	85	-----	---	VIIIe-X	101	-----	---	
ToB	Tingey soil-----	---	-----	---	-----	---	-----	---	3141
	Rock outcrop-----	---	-----	---	-----	---	-----	---	
ToB	Toehead silt loam, 2 to 4 percent slopes-----	86	IIIe-3	95	IIIe-U	96	Upland Loam	110	2141-I 2141
ToC	Toehead silt loam, 4 to 8 percent slopes-----	86	IIIe-3	95	IIIe-U	96	Upland Loam	110	2141-I 2141
TSD	Toehead silt loam, thin surface variant, 4 to 20 percent slopes-----	86	-----	---	IIIe-U	96	Upland Loam	110	2141

GUIDE TO MAPPING UNITS--Continued

Map symbol	Mapping unit	Described on page	Capability unit		Range site		Wildlife suitability group		
			Irrigated	Nonirrigated	Name	Page			
			Symbol	Page	Symbol	Page	Name	Page	Number
TF	Torrifluvents and Torriorthents, stony--	87	-----	--	VIIIs-S	100	Semi-desert Stony Loam	109	3342
TVD	Toze gravelly loam, 4 to 25 percent slopes-----	87	-----	--	VIe-H	98	High Mountain Loam	104	3141
WAC	Wales loam, 2 to 8 percent slopes-----	88	-----	--	IVe-UZ	97	Upland Loam	110	3242
WcA	Wales silty clay loam, low rainfall, 0 to 2 percent slopes-----	88	IIe-2	95	VIIe-S	99	Semi-desert Loam	109	1141-I 3342
WcB	Wales silty clay loam, low rainfall, 2 to 5 percent slopes-----	88	IIIe-2	95	VIIe-S	99	Semi-desert Loam	109	1141-I
WDE	Wallsburg very stony loam, 20 to 40 percent slopes-----	89	-----	--	VIIIs-M	100	Mountain Shallow Loam	107	3242
WEG	Wallsburg-Rock outcrop complex, 40 to 70 percent slopes-----	89	-----	--	VIIIs-M	100	Mountain Shallow Loam	107	3242
	Wallsburg soil-----	--	-----	--	-----	-----	-----	-----	4444
	Rock outcrop-----	--	-----	--	-----	-----	-----	-----	-----
WGD	Watkins Ridge stony loam, high rainfall, 4 to 25 percent slopes-----	90	-----	--	VIe-M	98	Mountain Loam	106	2141
WhB	Watkins Ridge silt loam, 1 to 6 percent slopes-----	90	IIIe-3	95	IIIe-U	96	Upland Loam	110	2141-I 2141
WoA	Woodrow silty clay loam, 0 to 2 percent slopes-----	91	IIe-2	95	VIIe-S	99	Semi-desert Loam	109	1141-I 3342
WoC2	Woodrow silty clay loam, 2 to 5 percent slopes, eroded-----	91	IIIe-2	95	VIIe-S	99	Semi-desert Loam	109	1141-I 3342
XE	Xerofluvents and Fluvaquents-----	91	-----	--	VIw-2	98	Semi-wet Meadows	110	2121
XF	Xerofluvents and Fluvaquents, saline---	91	-----	--	VIIw-28	100	Alkali Bottoms	104	4424
YHE	Yeates Hollow stony silt loam, 20 to 40 percent slopes-----	92	-----	--	VIIs-M	99	Mountain Stony Loam	107	3242
ZSE	Zeesix stony silt loam, 8 to 40 percent slopes-----	93	-----	--	VIe-H	98	High Mountain Loam	104	3141
ZTE	Zeesix-Toze complex, 4 to 40 percent slopes--	93	-----	--	VIe-H	98	High Mountain Loam	104	3141