Series Name	Temp	Moist	Elevation	Precip	MAAT	Winter	Summer	MAST	Summer	FFP
Lorella	Mesic	Xeric	4,140-4,400	13-15	46-48	27-30 (Win)	60-62 (Sum)	49-51	57-62	60-90
Widmer	Mesic	Xeric	4,140-4,400	13-15	46-48	27-30 (Win)	60-62 (Sum)	49-51	57-62	60-90
Woolencanyon	Mesic	Xeric	4,200-5,000	14-16	45-47	27-30 (Jan)	57-62 (July)	47-49	60-62	60-90
Notchcorral	Mesic	Xeric	4,200-5,000	14-16	45-47	27-30 (Jan)	57-62 (July)	47-49	60-62	60-90
Wonser	Mesic	Xeric	4,200-5,000	14-16	45-47	27-30 (Jan)	57-62 (July)	47-49	60-62	60-90
Grohs	Mesic	Xeric	4,700-5,200	16-18	45-47	27-30 (Jan)	60-65 (July)	47-49	60-62	60-90
Carrbutte	Mesic	Xeric	4,700-5,200	16-18	45-47	27-30 (Jan)	60-65 (July)	47-49	60-62	60-90
Aspect Soil		•				• • •	• · • •			•
Drakce	Mesic	Xeric	4,400-5,300	16-18	45-47	27-30 (Jan)	60-65 (July)	47-49	60-62	60-90
<b>Big Sagebrush S</b>	Soils	•				• • •	• · • •			
Devaul	Frigid	Xeric	4,900-5,100	17-19	43-45	25-28 (Jan)	60-65 (July)	45-47	59-61	50-80
Teeltruc	Frigid	Xeric	4,800-5,000	17-19	43-45	25-28 (Jan)	56-60 (July)	45-47	59-61	50-80
Noncommercial	Forest	•				• • •	• · • •			•
Schnipps	Frigid	Xeric	4,800-5,400	17-20	43-45	25-28 (Jan)	56-60 (July)	45-47	59-61	50-80
Bumpheads	Frigid	Xeric	4,800-5,200	17-19	43-45	25-28 (Jan)	56-60 (July)	45-47	59-61	50-80
Menbo	Frigid	Xeric	4,380-5,300	14-18	43-45	25-28 (Jan)	56-60 (July)	45-47	59-61	50-80
Royst	Frigid	Xeric	4,700-5,200	17-19	43-45	25-28 (Jan)	56-60 (July)	45-47	59-61	50-80
<b>Commercial For</b>	rest	•								•
Benhall	Frigid	Xeric	4,800-5,400	18-20	43-45	25-28 (Jan)	56-60 (July)	45-47	59-61	50-80
Mound	Frigid	Xeric	4,700-5,400	18-20	43-45	25-28 (Jan)	56-60 (July)	45-47	59-61	50-80
Tallboy	Frigid	Xeric	4,900-5,300	18-20	43-45	25-28 (Jan)	56-60 (July)	45-47	59-61	50-80
Low Sage Soils		•								•
Dranket	Frigid	Xeric	4,800-5,400	16-20	43-45	25-28 (Jan)	56-60 (July)	45-47	59-61	50-80
Norcross	Frigid	Xeric	4,800-5,400	16-20	43-45	25-28 (Jan)	56-60 (July)	45-47	59-61	50-80
Casebeer	Frigid	Xeric	4,700-5,300	16-20	43-45	25-28 (Jan)	56-60 (July)	45-47	59-61	50-80
Pankeybasin	Frigid	Xeric	4,800-5,000	17-19	43-45	25-28 (Jan)	56-60 (July)	45-47	59-61	50-80
Wet Soils										
Hippyjim	Frigid	Xeric - Aquerts	4,900-5,000	17-19	43-45	25-28 (Jan)	60-65 (July)	44-46	59-61	50-80
Jennett	Frigid	Xeric - Aquic subgr	4,700-4,900	16-18	43-45	25-28 (Jan)	60-65 (July)	45-47	59-61	50-80
Olene	Frigid	Xeric - Aquerts	5,100-5,250	17-19	43-45	25-28 (Jan)	60-65 (July)	44-46	59-61	50-80
Boulder Lake	Frigid	Xeric - Aquerts	4,800-5,300	17-19	43-45	25-28 (Jan)	60-65 (July)	44-46	59-61	50-80
Cressler	Frigid	Xeric - Aquerts	4,800-5,000	17-19	43-45	25-28 (Jan)	60-65 (July)	44-46	59-61	50-80
Reviewed by Joe	Chiaretti	and Curt Leet on June	7, 1999. Widm	er and Lo	rella chang	ed from Aridic t	to Xeric.		•	

 Table 1.--Soil Series Temperature and Precipitation in the Gerber Block

ES#	Final Name	Gene's Name (4/98)	1997 Name Used in	1989 SCS Name	1969 SCS Name
			Gerber		
Wetla				1	
503	Ephemeral Lakebed	Ephemeral Lakebed	Ephemeral Lakebed		Eleco/Juba
314	Dry Meadow	Dry Meadow	Intermittent Swale	Intermittent Swale	Arca/Pone
509	Semi-Wet Meadow				Oatgrass
406	Wet Meadow			Wet Meadow	Tufted Hairgrass
Shrub	Grassland				
204	Shallow Stony 10-20	Shallow Stony 10-20	Shallow Stony 10+	Shallow Stony 10+	Scabland
216	Stony Claypan 14-20	Stony Claypan 12-18	Stony Claypan 15-18	Stony Claypan 14- 18	Very Cobbly Land
214	Claypan 14-20	Claypan 12-18	Claypan 14-18	Claypan 14-18	Clayey Terrace
506	Claypan Bottom 12-18	Claypan Bottom 12-18	Ponded Claypan		Claypan Bottom
210*	Shrubby Loam 12-16	Shrubby Loam 12-16		Loamy 14-18	Rolling Hills
218	Shrubby Loam 16-20	Shrubby Loam 16-20	Shrubby Loam 16-20		
Junip	er Grassland	· · · ·			•
200	Juniper Loamy Hills 10-14	Juniper Loamy Hills 10-14	Loamy 10-14	Loamy 10-14	Juniper Rolling Hills
505	Juniper Claypan 12-16	Juniper Claypan 11-14	Juniper Claypan 12-16		Juniper Very Cobbly Land
501	Juniper Claypan 16-20	Juniper Claypan 14-18	Juniper Claypan 14-18		Juniper Very Cobbly Land
402	Mahogany Rockland 10-20	Mahogany Rockland 10-20	Rocky Ridges 14+	Rocky Ridges 14+	Pine-Mahogany-Fescue
420	Juniper-Mahogany-Fescue	Gene did not want to set this	New in 1998		
	16-20	up			
Aspec	et Juniper				
308	South Slopes 14-18	South Slopes 14-18	South Slopes 14-18	South Slopes 14-18	South Exposure
300	Juniper South 12-16	Juniper South 11-14			Juniper South Exposure
312	North Slopes 14-18	North Slopes 14-18		North Slopes 14-18	North Exposure
Pine (	Grassland				
508	Juniper Dry Pine 14-16	Juniper-Pine-Bunchgrass	(Dry) Dry Pine 14-16		Juniper-Pine-Bunchgrass
410	Pine-Mahogany-Fescue 16- 20	Pine-Mahogany-Fescue 16-20	(Moist) Dry Pine 16-18		Pine-Mahogany-Fescue
510*	Pine-Fescue-Bottom 12-18			Pine Bottom	Pine-Fescue
414	Pine-Sedge-Fescue 16-24	Pine-Fescue 16-24	Pine-Fescue	Pine-Fescue	Pine-Sedge
422	Pine-Fir-Sedge 18-30	Pine-Sedge (White Fir)	Pine-Sedge (White Fir)	Pine-Fir-Sedge	Pine-Fir-Sedge
<sup>*</sup> Two	sites not used in the Gerber Bl		· · · · · · · · · · · · · · · · · · ·		

 Table 2.--Ecological Sites in the Gerber Block and Conversion Legend (D21)

Map Symbol	Soil Name	Range Site	Total Producti (lbs/acre)	ion	Characteristic Vegetation	% Composition	
Symbol			Kind of year	Dry Weight	, egetation	Forest	Range
300A	Norcross	Stony Claypan 14-20 PZ	Favorable	1000	Idaho fescue		50
		(021XY216OR)	Normal	800	Sandberg bluegrass		15
			Unfavorable	500	Onespike oatgrass		5
					Bluebunch wheatgrass		5
					Low sagebrush		15
	Casebeer	Shallow Stony 10-20 PZ	Favorable	300	Sandberg bluegrass		60
		(021XY204OR)	Normal	250	Idaho fescue		5
		(021111201011)	Unfavorable	150	Bluebunch wheatgrass		5
			e in a v or a cre	100	Thurber's needlegrass		5
					Low Sagebrush		10
	Rock Outcrop						
310A	Norcross	Juniper Claypan 16-20 PZ	Favorable	1000	Idaho fescue		45
JIUA	10101055	(021XY5010R)	Normal	800	Low sagebrush		15
		(021X13010K)	Unfavorable	500	Sandberg bluegrass		10
			Ulliavolable	500			
	D 1 (		E 11	1000	Western juniper		7 45
	Dranket	Juniper Claypan 16-20 PZ	Favorable	1000	Idaho fescue		
		(021XY501OR)	Normal	800	Low sagebrush		15
			Unfavorable	500	Sandberg bluegrass		10
				ļ	Western juniper		7
	Norcross	Stony Claypan 14-20 PZ	Favorable	1000	Idaho fescue		50
		(021XY216OR)	Normal	800	Sandberg bluegrass		15
			Unfavorable	500	Onespike oatgrass		5
					Bluebunch wheatgrass		5
					Low sagebrush		15
	Rock Outcrop						
	Casebeer	Shallow Stony 10-20 PZ	Favorable	300	Sandberg bluegrass		60
		(021XY204OR)	Normal	250	Idaho fescue		5
		· · · ·	Unfavorable	150	Bluebunch wheatgrass		5
					Thurber's needlegrass		5
					Low Sagebrush		10
	Royst	Mahogany Rockland 10-20 PZ	Favorable	1200	Idaho fescue		40
	noyse	(021XY402OR)	Normal	1000	Bluebunch wheatgrass		10
		(021111 102011)	Unfavorable	800	Curl-leaf mt mahogany		10
			Olliavolable	000	Antelope bitterbrush		10
					Ponderosa pine		5
	Olene	Semi-Wet Meadow (021XY509)	Favorable	1500	California oatgrass		75
	Olelle	Sellii- wet Meadow (021X1309)	Normal	1300			5
					Sedge		5
2124	N		Unfavorable	1000			17
312A	Norcross	Juniper Claypan 16-20 PZ	Favorable	1000	Idaho fescue		45
		(021XY501OR)	Normal	800	Low sagebrush		15
			Unfavorable	500	Sandberg bluegrass		10
				ļ	Western juniper		7
	Dranket	Juniper Claypan 16-20 PZ	Favorable	1000	Idaho fescue		45
		(021XY501OR)	Normal	800	Low sagebrush		15
			Unfavorable	500	Sandberg bluegrass		10
					Western juniper		7
	Rock Outcrop						
	Casebeer	Shallow Stony 10-20 PZ	Favorable	300	Sandberg bluegrass		60
		(021XY204OR)	Normal	250	Idaho fescue		5
			Unfavorable	150	Bluebunch wheatgrass		5
					Thurber's needlegrass		5
					Low Sagebrush		10
	Royst	Mahogany Rockland 10-20 PZ	Favorable	1200	Idaho fescue		40
	10,50	(021XY402OR)	Normal	1200	Bluebunch wheatgrass		40
		(021/X1402OK)	Unfavorable	800			10
			Unravorable	800	Curl-leaf mt mahogany		
					Antelope bitterbrush		10
	01		<b>F</b> 11	1500	Ponderosa pine	-	5
	Olene	Semi-Wet Meadow (021XY509)	Favorable	1500	California oatgrass		75
			Normal	1200	Sedge		5
			Unfavorable	1000			

**Table 3.--Rangeland Productivity and Characteristic Plant Communities** 

Map Symbol	Soil Name		Total Production (lbs/acre)		Characteristic Vegetation	% Composition	
Symbol			Kind of year	Dry Weight		Forest	Range
	Pankeybasin	Claypan 14-20 PZ	Favorable	1000	Idaho fescue		40
		(021XY214OR)	Normal	800	Sandberg bluegrass		15
			Unfavorable	500	Bluebunch wheatgrass		5
					Low sagebrush		15
	Schnipps	Juniper-Mahogany-Fescue 16-20	Favorable	1000	Idaho fescue		25
	Semipps	PZ (021XY420XY)	Normal	800	Bluebunch wheatgrass		10
			Unfavorable	600	Antelope bitterbrush		10
			Cinavolable	000	Western needlegrass		5
					Curl-leaf mt mahogany		5
	Benhall	Pine-Sedge-Fescue 16-24 PZ	Favorable	1000	Idaho fescue	20	5
	Definan	(021XY414OR)	Normal	800	Ross' sedge	15	
		(021X14140K)	Unfavorable				
			Unlavorable	600	Common snowberry	10	
220.4	D 1 1 1		F 11	1000	Ponderosa pine	5	10
320A	Pankeybasin	Claypan 14-20 PZ	Favorable	1000	Idaho fescue		40
		(021XY214OR)	Normal	800	Sandberg bluegrass		15
			Unfavorable	500	Bluebunch wheatgrass		5
					Low sagebrush		15
	Boulder Lake	Dry Meadow (021XY314OR)	Favorable	1600	Nevada bluegrass		55
			Normal	1400	Silver sagebrush		15
			Unfavorable	1200	Slender wheatgrass		5
					Mat muhly		5
	Norcross	Stony Claypan 14-20 PZ	Favorable	1000	Idaho fescue		50
		(021XY216OR)	Normal	800	Sandberg bluegrass		15
			Unfavorable	500	Onespike oatgrass		5
					Bluebunch wheatgrass		5
					Low sagebrush		15
	Dranket	Juniper Claypan 16-20 PZ	Favorable	1000	Idaho fescue		45
	Diamer	(021XY501OR)	Normal	800	Low sagebrush		15
		(021111301010)	Unfavorable	500	Sandberg bluegrass		10
			Cinavolable	500	Western juniper		7
	Schnipps	Juniper-Mahogany-Fescue 16-20	Favorable	1000	Idaho fescue		25
	Semipps	PZ (021XY420XY)	Normal	800	Bluebunch wheatgrass		10
		12 (021/1420/11)	Unfavorable	600	Antelope bitterbrush		10
			Olliavolable	000	Western needlegrass		5
					Curl-leaf mt mahogany		5
2200	Casebeer	Shallow Stony 10-20 PZ	Favorable	200	Sandberg bluegrass	-	60
330B	Casebeel			300			
		(021XY204OR)	Normal	250	Idaho fescue		5
			Unfavorable	150	Bluebunch wheatgrass		5
					Thurber's needlegrass		5
			<b>E</b> 11	1000	Low Sagebrush	-	10
	Norcross	Stony Claypan 14-20 PZ	Favorable	1000	Idaho fescue		50
		(021XY216OR)	Normal	800	Sandberg bluegrass		15
			Unfavorable	500	Onespike oatgrass		5
					Bluebunch wheatgrass		5
					Low sagebrush		15
	Dranket	Juniper Claypan 16-20 PZ	Favorable	1000	Idaho fescue		45
		(021XY501OR)	Normal	800	Low sagebrush		15
			Unfavorable	500	Sandberg bluegrass		10
					Western juniper		7
	Rock Outcrop						
	Boulder Lake	Dry Meadow (021XY314OR)	Favorable	1600	Nevada bluegrass	T	55
			Normal	1400	Silver sagebrush		15
			Unfavorable	1200	Slender wheatgrass		5
					Mat muhly		5
	Schnipps	Juniper-Mahogany-Fescue 16-20	Favorable	1000	Idaho fescue	1	25
	Semipps	PZ (021XY420XY)	Normal	800	Bluebunch wheatgrass		10
			inormai	000	Diacouncii wiicatgrass	1	10
		12 (021111 120111)	Unfavorabla	600			10
			Unfavorable	600	Antelope bitterbrush Western needlegrass		10 5

 Table 3.--Rangeland Productivity and Characteristic Plant Communities (Continued)

Map Symbol	Soil Name	Range Site	Total Product (lbs/acre)		Characteristic Vegetation	% Composition	
·			Kind of year	Dry Weight		Forest	Range
	Benhall	Pine-Sedge-Fescue 16-24 PZ	Favorable	1000	Idaho fescue	20	
		(021XY414OR)	Normal	800	Ross' sedge	15	
		(021111111010)	Unfavorable	600	Common snowberry	10	
			Olliavolable	000	Ponderosa pine	5	
331B	Nanana	Sterry Classical 14 20 DZ	Favorable	1000	Idaho fescue	5	50
<b>331D</b>	Norcross	Stony Claypan 14-20 PZ		1000			50
		(021XY216OR)	Normal	800	Sandberg bluegrass		15
			Unfavorable	500	Onespike oatgrass		5
					Bluebunch wheatgrass		5
					Low sagebrush		15
	Dranket	Juniper Claypan 16-20 PZ	Favorable	1000	Idaho fescue		45
		(021XY501OR)	Normal	800	Low sagebrush		15
		, , , , , , , , , , , , , , , , , , ,	Unfavorable	500	Sandberg bluegrass		10
					Western juniper		7
	Casebeer	Shallow Stony 10-20 PZ	Favorable	300	Sandberg bluegrass		60
	Casebeel		Normal	250	Idaho fescue		
		(021XY204OR)					5
			Unfavorable	150	Bluebunch wheatgrass		5
					Thurber's needlegrass		5
					Low Sagebrush		10
	Schnipps	Juniper-Mahogany-Fescue 16-20	Favorable	1000	Idaho fescue		25
	**	PZ (021XY420XY)	Normal	800	Bluebunch wheatgrass		10
			Unfavorable	600	Antelope bitterbrush		10
					Western needlegrass		5
					Curl-leaf mt mahogany		5
	Deals Outeron						5
	Rock Outcrop					20	
	Benhall	Pine-Sedge-Fescue 16-24 PZ	Favorable	1000	Idaho fescue	20	
		(021XY414OR)	Normal	800	Ross' sedge	15	
			Unfavorable	600	Common snowberry	10	
					Ponderosa pine	5	
335B	Norcross	Juniper Claypan 16-20 PZ	Favorable	1000	Idaho fescue		45
		(021XY501OR)	Normal	800	Low sagebrush		15
		(	Unfavorable	500	Sandberg bluegrass		10
					Western juniper		7
	Casebeer	Shallow Stony 10-20 PZ	Favorable	300	Sandberg bluegrass	1	60
	Casebeer	(021XY204OR)	Normal	250	Idaho fescue		5
		(021X12040K)	Unfavorable				
			Uniavorable	150	Bluebunch wheatgrass		5
					Thurber's needlegrass		5
					Low Sagebrush		10
	Pankeybasin	Claypan 14-20 PZ	Favorable	1000	Idaho fescue		40
		(021XY214OR)	Normal	800	Sandberg bluegrass		15
			Unfavorable	500	Bluebunch wheatgrass		5
					Low sagebrush		15
	Schnipps	Juniper-Mahogany-Fescue 16-20	Favorable	1000	Idaho fescue	1	25
	Semipps	PZ (021XY420XY)	Normal	800	Bluebunch wheatgrass		10
		12(021A1720A1)					
			Unfavorable	600	Antelope bitterbrush		10
					Western needlegrass		5
					Curl-leaf mt mahogany		5
	Rock Outcrop						
340A	Norcross	Stony Claypan 14-20 PZ	Favorable	1000	Idaho fescue		50
		(021XY216OR)	Normal	800	Sandberg bluegrass		15
			Unfavorable	500	Onespike oatgrass		5
					Bluebunch wheatgrass		5
					Low sagebrush		15
	Casabser	Shallow Story 10 20 DZ	Eavonsh1-	200			
	Casebeer	Shallow Stony 10-20 PZ	Favorable	300	Sandberg bluegrass		60
		(021XY204OR)	Normal	250	Idaho fescue		5
			Unfavorable	150	Bluebunch wheatgrass		5
				1	Thurber's needlegrass		5
	1		1	1	Low Sagebrush	1	10

# Table 3.--Rangeland Productivity and Characteristic Plant Communities (Continued)

Map Symbol	Soil Name	Range Site	Total Producti (lbs/acre)	ion	Characteristic Vegetation	% Composition	
Symbol			Kind of year	Dry Weight	, egomuon	Forest	Range
	Schnipps	Juniper-Mahogany-Fescue 16-20	Favorable	1000	Idaho fescue		25
		PZ (021XY420XY)	Normal	800	Bluebunch wheatgrass		10
			Unfavorable	600	Antelope bitterbrush		10
					Western needlegrass Curl-leaf mt mahogany		5
	Rock Outcrop						
	Dranket	Juniper Claypan 16-20 PZ	Favorable	1000	Idaho fescue		45
		(021XY501OR)	Normal	800	Low sagebrush		15
			Unfavorable	500	Sandberg bluegrass Western juniper		10 7
	Benhall	Pine-Sedge-Fescue 16-24 PZ	Favorable	1000	Idaho fescue	20	1
		(021XY414OR)	Normal	800	Ross' sedge	15	
			Unfavorable	600	Common snowberry	10	
					Ponderosa pine	5	
	Boulder Lake	Dry Meadow (021XY314OR)	Favorable	1600	Nevada bluegrass		55
			Normal	1400	Silver sagebrush		15
			Unfavorable	1200	Slender wheatgrass		5
342A	Casebeer	Shallow Stony 10-20 PZ	Favorable	300	Mat muhly Sandberg bluegrass		5 60
342A	Casebeel	(021XY204OR)	Normal	250	Idaho fescue		5
		(021/1120401()	Unfavorable	150	Bluebunch wheatgrass		5
			Cinavoluolo	150	Thurber's needlegrass		5
					Low Sagebrush		10
	Devaul	Shrubby Loam 16-20 PZ	Favorable	1500	Idaho fescue		40
		(021XY218OR)	Normal	1300	Antelope bitterbrush		15
			Unfavorable	1000	Sandberg bluegrass		10
					Mountain big sagebrush		10
				1000	Bluebunch wheatgrass		5
	Dranket	Juniper Claypan 16-20 PZ	Favorable	1000	Idaho fescue		45
		(021XY501OR)	Normal Unfavorable	800 500	Low sagebrush Sandberg bluegrass		15 10
			Olliavorable	500	Western juniper		10
	Norcross	Stony Claypan 14-20 PZ	Favorable	1000	Idaho fescue		50
		(021XY216OR)	Normal	800	Sandberg bluegrass		15
			Unfavorable	500	Onespike oatgrass		5
					Bluebunch wheatgrass		5
					Low sagebrush		15
	Jennett	Claypan Bottom 12-18 PZ	Favorable	1200	Nevada bluegrass		25
		(021XY506OR)	Normal Unfavorable	1000	Canby bluegrass		15
343A	Jennett	Claypan Bottom 12-18 PZ	Favorable	700 1200	Idaho fescue Nevada bluegrass		10 25
343A	Jenneu	(021XY506OR)	Normal	1200	Canby bluegrass		15
		(021111300010)	Unfavorable	700	Idaho fescue		10
	Casebeer	Shallow Stony 10-20 PZ	Favorable	300	Sandberg bluegrass		60
		(021XY204OR)	Normal	250	Idaho fescue		5
			Unfavorable	150	Bluebunch wheatgrass		5
					Thurber's needlegrass		5
					Low Sagebrush		10
	Dranket	Juniper Claypan 16-20 PZ	Favorable	1000	Idaho fescue		45
		(021XY501OR)	Normal	800	Low sagebrush		15
			Unfavorable	500	Sandberg bluegrass Western juniper		10 7
	Norcross	Stony Claypan 14-20 PZ	Favorable	1000	Idaho fescue	+	50
	110101055	(021XY216OR)	Normal	800	Sandberg bluegrass		15
			Unfavorable	500	Onespike oatgrass		5
				200	Bluebunch wheatgrass		5
					Low sagebrush		15
	Boulder Lake	Dry Meadow (021XY314OR)	Favorable	1600	Nevada bluegrass		55
			Normal	1400	Silver sagebrush		15
			Unfavorable	1200	Slender wheatgrass		5
					Mat muhly		5

Table 3Rangeland Productivity and Characteristic Plant Communities (Continued)	<b>Table 3Rangeland Prod</b>	uctivity and Charact	teristic Plant Comm	unities (Continued)
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Map	Soil Name	Range Site	Total Product	ion	Characteristic	% Composition	
Symbol			(lbs/acre) Kind of year	Dry Wgt	Vegetation	Forest	Range
344A	Norcross	Claypan 14-20 PZ	Favorable	1000	Idaho fescue	Forest	40
<b>U-1-11</b>	110101035	(021XY214OR)	Normal	800	Low sagebrush		15
		(0211121:011)	Unfavorable	500	Sandberg bluegrass		15
					Bluebunch wheatgrass		5
	Boulder Lake	Dry Meadow	Favorable	1600	Nevada bluegrass		55
		(021XY314OR)	Normal	1400	Silver sagebrush		15
		()	Unfavorable	1200	Slender wheatgrass		5
					Mat muhly		5
	Jennett	Claypan Bottom 12-18 PZ	Favorable	1200	Nevada bluegrass		25
		(021XY506OR)	Normal	1000	Canby bluegrass		15
			Unfavorable	700	Idaho fescue		10
	Casebeer	Shallow Stony 10-20 PZ	Favorable	300	Sandberg bluegrass		60
		(021XY204OR)	Normal	250	Idaho fescue		5
		× ,	Unfavorable	150	Bluebunch wheatgrass		5
					Thurber's needlegrass		5
					Low Sagebrush		10
	Dranket	Juniper Claypan 16-20 PZ	Favorable	1000	Idaho fescue		45
		(021XY501OR)	Normal	800	Low sagebrush		15
			Unfavorable	500	Sandberg bluegrass		10
			Cina, Orable	500	Western juniper		7
	Rock Outcrop						
345A	Casebeer	Shallow Stony 10-20 PZ	Favorable	300	Sandberg bluegrass		60
J4JA	Casebeel	(021XY204OR)	Normal	250	Idaho fescue		5
		(021X12040K)	Unfavorable	150	Bluebunch wheatgrass		5
			Ulliavorable	150	Thurber's needlegrass		5
					Low Sagebrush		10
	Donkovhosin	Stony Claymon 14 20 DZ	Favorable	1000	Idaho fescue		50
	Pankeybasin	Stony Claypan 14-20 PZ	Normal				
		(021XY216OR)		800	Sandberg bluegrass		15
			Unfavorable	500	Bluebunch wheatgrass		5
					Onespike oatgrass		5
	D 1		E 11	1000	Low sagebrush		15
	Dranket	Juniper Claypan 16-20 PZ	Favorable	1000	Idaho fescue		45
		(021XY501OR)	Normal	800	Low sagebrush		15
			Unfavorable	500	Sandberg bluegrass		10
	<u> </u>			1000	Western juniper	-	7
	Schnipps	Juniper-Mahogany-Fescue	Favorable	1000	Idaho fescue		25
		16-20 PZ (021XY420XY)	Normal	800	Bluebunch wheatgrass		10
			Unfavorable	600	Antelope bitterbrush		10
					Western needlegrass		5
					Curl-leaf mt mahogany		5
350B	Woolencanyon	Juniper Claypan 12-16 PZ	Favorable	1000	Idaho fescue		35
		(021XY505OR)	Normal	800	Bluebunch wheatgrass		20
			Unfavorable	500	Low sagebrush		8
					Sandberg bluegrass		7
					Western juniper		7
	Notchcorral	Juniper Claypan 12-16 PZ	Favorable	1000	Idaho fescue		35
		(021XY505OR)	Normal	800	Bluebunch wheatgrass		20
			Unfavorable	500	Low sagebrush		8
					Sandberg bluegrass		7
					Western juniper		7
	Wonser	Shallow Stony 10-20 PZ	Favorable	300	Sandberg bluegrass		60
		(021XY204OR)	Normal	250	Idaho fescue		5
			Unfavorable	150	Bluebunch wheatgrass		5
					Thurber's needlegrass		5
					Low Sagebrush		10
	Bumpheads	Juniper Dry Pine 14-16 PZ	Favorable	1200	Idaho fescue	1	25
	1	(021XY508OR)	Normal	1000	Bluebunch wheatgrass		20
			Unfavorable	800	Antelope bitterbrush		10
				000	Western needlegrass		5
	1						
					Curl-leaf mt mahogany		<b>۲</b>
					Curl-leaf mt mahogany Ponderosa pine		5 5

Map	Soil Name	Range Site	Total Producti	ion	Characteristic Vegetation	% Composition	
Symbol			(lbs/acre) Kind of year	Dry Wgt	Vegetation	Forest	Range
	Boulder Lake	Dry Meadow	Favorable	1600	Nevada bluegrass	Torest	55
		(021XY314OR)	Normal	1400	Silver sagebrush		15
		, , ,	Unfavorable	1200	Slender wheatgrass		5
					Mat muhly		5
	Olene	Semi-Wet Meadow	Favorable	1500	California oatgrass		75
		(021XY509)	Normal	1200	Sedge		5
			Unfavorable	1000			
	Rock Outcrop						
360B	Devaul	Shrubby Loam 16-20 PZ	Favorable	1500	Idaho fescue		40
		(021XY218OR)	Normal	1300	Antelope bitterbrush		15
			Unfavorable	1000	Sandberg bluegrass		10
					Mountain big sagebrush Bluebunch wheatgrass		10
	Norcross	Juniper Claypan 16-20 PZ	Favorable	1000	Idaho fescue		5 45
	NOICIOSS	(021XY501OR)	Normal	800	Low sagebrush		43
		(021X13010K)	Unfavorable	500	Sandberg bluegrass		10
			Ollavorable	500	Western juniper		10
	Pankeybasin	Claypan 14-20 PZ	Favorable	1000	Idaho fescue		40
	1 ankeybasin	(021XY214OR)	Normal	800	Sandberg bluegrass		15
		(02111121401()	Unfavorable	500	Bluebunch wheatgrass		5
			Cinavorable	200	Low sagebrush		15
	Schnipps	Juniper-Mahogany-Fescue	Favorable	1000	Idaho fescue		25
	Semipps	16-20 PZ (021XY420XY)	Normal	800	Bluebunch wheatgrass		10
		10 20 12 (02111 (2011))	Unfavorable	600	Antelope bitterbrush		10
					Western needlegrass		5
					Curl-leaf mt mahogany		5
362B	Casebeer	Shallow Stony 10-20 PZ	Favorable	300	Sandberg bluegrass		60
		(021XY204OR)	Normal	250	Idaho fescue		5
		× /	Unfavorable	150	Bluebunch wheatgrass		5
					Thurber's needlegrass		5
					Low Sagebrush		10
	Devaul	Shrubby Loam 16-20 PZ	Favorable	1500	Idaho fescue		40
		(021XY218OR)	Normal	1300	Antelope bitterbrush		15
			Unfavorable	1000	Sandberg bluegrass		10
					Mountain big sagebrush		10
					Bluebunch wheatgrass		5
	Norcross	Juniper Claypan 16-20 PZ	Favorable	1000	Idaho fescue		45
		(021XY501OR)	Normal	800	Low sagebrush		15
			Unfavorable	500	Sandberg bluegrass		10
	<b>D</b> 1 1 1		<b>F</b> 11	1000	Western juniper		7
	Pankeybasin	Claypan 14-20 PZ	Favorable	1000	Idaho fescue		40
		(021XY214OR)	Normal	800	Sandberg bluegrass		15
			Unfavorable	500	Bluebunch wheatgrass Low sagebrush		5 15
	Schnipps	Juniper-Mahogany-Fescue	Favorable	1000	Idaho fescue		25
	Semilpps	16-20 PZ (021XY420XY)	Normal	800	Bluebunch wheatgrass		10
		10-20 FZ (021X1420X1)	Unfavorable	600	Antelope bitterbrush		10
			Onavorable	000	Western needlegrass		5
					Curl-leaf mt mahogany		5
	Benhall	Pine-Sedge-Fescue 16-24 PZ	Favorable	1000	Idaho fescue	20	5
		(021XY414OR)	Normal	800	Ross' sedge	15	
			Unfavorable	600	Common snowberry	10	
					Ponderosa pine	5	
370B	Widmer	Juniper Loamy Hills 10-14	Favorable	1	Bluebunch wheatgrass	-	40
		PZ (-21XY2000R)	Normal		Idaho fescue		15
		· · · · · · · · · · · · · · · · · · ·	Unfavorable		Sandberg bluegrass		10
					Mountain big sagebrush		10
					Thurber needlegrass		5
					Antelope bitterbrush		5

Table 3.--Rangeland Productivity and Characteristic Plant Communities (Continued)

Map	Soil Name	Range Site	Total Producti	on	Characteristic	% Composition	
Symbol			(lbs/acre) Kind of year	Dry Wgt	Vegetation	Forest	Range
	Lorella	Juniper Claypan 12-16 PZ (021XY505OR)	Favorable Normal Unfavorable	1000 800 500	Idaho fescue Bluebunch wheatgrass Low sagebrush Sandberg bluegrass Western juniper	Forest	35 20 8 7 7
	Rock Outcrop						
	Casebeer	Shallow Stony 10-20 PZ (021XY204OR)	Favorable Normal Unfavorable	300 250 150	Sandberg bluegrass Idaho fescue Bluebunch wheatgrass Thurber's needlegrass Low Sagebrush		60 5 5 5 10
	Grohs	Juniper Dry Pine 14-16 PZ (021XY508OR)	Favorable Normal Unfavorable	1200 1000 800	Idaho fescue Bluebunch wheatgrass Antelope bitterbrush Western needlegrass Curl-leaf mt mahogany Ponderosa pine Western juniper		25 20 10 5 5 5 5 5
380C	Menbo	North Slopes 14-18 PZ (021XY308OR)	Favorable Normal Unfavorable	1500 1000 600	Idaho fescue Bluebunch wheatgrass Antelope bitterbrush Mountain big sagebrush		60 10 10 10
	Drakce	South Slopes 14-18 PZ (021XY308OR)	Favorable Normal Unfavorable	1200 900 600	Bluebunch wheatgrass Mountain big sagebrush Idaho fescue Antelope bitterbrush		50 10 5 5
	Rock Outcrop						
	Norcross	Stony Claypan 14-20 PZ (021XY216OR)	Favorable Normal Unfavorable	1000 800 500	Idaho fescue Sandberg bluegrass Bluebunch wheatgrass Onespike oatgrass Low sagebrush		50 15 5 5 15
	Dranket	Juniper Claypan 16-20 PZ (021XY501OR)	Favorable Normal Unfavorable	1000 800 500	Idaho fescue Low sagebrush Sandberg bluegrass Western juniper		45 15 10 7
390A	Teeltruc	Shrubby Loam 16-20 PZ (021XY218OR)	Favorable Normal Unfavorable	1500 1300 1000	Idaho fescue Antelope bitterbrush Sandberg bluegrass Mountain big sagebrush Bluebunch wheatgrass		40 15 10 10 5
	Schnipps	Juniper-Mahogany-Fescue 16-20 PZ (021XY420XY)	Favorable Normal Unfavorable	1000 800 600	Idaho fescue Bluebunch wheatgrass Antelope bitterbrush Western needlegrass Curl-leaf mt mahogany		25 10 10 5 5
	Pankeybasin	Claypan 14-20 PZ (021XY214OR)	Favorable Normal Unfavorable	1000 800 500	Idaho fescue Sandberg bluegrass Bluebunch wheatgrass Low sagebrush		40 15 5 15
392B	Teeltruc	Shrubby Loam 16-20 PZ (021XY218OR)	Favorable Normal Unfavorable	1500 1300 1000	Idaho fescue Antelope bitterbrush Sandberg bluegrass Mountain big sagebrush Bluebunch wheatgrass		40 15 10 10 5
	Schnipps	Pine-Mahogany-Fescue 16- 20 PZ (021XY410XY)	Favorable Normal Unfavorable	1200 1000 800	Idaho fescue Antelope bitterbrush Curl-leaf mt mahogany Ross' sedge Saskatoon serviceberry Ponderosa pine		40 15 10 8 5 5

Table 3.--Rangeland Productivity and Characteristic Plant Communities (Continued)

Map Second al	Soil Name	Range Site	Total Producti	on	Characteristic	% Composition	
Symbol			(lbs/acre) Kind of year	Dry Wgt	Vegetation	Forest	Range
	Pankeybasin	Claypan 14-20 PZ	Favorable	1000	Idaho fescue	rorest	4
		(021XY214OR)	Normal	800	Sandberg bluegrass		1:
			Unfavorable	500	Bluebunch wheatgrass		4
					Low sagebrush		15
	Benhall	Pine-Sedge-Fescue 16-24 PZ	Favorable	1000	Idaho fescue	20	
		(021XY414OR)	Normal	800	Ross' sedge	15	
			Unfavorable	600	Common snowberry	10	
					Ponderosa pine	5	
	Norcross	Stony Claypan 14-20 PZ	Favorable	1000	Idaho fescue		50
		(021XY216OR)	Normal	800	Sandberg bluegrass		15
			Unfavorable	500	Bluebunch wheatgrass		5
					Onespike oatgrass		5
					Low sagebrush		15
400C	Schnipps	Juniper-Mahogany-Fescue	Favorable	1000	Idaho fescue		25
		16-20 PZ (021XY420XY)	Normal	800	Bluebunch wheatgrass		10
			Unfavorable	600	Antelope bitterbrush		10
					Western needlegrass		5
					Curl-leaf mt mahogany		5
	Royst	Mahogany Rockland 10-20	Favorable	1200	Idaho fescue		40
		PZ (021XY402OR)	Normal	1000	Bluebunch wheatgrass		10
			Unfavorable	800	Curl-leaf mt mahogany		10
					Antelope bitterbrush		10
					Ponderosa pine		5
	Rock Outcrop						
	Dranket	Juniper Claypan 16-20 PZ	Favorable	1000	Idaho fescue		45
		(021XY501OR)	Normal	800	Low sagebrush		15
			Unfavorable	500	Sandberg bluegrass		10
					Western juniper		7
402C	Devaul	Shrubby Loam 16-20 PZ	Favorable	1500	Idaho fescue		40
		(021XY218OR)	Normal	1300	Antelope bitterbrush		15
			Unfavorable	1000	Sandberg bluegrass		10
					Mountain big sagebrush		10
					Bluebunch wheatgrass		5
	Schnipps	Juniper-Mahogany-Fescue	Favorable	1000	Idaho fescue		25
		16-20 PZ (021XY420XY)	Normal	800	Bluebunch wheatgrass		10
			Unfavorable	600	Antelope bitterbrush		10
					Western needlegrass		5
					Curl-leaf mt mahogany	Ļ	5
	Dranket	Juniper Claypan 16-20 PZ	Favorable	1000	Idaho fescue		45
		(021XY501OR)	Normal	800	Low sagebrush		15
			Unfavorable	500	Sandberg bluegrass		10
	<b>D</b>		<b>F</b> 11	1200	Western juniper	───	7
	Royst	Mahogany Rockland 10-20	Favorable	1200	Idaho fescue		40
		PZ (021XY402OR)	Normal Unfavorable	1000	Bluebunch wheatgrass		10
			Uniavorable	800	Curl-leaf mt mahogany		10
					Antelope bitterbrush		10 5
	Pock Outeror				Ponderosa pine	<u> </u>	
<i>4</i> 10D	Rock Outcrop	South Slopes 14, 19 D7	Favorable	1200		───	FO
410D	Drakce	South Slopes 14-18 PZ	Favorable	1200	Bluebunch wheatgrass		50
		(021XY308OR)	Normal Unfavorable	900 600	Mountain big sagebrush Idaho fescue		10
			Unravorable	600	Antelope bitterbrush		5
	Rock Outeron				Antelope bitterbrush	╂────	3
	Rock Outcrop	Mahagany Dealder 4 10 20				<u> </u>	AC
	Royst	Mahogany Rockland 10-20	Favorable Normal	1200	Idaho fescue		40
		PZ (021XY402OR)	Unfavorable	1000 800	Bluebunch wheatgrass		10
	1		Uniavorable	800	Curl-leaf mt mahogany		10
				1	Antelope bitterbrush	1	10
					Dondarosa mina		-
	Drankat		E11	1000	Ponderosa pine		
	Dranket	Juniper Claypan 16-20 PZ	Favorable	1000	Idaho fescue		5 45
	Dranket	Juniper Claypan 16-20 PZ (021XY5010R)	Favorable Normal Unfavorable	1000 800 500			

Table 3.--Rangeland Productivity and Characteristic Plant Communities (Continued)

Map	Soil Name	Range Site	Total Producti	on	Characteristic	% Composition		
Symbol			(lbs/acre)	D 177	Vegetation	<b>.</b>	D	
500C	Mound	Pine-Sedge-Fescue 16-24 PZ (021XY402OR)	Kind of year Favorable Normal Unfavorable	<b>Dry Wgt</b> 1000 800 500	Idaho fescue Ross' sedge Common snowberry Ponderosa pine	<b>Forest</b> 20 5 5 5 5	Range	
	Royst	Mahogany Rockland 10-20 PZ (021XY402OR)	Favorable Normal Unfavorable	1200 1000 800	Long-stolon sedge Idaho fescue Bluebunch wheatgrass Curl-leaf mt mahogany Antelope bitterbrush Ponderosa pine	5	40 10 10 10	
	Rock Outcrop Dranket	Juniper Claypan 16-20 PZ (021XY501OR)	Favorable Normal Unfavorable	1000 800 500	Idaho fescue Low sagebrush Sandberg bluegrass Western juniper		4:	
	Schnipps	Juniper-Mahogany-Fescue 16-20 PZ (021XY420XY)	Favorable Normal Unfavorable	1000 800 600	Idaho fescue Bluebunch wheatgrass Antelope bitterbrush Western needlegrass Curl-leaf mt mahogany		25 10 10	
505D	Menbo	Pine-Mahogany-Fescue 16- 20 PZ (021XY410OR)	Favorable Normal Unfavorable	1200 1000 800	Idaho fescue Antelope bitterbrush Curl-leaf mt mahogany Ross' sedge Western serviceberry Ponderosa pine		40	
	Drakce	South Slopes 14-18 PZ (021XY308OR)	Favorable Normal Unfavorable	1200 900 600	Bluebunch wheatgrass Mountain big sagebrush Idaho fescue Antelope bitterbrush		50 10	
	Rock Outcrop							
	Royst	Mahogany Rockland 10-20 PZ (021XY402OR)	Favorable Normal Unfavorable	1200 1000 800	Idaho fescue Bluebunch wheatgrass Curl-leaf mt mahogany Antelope bitterbrush Ponderosa pine		4( 1( 1( 1(	
	Olene	Semi-Wet Meadow (021XY509)	Favorable Normal Unfavorable	1500 1200 1000	California oatgrass Sedge		7	
	Benhall	Pine-Sedge-Fescue 16-24 PZ (021XY414OR)	Favorable Normal Unfavorable	1000 800 600	Idaho fescue Ross' sedge Common snowberry Ponderosa pine	20 15 10 5		
510B	Schnipps	Pine-Mahogany-Fescue 16- 20 PZ (021XY410OR)	Favorable Normal Unfavorable	1200 1000 800	Idaho fescue Antelope bitterbrush Curl-leaf mt mahogany Ross' sedge Saskatoon serviceberry Ponderosa pine		40	
	Norcross	Juniper Claypan 16-20 PZ (021XY501OR)	Favorable Normal Unfavorable	1000 800 500	Idaho fescue Low sagebrush Sandberg bluegrass Western juniper		4: 1: 1(	
	Rock Outcrop							
	Royst	Mahogany Rockland 10-20 PZ (021XY402OR)	Favorable Normal Unfavorable	1200 1000 800	Idaho fescue Bluebunch wheatgrass Curl-leaf mt mahogany Antelope bitterbrush Ponderosa pine		4( 1( 1( 1(	

Table 3.--Rangeland Productivity and Characteristic Plant Communities (Continued)

Map Symbol	Soil Name	Range Site	Total Producti (lbs/acre)	ion	Characteristic Vegetation	% Composition	
			Kind of year	Dry Wgt		Forest	Range
	Pankeybasin	Claypan 14-20 PZ	Favorable	1000	Idaho fescue		4(
	5	(021XY214OR)	Normal	800	Sandberg bluegrass		15
		(0211121:011)	Unfavorable	500	Bluebunch wheatgrass		4
			Olliuvoluole	500	Low sagebrush		15
	Benhall	Dina Sadaa Easaya 16 24 DZ	Favorable	1000	Idaho fescue	20	1.
	Bennall	Pine-Sedge-Fescue 16-24 PZ					
		(021XY414OR)	Normal	800	Ross' sedge	15	
			Unfavorable	600	Common snowberry	10	
					Ponderosa pine	5	
	Casebeer	Shallow Stony 10-20 PZ	Favorable	300	Sandberg bluegrass		60
		(021XY204OR)	Normal	250	Idaho fescue		4
			Unfavorable	150	Bluebunch wheatgrass		4
					Thurber's needlegrass		5
					Low Sagebrush		10
515B	Bumpheads	Pine-Mahogany-Fescue 16-	Favorable	1200	Idaho fescue		40
0100	Dumpheuds	20 PZ (021XY410OR)	Normal	1000	Antelope bitterbrush		15
		2012 (021X14100K)	Unfavorable	800	Curl-leaf mt mahogany		10
			Ulliavorable	800			
					Ross' sedge		8
					Saskatoon serviceberry		5
					Ponderosa pine		5
	Mound	Pine-Sedge-Fescue 16-24 PZ	Favorable	1000	Idaho fescue	20	
		(021XY402OR)	Normal	800	Ross' sedge	5	
			Unfavorable	500	Common snowberry	5	
					Ponderosa pine	5	
					Long-stolon sedge	5	
	Norcross	Juniper Claypan 16-20 PZ	Favorable	1000	Idaho fescue		45
	10101033	(021XY501OR)	Normal	800	Low sagebrush		15
		(021X15010K)	Unfavorable	500			10
			Ulliavorable	500	Sandberg bluegrass		
	_				Western juniper		7
	Royst	Mahogany Rockland 10-20	Favorable	1200	Idaho fescue		40
		PZ (021XY402OR)	Normal	1000	Bluebunch wheatgrass		10
			Unfavorable	800	Curl-leaf mt mahogany		10
					Antelope bitterbrush		10
					Ponderosa pine		5
	Pankeybasin	Claypan 14-20 PZ	Favorable	1000	Idaho fescue		40
		(021XY214OR)	Normal	800	Sandberg bluegrass		15
		(021111211010)	Unfavorable	500	Bluebunch wheatgrass		5
			Childvorable	500	Low sagebrush		15
	Ionnott	Claypan Bottom 12-18 PZ	Favorable	1200	Nevada bluegrass	-	25
	Jennett	51			e		
		(021XY506OR)	Normal	1000	Canby bluegrass		15
			Unfavorable	700	Idaho fescue		10
517B	Bumpheads	Juniper Dry Pine 14-16 PZ	Favorable	1200	Idaho fescue		25
		(021XY508OR)	Normal	1000	Bluebunch wheatgrass		20
			Unfavorable	800	Antelope bitterbrush		10
					Western needlegrass		5
					Curl-leaf mt mahogany		5
					Ponderosa pine		5
					Western juniper		5
	Mound	Pine-Sedge-Fescue 16-24 PZ	Favorable	1000	Idaho fescue	20	5
	Mouliu		Normal				
		(021XY414OR)		800	Ross' sedge	5	
			Unfavorable	600	Common snowberry	5	
					Ponderosa pine	5	
					Long-stolon sedge	5	
	Norcross	Juniper Claypan 16-20 PZ	Favorable	1000	Idaho fescue		45
		(021XY501OR)	Normal	800	Low sagebrush		15
			Unfavorable	500	Sandberg bluegrass		10
			2	200	Western juniper		7
	Casebeer	Shallow Stony 10-20 PZ	Favorable	300	Sandberg bluegrass		60
	Casebeer						
		(021XY204OR)	Normal	250	Idaho fescue		5
			Unfavorable	150	Bluebunch wheatgrass		5
					Thurber's needlegrass		5
	1			1	Low Sagebrush	1	10

Table 3.--Rangeland Productivity and Characteristic Plant Communities (Continued)

Map	Soil Name	Range Site	Total Producti	on	Characteristic	% Composition	
Symbol			(lbs/acre) Kind of year	Dry Wgt	Vegetation	Forest	Range
	Pankeybasin	Claypan 14-20 PZ	Favorable	1000	Idaho fescue	rorest	Kange 4
	1 ankey basin	(021XY214OR)	Normal	800	Sandberg bluegrass		1:
		(021X12140K)	Unfavorable	500	Bluebunch wheatgrass		1.
			Ulliavorable	500			
	D 1		E 11	1500	Low sagebrush		15
	Devaul	Shrubby Loam 16-20 PZ	Favorable	1500	Idaho fescue		40
		(021XY218OR)	Normal	1300	Antelope bitterbrush		15
			Unfavorable	1000	Sandberg bluegrass		10
					Mountain big sagebrush		10
					Bluebunch wheatgrass		5
520B	Mound	Pine-Sedge-Fescue 16-24 PZ	Favorable	1000	Idaho fescue	20	
		(021XY414OR)	Normal	800	Ross' sedge	5	
			Unfavorable	600	Common snowberry	5	
					Ponderosa pine	5	
					Long-stolon sedge	5	
	Benhall	Pine-Sedge-Fescue 16-24 PZ	Favorable	1000	Idaho fescue	20	
		(021XY414OR)	Normal	800	Ross' sedge	15	
		, , , , , , , , , , , , , , , , , , ,	Unfavorable	600	Common snowberry	10	
					Ponderosa pine	5	
	Norcross	Stony Claypan 14-20 PZ	Favorable	1000	Idaho fescue		50
		(021XY216OR)	Normal	800	Sandberg bluegrass		15
		(021/11/210000)	Unfavorable	500	Bluebunch wheatgrass		5
			Cinavorable	500	Onespike oatgrass		5
					Low sagebrush		15
	C altantinana	Luningen Mahaganen Easter	Favorable	1000	Idaho fescue		
	Schnipps	Juniper-Mahogany-Fescue		1000			25
		16-20 PZ (021XY420XY)	Normal	800	Bluebunch wheatgrass		10
			Unfavorable	600	Antelope bitterbrush		10
					Western needlegrass		5
					Curl-leaf mt mahogany		5
	Royst	Mahogany Rockland 10-20	Favorable	1200	Idaho fescue		40
		PZ (021XY402OR)	Normal	1000	Bluebunch wheatgrass		10
			Unfavorable	800	Curl-leaf mt mahogany		10
					Antelope bitterbrush		10
					Ponderosa pine		5
	Olene	Semi-Wet Meadow	Favorable	1500	California oatgrass		75
		(021XY509)	Normal	1200	Sedge		5
		(,	Unfavorable	1000			-
525C	Mound	Pine-Sedge-Fescue 16-24 PZ	Favorable	1000	Idaho fescue	20	
0200	mound	(021XY414OR)	Normal	800	Ross' sedge	5	
		(021111111000)	Unfavorable	600	Common snowberry	5	
			Omavorable	000	Ponderosa pine	5	
					Long-stolon sedge	5	
	Schnipps	Juniper-Mahogany-Fescue	Favorable	1000	Idaho fescue	5	25
	Seninpps		Normal		Bluebunch wheatgrass		10
		16-20 PZ (021XY420XY)		800			
			Unfavorable	600	Antelope bitterbrush		10
					Western needlegrass		5
			<b></b>	1000	Curl-leaf mt mahogany		5
	Royst	Mahogany Rockland 10-20	Favorable	1200	Idaho fescue		40
		PZ (021XY402OR)	Normal	1000	Bluebunch wheatgrass		10
			Unfavorable	800	Curl-leaf mt mahogany		10
					Antelope bitterbrush		10
					Ponderosa pine		5
	Dranket	Juniper Claypan 16-20 PZ	Favorable	1000	Idaho fescue		45
		(021XY501OR)	Normal	800	Low sagebrush		15
		· · · · · · · · · · · · · · · · · · ·	Unfavorable	500	Sandberg bluegrass		10
			e mai orable	500	Western juniper		7
	Olene	Semi-Wet Meadow	Favorable	1500	California oatgrass	-	75
	Untile		Normal				5
		(021XY509)		1200	Sedge		1 3
			Unfavorable	1000	1	1	1

Table 3.--Rangeland Productivity and Characteristic Plant Communities (Continued)

Map Symbol	Soil Name	Range Site	Total Producti (lbs/acre)	ion	Characteristic Vegetation	% Composition	
Symbol			(los/acre) Kind of year	Dry Wgt	vegetation	Forest Range	
530B	Benhall	Pine-Fir-Sedge 18-30 PZ	Favorable	1000	Long-stolon sedge	15	Kange
0000	Domini	(021XY422OR)	Normal	700	Wheeler bluegrass	15	
		(,	Unfavorable	500	White fir	15	
					Mountain brome	10	
					Common snowberry	10	
					Ponderosa pine	10	
	Mound	Pine-Fir-Sedge 18-30 PZ	Favorable	1000	Long-stolon sedge	15	
		(021XY422OR)	Normal	700	Wheeler bluegrass	15	
			Unfavorable	500	White fir	15	
					Mountain brome	10	
					Common snowberry	10	
					Ponderosa pine	10	
	Schnipps	Juniper-Mahogany-Fescue	Favorable	1000	Idaho fescue		25
		16-20 PZ (021XY420XY)	Normal	800	Bluebunch wheatgrass		10
			Unfavorable	600	Antelope bitterbrush		10
					Western needlegrass		5
	Darrat	Maharana Daablard 10.20	Essesse 1	1200	Curl-leaf mt mahogany		5
	Royst	Mahogany Rockland 10-20 PZ (021XY402OR)	Favorable Normal	1200 1000	Idaho fescue Bluebunch wheatgrass		40 10
		1 Z (021A I 402UK)	Unfavorable	800	Bluebunch wheatgrass Curl-leaf mt mahogany		10
			Ulliavorable	800	Antelope bitterbrush		10
					Ponderosa pine		10
	Rock Outcrop						
532B	Tallboy	Pine-Sedge-Fescue 16-24 PZ	Favorable	1000	Idaho fescue		20
5520	Tanooy	(021XY414OR)	Normal	800	Ross' sedge		15
		(02111111011)	Unfavorable	600	Common snowberry		10
					Ponderosa pine		5
	Royst	Mahogany Rockland 10-20	Favorable	1200	Idaho fescue		40
	5	PZ (021XY402OR)	Normal	1000	Bluebunch wheatgrass		10
			Unfavorable	800	Curl-leaf mt mahogany		10
					Antelope bitterbrush		10
					Ponderosa pine		5
	Dranket	Juniper Claypan 16-20 PZ	Favorable	1000	Idaho fescue		45
		(021XY501OR)	Normal	800	Low sagebrush		15
			Unfavorable	500	Sandberg bluegrass		10
					Western juniper		7
	Schnipps	Juniper-Mahogany-Fescue	Favorable	1000	Idaho fescue		25
		16-20 PZ (021XY420XY)	Normal	800	Bluebunch wheatgrass		10
			Unfavorable	600	Antelope bitterbrush Western needlegrass		10
					Curl-leaf mt mahoganv		55
533C	Benhall	Pine-Fir-Sedge 18-30 PZ	Favorable	1000	Long-stolon sedge	15	5
333C	Dennan	(021XY422OR)	Normal	700	Wheeler bluegrass	15	
		(021111422010)	Unfavorable	500	White fir	15	
			Ollavorable	500	Mountain brome	10	
					Common snowberry	10	
					Ponderosa pine	10	
	Mound	Pine-Fir-Sedge 18-30 PZ	Favorable	1000	Long-stolon sedge	15	
		(021XY422OR)	Normal	700	Wheeler bluegrass	15	
			Unfavorable	500	White fir	15	
					Mountain brome	10	
					Common snowberry	10	
					Ponderosa pine	10	
	Royst	Mahogany Rockland 10-20	Favorable	1200	Idaho fescue		40
		PZ (021XY402OR)	Normal	1000	Bluebunch wheatgrass		10
			Unfavorable	800	Curl-leaf mt mahogany		10
					Antelope bitterbrush		10
					Ponderosa pine	ļ	5
	Dranket	Juniper Claypan 16-20 PZ	Favorable	1000	Idaho fescue		45
		(021XY501OR)	Normal	800	Low sagebrush		15
			Unfavorable	500	Sandberg bluegrass		10
	1		1		Western juniper	1	7

Table 3.--Rangeland Productivity and Characteristic Plant Communities (Continued)

<b>Table 3Rangeland Productiv</b>	y and Characteristic Plant C	<b>communities</b> (Continued)
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Map Symbol	Soil Name	Range Site	Total Producti	on	Characteristic Vegetation	% Composition		
Symbol			(lbs/acre) Kind of year	Dry Wgt	Vegetation	Forest	Range	
	Norcross	Stony Claypan 14-20 PZ	Favorable	1000	Idaho fescue	I of est	50	
		(021XY216OR)	Normal	800	Sandberg bluegrass		15	
			Unfavorable	500	Bluebunch wheatgrass		5	
					Onespike oatgrass		5	
					Low sagebrush		15	
540C	Schnipps	Pine-Mahogany-Fescue 16-	Favorable	1200	Idaho fescue		40	
		20 PZ (021XY410OR)	Normal	1000	Antelope bitterbrush		15	
			Unfavorable	800	Curl-leaf mt mahogany		10	
					Ross' sedge		8	
					Saskatoon serviceberry		5	
					Ponderosa pine		5	
	Mound	Pine-Sedge-Fescue 16-24 PZ	Favorable	1000	Idaho fescue	20		
		(021XY414OR)	Normal	800	Ross' sedge	5		
			Unfavorable	600	Common snowberry	5		
					Ponderosa pine	5		
					Long-stolon sedge	5		
	Royst	Mahogany Rockland 10-20	Favorable	1200	Idaho fescue		40	
		PZ (021XY402OR)	Normal	1000	Bluebunch wheatgrass		10	
			Unfavorable	800	Curl-leaf mt mahogany		10	
					Antelope bitterbrush		10	
					Ponderosa pine		5	
	Rock Outcrop							
	Dranket	Juniper Claypan 16-20 PZ	Favorable	1000	Idaho fescue		45	
		(021XY501OR)	Normal	800	Low sagebrush		15	
			Unfavorable	500	Sandberg bluegrass		10	
	NT		E 11	1000	Western juniper		7	
	Norcross	Stony Claypan 14-20 PZ	Favorable	1000	Idaho fescue		50	
		(021XY216OR)	Normal	800	Sandberg bluegrass		15	
			Unfavorable	500	Bluebunch wheatgrass		5	
					Onespike oatgrass		5 15	
	Olene	Semi-Wet Meadow	Favorable	1500	Low sagebrush California oatgrass		75	
	Olelle		Normal	1300			5	
		(021XY509)	Unfavorable	1200	Sedge		5	
542B	Grohs	Juniper Dry Pine 14-16 PZ	Favorable	1200	Idaho fescue		25	
342D	OTOHS	(021XY508OR)	Normal	1200	Bluebunch wheatgrass		20	
		(021713080K)	Unfavorable	800	Antelope bitterbrush		10	
			Onnavorable	000	Western needlegrass		5	
					Curl-leaf Mt. mahogany		5	
					Ponderosa pine		5	
					Western juniper		5	
	Carrbutte	Pine-Sedge-Fescue 16-24 PZ	Favorable	1000	Idaho fescue	20		
		(021XY414OR)	Normal	800	Ross' sedge	5		
			Unfavorable	600	Common snowberry	5		
					Ponderosa pine	5		
	Lorella	Juniper Claypan 12-16 PZ	Favorable	1000	Idaho fescue		35	
		(021XY505OR)	Normal	800	Bluebunch wheatgrass		20	
			Unfavorable	500	Low sagebrush		8	
					Sandberg bluegrass		7	
					Western juniper		7	
	Notchcorral	Juniper Claypan 12-16 PZ	Favorable	1000	Idaho fescue		35	
		(021XY505OR)	Normal	800	Bluebunch wheatgrass		20	
			Unfavorable	500	Low sagebrush		8	
					Sandberg bluegrass		7	
					Western juniper		7	
	Royst	Mahogany Rockland 10-20	Favorable	1200	Idaho fescue		40	
		PZ (021XY402OR)	Normal	1000	Bluebunch wheatgrass		10	
			Unfavorable	800	Curl-leaf mt mahogany		10	
					Antelope bitterbrush		10	
					Ponderosa pine		5	

Map Symbol	Soil Name	Range Site	Total Producti (lbs/acre)		nunities (Continued Characteristic Vegetation	% Composition	
Symbol			Kind of year	Dry Wgt	vegetation	Forest	Range
543B	Carrbutte	Pine-Sedge-Fescue 16-24 PZ	Favorable	1000	Idaho fescue	20	Kange
5450	Carloutte	(021XY414OR)	Normal	800	Ross' sedge	5	
		(021/141401()	Unfavorable	600	Common snowberry	5	
			emavorable	000	Ponderosa pine	5	
	Grohs	Juniper Dry Pine 14-16 PZ	Favorable	1200	Idaho fescue	5	25
	Grons	(021XY508OR)	Normal	1200	Bluebunch wheatgrass		20
		(021/130000K)	Unfavorable	800	Antelope bitterbrush		10
			Olliavolable	000	Western needlegrass		5
					Curl-leaf Mt. mahogany		5
					Ponderosa pine		5
					Western juniper		5
	Notchcorral	Juniper Claypan 12-16 PZ	Favorable	1000	Idaho fescue		35
	roteneona	(021XY505OR)	Normal	800	Bluebunch wheatgrass		20
		(021111303010)	Unfavorable	500	Low sagebrush		8
			Ontavorable	500	Sandberg bluegrass		7
					Western juniper		7
550C	Menbo	Pine-Mahogany-Fescue 16-	Favorable	1200	Idaho fescue		40
3300		20 PZ (021XY410OR)	Normal	1200	Antelope bitterbrush		40
		2012 (021/14100K)	Unfavorable	800	Curl-leaf mt mahogany		10
			Unavoiable	000	Ross' sedge		8
					Saskatoon serviceberry		5
					Ponderosa pine		5
	Royst	Mahogany Rockland 10-20	Favorable	1200	Idaho fescue		40
	KUYSI	PZ (021XY402OR)	Normal	1200	Bluebunch wheatgrass		40 10
		FZ (021X14020K)	Unfavorable	800	Curl-leaf mt mahogany		10
			Ulliavorable	800	Antelope bitterbrush		10
					Ponderosa pine		5
	Rock Outcrop						5
	Benhall	Pine-Sedge-Fescue 16-24 PZ	Favorable		Idaho fescue	20	
	Bennall	0	Normal	1000			
		(021XY414OR)	Unfavorable	800 600	Ross' sedge	15 10	
			Unravorable	000	Common snowberry	10	
560C	Drakce	South Slopes 14-18 PZ	Favorable	1200	Ponderosa pine	5	50
500C	Drakce	(021XY308OR)	Normal	900	Bluebunch wheatgrass Mountain big sagebrush		10
		(021X13080K)	Unfavorable	900 600	Idaho fescue		
			Ulliavorable	000	Antelope bitterbrush		5 5
	Dranket	Juniper Claypan 16-20 PZ	Favorable	1000	Idaho fescue		45
	Dranket	(021XY501OR)	Normal	800			43
		(021X13010R)		500	Low sagebrush		10
			Unfavorable	500	Sandberg bluegrass Western juniper		10
	Devat	Mahogany Rockland 10-20	Favorable	1200	Idaho fescue		40
	Royst	PZ (021XY402OR)	Normal		Bluebunch wheatgrass		
		PZ (021A 1402OK)	Unfavorable	1000 800	Curl-leaf mt mahogany		10 10
			Ulliavorable	800			
					Antelope bitterbrush		10 5
	Rock Outcrop		l		Ponderosa pine		3
	Schnipps	Juniper-Mahogany-Fescue	Favorable		Idaho fescue		
	Schnipps	Juniper-Mahogany-Fescue 16-20 PZ (021XY420XY)		1000			25
		10-20 FZ (021A I 420X I)	Normal Unfavorable	800	Bluebunch wheatgrass		10
			Uniavorable	600	Antelope bitterbrush		10
					Western needlegrass		5
600 4	Doulder L 1	Day Mandary	Easta 1-1	1.000	Curl-leaf mt mahogany		5
600A	Boulder Lake	Dry Meadow	Favorable	1600	Nevada bluegrass		55
		(021XY314OR)	Normal	1400	Silver sagebrush		15
			Unfavorable	1200	Slender wheatgrass		5
	TT		E 11	1 500	Mat muhly		5
	Hippyjim	Ephemeral Lakebed	Favorable	1500	Spikerush		65
		(021XY503OR)	Normal	1200	Sedge		10
	-		Unfavorable	900			
	Jennett	Claypan Bottom 12-18 PZ	Favorable	1200	Nevada bluegrass		25
		(021XY506OR)	Normal	1000	Canby bluegrass		15
	1		Unfavorable	700	Idaho fescue	1	10

Table 3.--Rangeland Productivity and Characteristic Plant Communities (Continued)

Map	Soil Name	Range Site	Total Product	ion	Characteristic	% Com	oosition
Symbol			(lbs/acre)		Vegetation	T (	D
(0.2.)			Kind of year	Dry Wgt	NT 1 1 1	Forest	Range
602A	Boulder Lake	Dry Meadow	Favorable	1600	Nevada bluegrass		55
		(021XY314OR)	Normal	1400	Silver sagebrush		15
			Unfavorable	1200	Slender wheatgrass		5
				1.500	Mat muhly		5
	Hippyjim	Ephemeral Lakebed	Favorable	1500	Spikerush		65
		(021XY503OR)	Normal	1200	Sedge		10
			Unfavorable	900			
	Jennett	Claypan Bottom 12-18 PZ	Favorable	1200	Nevada bluegrass		25
		(021XY506OR)	Normal	1000	Canby bluegrass		15
			Unfavorable	700	Idaho fescue		10
605A	Boulder Lake	Dry Meadow	Favorable	1600	Nevada bluegrass		55
		(021XY314OR)	Normal	1400	Silver sagebrush		15
			Unfavorable	1200	Slender wheatgrass		5
					Mat muhly		5
	Cressler	Wet Meadow	Favorable	3000	Tufted hairgrass		55
		(021XY406OR)	Normal	2500	Nebraska sedge		5
			Unfavorable	1500			
	Olene	Semi-Wet Meadow	Favorable	1500	California oatgrass		75
		(021XY509)	Normal	1200	Sedge		5
			Unfavorable	1000			
	Benhall	Pine-Sedge-Fescue 16-24 PZ	Favorable	1000	Idaho fescue	20	
		(021XY414OR)	Normal	800	Ross' sedge	15	
		``````````````````````````````````````	Unfavorable	600	Common snowberry	10	
					Ponderosa pine	5	
610A	Hippyjim	Ephemeral Lakebed	Favorable	1500	Spikerush		65
		(021XY503OR)	Normal	1200	Sedge		10
		(021111000011)	Unfavorable	900	2 cogo		10
	Boulder Lake	Dry Meadow	Favorable	1600	Nevada bluegrass		55
	Dourder Luite	(021XY314OR)	Normal	1400	Silver sagebrush		15
		(02111151101()	Unfavorable	1200	Slender wheatgrass		5
			Children	1200	Mat muhly		5
	Olene	Semi-Wet Meadow	Favorable	1500	California oatgrass		75
	olelle	(021XY509)	Normal	1200	Sedge		5
		(02111130))	Unfavorable	1000	Beage		5
	Dranket	Juniper Claypan 16-20 PZ	Favorable	1000	Idaho fescue		45
	Drunket	(021XY501OR)	Normal	800	Low sagebrush		15
		(02111130101()	Unfavorable	500	Sandberg bluegrass		10
			Cinavorable	200	Western juniper		7
615A	Olene	Semi-Wet Meadow	Favorable	1500	California oatgrass		75
015/1	Olelle	(021XY509)	Normal	1200	Sedge		5
		(02111130))	Unfavorable	1000	Beage		5
	Boulder Lake	Dry Meadow	Favorable	1600	Nevada bluegrass		55
	Douldel Lake	(021XY314OR)	Normal	1400	Silver sagebrush		15
		(021/13140K)	Unfavorable	1400	Slender wheatgrass		5
			Ullavorable	1200	Mat muhly		5
	Dranket	Juniper Claypan 16-20 PZ	Favorable	1000	Idaho fescue		45
	Dialiket	(021XY501OR)	Normal		Low sagebrush		
		(021A13010K)	Unfavorable	800 500			15 10
			Uniavorable	500	Sandberg bluegrass Western juniper		10
	Ionnott	Clauman Datterry 12, 19, D7	Eavorable	1200			
	Jennett	Claypan Bottom 12-18 PZ	Favorable	1200	Nevada bluegrass		25
		(021XY506OR)	Normal	1000	Canby bluegrass		15
			Unfavorable	700	Idaho fescue		10
	Schnipps	Juniper-Mahogany-Fescue	Favorable	1000	Idaho fescue		25
		16-20 PZ (021XY420XY)	Normal	800	Bluebunch wheatgrass		10
			Unfavorable	600	Antelope bitterbrush		10
					Western needlegrass		5
					Curl-leaf mt mahogany		5

Table 3.--Rangeland Productivity and Characteristic Plant Communities (Continued)

#### **Table 4.--RECREATION**

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

Map Symbol	% of	Camp Areas		Picnic Areas		Playgrounds	
and Soil Name	Map	Rating Class and	Value	Rating Class and	Value	Rating Class and	Value
	Unit	Limiting Features	value	Limiting Features	value	Limiting Features	value
300A:	1		T		1		T
Norcross	85	Somewhat Limited		Somewhat Limited		Very Limited	
		Restricted Permeability	0.43	Restricted Permeability	0.43	Content of large stones	1.00
		Content of large stones	0.18	Content of large stones	0.18	Depth to cemented pan	1.00
						Gravel content	0.86
						Slope	0.48
<b>21</b> 0.4						Restricted permeability	0.43
310A:				1			1
Norcross,wooded	50	Somewhat Limited		Somewhat Limited		Very Limited	
		Content of large stones	0.50	Content of large stones	0.50	Content of large stones	1.00
		Restricted Permeability	0.43	Restricted Permeability	0.43	Gravel content	1.00
		Gravel content	0.01	Gravel content	0.01	Depth to cemented pan	1.00
						Slope	0.48
Durulat	20	Commented Lington		Company to the state		Restricted permeability	0.43
Dranket	20	Somewhat Limited	0.44	Somewhat Limited	0.44	Very Limited Gravel content	1.00
		Restricted Permeability Gravel content	0.44 0.20	Restricted Permeability Gravel content	0.44 0.20	Content of large stones	1.00 0.97
		Content of large stones	0.20	Content of large stones	0.20	Depth to cemented pan	0.97
		Content of large stones	0.01	Content of large stones	0.01	Depth to bedrock	0.65
						Slope	0.48
Norcross	15	Somewhat Limited		Somewhat Limited		Very Limited	0110
		Restricted Permeability	0.43	Restricted Permeability	0.43	Content of large stones	1.00
		Content of large stones	0.18	Content of large stones	0.18	Depth to cemented pan	1.00
						Gravel content	0.86
						Slope	0.48
						Restricted permeability	0.43
312A:		T	1				1
Norcross, wooded	65	Somewhat Limited	0.60	Somewhat Limited	0.60	Very Limited	1.00
		Content of large stones	0.68	Content of large stones	0.68	Content of large stones	1.00
		Restricted Permeability	0.43	Restricted Permeability	0.43	Depth to cemented pan Gravel content	1.00 0.94
						Slope	0.94
						Restricted permeability	0.48
Dranket	20	Somewhat Limited		Somewhat Limited		Very Limited	0.43
Dialiket	20	Restricted Permeability	0.44	Restricted Permeability	0.44	Gravel content	1.00
		Gravel content	0.20	Gravel content	0.20	Content of large stones	0.97
		Content of large stones	0.01	Content of large stones	0.01	Depth to cemented pan	0.84
		6		6		Depth to bedrock	0.65
						Slope	0.48
320A:		•		•			
Pankeybasin	85	Somewhat Limited		Somewhat Limited		Somewhat Limited	
		Restricted Permeability	0.39	Restricted Permeability	0.39	Restricted Permeability	0.39
						Slope	0.01
330B:		TT 11 1. 1	1	<b>X</b> 7 <b>1</b> <sup>1</sup> <b>1</b>	1	<b>T</b> T 11 1. 1	1
Casebeer	35	Very limited	1.00	Very limited	1.00	Very limited	1.00
		Depth to cemented pan	1.00	Depth to cemented pan	1.00	Content of large stones	1.00
		Restricted permeability	0.41 0.08	Restricted permeability	0.41	Gravel content	1.00
		Content of large stones Gravel content	0.08	Content of large stones Gravel content	0.08	Depth to cemented pan Depth to bedrock	1.00 0.46
Norcross	30	Somewhat Limited	0.01	Somewhat Limited	0.01	Very Limited	0.40
110101055	30	Restricted Permeability	0.43	Restricted Permeability	0.43	Content of large stones	1.00
		Content of large stones	0.43	Content of large stones	0.43	Depth to cemented pan	1.00
		content of hige stones	0.10	content of funge stolles	0.10	Gravel content	0.86
						Restricted Permeability	0.43
	1	+	1		1	Depth to bedrock	0.35

Map Symbol	% of	Camp Areas		Picnic Areas		Playgrounds	
and Soil Name	Map	Rating Class and	Value	Rating Class and	Value	Rating Class and	Value
	Unit	Limiting Features	value	Limiting Features	value	Limiting Features	value
Dranket	20	Somewhat Limited		Somewhat Limited		Very Limited	
		Restricted Permeability	0.44	Restricted Permeability	0.44	Content of large stones	1.00
		Content of large stones	0.18	Content of large stones	0.18	Gravel content	0.86
						Depth to cemented pan	0.84
						Depth to bedrock	0.65
4445						Restricted permeability	0.44
<u>331B:</u>	45		1			<b>X7 T</b> 1	1
Norcross	45	Somewhat Limited	0.42	Somewhat Limited	0.42	Very Limited	1.00
		Restricted Permeability	0.43	Restricted Permeability Content of large stones	0.43	Content of large stones	
		Content of large stones	0.18	Content of large stones	0.18	Depth to cemented pan	1.00
						Gravel content	0.86
						Restricted Permeability	
Durulat	20			Company has to be a		Depth to bedrock Very Limited	0.35
Dranket	30	Somewhat Limited Restricted Permeability	0.44	Somewhat Limited Restricted Permeability	0.44	Gravel content	1.00
			0.44		0.44		
		Gravel content	0.20	Gravel content	0.20	Content of large stones	0.97
		Content of large stones	0.01	Content of large stones	0.01	Depth to cemented pan Depth to bedrock	0.84
Casabaar	15	Very Limited		Very Limited		Restricted permeability Very Limited	0.44
Casebeer	15		1.00		1.00	Content of large stones	1.00
		Depth to cemented pan Restricted Permeability	0.41	Depth to cemented pan Restricted Permeability	1.00 0.41	Gravel content	1.00
		Content of large stones	0.41	Content of large stones	0.41	Depth to cemented pan	1.00
		Gravel content	0.08	Gravel content	0.08	Restricted Permeability	0.41
		Graver content	0.01	Graver content	0.01	Slope	0.41
335B:						Slope	0.05
Norcross, wooded	55	Somewhat Limited		Somewhat Limited		Very Limited	1
110101035, 1100000	55	Restricted Permeability	0.43	Restricted Permeability	0.43	Content of large stones	1.00
		Content of large stones	0.18	Content of large stones	0.18	Depth to cemented pan	1.00
		Content of large stones	0.10	Content of large stones	0.10	Gravel content	0.86
						Slope	0.48
						Restricted Permeability	0.43
Casebeer	30	Very Limited		Very Limited		Very Limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00	Content of large stones	1.00
		Content of large stones	0.50	Content of large stones	0.50	Gravel content	1.00
		Restricted Permeability	0.41	Restricted Permeability	0.41	Depth to cemented pan	1.00
		Gravel content	0.08	Gravel content	0.08	Depth to bedrock	0.46
						Restricted permeability	0.41
340A:							
Norcross	45	Somewhat Limited		Somewhat Limited		Very Limited	
		Restricted Permeability	0.43	Restricted Permeability	0.43	Content of large stones	1.00
		Content of large stones	0.18	Content of large stones	0.18	Gravel content	0.86
						Restricted permeability	0.43
						Slope	0.05
Casebeer	40	Very Limited		Very Limited		Very Limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00	Content of large stones	1.00
		Restricted Permeability	0.41	Restricted Permeability	0.41	Gravel content	1.00
		Content of large stones	0.08	Content of large stones	0.08	Depth to cemented pan	1.00
	-	Gravel content	0.01	Gravel content	0.01	Restricted permeability	0.41
2424						Slope	0.05
342A:	07	<b>τ</b> τ τ • · · 1	1	<b>X7 T</b> • • • 1	1	<b>X7 T</b> • • • •	
Casebeer	85	Very Limited	1.00	Very Limited	1.00	Very Limited	1.00
		Depth to cemented pan	1.00	Depth to cemented pan	1.00	Content of large stones	1.00
		Content of large stones	0.50	Content of large stones	0.50	Depth to cemented pan	1.00
		Restricted Permeability	0.41	Restricted Permeability	0.41	Gravel content	0.50
						Restricted permeability	0.41
	1					Slope	0.05

Map Symbol	% of	Camp Areas		Picnic Areas		Playgrounds	
and Soil Name	Мар	Rating Class and	Value	Rating Class and	Value	Rating Class and	Value
	Unit	Limiting Features	value	Limiting Features	value	Limiting Features	value
343A:							
Jennett	85	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Restricted Permeability	0.44	Restricted Permeability	0.44	Restricted Permeability	0.44
344A:	10		1		1	TT T 1 1	1
Norcross, ponded	40	Somewhat Limited	0.12	Somewhat Limited	0.12	Very Limited	1.00
		Restricted Permeability	0.43	Restricted Permeability	0.43	Content of large stones	1.00
		Content of large stones	0.18	Content of large stones	0.18	Gravel content	0.86
	25	37 1 1 1		<b>X7</b> 1 <sup>1</sup> 1		Restricted permeability	0.43
Boulder Lake	35	Very limited	1.00	Very limited	1.00	Very limited	1.00
		Depth to saturated zone	1.00	Ponding	1.00	Depth to saturated zone	1.00
		Ponding	1.00	Depth to saturated zone	1.00	Ponding	1.00
		Dusty	0.50	Dusty	0.50	Dusty	0.50
T //	1.7	Restricted Permeability	0.45	Restricted Permeability	0.45	Restricted Permeability	0.45
Jennett	15	Very limited	1.00	Very limited	1.00	Very limited	1.00
	<u> </u>	Ponding	1.00	Ponding	1.00	Ponding	1.00
	<u> </u>	Depth to saturated zone	1.00	Depth to saturated zone	0.94	Depth to saturated zone	1.00
2454	1	Restricted Permeability	0.44	Restricted Permeability	0.44	Restricted Permeability	0.44
345A:	70	<b>X7 T 1</b>	1	<b>X7 T 1</b>	1	<b>X7 T 1</b>	1
Casebeer	70	Very Limited	1.00	Very Limited	1.00	Very Limited	1.00
		Depth to cemented pan	1.00	Depth to cemented pan	1.00	Content of large stones	1.00
		Content of large stones	0.50	Content of large stones	0.50	Depth to cemented pan	1.00
		Restricted Permeability	0.41	Restricted Permeability	0.41	Gravel content	0.50
						Restricted Permeability	0.41
DII	1.5					Slope	0.05
Pankeybasin, stony	15	Somewhat Limited	0.20	Somewhat Limited	0.20	Very Limited	1.00
		Restricted Permeability	0.39	Restricted Permeability	0.39	Content of large stones	1.00
		Content of large stones	0.08	Content of large stones	0.08	Gravel content	0.95
						Restricted Permeability	0.39
2500						Slope	0.05
350B:	45	Marrie Line it al	1	Varia Lineita d	1	Varia Lineita d	1
Woolencanyon	45	Very Limited	1.00	Very Limited	1.00	Very Limited	1.00
		Depth to cemented pan	1.00	Depth to cemented pan	1.00	Content of large stones	1.00
		Depth to bedrock Content of large stones	1.00 0.82	Depth to bedrock Content of large stones	1.00 0.82	Depth to cemented pan Depth to bedrock	1.00
		Restricted permeability	0.82	Restricted permeability	0.82	Slope	0.48
		Restricted permeability	0.43	Restricted permeability	0.43		
Notchcorral	25	Somewhat Limited		Somewhat Limited		Restricted permeability Very Limited	0.45
Noteficolital	23	Restricted Permeability	0.43	Restricted Permeability	0.43	Content of large stones	1.00
						Gravel content	
	+	Content of large stones	0.02	Content of large stones	0.02	Depth to cemented pan	1.00 0.97
	+					Slope	0.97
	+						
Wonsor	20	Voru Limited		Vory Limited		Restricted permeability	0.43
Wonser	20	Very Limited	1.00	Very Limited	1.00	Very Limited Content of large stones	1.00
	+	Depth to bedrock Depth to cemented pan	1.00	Depth to bedrock	1.00		1.00
		· · ·	1.00 0.82	Depth to cemented pan	1.00	Depth to bedrock	1.00
	+	Content of large stones	0.82	Content of large stones	0.82	Depth to cemented pan Gravel content	0.92
	+	Restricted permeability	0.44	Restricted permeability	0.44	Restricted permeability	0.92
360B.	1		1		1	Resultied permeability	0.44
360B: Devaul	45	Somewhat Limited		Somewhat Limited		Somewhat Limited	
Devaui	43	Restricted Permeability	0.05	Restricted Permeability	0.05		0.94
		Resulcted Permeability	0.05	Resulcted Permeability	0.05	Slope Gravel content	0.94
							0.78
						Content of large stones	
	I		1		1	Restricted permeability	0.05

Map Symbol	% of	Camp Areas		Picnic Areas		Playgrounds	
and Soil Name	Map	Rating Class and	Value	Rating Class and	Value	Rating Class and	Value
	Unit	Limiting Features	value	Limiting Features	value	Limiting Features	value
Norcross, wooded	40	Somewhat Limited		Somewhat Limited		Very Limited	
		Restricted Permeability	0.43	Restricted Permeability	0.43	Content of large stones	1.00
		Content of large stones	0.18	Content of large stones	0.18	Depth to cemented pan	1.00
						Gravel content	0.86
						Slope	0.48
						Restricted Permeability	0.43
362B:							
Casebeer	30	Very Limited		Very Limited		Very Limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00	Content of large stones	1.00
		Content of large stones	0.50	Content of large stones	0.50	Gravel content	1.00
		Restricted permeability	0.41	Restricted permeability	0.41	Depth to cemented pan	1.00
		Gravel content	0.08	Gravel content	0.08	Depth to bedrock	0.46
						Restricted Permeability	0.41
Devaul	30	Somewhat Limited		Somewhat Limited		Somewhat Limited	
		Restricted Permeability	0.05	Restricted Permeability	0.05	Gravel content	0.78
						Content of large stones	0.68
						Slope	0.48
						Restricted Permeability	0.05
Norcross, wooded	25	Somewhat Limited		Somewhat Limited		Very Limited	
		Content of large stones	0.68	Content of large stones	0.68	Content of large stones	1.00
		Restricted Permeability	0.43	Restricted Permeability	0.43	Depth to cemented pan	1.00
						Gravel content	0.94
						Slope	0.48
						Restricted Permeability	0.43
370B:						· · · · ·	4
Widmer	60	Somewhat Limited		Somewhat Limited		Somewhat Limited	1
		Restricted Permeability	0.44	Restricted Permeability	0.44	Slope	0.77
						Content of large stones	0.68
						Restricted Permeability	0.44
						Depth to bedrock	0.35
						Gravel content	0.04
Lorella	25	Very Limited		Very Limited		Very Limited	0.01
Lorena	23	Depth to bedrock	1.00	Depth to bedrock	1.00	Depth to bedrock	1.00
		Restricted permeability	0.44	Restricted permeability	0.44	Slope	0.48
		Itesuiteteu permeueinty	0.11	Resultered permeasury	0.11	Restricted permeability	0.44
						Gravel content	0.33
						Content of large stones	0.03
380C:					l	Content of large stones	0.05
Menbo, cool	40	Very Limited		Very Limited		Very Limited	1
	40	Slope	1.00	Slope	1.00	Slope	1.00
		Restricted permeability	0.44	Restricted permeability	0.44	Content of large stones	1.00
		Content of large stones	0.44	Content of large stones	0.44	Gravel content	0.96
	1	Content of large stones	0.20	Content of farge stones	0.20	Depth to bedrock	0.96
						Restricted permeability	0.65
Drokoo	30	Very Limited		Very Limited		Very Limited	0.44
Drakce	30		1.00		1.00		1.00
		Slope Restricted normashility	1.00	Slope Restricted permeability	1.00	Slope	1.00
		Restricted permeability	0.44		0.44	Content of large stones	1.00
		Content of large stones	0.32	Content of large stones	0.32	Restricted permeability	0.44
P 10 /				N ( D ( 1		Gravel content	0.38
Rock Outcrop	20	Not Rated	1	Not Rated	1	Not Rated	1
390A:	05	NT / T * */ 1	1	NT / T * */ 1	1	0 1 (7 1 1	<del></del>
Teeltruc	85	Not Limited		Not Limited		Somewhat Limited	0.01
					ļ	Slope	0.21
						Content of large stones	0.01
392B:		I	1				
Teeltruc	65	Not Limited		Not Limited		Somewhat Limited	
						Slope	0.77
	1				1	Content of large stones	0.01

Map Symbol	% of	Camp Areas	1	Picnic Areas	1	Playgrounds	
and Soil Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Schnipps, moist	20	Somewhat Limited		Somewhat Limited		Very Limited	
		Restricted permeability	0.39	Restricted permeability	0.39	Slope	1.00
		Slope	0.16	Slope	0.16	Content of large stones	1.00
		Content of large stones	0.08	Content of large stones	0.08	Gravel Content	0.73
						Restricted permeability	0.39
400C:							
Schnipps	85	Somewhat Limited		Somewhat Limited		Very Limited	
		Restricted permeability	0.39	Restricted permeability	0.39	Slope	1.00
		Slope	0.16	Slope	0.16	Content of large stones	0.92
						Restricted permeability	0.39
						Gravel Content	0.22
402C:							
Devaul	60	Somewhat Limited		Somewhat Limited		Very Limited	
		Slope	0.16	Slope	0.16	Slope	1.00
		Restricted permeability	0.05	Restricted permeability	0.05	Gravel Content	0.78
						Content of large stones	0.68
					ſ	Restricted permeability	0.05
Schnipps	30	Very Limited		Very Limited		Very Limited	
**		Slope	1.00	Slope	1.00	Slope	1.00
		Restricted permeability	0.39	Restricted permeability	0.39	Content of large stones	0.92
						Restricted permeability	0.39
						Gravel Content	0.22
410D:							
Drakce	65	Very Limited		Very Limited		Very Limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Restricted permeability	0.44	Restricted permeability	0.44	Content of large stones	1.00
		Content of large stones	0.32	Content of large stones	0.32	Restricted permeability	0.44
Rock Outcrop	20	Not Rated	0.02	Not Rated	0.52	Not Rated	0.11
500C:	20	Hot Ruled		Not Rated		Not Rated	
Mound	40	Very Limited		Very Limited		Very Limited	
Wiound	+0	Slope	1.00	Slope	1.00	Slope	1.00
		Restricted permeability	0.39	Restricted permeability	0.39	Content of large stones	1.00
		Content of large stones	0.02	Content of large stones	0.02	Restricted permeability	0.39
		Content of large stolles	0.02	Content of large stones	0.02	Gravel Content	0.39
Doust	30	Very Limited		Very Limited		Very Limited	0.14
Royst	30	Slope	1.00	Slope	1.00	Slope	1.00
		Restricted permeability	0.44	Restricted permeability	0.44	Content of large stones	0.92
		Restricted permeability	0.44	Restricted permeability	0.44		
						Restricted permeability	0.44
						Gravel Content	0.22
D 10/	15			N ( D ( 1		Depth to bedrock	0.01
Rock Outcrop	15	Not Rated		Not Rated		Not Rated	
505D:	40	Vom Linited		Vom Linite 1		Vom Linite J	1
Menbo	40	Very Limited	1.00	Very Limited	1.00	Very Limited	1.00
	+	Slope	1.00	Slope	1.00	Slope	1.00
	+	Restricted permeability	0.44	Restricted permeability	0.44	Content of large stones	1.00
		Content of large stones	0.26	Content of large stones	0.26	Gravel Content	0.96
	_					Depth to bedrock	0.65
D I				<b>X7 X 1</b> 1		Restricted permeability	0.44
Drakce	25	Very Limited	1.00	Very Limited	1.00	Very Limited	1.00
		Slope	1.00	Slope	1.00	Slope	1.00
		Restricted permeability	0.44	Restricted permeability	0.44	Content of large stones	1.00
		Content of large stones	0.32	Content of large stones	0.32	Restricted permeability	0.44
			ļ			Gravel Content	0.38
Rock Outcrop	20	Not Rated		Not Rated		Not Rated	
510B:							
Schnipps, moist	45	Somewhat Limited		Somewhat Limited		Very Limited	
		Restricted permeability	0.39	Restricted permeability	0.39	Slope	1.00
						Content of large stones	0.92
						Restricted permeability	0.39
						Gravel Content	0.22

Map Symbol	% of	Camp Areas	1	Picnic Areas	1	Playgrounds	1
and Soil Name	Map	Rating Class and	Value	Rating Class and	Value	Rating Class and	Value
	Unit	Limiting Features	value	Limiting Features	value	Limiting Features	value
Norcross, wooded	40	Somewhat Limited		Somewhat Limited		Very Limited	
		Restricted permeability	0.43	Restricted permeability	0.43	Content of large stones	1.00
		Content of large stones	0.18	Content of large stones	0.18	Depth to cemented pan	1.00
						Gravel Content	0.86
						Slope	0.48
						Restricted permeability	0.43
515B:			r		1		1
Bumpheads, moist	35	Somewhat Limited		Somewhat Limited	0.50	Very Limited	1.00
		Content of large stones	0.50	Content of large stones	0.50	Content of large stones	1.00
	-	Restricted permeability	0.41	Restricted permeability	0.41	Gravel Content	0.50
						Slope	0.48
						Restricted permeability	
Mound	30	Computed Limited		Somewhat Limited		Depth to bedrock Very Limited	0.16
Mound	- 30	Somewhat Limited Restricted permeability	0.39	Somewhat Limited Restricted permeability	0.39	Content of large stones	1.00
	-	· · ·	0.39	Content of large stones	0.39	Slope	0.48
		Content of large stones	0.02	Content of large stones	0.02	Restricted permeability	0.48
						Gravel Content	0.39
Norcross, wooded	25	Somewhat Limited		Somewhat Limited		Very Limited	0.14
noteross, wooded	23	Content of large stones	0.68	Content of large stones	0.68	Content of large stones	1.00
		Restricted permeability	0.08	Restricted permeability	0.08	Depth to cemented pan	1.00
		Restricted permeability	0.45		0.45	Gravel Content	0.94
						Slope	0.48
						Restricted permeability	0.43
517B:						resulted permeasing	0110
Bumpheads	40	Somewhat Limited		Somewhat Limited		Very Limited	
	-	Content of large stones	0.50	Content of large stones	0.50	Content of large stones	1.00
		Restricted permeability	0.41	Restricted permeability	0.41	Gravel Content	0.50
						Slope	0.48
						Restricted permeability	0.41
			1			Depth to bedrock	0.16
Mound	30	Somewhat Limited		Somewhat Limited		Very Limited	
		Restricted permeability	0.39	Restricted permeability	0.39	Content of large stones	1.00
		Content of large stones	0.02	Content of large stones	0.02	Slope	0.77
						Restricted permeability	0.39
						Gravel Content	0.14
Norcross, wooded	20	Somewhat Limited		Somewhat Limited		Very Limited	
		Content of large stones	0.68	Content of large stones	0.68	Content of large stones	1.00
		Restricted permeability	0.43	Restricted permeability	0.43	Depth to cemented pan	1.00
						Gravel Content	0.94
						Slope	0.48
						Restricted permeability	0.43
520B:	4.7	0 1	1	0 1 1 1		<b>X7 T 1</b>	
Mound	45	Somewhat Limited	0.20	Somewhat Limited	0.20	Very Limited	1.00
		Restricted permeability	0.39	Restricted permeability	0.39	Slope	1.00
		Slope	0.16	Slope	0.16	Content of large stones	1.00
		Content of large stones	0.02	Content of large stones	0.02	Restricted permeability Gravel Content	0.39
Benhall	40	Somewhat Limited	ł	Somewhat Limited		Very Limited	0.14
Definiali	40	Restricted permeability	0.26	Restricted permeability	0.26	Slope	1.00
	+	Slope	0.26	Slope	0.26	Content of large stones	0.65
		Stope	0.10	Stope	0.10	Gravel Content	0.03
			+			Restricted permeability	0.32
			-			Depth to bedrock	0.20
525C:	I	1	I	I	I	Depth to beatock	0.01
Mound	85	Very Limited		Very Limited		Very Limited	
	05	Slope	1.00	Slope	1.00	Slope	1.00
	1	Restricted permeability	0.39	Restricted permeability	0.39	Content of large stones	1.00
	1	Content of large stones	0.02	Content of large stones	0.02	Restricted permeability	0.39
				· · · · · · · · · · · · · · · · · · ·	0.04		. 0.07

Map Symbol	% of	Camp Areas		Picnic Areas		Playgrounds	
and Soil Name	Мар	Rating Class and	Value	Rating Class and	Value	Rating Class and	Value
and bon Manie	Unit	Limiting Features	value	Limiting Features	value	Limiting Features	value
530B:							
Benhall, moist	45	Somewhat Limited		Somewhat Limited		Somewhat Limited	
		Restricted permeability	0.26	Restricted permeability	0.26	Slope	0.94
						Content of large stones	0.68
						Gravel Content	0.32
						Restricted permeability	0.26
						Depth to bedrock	0.01
Mound, moist	40	Somewhat Limited		Somewhat Limited		Very Limited	
		Restricted permeability	0.39	Restricted permeability	0.39	Content of large stones	1.00
		Content of large stones	0.02	Content of large stones	0.02	Slope	0.94
						Restricted permeability	0.39
						Gravel Content	0.14
532B:						•	
Tallboy	85	Somewhat Limited		Somewhat Limited		Very Limited	
2		Restricted permeability	0.43	Restricted permeability	0.43	Slope	1.00
		· · · · ·				Gravel Content	0.78
			1	İ.		Content of large stones	0.68
						Restricted permeability	0.43
533C:							
Benhall, moist	45	Very Limited		Very Limited		Very Limited	
,		Slope	1.00	Slope	1.00	Slope	1.00
		Restricted permeability	0.26	Restricted permeability	0.26	Content of large stones	0.68
						Gravel Content	0.32
						Restricted permeability	0.26
						Depth to bedrock	0.01
Mound, moist	40	Very Limited		Very Limited		Very Limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Restricted permeability	0.39	Restricted permeability	0.39	Content of large stones	1.00
		Content of large stones	0.02	Content of large stones	0.02	Restricted permeability	0.39
			0.02		0.02	Gravel Content	0.14
540C:			1		1		0111
Schnipps, moist	60	Very Limited		Very Limited		Very Limited	
Semipps, moise	00	Slope	1.00	Slope	1.00	Slope	1.00
		Restricted permeability	0.39	Restricted permeability	0.39	Content of large stones	0.92
		Resulted permeability	0.57	Resultered permeasurery	0.57	Restricted permeability	0.39
						Gravel Content	0.22
Mound	25	Somewhat Limited		Somewhat Limited		Very Limited	0.22
Mound	23	Restricted permeability	0.39	Restricted permeability	0.39	Slope	1.00
		Slope	0.16	Slope	0.16	Content of large stones	1.00
		Content of large stones	0.02	Content of large stones	0.02	Restricted permeability	0.39
		Content of large stones	0.02	Content of large stolles	0.02	Gravel Content	0.14
542B:			l		1	Graver Content	0.14
Grohs	45	Somewhat Limited		Somewhat Limited		Very Limited	
510113	-+./	Restricted permeability	0.44	Restricted permeability	0.44	Slope	1.00
			0.44	Resultion permeability	0.44	Depth to bedrock	0.95
						Content of large stones	0.93
						Restricted permeability	0.08
			+	+	+	Gravel Content	0.44
Carrbutte	40	Somewhat Limited	+	Somewhat Limited	+	Very Limited	0.04
Carround	40	Restricted permeability	0.41	Restricted permeability	0.41	Slope	1.00
			0.41	Slope	0.41	Content of large stones	0.68
		Slope	0.10	siope	0.10	Restricted permeability	0.08
						· · ·	0.41
542D.						Gravel Content	0.32
543B:	05	Somewhat Limit-J	1	Computer Limit-J		Vom Limitad	1
Carrbutte	85	Somewhat Limited	0.41	Somewhat Limited	0.41	Very Limited	1.00
		Restricted permeability	0.41	Restricted permeability	0.41	Slope	1.00
						Content of large stones	0.68
					-	Restricted permeability	0.41
					1	Gravel Content	0.32

Map Symbol	% of	Camp Areas		Picnic Areas		Playgrounds	
and Soil Name	Мар	Rating Class and	Value	Rating Class and	Value	Rating Class and	Value
	Unit	Limiting Features	value	Limiting Features	value	Limiting Features	v alue
550C:		1		1		1	
Menbo	85	Very Limited		Very Limited		Very Limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Restricted permeability	0.44	Restricted permeability	0.44	Content of large stones	1.00
		Content of large stones	0.26	Content of large stones	0.26	Gravel Content	0.96
						Depth to bedrock	0.65
						Restricted permeability	0.44
<u>560C:</u>	1.15		1	<b>TTTTTTTTTTTTT</b>	1	<b>T</b> T <b>T I I</b>	1
Drakce	45	Very Limited	1.00	Very Limited	1.00	Very Limited	1.00
		Slope	1.00	Slope	1.00	Slope	1.00
		Restricted permeability Content of large stones	0.44 0.32	Restricted permeability	0.44 0.32	Content of large stones Restricted permeability	1.00 0.44
		Content of large stones	0.32	Content of large stones	0.32	Gravel Content	0.44
Dranket	40	Somewhat Limited		Somewhat Limited		Very Limited	0.38
Dialiket	40	Restricted permeability	0.44	Restricted permeability	0.44	Content of large stones	1.00
		Content of large stones	0.18	Content of large stones	0.18	Slope	1.00
		Content of large stolles	0.10	Content of large stolles	0.10	Gravel content	0.86
						Depth to cemented pan	0.80
						Depth to bedrock	0.65
600A:	1	1	1	1	1	20ptil to bourbork	0.05
Boulder Lake	55	Very limited		Very limited		Very limited	
under Lune		Depth to saturated zone	1.00	Ponding	1.00	Depth to saturated zone	1.00
		Ponding	1.00	Depth to saturated zone	1.00	Ponding	1.00
		Restricted Permeability	0.45	Restricted Permeability	0.45	Restricted Permeability	0.45
Hippyjim	35	Very limited		Very limited		Very limited	
1175		Depth to saturated zone	1.00	Ponding	1.00	Depth to saturated zone	1.00
		Ponding	1.00	Depth to saturated zone	1.00	Ponding	1.00
		Restricted Permeability	0.45	Restricted Permeability	0.45	Restricted Permeability	0.45
602A:		· · ·		· · ·			
Boulder Lake	85	Very limited		Very limited		Very limited	
		Depth to saturated zone	1.00	Ponding	1.00	Depth to saturated zone	1.00
		Ponding	1.00	Depth to saturated zone	1.00	Ponding	1.00
		Dusty	0.50	Dusty	0.50	Dusty	0.50
		Restricted Permeability	0.45	Restricted Permeability	0.45	Restricted Permeability	0.45
605A:	-		r		r	1	-
Boulder Lake	45	Very limited		Very limited		Very limited	
-		Depth to saturated zone	1.00	Ponding	1.00	Depth to saturated zone	1.00
		Ponding	1.00	Depth to saturated zone	1.00	Ponding	1.00
		Dusty	0.50	Dusty	0.50	Dusty	0.50
		Restricted Permeability	0.45	Restricted Permeability	0.45	Restricted Permeability	0.45
Cressler	40	Very limited	1.00	Very limited	1.00	Very limited	1.00
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Restricted Permeability	0.94	Depth to saturated zone	1.00
(10.4.)		Restricted Permeability	0.94	Depth to saturated zone	0.75	Restricted Permeability	0.94
610A:	07	V1' ' 1	1	Manual in the 1	1	Manual in the 1	1
Hippyjim	85	Very limited	1.00	Very limited	1.00	Very limited	1.00
		Depth to saturated zone	1.00	Ponding	1.00	Depth to saturated zone	1.00
		Ponding Restricted Permeability	1.00	Depth to saturated zone	1.00	Ponding Destricted Dermochility	1.00
6154.		Restricted Permeability	0.45	Restricted Permeability	0.45	Restricted Permeability	0.45
615A:	45	Very limited	1	Very limited	1	Very limited	1
Olene	45	Depth to saturated zone	1.00	Ponding	1.00	Depth to saturated zone	1.00
		Ponding	1.00	Depth to saturated zone	1.00	Ponding	1.00
		Too clayey	0.50	Too clayey	0.50	Gravel content	0.97
		Restricted Permeability	0.50	Restricted Permeability	0.50	Too clayey	0.97
		Resultied renneability	0.43	Resultied renneability	0.43	Restricted Permeability	0.50
	40	Very limited	<u> </u>	Very limited	<u> </u>	Very limited	0.43
Boulderlake		very minueu			1.00		1.00
Boulderlake		Depth to saturated zone	1.00	Ponding	1 ( )( )	Denth to saturated zone	
Boulderlake		Depth to saturated zone Ponding	1.00	Ponding Depth to saturated zone	1.00	Depth to saturated zone Ponding	
Boulderlake		Depth to saturated zone Ponding Dusty	1.00 1.00 0.50	Ponding Depth to saturated zone Dusty	1.00 1.00 0.50	Depth to saturated zone Ponding Dusty	1.00 1.00 0.50

#### **Table 5.--RECREATION**

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

Map Symbol	% of	Paths and Trails	1	Off-road motorcycle trails		
and Soil Name	Map	Rating Class and	Value	Rating Class and	Value	
	Unit	Limiting Features	value	Limiting Features	value	
300A:			1			
Norcross	85	Somewhat Limited		Somewhat Limited		
		Content of large stones	0.18	Content of large stones	0.18	
310A:			r		1	
Norcross,wooded	50	Somewhat Limited		Somewhat Limited		
		Content of large stones	0.50	Content of large stones	0.50	
Dranket	20	Somewhat Limited		Somewhat Limited		
		Content of large stones	0.01	Content of large stones	0.01	
Norcross	15	Somewhat Limited		Somewhat Limited		
		Content of large stones	0.18	Content of large stones	0.18	
312A:		-				
Norcross, wooded	65	Somewhat Limited		Somewhat Limited		
		Content of large stones	0.68	Content of large stones	0.68	
Dranket	20	Somewhat Limited		Somewhat Limited		
		Content of large stones	0.01	Content of large stones	0.01	
320A:	1	1	1	1		
Pankeybasin	85	Not Limited		Not Limited		
330B:		-		-		
Casebeer	35	Somewhat limited		Somewhat limited		
		Content of large stones	0.08	Content of large stones	0.08	
Norcross	30	Somewhat Limited		Somewhat Limited		
		Content of large stones	0.18	Content of large stones	0.18	
Dranket	20	Somewhat Limited		Somewhat Limited		
		Content of large stones	0.18	Content of large stones	0.18	
331B:						
Norcross	45	Somewhat Limited		Somewhat Limited		
		Content of large stones	0.18	Content of large stones	0.18	
Dranket	30	Somewhat Limited		Somewhat Limited		
		Content of large stones	0.01	Content of large stones	0.01	
Casebeer	15	Somewhat Limited		Somewhat Limited		
		Content of large stones	0.08	Content of large stones	0.08	
335B:						
Norcross, wooded	55	Somewhat Limited		Somewhat Limited		
		Content of large stones	0.18	Content of large stones	0.18	
Casebeer	30	Somewhat Limited		Somewhat Limited		
		Content of large stones	0.50	Content of large stones	0.50	
340A:				-		
Norcross	45	Somewhat Limited		Somewhat Limited		
		Content of large stones	0.18	Content of large stones	0.18	
Casebeer	40	Somewhat Limited		Somewhat Limited		
		Content of large stones	0.08	Content of large stones	0.08	
342A:						
Casebeer	85	Somewhat Limited		Somewhat Limited		
		Content of large stones	0.50	Content of large stones	0.50	
343A:						
Jennett	85	Very limited	ſ	Very limited		
		Ponding	1.00	Ponding	1.00	
		Depth to saturated zone	0.86	Depth to saturated zone	0.86	
344A:	•	· •	•			
Norcross, ponded	40	Somewhat Limited		Somewhat Limited		
Boulder Lake	35	Very limited		Very limited		
	1	Depth to saturated zone	1.00	Ponding	1.00	
	1	Ponding	1.00	Depth to saturated zone	1.00	
		Dusty	0.50	Dusty	0.50	
Jennett	15	Very limited		Very limited		
		Ponding	1.00	Ponding	1.00	
		Depth to saturated zone	0.86	Depth to saturated zone	0.86	

Map Symbol	% of	Paths and Trails		Off-road motorcycle trails		
and Soil Name	Map	Rating Class and	Value	Rating Class and	Value	
	Unit	Limiting Features	value	Limiting Features	value	
345A:	<b>I</b> .			I	1	
Casebeer	70	Somewhat Limited		Somewhat Limited		
		Content of large stones	0.50	Content of large stones	0.50	
Pankeybasin, stony	15	Somewhat Limited		Somewhat Limited		
		Content of large stones	0.08	Content of large stones	0.08	
350B:	•	1				
Woolencanyon	45	Somewhat Limited		Somewhat Limited		
		Content of large stones	0.82	Content of large stones	0.82	
Notchcorral	25	Somewhat Limited		Somewhat Limited		
		Content of large stones	0.02	Content of large stones	0.02	
Wonser	20	Somewhat Limited		Somewhat Limited		
		Content of large stones	0.82	Content of large stones	0.82	
360B:						
Devaul	45	Not Limited		Not Limited		
Norcross, wooded	40	Somewhat Limited		Somewhat Limited		
		Content of large stones	0.18	Content of large stones	0.18	
362B:						
Casebeer	30	Somewhat Limited		Somewhat Limited		
		Content of large stones	0.50	Content of large stones	0.50	
Devaul	30	Not Limited		Not Limited		
Norcross, wooded	25	Somewhat Limited		Somewhat Limited		
		Content of large stones	0.68	Content of large stones	0.68	
370B:		·		·		
Widmer	60	Not Limited		Not Limited		
Lorella	25	Not Limited		Not Limited		
380C:				•		
Menbo, cool	40	Very Limited		Somewhat Limited		
,		Slope	1.00	Slope	0.56	
		Content of large stones	0.26	Content of large stones	0.26	
Drakce	30	Very Limited		Somewhat Limited		
		Slope	1.00	Content of large stones	0.32	
		Content of large stones	0.32			
Rock Outcrop	20	Not Rated		Not Rated		
390A:				1 · · · · · · · ·	1	
Teeltruc	85	Not Limited		Not Limited		
392B:						
Teeltruc	65	Not Limited		Not Limited		
Schnipps, moist	20	Somewhat Limited		Somewhat Limited		
11 /		Content of large stones	0.08	Content of large stones	0.08	
400C:		6				
Schnipps	85	Not Limited		Not Limited		
402C:			1		1	
	60	Not Limited		Not Limited		
Devaul	00			1.00 Linneu	1	
Devaul Schnipps		Not Limited		Not Limited		
Schnipps	30	Not Limited		Not Limited		
Schnipps 410D:	30					
Schnipps		Very Limited	1.00	Somewhat Limited	0.32	
Schnipps 410D:	30	Very Limited Slope	1.00	Somewhat Limited Content of large stones		
Schnipps 410D: Drakce	30 65	Very Limited Slope Content of large stones	1.00 0.32	Somewhat Limited Content of large stones Slope		
Schnipps 410D: Drakce Rock Outcrop	30	Very Limited Slope		Somewhat Limited Content of large stones		
Schnipps 410D: Drakce Rock Outcrop 500C:	30 65 20	Very Limited Slope Content of large stones Not Rated		Somewhat Limited Content of large stones Slope Not Rated		
Schnipps 410D: Drakce Rock Outcrop	30 65	Very Limited Slope Content of large stones Not Rated Somewhat Limited	0.32	Somewhat Limited Content of large stones Slope Not Rated Somewhat Limited	0.32	
Schnipps 410D: Drakce Rock Outcrop 500C:	30 65 20	Very Limited Slope Content of large stones Not Rated Somewhat Limited Slope	0.32	Somewhat Limited Content of large stones Slope Not Rated	0.22	
Schnipps 410D: Drakce Rock Outcrop 500C: Mound	30 65 20 40	Very Limited Slope Content of large stones Not Rated Somewhat Limited Slope Content of large stones	0.32	Somewhat Limited Content of large stones Slope Not Rated Somewhat Limited Content of large stones	0.22	
Schnipps 410D: Drakce Rock Outcrop 500C:	30 65 20	Very Limited Slope Content of large stones Not Rated Somewhat Limited Slope Content of large stones Somewhat Limited	0.32	Somewhat Limited Content of large stones Slope Not Rated Somewhat Limited	0.22	
Schnipps 410D: Drakce Rock Outcrop 500C: Mound Royst	30 65 20 40 30	Very Limited Slope Content of large stones Not Rated Somewhat Limited Slope Content of large stones Somewhat Limited Slope	0.32	Somewhat Limited Content of large stones Slope Not Rated Somewhat Limited Content of large stones Not Limited		
Schnipps 410D: Drakce Rock Outcrop 500C: Mound Royst Rock Outcrop	30 65 20 40	Very Limited Slope Content of large stones Not Rated Somewhat Limited Slope Content of large stones Somewhat Limited	0.32	Somewhat Limited Content of large stones Slope Not Rated Somewhat Limited Content of large stones	0.22	
Schnipps 410D: Drakce Rock Outcrop 500C: Mound Royst Rock Outcrop 505D:	30 65 20 40 30 15	Very Limited Slope Content of large stones Not Rated Somewhat Limited Slope Content of large stones Somewhat Limited Slope Not Rated	0.32	Somewhat Limited Content of large stones Slope Not Rated Somewhat Limited Content of large stones Not Limited Not Rated	0.22	
Schnipps 410D: Drakce Rock Outcrop 500C: Mound Royst Rock Outcrop	30 65 20 40 30	Very Limited Slope Content of large stones Not Rated Somewhat Limited Slope Content of large stones Somewhat Limited Slope	0.32	Somewhat Limited Content of large stones Slope Not Rated Somewhat Limited Content of large stones Not Limited	0.22	

Map Symbol	% of	Paths and Trails		Off-road motorcycle tra	nils
and Soil Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Drakce	25	Very Limited		Very Limited	
Diakee	25	Slope	1.00	Slope	1.00
		Content of large stones	0.32	Content of large stones	0.32
Rock Outcrop	20	Not Rated	0.52	Not Rated	0.32
<b>510B:</b>	20	Not Kated		Not Kaleu	
Schnipps, moist	45	Not Limited		Not Limited	1
Norcross, wooded	43	Somewhat Limited		Somewhat Limited	
Norcross, wooded	40	Content of large stones	0.19		0.10
515D		Content of large stones	0.18	Content of large stones	0.18
515B:	25	Some and at Limited		Company to the d	
Bumpheads, moist	35	Somewhat Limited	0.50	Somewhat Limited	0.50
	20	Content of large stones	0.50	Content of large stones	0.50
Mound	30	Somewhat Limited	0.02	Somewhat Limited	0.00
		Content of large stones	0.02	Content of large stones	0.02
Norcross, wooded	25	Somewhat Limited		Somewhat Limited	
		Content of large stones	0.68	Content of large stones	0.68
517B:		1		I	
Bumpheads	40	Somewhat Limited		Somewhat Limited	
		Content of large stones	0.50	Content of large stones	0.50
Mound	30	Somewhat Limited		Somewhat Limited	
		Content of large stones	0.02	Content of large stones	0.02
Norcross, wooded	20	Somewhat Limited		Somewhat Limited	
		Content of large stones	0.68	Content of large stones	0.68
520B:					
Mound	45	Somewhat Limited		Somewhat Limited	
		Content of large stones	0.02	Content of large stones	0.02
Benhall	40	Not Limited		Not Limited	
525C:					
Mound	85	Somewhat Limited		Somewhat Limited	
		Slope	0.92	Content of large stones	0.02
		Content of large stones	0.02	8	
530B:	1				
Benhall, moist	45	Not Limited		Not Limited	
Mound, moist	40	Somewhat Limited		Somewhat Limited	
niouna, monse		Content of large stones	0.02	Content of large stones	0.02
532B:		Content of hige stones	0.02	Content of large stones	0.02
Tallboy	85	Not Limited		Not Limited	
533C:					
Benhall, moist	45	Very Limited		Not Limited	
Definitari, morst	-15	Slope	1.00	Ttot Elillited	
Mound, moist	40	Very Limited	1.00	Somewhat Limited	
Would, moist	+0	Slope	1.00	Content of large stones	0.02
		Content of large stones	0.02	Content of large stones	0.02
5400.	1	Content of large stolles	0.02		1
540C:	<i>(</i> )	Net Lin 1	T	N-41	T
Schnipps, moist	60	Not Limited		Not Limited	
Mound	25	Somewhat Limited	0.02	Somewhat Limited	0.00
		Content of large stones	0.02	Content of large stones	0.02
542B:				AT . T	1
Grohs	45	Not Limited		Not Limited	ļ
Carrbutte	40	Not Limited		Not Limited	
543B:	1	1	1	1	
Carrbutte	85	Not Limited		Not Limited	
550C:				•	-
Menbo	85	Very Limited		Very Limited	
		Slope	1.00	Slope	1.00
		Content of large stones	0.26	Content of large stones	0.26
560C:					
Drakce	45	Very Limited		Somewhat Limited	
	-	Slope	1.00	Content of large stones	0.32
	1	Content of large stones	0.32	0	
	10			Somewhat Limited	
Dranket	40	Somewhat Limited		Somewhat Linned	

Map Symbol	% of	Paths and Trails		Off-road motorcycle trails		
and Soil Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	
600A:		·				
Boulder Lake	55	Very limited		Very limited		
		Depth to saturated zone	1.00	Ponding	1.00	
		Ponding	1.00	Depth to saturated zone	1.00	
Hippyjim	35	Very limited		Very limited		
		Depth to saturated zone	1.00	Ponding	1.00	
		Ponding	1.00	Depth to saturated zone	1.00	
602A:						
Boulder Lake	85	Very limited		Very limited		
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	
		Ponding	1.00	Ponding	1.00	
		Dusty	0.50	Dusty	0.50	
605A:				· ·		
Boulder Lake	45	Very limited		Very limited		
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	
		Ponding	1.00	Ponding	1.00	
		Dusty	0.50	Dusty	0.50	
Cressler	40	Very limited		Very limited		
		Ponding	1.00	Ponding	1.00	
		Depth to saturated zone	0.44	Depth to saturated zone	0.44	
610A:						
Hippyjim	85	Very limited		Very limited		
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	
		Ponding	1.00	Ponding	1.00	
615A:						
Olene	45	Very limited		Very limited		
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	
		Ponding	1.00	Ponding	1.00	
		Too clayey	0.50	Too clayey	0.50	
Boulderlake	40	Very limited		Very limited		
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	
		Ponding	1.00	Ponding	1.00	
		Dusty	0.50	Dusty	0.50	

#### Table 6.—BUILDING SITE DEVELOPMENT

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

% of		Local Roads and Street	s	Shallow Excavations		Lawns and Landscaping	
Map Symbol and Soil Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
300A:		· · · · · · · · · · · · · · · · · · ·	•	· · · · · ·	•		•
Norcross	85	Very Limited		Very Limited		Very Limited	
		Shrink-swell	1.00	Depth to hard bedrock	1.00	Content of large stones	1.00
		Frost action	0.50	Depth to thin cement pan	1.00	Depth to cemented pan	1.00
		Depth to hard bedrock	0.35	Too clayey	0.76	Droughty	0.48
				Cutbanks cave	0.10	Depth to bedrock	0.35
310A:		-	-				
Norcross,wooded	50	Very Limited		Very Limited		Very Limited	
		Shrink-swell	1.00	Depth to hard bedrock	1.00	Content of large stones	1.00
		Frost action	0.50	Depth to thin cement pan	1.00	Depth to cemented pan	1.00
		Depth to hard bedrock	0.35	Too clayey	0.76	Droughty	0.48
				Cutbanks cave	0.10	Depth to bedrock	0.35
						Gravel content	0.01
Dranket	20	Very Limited		Very Limited		Somewhat Limited	
		Shrink-swell	1.00	Cutbanks cave	1.00	Content of large stones	0.97
		Depth to hard bedrock	0.64	Depth to hard bedrock	1.00	Depth to cemented pan	0.84
		Frost action	0.50	Depth to thin cement pan	0.84	Depth to bedrock	0.65
				Too clayey	0.68	Gravel content	0.20
						Droughty	0.03
Norcross	15	Very Limited		Very Limited		Very Limited	
		Shrink-swell	1.00	Depth to hard bedrock	1.00	Content of large stones	1.00
		Frost action	0.50	Depth to thin cement pan	1.00	Depth to cemented pan	1.00
		Depth to hard bedrock	0.35	Too clayey	0.76	Droughty	0.48
				Cutbanks cave	0.10	Depth to bedrock	0.35
312A:				·		· · · ·	
Norcross, wooded	65	Very Limited		Very Limited		Very Limited	
		Shrink-swell	1.00	Depth to hard bedrock	1.00	Content of large stones	1.00
		Frost action	0.50	Depth to thin cement pan	1.00	Depth to cemented pan	1.00
		Depth to hard bedrock	0.35	Too clayey	0.76	Droughty	0.48
				Cutbanks cave	0.10	Depth to bedrock	0.35
Dranket	20	Very Limited		Very Limited		Somewhat Limited	
		Shrink-swell	1.00	Cutbanks cave	1.00	Content of large stones	0.97
		Frost action	0.64	Depth to hard bedrock	1.00	Depth to cemented pan	0.84
		Depth to hard bedrock	0.50	Depth to thin cement pan	0.84	Depth to bedrock	0.65
				Too clayey	0.68	Gravel content	0.20
						Droughty	0.03
320A:		÷	•	·			•
Pankeybasin	85	Very Limited		Very Limited		Somewhat Limited	
•		Shrink-swell	1.00	Too clayey	1.00	Depth to cemented pan	0.95
		Frost action	0.50	Cutbanks cave	0.10	Droughty	0.15
330B:				·			
Casebeer	35	Very Limited		Very Limited		Very Limited	
		Shrink-swell	1.00	Depth to hard bedrock	1.00	Depth to cemented pan	1.00
		Frost action	0.50	Too clayey	0.68	Content of large stones	1.00
		Depth to hard bedrock	0.46	Cutbanks cave	0.10	Droughty	0.99
						Depth to bedrock	0.46
						Gravel content	0.01
Norcross	30	Very Limited		Very Limited		Very Limited	
		Shrink-swell	1.00	Depth to hard bedrock	1.00	Content of large stones	1.00
		Frost action	0.50	Depth to thin cement pan	1.00	Depth to cemented pan	1.00
		Depth to hard bedrock	0.35	Too clayey	0.76	Droughty	0.48
				Cutbanks cave	0.10	Depth to bedrock	0.35
Dranket	20	Very Limited		Very Limited		Very Limited	
		Shrink-swell	1.00	Cutbanks cave	1.00	Content of large stones	1.00
	1	Depth to hard bedrock	0.64	Depth to hard bedrock	1.00	Depth to cemented pan	0.84
		Depui to natu bedrock	0.04	Depth to hard bedrock	1.00	Depth to comented pan	
		Frost action	0.50	Depth to thin cement pan	0.84	Depth to bedrock	0.65

Map Symbol	% of	Local Roads and Streets	Shallow Excavations		Lawns and Landscaping		
and Soil Name	Map	Rating Class and	Value	Rating Class and	Value	Rating Class and	Value
	Unit	Limiting Features	value	Limiting Features	value	Limiting Features	value
331B:		1		1			
Norcross	45	Very Limited		Very Limited		Very Limited	
		Shrink-swell	1.00	Depth to hard bedrock	1.00	Content of large stones	1.00
		Frost action	0.50	Depth to thin cement pan	1.00	Depth to cemented pan	1.00
		Depth to hard bedrock	0.35	Too clayey	0.76	Droughty	0.48
				Cutbanks cave	0.10	Depth to bedrock	0.35
Dranket	30	Very Limited	1.00	Very Limited	1.00	Somewhat Limited	0.05
		Shrink-swell	1.00	Cutbanks cave	1.00	Content of large stones	0.97
		Depth to hard bedrock	0.64	Depth to hard bedrock	1.00	Depth to cemented pan	0.84
		Frost action	0.50	Depth to thin cement pan	0.84	Depth to bedrock	0.65
	-			Too clayey	0.68	Gravel content	0.20
0 1	1.5	<b>X7 T 1</b>		<b>X7 T 1</b>		Droughty	0.03
Casebeer	15	Very Limited	1.00	Very Limited	1.00	Very Limited	1.00
		Shrink-swell	1.00	Depth to hard bedrock	1.00	Depth to cemented pan	1.00
		Frost action	0.50	Too clayey	0.68	Content of large stones	1.00
		Depth to hard bedrock	0.46	Cutbanks cave	0.10	Droughty	0.99
						Depth to bedrock	0.46
225D.		1				Gravel content	0.01
335B: Norcross, wooded	55	Very Limited	1	Very Limited		Very Limited	
Norcross, wooded		Shrink-swell	1.00	Depth to hard bedrock	1.00	Content of large stones	1.00
		Frost action	0.50	Depth to thin cement pan	1.00	Depth to cemented pan	1.00
		Depth to hard bedrock	0.30	Too clayey	0.76	Droughty	0.48
		Depth to hard bedrock	0.55	Cutbanks cave	0.10	Depth to bedrock	0.48
Casebeer	30	Very Limited		Very Limited	0.10	Very Limited	0.55
Casebeel	- 50	Shrink-swell	1.00	Depth to hard bedrock	1.00	Content of large stones	1.00
		Frost action	0.50	Too clayey	0.68	Depth to cemented pan	1.00
		Depth to hard bedrock	0.30	Cutbanks cave	0.08	Droughty	1.00
		Depth to hard bedrock	0.40	Cutbaliks cave	0.10	Depth to bedrock	0.46
						Gravel Content	0.40
340A:						Ofaver Content	0.08
Norcross	45	Very Limited		Very Limited		Very Limited	
10101033	-т.	Shrink-swell	1.00	Depth to hard bedrock	1.00	Content of large stones	1.00
		Frost action	0.50	Depth to thin cement pan	1.00	Depth to cemented pan	1.00
		Depth to hard bedrock	0.35	Too clayey	0.76	Droughty	0.48
			0.00	Cutbanks cave	0.10	Depth to bedrock	0.35
Casebeer	40	Very Limited		Very Limited	0110	Very Limited	0.00
Cusebeer	10	Shrink-swell	1.00	Depth to hard bedrock	1.00	Depth to cemented pan	1.00
		Frost action	0.50	Too clayey	0.68	Content of large stones	1.00
		Depth to hard bedrock	0.46	Cutbanks cave	0.10	Droughty	0.99
					0.20	Depth to bedrock	0.46
						Gravel Content	0.01
342A:	1	1					0101
Casebeer	85	Very Limited		Very Limited		Very Limited	
	1	Shrink-swell	1.00	Depth to hard bedrock	1.00	Content of large stones	1.00
	1	Frost action	0.50	Too clayey	0.68	Depth to cemented pan	1.00
	1	Depth to hard bedrock	0.46	Cutbanks cave	0.10	Droughty	0.99
		T				Depth to bedrock	0.46
343A:	1	1	1	1	1		0.10
Jennett	85	Very limited		Very limited		Very limited	
	0.5	Ponding	1.00	Ponding	1.00	Ponding	1.00
		Shrink-swell	1.00	Depth to saturated zone	1.00	Depth to cemented pan	1.00
		Depth to saturated zone	0.94	Too clayey	0.12	Depth to saturated zone	0.94
		Frost action	0.50	Cutbanks cave	0.12	Droughty	0.02
344A:	1		0.00		0.10	=======	0.02
Norcross, ponded	40	Very Limited		Very Limited		Very Limited	
, ponded		Shrink-swell	1.00	Depth to hard bedrock	1.00	Content of large stones	1.00
		Frost action	0.50	Depth to thin cement pan	1.00	Depth to cemented pan	1.00
		Depth to hard bedrock	0.35	Too clayey	0.76	Droughty	0.48
	+	Tr		Cutbanks cave	0.10	Depth to bedrock	0.35

Map Symbol	% of	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	5
and Soil Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Boulder Lake	35	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Frost action	1.00	Cutbanks cave	1.00		
		Shrink-swell	1.00	Too clayey	0.50		
Jennett	15	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Shrink-swell	1.00	Depth to saturated zone	1.00	Depth to cemented pan	1.00
		Depth to saturated zone	0.94	Too clayey	0.12	Depth to saturated zone	0.94
		Frost action	0.50	Cutbanks cave	0.10	Droughty	0.02
345A:			1		-		
Casebeer	70	Very Limited		Very Limited		Very Limited	
		Shrink-swell	1.00	Depth to hard bedrock	1.00	Content of large stones	1.00
		Frost action	0.50	Too clayey	0.68	Depth to cemented pan	1.00
		Depth to hard bedrock	0.46	Cutbanks cave	0.10	Droughty	0.99
						Depth to bedrock	0.46
Pankeybasin, stony	15	Very Limited	1.07	Very Limited	1.07	Very Limited	
		Shrink-swell	1.00	Too clayey	1.00	Content of large stones	1.00
		Frost action	0.50	Cutbanks cave	0.10	Depth to cemented pan	0.95
						Droughty	0.17
350B:	1.47	T	1	<b>TTTTTTTTTTTTT</b>	1	<b>TT T T T T T T T T </b>	1
Woolencanyon	45	Very Limited	1.00	Very Limited	1.00	Very Limited	1.00
		Depth to hard bedrock	1.00	Depth to hard bedrock	1.00	Depth to cemented pan	1.00
		Frost action	0.50	Too clayey	0.88	Content of large stones	1.00
				Cutbanks cave	0.10	Droughty	1.00
NT . 1 1		<b>.</b>				Depth to bedrock	1.00
Notchcorral	25	Very Limited	1.00	Very Limited	1.00	Very Limited	1.00
		Shrink-swell	1.00	Too clayey	1.00	Content of large stones	1.00
		Frost action	0.50	Depth to thin cement pan	0.97	Depth to cemented pan	0.97
				Depth to hard bedrock	0.42	Droughty	0.23
117	20	<b>X7 X</b> <sup>4</sup> <b>4</b> 1		Cutbanks cave	0.10	X7 X 1	
Wonser	20	Very Limited	1.00	Very Limited	1.00	Very Limited	1.00
		Shrink-swell	1.00	Depth to hard bedrock	1.00	Content of large stones	1.00
		Depth to hard bedrock	1.00	Too clayey	0.88	Droughty	1.00
		Frost action	0.50	Cutbanks cave	0.10	Depth to cemented pan	1.00
2(00		Content of large stones	0.03	Content of large stones	0.03	Depth to bedrock	1.00
360B: Devaul	45	Very Limited	1	Somewhat Limited		Somewhat Limited	1
Devaul	43	Shrink-swell	1.00	Cutbanks cave	0.10	Content of large stones	0.68
		Frost action	0.50	Content of large stones	0.10	Content of large stolles	0.00
		Content of large stones	0.00	Content of large stones	0.01		
Norcross, wooded	40	Very Limited	0.01	Very Limited	<u> </u>	Very Limited	
moreross, wooded	40	Shrink-swell	1.00	Depth to hard bedrock	1.00	Content of large stones	1.00
	+	Frost action	0.50	Depth to thin cement pan	1.00	Depth to cemented pan	1.00
		Depth to hard bedrock	0.30	Too clayey	0.76	Depth to cemented pan Droughty	0.48
			0.55	Cutbanks cave	0.10	Depth to bedrock	0.48
362B:	1	1	1	Cutoanks cave	0.10	Depui to bearber	0.55
Casebeer	30	Very Limited		Very Limited		Very Limited	
	50	Shrink-swell	1.00	Depth to hard bedrock	1.00	Content of large stones	1.00
	1	Frost action	0.50	Too clayey	0.68	Depth to cemented pan	1.00
		Depth to hard bedrock	0.30	Cutbanks cave	0.10	Droughty	1.00
	-		0.70		0.10	Depth to bedrock	0.46
	+					Gravel content	0.40
Devaul	30	Very Limited		Somewhat Limited		Somewhat Limited	0.00
Devaui	50	Shrink-swell	1.00	Cutbanks cave	0.10	Content of large stones	0.68
	+	Frost action	0.50	Content of large stones	0.10	Content of large stolles	0.08
	I	Content of large stones	0.01	Content of large stolles	0.01		<b> </b>

Map Symbol	% of	Local Roads and Streets	5	Shallow Excavations		Lawns and Landscaping	3
and Soil Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Norcross, wooded	25	Very Limited		Very Limited		Very Limited	
Toreross, wooded	25	Shrink-swell	1.00	Depth to hard bedrock	1.00	Content of large stones	1.00
		Frost action	0.50	Depth to thin cement pan	1.00	Depth to cemented pan	1.00
		Depth to hard bedrock	0.35	Too clayey	0.76	Droughty	0.48
			0.00	Cutbanks cave	0.10	Depth to bedrock	0.35
370B:						1 1 1 1 1 1 1 1 1 1	
Widmer	60	Somewhat Limited		Somewhat Limited		Somewhat Limited	
		Frost action	0.50	Depth to hard bedrock	0.99	Content of large stones	0.68
		Shrink-swell	0.22	Too clayey	0.50	Depth to bedrock	0.35
				Depth to soft bedrock	0.35	Droughty	0.01
				Cutbanks cave	0.10		
Lorella	25	Very Limited		Very Limited		Very Limited	
		Shrink-swell	1.00	Depth to hard bedrock	1.00	Droughty	1.00
		Depth to hard bedrock	1.00	Too clayey	0.12	Depth to bedrock	1.00
		Frost action	0.50	Cutbanks cave	0.10	Content of large stones	0.03
		Content of large stones	0.05	Content of large stones	0.05		
380C:		1	1	1	1	1	
Menbo, cool	40	Very Limited		Very Limited		Very Limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Depth to hard bedrock	1.00	Content of large stones	1.00
		Depth to hard bedrock	0.64	Content of large stones	0.40	Droughty	0.87
		Frost action	0.50	Too clayey	0.12	Depth to bedrock	0.65
		Content of large stones	0.40	Cutbanks cave	0.10		
Drakce	30	Very Limited	1.00	Very Limited	1.00	Very Limited	1.00
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Depth to hard bedrock	0.88	Content of large stones	1.00
		Content of large stones	0.70	Content of large stones	0.70		
		Frost action	0.50	Too clayey	0.32 0.10		
Deals Outerer	20	Not Rated		Cutbanks cave Not Rated	0.10	Not Rated	
Rock Outcrop 390A:	20	Not Kaled		Not Kaleu		Not Kaled	
Teeltruc	85	Somewhat Limited		Somewhat Limited		Somewhat Limited	
Teeluue	0.5	Frost action	0.50	Depth to thick cement pan	0.32	Content of large stones	0.01
			0.50	Cutbanks cave	0.10	Content of large stones	0.01
392B:				Cutoanks cave	0.10		
Teeltruc	65	Somewhat Limited		Somewhat Limited		Somewhat Limited	
		Frost action	0.50	Depth to thick cement pan	0.32	Content of large stones	0.01
				Cutbanks cave	0.10	<u> </u>	
Schnipps, moist	20	Very Limited		Somewhat Limited		Very Limited	
		Shrink-swell	1.00	Slope	0.16	Content of large stones	1.00
		Frost action	0.50	Cutbanks cave	0.10	Slope	0.16
		Slope	0.16	Too clayey	0.02		
400C:							
Schnipps	85	Very Limited		Somewhat Limited		Very Limited	
		Shrink-swell	1.00	Slope	0.16	Content of large stones	1.00
		Frost action	0.50	Cutbanks cave	0.10	Slope	0.16
		Slope	0.16	Too clayey	0.02		
402C:							
Devaul	60	Very Limited		Somewhat Limited		Somewhat Limited	
		Shrink-swell	1.00	Slope	0.16	Content of large stones	0.68
		Frost action	0.50	Cutbanks cave	0.10	Slope	0.16
		Slope	0.16	Content of large stones	0.01		
		Content of large stones	0.01				
Schnipps	30	Very Limited		Somewhat Limited		Very Limited	
		Shrink-swell	1.00	Slope	1.00	Slope	1.00
		Slope	1.00	Cutbanks cave	0.10	Content of large stones	0.92
	1	Frost action	0.50	Too clayey	0.02		1

Map Symbol	% of			Shallow Excavations		Lawns and Landscaping		
and Soil Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	
410D:								
Drakce	65	Very Limited		Very Limited		Very Limited		
		Slope	1.00	Slope	1.00	Slope	1.00	
		Shrink-swell	1.00	Depth to hard bedrock	0.88	Content of large stones	1.00	
		Content of large stones	0.70	Content of large stones	0.70			
		Frost action	0.50	Too clayey	0.32			
				Cutbanks cave	0.10			
Rock Outcrop	20	Not Rated		Not Rated		Not Rated		
500C:	1	1		1	1	1	1	
Mound	40	Very Limited		Very Limited		Very Limited		
		Shrink-swell	1.00	Slope	1.00	Slope	1.00	
		Slope	1.00	Content of large stones	0.20	Content of large stones	1.00	
		Frost action	0.50	Cutbanks cave	0.10			
		Content of large stones	0.20	Depth to hard bedrock	0.05			
				Too clayey	0.03			
Royst	30	Very Limited		Very Limited		Very Limited		
		Shrink-swell	1.00	Slope	1.00	Slope	1.00	
		Slope	1.00	Depth to hard bedrock	0.84	Content of large stones	0.92	
		Frost action	0.50	Content of large stones	0.14	Depth to bedrock	0.0	
		Content of large stones	0.20	Cutbanks cave	0.10			
				Too clayey	0.02			
Rock Outcrop	15	Not Rated		Not Rated		Not Rated		
505D:								
Menbo	40	Very Limited		Very Limited		Very Limited		
		Slope	1.00	Slope	1.00	Slope	1.00	
		Shrink-swell	1.00	Depth to hard bedrock	1.00	Content of large stones	1.00	
		Depth to hard bedrock	0.64	Content of large stones	0.40	Droughty	0.8	
		Frost action	0.50	Too clayey	0.12	Depth to bedrock	0.65	
		Content of large stones	0.40	Cutbanks cave	0.10			
Drakce	25	Very Limited		Very Limited		Very Limited		
		Slope	1.00	Slope	1.00	Slope	1.00	
		Shrink-swell	1.00	Depth to hard bedrock	0.88	Content of large stones	1.00	
		Content of large stones	0.70	Content of large stones	0.70	<u> </u>		
		Frost action	0.50	Too clayey	0.32			
				Cutbanks cave	0.10			
Rock Outcrop	20	Not Rated		Not Rated		Not Rated		
510B:						•		
Schnipps, moist	45	Very Limited		Somewhat Limited		Somewhat Limited		
11 /		Shrink-swell	1.00	Cutbanks cave	0.10	Content of large stones	0.92	
		Frost action	0.50	Too clayey	0.02			
Norcross, wooded	40	Very Limited		Very Limited		Very Limited		
		Shrink-swell	1.00	Depth to hard bedrock	1.00	Content of large stones	1.00	
		Frost action	0.50	Depth to thin cement pan	1.00	Depth to cemented pan	1.00	
	1	Depth to hard bedrock	0.35	Too clayey	0.76	Droughty	0.48	
				Cutbanks cave	0.10	Depth to bedrock	0.35	
515B:		ı	•	1				
Bumpheads, moist	35	Very Limited		Very Limited		Very Limited		
		Shrink-swell	1.00	Depth to hard bedrock	1.00	Content of large stones	1.00	
	1	Frost action	0.50	Depth to soft bedrock	0.15	Depth to bedrock	0.10	
	1	Content of large stones	0.01	Too clayey	0.12	1	1	
		Depth to hard bedrock	0.01	Cutbanks cave	0.10		1	
		IT III III III U OUROOR		Content of large stones	0.01			
Mound	30	Very Limited	1	Somewhat Limited	5.51	Very Limited	+	
		Shrink-swell	1.00	Content of large stones	0.20	Content of large stones	1.00	
	1	Frost action	0.50	Cutbanks cave	0.10	content of large stolles	1.00	
	1						+	
		Content of large stones	0.20	Depth to hard bedrock	0.05			

Map Symbol	% of	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	3
and Soil Name	Мар	Rating Class and	Value	Rating Class and	Value	Rating Class and	Value
	Unit	Limiting Features	value	Limiting Features	value	Limiting Features	value
Norcross, wooded	25	Very Limited		Very Limited		Very Limited	
		Shrink-swell	1.00	Depth to hard bedrock	1.00	Content of large stones	1.00
		Frost action	0.50	Depth to thin cement pan	1.00	Depth to cemented pan	1.00
		Depth to hard bedrock	0.35	Too clayey	0.76	Droughty	0.48
				Cutbanks cave	0.10	Depth to bedrock	0.35
517B:					-		
Bumpheads	40	Very Limited		Very Limited		Very Limited	
		Shrink-swell	1.00	Depth to hard bedrock	1.00	Content of large stones	1.00
		Frost action	0.50	Depth to soft bedrock	0.15	Depth to bedrock	0.16
		Content of large stones	0.01	Too clayey	0.12		
		Depth to hard bedrock	0.01	Cutbanks cave	0.10		
				Content of large stones	0.01		
Mound	30	Very Limited		Somewhat Limited		Very Limited	
		Shrink-swell	1.00	Content of large stones	0.20	Content of large stones	1.00
		Frost action	0.50	Cutbanks cave	0.10		
		Content of large stones	0.20	Depth to hard bedrock	0.05		
				Too clayey	0.03		
Norcross, wooded	20	Very Limited		Very Limited		Very Limited	
		Shrink-swell	1.00	Depth to hard bedrock	1.00	Content of large stones	1.00
		Frost action	0.50	Depth to thin cement pan	1.00	Depth to cemented pan	1.00
	İ	Depth to hard bedrock	0.35	Too clayey	0.76	Droughty	0.48
				Cutbanks cave	0.10	Depth to bedrock	0.35
520B:				1			
Mound	45	Very Limited		Somewhat Limited		Very Limited	
hiounu		Shrink-swell	1.00	Content of large stones	0.20	Content of large stones	1.00
		Frost action	0.50	Slope	0.16	Slope	0.16
		Content of large stones	0.20	Cutbanks cave	0.10	all the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s	0.00
		Slope	0.16	Depth to hard bedrock	0.05		
			0.10	Too clayey	0.03		
Benhall	40	Somewhat Limited		Very Limited	0.02	Somewhat Limited	
	10	Shrink-swell	0.78	Cutbanks cave	1.00	Content of large stones	0.68
		Frost action	0.50	Slope	0.16	Slope	0.16
		Slope	0.16	Depth to soft bedrock	0.01	Depth to bedrock	0.01
525C:		blope	0.10	Depth to soft bedrock	0.01	Depth to bedrock	0.01
Mound	85	Very Limited		Very Limited		Very Limited	
Mound	05	Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Content of large stones	0.20	Content of large stones	1.00
		Frost action	0.50	Cutbanks cave	0.10	Content of large stones	1.00
		Content of large stones	0.20	Depth to hard bedrock	0.05		
			0.20	Too clayey	0.03		
530B:			l	Too elayey	0.05	I	I
Benhall, moist	45	Somewhat Limited		Very Limited		Somewhat Limited	
Dennan, moist	-+	Shrink-swell	0.78	Cutbanks cave	1.00	Content of large stones	0.68
		Shink Swon	0.70			Depth to bedrock	0.08
		Frost action	0.50	Depth to soft hedrock	0.01		
Mound moist	40	Frost action Very Limited	0.50	Depth to soft bedrock Somewhat Limited	0.01		0.01
Mound, moist	40	Very Limited		Somewhat Limited		Very Limited	
Mound, moist	40	Very Limited Shrink-swell	1.00	Somewhat Limited Content of large stones	0.20		
Mound, moist	40	Very Limited Shrink-swell Frost action	1.00 0.50	Somewhat Limited Content of large stones Cutbanks cave	0.20 0.10	Very Limited	
Mound, moist	40	Very Limited Shrink-swell	1.00	Somewhat Limited Content of large stones Cutbanks cave Depth to hard bedrock	0.20 0.10 0.05	Very Limited	
	40	Very Limited Shrink-swell Frost action	1.00 0.50	Somewhat Limited Content of large stones Cutbanks cave	0.20 0.10	Very Limited	
532B:		Very Limited Shrink-swell Frost action Content of large stones	1.00 0.50	Somewhat Limited Content of large stones Cutbanks cave Depth to hard bedrock Too clayey	0.20 0.10 0.05	Very Limited Content of large stones	
	40	Very Limited Shrink-swell Frost action Content of large stones Very Limited	1.00 0.50 0.20	Somewhat Limited Content of large stones Cutbanks cave Depth to hard bedrock Too clayey Very Limited	0.20 0.10 0.05 0.03	Very Limited Content of large stones Somewhat Limited	1.00
532B:		Very Limited Shrink-swell Frost action Content of large stones Very Limited Shrink-swell	1.00 0.50 0.20	Somewhat Limited Content of large stones Cutbanks cave Depth to hard bedrock Too clayey Very Limited Cutbanks cave	0.20 0.10 0.05 0.03	Very Limited Content of large stones	1.00
532B:		Very Limited Shrink-swell Frost action Content of large stones Very Limited	1.00 0.50 0.20	Somewhat Limited Content of large stones Cutbanks cave Depth to hard bedrock Too clayey Very Limited Cutbanks cave Too clayey	0.20 0.10 0.05 0.03 1.00 0.12	Very Limited Content of large stones Somewhat Limited	1.00
<b>532B:</b> Tallboy		Very Limited Shrink-swell Frost action Content of large stones Very Limited Shrink-swell	1.00 0.50 0.20	Somewhat Limited Content of large stones Cutbanks cave Depth to hard bedrock Too clayey Very Limited Cutbanks cave	0.20 0.10 0.05 0.03	Very Limited Content of large stones Somewhat Limited	1.00
<b>532B:</b> Tallboy <b>533C:</b>	85	Very Limited Shrink-swell Frost action Content of large stones Very Limited Shrink-swell Frost action	1.00 0.50 0.20	Somewhat Limited Content of large stones Cutbanks cave Depth to hard bedrock Too clayey Very Limited Cutbanks cave Too clayey Depth to hard bedrock	0.20 0.10 0.05 0.03 1.00 0.12	Very Limited Content of large stones Somewhat Limited Content of large stones	0.68
<b>532B:</b> Tallboy		Very Limited Shrink-swell Frost action Content of large stones Very Limited Shrink-swell Frost action Very Limited	1.00 0.50 0.20 1.00 0.50	Somewhat Limited Content of large stones Cutbanks cave Depth to hard bedrock Too clayey Very Limited Cutbanks cave Too clayey Depth to hard bedrock Very Limited	0.20 0.10 0.05 0.03 1.00 0.12 0.05	Very Limited Content of large stones Somewhat Limited Content of large stones Very Limited	0.68
<b>532B:</b> Tallboy <b>533C:</b>	85	Very Limited Shrink-swell Frost action Content of large stones Very Limited Shrink-swell Frost action	1.00 0.50 0.20	Somewhat Limited Content of large stones Cutbanks cave Depth to hard bedrock Too clayey Very Limited Cutbanks cave Too clayey Depth to hard bedrock	0.20 0.10 0.05 0.03 1.00 0.12	Very Limited Content of large stones Somewhat Limited Content of large stones	1.00

Map Symbol	% of	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
Map Symbol and Soil Name	Map Unit	Rating Class and Value		Rating Class and	Value	Rating Class and Vol	
		Limiting Features	value	Limiting Features	value	Limiting Features	v aluc
Mound, moist	40	Very Limited		Very Limited		Very Limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Content of large stones	0.20	Content of large stones	1.00
		Frost action	0.50	Cutbanks cave	0.10		
		Content of large stones	0.20	Depth to hard bedrock	0.05		
				Too clayey	0.03		
540C:			1				
Schnipps, moist	60	Very Limited		Very Limited		Very Limited	
		Shrink-swell	1.00	Slope	1.00	Slope	1.00
		Slope	1.00	Cutbanks cave	0.10	Content of large stones	0.92
		Frost action	0.50	Too clayey	0.02		
Mound	25	Very Limited	1.00	Somewhat Limited		Very Limited	1.00
		Shrink-swell	1.00	Content of large stones	0.20	Content of large stones	1.00
		Frost action	0.50	Slope	0.16	Slope	0.16
		Content of large stones	0.20	Cutbanks cave	0.10		
		Slope	0.16	Depth to hard bedrock	0.05		
540D	1			Too clayey	0.03		
542B:	4.7	<b>X7 T''</b>	1	<b>X7 T 1</b> 1	r	0 1	
Grohs	45	Very Limited	1.00	Very Limited	1.00	Somewhat Limited	0.07
	-	Shrink-swell	1.00	Cutbanks cave	1.00	Depth to bedrock	0.95
	_	Depth to hard bedrock	0.84	Depth to hard bedrock	1.00	Content of large stones	0.68
	_	Frost action	0.50	Depth to soft bedrock	0.95	Droughty	0.41
0 1 4	40	<b>X7 T 1</b>		Too clayey Somewhat Limited	0.24		
Carrbutte	40	Very Limited	1.00		0.22	Somewhat Limited	0.69
		Shrink-swell Frost action	1.00	Too clayey	0.32	Content of large stones	0.68
			0.50 0.20	Content of large stones Slope	0.25 0.16	Slope	0.16
		Content of large stones Slope	0.20	Cutbanks cave	0.10		
		Stope	0.10	Depth to hard bedrock	0.10		
543B:				Deput to hard bedrock	0.02		
Carrbutte	85	Very Limited		Somewhat Limited		Somewhat Limited	
Carlbutte	65	Shrink-swell	1.00	Too clayey	0.32	Content of large stones	0.68
		Frost action	0.50	Content of large stones	0.32	Content of large stones	0.08
		Content of large stones	0.30	Cutbanks cave	0.23		
		Content of large stones	0.20	Depth to hard bedrock	0.02		
550C:				Depth to hard bedrock	0.02		
Menbo	85	Very Limited		Very Limited		Very Limited	
Menoo	0.5	Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Depth to hard bedrock	1.00	Content of large stones	1.00
		Depth to hard bedrock	0.64	Content of large stones	0.40	Droughty	0.87
		Frost action	0.50	Too clayey	0.12	Depth to bedrock	0.65
		Content of large stones	0.40	Cutbanks cave	0.10		0.05
560C:		Content of hige stones	0.10	Cutounity ouve	0.10		
Drakce	45	Very Limited		Very Limited		Very Limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	1.00	Depth to hard bedrock	0.88	Content of large stones	1.00
		Content of large stones	0.70	Content of large stones	0.70	s stones	1.00
		Frost action	0.50	Too clayey	0.32		
			5.00	Cutbanks cave	0.10		
Dranket	40	Very Limited		Very Limited	5.10	Somewhat Limited	
		Shrink-swell	1.00	Cutbanks cave	1.00	Content of large stones	1.00
		Depth to hard bedrock	0.64	Depth to hard bedrock	1.00	Depth to cemented pan	0.84
		Frost action	0.50	Depth to thin cement pan	0.84	Depth to bedrock	0.65
			5.00	Too clayey	0.68	Droughty	0.02
600A:	1	1	1		2.00		5.02
Boulder Lake	55	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
	1	Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Frost action	1.00	Cutbanks cave	1.00		1.00
			1.00		1.00	1	

Map Symbol	% of	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	5
and Soil Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
600A:				8		8	
Hippyjim	35	Very limited		Very limited		Very limited	
1175		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Frost action	1.00	Cutbanks cave	1.00		
		Shrink-swell	1.00	Too clayey	1.00		
602A:							
Boulder Lake	85	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Frost action	1.00	Cutbanks cave	1.00		
		Shrink-swell	1.00	Too clayey	0.50		
605A:			•				
Boulder Lake	45	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Frost action	1.00	Cutbanks cave	1.00		
		Shrink-swell	1.00	Too clayey	0.50		
Cressler	40	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Frost action	1.00	Depth to saturated zone	1.00	Depth to saturated zone	0.75
		Shrink-swell	1.00	Too clayey	0.12		
		Low strength	1.00	Cutbanks cave	0.10		
		Depth to saturated zone	0.75				
610A:							
Hippyjim	85	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Frost action	1.00	Cutbanks cave	1.00		
		Shrink-swell	1.00	Too clayey	1.00		
615A:							
Olene	45	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Frost action	1.00	Cutbanks cave	1.00	Too clayey	1.00
		Shrink-swell	1.00	Too clayey	0.88	Content of large stones	0.01
Boulderlake	40	Very limited		Very limited		Very limited	
		Ponding	1.00	Ponding	1.00	Ponding	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00	Depth to saturated zone	1.00
		Frost action	1.00	Cutbanks cave	1.00		
		Shrink-swell	1.00	Too clayey	0.50		

## Table 6. – BUILDING SITE DEVELOPMENT (continued)

### **Table 7.—SANITARY FACILITIES**

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

Map Symbol	% of	Septic tank and absorption fields		Sewage Lagoons	
and Soil Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
300A:					
Norcross	85	Very Limited		Very Limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
				Slope	0.33
310A:					
Norcross,wooded	50	Very Limited		Very Limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
				Slope	0.33
Dranket	20	Very Limited		Very Limited	
		Restricted permeability	1.00	Depth to cemented pan	1.00
		Depth to cemented pan	1.00	Depth to hard bedrock	1.00
		Depth to bedrock	1.00	Slope	0.33
Norcross	15	Very Limited		Very Limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
				Slope	0.33
312A:					
Norcross, wooded	65	Very Limited		Very Limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
				Slope	0.33
Dranket	20	Very Limited		Very Limited	
		Restricted permeability	1.00	Depth to cemented pan	1.00
		Depth to cemented pan	1.00	Depth to hard bedrock	1.00
		Depth to bedrock	1.00	Slope	0.33
320A:	1			1	
Pankeybasin	85	Very Limited		Very Limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
330B:	1			1	
Casebeer	35	Very Limited		Very Limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
				Slope	0.09
Norcross	30	Very Limited		Very Limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
				Slope	0.09
Dranket	20	Very Limited		Very Limited	
		Restricted permeability	1.00	Depth to cemented pan	1.00
		Depth to cemented pan	1.00	Depth to hard bedrock	1.00
		Depth to bedrock	1.00	Slope	0.09
331B:			1		
Norcross	45	Very Limited		Very Limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
			ļ	Slope	0.09
Dranket	30	Very Limited	<u> </u>	Very Limited	
		Restricted permeability	1.00	Depth to cemented pan	1.00
		Depth to cemented pan	1.00	Depth to hard bedrock	1.00
		Depth to bedrock	1.00	Slope	0.09
Casebeer	15	Very Limited		Very Limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Content of large stones	0.08	Content of large stones	0.08

Man Combal	% of	Septic tank and absorption	on fields	Sewage Lagoons	
Map Symbol and Soil Name	Мар	Rating Class and		Rating Class and	<b>X</b> 7 - F
and Son Name	Unit	Limiting Features	Value	Limiting Features	Value
335B:				· • • •	•
Norcross, wooded	55	Very Limited		Very Limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		•		Slope	0.33
Casebeer	30	Very Limited		Very Limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		T		Slope	0.09
340A:			1		,
Norcross	45	Very Limited		Very Limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
			1.00	Slope	0.01
Casebeer	40	Very Limited		Very Limited	0.01
24500001		Depth to cemented pan	1.00	Depth to cemented pan	1.00
	<u> </u>	Depth to bedrock	1.00	Depth to hard bedrock	1.00
			1.00	Slope	0.01
342A:	1			Stope	0.01
Casebeer	85	Very Limited		Very Limited	
Casebeel	05	Depth to cemented pan	1.00	Depth to cemented pan	1.00
	-	Depth to bedrock	1.00	Depth to hard bedrock	
		Depth to bedrock	1.00	1	1.00
2424				Slope	0.01
343A:	05	Vom Linsted		Mana Lingita d	
Jennett	85	Very Limited	1.00	Very Limited	1.00
		Ponding	1.00	Ponding	1.00
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
~		Depth to saturated zone	1.00	Depth to saturated zone	1.00
344A:	10	T		I	
Norcross, ponded	40	Very Limited		Very Limited	
		Ponding	1.00	Ponding	1.00
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
Boulder Lake	35	Very Limited		Very Limited	
		Restricted permeability	1.00	Ponding	1.00
		Ponding	1.00	Depth to saturated zone	1.00
		Depth to saturated zone	1.00		
Jennett	15	Very Limited		Very Limited	
		Ponding	1.00	Ponding	1.00
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to saturated zone	1.00	Depth to saturated zone	1.00
345A:					
Casebeer	70	Very Limited		Very Limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		1		Slope	0.01
Pankeybasin, stony	15	Very Limited		Very Limited	
, , , J	-	Depth to cemented pan	1.00	Depth to cemented pan	1.00
	1	r		Slope	0.01
350B:	۰ <u> </u>	u		- <u>p</u> -	5.01
Woolencanyon	45	Very Limited		Very Limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
	ł	Depth to cemented pan	1.00	Depth to cemented pan	1.00
			1.00	Slope	0.33
Notchcorral	25	Very Limited		Very Limited	0.55
1.0teneonai	23	Depth to cemented pan	1.00	Depth to cemented pan	1.00
	ł	Depth to bedrock	0.78	Depth to hard bedrock	0.42
	ł		0.78		
	1			Slope	0.33

	% of	Septic tank and absorption	,	Sewage Lagoons		
Map Symbol	Мар	Rating Class and		Rating Class and	<b>T</b> 7 <b>1</b>	
and Soil Name	Unit	Limiting Features	Value	Limiting Features	Value	
Wonser	20	Very Limited		Very Limited		
		Depth to bedrock	1.00	Depth to hard bedrock	1.00	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00	
		Content of large stones	0.03			
360B:						
Devaul	45	Very Limited		Somewhat Limited		
		Restricted permeability	1.00	Slope	0.91	
		Depth to bedrock	0.47	Depth to soft bedrock	0.05	
		Content of large stones	0.01	Content of large stones	0.01	
Norcross, wooded	40	Very Limited		Very Limited		
		Depth to cemented pan	1.00	Depth to cemented pan	1.00	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00	
				Slope	0.33	
362B:			- <u>r</u>			
Casebeer	30	Very Limited		Very Limited		
		Depth to cemented pan	1.00	Depth to cemented pan	1.00	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00	
D I	20	<b>X7 T 1</b>		Slope	0.09	
Devaul	30	Very Limited	1.00	Somewhat Limited	0.00	
		Restricted permeability	1.00	Slope	0.33	
		Depth to bedrock	0.47	Depth to soft bedrock	0.05	
Naussa succeded	25	Content of large stones	0.01	Content of large stones	0.01	
Norcross, wooded	25	Very Limited Depth to cemented pan	1.00	Very Limited Depth to cemented pan	1.00	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00	
		Deptil to bedrock	1.00	Slope	0.33	
370B:				Slope	0.33	
Widmer	60	Very Limited		Very Limited		
w lunci	00	Restricted permeability	1.00	Depth to soft bedrock	1.00	
		Depth to bedrock	1.00	Depth to hard bedrock	0.99	
			1.00	Slope	0.67	
Lorella	25	Very Limited		Very Limited	0.07	
Lorena	23	Depth to bedrock	1.00	Depth to hard bedrock	1.00	
		Content of large stones	0.05	Content of large stones	0.54	
			0.00	Slope	0.33	
380C:						
Menbo, cool	40	Very Limited		Very Limited		
*		Restricted permeability	1.00	Slope	1.00	
		Slope	1.00	Depth to hard bedrock	1.00	
		Depth to bedrock	1.00	Content of large stones	1.00	
		Content of large stones	0.40	Ŭ		
Drakce	30	Very Limited		Very Limited		
		Restricted permeability	1.00	Slope	1.00	
		Slope	1.00	Content of large stones	1.00	
		Depth to bedrock	0.96	Depth to hard bedrock	0.88	
		Content of large stones	0.70			
Rock Outcrop	20	Not rated		Not rated		
390A:		1				
Teeltruc	85	Somewhat Limited		Very Limited		
		Depth to cemented pan	0.73	Seepage	1.00	
		Depth to bedrock	0.22	Depth to cemented pan	0.32	
				Slope	0.09	
392B:				<b>.</b>		
Teeltruc	65	Somewhat Limited	0.55	Very Limited		
		Depth to cemented pan	0.73	Seepage	1.00	
		Depth to bedrock	0.22	Depth to cemented pan	0.32	
0.1		<b>X7 T 1</b>	_	Slope	0.09	
Schnipps, moist	20	Very Limited	1.00	Very Limited	1.00	
		Restricted permeability	1.00	Slope	1.00	
		Depth to bedrock	0.83	Depth to soft bedrock	0.54	
	1	Slope	0.16	Content of large stones	0.39	

	% of	Septic tank and absorption fields     Sewage Lagoons					
Map Symbol	Map	Rating Class and		Rating Class and			
and Soil Name	Unit	Limiting Features	Value	Limiting Features	Value		
400C:	Cint	Linning Features		Linning Features			
Schnipps	85	Very Limited		Very Limited			
Seninpps	0.5	Restricted permeability	1.00	Slope	1.00		
		Depth to bedrock	0.83	Depth to soft bedrock	0.54		
		Slope	0.16	Content of large stones	0.22		
402C:		Slope	0.10	Content of large stolles	0.22		
Devaul	60	Very Limited		Somewhat Limited			
Devaul	00	Restricted permeability	1.00	Slope	1.00		
		Depth to bedrock	0.47	Depth to soft bedrock	0.05		
		Slope	0.47	Content of large stones	0.03		
		Content of large stones	0.10	Content of large stones	0.01		
Schnipps	30	Very Limited	0.01	Very Limited			
Semipps		Restricted permeability	1.00	Slope	1.00		
		Slope	1.00	Depth to soft bedrock	0.54		
		Depth to bedrock	0.83	Content of large stones	0.34		
410D.		Depth to bedrock	0.85	Content of large stones	0.22		
410D: Drakce	65	Vary Limited		Vary Limited			
Diakce	65	Very Limited Restricted permeability	1.00	Very Limited	1.00		
				Slope	1.00		
		Slope Dopth to hadroals	1.00	Content of large stones	1.00		
		Depth to bedrock	0.96	Depth to hard bedrock	0.88		
D 104	20	Content of large stones	0.70	N ( D ( 1			
Rock Outcrop	20	Not Rated		Not Rated			
500C:	10	<b>X7 X 1</b>	T	<b>X7 X 1</b>			
Mound	40	Very Limited	1.00	Very Limited	1.00		
		Restricted permeability	1.00	Slope	1.00		
		Slope	1.00	Depth to soft bedrock	0.96		
		Depth to bedrock	0.99	Content of large stones	0.85		
		Content of large stones	0.20	Seepage	0.18		
				Depth to hard bedrock	0.05		
Royst	30	Very Limited		Very Limited			
		Restricted permeability	1.00	Slope	1.00		
		Depth to bedrock	1.00	Depth to soft bedrock	1.00		
		Slope	1.00	Depth to hard bedrock	0.84		
		Content of large stones	0.14	Content of large stones	0.61		
				Seepage	0.50		
Rock Outcrop	15	Not Rated		Not Rated			
505D:		1	-				
Menbo	40	Very Limited		Very Limited			
		Restricted permeability	1.00	Slope	1.00		
		Slope	1.00	Depth to hard bedrock	1.00		
		Depth to bedrock	1.00	Content of large stones	1.00		
		Content of large stones	0.40				
Drakce	25	Very Limited		Very Limited			
		Restricted permeability	1.00	Slope	1.00		
		Slope	1.00	Content of large stones	1.00		
		Depth to bedrock	0.96	Depth to hard bedrock	0.88		
		Content of large stones	0.70				
Rock Outcrop	20	Not Rated		Not Rated			
510B:		· · · · · · · · · · · · · · · · · · ·					
Schnipps, moist	45	Very Limited		Very Limited			
		Restricted permeability	1.00	Slope	1.00		
		Depth to bedrock	0.83	Depth to soft bedrock	0.54		
				Content of large stones	0.22		
Norcross, wooded	40	Very Limited		Very Limited			
		Depth to cemented pan	1.00	Depth to cemented pan	1.00		
		Depth to bedrock	1.00	Depth to hard bedrock	1.00		
		_	1	Slope	0.33		

Map Symbol	% of	1 1		Sewage Lagoons	
and Soil Name	Map	Rating Class and	Value	Rating Class and	Value
	Unit	Limiting Features		Limiting Features	, and
<u>515B:</u>	25	<b>X7 T' '</b> 1	- T	X7 T · · · 1	
Bumpheads, moist	35	Very Limited	1.00	Very Limited	1.00
	-	Restricted permeability	1.00	Depth to soft bedrock	1.00
		Depth to bedrock	0.47	Depth to hard bedrock	1.00
		Content of large stones	0.01	Content of large stones	0.50
				Slope	0.33
Mound	30	Very Limited		Somewhat Limited	
		Restricted permeability	1.00	Depth to soft bedrock	0.96
		Depth to bedrock	0.99	Content of large stones	0.85
		Content of large stones	0.20	Slope	0.33
				Seepage	0.18
				Depth to hard bedrock	0.05
Norcross, wooded	25	Very Limited		Very Limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
				Slope	0.33
517B:		1		r -	
Bumpheads	40	Very Limited		Very Limited	
r		Restricted permeability	1.00	Depth to soft bedrock	1.00
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Content of large stones	0.01	Content of large stones	0.50
		content of large stones	0.01	Slope	0.33
Mound	30	Very Limited		Somewhat Limited	0.55
Wioulia	- 50	Restricted permeability	1.00	Depth to soft bedrock	0.96
		Depth to bedrock		Content of large stones	
			0.99		0.85
		Content of large stones	0.20	Slope	0.33
				Seepage	0.18
				Depth to hard bedrock	0.05
Norcross, wooded	20	Very Limited		Very Limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
				Slope	0.33
520B:		1			
Mound	45	Very Limited		Very Limited	
		Restricted permeability	1.00	Slope	1.00
		Depth to bedrock	0.99	Depth to soft bedrock	0.96
		Content of large stones	0.20	Content of large stones	0.85
		Slope	0.16	Seepage	0.18
				Depth to hard bedrock	0.05
Benhall	40	Very Limited		Very Limited	
	1	Restricted permeability	1.00	Depth to soft bedrock	1.00
	1	Depth to bedrock	1.00	Slope	1.00
		Slope	0.16	Seepage	0.18
525C:	1	1 F	0.10	1	5.10
Mound	85	Very Limited		Very Limited	
	05	Restricted permeability	1.00	Slope	1.00
		Slope	1.00	Depth to soft bedrock	0.96
		Depth to bedrock	0.99	Content of large stones	0.96
	+	Content of large stones			
		Content of farge stones	0.20	Seepage Depth to hard bedrock	0.18
520D.				Deput to hard bedrock	0.05
530B:	45	Vom Linite J		Vom Linited	
Benhall, moist	45	Very Limited	1.00	Very Limited	1.00
		Restricted permeability	1.00	Depth to soft bedrock	1.00
	-	Depth to bedrock	1.00	Slope	0.91
				Seepage	0.18
Mound, moist	40	Very Limited		Somewhat Limited	
		Restricted permeability	1.00	Depth to soft bedrock	0.96
		Depth to bedrock	0.99	Slope	0.91
	- T	a	0.20	Content of large stones	0.02
		Content of large stones	0.20	Content of large stones	0.02
		Content of large stones	0.20	Seepage	0.18

Map Symbol	% of	Septic tank and absorption	on tields	Sewage Lagoons		
and Soil Name	Мар	<b>Rating Class and</b>	Value	Rating Class and	Value	
	Unit	Limiting Features	value	Limiting Features	value	
532B:		1				
Tallboy	85	Very Limited		Very Limited		
		Restricted permeability	1.00	Slope	1.00	
		Depth to bedrock	0.91	Depth to soft bedrock	0.77	
				Content of large stones	0.18	
				Depth to hard bedrock	0.05	
533C:				L		
Benhall, moist	45	Very Limited	1.00	Very Limited	1.00	
		Slope	1.00	Slope	1.00	
		Restricted permeability	1.00	Depth to soft bedrock	1.00	
	10	Depth to bedrock	0.99	Seepage	0.18	
Mound, moist	40	Very Limited	1.00	Very Limited	1.00	
		Restricted permeability	1.00	Slope	1.00	
		Slope	1.00	Depth to soft bedrock	0.96	
		Depth to bedrock	0.99	Content of large stones	0.85	
				Seepage	0.18	
540.0				Depth to hard bedrock	0.05	
540C:	60	<b>.</b>		··· · ·		
Schnipps, moist	60	Very Limited	1.00	Very Limited	1.00	
		Restricted permeability	1.00	Slope	1.00	
		Slope	1.00	Depth to soft bedrock	0.54	
M 1	25	Depth to bedrock	0.83	Content of large stones	0.22	
Mound	25	Very Limited	1.00	Very Limited	1.00	
		Restricted permeability	1.00	Slope	1.00	
	-	Depth to bedrock	0.99	Depth to soft bedrock	0.96	
	-	Content of large stones	0.20	Content of large stones	0.85	
	-	Slope	0.16	Seepage	0.18	
540D				Depth to hard bedrock	0.05	
542B: Grohs	15	Marrie Line ideal		Marra Lingita d		
Grons	45	Very Limited Depth to bedrock	1.00	Very Limited Depth to soft bedrock	1.00	
		Deptil to bedrock	1.00	Depth to hard bedrock	1.00	
				Slope	1.00	
Carrbutte	40	Very Limited		Very Limited	1.00	
Carroutte	40	Restricted permeability	1.00	Slope	1.00	
		Depth to bedrock	1.00	Depth to soft bedrock	1.00	
		Content of large stones	0.25	Content of large stones	0.99	
		Slope	0.23	Depth to hard bedrock	0.93	
543B:		Slope	0.10	Depth to hard bedrock	0.02	
Carrbutte	85	Very Limited		Very Limited		
Callbutte	65	Restricted permeability	1.00	Slope	1.00	
		Depth to bedrock	1.00	Depth to soft bedrock	0.99	
		Content of large stones	0.25	Content of large stones	0.99	
		Content of large stones	0.23	Depth to hard bedrock	0.93	
550C:				Depth to hard bedrock	0.02	
Menbo	85	Very Limited		Very Limited		
	0.5	Restricted permeability	1.00	Slope	1.00	
		Slope	1.00	Depth to hard bedrock	1.00	
		Depth to bedrock	1.00	Content of large stones	1.00	
		Content of large stones	0.40	Content of faige stolles	1.00	
560C:		Content of large stones	0.40			
Drakce	45	Very Limited		Very Limited		
DIAKU		Restricted permeability	1.00	Slope	1.00	
		Slope	1.00	Content of large stones	1.00	
	+	Depth to bedrock	0.96	Depth to hard bedrock	0.88	
	+	Content of large stones	0.98	Deput to hard bedrock	0.00	
Dranket	40	Very Limited	0.70	Very Limited		
Dialiket	40	Restricted permeability	1.00	Depth to cemented pan	1.00	
		BESUICIECI DECIDERDITIV	1 1.00	Deputito cemented pan	1 1.00	
		Depth to cemented pan	1.00	Depth to hard bedrock	1.00	

Map Symbol	% of	Septic tank and absorption	on fields	Sewage Lagoons		
and Soil Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	
600A:	•	· · · · · · · · · · · · · · · · · · ·	•	· · · · · ·	•	
Boulder Lake	55	Very limited		Very limited		
		Restricted permeability	1.00	Ponding	1.00	
		Ponding	1.00	Depth to saturated zone	1.00	
		Depth to saturated zone	1.00	· ·		
Hippyjim	35	Very limited		Very limited		
		Restricted permeability	1.00	Ponding	1.00	
		Ponding	1.00	Depth to saturated zone	1.00	
		Depth to saturated zone	1.00	Depth to soft bedrock	0.71	
		Depth to bedrock	0.89	-		
602A:		<b>↓</b> ▲		•		
Boulder Lake	85	Very limited		Very limited		
		Restricted permeability	1.00	Ponding	1.00	
		Ponding	1.00	Depth to saturated zone	1.00	
		Depth to saturated zone	1.00	· ·		
605A:		<b>·</b>				
Boulder Lake	45	Very limited		Very limited		
		Restricted permeability	1.00	Ponding	1.00	
		Ponding	1.00	Depth to saturated zone	1.00	
		Depth to saturated zone	1.00	· ·		
Cressler	40	Very limited		Very limited		
		Restricted permeability	1.00	Ponding	1.00	
		Ponding	1.00	Depth to saturated zone	1.00	
		Depth to saturated zone	1.00	1		
610A:		1				
Hippyjim	85	Very limited		Very limited		
1195		Restricted permeability	1.00	Ponding	1.00	
		Ponding	1.00	Depth to saturated zone	1.00	
		Depth to saturated zone	1.00	Depth to soft bedrock	0.71	
		Depth to bedrock	0.89	•		
615A:						
Olene	45	Very limited		Very limited		
		Restricted permeability	1.00	Ponding	1.00	
		Ponding	1.00	Depth to saturated zone	1.00	
		Depth to saturated zone	1.00	Depth to soft bedrock	0.26	
		Depth to bedrock	0.69	T		
Boulderlake	40	Very limited		Very limited		
		Restricted permeability	1.00	Ponding	1.00	
		Ponding	1.00	Depth to saturated zone	1.00	
		Depth to saturated zone	1.00	Finite statuted bond	1.00	

### **Table 8.—CONSTRUCTION MATERIALS**

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 0.99. The greater the value, the greater the likelihood that the bottom layer or thickest layer of the soil is a source of sand or gravel. See text for further explanation of ratings.)

Map Symbol	% of	Potential source of gra	avel	Potential source of sand	
and Soil Name	Map	Rating Class and	Value	Rating Class and	Value
	Unit	Limiting Features	value	Limiting Features	Value
300A:	1	1		1	
Norcross	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
310A:	1	1	- 1	- 1	
Norcross,wooded	50	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Dranket	20	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Norcross	15	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
312A:					
Norcross, wooded	65	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Dranket	20	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
320A:			L		I
Pankeybasin	85	Poor		Poor	
2		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
330B:		, ,	1		I
Casebeer	35	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Norcross	30	Poor	0.00	Poor	0.00
110101055	50	Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Dranket	20	Poor	0.00	Poor	0.00
Dranket	20	Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
331B:		Thekest layer	0.00	Thickest layer	0.00
Norcross	45	Poor		Poor	
110101085	45	Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Dranket	30	Poor	0.00	Poor	0.00
Dranket	50		0.00		0.00
		Bottom layer	0.00	Bottom layer	0.00
0 1	1.5	Thickest layer	0.00	Thickest layer	0.00
Casebeer	15	Poor	0.00	Poor	0.00
		Bottom layer	0.00	Bottom layer	0.00
44 <b>F</b> D		Thickest layer	0.00	Thickest layer	0.00
<u>335B:</u>					
Norcross, wooded	55	Poor	0.55	Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Casebeer	30	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
340A:					
Norcross	45	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00

	% of	Potential source of gravel Potential source of sand				
Map Symbol and Soil Name	Мар	n Dating Class and		Rating Class and	<b>X</b> 7 <b>1</b>	
and Soll Name	Unit	Limiting Features	Value	Limiting Features	Value	
Casebeer	40	Poor		Poor		
		Bottom layer	0.00	Bottom layer	0.00	
		Thickest layer	0.00	Thickest layer	0.00	
342A:			•		•	
Casebeer	85	Poor		Poor		
		Bottom layer	0.00	Bottom layer	0.00	
		Thickest layer	0.00	Thickest layer	0.00	
343A:						
Jennett	85	Poor		Poor		
		Bottom layer	0.00	Bottom layer	0.00	
		Thickest layer	0.00	Thickest layer	0.00	
344A:	-					
Norcross, ponded	40	Poor		Poor		
		Bottom layer	0.00	Bottom layer	0.00	
		Thickest layer	0.00	Thickest layer	0.00	
Boulder Lake	35	Poor		Poor		
		Bottom layer	0.00	Bottom layer	0.00	
		Thickest layer	0.00	Thickest layer	0.00	
Jennett	15	Poor		Poor		
		Bottom layer	0.00	Bottom layer	0.00	
		Thickest layer	0.00	Thickest layer	0.00	
345A:						
Casebeer	70	Poor		Poor		
		Bottom layer	0.00	Bottom layer	0.00	
		Thickest layer	0.00	Thickest layer	0.00	
Pankeybasin, stony	15	Poor		Poor		
		Bottom layer	0.00	Bottom layer	0.00	
2500		Thickest layer	0.00	Thickest layer	0.00	
350B:	4.7			D		
Woolencanyon	45	Poor	0.00	Poor	0.00	
	1	Bottom layer	0.00	Bottom layer	0.00	
NT ( 1 1	25	Thickest layer	0.00	Thickest layer	0.00	
Notchcorral	25	Poor	0.00	Poor	0.00	
		Bottom layer Thickest layer	0.00	Bottom layer	0.00	
Wonser	20	Poor	0.00	Thickest layer Poor	0.00	
wonser	20	Bottom layer	0.00	Bottom layer	0.00	
		Thickest laver	0.00	Thickest laver	0.00	
360B:		Thickest layer	0.00	Thickest layer	0.00	
Devaul	45	Poor		Poor		
Devaul	45	Bottom layer	0.00	Bottom layer	0.00	
		Thickest layer	0.00	Thickest layer	0.00	
Norcross, wooded	40	Poor	0.00	Poor	0.00	
Noteross, wooded	40	Bottom layer	0.00	Bottom layer	0.00	
		Thickest layer	0.00	Thickest layer	0.00	
362B:		Thickest layer	0.00	Thekest layer	0.00	
Casebeer	30	Poor		Poor		
	50	Bottom layer	0.00	Bottom layer	0.00	
		Thickest layer	0.00	Thickest layer	0.00	
Devaul	30	Poor	0.00	Poor	0.00	
		Bottom layer	0.00	Bottom layer	0.00	
		Thickest layer	0.00	Thickest layer	0.00	
Norcross, wooded	25	Poor	0.00	Poor	0.00	
		Bottom layer	0.00	Bottom layer	0.00	
		Thickest layer	0.00	Thickest layer	0.00	
370B:	1		0.00		0.00	
Widmer	60	Fair		Poor		
		Bottom layer	0.00	Bottom layer	0.00	
		Thickest layer	0.00	Thickest layer	0.00	
	I	inchest hujer	0.04	increase huger	0.00	

Map Symbol	% of	Potential source of grav	vel	Potential source of sand		
and Soil Name	Map	Rating Class and	Value	Rating Class and	Value	
	Unit	Limiting Features	value	Limiting Features	Value	
Lorella	25	Poor		Poor		
		Bottom layer	0.00	Bottom layer	0.00	
		Thickest layer	0.00	Thickest layer	0.00	
380C:						
Menbo, cool	40	Poor		Poor		
		Bottom layer	0.00	Bottom layer	0.00	
		Thickest layer	0.00	Thickest layer	0.00	
Drakce	30	Poor		Poor		
		Bottom layer	0.00	Bottom layer	0.00	
		Thickest layer	0.00	Thickest layer	0.00	
Rock Outcrop	20	Not rated		Not rated		
390A:	-					
Teeltruc	85	Poor		Fair		
10010100	00	Bottom layer	0.00	Bottom layer	0.00	
		Thickest layer	0.00	Thickest layer	0.06	
392B:	l	The Rest layer	0.00	The Rest layer	0.00	
Teeltruc	65	Poor		Fair		
i contrat	0.5	Bottom layer	0.00	Bottom layer	0.00	
		Thickest layer	0.00	Thickest layer	0.00	
Schning maint	20	Poor	0.00	Poor	0.00	
Schnipps, moist	20	Bottom layer	0.00	Bottom layer	0.00	
400.0		Thickest layer	0.00	Thickest layer	0.00	
400C:	07					
Schnipps	85	Poor	0.00	Poor		
		Bottom layer	0.00	Bottom layer	0.00	
		Thickest layer	0.00	Thickest layer	0.00	
402C:	T	1	n	1		
Devaul	60	Poor		Poor		
		Bottom layer	0.00	Bottom layer	0.00	
		Thickest layer	0.00	Thickest layer	0.00	
Schnipps	30	Poor		Poor		
		Bottom layer	0.00	Bottom layer	0.00	
		Thickest layer	0.00	Thickest layer	0.00	
410D:						
Drakce	65	Poor		Poor		
		Bottom layer	0.00	Bottom layer	0.00	
		Thickest layer	0.00	Thickest layer	0.00	
Rock Outcrop	20	Not rated		Not rated		
500C:			•	•		
Mound	40	Poor		Poor		
		Bottom layer	0.00	Bottom layer	0.00	
		Thickest layer	0.00	Thickest layer	0.00	
Royst	30	Poor	2.00	Poor		
		Bottom layer	0.00	Bottom layer	0.00	
		Thickest layer	0.00	Thickest layer	0.00	
Rock Outcrop	15	Not rated	0.00	Not rated		
505D:	10		1		I	
Menbo	40	Poor		Poor		
	-10	Bottom layer	0.00	Bottom layer	0.00	
	-	Thickest layer	0.00	Thickest layer	0.00	
Drakce	25	Poor	0.00	Poor	0.00	
DIANCE	23	Bottom layer	0.00	Bottom layer	0.00	
		Thickest layer	0.00	Thickest layer	0.00	
Deals Out-	20		0.00		0.00	
Rock Outcrop	20	Not rated		Not rated		
510B:	4-			L D		
Schnipps, moist	45	Poor	0.00	Poor		
	1	Bottom layer	0.00	Bottom layer	0.00	
		Thickest layer	0.00	Thickest layer	0.00	
Norcross, wooded	40	Poor		Poor		
		Bottom layer	0.00	Bottom layer	0.00	
		Thickest layer	0.00	Thickest layer	0.00	

Map Symbol	% of	Potential source of grav	Potential source of sand		
and Soil Name	Map	Rating Class and	Value	Rating Class and	Value
	Unit	Limiting Features	value	Limiting Features	value
515B:		1	-	1	
Bumpheads, moist	35	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Mound	30	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Norcross, wooded	25	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
517B:					
Bumpheads	40	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Mound	30	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Norcross, wooded	20	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
520B:		*		•	
Mound	45	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Benhall	40	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
525C:		Thickest layer	0.00	Thickest layer	0.00
525C:					
Mound	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
530B:			0.00		
Benhall, moist	45	Poor		Poor	
Dennan, monst		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Mound, moist	40	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
532B:					
Tallboy	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
	1	Thickest layer	0.00	Thickest layer	0.00
533C:	•		1		
Benhall, moist	45	Poor		Poor	
,	-	Bottom layer	0.00	Bottom layer	0.00
	1	Thickest layer	0.00	Thickest layer	0.00
Mound, moist	40	Poor		Poor	
	1	Bottom layer	0.00	Bottom layer	0.00
	1	Thickest layer	0.00	Thickest layer	0.00
540C:	•		1		
Schnipps, moist	60	Poor		Poor	
11-7,0100		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Mound	25	Poor		Poor	0.00
		Bottom layer	0.00	Bottom layer	0.00
	1	Thickest layer	0.00	Thickest layer	0.00
542B:	<u> </u>	Interest injer	0.00	Inchest luyer	0.00
	45	Poor		Poor	
Grohs	+5				
010hb		Bottom layer	0.00	Bottom layer	0.00

Map Symbol	% of	Potential source of grav	vel	Potential source of sand	
and Soil Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Carrbutte	40	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
543B:					
Carrbutte	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
550C:			•		•
Menbo	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
560C:			•		
Drakce	45	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Dranket	40	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
600A:					
Boulder Lake	55	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Hippyjim	35	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
602A:					
Boulder Lake	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
605A:					
Boulder Lake	45	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Cressler	40	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
610A:					
Hippyjim	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
615A:					
Olene	45	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Boulderlake	40	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00

### **Table 9.—CONSTRUCTION MATERIALS**

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 0.99. The smaller the value, the greater the limitation. See text for further explanation of ratings in this table.)

Map Symbol	% of Map	Potential source of recla material	mation	Potential source of road	lfill	Potential source of tops	oil
and Soil Name	Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
300A:	-	1		1	1	1	
Norcross	85	Poor		Poor		Poor	
		Too clayey	0.00	Depth to cemented pan	0.00	Too clayey	0.00
		Droughty	0.00	Depth to bedrock	0.00	Depth to cemented pan	0.00
		Depth to cemented pan	0.00	Shrink-swell	0.06	Depth to bedrock	0.65
2104		Depth to bedrock	0.65			Rock fragments	0.88
310A: Norcross,wooded	50	Poor		Poor		Poor	
Norcross,wooded	30		0.00		0.00	Too clayey	0.00
		Too clayey Droughty	0.00	Depth to cemented pan Depth to bedrock	0.00	Depth to cemented pan	0.00
	-	Depth to cemented pan	0.00	Shrink-swell		Depth to bedrock	0.00
	-	Depth to bedrock	0.65	Shirink-swell	0.06	Rock fragments	0.88
Dranket	20	Poor	0.05	Poor		Poor	0.00
Dialiket	20	Too clayey	0.00	Depth to cemented pan	0.00	Too clayey	0.00
		Droughty	0.00	Depth to bedrock	0.00	Depth to cemented pan	0.00
		Depth to cemented pan	0.14	Shrink-swell	0.00	Depth to bedrock	0.10
		Depth to bedrock	0.10	Smink-Swell	0.17		0.55
Norcross	15	Poor	0.00	Poor	1	Poor	
		Too clayey	0.00	Depth to cemented pan	0.00	Too clayey	0.00
		Droughty	0.00	Depth to bedrock	0.00	Depth to cemented pan	0.00
		Depth to cemented pan	0.00	Shrink-swell	0.06	Depth to bedrock	0.65
		Depth to bedrock	0.65		0.00	Rock fragments	0.88
312A:		1 - ·F ··· · · · · · · · · · · ·					
Norcross, wooded	65	Poor		Poor		Poor	
,		Too clayey	0.00	Depth to cemented pan	0.00	Too clayey	0.00
		Droughty	0.00	Depth to bedrock	0.00	Depth to cemented pan	0.00
		Depth to cemented pan	0.00	Shrink-swell	0.06	Depth to bedrock	0.65
		Depth to bedrock	0.65			Rock fragments	0.88
Dranket	20	Poor		Poor		Poor	
		Too clayey	0.00	Depth to cemented pan	0.00	Too clayey	0.00
		Droughty	0.14	Depth to bedrock	0.00	Depth to cemented pan	0.16
		Depth to cemented pan	0.16	Shrink-swell	0.19	Depth to bedrock	0.35
		Depth to bedrock	0.35				
320A:	-	1		1	-	1	
Pankeybasin	85	Poor		Poor		Poor	
		Too clayey	0.00	Depth to cemented pan	0.00	Too clayey	0.00
		Droughty	0.05	Shrink-swell	0.29	Depth to cemented pan	0.05
		Depth to cemented pan	0.05			Rock fragments	0.88
		Low content of organic matter	0.68				
330B:		matter					
Casebeer	35	Poor		Poor		Poor	
		Droughty	0.00	Depth to cemented pan	0.00	Depth to cemented pan	0.00
		Depth to cemented pan	0.00	Depth to bedrock	0.00	Too clayey	0.00
		Too clayey	0.00	Shrink-swell	0.06	Depth to bedrock	0.54
		Low content of organic	0.32		1	Rock fragments	0.88
	<u> </u>	matter			ļ	NOCK Haginelits	0.00
		Depth to bedrock	0.54		-		
Norcross	30	Poor		Poor	0.55	Poor	
		Too clayey	0.00	Depth to cemented pan	0.00	Too clayey	0.00
	-	Droughty	0.00	Depth to bedrock	0.00	Depth to cemented pan	0.00
		Depth to cemented pan	0.00	Shrink-swell	0.06	Depth to bedrock	0.65
		Depth to bedrock	0.65		<b> </b>	Rock fragments	0.88
Dranket	20	Poor		Poor		Poor	
	<b> </b>	Too clayey	0.00	Depth to cemented pan	0.00	Too clayey	0.00
		Droughty	0.15	Depth to bedrock	0.00	Depth to cemented pan	0.16
	-	Depth to cemented pan	0.16	Shrink-swell	0.19	Depth to bedrock	0.35
	1	Depth to bedrock	0.35				1

Map Symbol	% of Man	Potential source of recla material	mation	Potential source of road	fill	Potential source of tops	oil
and Soil Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
331B:							
Norcross	45	Poor		Poor		Poor	
		Too clayey	0.00	Depth to cemented pan	0.00	Too clayey	0.00
		Droughty	0.00	Depth to bedrock	0.00	Depth to cemented pan	0.00
		Depth to cemented pan	0.00	Shrink-swell	0.06	Depth to bedrock	0.65
		Depth to bedrock	0.65			Rock fragments	0.88
Dranket	30	Poor	0.00	Poor	0.00	Poor	0.00
		Too clayey	0.00	Depth to cemented pan	0.00	Too clayey	0.00
		Droughty	0.14	Depth to bedrock	0.00	Depth to cemented pan	0.16
	_	Depth to cemented pan	0.16	Shrink-swell	0.19	Depth to bedrock	0.35
0 1	17	Depth to bedrock	0.35	D		D	
Casebeer	15	Poor	0.00	Poor	0.00	Poor	0.00
		Droughty	0.00	Depth to cemented pan	0.00	Depth to cemented pan	0.00
		Depth to cemented pan	0.00	Depth to bedrock	0.00	Too clayey	0.00
	_	Too clayey	0.00	Shrink-swell	0.06	Depth to bedrock	0.54
		Low content of organic matter	0.32			Rock fragments	0.88
		Depth to bedrock	0.54		1		
335B:	<u> </u>	Septi to bedrock	0.04	1	1	1	1
Norcross, wooded	55	Poor		Poor		Poor	
110101035, 1100000		Too clayey	0.00	Depth to cemented pan	0.00	Too clayey	0.00
		Droughty	0.00	Depth to bedrock	0.00	Depth to cemented pan	0.00
		Depth to cemented pan	0.00	Shrink-swell	0.06	Depth to bedrock	0.65
		Depth to bedrock	0.65	Shirink Swen	0.00	Rock fragments	0.88
Casebeer	30	Poor	0.05	Poor		Poor	0.00
Cusebeer	50	Droughty	0.00	Depth to cemented pan	0.00	Depth to cemented pan	0.00
		Depth to cemented pan	0.00	Depth to bedrock	0.00	Too clayey	0.00
		Too clayey	0.00	Shrink-swell	0.06	Depth to bedrock	0.54
		Low content of organic matter	0.32		0.00	Rock fragments	0.88
		Depth to bedrock	0.54				
340A:				·			
Norcross	45	Poor		Poor		Poor	
		Too clayey	0.00	Depth to cemented pan	0.00	Too clayey	0.00
		Droughty	0.00	Depth to bedrock	0.00	Depth to cemented pan	0.00
		Depth to cemented pan	0.00	Shrink-swell	0.06	Depth to bedrock	0.65
		Depth to bedrock	0.65			Rock fragments	0.88
Casebeer	40	Poor		Poor		Poor	
		Droughty	0.00	Depth to cemented pan	0.00	Depth to cemented pan	0.00
		Depth to cemented pan	0.00	Depth to bedrock	0.00	Too clayey	0.00
		Too clayey	0.00	Shrink-swell	0.06	Depth to bedrock	0.54
		Low content of organic	0.32			Rock fragments	0.88
		matter				Rook inginoins	0.00
		Depth to bedrock	0.54				
342A:	07	D	1	D		D	1
Casebeer	85	Poor	0.00	Poor	0.00	Poor	0.00
		Droughty	0.00	Depth to cemented pan	0.00	Depth to cemented pan	0.00
		Depth to cemented pan	0.00	Depth to bedrock	0.00	Too clayey	0.00
	_	Too clayey	0.00	Shrink-swell	0.06	Depth to bedrock	0.54
		Low content of organic	0.32			Rock fragments	0.88
	+	matter Depth to bedrock	0.54		+		1
343A:	<u> </u>		0.54	1	1		1
Jennett	85	Poor		Poor	I	Poor	
Jenneu	65	Too clayey	0.00		0.00	Too clayey	0.00
			0.00	Depth to cemented pan			0.00
		Depth to cemented pan	0.01	Depth to saturated zone	0.04 0.22	Depth to cemented pan	0.01
		Droughty Water erosion	0.15	Shrink-swell	0.22	Depth to saturated zone	0.04
		Low content of organic	1		ł		
		Low content of organic	0.68		1		1

Map Symbol	% of Mon	Potential source of recla material	amation	Potential source of road	fill	Potential source of topse	oil
and Soil Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
344A:	•						•
Norcross, ponded	40	Poor		Poor		Poor	
		Too clayey	0.00	Depth to cemented pan	0.00	Too clayey	0.00
		Droughty	0.00	Depth to bedrock	0.00	Depth to cemented pan	0.00
		Depth to cemented pan	0.00	Shrink-swell	0.06	Depth to bedrock	0.65
		Depth to bedrock	0.65			Rock fragments	0.88
Boulder Lake	35	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Too clayey	0.00
		Low content of organic	0.12	Shrink-swell	0.14	Depth to saturated zone	0.00
		matter Water erosion	0.90			1	
Ionnott	15	Poor	0.90	Poor		Poor	
Jennett	15	Too clayey	0.00	Depth to cemented pan	0.00	Too clayey	0.00
		Depth to cemented pan	0.00	Depth to saturated zone		Depth to cemented pan	0.00
		Droughty	0.01	Shrink-swell	0.04 0.22	Depth to saturated zone	0.01
		Water erosion	0.13	Shink-swen	0.22	Depth to saturated zone	0.04
		Low content of organic			ł		
		matter	0.68				
345A:	1	1		1		1	1
Casebeer	70	Poor		Poor		Poor	
		Droughty	0.00	Depth to cemented pan	0.00	Depth to cemented pan	0.00
		Depth to cemented pan	0.00	Depth to bedrock	0.00	Too clayey	0.00
		Too clayey	0.00	Shrink-swell	0.06	Depth to bedrock	0.54
		Low content of organic matter	0.32			Rock fragments	0.88
		Depth to bedrock	0.54		1		
Pankeybasin, stony	15	Poor		Poor		Poor	
		Too clayey	0.00	Depth to cemented pan	0.00	Too clayey	0.00
		Droughty	0.04	Shrink-swell	0.29	Depth to cemented pan	0.05
		Depth to cemented pan	0.05			Rock fragments	0.88
		Low content of organic	0.68				
350B:		matter					
Woolencanyon	45	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Depth to cemented pan	0.00
		Droughty	0.00	Depth to cemented pan	0.00	Depth to bedrock	0.00
		Depth to cemented pan	0.00			Rock fragments	0.88
		Depth to bedrock	0.00				
Notchcorral	25	Poor		Poor		Poor	
		Too clayey	0.00	Depth to cemented pan	0.00	Too clayey	0.00
		Droughty	0.03	Shrink-swell	0.07	Depth to cemented pan	0.03
		Depth to cemented pan	0.03	Depth to bedrock	0.58		
		Low content of organic	0.82				
11.7		matter	0.02				
Wonser	20	Poor	0.00	Poor	0.00	Poor	0.00
		Too clayey	0.00	Depth to bedrock	0.00	Too clayey	0.00
		Droughty	0.00	Depth to cemented pan	0.00	Depth to cemented pan	0.00
		Depth to cemented pan	0.00	Shrink-swell	0.06	Depth to bedrock	0.00
260D.		Depth to bedrock	0.00	No cobble limitation	0.99	Rock fragments	0.12
360B: Devaul	45	Fair		Fair		Poor	
		Too clayey	0.92	Shrink-swell	0.33	Hard to reclaim	0.00
		Low content of organic	0.92	Cobble content	0.46	Rock fragments	0.00
		matter No cobble limitation	0.92	Depth to bedrock	0.40	Too clayey	0.67
Norcross, wooded	40	Poor	0.99	Poor	0.95	Poor	0.07
notetoss, wooded	+0	Too clayey	0.00	Depth to cemented pan	0.00	Too clayey	0.00
		Droughty	0.00	Depth to bedrock	0.00	Depth to cemented pan	0.00
		Depth to cemented pan	0.00	Shrink-swell	0.00	Depth to bedrock	0.65
		Depth to bedrock	0.65	SIIIIIK-SWUII	0.00	Rock fragments	0.03

Map Symbol	% of Man	Potential source of recla material	amation	Potential source of road	fill	Potential source of topsoil	
and Soil Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
362B:		1	1	1	1	1	1
Casebeer	30	Poor		Poor		Poor	
		Droughty	0.00	Depth to cemented pan	0.00	Depth to cemented pan	0.00
		Depth to cemented pan	0.00	Depth to bedrock	0.00	Too clayey	0.00
		Too clayey	0.00	Shrink-swell	0.06	Depth to bedrock	0.54
		Low content of organic matter	0.32			Rock fragments	0.88
		Depth to bedrock	0.54				
Devaul	30	Fair		Fair		Poor	_
		Too clayey	0.92	Shrink-swell	0.33	Hard to reclaim	0.00
		Low content of organic matter	0.92	Cobble content	0.46	Rock fragments	0.00
		No cobble limitation	0.99	Depth to bedrock	0.95	Too clayey	0.67
Norcross, wooded	25	Poor		Poor		Poor	
		Too clayey	0.00	Depth to cemented pan	0.00	Too clayey	0.00
		Droughty	0.00	Depth to bedrock	0.00	Depth to cemented pan	0.00
		Depth to cemented pan	0.00	Shrink-swell	0.06	Depth to bedrock	0.65
270D.		Depth to bedrock	0.65			Rock fragments	0.88
370B: Widmer	60	Foir		Poor		Door	
widiner	60	Fair Droughty	0.19	Depth to bedrock	0.00	Poor Rock fragments	0.00
		Depth to bedrock	0.19	Shrink-swell	0.00	Depth to bedrock	0.65
		Low content of organic		Shimk-swen	0.00	Deptil to bedrock	0.05
		matter	0.82				
Lorella	25	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too clayey	0.00
		Droughty	0.00	Shrink-swell	0.18	Rock fragments	0.00
380C:		Depth to bedrock	0.00	Cobble content	0.88	Depth to bedrock	0.00
Menbo, cool	40	Poor	1	Poor		Poor	Т
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
		Too clayey	0.18	Slope	0.00	Rock fragments	0.00
		Depth to bedrock	0.35	Shrink-swell	0.16	Too clayey	0.17
		Stone content	0.50	Stone content	0.50	Depth to bedrock	0.35
				Cobble content	0.78		
Drakce	30	Poor		Poor		Poor	
		Too clayey	0.00	Slope	0.00	Slope	0.00
		Low content of organic matter	0.82	Shrink-swell	0.07	Too clayey	0.00
		Stone content	0.82	Depth to bedrock	0.12	Hard to reclaim	0.00
		Cobble content	0.92	Cobble content	0.16	Rock fragments	0.00
		Droughty	0.94	Stone content	0.33		
Rock Outcrop	20	Not Rated		Not Rated		Not Rated	
390A:	07		1				
Teeltruc	85	Fair	0.00	Fair Doubt to commente damage	0.69	Fair Hard to reclaim	0.00
392B:		Droughty	0.98	Depth to cemented pan	0.68	Hard to reclaim	0.88
Teeltruc	65	Fair	T	Fair		Fair	Т
Teennue	0.5	Droughty	0.98	Depth to cemented pan	0.68	Hard to reclaim	0.88
Schnipps, moist	20	Poor	0.70	Fair	0.00	Poor	0.00
Semippo, moise	20	Too clayey	0.00	Shrink-swell	0.23	Too clayey	0.00
	1	Low content of organic	0.82	Depth to bedrock	0.46	Rock fragments	0.00
		matter		Stone content	0.90	Hard to reclaim	0.50
				Cobble content	0.98	Slope	0.30
400C:	•	1	•			· · ·	
Schnipps	85	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.23	Too clayey	0.00
		Low content of organic matter	0.82	Depth to bedrock	0.46	Rock fragments	0.00
	1		1	Stone content	0.90	Hard to reclaim	0.50
	1		1	Cobble content	0.98	Slope	0.84

Map Symbol	% of Map	Potential source of rec material	lamation	Potential source of roa	adfill	Potential source of top	osoil
and Soil Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
402C:				-			
Devaul	60	Fair		Fair		Poor	
		Too clayey	0.92	Shrink-swell	0.33	Hard to reclaim	0.00
		Low content of organic matter	0.92	Cobble content	0.46	Rock fragments	0.00
		No cobble limitation	0.99	Depth to bedrock	0.95	Too clayey	0.67
Schnipps	30	Poor		Fair		Poor	
		Too clayey	0.00	Shrink-swell	0.23	Too clayey	0.00
		Low content of organic matter	0.82	Depth to bedrock	0.46	Rock fragments	0.00
				Stone content	0.96	Slope	0.00
				Cobble content	0.98	Hard to reclaim	0.50
410D:		1					
Drakce	65	Poor		Poor		Poor	
		Too clayey	0.00	Slope	0.00	Slope	0.00
		Low content of organic matter	0.82	Shrink-swell	0.07	Too clayey	0.00
		Stone content	0.82	Depth to bedrock	0.12	Hard to reclaim	0.00
		Cobble content	0.92	Cobble content	0.16	Rock fragments	0.00
		Droughty	0.94	Stone content	0.33	Ŭ	
Rock Outcrop	20	Not rated		Not rated		Not rated	
500C:		•				·	
Mound	40	Poor		Fair		Poor	
		Too clayey	0.00	Depth to bedrock	0.04	Rock fragments	0.00
		Too acid	0.92	Shrink-swell	0.37	Hard to reclaim	0.00
		Stone content	0.97	Slope	0.50	Too clayey	0.00
		Droughty	0.99	Cobble content	0.58	Slope	0.00
				Stone content	0.72		
Royst	30	Fair		Poor		Poor	
		Too clayey	0.18	Depth to bedrock	0.00	Rock fragments	0.00
		Droughty	0.88	Shrink-swell	0.18	Slope	0.00
		Depth to bedrock	0.99	Slope	0.50	Too clayey	0.17
		Too acid	0.99	Cobble content Stone content	0.71	Depth to bedrock	0.99
Poals Outaron	15	Stone content Not Rated	0.99	Not Rated	0.82	Not Poted	
Rock Outcrop 505D:	15	Not Kaled		Not Kaled		Not Rated	
Menbo	40	Poor		Poor		Poor	
	UT	Too clayey	0.00	Slope	0.00	Slope	0.00
		Low content of organic	0.82	Depth to bedrock	0.00	Rock fragments	0.00
		matter Stone content	0.82	Shrink-swell	0.16	Too clayey	0.17
		Cobble content	0.82	Stone content	0.16	Depth to bedrock	0.17
		Droughty	0.92	Cobble content	0.30		0.55
Drakce	25	Poor	0.74	Poor	0.70	Poor	
2-1unev		Too clayey	0.00	Slope	0.00	Slope	0.00
		Low content of organic	0.82	Shrink-swell	0.07	Too clayey	0.00
		matter Stone content				Hard to reclaim	
		Cobble content	0.82	Depth to bedrock Cobble content	0.12		0.00
		Droughty	0.92	Stone content	0.16	Rock fragments	0.00
Rock Outcrop	20	Not Rated	0.94	Not rated	0.35	Not rated	
510B:			1				
Schnipps, moist	45	Poor		Fair		Poor	
•• '		Too clayey	0.00	Shrink-swell	0.23	Too clayey	0.00
		Low content of organic matter	0.82	Depth to bedrock	0.46	Rock fragments	0.00
				Stone content	0.96	Hard to reclaim	0.50
	_	1	+	Cobble content	0.98		5.50

Map Symbol	% of Man	Potential source of recla material	mation	Potential source of road	fill	Potential source of topsoil	
and Soil Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Norcross, wooded	40	Poor		Poor		Poor	
		Too clayey	0.00	Depth to cemented pan	0.00	Too clayey	0.00
		Droughty	0.00	Depth to bedrock	0.00	Depth to cemented pan	0.00
		Depth to cemented pan	0.00	Shrink-swell	0.06	Depth to bedrock	0.65
		Depth to bedrock	0.65			Rock fragments	0.88
515B:	_						-
Bumpheads, moist	35	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too clayey	0.00
		Droughty	0.67	Shrink-swell	0.17	Rock fragments	0.00
		Depth to bedrock	0.84	Cobble content	0.92	Depth to bedrock	0.84
		Low content of organic	0.88				
Mound	30	matter Poor		Fair		Poor	
Wioulia		Too clayey	0.00	Depth to bedrock	0.04	Rock fragments	0.00
		Too acid	0.00	Shrink-swell	0.04	Hard to reclaim	0.00
		Stone content	0.92	Slope	0.50	Too clayey	0.00
		Droughty	0.97	Cobble content	0.50	100 010303	0.00
		Diouginty	0.77	Stone content	0.38		
Norcross, wooded	25	Poor		Poor	0.72	Poor	
Tioreross, wooded	25	Too clayey	0.00	Depth to cemented pan	0.00	Too clayey	0.00
		Droughty	0.00	Depth to bedrock	0.00	Depth to cemented pan	0.00
		Depth to cemented pan	0.00	Shrink-swell	0.06	Depth to bedrock	0.65
		Depth to bedrock	0.65	Shirink Swen	0.00	Rock fragments	0.88
517B:			0100			iteon nuginonis	0.00
Bumpheads	40	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too clayey	0.00
		Droughty	0.67	Shrink-swell	0.17	Rock fragments	0.00
		Depth to bedrock	0.84	Cobble content	0.92	Depth to bedrock	0.84
		Low content of organic matter	0.88				
Mound	30	Poor		Fair		Poor	
		Too clayey	0.00	Depth to bedrock	0.04	Rock fragments	0.00
		Too acid	0.92	Shrink-swell	0.37	Hard to reclaim	0.00
		Stone content	0.97	Cobble content	0.58	Too clayey	0.00
		Droughty	0.99	Stone content	0.72		
Norcross, wooded	20	Poor		Poor		Poor	
		Too clayey	0.00	Depth to cemented pan	0.00	Too clayey	0.00
		Droughty	0.00	Depth to bedrock	0.00	Depth to cemented pan	0.00
		Depth to cemented pan	0.00	Shrink-swell	0.06	Depth to bedrock	0.65
		Depth to bedrock	0.65			Rock fragments	0.88
520B:					<u> </u>		
Mound	45	Poor		Fair		Poor	
		Too clayey	0.00	Depth to bedrock	0.04	Rock fragments	0.00
		Too acid	0.92	Shrink-swell	0.37	Hard to reclaim	0.00
		Stone content	0.97	Cobble content	0.58	Too clayey	0.00
		Droughty	0.99	Stone content	0.72	Slope	0.84
Benhall	40	Fair		Poor		Poor	<u> </u>
	<u> </u>	Droughty	0.95	Depth to bedrock	0.00	Rock fragments	0.00
		Too acid	0.97	Shrink-swell	0.76	Slope	0.84
		Depth to bedrock	0.99	Cobble content	0.89	Depth to bedrock	0.99
525C:	0.5	D	1		1	D	1
Mound	85	Poor	0.00	Fair	0.01	Poor	0.00
		Too clayey	0.00	Depth to bedrock	0.04	Rock fragments	0.00
		Too acid	0.92	Slope	0.08	Hard to reclaim	0.00
		Stone content	0.97	Shrink-swell	0.37	Too clayey	0.00
	<u> </u>	Droughty	0.99	Cobble content	0.58		
	<u> </u>		<u> </u>	Stone content	0.72		

Map Symbol	% of Map	Potential source of rec material	lamation	Potential source of ro	adfill	Potential source of top	psoil
and Soil Name	Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
530B:	•						
Benhall, moist	45	Fair		Poor		Poor	
		Droughty	0.95	Depth to bedrock	0.00	Rock fragments	0.00
		Too acid	0.97	Shrink-swell	0.76	Depth to bedrock	0.99
		Depth to bedrock	0.99	Cobble content	0.89		
Mound, moist	40	Poor		Fair		Poor	
		Too clayey	0.00	Depth to bedrock	0.04	Rock fragments	0.00
		Too acid	0.92	Shrink-swell	0.37	Hard to reclaim	0.00
		Stone content	0.97	Cobble content	0.58	Too clayey	0.00
		Droughty	0.99	Stone content	0.72		
532B:							
Tallboy	85	Good		Fair		Fair	
				Depth to bedrock	0.23	Hard to reclaim	0.12
				Shrink-swell	0.37	Rock fragments	0.12
				Cobble content	0.99		
533C:							
Benhall, moist	45	Fair		Poor		Poor	
		Droughty	0.95	Depth to bedrock	0.00	Slope	0.00
		Too acid	0.97	Slope	0.00	Rock fragments	0.00
		Depth to bedrock	0.99	Shrink-swell	0.76	Depth to bedrock	0.99
		<b>^</b>		Cobble content	0.89	•	
Mound, moist	40	Poor		Poor		Poor	
,		Too clayey	0.00	Slope	0.00	Slope	0.00
		Too acid	0.92	Depth to bedrock	0.04	Rock fragments	0.00
		Stone content	0.97	Shrink-swell	0.37	Hard to reclaim	0.00
		Droughty	0.99	Cobble content	0.58	Too clayey	0.00
				Stone content	0.72		
540C:	1						
Schnipps, moist	60	Poor		Fair		Poor	
~FF~,		Too clayey	0.00	Shrink-swell	0.23	Too clayey	0.00
		Low content of organic matter	0.82	Depth to bedrock	0.46	Rock fragments	0.00
				Stone content	0.96	Slope	0.00
				Cobble content	0.98	Hard to reclaim	0.50
Mound	25	Poor		Fair	0.70	Poor	0.00
1.10 und	20	Too clayey	0.00	Depth to bedrock	0.04	Rock fragments	0.00
		Too acid	0.92	Shrink-swell	0.37	Hard to reclaim	0.00
		Stone content	0.92	Cobble content	0.57	Too clayey	0.00
		Droughty	0.99	Stone content	0.72	Slope	0.84
542B:		Dioughty	0.77	Stone content	0.72	blope	0.04
Grohs	45	Poor		Poor		Poor	
010113		Too clayey	0.00	Depth to bedrock	0.00	Too clayey	0.00
		Droughty	0.00	Shrink-swell	0.06	Depth to bedrock	0.00
		Depth to bedrock	0.00	Similik-Swell	0.00	Rock fragments	0.03
Carrbutte	40	Poor	0.05	Fair		Poor	0.12
Callbuile	40	Too clayey	0.00	Depth to bedrock	0.01	Too clayey	0.00
	+	Droughty	0.00	Cobble content	0.01	Hard to reclaim	0.00
		Cobble content	0.39	Shrink-swell	0.19		0.00
	_		0.95	SIIIIIK-SWEII	0.30	Rock fragments	0.00
542D.						Slope	0.84
543B:	05	Door		Foir		Door	
Carrbutte	85	Poor Too alayay	0.00	Fair Donth to hadroals	0.01	Poor Too alayay	0.00
	_	Too clayey	0.00	Depth to bedrock	0.01	Too clayey	0.00
		Droughty Cabble content	0.59	Cobble content	0.19	Hard to reclaim	0.00
5500		Cobble content	0.95	Shrink-swell	0.36	Rock fragments	0.00
<u>550C:</u>	07	D		D		D	
Menbo	85	Poor	0.00	Poor	0.00	Poor	0.05
		Droughty	0.00	Depth to bedrock	0.00	Slope	0.00
	_	Too clayey	0.18	Slope	0.00	Rock fragments	0.00
	_	Depth to bedrock	0.35	Shrink-swell	0.16	Too clayey	0.17
		Stone content	0.50	Stone content	0.50	Depth to bedrock	0.35
		1		Cobble content	0.78	1	

Map Symbol	% of Map	Potential source of recla material	amation	Potential source of road	fill	Potential source of topso	oil
and Soil Name	Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
560C:		ſ	1	1	1		
Drakce	45	Poor		Poor		Poor	
		Too clayey	0.00	Slope	0.00	Slope	0.00
		Low content of organic matter	0.82	Shrink-swell	0.07	Too clayey	0.00
		Stone content	0.82	Depth to bedrock	0.12	Hard to reclaim	0.00
		Cobble content	0.92	Cobble content	0.16	Rock fragments	0.00
		Droughty	0.94	Stone content	0.33		
Dranket	40	Poor		Poor		Poor	
		Too clayey	0.00	Depth to cemented pan	0.00	Too clayey	0.00
		Droughty	0.15	Depth to bedrock	0.00	Depth to cemented pan	0.16
		Depth to cemented pan	0.16	Shrink-swell	0.19	Depth to bedrock	0.35
		Depth to bedrock	0.35				
600A:			1	-	r		<del></del>
Boulder Lake	55	Poor		Poor	0.00	Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Too clayey	0.00
		Low content of organic matter	0.12	Shrink-swell	0.14	Depth to saturated zone	0.00
		Water erosion	0.90				
Hippyjim	35	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Too clayey	0.00
		Low content of organic matter	0.08	Shrink-swell	0.00	Depth to saturated zone	0.00
		Water erosion	0.90	Depth to bedrock	0.29		
602A:		•	•			•	
Boulder Lake	85	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Too clayey	0.00
		Low content of organic matter	0.12	Shrink-swell	0.14	Depth to saturated zone	0.00
		Water erosion	0.90				
605A:							
Boulder Lake	45	Poor		Poor		Poor	
		Too clayey	0.00	Depth to saturated zone	0.00	Too clayey	0.00
		Low content of organic matter	0.12	Shrink-swell	0.14	Depth to saturated zone	0.00
		Water erosion	0.90				
Cressler	40	Poor		Poor		Poor	
		Too clayey	0.00	Low strength	0.00	Hard to reclaim	0.00
		Too acid	0.92	Shrink-swell	0.12	Too clayey	0.00
		Stone content	0.95	Depth to saturated zone	0.14	Depth to saturated zone	0.14
						Rock fragments	0.97
610A:				1	1		
Hippyjim	85	Poor	0.00	Poor	0.00	Poor	0.05
	_	Too clayey	0.00	Depth to saturated zone	0.00	Too clayey	0.00
		Low content of organic matter	0.08	Shrink-swell	0.00	Depth to saturated zone	0.00
		Water erosion	0.90	Depth to bedrock	0.29		
615A:						-	
Olene	45	Poor		Poor		Poor	<u> </u>
		Too clayey	0.00	Depth to saturated zone	0.00	Too clayey	0.00
				Shrink-swell	0.00	Depth to saturated zone	0.00
				Depth to bedrock	0.74	Hard to reclaim	0.00
Boulderlake	40	Poor		Poor		Poor	<u> </u>
	_	Too clayey	0.00	Depth to saturated zone	0.00	Too clayey	0.00
		Low content of organic matter	0.12	Shrink-swell	0.14	Depth to saturated zone	0.00
		Water erosion	0.90				

#### Table 10.—WATER MANAGEMENT

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

Map Symbol	% of	Pond Reservoir Areas		Embankments, Dikes	, & Levies	Aquifer-fed Excavate	1 Ponds
and Soil Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
300A:		1		-		-	
Norcross	85	Somewhat Limited		Very Limited		Very Limited	
		Depth to cemented pan	1.00	Hard to pack	1.00	Deep to water	1.00
		Depth to bedrock	0.83	Thin layer	1.00		1.00
310A:		Depui to bearbeit	0.05	Thin hayor	1.00		
Norcross,wooded	50	Somewhat Limited		Very Limited		Very Limited	
110101035, wooded	50	Depth to cemented pan	1.00	Hard to pack	1.00	Deep to water	1.00
		Depth to bedrock	0.83	Thin layer	1.00	Deep to water	1.00
Dranket	20	Somewhat Limited	0.85	Somewhat Limited	1.00	Very Limited	
Dranket	20	Depth to cemented pan	0.96	Hard to pack	0.97	Deep to water	1.00
		Depth to bedrock	0.91	Thin layer	0.96		1.00
Norcross	15	Somewhat Limited	0171	Very Limited	0.70	Very Limited	
110101000	10	Depth to cemented pan	1.00	Hard to pack	1.00	Deep to water	1.00
		Depth to bedrock	0.83	Thin layer	1.00		
312A:		. <u>.</u>	-				
Norcross, wooded	65	Somewhat Limited		Very Limited		Very Limited	
, "		Depth to cemented pan	1.00	Hard to pack	1.00	Deep to water	1.00
		Depth to bedrock	0.83	Thin layer	1.00		
Dranket	20	Somewhat Limited		Somewhat Limited		Very Limited	
		Depth to cemented pan	0.96	Hard to pack	0.97	Deep to water	1.00
		Depth to bedrock	0.91	Thin layer	0.96		
320A:							
Pankeybasin	85	Somewhat Limited		Very Limited		Very Limited	
		Depth to cemented pan	0.99	Hard to pack	1.00	Deep to water	1.00
				Thin layer	0.99		
330B:		1					
Casebeer	35	Very limited		Very limited		Very limited	
		Depth to cemented pan	1.00	Thin layer	1.00	Deep to water	1.00
		Depth to bedrock	0.86	Hard to pack	1.00		
Norcross	30	Somewhat Limited	1.00	Very Limited	1.00	Very Limited	1.00
		Depth to cemented pan	1.00	Hard to pack	1.00	Deep to water	1.00
D 1	20	Depth to bedrock	0.83	Thin layer	1.00	<b>TT T I I</b>	
Dranket	20	Somewhat Limited	0.07	Somewhat Limited	0.07	Very Limited	1.00
		Depth to cemented pan	0.96	Hard to pack	0.97	Deep to water	1.00
221D		Depth to bedrock	0.91	Thin layer	0.96		
331B:	15	Company to the limited	1	Vana Linsida J		Very Limited	
Norcross	45	Somewhat Limited Depth to cemented pan	1.00	Very Limited Hard to pack	1.00	Deep to water	1.00
		Depth to bedrock	0.83	Thin layer	1.00	Deep to water	1.00
Dranket	30	Somewhat Limited	0.85	Somewhat Limited	1.00	Very Limited	
Dialiket	50	Depth to cemented pan	0.96	Hard to pack	0.97	Deep to water	1.00
		Depth to bedrock	0.90	Thin layer	0.96		1.00
Casebeer	15	Very limited	0.71	Very limited	0.70	Very limited	
Casebeer	15	Depth to cemented pan	1.00	Thin layer	1.00	Deep to water	1.00
		Depth to bedrock	0.86	Hard to pack	1.00		1.00
335B:	1	pui to couroen	0.00	and to public	1.00	l	I
Norcross, wooded	55	Somewhat Limited		Very Limited		Very Limited	
,		Depth to cemented pan	1.00	Hard to pack	1.00	Deep to water	1.00
		Depth to bedrock	0.83	Thin layer	1.00	1	
Casebeer	30	Very limited		Very limited		Very limited	
		Depth to cemented pan	1.00	Thin layer	1.00	Deep to water	1.00
		Depth to bedrock	0.86	Hard to pack	1.00		
340A:							
Norcross	45	Somewhat Limited		Very Limited		Very Limited	
		Depth to cemented pan	1.00	Hard to pack	1.00	Deep to water	1.00
		Depth to bedrock	0.83	Thin layer	1.00	-	

Map Symbol	% of	Pond Reservoir Areas	1	Embankments, Dikes, &	z Levies	Aquifer-fed Excavate	d Ponds
and Soil Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Casebeer	40	Very limited		Very limited		Very limited	
Cubebeer	10	Depth to cemented pan	1.00	Thin layer	1.00	Deep to water	1.00
		Depth to bedrock	0.86	Hard to pack	1.00		1.00
342A:	I		0100	That d to publi	1100		
Casebeer	85	Very limited		Very limited		Very limited	
		Depth to cemented pan	1.00	Thin layer	1.00	Deep to water	1.00
		Depth to bedrock	0.86	Hard to pack	1.00		
343A:	1		1	1			
Jennett	85	Somewhat Limited		Very Limited		Very Limited	
		Depth to cemented pan	1.00	Ponding	1.00	Slow refill	1.00
				Depth to saturated zone	1.00	Cutbanks cave	0.10
				Thin layer	1.00		
				Hard to pack	0.71		
344A:				· ·			
Norcross, ponded	40	Somewhat Limited		Very Limited		Very Limited	
ć <b>.</b>	1	Depth to cemented pan	1.00	Hard to pack	1.00	Deep to water	1.00
		Depth to bedrock	0.83	Thin layer	1.00		
Boulder Lake	35	Not Limited		Very Limited		Somewhat Limited	
				Ponding	1.00	Slow refill	0.99
				Depth to saturated zone	1.00	Cutbanks cave	0.10
				Hard to pack	0.71		
Jennett	15	Somewhat Limited		Very Limited		Very Limited	
		Depth to cemented pan	1.00	Ponding	1.00	Slow refill	1.00
				Depth to saturated zone	1.00	Cutbanks cave	0.10
				Thin layer	1.00		
				Hard to pack	0.79		
345A:		÷			•		
Casebeer	70	Very limited		Very limited		Very limited	
		Depth to cemented pan	1.00	Thin layer	1.00	Deep to water	1.00
		Depth to bedrock	0.86	Hard to pack	1.00		
Pankeybasin, stony		Somewhat Limited		Very Limited		Very limited	
		Depth to cemented pan	0.99	Hard to pack	1.00	Deep to water	1.00
				Thin layer	1.00		
350B:							
Woolencanyon	45	Very limited		Very limited		Very limited	
		Depth to cemented pan	1.00	Thin layer	1.00	Deep to water	1.00
		Depth to bedrock	1.00				
Notchcorral	25	Somewhat limited		Very limited		Very limited	
		Depth to cemented pan	0.99	Hard to pack	1.00	Deep to water	1.00
		Depth to bedrock	0.10	Thin layer	0.99		
Wonser	20	Very limited		Very Limited		Very limited	
		Seepage	1.00	Hard to pack	1.00	Deep to water	1.00
		Depth to cemented pan	1.00	Thin layer	1.00		
		Depth to bedrock	1.00	Content of large stones	0.03		
360B:	1	1	1	1	1	1	
Devaul	45	Somewhat limited		Somewhat limited		Very limited	
		Seepage	0.02	Thin layer	0.01	Deep to water	1.00
		Depth to bedrock	0.01	Content of large stones	0.01		
Norcross, wooded	40	Somewhat Limited		Very Limited		Very limited	
		Depth to cemented pan	1.00	Hard to pack	1.00	Deep to water	1.00
		Depth to bedrock	0.83	Thin layer	1.00		
362B:							
Casebeer	30	Very limited		Very limited		Very limited	
		Depth to cemented pan	1.00	Thin layer	1.00	Deep to water	1.00
		Depth to bedrock	0.86	Hard to pack	1.00		
Devaul	30	Somewhat limited		Somewhat limited		Very limited	
		Seepage	0.02	Thin layer	0.01	Deep to water	1.00
		Depth to bedrock	0.01	Content of large stones	0.01		
Norcross, wooded	25	Somewhat Limited		Very Limited		Very limited	
		Depth to cemented pan	1.00	Hard to pack	1.00	Deep to water	1.00
	1	Depth to bedrock	0.83	Thin layer	1.00		

Map Symbol	% of	Pond Reservoir Areas		Embankments, Dikes, &	k Levies	Aquifer-fed Excavate	d Ponds
and Soil Name	Map	Rating Class and	Value	Rating Class and	Value	Rating Class and	Value
	Unit	Limiting Features	value	Limiting Features	value	Limiting Features	value
370B:							
Widmer	60	Somewhat Limited		Somewhat Limited		Very limited	
		Depth to bedrock	0.42	Thin layer	0.83	Deep to water	1.00
				Seepage	0.12		
Lorella	25	Very Limited		Very Limited		Very limited	
		Depth to bedrock	1.00	Thin layer	1.00	Deep to water	1.00
				Seepage	0.12		
200.0				Content of large stones	0.05		
380C:	10		1		1		
Menbo, cool	40	Somewhat Limited	0.01	Somewhat Limited	0.01	Very Limited	1.00
		Depth to bedrock	0.91	Thin layer	0.91	Deep to water	1.00
<b>D</b> 1	20	Slope	0.64	Content of large stones	0.40	<b>TT T I I</b>	
Drakce	30	Somewhat Limited	0.00	Somewhat Limited	0.70	Very Limited	1.00
		Depth to bedrock	0.29	Content of large stones	0.70	Deep to water	1.00
D 10	20	Slope	0.28	Thin layer	0.29	N (D ) 1	
Rock Outcrop	20	Not Rated		Not Rated		Not Rated	
390A:	07	V	1	Comment (T 1 1	1	Marrie I. 1	
Teeltruc	85	Very Limited	1.00	Somewhat Limited	0.09	Very Limited	1.00
		Seepage	1.00	Thin layer	0.08	Deep to water	1.00
2020		Depth to cemented pan	0.08	Seepage	0.06		
392B:	65	<b>X7 T 1</b>	1		1	<b>X</b> 7 <b>T</b> · · · 1	- T
Teeltruc	65	Very Limited	1.00	Somewhat Limited	0.09	Very Limited	1.00
		Seepage Depth to cemented pan		Thin layer	0.08	Deep to water	1.00
Calariana maint	20		0.08	Seepage	0.06	Varia Lingita J	
Schnipps, moist	20	Somewhat Limited	0.03	Somewhat Limited	0.67	Very Limited	1.00
		Seepage Depth to hadroals	0.03	Hard to pack	0.67	Deep to water	1.00
400C:		Depth to bedrock	0.01	Thin layer	0.15		
	85	Somewhat Limited		Somewhat Limited		Very Limited	
Schnipps	65		0.03	Hard to pack	0.67		1.00
		Seepage Depth to bedrock	0.03		0.07	Deep to water	1.00
402C:		Depth to bedrock	0.01	Thin layer	0.15		
Devaul	60	Somewhat Limited		Somewhat Limited		Very Limited	
Devaul	00	Seepage	0.03	Thin layer	0.01	Deep to water	1.00
	-	Depth to bedrock	0.03	Content of large stones	0.01	Deep to water	1.00
Schnipps	30	Somewhat Limited	0.01	Somewhat Limited	0.01		-
Seninpps	50	Slope	0.03	Hard to pack	0.67	Very Limited	
			0.03	Thin layer	0.07	Deep to water	1.00
		Seepage Depth to bedrock	0.03		0.15	Deep to water	1.00
410D:		Depth to bedrock	0.01				
Drakce	65	Somewhat Limited		Somewhat Limited		Very Limited	
Diakce	0.5	Slope	0.50	Thin layer	0.70	Deep to water	1.00
		Depth to bedrock	0.00	Content of large stones	0.70		1.00
Rock Outcrop	20	Not Rated	0.01	Not Rated	0.23	Not Rated	
<b>500C:</b>	20		1		1	not Kattu	
Mound	40	Somewhat Limited		Somewhat Limited		Very Limited	
mound	40	Slope	0.12	Thin layer	0.37	Deep to water	1.00
		Depth to bedrock	0.12	Content of large stones	0.20		1.00
Royst	30	Somewhat Limited	0.01	Somewhat Limited	0.20	Very Limited	
Noyou	50	Depth to bedrock	0.26	Thin layer	0.56	Deep to water	1.00
		Slope	0.20	Content of large stones	0.14		1.00
Rock Outcrop	15	Not Rated	0.12	Not Rated	0.17	Not Rated	
505D:	15	100 1000	1	1101 Mateu	1	1101 Ruitu	
Menbo	40	Somewhat Limited		Somewhat Limited		Very Limited	
	40	Slope	0.97	Thin layer	0.91	Deep to water	1.00
		Depth to bedrock	0.97	Content of large stones	0.91		1.00
Drakce	25	Somewhat Limited	0.71	Somewhat Limited	0.40	Very Limited	
DIAKC	2.5	Slope	0.97	Content of large stones	0.70	Deep to water	1.00
		Depth to bedrock	0.97	Thin layer	0.70		1.00
	20	Not Rated	0.29	Not Rated	0.29	Not Rated	

Map Symbol	% of	Pond Reservoir Areas		Embankments, Dikes, &	k Levies	Aquifer-fed Excavate	d Ponds
and Soil Name	Map	Rating Class and	Value	Rating Class and	Value	Rating Class and	Value
	Unit	Limiting Features	value	Limiting Features	value	Limiting Features	value
510B:							
Schnipps, moist	45	Somewhat Limited		Somewhat Limited		Very Limited	
		Seepage	0.03	Hard to pack	0.67	Deep to water	1.00
		Depth to bedrock	0.01	Thin layer	0.13		
Norcross, wooded	40	Somewhat Limited		Very Limited		Very limited	
		Depth to cemented pan	1.00	Hard to pack	1.00	Deep to water	1.00
		Depth to bedrock	0.83	Thin layer	1.00		
515B:	1	T				I	
Bumpheads, moist	35	Somewhat Limited		Somewhat Limited		Very Limited	
		Seepage	0.03	Thin layer	0.74	Deep to water	1.00
		Depth to bedrock	0.01	Hard to pack	0.40		
				Content of large stones	0.01		
Mound	30	Somewhat Limited		Somewhat Limited		Very Limited	
	-	Depth to bedrock	0.01	Thin layer	0.37	Deep to water	1.00
				Content of large stones	0.20		
Norcross, wooded	25	Somewhat Limited		Very Limited		Very limited	
		Depth to cemented pan	1.00	Hard to pack	1.00	Deep to water	1.00
<b>54 5 5</b>		Depth to bedrock	0.83	Thin layer	1.00		
517B:	· · ·						
Bumpheads	40	Somewhat Limited		Somewhat Limited		Very limited	
		Depth to bedrock	0.56	Thin layer	0.74	Deep to water	1.00
		Seepage	0.03	Hard to pack	0.40		
				Content of large stones	0.01		
Mound	30	Somewhat Limited		Somewhat Limited		Very Limited	
		Depth to bedrock	0.01	Thin layer	0.37	Deep to water	1.00
				Content of large stones	0.20		
Norcross, wooded	20	Somewhat Limited		Very Limited		Very limited	
		Depth to cemented pan	1.00	Hard to pack	1.00	Deep to water	1.00
		Depth to bedrock	0.83	Thin layer	1.00		
520B:						T	
Mound	45	Somewhat Limited		Somewhat Limited		Very Limited	
		Depth to bedrock	0.01	Thin layer	0.37	Deep to water	1.00
				Content of large stones	0.20		
Benhall	40	Somewhat Limited		Somewhat Limited		Very Limited	
		Seepage	0.43	Thin layer	0.56	Deep to water	1.00
		Depth to bedrock	0.02	Piping	0.08		
525C:							
Mound	85	Somewhat Limited		Somewhat Limited		Very Limited	
		Slope	0.21	Thin layer	0.37	Deep to water	1.00
		Depth to bedrock	0.01	Content of large stones	0.20		
530B:		1					
Benhall, moist	45	Somewhat Limited		Somewhat Limited		Very Limited	
		Seepage	0.43	Thin layer	0.56	Deep to water	1.00
		Depth to bedrock	0.02	Piping	0.08		
Mound, moist	40	Somewhat Limited		Somewhat Limited		Very Limited	
	<u> </u>	Depth to bedrock	0.01	Thin layer	0.37	Deep to water	1.00
				Content of large stones	0.20		
532B:	1	1	1	1	1	1	
Tallboy	85	Somewhat Limited		Somewhat Limited		Very Limited	
		Seepage	0.05	Hard to pack	0.37	Deep to water	1.00
		Depth to bedrock	0.01	Thin layer	0.22		
533C:	1	1		1		1	
Benhall, moist	45	Somewhat Limited		Somewhat Limited		Very Limited	
		Seepage	0.43	Thin layer	0.56	Deep to water	1.00
		Slope	0.28	Piping	0.08		
		Depth to bedrock	0.02				
Mound, moist	40	Somewhat Limited		Somewhat Limited		Very Limited	
		Slope	0.28	Thin layer	0.37	Deep to water	1.00
· · · · · · · · · · · · · · · · · · ·		Depth to bedrock	0.01	Content of large stones	0.20		

Map Symbol	% of	Pond Reservoir Areas		Embankments, Dikes, &	z Levies	Aquifer-fed Excavated	i Ponds
and Soil Name	Map	Rating Class and	Value	Rating Class and	Value	Rating Class and	Value
	Unit	Limiting Features	value	Limiting Features	value	Limiting Features	value
540C:				1		1	
Schnipps, moist	60	Somewhat Limited		Somewhat Limited		Very Limited	
		Slope	0.03	Hard to pack	0.67	Deep to water	1.00
		Seepage	0.03	Thin layer	0.13		
		Depth to bedrock	0.01				
Mound	25	Somewhat Limited		Somewhat Limited		Very Limited	
		Depth to bedrock	0.01	Thin layer	0.37	Deep to water	1.00
				Content of large stones	0.20		
542B:							
Grohs	45	Somewhat Limited		Somewhat Limited		Very Limited	
		Depth to bedrock	0.96	Thin layer	0.99	Deep to water	1.00
		1		Hard to pack	0.97	1	
Carrbutte	40	Somewhat Limited		Somewhat Limited		Very Limited	
cuircuite		Seepage	0.03	Hard to pack	0.83	Deep to water	1.00
		Depth to bedrock	0.01	Thin layer	0.42	Deep to water	1.00
			0.01	Content of large stones	0.42		
543B:				Content of large stones	0.25		
Carrbutte	85	Somewhat Limited		Somewhat Limited		Very Limited	
Carroutte	65	Seepage	0.03	Hard to pack	0.83		1.00
		Depth to bedrock	0.03	Thin layer	0.83	Deep to water	1.00
		Depth to bedrock	0.01				
				Content of large stones	0.25		
550C:	05		1		1	TT T	
Menbo	85	Somewhat Limited	0.01	Somewhat Limited	0.04	Very Limited	1.00
		Depth to bedrock	0.91	Thin layer	0.91	Deep to water	1.00
		Slope	0.64	Content of large stones	0.40		
560C:						1	
Drakce	45	Somewhat Limited		Somewhat Limited		Very Limited	
		Depth to bedrock	0.29	Content of large stones	0.70	Deep to water	1.00
		Slope	0.28	Thin layer	0.29		
Dranket	40	Somewhat Limited		Somewhat Limited		Very Limited	
		Depth to cemented pan	0.96	Hard to pack	0.97	Deep to water	1.00
		Depth to bedrock	0.91	Thin layer	0.96		
600A:							
Boulder Lake	55	Not limited		Very limited		Somewhat Limited	
				Ponding	1.00	Slow refill	0.99
				Depth to saturated zone	1.00	Cutbanks cave	0.10
				Hard to pack	0.71		
Hippyjim	35	Somewhat limited		Very limited		Very limited	
		Depth to bedrock	0.01	Ponding	1.00	Slow refill	1.00
			0.01	Depth to saturated zone	1.00	Cutbanks cave	0.10
				Hard to pack	1.00	Cutounks cuve	0.10
				Thin layer	0.19		
602A:	1		1	1 min layer	0.17	1	I
	05	Not limited		Very limited	1	Somewhat Limited	
Boulder Lake	85	Not limited			1.00	Somewhat Limited	0.00
				Ponding	1.00	Slow refill	0.99
				Depth to saturated zone	1.00	Cutbanks cave	0.10
<0 <b>.</b> 1				Hard to pack	0.71		
605A:	4-	NT (11 1) 1	1	37 1 1 1	1		
Boulder Lake	45	Not limited	ļ	Very limited		Somewhat Limited	
	-			Ponding	1.00	Slow refill	0.99
				Depth to saturated zone	1.00	Cutbanks cave	0.10
				Hard to pack	0.71		
Cressler	40	Somewhat limited		Very limited		Somewhat Limited	
		Seepage	0.05	Ponding	1.00	Slow refill	0.95
				Depth to saturated zone	1.00	Cutbanks cave	0.10
610A:							
Hippyjim	85	Somewhat limited		Very limited		Very limited	
		Depth to bedrock	0.01	Ponding	1.00	Slow refill	1.00
				Depth to saturated zone	1.00	Cutbanks cave	0.10
		1		Hard to pack	1.00	- stoume ou to	0.10

Man Symbol	% of	<b>Pond Reservoir Areas</b>		Embankments, Dikes, &	: Levies	Aquifer-fed Excavated	Ponds
Map Symbol and Soil Name	Map Unit	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
615A:							
Olene	45	Somewhat limited		Very limited		Very limited	
		Depth to bedrock	0.01	Ponding	1.00	Cutbanks cave	1.00
				Depth to saturated zone	1.00	Slow refill	1.00
				Hard to pack	1.00		
				Thin layer	0.06		
Boulderlake	40	Not limited		Very limited		Somewhat Limited	
				Ponding	1.00	Slow refill	0.99
				Depth to saturated zone	1.00	Cutbanks cave	0.10
				Hard to pack	0.71		

## Table 11. – ENGINEERING INDEX PROPERTIES

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

Map symbol	Depth	USDA texture	Classifica		Fragm		Percenta	ge passing		ber	Liquid	Plasticity
and soil name	(inches)		Unified	AASHTO	>10"	3-10"	4	10	40	200	limit (%)	index
300A:				1								
Norcross	0-3	Very cobbly ashy loam	GC	A-6, A-7	5-15	25-35	60-75	55-70	50-65	40-50	40-50	20-25
	3-6	Cobbly ashy clay loam, very cobbly ashy clay loam, very cobbly ashy loam, cobbly ashy loam	CL, SC	A-7, A-6	0-10	15-25	65-90	60-85	55-80	40-65	40-50	20-30
	6-10	Ashy clay loam, cobbly ashy clay loam, clay, cobbly clay	СН	A-7	0-5	0-25	85-100	80-100	70-100	55-100	50-60	30-40
	10-18	Clay, cobbly clay	CH	A-7	0-5	0-15	85-100	80-100	70-100	70-90	55-70	35-45
	18-20	Clay	CH	A-7	0	0-10	100	95-100	90-100	85-95	60-75	35-50
	20-31	Duripan										
	31-35	Unweathered bedrock										
310A:												
Norcross, wooded	0-3	Extremely cobbly ashy loam	GC	A-7, A-6	10-20	20-45	50-55	45-50	40-50	30-40	40-45	20-25
	3-6	Cobbly ashy clay loam, very cobbly ashy clay loam, very cobbly ashy loam, cobbly ashy loam	CL, SC	A-6, A-7	0-10	15-25	65-90	60-85	55-80	40-65	40-50	20-30
	6-10	Ashy clay loam, cobbly ashy clay loam, clay, cobbly clay	СН	A-7	0-5	0-25	85-100	80-100	70-100	55-100	50-60	30-40
	10-18	Clay, cobbly clay	СН	A-7	0-5	0-15	85-100	80-100	70-100	70-90	55-70	35-45
	18-20	Clay	CH	A-7	0	0-10	100	95-100	90-100	85-95	60-75	35-50
	20-31	Duripan										
	31-35	Unweathered bedrock										
Dranket	0-2	Very cobbly loam	GC	A-2-6, A-7	0-5	20-30	50-70	45-65	40-55	30-45	40-45	20
	2-8	Cobbly loam, cobbly clay loam, very cobbly loam, very cobbly clay loam	SC, CL, GC	A-6, A-7	0-10	10-30	60-90	50-80	45-75	40-65	40-50	20-30
	8-15	clay loam, cobbly clay loam, very cobbly clay loam	СН	A-7	0-10	5-25	75-95	70-90	65-85	50-70	50-55	25-35
	15-23	Clay, cobbly clay	CH	A-7	0	0-10	85-100	80-100	75-100	65-95	55-70	35-45
	23-25	Clay, gravelly clay	СН	A-7	0	0	75-100	70-100	70-100	60-90	60-75	40-50
	25-28	Duripan										
	28-32	Unweathered bedrock										

Map symbol	Depth	USDA texture	Classifica	ation	Fragm		Percenta	ge passing	sieve num	ber	Liquid	Plasticity
and soil name	(inches)		Unified	AASHTO	>10"	3-10"	4	10	40	200	limit (%)	index
Norcross	0-3	Very cobbly ashy loam	GC	A-6, A-7	5-15	25-35	60-75	55-70	50-65	40-50	40-50	20-25
	3-6	Cobbly ashy clay loam, very cobbly ashy clay loam, very cobbly ashy loam, cobbly ashy loam	CL, SC	A-6, A-7	0-10	15-25	65-90	60-85	55-80	40-65	40-50	20-30
	6-10	Ashy clay loam, cobbly ashy clay loam, clay, cobbly clay	СН	A-7	0-5	0-25	85-100	80-100	70-100	55-100	50-60	30-40
	10-18	Clay, cobbly clay	CH	A-7	0-5	0-15	85-100	80-100	70-100	70-90	55-70	35-45
	18-20	Clay	CH	A-7	0	0-10	100	95-100	90-100	85-95	60-75	35-50
	20-31	Duripan										
	31-35											
312A:		•		•	•							
Norcross, wooded	0-3	Extremely cobbly ashy loam			10-20	35-45	50-55	45-50	40-50	30-40	40-45	20-25
	3-6	Cobbly ashy clay loam, very cobbly ashy clay loam, very cobbly ashy loam, cobbly ashy loam	CL, SC	A-6, A-7	0-10	15-25	65-90	60-85	55-80	40-65	40-50	20-30
	6-10	Ashy clay loam, cobbly ashy clay loam, clay, cobbly clay	СН	A-7	0-5	0-25	85-100	80-100	70-100	55-100	50-60	30-40
	10-18	Clay, cobbly clay	CH	A-7	0-5	0-15	85-100	80-100	70-100	70-90	55-70	35-45
	18-20	Clay	CH	A-7	0	0-10	100	95-100	90-100	85-95	60-75	35-50
	20-31	Duripan										
	31-35	Unweathered bedrock										
Dranket	0-2	Very cobbly loam	GC	A-2-6, A-7	0-5	20-30	50-70	45-65	40-55	30-45	40-45	20
	2-8	Cobbly loam, cobbly clay loam, very cobbly loam, very cobbly clay loam	SC, CL, GC	A-6, A-7	0-10	10-30	60-90	50-80	45-75	40-65	40-50	20-30
	8-15	clay loam, cobbly clay loam, very cobbly clay loam	СН	A-7	0-10	5-25	75-95	70-90	65-85	50-70	50-55	25-35
	15-23	Clay, cobbly clay	CH	A-7	0	0-10	85-100	80-100	75-100	65-95	55-70	35-45
	23-25	Clay, gravelly clay	CH	A-7	0	0	75-100	70-100	70-100	60-90	60-75	40-50
	25-28	Duripan										
	28-32	Unweathered bedrock										

Map symbol	Depth	USDA texture	Classifica	tion	Fragm	ents	Percenta	ge passing	sieve num	ber	Liquid	Plasticity
and soil name	(inches)		Unified	AASHTO	>10"	3-10"	4	10	40	200	limit (%)	index
320A:		•							1			•
Pankeybasin	0-2	Loam	CL	A-6	0	0-5	95-100	90-95	75-85	55-75	35-40	15-20
·	2-7	Gravelly loam, cobbly loam, cobbly clay loam	CL,GC, SC	A-7	0-10	10-20	70-90	65-85	60-80	45-65	40-50	20-25
	7-11	Clay loam, cobbly clay loam	СН	A-7	0	5-15	80-100	75-95	70-90	55-75	50-55	25-35
	11-19	Clay, cobbly clay	СН	A-7	0-5	5-15	90-100	80-100	75-95	70-90	70-75	45-50
	19-23	Clay	CH	A-7	0	0-5	95-100	90-100	80-100	70-90	55-65	35-40
	23-32	Duripan										
	32-65	Duripan										
330B:												
Casebeer	0-2	Very cobbly loam	GC	A-6, A-7	0-20	20-35	60-70	55-65	50-60	40-45	40-45	20-25
	2-5	Cobbly clay loam, very cobbly clay loam	CL	A-7	0-15	10-25	65-95	60-90	60-90	40-70	45-50	25-30
	5-8	Clay loam, clay, cobbly clay loam, cobbly clay	СН	A-7	0-5	0-15	80-100	75-100	75-100	65-90	50-60	30-35
	8-12	Clay loam, clay, cobbly clay	СН	A-7	0-5	0-15	80-100	80-100	75-100	65-90	55-75	30-50
	12-14	Clay, cobbly clay	СН	A-7	0-5	0-15	80-100	80-100	75-95	70-95	60-75	35-50
	14-26	Duripan										
	26-30	Duripan										
	30-60	Unweathered bedrock										
Norcross	0-3	Very cobbly ashy loam			5-15	25-35	60-75	55-70	50-65	40-50	40-50	20-25
	3-6	Cobbly ashy clay loam, very cobbly ashy clay loam, very cobbly ashy loam, cobbly ashy loam	CL, SC	A-6, A-7	0-10	15-25	65-90	60-85	55-80	40-65	40-50	20-30
	6-10	Ashy clay loam, cobbly ashy clay loam, clay, cobbly clay	СН	A-7	0-5	0-25	85-100	80-100	70-100	55-100	50-60	30-40
	10-18	Clay, cobbly clay	CH	A-7	0-5	0-15	85-100	80-100	70-100	70-90	55-70	35-45
	18-20	Clay	CH	A-7	0	0-10	100	95-100	90-100	85-95	60-75	35-50
	20-31	Duripan										
	31-35	Unweathered bedrock										

Map symbol	Depth	USDA texture	Classifica	ntion	Fragm		Percenta	ge passing	sieve num	ber	Liquid	Plasticity
and soil name	(inches)		Unified	AASHTO	>10"	3-10"	4	10	40	200	limit (%)	index
Dranket	0-2	Very stony loam	GC, SC	A-2-7, A-7	15-25	15-30	60-75	55-70	50-65	30-45	40-45	20
		Cobbly loam, cobbly										
	2-8	clay loam, very cobbly loam, very cobbly clay loam	SC, CL, GC	A-6, A-7	0-10	10-30	60-90	50-80	45-75	40-65	40-50	20-30
	8-15	Clay loam, cobbly clay loam, very cobbly clay loam	СН	A-7	0-10	5-25	75-95	70-90	65-85	50-70	50-55	25-35
	15-23	Clay, cobbly clay	СН	A-7	0	0-10	85-100	80-100	75-100	65-95	55-70	35-45
	23-25	Clay, gravelly clay	СН	A-7	0	0	75-100	70-100	70-100	60-90	60-75	40-50
	25-28	Duripan										
	28-32	Unweathered bedrock										
331B:	•	·	•		•	•	•	•	•	•	•	
Norcross	0-3	Very cobbly ashy loam			5-15	25-35	60-75	55-70	50-65	40-50	40-50	20-25
	3-6	Cobbly ashy clay loam, very cobbly ashy clay loam, very cobbly ashy loam, cobbly ashy loam	CL, SC	A-6, A-7	0-10	15-25	65-90	60-85	55-80	40-65	40-50	20-30
	6-10	Ashy clay loam, cobbly ashy clay loam, clay, cobbly clay	СН	A-7	0-5	0-25	85-100	80-100	70-100	55-100	50-60	30-40
	10-18	Clay, cobbly clay	СН	A-7	0-5	0-15	85-100	80-100	70-100	70-90	55-70	35-45
	18-20	Clay	СН	A-7	0	0-10	100	95-100	90-100	85-95	60-75	35-50
	20-31	Duripan										
	31-35	Unweathered bedrock										
Dranket	0-2	Very cobbly loam	GC	A-2-6, A-7	0-5	20-30	50-70	45-65	40-55	30-45	40-45	20
	2-8	Cobbly loam, cobbly clay loam, very cobbly loam, very cobbly clay loam	SC, CL, GC	A-6, A-7	0-10	10-30	60-90	50-80	45-75	40-65	40-50	20-30
	8-15	Clay loam, cobbly clay loam, very cobbly clay loam	СН	A-7	0-10	5-25	75-95	70-90	65-85	50-70	50-55	25-35
	15-23	Clay, cobbly clay	CH	A-7	0	0-10	85-100	80-100	75-100	65-95	55-70	35-45
	23-25	Clay, gravelly clay	СН	A-7	0	0	75-100	70-100	70-100	60-90	60-75	40-50
	25-28	Duripan										
	28-32	Unweathered bedrock										

Map symbol	Depth	USDA texture	Classifica	ation	Fragm		Percenta	ge passing	sieve num	ber	Liquid	Plasticity
and soil name	(inches)		Unified	AASHTO	>10"	3-10"	4	10	40	200	limit (%)	index
Casebeer	0-2	Very cobbly loam	GC	A-6, A-7	0-20	20-35	60-70	55-65	50-60	40-45	40-45	20-25
	2-5	Cobbly clay loam, very cobbly clay loam	CL	A-7	0-15	10-25	65-95	60-90	60-90	40-70	45-50	25-30
	5-8	Clay loam, clay, cobbly clay loam, cobbly clay	СН	A-7	0-5	0-15	80-100	75-100	75-100	65-90	50-60	30-35
	8-12	Clay loam, clay, cobbly clay	СН	A-7	0-5	0-15	80-100	80-100	75-100	65-90	55-75	30-50
	12-14	Clay, cobbly clay	СН	A-7	0-5	0-15	80-100	80-100	75-95	70-95	60-75	35-50
	14-26	Duripan										
	26-30	Duripan										
	30-60	Unweathered bedrock										
335B:												
Norcross	0-3	Very cobbly ashy loam	GS	A-6, A-7	5-15	25-35	60-75	55-70	50-65	40-50	40-50	20-25
	3-6	Cobbly ashy clay loam, very cobbly ashy clay loam, very cobbly ashy loam, cobbly ashy loam	CL, SC	A-6, A-7	0-10	15-25	65-90	60-85	55-80	40-65	40-50	20-30
	6-10	Ashy clay loam, cobbly ashy clay loam, clay, cobbly clay	СН	A-7	0-5	0-25	85-100	80-100	70-100	55-100	50-60	30-40
	10-18	Clay, cobbly clay	CH	A-7	0-5	0-15	85-100	80-100	70-100	70-90	55-70	35-45
	18-20	Clay	CH	A-7	0	0-10	100	95-100	90-100	85-95	60-75	35-50
	20-31	Duripan										
	31-35	Unweathered bedrock										
Casebeer	0-2	Extremely cobbly loam	GC	A-2-6, A-2-7	10	30-45	40-50	35-45	30-40	25-30	40-45	20-25
	2-5	Cobbly clay loam, very cobbly clay loam	CL	A-7	0-15	10-25	65-95	60-90	60-90	40-70	45-50	25-30
	5-8	Clay loam, clay, cobbly clay loam, cobbly clay	СН	A-7	0-5	0-15	80-100	75-100	75-100	65-90	50-60	30-35
	8-12	Clay loam, clay, cobbly clay	СН	A-7	0-5	0-15	80-100	80-100	75-100	65-90	55-75	30-50
	12-14	Clay, cobbly clay	СН	A-7	0-5	0-15	80-100	80-100	75-95	70-95	60-75	35-50
	14-26	Duripan										
	26-30	Duripan										
	30-60	Unweathered bedrock										

Map symbol	Depth	USDA texture	Classifica		Fragm		Percenta	ge passing	sieve num	ber	Liquid	Plasticity
and soil name	(inches)		Unified	AASHTO	>10"	3-10"	4	10	40	200	limit (%)	index
340A:		L		•								
Norcross	0-3	Very cobbly ashy loam			5-15	25-35	60-75	55-70	50-65	40-50	40-50	20-25
	3-6	Cobbly ashy clay loam, very cobbly ashy clay loam, very cobbly ashy loam, cobbly ashy loam	CL, SC	A-6, A-7	0-10	15-25	65-90	60-85	55-80	40-65	40-50	20-30
	6-10	Ashy clay loam, cobbly ashy clay loam, clay, cobbly clay	СН	A-7	0-5	0-25	85-100	80-100	70-100	55-100	50-60	30-40
	10-18	Clay, cobbly clay	CH	A-7	0-5	0-15	85-100	80-100	70-100	70-90	55-70	35-45
	18-20	Clay	CH	A-7	0	0-10	100	95-100	90-100	85-95	60-75	35-50
	20-31	Duripan										
	31-35	Unweathered bedrock										
Casebeer	0-2	Very cobbly loam	GC	A-6, A-7	0-20	20-35	60-70	55-65	50-60	40-45	40-45	20-25
	2-5	Cobbly clay loam, very cobbly clay loam	CL	A-7	0-15	10-25	65-95	60-90	60-90	40-70	45-50	25-30
	5-8	Clay loam, clay, cobbly clay loam, cobbly clay	СН	A-7	0-5	0-15	80-100	75-100	75-100	65-90	50-60	30-35
	8-12	Clay loam, clay, cobbly clay	СН	A-7	0-5	0-15	80-100	80-100	75-100	65-90	55-75	30-50
	12-14	Clay, cobbly clay	CH	A-7	0-5	0-15	80-100	80-100	75-95	70-95	60-75	35-50
	14-26	Duripan										
	26-30	Duripan										
	30-60	Unweathered bedrock										
342A:				•								
Casebeer	0-2	Very stony loam	GC	A-6, A-7	20-30	15-30	60-75	55-70	50-65	40-50	40-45	20-25
	2-5	Cobbly clay loam, very cobbly clay loam	CL	A-7	0-15	10-25	65-95	60-90	60-90	40-70	45-50	25-30
	5-8	Clay loam, clay, cobbly clay loam, cobbly clay	СН	A-7	0-5	0-15	80-100	75-100	75-100	65-90	50-60	30-35
	8-12	Clay loam, clay, cobbly clay	СН	A-7	0-5	0-15	80-100	80-100	75-100	65-90	55-75	30-50
	12-14	Clay, cobbly clay	СН	A-7	0-5	0-15	80-100	80-100	75-95	70-95	60-75	35-50
	14-26	Duripan										
	26-30	Duripan										
	30-60	Unweathered bedrock										

Map symbol and	Depth	USDA texture	Classifica		Fragm		Percenta	ge passing	sieve num	ber	Liquid	Plasticity
soil name	(inches)		Unified	AASHTO	>10"	3-10"	4	10	40	200	limit (%)	index
343A:		•		•								
Jennett	0-2	Loam	CL	A-6, A-7	0	0	100	100	85-95	60-75	35-45	15-25
	2-8	Silt loam	CL	A-6, A-7	0	0	100	100	90-100	70-90	35-45	15-25
	8-13	Clay loam, silty clay loam	СН	A-7	0	0	100	100	90-100	77-95	50-55	25-35
	13-21	Clay loam, silty clay loam, clay	СН	A-7	0	0	100	100	90-100	75-95	50-70	25-45
	21-36	Duripan										
	36-62	Duripan										
344A:												
Norcross, ponded	0-3	Very cobbly ashy loam	GC	A-6, A-7	5-15	25-35	60-75	55-70	50-65	40-50	40-50	20-25
	3-6	Cobbly ashy clay loam, very cobbly ashy clay loam, very cobbly ashy loam, cobbly ashy loam	CL, SC	A-6, A-7	0-10	15-25	65-90	60-85	55-80	40-65	40-50	20-30
	6-10	Ashy clay loam, cobbly ashy clay loam, clay, cobbly clay	СН	A-7	0-5	0-25	85-100	80-100	70-100	55-100	50-60	30-40
	10-18	Clay, cobbly clay	СН	A-7	0-5	0-15	85-100	80-100	70-100	70-90	55-70	35-45
	18-20	Clay	СН	A-7	0	0-10	100	95-100	90-100	85-95	60-75	35-50
	20-31	Duripan										
	31-35	Unweathered bedrock										
Boulderlake	0-4	Silt loam	CL	A-6, A-7	0	0	100	100	90-100	70-90	40-45	20-25
	4-12	Silty clay loam	CH, CL	A-7	0	0	100	100	95-100	85-95	40-55	20-35
	12-38	Silty clay, clay	CH	A-7	0	0	100	100	90-100	75-95	55-75	35-50
	38-65	Silty clay loam, clay loam	CL, CH	A-6, A-7	0	0	100	100	90-100	75-95	40-55	20-35
Jennett	0-2	Loam	CL	A-6, A-7	0	0	100	100	85-95	60-75	35-45	15-25
	2-8	Silt loam	CL	A-6, A-7	0	0	100	100	90-100	70-90	35-45	15-25
	8-13	Clay loam, silty clay loam	СН	A-7	0	0	100	100	90-100	77-95	50-55	25-35
	13-21	Clay loam, silty clay loam, clay	СН	A-7	0	0	100	100	90-100	75-95	50-70	25-45
	21-36	Duripan										
	36-62	Duripan										

Map symbol and	Depth	USDA texture	Classifica		Fragm		Percenta	ge passing	sieve num	ber	Liquid	Plasticity
soil name	(inches)		Unified	AASHTO	>10"	3-10"	4	10	40	200	limit (%)	index
345A:		•	1	•		•						
Casebeer	0-2	Very cobbly loam	GC	A-6, A-7	20-30	15-30	60-75	55-70	50-65	40-50	40-45	20-25
	2-5	Cobbly clay loam, very cobbly clay loam	CL	A-7	0-15	10-25	65-95	60-90	60-90	40-70	45-50	25-30
	5-8	Clay loam, clay, cobbly clay loam, cobbly clay	СН	A-7	0-5	0-15	80-100	75-100	75-100	65-90	50-60	30-35
	8-12	Clay loam, clay, cobbly clay	СН	A-7	0-5	0-15	80-100	80-100	75-100	65-90	55-75	30-50
	12-14	Clay, cobbly clay	CH	A-7	0-5	0-15	80-100	80-100	75-95	70-95	60-75	35-50
	14-26	Duripan										
	26-30	Duripan										
	30-60	Unweathered bedrock										
Pankeybasin, stony	0-2	Very cobbly loam	CL, GC	A-6	0-15	20-30	60-75	55-70	50-65	35-50	35-40	15-20
	2-7	Gravelly loam, cobbly loam, cobbly clay loam	CL,GC, SC	A-7	0-10	10-20	70-90	65-85	60-80	45-65	40-50	20-25
	7-11	Clay loam, cobbly clay loam	СН	A-7	0	5-15	80-100	75-95	70-90	55-75	50-55	25-35
	11-19	Clay, cobbly clay	CH	A-7	0-5	5-15	90-100	80-100	75-95	70-90	70-75	45-50
	19-23	Clay	CH	A-7	0	0-5	95-100	90-100	80-100	70-90	55-65	35-40
	23-32	Duripan										
	32-65	Duripan										
350B:		·										
Woolencanyon	0-2	Very stony clay loam	CL	A-7	15-30	25-45	80-95	75-90	60-80	50-75	45-50	25
	2-5	Cobbly clay loam, clay, cobbly clay	СН	A-7	0-5	10-30	80-100	80-90	65-85	60-85	50-60	25-35
	5-12	Clay, cobbly clay	СН	A-7	0	0-15	85-100	85-100	80-100	70-90	65-75	40-50
	12-18	Duripan										
	19-23	Unweathered bedrock										
Notchcorral	0-3	Very cobbly loam	GC	A-6, A-7	0-10	20-30	65=75	60-70	50-65	35-50	40-45	20-25
INOICIICOITAI	3-6	Gravelly clay loam, cobbly clay loam	CL, CH	A-7	0-10	10-30	75-95	70-90	65-85	50-70	45-55	25-35
	6-11	Clay	СН	A-7	0	0-5	100	95-100	90-100	85-95	55-65	35-40
	11-22	Clay	СН	A-7	0	0	100	100	90-100	75-95	70-75	45-50
	22-31	Duripan										
	31-50	Duripan	1									
	50-60	Unweathered bedrock										

Map symbol and	Depth	USDA texture	Classifica	tion	Fragm		Percenta	ge passing	sieve num	ber	Liquid	Plasticity
soil name	(inches)		Unified	AASHTO	>10"	3-10"	4	10	40	200	limit (%)	index
Devaul	0-3	Cobbly loam	SC, CL	A-6	0-5	15-25	75-85	70-80	60-75	40-60	30-35	10-15
	3-12	Cobbly loam	SC, CL	A-6	0-5	15-25	75-85	70-80	60-75	40-60	30-35	10-15
	12-18	Cobbly clay loam	CL	A-6, A-7	0-5	15-25	75-85	70-80	65-80	50-65	35-45	15-20
	18-33	Very cobbly clay loam	GC	A-7	0-5	25-30	55-70	50-65	45-65	35-50	40-50	20-25
	33-42	Very cobbly clay loam	GC	A-7	0-5	25-30	55-70	50-65	45-65	35-50	40-50	20-25
	42-56	Very cobbly clay loam	GC	A-7	0-5	25-30	55-70	50-65	45-65	35-50	40-50	20-25
	56-66	Weathered bedrock										
Norcross, wooded	0-3	Extremely cobbly ashy loam			10-20	35-45	50-55	45-50	40-50	30-40	40-45	20-25
	3-6	Cobbly ashy clay loam, very cobbly ashy clay loam, very cobbly ashy loam, cobbly ashy loam	CL, SC	A-6, A-7	0-10	15-25	65-90	60-85	55-80	40-65	40-50	20-30
	6-10	Ashy clay loam, cobbly ashy clay loam, clay, cobbly clay	СН	A-7	0-5	0-25	85-100	80-100	70-100	55-100	50-60	30-40
	10-18	Clay, cobbly clay	СН	A-7	0-5	0-15	85-100	80-100	70-100	70-90	55-70	35-45
	18-20	Clay	СН	A-7	0	0-10	100	95-100	90-100	85-95	60-75	35-50
	20-31	Duripan										
	31-35	Unweathered bedrock										
370B:											1	
Widmer	0-3	Stony loam	CL	A-6, A-7	5-15	5-15	85-95	80-90	65-85	50-70	35-45	15-25
	3-8	Cobbly clay loam, very cobbly clay loam, cobbly clay	СН	A-7	0-5	10-30	65-85	60-80	60-80	50-70	50-60	30-40
	8-12	Clay loam, cobbly clay loam, cobbly clay	СН	A-7	0-5	0-15	80-100	75-100	70-95	55-75	50-65	30-40
	12-18	Cobbly clay, clay	CH	A-7	0-5	0-10	85-100	80-100	75-100	70-90	60-70	40-45
	18-31	Paragravelly loam	GC	A-2-7	0	0-10	40-50	30-40	25-40	20-30	40-45	20-25
	31-41	Weathered bedrock										
	41-51	Unweathered bedrock										
Lorella	0-2	Stony loam	CL, SC	A-6	0-5	0-10	80-95	75-90	60-85	40-70	30-40	10-15
	2-6	Gravelly clay loam, cobbly clay loam, very cobbly loam	CL, GC, SC, CH	A-7	0-10	5-30	55-80	50-75	45-70	35-55	45-55	25-35
	6-13	Very gravelly clay, very cobbly clay, very cobbly clay loam	GC	A-7	0-10	15-40	35-55	30-50	25-45	20-40	50-65	30-40
	13-19	Very cobbly clay	GC	A-7	0-10	15-40	35-55	30-50	25-45	20-40	50-65	30-40
	19-23	Unweathered bedrock										

Map symbol and	Depth	USDA texture	Classifica	tion	Fragm		Percenta	ge passing	sieve num	ber	Liquid	Plasticity
soil name	(inches)		Unified	AASHTO	>10"	3-10"	4	10	40	200	limit (%)	index
380C:		•										
Menbo, cool	0-4	Very stony loam	GC, GC-GM	A-2, A-6	10-30	15-30	55-75	50-70	40-60	30-50	35-50	15-25
	4-10	Gravelly loam, gravelly sandy loam, very cobbly clay loam	SC, GC	A-2	5-15	15-35	55-75	50-70	45-65	30-50	35-50	15-25
	10-20	Very gravelly clay loam, very cobbly clay, very gravelly clay, very cobbly clay loam	СН	A-2, A-7	5-15	15-35	50-70	45-65	40-60	30-50	50-65	30-40
	20-28	Very cobbly clay	GC, CH	A-7	5-15	15-35	50-70	45-65	40-60	30-60	50-65	30-40
	28-32	Unweathered bedrock										
Drakce	0-3	Very stony loam	GC, CL	A-6, A-7	15-30	15-25	65-80	60-75	50-65	35-50	35-45	15-20
	3-9	Very cobbly loam, very cobbly clay loam	GC, CL	A-7	5-15	20-30	60-75	55-70	50-70	40-55	40-50	20-30
	9-14	Cobbly clay loam, very cobbly clay loam	GC, CH	A-7	0-15	20-30	60-85	60-80	55-75	40-60	50-55	30-35
	14-21	Very cobbly clay	GC, CH	A-7	5-15	20-35	65-75	60-75	55-70	45-65	55-65	35-40
	21-44	Very cobbly clay, extremely cobbly clay	GC, CH	A-7	5-20	25-45	50-70	45-70	40-65	35-60	55-70	35-45
	44-60	Unweathered bedrock										
Rock outcrop												
390A:			-									
Teeltruc	0-15	Ashy sandy loam	SC-SM	A-2-4, A-4	0	0-10	95-100	90-100	55-70	25-40	25-30	5-10
	15-26	Ashy sandy loam	SC-SM	A-2-4, A-4	0	0-10	95-100	90-100	55-70	25-40	25-30	5-10
	26-51	Ashy sandy loam, cobbly ashy sandy loam	SC-SM	A-2-4, A-4	0-5	0-20	75-100	70-100	45-65	20-40	25-30	5-10
	51-61	Ashy sandy loam	SC-SM	A-2-4, A-4	0	0-10	95-100	90-100	55-70	25-40	25-30	5-10
	61-65	Unweathered bedrock										
392B:												
Teeltruc	0-15	Ashy sandy loam	SC-SM	A-2-4, A-4	0	0-10	95-100	90-100	55-70	25-40	25-30	5-10
	15-26	Ashy sandy loam	SC-SM	A-2-4, A-4	0	0-10	95-100	90-100	55-70	25-40	25-30	5-10
	26-51	Ashy sandy loam, cobbly ashy sandy loam	SC-SM	A-2-4, A-4	0-5	0-20	75-100	70-100	45-65	20-40	25-30	5-10
	51-61	Ashy sandy loam	SC-SM	A-2-4, A-4	0	0-10	95-100	90-100	55-70	25-40	25-30	5-10
	61-65	Unweathered bedrock										

Map symbol and	Depth	USDA texture	Classifica	ation	Fragm	ents	Percenta	ge passing	sieve num	ber	Liquid	Plasticity
soil name	(inches)		Unified	AASHTO	>10"	3-10"	4	10	40	200	limit (%)	index
380C:	•			•								
Menbo, cool	0-4	Very stony loam	GC, GC-GM	A-2, A-6	10-30	15-30	55-75	50-70	40-60	30-50	35-50	15-25
	4-10	Gravelly loam, gravelly sandy loam, very cobbly clay loam	SC, GC	A-2	5-15	15-35	55-75	50-70	45-65	30-50	35-50	15-25
	10-20	Very gravelly clay loam, very cobbly clay, very gravelly clay, very cobbly clay loam	СН	A-2, A-7	5-15	15-35	50-70	45-65	40-60	30-50	50-65	30-40
	20-28	Very cobbly clay	GC, CH	A-7	5-15	15-35	50-70	45-65	40-60	30-60	50-65	30-40
	28-32	Unweathered bedrock										
Drakce	0-3	Very stony loam	GC, CL	A-6, A-7	15-30	15-25	65-80	60-75	50-65	35-50	35-45	15-20
	3-9	Very cobbly loam, very cobbly clay loam	GC, CL	A-7	5-15	20-30	60-75	55-70	50-70	40-55	40-50	20-30
	9-14	Cobbly clay loam, very cobbly clay loam	GC, CH	A-7	0-15	20-30	60-85	60-80	55-75	40-60	50-55	30-35
	14-21	Very cobbly clay	GC, CH	A-7	5-15	20-35	65-75	60-75	55-70	45-65	55-65	35-40
	21-44	Very cobbly clay, extremely cobbly clay	GC, CH	A-7	5-20	25-45	50-70	45-70	40-65	35-60	55-70	35-45
	44-60	Unweathered bedrock										
Rock outcrop												
390A:									-	_	-	
Teeltruc	0-15	Ashy sandy loam	SC-SM	A-2-4, A-4	0	0-10	95-100	90-100	55-70	25-40	25-30	5-10
	15-26	Ashy sandy loam	SC-SM	A-2-4, A-4	0	0-10	95-100	90-100	55-70	25-40	25-30	5-10
	26-51	Ashy sandy loam, cobbly ashy sandy loam	SC-SM	A-2-4, A-4	0-5	0-20	75-100	70-100	45-65	20-40	25-30	5-10
	51-61	Ashy sandy loam	SC-SM	A-2-4, A-4	0	0-10	95-100	90-100	55-70	25-40	25-30	5-10
	61-65	Unweathered bedrock										
392B:			1				T	T	T	-		
Teeltruc	0-15	Ashy sandy loam	SC-SM	A-2-4, A-4	0	0-10	95-100	90-100	55-70	25-40	25-30	5-10
	15-26	Ashy sandy loam	SC-SM	A-2-4, A-4	0	0-10	95-100	90-100	55-70	25-40	25-30	5-10
	26-51	Ashy sandy loam, cobbly ashy sandy loam	SC-SM	A-2-4, A-4	0-5	0-20	75-100	70-100	45-65	20-40	25-30	5-10
	51-61	Ashy sandy loam	SC-SM	A-2-4, A-4	0	0-10	95-100	90-100	55-70	25-40	25-30	5-10
	61-65	Unweathered bedrock										

Map symbol and	Depth	USDA texture	Classifica		Fragm		Percenta	ge passing	sieve num	ber	Liquid	Plasticity
soil name	(inches)		Unified	AASHTO	>10"	3-10"	4	10	40	200	limit (%)	index
Schnipps, moist	0-3	Very stony loam	SC	A-6	0-20	15-25	70-75	65-70	55-65	40-50	35-40	15-20
		Cobbly loam, cobbly										
	3-14	clay loam, very cobbly	CL, SC	A-7	0-15	5-25	65-85	60-80	55-75	40-60	40-50	20-25
		loam, stony loam										
	14-25	Cobbly clay loam, very	CH, SC,	A-7	0-10	15-25	70-90	65-85	60-80	45-65	50-55	25-35
	14-23	cobbly clay loam	GC	A-7	0-10	13-23	70-90	05-85	00-80	45-05	30-33	23-33
		Cobbly clay loam, cobbly	CH, SC,	. –	0.10			10.00				
	25-49	clay, very cobbly clay	GC GC	A-7	0-10	5-25	65-85	60-80	55-75	45-75	50-65	30-40
	49-65	loam, very cobbly clay Weathered bedrock										
400C:	49-65	weathered bedrock										
Schnipps	0-3	Cobbly loam	CL, SC	A-6	0-5	15-25	75-90	70-85	60-75	40-60	35-40	15-20
Schinpps	0-3	Cobbly loam, cobbly	CL, SC	A-0	0-3	13-23	75-90	70-85	00-73	40-00	55-40	13-20
	3-14	clay loam, very cobbly	CL, SC	A-7	0-15	5-25	65-85	60-80	55-75	40-60	40-50	20-25
	5-14	loam, stony loam	CL, SC	A-/	0-15	3-23	03-85	00-80	33-73	40-00	40-30	20-23
		Cobbly clay loam, very	CH, SC,									
	14-25	cobbly clay loam	GC	A-7	0-10	15-25	70-90	65-85	60-80	45-65	50-55	25-35
	14-23	Cobbly clay loam, cobbly										
	25-49	clay, very cobbly clay	CH, SC,	A-7	0-10	5-25	65-85	60-80	55-75	45-75	50-65	30-40
		loam, very cobbly clay	GC	,	0 10	0 20	00 00	00 00	00 10		00.00	20.10
	49-65	Weathered bedrock										
402C:												
Devaul	0-3	Cobbly loam	SC, CL	A-6	0-5	15-25	75-85	70-80	60-75	40-60	30-35	10-15
	3-12	Cobbly loam	SC, CL	A-6	0-5	15-25	75-85	70-80	60-75	40-60	30-35	10-15
	12-18	Cobbly clay loam	CL	A-6, A-7	0-5	15-25	75-85	70-80	65-80	50-65	35-45	15-20
	18-33	Very cobbly clay loam	GC	A-7	0-5	25-30	55-70	50-65	45-65	35-50	40-50	20-25
	33-42	Very cobbly clay loam	GC	A-7	0-5	25-30	55-70	50-65	45-65	35-50	40-50	20-25
	42-56	Very cobbly clay loam	GC	A-7	0-5	25-30	55-70	50-65	45-65	35-50	40-50	20-25
	56-66	Weathered bedrock										
Schnipps	0-3	Cobbly loam	CL, SC	A-6	0-5	15-25	75-90	70-85	60-75	40-60	35-40	15-20
		Cobbly loam, cobbly										
	3-14	clay loam, very cobbly	CL, SC	A-7	0-15	5-25	65-85	60-80	55-75	40-60	40-50	20-25
	5-14	loam, stony loam										
	14.25	Cobbly clay loam, very	CH, SC,	A-7	0-10	15-25	70-90	65-85	60-80	45-65	50-55	25-35
	14-25	cobbly clay loam	GC	A-/	0-10	13-23	70-90	05-85	00-80	45-05	50-55	23-33
		Cobbly clay loam, cobbly	CH, SC,									
	25-49	clay, very cobbly clay	GC	A-7	0-10	5-25	65-85	60-80	55-75	45-75	50-65	30-40
	10.65	loam, very cobbly clay										
	49-65	Weathered bedrock										

Map symbol and	Depth	USDA texture	Classifica	tion	Fragm		Percenta	ge passing	sieve num	ber	Liquid	Plasticity
soil name	(inches)		Unified	AASHTO	>10"	3-10"	4	10	40	200	limit (%)	index
410D:			•			•	•			•	•	
Drakce	0-3	Very stony loam	GC, CL	A-6, A-7	15-30	15-25	65-80	60-75	50-65	35-50	35-45	15-20
	3-9	Very cobbly loam, very cobbly clay loam	GC, CL	A-7	5-15	20-30	60-75	55-70	50-70	40-55	40-50	20-30
	9-14	Cobbly clay loam, very cobbly clay loam	GC, CH	A-7	0-15	20-30	60-85	60-80	55-75	40-60	50-55	30-35
	14-21	Very cobbly clay	GC, CH	A-7	5-15	20-35	65-75	60-75	55-70	45-65	55-65	35-40
	21-44	Very cobbly clay, extremely cobbly clay	GC, CH	A-7	5-20	25-45	50-70	45-70	40-65	35-60	55-70	35-45
	44-60	Unweathered bedrock										
Rock outcrop	0-60	Unweathered bedrock										
500C:												
Mound	0-3	Cobbly loam, stony loam, very stony loam	CL	A-6	5-25	10-20	75-95	70-90	60-80	45-65	30-40	10-20
	3-16	Very cobbly loam	CL	A-6	0-10	20-30	65-85	60-80	50-70	30-50	30-40	10-20
	16-42	Very stony clay, very cobbly clay, very cobbly clay loam, very cobbly silty clay	CH, GC, SC	A-7	0-20	20-30	65-75	60-70	50-70	40-60	50-65	30-40
	42-56	Weathered bedrock										
	56-60	Unweathered bedrock										
Royst	0-6	Cobbly loam, stony loam	SC, CL	A-6, A-7	0-10	15-25	75-95	70-90	60-80	45-65	40-45	20-25
	6-13	Cobbly clay loam	CL	A-6, A-7	0-10	15-25	75-95	70-90	60-80	45-65	40-45	20-25
	13-26	Cobbly clay loam, very gravelly clay loam, very cobbly clay loam	GC	A-7	0-15	15-35	55-75	50-70	50-70	45-65	50-55	30-35
	26-38	Very cobbly clay, very paragravelly clay	GC	A-7	0-15	15-35	50-70	45-65	45-65	30-50	55-60	35
	38-45	Weathered bedrock										
	45-60	Unweathered bedrock										
Rock outcrop	0-60	Unweathered bedrock										

Map symbol and	Depth	USDA texture	Classifica	tion	Fragm		Percenta	ge passing	sieve num	ber	Liquid	Plasticity
soil name	(inches)		Unified	AASHTO	>10"	3-10"	4	10	40	200	limit (%)	index
505D:	•		•		•						• • •	
Menbo	0-4	Very stony loam	GC, GC- GM, SC, SC-SM	A-2, A-6	10-30	15-30	55-75	50-70	40-60	30-50	35-50	15-25
	4-10	Gravelly loam, gravelly sandy loam, very cobbly clay loam	GC	A-2	5-15	15-35	55-75	50-70	45-65	30-50	35-50	15-25
	10-20	Very gravelly clay loam, very cobbly clay, very gravelly clay, very cobbly clay loam	СН	A-2, A-7	5-15	15-35	50-70	45-65	40-60	30-50	50-65	30-40
	20-28	Very cobbly clay	GC, CH	A-7	5-15	15-35	50-70	45-65	40-60	30-60	50-65	30-40
	28-32	Unweathered bedrock										
Drakce	0-3	Very stony loam	GC, CL	A-6, A-7	15-30	15-25	65-80	60-75	50-65	35-50	35-45	15-20
	3-9	Very cobbly loam, very cobbly clay loam	GC, CL	A-7	5-15	20-30	60-75	55-70	50-70	40-55	40-50	20-30
	9-14	Cobbly clay loam, very cobbly clay loam	GC, CH	A-7	0-15	20-30	60-85	60-80	55-75	40-60	50-55	30-35
	14-21	Very cobbly clay	GC, CH	A-7	5-15	20-35	65-75	60-75	55-70	45-65	55-65	35-40
	21-44	Very cobbly clay, extremely cobbly clay	GC, CH	A-7	5-20	25-45	50-70	45-70	40-65	35-60	55-70	35-45
	44-60	Unweathered bedrock										
Rock outcrop												
510B:			-		_	-	_					
Schnipps, moist	0-3	Cobbly loam	CL, SC	A-6	0-5	15-25	75-90	70-85	60-75	40-60	35-40	15-20
	3-14	Cobbly loam, cobbly clay loam, very cobbly loam, stony loam	CL, SC	A-7	0-15	5-25	65-85	60-80	55-75	40-60	40-50	20-25
	14-25	Cobbly clay loam, very cobbly clay loam	CH, SC, GC	A-7	0-10	15-25	70-90	65-85	60-80	45-65	50-55	25-35
	25-49	Cobbly clay loam, cobbly clay, very cobbly clay loam, very cobbly clay	CH, SC, GC	A-7	0-10	5-25	65-85	60-80	55-75	45-75	50-65	30-40
	49-65	Weathered bedrock										

Map symbol and	Depth	USDA texture	Classifica	ation	Fragm	ents	Percenta	ge passing	sieve num	ber	Liquid	Plasticity
soil name	(inches)		Unified	AASHTO	>10"	3-10"	4	10	40	200	limit (%)	index
Norcross, wooded	0-3	Extremely cobbly ashy loam	GC	A-6, A-7	5-15	25-35	60-75	55-70	50-65	40-50	40-45	20-25
	3-6	Cobbly ashy clay loam, very cobbly ashy clay loam, very cobbly ashy loam, cobbly ashy loam	CL, SC	A-6, A-7	0-10	15-25	65-90	60-85	55-80	40-65	40-50	20-30
	6-10	Ashy clay loam, cobbly ashy clay loam, clay, cobbly clay	СН	A-7	0-5	0-25	85-100	80-100	70-100	55-100	50-60	30-40
	10-18	Clay, cobbly clay	CH	A-7	0-5	0-15	85-100	80-100	70-100	70-90	55-70	35-45
	18-20	Clay	CH	A-7	0	0-10	100	95-100	90-100	85-95	60-75	35-50
	20-31	Duripan										
	31-35	Unweathered bedrock										
515B:	•			•	•	•	•					•
Bumpheads, moist	0-3	Very stony loam	GC-GM	A-4	30-40	10-20	65-75	60-70	55-65	40-50	20-30	5-10
•	3-12	Cobbly loam, cobbly clay loam, very cobbly clay loam	CL	A-6	0	10-45	75-95	70-90	60-80	40-65	30-40	10-15
	12-22	Cobbly clay, cobbly clay loam	CH, CL, GC, SC	A-7	0	10-25	70-90	55-85	50-70	40-55	45-55	20-30
	22-34	Cobbly clay, very cobbly clay	CH, GC, SC	A-7	0-10	15-30	70-85	55-80	50-80	40-75	55-65	30-40
	34-38	Weathered bedrock										
	38-60	Unweathered bedrock										
Mound	0-3	Cobbly loam, stony loam, very stony loam	CL	A-6	5-25	10-20	75-95	70-90	60-80	45-65	30-40	10-20
	3-16	Very cobbly loam	CL	A-6	0-10	20-30	65-85	60-80	50-70	30-50	30-40	10-20
	16-42	Very stony clay, very cobbly clay, very cobbly clay loam, very cobbly silty clay	CH, GC, SC	A-7	0-20	20-30	65-75	60-70	50-70	40-60	50-65	30-40
	42-56	Weathered bedrock										
	56-60	Unweathered bedrock										

Map symbol and	Depth	USDA texture	Classifica	ation	Fragm	ents	Percenta	ge passing	sieve num	ber	Liquid	Plasticity
soil name	(inches)		Unified	AASHTO	>10"	3-10"	4	10	40	200	limit (%)	index
Norcross, wooded	0-3	Extremely cobbly ashy loam			10-20	35-45	50-55	45-50	40-50	30-40	40-45	20-25
	3-6	Cobbly ashy clay loam, very cobbly ashy clay loam, very cobbly ashy loam, cobbly ashy loam	CL, SC	A-6, A-7	0-10	15-25	65-90	60-85	55-80	40-65	40-50	20-30
	6-10	Ashy clay loam, cobbly ashy clay loam, clay, cobbly clay	СН	A-7	0-5	0-25	85-100	80-100	70-100	55-100	50-60	30-40
	10-18	Clay, cobbly clay	CH	A-7	0-5	0-15	85-100	80-100	70-100	70-90	55-70	35-45
	18-20	Clay	CH	A-7	0	0-10	100	95-100	90-100	85-95	60-75	35-50
	20-31	Duripan										
	31-35	Unweathered bedrock										
517B:		·		•							<u>.</u>	
Bumpheads	0-3	Very stony loam	GC-GM	A-4	30-40	10-20	65-75	60-70	55-65	40-50	20-30	5-10
	3-12	Cobbly loam, cobbly clay loam, very cobbly clay loam	CL	A-6	0	10-45	75-95	70-90	60-80	40-65	30-40	10-15
	12-22	Cobbly clay, cobbly clay loam	CH, CL, GC, SC	A-7	0	10-25	70-90	55-85	50-70	40-55	45-55	20-30
	22-34	Cobbly clay, very cobbly clay	CH, GC, SC	A-7	0-10	15-30	70-85	55-80	50-80	40-75	55-65	30-40
	34-38	Weathered bedrock										
	38-60	Unweathered bedrock										
Mound	0-3	Cobbly loam, stony loam, very stony loam	CL	A-6	5-25	10-20	75-95	70-90	60-80	45-65	30-40	10-20
	3-16	Very cobbly loam	CL	A-6	0-10	20-30	65-85	60-80	50-70	30-50	30-40	10-20
	16-42	Very stony clay, very cobbly clay, very cobbly clay loam, very cobbly silty clay	CH, GC, SC	A-7	0-20	20-30	65-75	60-70	50-70	40-60	50-65	30-40
	42-56	Weathered bedrock										
	56-60	Unweathered bedrock										

Map symbol and	Depth	USDA texture	Classifica	ation	Fragm	ents	Percenta	ge passing	sieve num	ber	Liquid	Plasticity
soil name	(inches)		Unified	AASHTO	>10"	3-10"	4	10	40	200	limit (%)	index
Norcross, wooded	0-3	Extremely cobbly ashy loam			10-20	35-45	50-55	45-50	40-50	30-40	40-45	20-25
	3-6	Cobbly ashy clay loam, very cobbly ashy clay loam, very cobbly ashy loam, cobbly ashy loam	CL, SC	A-6, A-7	0-10	15-25	65-90	60-85	55-80	40-65	40-50	20-30
	6-10	Ashy clay loam, cobbly ashy clay loam, clay, cobbly clay	СН	A-7	0-5	0-25	85-100	80-100	70-100	55-100	50-60	30-40
	10-18	Clay, cobbly clay	СН	A-7	0-5	0-15	85-100	80-100	70-100	70-90	55-70	35-45
	18-20	Clay	СН	A-7	0	0-10	100	95-100	90-100	85-95	60-75	35-50
	20-31	Duripan										
	31-35	Unweathered bedrock										
520B:		•		L							1	
Mound	0-3	Cobbly loam, stony loam, very stony loam	CL	A-6	5-25	10-20	75-95	70-90	60-80	45-65	30-40	10-20
	3-16	Very cobbly loam	CL	A-6	0-10	20-30	65-85	60-80	50-70	30-50	30-40	10-20
	16-42	Very stony clay, very cobbly clay, very cobbly clay loam, very cobbly silty clay	CH, GC, SC	A-7	0-20	20-30	65-75	60-70	50-70	40-60	50-65	30-40
	42-56	Weathered bedrock										
	56-60	Unweathered bedrock										
Benhall	0-3	Cobbly loam	SC, CL	A-6	0-10	10-25	75-90	70-85	60-75	40-60	30-35	10-15
	3-21	Very gravelly loam, cobbly loam	SC, CL, GC	A-6	0-5	10-25	45-90	40-80	40-70	30-60	30-35	10-15
	21-32	Cobbly clay loam, very cobbly clay loam	CL	A-6	0-5	20-30	60-80	55-75	50-70	50-70	35-40	15-20
	32-38	Very cobbly clay loam, very cobbly clay	GC, CL	A-6, A-7	0-10	25-35	60-70	55-65	50-65	40-55	40-50	20-25
	38-60	Weathered bedrock										
525C:												
Mound	0-3	Cobbly loam, stony loam, very stony loam	CL	A-6	5-25	10-20	75-95	70-90	60-80	45-65	30-40	10-20
	3-16	Very cobbly loam	CL	A-6	0-10	20-30	65-85	60-80	50-70	30-50	30-40	10-20
	16-42	Very stony clay, very cobbly clay, very cobbly clay loam, very cobbly silty clay	CH, GC, SC	A-7	0-20	20-30	65-75	60-70	50-70	40-60	50-65	30-40
	42-56	Weathered bedrock										
	56-60	Unweathered bedrock										

Map symbol and	Depth	USDA texture	Classifica	ation	Fragm	ents	Percenta	ge passing	sieve num	ber	Liquid	Plasticity
soil name	(inches)		Unified	AASHTO	>10"	3-10"	4	10	40	200	limit (%)	index
530B:												
Benhall, moist	0-3	Cobbly loam	SC, CL	A-6	0-10	10-25	75-90	70-85	60-75	40-60	30-35	10-15
	3-21	Very gravelly loam, cobbly loam	SC, CL, GC	A-6	0-5	10-25	45-90	40-80	40-70	30-60	30-35	10-15
	21-32	Cobbly clay loam, very cobbly clay loam	CL	A-6	0-5	20-30	60-80	55-75	50-70	50-70	35-40	15-20
	32-38	Very cobbly clay loam, very cobbly clay	GC, CL	A-6, A-7	0-10	25-35	60-70	55-65	50-65	40-55	40-50	20-25
	38-60	Weathered bedrock										
Mound, moist	0-3	Cobbly loam, stony loam, very stony loam	CL	A-6	5-25	10-20	75-95	70-90	60-80	45-65	30-40	10-20
	3-16	Very cobbly loam	CL	A-6	0-10	20-30	65-85	60-80	50-70	30-50	30-40	10-20
	16-42	Very stony clay, very cobbly clay, very cobbly clay loam, very cobbly silty clay	CH, GC, SC	A-7	0-20	20-30	65-75	60-70	50-70	40-60	50-65	30-40
	42-56	Weathered bedrock										
	56-60	Unweathered bedrock										
532B:												
Tallboy	0-2	Gravelly loam	CL, SC	A-6	0-5	10-20	70-90	65-85	55-75	45-60	35-40	15-20
	2-21	Gravelly loam, cobbly loam, very cobbly loam	CL, SC	A-6, A-7	0-10	10-30	70-90	65-85	55-75	40-60	35-45	15-20
	21-34	Clay loam, cobbly clay loam	СН	A-7	0-5	5-15	80-100	75-95	70-90	55-75	50-55	25-35
	34-46	Clay, cobbly clay loam, very cobbly clay	СН	A-7	0-10	10-30	70-100	65-95	60-90	50-80	55-65	35-40
	46-56	Weathered bedrock										
	56-60	Unweathered bedrock										
533C:	- 1	1	1	1		1	1	1	1		1	1
Benhall, moist	0-3	Cobbly loam	SC, CL	A-6	0-10	10-25	75-90	70-85	60-75	40-60	30-35	10-15
	3-21	Very gravelly loam, cobbly loam	SC, CL, GC	A-6	0-5	10-25	45-90	40-80	40-70	30-60	30-35	10-15
	21-32	Cobbly clay loam, very cobbly clay loam	CL	A-6	0-5	20-30	60-80	55-75	50-70	50-70	35-40	15-20
	32-38	Very cobbly clay loam, very cobbly clay	GC, CL	A-6, A-7	0-10	25-35	60-70	55-65	50-65	40-55	40-50	20-25
	38-60	Weathered bedrock										

Map symbol and	Depth	USDA texture	Classifica		Fragm		Percenta		sieve num		Liquid	Plasticity
soil name	(inches)		Unified	AASHTO	>10"	3-10"	4	10	40	200	limit (%)	index
Mound, moist	0-3	Cobbly loam, stony loam, very stony loam	CL	A-6	5-25	10-20	75-95	70-90	60-80	45-65	30-40	10-20
	3-16	Very cobbly loam	CL	A-6	0-10	20-30	65-85	60-80	50-70	30-50	30-40	10-20
	16-42	Very stony clay, very cobbly clay, very cobbly clay loam, very cobbly silty clay	CH, GC, SC	A-7	0-20	20-30	65-75	60-70	50-70	40-60	50-65	30-40
	42-56	Weathered bedrock										
	56-60	Unweathered bedrock										
540C:	•	•						•			•	•
Schnipps, moist	0-3	Cobbly loam	CL, SC	A-6	0-5	15-25	75-90	70-85	60-75	40-60	35-40	15-20
	3-14	Cobbly loam, cobbly clay loam, very cobbly loam, stony loam	CL, SC	A-7	0-15	5-25	65-85	60-80	55-75	40-60	40-50	20-25
	14-25	Cobbly clay loam, very cobbly clay loam	CH, SC, GC	A-7	0-10	15-25	70-90	65-85	60-80	45-65	50-55	25-35
	25-49	Cobbly clay loam, cobbly clay, very cobbly clay loam, very cobbly clay	CH, SC, GC	A-7	0-10	5-25	65-85	60-80	55-75	45-75	50-65	30-40
	49-65	Weathered bedrock										
Mound	0-3	Cobbly loam, stony loam, very stony loam	CL	A-6	5-25	10-20	75-95	70-90	60-80	45-65	30-40	10-20
	3-16	Very cobbly loam	CL	A-6	0-10	20-30	65-85	60-80	50-70	30-50	30-40	10-20
	16-42	Very stony clay, very cobbly clay, very cobbly clay loam, very cobbly silty clay	CH, GC, SC	A-7	0-20	20-30	65-75	60-70	50-70	40-60	50-65	30-40
	42-56	Weathered bedrock										
	56-60	Unweathered bedrock										
542B:												
Grohs	0-2	Cobbly loam	CL	A-6	0-5	5-30	75-95	70-90	65-85	50-70	30-40	15-20
	2-5	Cobbly loam, very cobbly loam	GC, CL	A-6, A-7	0-5	10-30	65-90	60-85	55-80	40-60	35-45	15-20
	5-9	Cobbly clay loam, very cobbly clay loam	CL, CH, GC	A-7	0-5	10-25	65-85	60-80	55-75	40-60	45-55	25-35
	9-14	Gravelly clay loam, gravelly clay, very cobbly clay	СН	A-7	0-5	10-25	65-85	60-80	60-80	50-70	50-60	30-35
	14-23	Gravelly clay, cobbly clay	СН	A-7	0-5	10-20	70-90	65-85	65-80	55-75	55-70	35-45
	23-25	Weathered bedrock										
	25-60	Unweathered bedrock										

Map symbol and	Depth	USDA texture	Classifica		Fragm		Percenta		sieve num	ber	Liquid	Plasticity
soil name	(inches)		Unified	AASHTO	>10"	3-10"	4	10	40	200	limit (%)	index
Carrbutte	0-3	Stony loam	CL, CL- ML, ML	A-4	0-10	5-25	75-95	70=90	60-80	45-65	25-35	5-10
	3-10	Cobbly loam, very cobbly loam	CL	A-6	0-10	20-40	65-75	65-75	65-85	40-60	35-45	15-25
	10-21	Very cobbly clay loam, very cobbly clay	CH, GC, SC	A-7	0-10	20-40	65-75	55-75	45-65	40-60	50-60	30-35
	21-41	Very cobbly clay	CH, GC, SC	A-7	0-10	20-40	65-75	55-75	50-70	45-65	55-65	30-40
	41-57	Weathered bedrock										
543B:	-		-			-	-			_	_	
Carrbutte	0-3	Stony loam	CL, CL- ML, ML	A-4	0-10	5-25	75-95	70=90	60-80	45-65	25-35	5-10
	3-10	Cobbly loam, very cobbly loam	CL	A-6	0-10	20-40	65-75	65-75	65-85	40-60	35-45	15-25
	10-21	Very cobbly clay loam, very cobbly clay	CH, GC, SC	A-7	0-10	20-40	65-75	55-75	45-65	40-60	50-60	30-35
	21-41	Very cobbly clay	CH, GC, SC	A-7	0-10	20-40	65-75	55-75	50-70	45-65	55-65	30-40
	41-57	Weathered bedrock										
550C:												
Menbo	0-4	Very stony loam	GC, GC- GM, SC, SC-SM	A-2, A-6	10-30	15-30	55-75	50-70	40-60	30-50	35-50	15-25
	4-10	Gravelly loam, gravelly sandy loam, very cobbly clay loam	GC	A-2	5-15	15-35	55-75	50-70	45-65	30-50	35-50	15-25
	10-20	Very gravelly clay loam, very cobbly clay, very gravelly clay, very cobbly clay loam	СН	A-2, A-7	5-15	15-35	50-70	45-65	40-60	30-50	50-65	30-40
	20-28	Very cobbly clay	GC, CH	A-7	5-15	15-35	50-70	45-65	40-60	30-60	50-65	30-40
	28-32	Unweathered bedrock										
560C:			_			-	_			_	_	
Drakce	0-3	Very stony loam	GC, CL	A-6, A-7	15-30	15-25	65-80	60-75	50-65	35-50	35-45	15-20
	3-9	Very cobbly loam, very cobbly clay loam	GC, CL	A-7	5-15	20-30	60-75	55-70	50-70	40-55	40-50	20-30
	9-14	Cobbly clay loam, very cobbly clay loam	GC, CH	A-7	0-15	20-30	60-85	60-80	55-75	40-60	50-55	30-35
	14-21	Very cobbly clay	GC, CH	A-7	5-15	20-35	65-75	60-75	55-70	45-65	55-65	35-40
	21-44	Very cobbly clay, extremely cobbly clay	GC, CH	A-7	5-20	25-45	50-70	45-70	40-65	35-60	55-70	35-45
	44-60	Unweathered bedrock										

Map symbol	Depth	USDA texture	Classifica	tion	Fragm		Percenta	ge passing	sieve num	ber	Liquid	Plasticity
and soil name	(inches)		Unified	AASHTO	>10"	3-10"	4	10	40	200	limit (%)	index
Dranket	0-2	Very stony loam	GC, SC	A-2-7, A-7	15-25	15-30	60-75	55-70	50-65	30-45	40-45	20
	2-8	Cobbly loam, cobbly clay loam, very cobbly loam, very cobbly clay loam	SC, CL, GC	A-6, A-7	0-10	10-30	60-90	50-80	45-75	40-65	40-50	20-30
	8-15	Clay loam, cobbly clay loam, very cobbly clay loam	СН	A-7	0-10	5-25	75-95	70-90	65-85	50-70	50-55	25-35
	15-23	Clay, cobbly clay	СН	A-7	0	0-10	85-100	80-100	75-100	65-95	55-70	35-45
	23-25	Clay, gravelly clay	СН	A-7	0	0	75-100	70-100	70-100	60-90	60-75	40-50
	25-28	Duripan										
	28-32	Unweathered bedrock										
600A:	•	·	•				•	•	•	•		•
Boulder Lake	0-4	Silty clay loam	CL	A-6, A-7	0	0	100	100	95-100	85-95	40-45	20-25
	4-12	Silty clay loam	CH, CL	A_7	0	0	100	100	95-100	85-95	40-45	20-25
	12-38	Silty clay, clay	CH	A-7	0	0	100	100	90-100	75-95	55-75	35-50
	38-65	Silty clay loam, clay loam	CL, CH	A-6, A-7	0	0	100	100	90-100	75-95	40-55	20-25
Hippyjim	0-4	Silty clay loam	CL, CH	A-7	0	0	100	100	95-100	85-95	45-55	25-35
	4-10	Silty clay loam	CH	A-7	0	0	100	100	95-100	85-95	45-55	25-35
	10-13	Clay loam, silty clay loam	СН	A-7	0	0	100	100	90-100	70-95	50-55	25-30
	13-28	Clay, silty clay	СН	A-7	0	0	100	100	90-100	75-95	65-75	40-50
	28-47	Silty clay, clay	СН	A-7	0	0	100	100	90-100	75-95	60-70	40-45
	47-62	Weathered bedrock										
602A:												
Boulder Lake	0-4	Silty clay loam	CL	A-6, A-7	0	0	100	100	95-100	85-95	40-45	20-25
	4-12	Silty clay loam	CH, CL	A_7	0	0	100	100	95-100	85-95	40-45	20-25
	12-38	Silty clay, clay	CH	A-7	0	0	100	100	90-100	75-95	55-75	35-50
	38-65	Silty clay loam, clay loam	CL, CH	A-6, A-7	0	0	100	100	90-100	75-95	40-55	20-25
605A:	•						•	•	•	•		
Boulder Lake	0-4	Silty clay loam	CL	A-6, A-7	0	0	100	100	95-100	85-95	40-45	20-25
	4-12	Silty clay loam	CH, CL	A_7	0	0	100	100	95-100	85-95	40-45	20-25
	12-38	Silty clay, clay	CH	A-7	0	0	100	100	90-100	75-95	55-75	35-50
	38-65	Silty clay loam, clay loam	CL, CH	A-6, A-7	0	0	100	100	90-100	75-95	40-55	20-25

Map symbol	Depth	USDA texture	Classifica	tion	Fragm	ents	Percenta	ge passing	sieve num	ber	Liquid	Plasticity
and soil name	(inches)		Unified	AASHTO	>10"	3-10"	4	10	40	200	limit (%)	index
Cressler	0-6	Silty clay loam	CL, ML	A-6, A-7	0	0	95-100	85-100	80-100	75-95	35-45	10-20
	6-15	Silty clay, clay loam, clay	CL	A-7	0	0	85-100	75-100	70-100	55-95	40-50	15-25
	15-38	Silty clay, clay loam, clay	CL	A-7	0	0	85-100	75-100	70-100	55-95	40-50	15-25
	38-48	Clay loam, clay	CH, CL	A-7	0	0	85-100	75-100	70-100	55-95	40-55	15-30
	48-60	Extremely stony clay	SC, CH, CL, GC	A-2, A-7	25-40	30-55	50-80	40-70	35-70	30-65	45-55	20-30
610A:			•		•	•		•	•		•	
Hippyjim	0-4	Silty clay loam	CL, CH	A-7	0	0	100	100	95-100	85-95	45-55	25-35
	4-10	Silty clay loam	CH	A-7	0	0	100	100	95-100	85-95	45-55	25-35
	10-13	Clay loam, silty clay loam	СН	A-7	0	0	100	100	90-100	70-95	50-55	25-30
	13-28	Clay, silty clay	CH	A-7	0	0	100	100	90-100	75-95	65-75	40-50
	28-47	Silty clay, clay	CH	A-7	0	0	100	100	90-100	75-95	60-70	40-45
	47-62	Weathered bedrock										
615A:												
Olene	0-2	Gravelly clay	CH	A-7	0	5-10	70-90	65-85	60-80	55-75	55-60	35
	2-8	Clay	CH	A-7	0	0-5	90-100	85-95	80-90	75-85	55-60	35
	8-26	Clay, silty clay	CH	A-7	0	0	95-100	90-100	85-100	75-95	65-75	40-50
	26-42	Very cobbly clay, very cobbly silty clay	СН	A-7	5-15	25-45	60-75	55-70	50-70	50-70	60-70	35-45
	42-52	Very gravelly clay, very cobbly clay	CH, GC	A-7	0-15	20-40	50-70	45-65	40-60	35-55	55-65	35-40
	52-62	Weathered bedrock										
Boulder Lake	0-4	Silty clay loam	CL	A-6, A-7	0	0	100	100	95-100	70-90	40-45	20-25
	4-12	Silty clay loam	CH, CL	A_7	0	0	100	100	95-100	85-95	40-45	20-25
	12-38	Silty clay, clay	CH	A-7	0	0	100	100	90-100	75-95	55-75	35-50
	38-65	Silty clay loam, clay loam	CL, CH	A-6, A-7	0	0	100	100	90-100	75-95	40-55	20-25

					Moist Bulk	Permea-	Avail			Erosi	on fact	ors	Wind	Wind
Map symbol and soil name	Depth (inches)	Sand (%)	Silt (%)	Clay (%)	Density (g/cc)	bility (Ksat) In/hr	water capacity (In/in)	Linear extensibility	Organic matter	Kw	Kf	Т	erodibility group	erodibility index
300A:														
Norcross	0-3			22-27	1.13-1.27	0.2-0.6	0.11-0.14	3.0-6.0	2.0-4.0	.10	.37	1	8	0
	3-6			26-36	1.11-1.27	0.2-0.6	0.12-0.19	3.0-6.0	2.0-4.0	.17	.43			
	6-10			26-40	1.12-1.28	0.06-0.2	0.12-0.21	6.0-9.0	1.0-3.0	.20	.32			
	10-18			40-55	1.30-1.35	0.06-0.2	0.12-0.16	6.0-9.0	1.0-3.0	.17	.24			
	18-20			45-60	1.30-1.35	0.06-0.2	0.13-0.16	6.0-9.0	0.5-0.9	.17	.20			
	20-31					0.0015-0.06								
	31-35					0.0015-0.06								
310A:														
Norcross, wooded	0-3			22-27	1.13-1.27	0.2-0.6	0.11-0.14	3.0-6.0	2.0-4.0	.10	.37	1	8	0
	3-6			26-36	1.11-1.27	0.2-0.6	0.12-0.19	3.0-6.0	2.0-4.0	.17	.43			
	6-10			26-40	1.12-1.28	0.06-0.2	0.12-0.21	6.0-9.0	1.0-3.0	.20	.32			
	10-18			40-55	1.30-1.35	0.06-0.2	0.12-0.16	6.0-9.0	1.0-3.0	.17	.24			
	18-20			45-60	1.30-1.35	0.06-0.2	0.13-0.16	6.0-9.0	0.5-0.9	.17	.20			
	20-31					0.0015-0.06								
	31-35					0.0015-0.06								
Dranket	0-2			22-27	1.40-1.45	0.2-0.6	0.10-0.14	3.0-6.0	2.0-4.0	.10	.32	2	8	0
	2-8			26-34	1.35-1.45	0.2-0.6	0.13-0.18	3.0-6.0	1.0-3.0	.15	.32			
	8-15			32-40	1.35-1.45	0.2-0.6	0.15-0.19	6.0-9.0	1.0-3.0	.20	.32			
	15-23			40-55	1.30-1.35	0.06-0.2	0.12-0.16	6.0-9.0	1.0-3.0	.20	.28			
	23-25			45-60	1.30-1.35	0.06-0.2	0.11-0.16	6.0-9.0	0.5-1.0	.20	.28			
	25-28					0.0015-0.06								
	28-32					0.0015-0.06								
Norcross	0-3			22-27	1.13-1.27	0.2-0.6	0.11-0.14	3.0-6.0	2.0-4.0	.10	.37	1	8	0
	3-6			26-36	1.11-1.27	0.2-0.6	0.12-0.19	3.0-6.0	2.0-4.0	.17	.43			
	6-10			26-40	1.12-1.28	0.06-0.2	0.12-0.21	6.0-9.0	1.0-3.0	.20	.32			
	10-18			40-55	1.30-1.35	0.06-0.2	0.12-0.16	6.0-9.0	1.0-3.0	.17	.24			
	18-20			45-60	1.30-1.35	0.06-0.2	0.13-0.16	6.0-9.0	0.5-0.9	.17	.20			
	20-31					0.0015-0.06								
	31-35					0.0015-0.06								
312A:				•	•	•	•	•					1	•
Norcross, wooded	0-3			22-27	1.13-1.27	0.2-0.6	0.11-0.14	3.0-6.0	2.0-4.0	.10	.37	1	8	0
,	3-6			26-36	1.11-1.27	0.2-0.6	0.12-0.19	3.0-6.0	2.0-4.0	.17	.43			-
	6-10			26-40	1.12-1.28	0.06-0.2	0.12-0.21	6.0-9.0	1.0-3.0	.20	.32		1	
	10-18			40-55	1.30-1.35	0.06-0.2	0.12-0.16	6.0-9.0	1.0-3.0	.17	.24			
	18-20			45-60	1.30-1.35	0.06-0.2	0.13-0.16	6.0-9.0	0.5-0.9	.17	.20	1	1	1
	20-31					0.0015-0.06							1	1
	31-35					0.0015-0.06						1	1	

**Table 12. – PHYSICAL PROPERTIES OF THE SOILS** (Entries under "Erosion factors--T" apply to the entire profile. Entries under "Wind erodibility group" and "Wind erodibility index" apply only to the surface layer. Absence of an entry indicates that data were not estimated.)

1 able 12. – F H					Moist Bulk	Permea-	Avail			Erosi	on fact	ors	Wind	Wind
Map symbol and soil name	Depth (inches)	Sand (%)	Silt (%)	Clay (%)	Density (g/cc)	bility (Ksat) In/hr	water capacity (In/in)	Linear extensibility	Organic matter	Kw	Kf	Т	erodibility group	erodibility index
Dranket	0-2			22-27	1.40-1.45	0.2-0.6	0.10-0.14	3.0-6.0	2.0-4.0	.10	.32	2	8	0
	2-8			26-34	1.35-1.45	0.2-0.6	0.13-0.18	3.0-6.0	1.0-3.0	.15	.32			
	8-15			32-40	1.35-1.45	0.2-0.6	0.15-0.19	6.0-9.0	1.0-3.0	.20	.32			
	15-23			40-55	1.30-1.35	0.06-0.2	0.12-0.16	6.0-9.0	1.0-3.0	.20	.28			
	23-25			45-60	1.30-1.35	0.06-0.2	0.11-0.16	6.0-9.0	0.5-1.0	.20	.28			
	25-28					0.0015-0.06								
	28-32					0.0015-0.06								
320A:														
Pankeybasin	0-2			20-25	1.40-1.45	0.2-0.6	0.14-0.17	3.0-6.0	2.0-4.0	.32	.37	2	6	48
	2-7			24-32	1.35-1.45	0.2-0.6	0.12-0.18	3.0-6.0	2.0-4.0	.24	.43			
	7-11			32-40	1.35-1.40	0.2-0.6	0.16-0.20	3.0-6.0	1.0-3.0	.24	.37			
	11-19			55-65	1.30-1.35	0.06-0.2	0.12-0.16	6.0-9.0	0.5-0.9	.15	.20			
	19-23			40-50	1.30-1.35	0.06-0.2	0.13-0.16	6.0-9.0	0.0-0.5	.24	.32			
	23-32					0.00-0.0015								
	32-65					0.0015-0.06								
330B:							<u>.</u>						•	
Casebeer	0-2			22-27	1.40-1.45	0.2-0.6	0.11-0.14	3.0-6.0	2.0-3.0	.15	.43	1	8	0
	2-5			28-36	1.35-1.40	0.2-0.6	0.14-0.19	3.0-6.0	1.0-3.0	.20	.43			
	5-8			34-44	1.30-1.40	0.06-0.2	0.12-0.21	6.0-9.0	0.5-0.9	.24	.32			
	8-12			38-60	1.30-1.40	0.06-0.2	0.12-0.21	6.0-9.0	0.3-0.6	.20	.28			
	12-14			45-60	1.30-1.35	0.06-0.2	0.12-0.16	6.0-9.0	0.0-0.5	.20	.28			
	14-26					0.00-0.0015								
	26-30					0.0015-0.06								
	30-60					0.0015-0.06								
Norcross	0-3			22-27	1.13-1.27	0.2-0.6	0.11-0.14	3.0-6.0	2.0-4.0	.10	.37	1	8	0
	3-6			26-36	1.11-1.27	0.2-0.6	0.12-0.19	3.0-6.0	2.0-4.0	.17	.43			
	6-10			26-40	1.12-1.28	0.06-0.2	0.12-0.21	6.0-9.0	1.0-3.0	.20	.32			
	10-18			40-55	1.30-1.35	0.06-0.2	0.12-0.16	6.0-9.0	1.0-3.0	.17	.24			
	18-20			45-60	1.30-1.35	0.06-0.2	0.13-0.16	6.0-9.0	0.5-0.9	.17	.20			
	20-31					0.0015-0.06								
	31-35					0.0015-0.06								
Dranket	0-2			22-27	1.40-1.45	0.2-0.6	0.10-0.14	3.0-6.0	2.0-4.0	.10	.32	2	8	0
	2-8			26-34	1.35-1.45	0.2-0.6	0.13-0.18	3.0-6.0	1.0-3.0	.15	.32			Ì
	8-15			32-40	1.35-1.45	0.2-0.6	0.15-0.19	6.0-9.0	1.0-3.0	.20	.32			
	15-23			40-55	1.30-1.35	0.06-0.2	0.12-0.16	6.0-9.0	1.0-3.0	.20	.28			
	23-25			45-60	1.30-1.35	0.06-0.2	0.11-0.16	6.0-9.0	0.5-1.0	.20	.28			
	25-28					0.0015-0.06						1		
	28-32					0.0015-0.06								

1 able 12, – F H					Moist Bulk	Permea-	Avail			Erosi	on fact	ors	Wind	Wind
Map symbol and soil name	Depth (inches)	Sand (%)	Silt (%)	Clay (%)	Density (g/cc)	bility (Ksat) In/hr	water capacity (In/in)	Linear extensibility	Organic matter	Kw	Kf	Т	erodibility group	erodibility index
331B:														
Norcross	0-3			22-27	1.13-1.27	0.2-0.6	0.11-0.14	3.0-6.0	2.0-4.0	.10	.37	1	8	0
	3-6			26-36	1.11-1.27	0.2-0.6	0.12-0.19	3.0-6.0	2.0-4.0	.17	.43			
	6-10			26-40	1.12-1.28	0.06-0.2	0.12-0.21	6.0-9.0	1.0-3.0	.20	.32			
	10-18			40-55	1.30-1.35	0.06-0.2	0.12-0.16	6.0-9.0	1.0-3.0	.17	.24			
	18-20			45-60	1.30-1.35	0.06-0.2	0.13-0.16	6.0-9.0	0.5-0.9	.17	.20			
	20-31					0.0015-0.06								
	31-35					0.0015-0.06								
Dranket	0-2			22-27	1.40-1.45	0.2-0.6	0.10-0.14	3.0-6.0	2.0-4.0	.10	.32	2	8	0
	2-8			26-34	1.35-1.45	0.2-0.6	0.13-0.18	3.0-6.0	1.0-3.0	.15	.32			
	8-15			32-40	1.35-1.45	0.2-0.6	0.15-0.19	6.0-9.0	1.0-3.0	.20	.32			
	15-23			40-55	1.30-1.35	0.06-0.2	0.12-0.16	6.0-9.0	1.0-3.0	.20	.28			
	23-25			45-60	1.30-1.35	0.06-0.2	0.11-0.16	6.0-9.0	0.5-1.0	.20	.28			
	25-28					0.0015-0.06								
	28-32					0.0015-0.06								
Casebeer	0-2			22-27	1.40-1.45	0.2-0.6	0.11-0.14	3.0-6.0	2.0-3.0	.15	.43	1	8	0
	2-5			28-36	1.35-1.40	0.2-0.6	0.14-0.19	3.0-6.0	1.0-3.0	.20	.43			
	5-8			34-44	1.30-1.40	0.06-0.2	0.12-0.21	6.0-9.0	0.5-0.9	.24	.32			
	8-12			38-60	1.30-1.40	0.06-0.2	0.12-0.21	6.0-9.0	0.3-0.6	.20	.28			
	12-14			45-60	1.30-1.35	0.06-0.2	0.12-0.16	6.0-9.0	0.0-0.5	.20	.28			
	14-26					0.00-0.0015								
	26-30					0.0015-0.06								
	30-60					0.0015-0.06								
335B:														
Norcross, wooded	0-3			22-27	1.13-1.27	0.2-0.6	0.11-0.14	3.0-6.0	2.0-4.0	.10	.37	1	8	0
	3-6			26-36	1.11-1.27	0.2-0.6	0.12-0.19	3.0-6.0	2.0-4.0	.17	.43			
	6-10			26-40	1.12-1.28	0.06-0.2	0.12-0.21	6.0-9.0	1.0-3.0	.20	.32			
	10-18			40-55	1.30-1.35	0.06-0.2	0.12-0.16	6.0-9.0	1.0-3.0	.17	.24			
	18-20			45-60	1.30-1.35	0.06-0.2	0.13-0.16	6.0-9.0	0.5-0.9	.17	.20			
	20-31					0.0015-0.06								
	31-35					0.0015-0.06								
Casebeer	0-2			22-27	1.40-1.45	0.2-0.6	0.11-0.14	3.0-6.0	2.0-3.0	.15	.43	1	8	0
	2-5			28-36	1.35-1.40	0.2-0.6	0.14-0.19	3.0-6.0	1.0-3.0	.20	.43			
	5-8			34-44	1.30-1.40	0.06-0.2	0.12-0.21	6.0-9.0	0.5-0.9	.24	.32			
	8-12			38-60	1.30-1.40	0.06-0.2	0.12-0.21	6.0-9.0	0.3-0.6	.20	.28			
	12-14			45-60	1.30-1.35	0.06-0.2	0.12-0.16	6.0-9.0	0.0-0.5	.20	.28			
	14-26					0.00-0.0015								
	26-30					0.0015-0.06								
	30-60					0.0015-0.06								

					Moist Bulk	Permea-	Avail			Erosi	on fact	ors	Wind	Wind
Map symbol and soil name	Depth (inches)	Sand (%)	Silt (%)	Clay (%)	Density (g/cc)	bility (Ksat) In/hr	water capacity (In/in)	Linear extensibility	Organic matter	Kw	Kf	Т	erodibility group	erodibility index
340A:														
Norcross	0-3			22-27	1.13-1.27	0.2-0.6	0.11-0.14	3.0-6.0	2.0-4.0	.10	.37	1	8	0
	3-6			26-36	1.11-1.27	0.2-0.6	0.12-0.19	3.0-6.0	2.0-4.0	.17	.43			
	6-10			26-40	1.12-1.28	0.06-0.2	0.12-0.21	6.0-9.0	1.0-3.0	.20	.32			
	10-18			40-55	1.30-1.35	0.06-0.2	0.12-0.16	6.0-9.0	1.0-3.0	.17	.24			
	18-20			45-60	1.30-1.35	0.06-0.2	0.13-0.16	6.0-9.0	0.5-0.9	.17	.20			
	20-31					0.0015-0.06								
	31-35					0.0015-0.06								
Casebeer	0-2			22-27	1.40-1.45	0.2-0.6	0.11-0.14	3.0-6.0	2.0-3.0	.15	.43	1	8	0
	2-5			28-36	1.35-1.40	0.2-0.6	0.14-0.19	3.0-6.0	1.0-3.0	.20	.43			
	5-8			34-44	1.30-1.40	0.06-0.2	0.12-0.21	6.0-9.0	0.5-0.9	.24	.32			
	8-12			38-60	1.30-1.40	0.06-0.2	0.12-0.21	6.0-9.0	0.3-0.6	.20	.28			
	12-14			45-60	1.30-1.35	0.06-0.2	0.12-0.16	6.0-9.0	0.0-0.5	.20	.28			
	14-26					0.00-0.0015								
	26-30					0.0015-0.06								
	30-60					0.0015-0.06								
342A:													•	
Casebeer	0-2			22-27	1.40-1.45	0.2-0.6	0.11-0.14	3.0-6.0	2.0-3.0	.15	.43	1	8	0
	2-5			28-36	1.35-1.40	0.2-0.6	0.14-0.19	3.0-6.0	1.0-3.0	.20	.43			
	5-8			34-44	1.30-1.40	0.06-0.2	0.12-0.21	6.0-9.0	0.5-0.9	.24	.32			
	8-12			38-60	1.30-1.40	0.06-0.2	0.12-0.21	6.0-9.0	0.3-0.6	.20	.28			
	12-14			45-60	1.30-1.35	0.06-0.2	0.12-0.16	6.0-9.0	0.0-0.5	.20	.28			
	14-26					0.00-0.0015								
	26-30					0.0015-0.06								
	30-60					0.0015-0.06								
343A:	·			•	•		•				•		·	•
Jennett	0-2			20-27	1.40-1.45	0.2-0.6	0.16-0.18	3.0-6.0	2.0-4.0	.37	.37	3	6	48
	2-8			20-27	1.40-1.45	0.2-0.6	0.19-0.21	3.0-6.0	2.0-4.0	.43	.43			
	8-13			32-40	1.35-1.40	0.06-0.2	0.15-0.20	6.0-9.0	0.5-0.9	.49	.49			
	13-21			35-55	1.30-1.40	0.06-0.2	0.14-0.21	6.0-9.0	0.5-0.9	.43	.43			
	21-36													
	36-62													1

					Moist Bulk	Permea-	Avail			Erosi	on fact	ors	Wind	Wind
Map symbol and soil name	Depth (inches)	Sand (%)	Silt (%)	Clay (%)	Density (g/cc)	bility (Ksat) In/hr	water capacity (In/in)	Linear extensibility	Organic matter	Kw	Kf	Т	erodibility group	erodibility index
344A:														
Norcross, ponded	0-3			22-27	1.13-1.27	0.2-0.6	0.11-0.14	3.0-6.0	2.0-4.0	.10	.37	1	8	0
	3-6			26-36	1.11-1.27	0.2-0.6	0.12-0.19	3.0-6.0	2.0-4.0	.17	.43			
	6-10			26-40	1.12-1.28	0.06-0.2	0.12-0.21	6.0-9.0	1.0-3.0	.20	.32			
	10-18			40-55	1.30-1.35	0.06-0.2	0.12-0.16	6.0-9.0	1.0-3.0	.17	.24			
	18-20			45-60	1.30-1.35	0.06-0.2	0.13-0.16	6.0-9.0	0.5-0.9	.17	.20			
	20-31					0.00-0.0015								
	31-35					0.0015-0.06								
Boulder Lake	0-4			22-27	1.20-1.40	0.2-0.6	0.19-0.21	3.0-6.0	1.0-3.0	.32	.32	5	6	48
	4-12			27-40	1.20-1.40	0.2-0.6	0.19-0.21	3.0-6.0	0.5-2.0	.37	.37			
	12-38			40-60	1.30-1.40	0.0015-0.06	0.14-0.17	6.0-9.0	0.0-0.5	.43	.43			
	38-65			25-40	1.20-1.40	0.06-0.2	0.19-0.21	6.0-9.0	0.0-0.5	.32	.32			
Jennett	0-2			20-27	1.40-1.45	0.2-0.6	0.16-0.18	3.0-6.0	2.0-4.0	.37	.37	3	6	48
	2-8			20-27	1.40-1.45	0.2-0.6	0.19-0.21	3.0-6.0	2.0-4.0	.43	.43			
	8-13			32-40	1.35-1.40	0.06-0.2	0.15-0.20	6.0-9.0	0.5-0.9	.49	.49			
	13-21			35-55	1.30-1.40	0.06-0.2	0.14-0.21	6.0-9.0	0.5-0.9	.43	.43			
	21-36													
	36-62													
345A:					•	•		•	1					
Casebeer	0-2			22-27	1.40-1.45	0.2-0.6	0.11-0.14	3.0-6.0	2.0-3.0	.15	.43	1	8	0
	2-5			28-36	1.35-1.40	0.2-0.6	0.14-0.19	3.0-6.0	1.0-3.0	.20	.43			
	5-8			34-44	1.30-1.40	0.06-0.2	0.12-0.21	6.0-9.0	0.5-0.9	.24	.32			
	8-12			38-6-	1.30-1.40	0.06-0.2	0.12-0.21	6.0-9.0	0.3-0.6	.20	.28			
	12-14			45-60	1.30-1.35	0.06-0.2	0.12-0.16	6.0-9.0	0.0-0.5	.20	.28			
	14-26					0.00-0.0015								
	26-30					0.0015-0.06								
	30-60					0.0015-0.06								
Pankeybasin, stony	0-2			20-25	1.40-1.45	0.2-0.6	0.11-0.14	3.0-6.0	2.0-4.0	.15	.37	2	8	0
	2-7			24-32	1.35-1.45	0.2-0.6	0.12-0.18	3.0-6.0	2.0-4.0	.24	.43			
	7-11			32-40	1.35-1.40	0.2-0.6	0.16-0.20	3.0-6.0	1.0-3.0	.24	.37			
	11-19			55-65	1.30-1.35	0.06-0.2	0.12-0.16	6.0-9.0	0.5-0.9	.15	.20			
	19-23			40-50	1.30-1.35	0.06-0.2	0.13-0.16	6.0-9.0	0.0-0.5	.24	.32	l	T	
	23-32					0.00-0.0015						l	T	
	32-65					0.0015-0.06						Ì	T	1

					Moist Bulk	Permea-	Avail			Erosi	on fact	ors	Wind	Wind
Map symbol and soil name	Depth (inches)	Sand (%)	Silt (%)	Clay (%)	Density (g/cc)	bility (Ksat) In/hr	water capacity (In/in)	Linear extensibility	Organic matter	Kw	Kf	Т	erodibility group	erodibility index
350B:														
Woolencanyon	0-2			27-32	1.35-1.40	0.2-0.6	0.16-0.19	3.0-6.0	2.0-4.0	.10	.32	1	8	0
•	2-5			32-45	1.30-1.40	0.06-0.2	0.12-0.18	6.0-9.0	2.0-4.0	.15	.28			
	5-12			50-60	1.30-1.35	0.06-0.2	0.13-0.16	6.0-9.0	1.0-3.0	.15	.20			
	12-18					0.00-0.0015								
	19-23					0.0015-0.06								
Notchcorral	0-3			22-27	1.40-1.45	0.2-0.6	0.12-0.14	3.0-6.0	2.0-4.0	.15	.37	2	8	0
	3-6			28-40	1.35-1.40	0.2-0.6	0.14-0.19	3.0-6.0	2.0-4.0	.15	.28			
	6-11			40-50	1.30-1.35	0.06-0.2	0.13-0.16	6.0-9.0	1.0-3.0	.28	.32			
	11-22			55-65	1.30-1.35	0.06-0.2	0.14-0.16	6.0-9.0	1.0-3.0	.24	.24			
	22-31					0.00-0.0015								
	31-50					0.0015-0.06								
	50-60					0.0015-0.06								
Wonser	0-2			22-27	1.40-1.45	0.2-0.6	0.09-0.12	3.0-6.0	2.0-4.0	.10	.37	1	8	0
	2-4			30-40	1.35-1.40	0.2-0.6	0.15-0.18	3.0-6.0	2.0-4.0	.15	.32			
	4-6			40-55	1.30-1.35	0.06-0.2	0.11-0.15	6.0-9.0	1.0-3.0	.15	.28			
	6-13			50-60	1.30-1.35	0.06-0.2	0.11-0.14	6.0-9.0	1.0-3.0	.10	.24			
	13-15					0.00-0.0015								
	15-19					0.0015-0.06								
360B:	•		1		•		•							
Devaul	0-3			20-27	1.40-1.45	0.2-0.6	0.13-0.15	3.0-6.0	2.0-6.0	.15	.32	3	7	38
	3-12			20-27	1.40-1.45	0.2-0.6	0.13-0.15	3.0-6.0	2.0-6.0	.15	.32			
	12-18			28-35	1.35-1.40	0.2-0.6	0.15-0.18	3.0-6.0	2.0-4.0	.15	.32			
	18-33			32-40	1.30-1.40	0.2-0.6	0.12-0.16	3.0-6.0	0.5-1.0	.15	.43			
	33-42			32-40	1.30-1.40	0.2-0.6	0.12-0.16	6.0-9.0	0.5-1.0	.15	.43			
	42-56			32-40	1.30-1.40	0.2-0.6	0.12-0.16	6.0-9.0	0.1-0.5	.15	.37			
	56-66					0.0015-0.06								
Norcross, wooded	0-3			22-27	1.13-1.27	0.2-0.6	0.11-0.14	3.0-6.0	2.0-4.0	.10	.37	1	8	0
	3-6			26-36	1.11-1.27	0.2-0.6	0.12-0.19	3.0-6.0	2.0-4.0	.17	.43			
	6-10			26-40	1.12-1.28	0.06-0.2	0.12-0.21	6.0-9.0	1.0-3.0	.20	.32			
	10-18			40-55	1.30-1.35	0.06-0.2	0.12-0.16	6.0-9.0	1.0-3.0	.17	.24			
	18-20			45-60	1.30-1.35	0.06-0.2	0.13-0.16	6.0-9.0	0.5-0.9	.17	.20			
	20-31					0.00-0.0015								
	31-35					0.0015-0.06								

					Moist Bulk	Permea-	Avail			Erosi	on fact	ors	Wind	Wind
Map symbol and soil name	Depth (inches)	Sand (%)	Silt (%)	Clay (%)	Density (g/cc)	bility (Ksat) In/hr	water capacity (In/in)	Linear extensibility	Organic matter	Kw	Kf	Т	erodibility group	erodibility index
362A:														
Casebeer	0-2			22-27	1.40-1.45	0.2-0.6	0.11-0.14	3.0-6.0	2.0-3.0	.15	.43	1	8	0
	2-5			28-36	1.35-1.40	0.2-0.6	0.14-0.19	3.0-6.0	1.0-3.0	.20	.43			
	5-8			34-44	1.30-1.40	0.06-0.2	0.12-0.21	6.0-9.0	0.5-0.9	.24	.32			
	8-12			38-60	1.30-1.40	0.06-0.2	0.12-0.21	6.0-9.0	0.3-0.6	.20	.28			
	12-14			45-60	1.30-1.35	0.06-0.2	0.12-0.16	6.0-9.0	0.0-0.5	.20	.28			
	14-26					0.00-0.0015								
	26-30					0.0015-0.06								
	30-60					0.0015-0.06								
Devaul	0-3			20-27	1.40-1.45	0.2-0.6	0.13-0.15	3.0-6.0	2.0-6.0	.15	.32	3	7	38
	3-12			20-27	1.40-1.45	0.2-0.6	0.13-0.15	3.0-6.0	2.0-6.0	.15	.32			
	12-18			28-35	1.35-1.40	0.2-0.6	0.15-0.18	3.0-6.0	2.0-4.0	.15	.32			
	18-33			32-40	1.30-1.40	0.2-0.6	0.12-0.16	3.0-6.0	0.5-1.0	.15	.43			
	33-42			32-40	1.30-1.40	0.2-0.6	0.12-0.16	6.0-9.0	0.5-1.0	.15	.43			
	42-56			32-40	1.30-1.40	0.2-0.6	0.12-0.16	6.0-9.0	0.1-0.5	.15	.37			
	56-66					0.0015-0.06								
Norcross, wooded	0-3			22-27	1.13-1.27	0.2-0.6	0.11-0.14	3.0-6.0	2.0-4.0	.10	.37	1	8	0
	3-6			26-36	1.11-1.27	0.2-0.6	0.12-0.19	3.0-6.0	2.0-4.0	.17	.43			
	6-10			26-40	1.12-1.28	0.06-0.2	0.12-0.21	6.0-9.0	1.0-3.0	.20	.32			
	10-18			40-55	1.30-1.35	0.06-0.2	0.12-0.16	6.0-9.0	1.0-3.0	.17	.24			
	18-20			45-60	1.30-1.35	0.06-0.2	0.13-0.16	6.0-9.0	0.5-0.9	.17	.20			
	20-31					0.00-0.0015								
	31-35					0.0015-0.06								
370B:														
Widmer	0-3			20-27	1.40-1.45	0.2-0.6	0.14-0.16	3.0-6.0	2.0-4.0	.24	.37	2	7	38
	3-8			35-45	1.30-1.40	0.06-0.2	0.11-0.19	3.0-6.0	1.0-3.0	.15	.32			
	8-12			35-50	1.30-1.40	0.06-0.2	0.12-0.21	6.0-9.0	1.0-3.0	.20	.32			
	12-18			45-55	1.30-1.35	0.06-0.2	0.12-0.16	6.0-9.0	1.0-2.0	.15	.32			
	18-31			22-27	1.40-1.45	0.06-0.2	0.07-0.10	3.0-6.0	0.5-0.9	.15	.37			
	31-41					0.06-0.2								
	41-51					0.0015-0.06								
Lorella	0-2			20-27	1.10-1.30	0.6-2.0	0.14-0.17	0.0-3.0	2.0-4.0	.28	.37	1	5	56
	2-6			35-40	1.20-1.30	0.2-0.6	0.09-0.15	0.0-3.0	1.0-3.0	.17	.37			
	6-13			40-50	1.20-1.30	0.06-0.2	0.05-0.07	6.0-9.0	1.0-3.0	.15	.32	l		
	13-19			40-50	1.20-1.30	0.06-0.2	0.05-0.07	6.0-9.0	0.5-1.0	.10	.28	l		
	19-23					0.0015-0.06	0.00-0.00		0.0-0.0					

			an	CT.	Moist Bulk	Permea-	Avail			Erosi	on fact	ors	Wind	Wind
Map symbol and soil name	Depth (inches)	Sand (%)	Silt (%)	Clay (%)	Density (g/cc)	bility (Ksat) In/hr	water capacity (In/in)	Linear extensibility	Organic matter	Kw	Kf	Т	erodibility group	erodibility index
380C:														
Menbo, cool	0-4			20-27	1.10-1.30	0.6-2.0	0.07-0.09	3.0-6.0	2.0-4.0	.24	.43	2	7	38
	4-10			20-32	1.35-1.55	0.6-2.0	0.10-0.14	3.0-6.0	2.0-4.0	.15	.37			
	10-20			35-40	1.35-1.55	0.06-0.2	0.06-0.10	6.0-9.0	1.0-3.0	.10	.37			
	20-28			40-50	1.35-1.55	0.06-0.2	0.06-0.10	6.0-9.0	1.0-3.0	.10	.28			
	28-32					0.00-0.0015								
Drakce	0-3			20-27	1.40-1.45	0.2-0.6	0.12-0.15	3.0-6.0	2.0-4.0	.10	.32	3	8	0
	3-9			24-35	1.35-1.45	0.2-0.6	0.11-0.17	3.0-6.0	2.0-4.0	.10	.32			
	9-14			35-40	1.35-1.40	0.06-0.2	0.13-0.18	6.0-9.0	1.0-3.0	.10	.28			
	14-21			40-50	1.30-1.35	0.06-0.2	0.11-0.14	6.0-9.0	1.0-3.0	.10	.28			
	21-44			40-50	1.30-1.35	0.06-0.2	0.08-0.14	6.0-9.0	0.5-0.9	.10	.32			
	44-60					0.0015-0.06								
Rock outcrop														
390A:														
Teeltruc	0-15			12-18	1.15-1.40	2.0-6.0	0.11-0.13	0.0-3.0	1.0-3.0	.15	.20	4	3	86
	15-26			15-18	1.15-1.40	2.0-6.0	0.10-0.13	0.0-3.0	1.0-3.0	.15	.20			
	26-51			15-18	1.15-1.40	2.0-6.0	0.08-0.12	0.0-3.0	1.0-3.0	.10	.20			
	51-61			15-18	1.15-1.40	2.0-6.0	0.08-0.10	0.0-3.0	0.5-0.9	.15	.20			
	61-65					0.0015-0.06								
392B:														
Teeltruc	0-15			12-18	1.15-1.40	2.0-6.0	0.11-0.13	0.0-3.0	1.0-3.0	.15	.20	4	3	86
	15-26			15-18	1.15-1.40	2.0-6.0	0.10-0.13	0.0-3.0	1.0-3.0	.15	.20			
	26-51			15-18	1.15-1.40	2.0-6.0	0.08-0.12	0.0-3.0	1.0-3.0	.10	.20			
	51-61			15-18	1.15-1.40	2.0-6.0	0.08-0.10	0.0-3.0	0.5-0.9	.15	.20			
	61-65					0.0015-0.06								
Schnipps, moist	0-3			20-25	1.40-1.45	0.2-0.6	0.12-0.14	3.0-6.0	2.0-4.0	.15	.37	3	8	0
	3-14			24-32	1.35-1.45	0.2-0.6	0.12-0.19	3.0-6.0	2.0-4.0	.15	.37			
	14-25			32-40	1.35-1.40	0.2-0.6	0.14-0.19	6.0-9.0	1.0-3.0	.17	.43			
	25-49			36-50	1.30-1.40	0.06-0.2	0.11-0.17	6.0-9.0	0.5-0.9	.17	.43			
	49-65					0.06-0.2								
400C:														
Schnipps	0-3			20-25	1.40-1.45	0.2-0.6	0.13-0.16	3.0-6.0	2.0-4.0	.17	.37	3	7	38
	3-14			24-32	1.35-1.45	0.2-0.6	0.12-0.19	3.0-6.0	2.0-4.0	.15	.37			
	14-25			32-40	1.35-1.40	0.2-0.6	0.14-0.19	6.0-9.0	1.0-3.0	.17	.43			
	25-49			36-50	1.30-1.40	0.06-0.2	0.11-0.17	6.0-9.0	0.5-0.9	.17	.43			
	49-65					0.06-0.2								

1 abic 12. – 1 11					Moist Bulk	Permea-	Avail			Erosi	on fact	ors	Wind	Wind
Map symbol and soil name	Depth (inches)	Sand (%)	Silt (%)	Clay (%)	Density (g/cc)	bility (Ksat) In/hr	water capacity (In/in)	Linear extensibility	Organic matter	Kw	Kf	Т	erodibility group	erodibility index
402C:														
Devaul	0-3			20-27	1.40-1.45	0.2-0.6	0.13-0.15	3.0-6.0	2.0-6.0	.15	.32	3	7	38
	3-12			20-27	1.40-1.45	0.2-0.6	0.13-0.15	3.0-6.0	2.0-6.0	.15	.32			
	12-18			28-35	1.35-1.40	0.2-0.6	0.15-0.18	3.0-6.0	2.0-4.0	.15	.32			
	18-33			32-40	1.30-1.40	0.2-0.6	0.12-0.16	3.0-6.0	0.5-1.0	.15	.43			
	33-42			32-40	1.30-1.40	0.2-0.6	0.12-0.16	6.0-9.0	0.5-1.0	.15	.43			
	42-56			32-40	1.30-1.40	0.2-0.6	0.12-0.16	6.0-9.0	0.1-0.5	.15	.37			
	56-66					0.0015-0.06								
Schnipps	0-3			20-25	1.40-1.45	0.2-0.6	0.13-0.16	3.0-6.0	2.0-4.0	.17	.37	3	7	38
	3-14			24-32	1.35-1.45	0.2-0.6	0.12-0.19	3.0-6.0	2.0-4.0	.15	.37			
	14-25			32-40	1.35-1.40	0.2-0.6	0.14-0.19	6.0-9.0	1.0-3.0	.17	.43			
	25-49			36-50	1.30-1.40	0.06-0.2	0.11-0.17	6.0-9.0	0.5-0.9	.17	.43			
	49-65					0.06-0.2								
410D:	•	•		•		•	•						•	
Drakce	0-3			20-27	1.40-1.45	0.2-0.6	0.12-0.15	3.0-6.0	2.0-4.0	.10	.32	3	8	0
	3-9			24-35	1.35-1.45	0.2-0.6	0.11-0.17	3.0-6.0	2.0-4.0	.10	.32			
	9-14			35-40	1.35-1.40	0.06-0.2	0.13-0.18	6.0-9.0	1.0-3.0	.10	.28			
	14-21			40-50	1.30-1.35	0.06-0.2	0.11-0.14	6.0-9.0	1.0-3.0	.10	.28			
	21-44			40-50	1.30-1.35	0.06-0.2	0.08-0.14	6.0-9.0	0.5-0.9	.10	.32			
	44-60					0.0015-0.06								
Rock outcrop	0-60													
500C:														
Mound	0-3			20-27	1.10-1.30	0.6-2.0	0.12-0.16	3.0-6.0	4.0-6.0	.17	.24	3	7	38
	3-16			20-27	1.10-1.30	0.6-2.0	0.12-0.14	3.0-6.0	4.0-6.0	.17	.24			
	16-42			35-50	1.20-1.40	0.06-0.2	0.11-0.16	6.0-9.0	1.0-3.0	.17	.32			
	42-56					0.0015-0.06								
	56-60					0.0015-0.06								
Royst	0-6			22-27	1.20-1.40	0.6-2.0	0.14-0.17	3.0-6.0	2.0-4.0	.24	.28	2	6	48
	6-13			22-27	1.20-1.40	0.6-2.0	0.15-0.19	3.0-6.0	2.0-4.0	.24	.28			
	13-26			35-40	1.30-1.50	0.06-0.2	0.12-0.17	6.0-9.0	1.0-3.0	.20	.24			
	26-38			40-45	1.30-1.50	0.06-0.2	0.08-0.12	6.0-9.0	1.0-2.0	.10	.20			
	38-45					0.06-0.2								
	45-60					0.06-0.2								
Rock outcrop	0-60													

					Moist Bulk	Permea-	Avail			Erosi	on fact	ors	Wind	Wind
Map symbol and soil name	Depth (inches)	Sand (%)	Silt (%)	Clay (%)	Density (g/cc)	bility (Ksat) In/hr	water capacity (In/in)	Linear extensibility	Organic matter	Kw	Kf	Т	erodibility group	erodibility index
505D:														
Menbo	0-4			20-27	1.10-1.30	0.6-2.0	0.07-0.09	3.0-6.0	2.0-4.0	.24	.43	2	7	38
	4-10			20-32	1.35-1.55	0.6-2.0	0.10-0.14	3.0-6.0	2.0-4.0	.15	.37			
	10-20			35-40	1.35-1.55	0.06-0.2	0.06-0.10	6.0-9.0	1.0-3.0	.10	.37			
	20-28			40-50	1.35-1.55	0.06-0.2	0.06-0.10	6.0-9.0	1.0-3.0	.10	.28			
	28-32					0.00-0.0015								
Drakce	0-3			20-27	1.40-1.45	0.2-0.6	0.12-0.15	3.0-6.0	2.0-4.0	.10	.32	3	8	0
	3-9			24-35	1.35-1.45	0.2-0.6	0.11-0.17	3.0-6.0	2.0-4.0	.10	.32			
	9-14			35-40	1.35-1.40	0.06-0.2	0.13-0.18	6.0-9.0	1.0-3.0	.10	.28			
	14-21			40-50	1.30-1.35	0.06-0.2	0.11-0.14	6.0-9.0	1.0-3.0	.10	.28			
	21-44			40-50	1.30-1.35	0.06-0.2	0.08-0.14	6.0-9.0	0.5-0.9	.10	.32			
	44-60					0.0015-0.06								
Rock outcrop														
510B:													<u>.</u>	
Schnipps, moist	0-3			20-25	1.40-1.45	0.2-0.6	0.13-0.16	3.0-6.0	2.0-4.0	.17	.37	3	7	38
	3-14			24-32	1.35-1.45	0.2-0.6	0.12-0.19	3.0-6.0	2.0-4.0	.15	.37			
	14-25			32-40	1.35-1.40	0.2-0.6	0.14-0.19	6.0-9.0	1.0-3.0	.17	.43			
	25-49			36-50	1.30-1.40	0.06-0.2	0.11-0.17	6.0-9.0	0.5-0.9	.17	.43			
	49-65					0.06-0.2								
Norcross, wooded	0-3			22-27	1.13-1.27	0.2-0.6	0.11-0.14	3.0-6.0	2.0-4.0	.10	.37	1	8	0
	3-6			26-36	1.11-1.27	0.2-0.6	0.12-0.19	3.0-6.0	2.0-4.0	.17	.43			
	6-10			26-40	1.12-1.28	0.06-0.2	0.12-0.21	6.0-9.0	1.0-3.0	.20	.32			
	10-18			40-55	1.30-1.35	0.06-0.2	0.12-0.16	6.0-9.0	1.0-3.0	.17	.24			
	18-20			45-60	1.30-1.35	0.06-0.2	0.13-0.16	6.0-9.0	0.5-0.9	.17	.20			
	20-31					0.00-0.0015								
	31-35					0.0015-0.06								
515B:						•	•							•
Bumpheads, moist	0-3			20-27	1.35-1.40	0.6-2.0	0.06-0.09	0.0-3.0	2.0-4.0	.10	.32	2	8	0
<b>•</b> • •	3-12			24-35	1.50-1.60	0.2-0.6	0.09-0.13	3.0-6.0	2.0-4.0	.15	.28			
	12-22			32-45	1.25-140	0.2-0.6	0.16-0.19	6.0-9.0	1.0-3.0	.20	.37			
	22-34			40-50	1.20-1.30	0.06-0.2	0.12-0.15	6.0-9.0	0.5-0.9	.15	.24	1		
	34-38					0.0015-0.06						1		
	38-60					0.00-0.0015						1		
Mound	0-3			20-27	1.10-1.30	0.6-2.0	0.12-0.16	3.0-6.0	4.0-6.0	.17	.24	3	7	38
	3-16			20-27	1.10-1.30	0.6-2.0	0.12-0.14	3.0-6.0	4.0-6.0	.17	.24			
	16-42			35-50	1.20-1.40	0.06-0.2	0.11-0.16	6.0-9.0	1.0-3.0	.17	.32			
	42-56					0.0015-0.06								
	56-60					0.0015-0.06								

					Moist Bulk	Permea-	Avail			Erosi	on fact	ors	Wind	Wind
Map symbol and soil name	Depth (inches)	Sand (%)	Silt (%)	Clay (%)	Density (g/cc)	bility (Ksat) In/hr	water capacity (In/in)	Linear extensibility	Organic matter	Kw	Kf	Т	erodibility group	erodibility index
Norcross, wooded	0-3			22-27	1.13-1.27	0.2-0.6	0.11-0.14	3.0-6.0	2.0-4.0	.10	.37	1	8	0
	3-6			26-36	1.11-1.27	0.2-0.6	0.12-0.19	3.0-6.0	2.0-4.0	.17	.43			
	6-10			26-40	1.12-1.28	0.06-0.2	0.12-0.21	6.0-9.0	1.0-3.0	.20	.32			
	10-18			40-55	1.30-1.35	0.06-0.2	0.12-0.16	6.0-9.0	1.0-3.0	.17	.24			
	18-20			45-60	1.30-1.35	0.06-0.2	0.13-0.16	6.0-9.0	0.5-0.9	.17	.20			
	20-31					0.0015-0.06								
	31-35					0.0015-0.06								
517B:														
Bumpheads	0-3			20-27	1.35-1.40	0.6-2.0	0.06-0.09	0.0-3.0	2.0-4.0	.10	.32	2	8	0
	3-12			24-35	1.50-1.60	0.2-0.6	0.09-0.13	3.0-6.0	2.0-4.0	.15	.28			
	12-22			32-45	1.25-140	0.2-0.6	0.16-0.19	6.0-9.0	1.0-3.0	.20	.37			
	22-34			40-50	1.20-1.30	0.06-0.2	0.12-0.15	6.0-9.0	0.5-0.9	.15	.24			
	34-38					0.0015-0.06								
	38-60					0.00-0.0015								
Mound	0-3			20-27	1.10-1.30	0.6-2.0	0.12-0.16	3.0-6.0	4.0-6.0	.17	.24	3	7	38
	3-16			20-27	1.10-1.30	0.6-2.0	0.12-0.14	3.0-6.0	4.0-6.0	.17	.24			
	16-42			35-50	1.20-1.40	0.06-0.2	0.11-0.16	6.0-9.0	1.0-3.0	.17	.32			
	42-56					0.0015-0.06								
	56-60					0.0015-0.06								
Norcross, wooded	0-3			22-27	1.13-1.27	0.2-0.6	0.11-0.14	3.0-6.0	2.0-4.0	.10	.37	1	8	0
	3-6			26-36	1.11-1.27	0.2-0.6	0.12-0.19	3.0-6.0	2.0-4.0	.17	.43			
	6-10			26-40	1.12-1.28	0.06-0.2	0.12-0.21	6.0-9.0	1.0-3.0	.20	.32			
	10-18			40-55	1.30-1.35	0.06-0.2	0.12-0.16	6.0-9.0	1.0-3.0	.17	.24			
	18-20			45-60	1.30-1.35	0.06-0.2	0.13-0.16	6.0-9.0	0.5-0.9	.17	.20			
	20-31					0.0015-0.06								
	31-35					0.0015-0.06								
520B:														
Mound	0-3			20-27	1.10-1.30	0.6-2.0	0.12-0.16	3.0-6.0	4.0-6.0	.17	.24	3	7	38
	3-16			20-27	1.10-1.30	0.6-2.0	0.12-0.14	3.0-6.0	4.0-6.0	.17	.24			
	16-42			35-50	1.20-1.40	0.06-0.2	0.11-0.16	6.0-9.0	1.0-3.0	.17	.32			
	42-56					0.0015-0.06								
	56-60					0.0015-0.06								
Benhall	0-3			18-24	1.40-1.45	0.6-2.0	0.13-0.16	3.0-6.0	2.0-4.0	.20	.32	3	7	38
	3-21			20-25	1.40-1.45	0.6-2.0	0.10-0.16	3.0-6.0	2.0-4.0	.15	.32			
	21-32			27-32	1.35-1.40	0.2-0.6	0.13-0.18	3.0-6.0	1.0-2.0	.28	.10			
	32-38			30-42	1.30-1.40	0.2-0.6	0.10-0.16	6.0-9.0	0.5-0.9	.10	.28			
	38-60					0.2-0.6								

	_	~ -	~	~	Moist Bulk	Permea-	Avail			Erosi	on fact	ors	Wind	Wind
Map symbol and soil name	Depth (inches)	Sand (%)	Silt (%)	Clay (%)	Density (g/cc)	bility (Ksat) In/hr	water capacity (In/in)	Linear extensibility	Organic matter	Kw	Kf	Т	erodibility group	erodibility index
525C:						•								
Mound	0-3			20-27	1.10-1.30	0.6-2.0	0.12-0.16	3.0-6.0	4.0-6.0	.17	.24	3	7	38
	3-16			20-27	1.10-1.30	0.6-2.0	0.12-0.14	3.0-6.0	4.0-6.0	.17	.24			
	16-42			35-50	1.20-1.40	0.06-0.2	0.11-0.16	6.0-9.0	1.0-3.0	.17	.32			
	42-56					0.0015-0.06								
	56-60					0.0015-0.06								
530B:														
Benhall, moist	0-3			18-24	1.40-1.45	0.6-2.0	0.13-0.16	3.0-6.0	2.0-4.0	.20	.32	3	7	38
	3-21			20-25	1.40-1.45	0.6-2.0	0.10-0.16	3.0-6.0	2.0-4.0	.15	.32			
	21-32			27-32	1.35-1.40	0.2-0.6	0.13-0.18	3.0-6.0	1.0-2.0	.28	.10			
	32-38			30-42	1.30-1.40	0.2-0.6	0.10-0.16	6.0-9.0	0.5-0.9	.10	.28			
	38-60					0.2-0.6								
Mound, moist	0-3			20-27	1.10-1.30	0.6-2.0	0.12-0.16	3.0-6.0	4.0-6.0	.17	.24	3	7	38
	3-16			20-27	1.10-1.30	0.6-2.0	0.12-0.14	3.0-6.0	4.0-6.0	.17	.24			
	16-42			35-50	1.20-1.40	0.06-0.2	0.11-0.16	6.0-9.0	1.0-3.0	.17	.32			
	42-56					0.0015-0.06								
	56-60					0.0015-0.06								
532B:														
Tallboy	0-2			18-24	1.40-1.45	0.2-0.6	0.12-0.16	3.0-6.0	2.0-4.0	.20	.37	3	7	38
	2-21			20-27	1.40-1.45	0.2-0.6	0.12-0.16	3.0-6.0	2.0-4.0	.15	.37			
	21-34			32-40	1.35-1.40	0.06-0.2	0.16-0.20	6.0-9.0	1.0-3.0	.17	.28			
	34-46			40-50	1.30-1.35	0.06-0.2	0.10-0.16	6.0-9.0	0.5-2.0	.15	.32			
	46-56					0.0015-0.06								
	56-60					0.0015-0.06								
533C:				•	•	•	•	•		•			•	
Benhall, moist	0-3			18-24	1.40-1.45	0.6-2.0	0.13-0.16	3.0-6.0	2.0-4.0	.20	.32	3	7	38
	3-21			20-25	1.40-1.45	0.6-2.0	0.10-0.16	3.0-6.0	2.0-4.0	.15	.32			
	21-32			27-32	1.35-1.40	0.2-0.6	0.13-0.18	3.0-6.0	1.0-2.0	.28	.10			
	32-38			30-42	1.30-1.40	0.2-0.6	0.10-0.16	6.0-9.0	0.5-0.9	.10	.28			
	38-60					0.2-0.6								
Mound, moist	0-3			20-27	1.10-1.30	0.6-2.0	0.12-0.16	3.0-6.0	4.0-6.0	.17	.24	3	7	38
	3-16			20-27	1.10-1.30	0.6-2.0	0.12-0.14	3.0-6.0	4.0-6.0	.17	.24			
	16-42			35-50	1.20-1.40	0.06-0.2	0.11-0.16	6.0-9.0	1.0-3.0	.17	.32			
	42-56					0.0015-0.06								
	56-60					0.0015-0.06							1	Ì

			0.5		Moist Bulk	Permea-	Avail			Erosi	on fact	ors	Wind	Wind
Map symbol and soil name	Depth (inches)	Sand (%)	Silt (%)	Clay (%)	Density (g/cc)	bility (Ksat) In/hr	water capacity (In/in)	Linear extensibility	Organic matter	Kw	Kf	Т	erodibility group	erodibility index
540C:														
Schnipps, moist	0-3			20-25	1.40-1.45	0.2-0.6	0.13-0.16	3.0-6.0	2.0-4.0	.17	.37	3	7	38
	3-14			24-32	1.35-1.45	0.2-0.6	0.12-0.19	3.0-6.0	2.0-4.0	.15	.37			
	14-25			32-40	1.35-1.40	0.2-0.6	0.14-0.19	6.0-9.0	1.0-3.0	.17	.43			
	25-49			36-50	1.30-1.40	0.06-0.2	0.11-0.17	6.0-9.0	0.5-0.9	.17	.43			
	49-65					0.06-0.2								
Mound	0-3			20-27	1.10-1.30	0.6-2.0	0.12-0.16	3.0-6.0	4.0-6.0	.17	.24	3	7	38
	3-16			20-27	1.10-1.30	0.6-2.0	0.12-0.14	3.0-6.0	4.0-6.0	.17	.24			
	16-42			35-50	1.20-1.40	0.06-0.2	0.11-0.16	6.0-9.0	1.0-3.0	.17	.32			
	42-56					0.0015-0.06								
	56-60					0.0015-0.06								
542B:														
Grohs	0-2			16-24	1.40-1.45	0.2-0.6	0.13-0.16	3.0-6.0	2.0-4.0	.15	.32	2	7	38
	2-5			20-27	1.40-1.45	0.2-0.6	0.11-0.16	3.0-6.0	2.0-4.0	.15	.37			
	5-9			30-40	1.35-1.40	0.2-0.6	0.13-0.19	6.0-9.0	1.0-3.0	.15	.32			
	9-14			35-45	1.30-1.40	0.06-0.2	0.10-0.18	6.0-9.0	1.0-3.0	.15	.32			
	14-23			40-55	1.30-1.35	0.06-0.2	0.11-0.14	6.0-9.0	0.5-2.0	.15	.28			
	23-25					0.0015-0.06								
	25-60					0.0015-0.06								
Carrbutte	0-3			22-27	1.10-1.30	0.6-2.0	0.11-0.15	0.0-3.0	2.0-4.0	.17	.24	3	7	38
	3-10			20-27	1.20-1.40	0.2-0.6	0.09-0.13	3.0-6.0	2.0-4.0	.15	.28			
	10-21			35-45	1.20-1.40	0.2-0.6	0.09-0.12	3.0-6.0	1.0-3.0	.17	.32			
	21-41			40-55	1.20-1.30	0.06-0.2	0.09-0.12	6.0-9.0	0.5-2.0	.15	.24			
	41-57					0.0015-0.06								
	57-61					0.0015-0.06								
543B:	·	•	•	•			•			•			•	
Carrbutte	0-3			22-27	1.10-1.30	0.6-2.0	0.11-0.15	0.0-3.0	2.0-4.0	.17	.24	3	7	38
	3-10			20-27	1.20-1.40	0.2-0.6	0.09-0.13	3.0-6.0	2.0-4.0	.15	.28			
	10-21			35-45	1.20-1.40	0.2-0.6	0.09-0.12	3.0-6.0	1.0-3.0	.17	.32			
	21-41			40-55	1.20-1.30	0.06-0.2	0.09-0.12	6.0-9.0	0.5-2.0	.15	.24			
	41-57					0.0015-0.06								
	57-61					0.0015-0.06								
550C:							•		•				•	•
Menbo	0-4			20-27	1.10-1.30	0.6-2.0	0.07-0.09	3.0-6.0	2.0-4.0	.24	.43	2	7	38
	4-10			20-32	1.35-1.55	0.6-2.0	0.10-0.14	3.0-6.0	2.0-4.0	.15	.37			
	10-20			35-40	1.35-1.55	0.06-0.2	0.06-0.10	6.0-9.0	1.0-3.0	.10	.37			
	20-28			40-50	1.35-1.55	0.06-0.2	0.06-0.10	6.0-9.0	1.0-3.0	.10	.28			
	28-32					0.00-0.0015								1

#### Moist Bulk Permea-Avail Wind Wind **Erosion factors** Silt Clav Map symbol and Depth Sand Linear Organic Density bility (Ksat) erodibility erodibility water soil name (inches) (%) (%) (%) extensibility matter Т Kf Kw (g/cc)In/hr capacity group index 560C: Drakce 0-320-27 1.40-1.45 0.2-0.6 0.12-0.15 3.0-6.0 2.0-4.0.10 .32 3 8 0 ------3-9 ------24-35 1.35-1.45 0.2-0.6 0.11-0.17 3.0-6.0 2.0-4.0.10 .32 9-14 35-40 1.35-1.40 0.06-0.2 0.13-0.18 6.0-9.0 1.0-3.0 .10 .28 -------14-21 1.30-1.35 0.06-0.2 6.0-9.0 1.0-3.0 .28 ---40-50 0.11-0.14 .10 ----21-44 40-50 1.30-1.35 0.06-0.2 0.08-0.14 6.0-9.0 0.5-0.9 .10 .32 -------44-60 0.0015-0.06 -----------------------------Dranket 0-222-27 1.40-1.45 0.2-0.6 0.10-0.14 3.0-6.0 2.0-4.0.10 .32 2 8 0 ------2 - 81.35-1.45 0.2-0.6 1.0-3.0 .32 ------26-34 0.13-0.18 3.0-6.0 .15 .32 8-15 32-40 1.35-1.45 0.2-0.6 0.15-0.19 6.0-9.0 1.0 - 3.0.20 -------15-23 40-55 1.30-1.35 0.06-0.2 0.12-0.16 6.0-9.0 1.0-3.0 .20 .28 ------23-25 45-60 1.30-1.35 0.06-0.2 0.11-0.16 6.0-9.0 0.5-1.0 .20 .28 ------25-28 -------------0.0015-0.06 ---------\_\_\_\_ ---28-32 0.0015-0.06 ---------------------------600A: Boulder Lake 0-4 22-27 1.20-1.40 0.2-0.6 0.19-0.21 1.0-3.0 .32 5 48 ------3.0-6.0 .32 6 4-12 27-40 1.20-1.40 0.2-0.6 0.19-0.21 3.0-6.0 0.5-2.0 .37 .37 ------12 - 38--------40-60 1.30-1.40 0.0015-0.06 0.14-0.17 6.0-9.0 0.0-0.5 .43 .43 38-65 25-40 1.20-1.40 0.06-0.2 0.19-0.21 6.0-9.0 0.0-0.5 .32 .32 ------38 0-4 30-40 1.35-1.40 0.06-0.2 0.19-0.21 6.0-9.0 2.0-4.0.37 .37 4 7 Hippyjim ------0.19-0.21 4-10 ----30-40 1.35-1.40 0.06-0.2 6.0-9.0 2.0-4.0.37 .37 ---10-13 32-38 1.35-1.40 0.06-0.2 0.19-0.21 6.0-9.0 0.5-1.0 .43 -------.43 13-28 50-65 1.30-1.35 0.0015-0.06 0.14-0.16 6.0-9.0 0.5-1.0 .32 .32 ------28-47 0.0015-0.06 6.0-9.0 .32 .32 ---45-55 1.30-1.35 0.14-0.17 0.0-0.5 ---47-62 0.0015-0.06 --------------------------------602A: Boulder Lake 0-422-27 1.20-1.40 0.2-0.6 0.19-0.21 3.0-6.0 1.0 - 3.0.32 .32 5 48 ------6 4-12 ------27-40 1.20-1.40 0.2-0.6 0.19-0.21 3.0-6.0 0.5-2.0 .37 .37 12-38 40-60 1.30-1.40 0.0015-0.06 0.14-0.17 6.0-9.0 0.0-0.5 .43 .43 -------38-65 25-40 1.20-1.40 0.06-0.2 0.19-0.21 6.0-9.0 0.0-0.5 .32 .32 -------605A: Boulder Lake 0-4 22-27 1.20-1.40 0.2-0.6 0.19-0.21 3.0-6.0 1.0-3.0 .32 .32 5 6 48 ------4-12 -------27-40 1.20-1.40 0.2-0.6 0.19-0.21 3.0-6.0 0.5-2.0 .37 .37 12-38 40-60 1.30-1.40 0.0015-0.06 0.14-0.17 6.0-9.0 0.0-0.5 .43 .43 ------.32 .32 38-65 25-40 1.20-1.40 0.06-0.2 0.19-0.21 6.0-9.0 0.0-0.5 -------0-6 27-32 1.30-1.40 0.6-2.0 0.17-0.20 3.0-6.0 2.0-4.0.37 4 7 38 Cressler .37 ------6-15 35-45 1.25-1.35 0.2-0.6 0.14-0.18 6.0-9.0 1.0-3.0 .37 .37 -------15-38 ----35-45 1.25-1.35 0.2-0.6 0.14-0.18 6.0-9.0 1.0-3.0 .43 .43 ----38-48 \_\_\_\_ 1.25-1.35 0.06-0.2 0.14-0.18 6.0-9.0 0.5-1.0 .32 .32 35-45 ---48-60 40-50 1.20-1.30 0.06-0.2 0.03-0.06 6.0-9.0 0.5-1.0 .32 .32 -------

Map symbol and	Depth	Sand	Silt	Clay	Moist Bulk	Permea-	Avail	Linear	Organic	Erosi	on fact	ors	Wind	Wind
soil name	(inches)	(%)	(%)	(%)	Density (g/cc)	bility (Ksat) In/hr	water capacity	extensibility	matter	Kw	Kf	Т	erodibility group	erodibility index
610C:														
Hippyjim	0-4			30-40	1.35-1.40	0.06-0.2	0.19-0.21	6.0-9.0	2.0-4.0	.37	.37	4	7	38
	4-10			30-40	1.35-1.40	0.06-0.2	0.19-0.21	6.0-9.0	2.0-4.0	.37	.37			
	10-13			32-38	1.35-1.40	0.06-0.2	0.19-0.21	6.0-9.0	0.5-1.0	.43	.43			
	13-28			50-65	1.30-1.35	0.0015-0.06	0.14-0.16	6.0-9.0	0.5-1.0	.32	.32			
	28-47			45-55	1.30-1.35	0.0015-0.06	0.14-0.17	6.0-9.0	0.0-0.5	.32	.32			
	47-62					0.0015-0.06								
615A:														
Olene	0-2			40-45	1.30-1.35	0.06-0.2	0.11-0.14	6.0-9.0	2.0-4.0	.24	.32	4	8	0
	2-8			40-45	1.30-1.35	0.06-0.2	0.13-0.15	6.0-9.0	2.0-4.0	.24	.32			
	8-26			50-60	1.30-1.35	0.0015-0.06	0.13-0.16	6.0-9.0	1.0-3.0	.24	.24			
	26-42			45-55	1.30-1.35	0.0015-0.06	0.10-0.14	6.0-9.0	0.5-0.9	.10	.28			
	42-52			40-50	1.30-1.35	0.0015-0.06	0.07-0.13	6.0-9.0	0.0-0.0	.10	.32			
	52-62					0.0015-0.06								
Boulder Lake	0-4			22-27	1.20-1.40	0.2-0.6	0.19-0.21	3.0-6.0	1.0-3.0	.32	.32	5	6	48
	4-12			27-40	1.20-1.40	0.2-0.6	0.19-0.21	3.0-6.0	0.5-2.0	.37	.37			
	12-38			40-60	1.30-1.40	0.0015-0.06	0.14-0.17	6.0-9.0	0.0-0.5	.43	.43			
	38-65			25-40	1.20-1.40	0.06-0.2	0.19-0.21	6.0-9.0	0.0-0.5	.32	.32			

Map symbol and	Depth	Cation exchange c	apacity (meg/100g)	Soil Reaction	Calcium	Gypsum	Salinity	Sodium
soil name	(inches)		(Effective)	( <b>pH</b> )	carbonate (%)	(%)	(mmhos/cm)	adsorption ratio
300A:								
Norcross	0-3	18-22		6.6-7.8	0	0	0	0
	3-6	20-28		6.6-7.8	0	0	0	0
	6-10	20-28		6.6-7.8	0	0	0	0
	10-18	32-44		6.6-7.8	0	0	0	0
	18-20	36-48		6.6-7.8	0	0	0	0
	20-31							
	31-35							
310A:								
Norcross, wooded	0-3	18-22		6.6-7.8	0	0	0	0
	3-6	20-28		6.6-7.8	0	0	0	0
	6-10	20-28		6.6-7.8	0	0	0	0
	10-18	32-44		6.6-7.8	0	0	0	0
	18-20	36-48		6.6-7.8	0	0	0	0
	20-31							
	31-35							
Dranket	0-2	22-30		6.6-7.8	0	0	0	0
	2-8	23-33		6.6-7.8	0	0	0	0
	8-15	28-38		6.6-7.8	0	0	0	0
	15-23	34-49		6.6-7.8	0	0	0	0
	23-25	37-50		6.6-7.8	0	0	0	0
	25-28							
	28-32							
Norcross	0-3	18-22		6.6-7.8	0	0	0	0
	3-6	20-28		6.6-7.8	0	0	0	0
	6-10	20-28		6.6-7.8	0	0	0	0
	10-18	32-44		6.6-7.8	0	0	0	0
	18-20	36-48		6.6-7.8	0	0	0	0
	20-31							
	31-35							
312A:	•			•		•		
Norcross, wooded	0-3	18-22		6.6-7.8	0	0	0	0
	3-6	20-28		6.6-7.8	0	0	0	0
	6-10	20-28		6.6-7.8	0	0	0	0
	10-18	32-44		6.6-7.8	0	0	0	0
	18-20	36-48		6.6-7.8	0	0	0	0
	20-31							
	31-35							

# Table 13. – CHEMICAL PROPERTIES OF THE SOILS (Absence of an entry indicates that data were not estimated.)

Map symbol and	Depth		capacity (meg/100g)	Soil Reaction	Calcium	Gypsum	Salinity	Sodium
soil name	(inches)		(Effective)	( <b>pH</b> )	carbonate (%)	(%)	(mmhos/cm)	adsorption ratio
Dranket	0-2	22-30		6.6-7.8	0	0	0	0
	2-8	23-33		6.6-7.8	0	0	0	0
	8-15	28-38		6.6-7.8	0	0	0	0
	15-23	34-49		6.6-7.8	0	0	0	0
	23-25	37-50		6.6-7.8	0	0	0	0
	25-28							
	28-32							
320A:								
Pankeybasin	0-2	20-28		6.6-7.8	0	0	0	0
-	2-7	23-32		6.6-7.8	0	0	0	0
	7-11	28-38		6.6-7.8	0	0	0	0
	11-19	45-54		6.6-7.8	0	0	0	0
	19-23	32-42		6.6-7.8	0	0	0	0
	23-32							
	32-65							
330B:				-	•			
Casebeer	0-2	22-28		6.6-7.8	0	0	0	0
	2-5	24-35		6.6-7.8	0	0	0	0
	5-8	28-36		6.6-7.8	0	0	0	0
	8-12	31-49		6.6-7.8	0	0	0	0
	12-14	36-49		6.6-7.8	0	0	0	0
	14-26							
	26-30							
	30-60							
Norcross	0-3	18-22		6.6-7.8	0	0	0	0
	3-6	20-28		6.6-7.8	0	0	0	0
	6-10	20-28		6.6-7.8	0	0	0	0
	10-18	32-44		6.6-7.8	0	0	0	0
	18-20	36-48		6.6-7.8	0	0	0	0
	20-31							
	31-35							
Dranket	0-2	22-30		6.6-7.8	0	0	0	0
	2-8	23-33		6.6-7.8	0	0	0	0
	8-15	28-38		6.6-7.8	0	0	0	0
	15-23	34-49		6.6-7.8	0	0	0	0
	23-25	37-50		6.6-7.8	0	0	0	0
	25-28							
	28-32							

Map symbol and	Depth	Cation exchange	capacity (meg/100g)	Soil Reaction	Calcium	Gypsum	Salinity	Sodium	
soil name	(inches)		(Effective)	( <b>pH</b> )	carbonate (%)	(%)	(mmhos/cm)	adsorption ratio	
331B:									
Norcross	0-3	18-22		6.6-7.8	0	0	0	0	
	3-6	20-28		6.6-7.8	0	0	0	0	
	6-10	20-28		6.6-7.8	0	0	0	0	
	10-18	32-44		6.6-7.8	0	0	0	0	
	18-20	36-48		6.6-7.8	0	0	0	0	
	20-31								
	31-35								
Dranket	0-2	22-30		6.6-7.8	0	0	0	0	
	2-8	23-33		6.6-7.8	0	0	0	0	
	8-15	28-38		6.6-7.8	0	0	0	0	
	15-23	34-49		6.6-7.8	0	0	0	0	
	23-25	37-50		6.6-7.8	0	0	0	0	
	25-28								
	28-32								
Casebeer	0-2	22-28		6.6-7.8	0	0	0	0	
	2-5	24-35		6.6-7.8	0	0	0	0	
	5-8	28-36		6.6-7.8	0	0	0	0	
	8-12	31-49		6.6-7.8	0	0	0	0	
	12-14	36-49		6.6-7.8	0	0	0	0	
	14-26								
	26-30								
	30-60								
335B:									
Norcross, wooded	0-3	18-22		6.6-7.8	0	0	0	0	
	3-6	20-28		6.6-7.8	0	0	0	0	
	6-10	20-28		6.6-7.8	0	0	0	0	
	10-18	32-44		6.6-7.8	0	0	0	0	
	18-20	36-48		6.6-7.8	0	0	0	0	
	20-31								
	31-35								
Casebeer	0-2	22-28		6.6-7.8	0	0	0	0	
	2-5	24-35		6.6-7.8	0	0	0	0	
	5-8	28-36		6.6-7.8	0	0	0	0	
	8-12	31-49		6.6-7.8	0	0	0	0	
	12-14	36-49		6.6-7.8	0	0	0	0	
	14-26								
	26-30								
	30-60								

Map symbol and	Depth	Cation exchange	capacity (meg/100g)	Soil Reaction	Calcium	Gypsum	Salinity	Sodium
soil name	(inches)		(Effective)	( <b>pH</b> )	carbonate (%)	(%)	(mmhos/cm)	adsorption ratio
340A:								
Norcross	0-3	18-22		6.6-7.8	0	0	0	0
	3-6	20-28		6.6-7.8	0	0	0	0
	6-10	20-28		6.6-7.8	0	0	0	0
	10-18	32-44		6.6-7.8	0	0	0	0
	18-20	36-48		6.6-7.8	0	0	0	0
	20-31							
	31-35							
Casebeer	0-2	22-28		6.6-7.8	0	0	0	0
	2-5	24-35		6.6-7.8	0	0	0	0
	5-8	28-36		6.6-7.8	0	0	0	0
	8-12	31-49		6.6-7.8	0	0	0	0
	12-14	36-49		6.6-7.8	0	0	0	0
	14-26							
	26-30							
	30-60							
342A:	· · · · ·			•	·	•	•	
Casebeer	0-2	22-28		6.6-7.8	0	0	0	0
	2-5	24-35		6.6-7.8	0	0	0	0
	5-8	28-36		6.6-7.8	0	0	0	0
	8-12	31-49		6.6-7.8	0	0	0	0
	12-14	36-49		6.6-7.8	0	0	0	0
	14-26							
	26-30							
	30-60							
343A:				<u>.</u>	•			
Jennett	0-2	20-30		7.4-8.4	0	0	0	0
	2-8	20-30		7.4-8.4	0	0	0	0
	8-13	27-34		7.4-8.4	0	0	0	0
	13-21	29-46		7.4-8.4	0	0	0	0
	21-36			7.4-8.4				
	36-62			7.4-8.4				

Map symbol and	Depth	Cation exchange	capacity (meg/100g)	Soil Reaction	Calcium	Gypsum	Salinity	Sodium	
soil name	(inches)		(Effective)	( <b>pH</b> )	carbonate (%)	(%)	(mmhos/cm)	adsorption ratio	
344A:									
Norcross, ponded	0-3	18-22		6.6-7.8	0	0	0	0	
•	3-6	20-28		6.6-7.8	0	0	0	0	
	6-10	20-28		6.6-7.8	0	0	0	0	
	10-18	32-44		6.6-7.8	0	0	0	0	
	18-20	36-48		6.6-7.8	0	0	0	0	
	20-31								
	31-35								
Boulder Lake	0-4	20-28		6.6-7.8	0	0	0	0	
	4-12	22-36		6.6-7.8	0	0	0	0	
	12-38	32-50		6.6-7.8	0-2	0	0	0	
	38-65	20-32		7.4-8.4	2-5	0	0	0	
Jennett	0-2	20-30		7.4-8.4	0	0	0	0	
	2-8	20-30		7.4-8.4	0	0	0	0	
	8-13	27-34		7.4-8.4	0	0	0	0	
	13-21	29-46		7.4-8.4	0	0	0	0	
	21-36			7.4-8.4					
	36-62			7.4-8.4					
345A:									
Casebeer	0-2	22-28		6.6-7.8	0	0	0	0	
	2-5	24-35		6.6-7.8	0	0	0	0	
	5-8	28-36		6.6-7.8	0	0	0	0	
	8-12	31-49		6.6-7.8	0	0	0	0	
	12-14	36-49		6.6-7.8	0	0	0	0	
	14-26								
	26-30								
	30-60								
Pankeybasin, stony	0-2	20-28		6.6-7.8	0	0	0	0	
	2-7	23-32		6.6-7.8	0	0	0	0	
	7-11	28-38		6.6-7.8	0	0	0	0	
	11-19	45-54		6.6-7.8	0	0	0	0	
	19-23	32-42		6.6-7.8	0	0	0	0	
	23-32								
	32-65								
350B:					-				
Woolencanyon	0-2	26-34		6.6-7.8	0	0	0	0	
	2-5	30-44		6.6-7.8	0	0	0	0	
	5-12	42-56		7.4-7.8	0	0	0	0	
	12-18			7.4-8.4					
	19-23								

Map symbol and	Depth	Cation exchange	capacity (meg/100g)	Soil Reaction	Calcium	Gypsum	Salinity	Sodium
soil name	(inches)		(Effective)	( <b>pH</b> )	carbonate (%)	(%)	(mmhos/cm)	adsorption ratio
Notchcorral	0-3	22-30		6.6-7.8	0	0	0	0
	3-6	26-40		6.6-7.8	0	0	0	0
	6-11	34-46		6.6-7.8	0	0	0	0
	11-22	45-54		6.6-7.8	0	0	0	0
	22-31							
	31-50							
	50-60							
Wonser	0-2	22-30		6.6-7.8	0	0	0	0
	2-4	28-40		6.6-7.8	0	0	0	0
	4-6	34-50		7.4-8.4	0	0	0	0
	6-13	42-54		7.4-8.4	0	0	0	0
	13-15			7.4-8.4				
	15-19							
360B:								
Devaul	0-3	20-34		6.1-7.3	0	0	0	0
	3-12	20-34		6.1-7.3	0	0	0	0
	12-18	26-36		6.1-7.8	0	0	0	0
	18-33	27-33		6.1-7.8	0	0	0	0
	33-42	27-33		6.1-7.8	0	0	0	0
	42-56	26-33		6.1-7.8	0	0	0	0
	56-66							
Norcross, wooded	0-3	18-22		6.6-7.8	0	0	0	0
	3-6	20-28		6.6-7.8	0	0	0	0
	6-10	20-28		6.6-7.8	0	0	0	0
	10-18	32-44		6.6-7.8	0	0	0	0
	18-20	36-48		6.6-7.8	0	0	0	0
	20-31							
	31-35							
362B:								
Casebeer	0-2	22-28		6.6-7.8	0	0	0	0
	2-5	24-35		6.6-7.8	0	0	0	0
	5-8	28-36		6.6-7.8	0	0	0	0
	8-12	31-49		6.6-7.8	0	0	0	0
	12-14	36-49		6.6-7.8	0	0	0	0
	14-26							
	26-30							
	30-60							

Map symbol and	Depth	Cation exchange	capacity (meg/100g)	Soil Reaction	Calcium	Gypsum	Salinity	Sodium
soil name	(inches)		(Effective)	( <b>pH</b> )	carbonate (%)	(%)	(mmhos/cm)	adsorption ratio
Devaul	0-3	20-34		6.1-7.3	0	0	0	0
	3-12	20-34		6.1-7.3	0	0	0	0
	12-18	26-36		6.1-7.8	0	0	0	0
	18-33	27-33		6.1-7.8	0	0	0	0
	33-42	27-33		6.1-7.8	0	0	0	0
	42-56	26-33		6.1-7.8	0	0	0	0
	56-66							
Norcross, wooded	0-3	18-22		6.6-7.8	0	0	0	0
	3-6	20-28		6.6-7.8	0	0	0	0
	6-10	20-28		6.6-7.8	0	0	0	0
	10-18	32-44		6.6-7.8	0	0	0	0
	18-20	36-48		6.6-7.8	0	0	0	0
	20-31							
	31-35							
370B:								
Widmer	0-3	20-30		6.6-7.8	0	0	0	0
	3-8	30-42		6.6-7.8	0	0	0	0
	8-12	30-46		7.4-7.8	0	0	0	0
	12-18	38-46		7.4-7.8	0	0	0	0
	18-31	18-23		7.4-8.4	0	0	0	0
	31-41							
	41-51							
Lorella	0-2	15-25		6.1-7.3	0	0	0.0-2.0	0
	2-6	20-35		6.6-7.8	0	0	0.0-2.0	0
	6-13	20-45		6.6-7.8	0	0	0.0-2.0	0
	13-19	20-45		6.6-7.8	0	0	1.0-3.0	0
	19-23				0	0		0
380C:					•			
Menbo, cool	0-4	20-30		6.1-7.3	0	0	0	0
	4-10	20-34		6.6-7.3	0	0	0	0
	10-20	30-36		6.6-7.3	0	0	0	0
	20-28	34-46		6.6-7.3	0	0	0	0
	28-32							
Drakce	0-3	20-31		6.6-7.3	0	0	0	0
	3-9	23-31		6.6-7.3	0	0	0	0
	9-14	30-38		6.6-7.3	0	0	0	0
	14-21	34-44		6.6-7.8	0	0	0	0
	21-44	33-45		6.6-7.8	0	0	0	0
	44-60							
Rock outcrop								

Map symbol and	Depth	Cation exchange	capacity (meg/100g)	Soil Reaction	Calcium	Gypsum	Salinity	Sodium
soil name	(inches)		(Effective)	(pH)	carbonate (%)	(%)	(mmhos/cm)	adsorption ratio
390A:								
Teeltruc	0-15	32-80		6.1-7.3	0	0	0	0
	15-26	34-80		6.6-7.3	0	0	0	0
	26-51	34-80		6.6-7.3	0	0	0	0
	51-61	34-80		6.6-7.3	0	0	0	0
	61-65							
392B:								
Teeltruc	0-15	32-80		6.1-7.3	0	0	0	0
	15-26	34-80		6.6-7.3	0	0	0	0
	26-51	34-80		6.6-7.3	0	0	0	0
	51-61	34-80		6.6-7.3	0	0	0	0
	61-65							
Schnipps, moist	0-3	20-28		6.1-7.3	0	0	0	0
• •	3-14	23-32		6.1-7.3	0	0	0	0
	14-25	28-38		6.1-7.3	0	0	0	0
	25-49	0.0-41		6.1-7.3	0	0	0	0
	49-65							
400C:							•	
Schnipps	0-3	20-28		6.1-7.3	0	0	0	0
•	3-14	23-32		6.1-7.3	0	0	0	0
	14-25	28-38		6.1-7.3	0	0	0	0
	25-49	0.0-41		6.1-7.3	0	0	0	0
	49-65							
402C:							•	
Devaul	0-3	20-34		6.1-7.3	0	0	0	0
	3-12	20-34		6.1-7.3	0	0	0	0
	12-18	26-36		6.1-7.8	0	0	0	0
	18-33	27-33		6.1-7.8	0	0	0	0
	33-42	27-33		6.1-7.8	0	0	0	0
	42-56	26-33		6.1-7.8	0	0	0	0
	56-66							
Schnipps	0-3	20-28		6.1-7.3	0	0	0	0
	3-14	23-32		6.1-7.3	0	0	0	0
	14-25	28-38		6.1-7.3	0	0	0	0
	25-49	0.0-41		6.1-7.3	0	0	0	0
	49-65							

Map symbol and	Depth	Cation exchange	capacity (meg/100g)	Soil Reaction	Calcium	Gypsum	Salinity	Sodium
soil name	(inches)		(Effective)	( <b>pH</b> )	carbonate (%)	(%)	(mmhos/cm)	adsorption ratio
410D:								
Drakce	0-3	20-31		6.6-7.3	0	0	0	0
	3-9	23-31		6.6-7.3	0	0	0	0
	9-14	30-38		6.6-7.3	0	0	0	0
	14-21	34-44		6.6-7.8	0	0	0	0
	21-44	33-45		6.6-7.8	0	0	0	0
	44-60							
Rock outcrop	0-60							
500C:								
Mound	0-3	24-32		5.6-6.5	0	0	0	0
	3-16	24-32		5.6-6.5	0	0	0	0
	16-42	30-46		6.1-7.3	0	0	0	0
	42-56							
	56-60							
Royst	0-6	22-30		5.6-6.5	0	0	0	0
	6-13	22-30		5.6-6.5	0	0	0	0
	13-26	30-38		6.1-7.3	0	0	0	0
	26-38	34-42		6.1-7.3	0	0	0	0
	38-45							
	45-60							
Rock outcrop	0-60							
505D:								
Menbo	0-4	20-30		6.1-7.3	0	0	0	0
	4-10	20-34		6.6-7.3	0	0	0	0
	10-20	30-36		6.6-7.3	0	0	0	0
	20-28	34-46		6.6-7.3	0	0	0	0
	28-32							
Drakce	0-3	20-31		6.6-7.3	0	0	0	0
	3-9	23-31		6.6-7.3	0	0	0	0
	9-14	30-38		6.6-7.3	0	0	0	0
	14-21	34-44		6.6-7.8	0	0	0	0
	21-44	33-45		6.6-7.8	0	0	0	0
	44-60							
Rock outcrop	0-60							
510B:							-	
Schnipps, moist	0-3	20-28		6.1-7.3	0	0	0	0
	3-14	23-32		6.1-7.3	0	0	0	0
	14-25	28-38		6.1-7.3	0	0	0	0
	25-49	0.0-41		6.1-7.3	0	0	0	0
	49-65							

Map symbol and	Depth	Cation exchange	capacity (meg/100g)	Soil Reaction	Calcium	Gypsum	Salinity	Sodium
soil name	(inches)		(Effective)	( <b>pH</b> )	carbonate (%)	(%)	(mmhos/cm)	adsorption ratio
Norcross, wooded	0-3	18-22		6.6-7.8	0	0	0	0
	3-6	20-28		6.6-7.8	0	0	0	0
	6-10	20-28		6.6-7.8	0	0	0	0
	10-18	32-44		6.6-7.8	0	0	0	0
	18-20	36-48		6.6-7.8	0	0	0	0
	20-31							
	31-35							
515B:					•			
Bumpheads, moist	0-3	18-30		6.1-7.3	0	0	0	0
-	3-12	23-36		6.1-7.3	0	0	0	0
	12-22	28-42		6.1-7.3	0	0	0	0
	22-34	33-42		6.1-7.3	0	0	0	0
	34-38							
	38-60							
Mound	0-3	24-32		5.6-6.5	0	0	0	0
	3-16	24-32		5.6-6.5	0	0	0	0
	16-42	30-46		6.1-7.3	0	0	0	0
	42-56							
	56-60							
Norcross, wooded	0-3	18-22		6.6-7.8	0	0	0	0
· ·	3-6	20-28		6.6-7.8	0	0	0	0
	6-10	20-28		6.6-7.8	0	0	0	0
	10-18	32-44		6.6-7.8	0	0	0	0
	18-20	36-48		6.6-7.8	0	0	0	0
	20-31							
	31-35							
517B:					•		•	
Bumpheads	0-3	18-30		6.1-7.3	0	0	0	0
*	3-12	23-36		6.1-7.3	0	0	0	0
	12-22	28-42		6.1-7.3	0	0	0	0
	22-34	33-42		6.1-7.3	0	0	0	0
	34-38							
	38-60							
Mound	0-3	24-32		5.6-6.5	0	0	0	0
	3-16	24-32		5.6-6.5	0	0	0	0
	16-42	30-46		6.1-7.3	0	0	0	0
	42-56							
	56-60							

Map symbol and	Depth	Cation exchange	capacity (meg/100g)	Soil Reaction	Calcium	Gypsum	Salinity	Sodium
soil name	(inches)		(Effective)	( <b>pH</b> )	carbonate (%)	(%)	(mmhos/cm)	adsorption ratio
Norcross, wooded	0-3	18-22		6.6-7.8	0	0	0	0
	3-6	20-28		6.6-7.8	0	0	0	0
	6-10	20-28		6.6-7.8	0	0	0	0
	10-18	32-44		6.6-7.8	0	0	0	0
	18-20	36-48		6.6-7.8	0	0	0	0
	20-31							
	31-35							
520B:				•				
Mound	0-3	24-32		5.6-6.5	0	0	0	0
	3-16	24-32		5.6-6.5	0	0	0	0
	16-42	30-46		6.1-7.3	0	0	0	0
	42-56							
	56-60							
Benhall	0-3	14-19		6.1-7.3	0	0	0	0
	3-21	16-20		6.1-7.3	0	0	0	0
	21-32	22-26		6.1-6.5	0	0	0	0
	32-38	24-34		6.1-6.5	0	0	0	0
	38-60							
525C:							•	
Mound	0-3	24-32		5.6-6.5	0	0	0	0
	3-16	24-32		5.6-6.5	0	0	0	0
	16-42	30-46		6.1-7.3	0	0	0	0
	42-56							
	56-60							
530B:				•		•	•	
Benhall, moist	0-3	14-19		6.1-7.3	0	0	0	0
·	3-21	16-20		6.1-7.3	0	0	0	0
	21-32	22-26		6.1-6.5	0	0	0	0
	32-38	24-34		6.1-6.5	0	0	0	0
	38-60							
Mound, moist	0-3	24-32		5.6-6.5	0	0	0	0
,	3-16	24-32		5.6-6.5	0	0	0	0
	16-42	30-46		6.1-7.3	0	0	0	0
	42-56							
	56-60							

Map symbol and	Depth	Cation exchange	capacity (meg/100g)	Soil Reaction	Calcium	Gypsum	Salinity	Sodium
soil name	(inches)		(Effective)	( <b>pH</b> )	carbonate (%)	(%)	(mmhos/cm)	adsorption ratio
532B:								
Tallboy	0-2	18-27		6.1-7.3	0	0	0	0
	2-21	20-30		6.1-7.3	0	0	0	0
	21-34	28-38		6.1-7.3	0	0	0	0
	34-46	33-44		6.1-7.3	0	0	0	0
	46-56							
	56-60							
533C:	•			•			•	
Benhall, moist	0-3	14-19		6.1-7.3	0	0	0	0
	3-21	16-20		6.1-7.3	0	0	0	0
	21-32	22-26		6.1-6.5	0	0	0	0
	32-38	24-34		6.1-6.5	0	0	0	0
	38-60							
Mound, moist	0-3	24-32		5.6-6.5	0	0	0	0
,	3-16	24-32		5.6-6.5	0	0	0	0
	16-42	30-46		6.1-7.3	0	0	0	0
	42-56							
	56-60							
540C:						1	•	
Schnipps, moist	0-3	20-28		6.1-7.3	0	0	0	0
••	3-14	23-32		6.1-7.3	0	0	0	0
	14-25	28-38		6.1-7.3	0	0	0	0
	25-49	0.0-41		6.1-7.3	0	0	0	0
	49-65							
Mound	0-3	24-32		5.6-6.5	0	0	0	0
	3-16	24-32		5.6-6.5	0	0	0	0
	16-42	30-46		6.1-7.3	0	0	0	0
	42-56							
	56-60							
542B:						1	•	
Grohs	0-2	17-27		6.6-7.8	0	0	0	0
	2-5	20-30		6.6-7.8	0	0	0	0
	5-9	26-38		6.6-7.8	0	0	0	0
	9-14	30-42		6.6-7.8	0	0	0	0
	14-23	33-48		6.6-7.8	0	0	0	0
	23-25							
	25-60							

Map symbol and	Depth	Cation exchange	capacity (meg/100g)	Soil Reaction	Calcium	Gypsum	Salinity	Sodium
soil name	(inches)		(Effective)	( <b>pH</b> )	carbonate (%)	(%)	(mmhos/cm)	adsorption ratio
Carrbutte	0-3	20-32		6.1-7.3	0	0	0	0
	3-10	20-30		6.1-7.3	0	0	0	0
	10-21	30-42		6.6-7.3	0	0	0	0
	21-41	33-48		6.6-7.3	0	0	0	0
	41-57							
	57-61							
543B:								
Carrbutte	0-3	20-32		6.1-7.3	0	0	0	0
	3-10	20-30		6.1-7.3	0	0	0	0
	10-21	30-42		6.6-7.3	0	0	0	0
	21-41	33-48		6.6-7.3	0	0	0	0
	41-57							
	57-61							
550C:								
Menbo	0-4	20-30		6.1-7.3	0	0	0	0
	4-10	20-34		6.6-7.3	0	0	0	0
	10-20	30-36		6.6-7.3	0	0	0	0
	20-28	34-46		6.6-7.3	0	0	0	0
	28-32							
560C:								
Drakce	0-3	20-31		6.6-7.3	0	0	0	0
	3-9	23-31		6.6-7.3	0	0	0	0
	9-14	30-38		6.6-7.3	0	0	0	0
	14-21	34-44		6.6-7.8	0	0	0	0
	21-44	33-45		6.6-7.8	0	0	0	0
	44-60							
Dranket	0-2	22-30		6.6-7.8	0	0	0	0
	2-8	23-33		6.6-7.8	0	0	0	0
	8-15	28-38		6.6-7.8	0	0	0	0
	15-23	34-49		6.6-7.8	0	0	0	0
	23-25	37-50		6.6-7.8	0	0	0	0
	25-28							
	28-32							
600A:								
Boulder Lake	0-4	20-28		6.6-7.8	0	0	0	0
	4-12	22-36		6.6-7.8	0	0	0	0
	12-38	32-50		6.6-7.8	0-2	0	0	0
	38-65	20-32		7.4-8.4	2-5	0	0	0

Map symbol and	Depth	Cation exchange	capacity (meg/100g)	Soil Reaction	Calcium	Gypsum	Salinity	Sodium
soil name	(inches)		(Effective)	( <b>pH</b> )	carbonate (%)	(%)	(mmhos/cm)	adsorption ratio
Hippyjim	0-4	28-40		6.1-7.3	0	0	0	0
	4-10	28-40		6.1-7.3	0	0	0	0
	10-13	27-32		6.6-7.8	0	0	0	0
	13-28	41-54		6.6-7.8	0	0	0	0
	28-47	36-45		6.6-7.8	0	0	0	0
	47-62							
602A:								
Boulder Lake	0-4	20-28		6.6-7.8	0	0	0	0
	4-12	22-36		6.6-7.8	0	0	0	0
	12-38	32-50		6.6-7.8	0-2	0	0	0
	38-65	20-32		7.4-8.4	2-5	0	0	0
605A:	·							
Boulder Lake	0-4	20-28		6.6-7.8	0	0	0	0
	4-12	22-36		6.6-7.8	0	0	0	0
	12-38	32-50		6.6-7.8	0-2	0	0	0
	38-65	20-32		7.4-8.4	2-5	0	0	0
Cressler	0-6	30-40		5.6-6.5	0	0	0	0
	6-15	25-40		6.1-7.3	0	0	0	0
	15-38	25-30		6.1-7.3	0	0	0	0
	38-48	25-35		6.1-7.3	0	0	0	0
	48-60	30-35		6.1-7.3	0	0	0	0
610A:						•	•	
Hippyjim	0-4	28-40		6.1-7.3	0	0	0	0
	4-10	28-40		6.1-7.3	0	0	0	0
	10-13	27-32		6.6-7.8	0	0	0	0
	13-28	41-54		6.6-7.8	0	0	0	0
	28-47	36-45		6.6-7.8	0	0	0	0
	47-62							
615A:						•	•	
Olene	0-2	36-44		6.6-7.8	0	0	0	0
	2-8	36-44		6.6-7.8	0	0	0	0
	8-26	42-54		6.6-7.8	0	0	0	0
	26-42	37-46		6.6-7.8	0	0	0	0
	42-52	32-40		6.6-7.8	0	0	0	0
	52-62							
Boulder Lake	0-4	20-28		6.6-7.8	0	0	0	0
	4-12	22-36		6.6-7.8	0	0	0	0
	12-38	32-50		6.6-7.8	0-2	0	0	0
	38-65	20-32		7.4-8.4	2-5	0	0	0

#### Table 14.—WATER FEATURES

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

Man Greekal	Hydrologic		Water	r table		Ponding		Flooding	
Map Symbol and Soil Name	group	Month	Upper limit (feet)	Lower limit (feet)	Surface water depth (feet)	Duration	Frequency	Duration	Frequency
300A:	•	•	•	•	· · · · ·				
Norcross	D	Jan-Dec.					none		none
310A:									
Norcross,wooded	D	Jan-Dec.					none		none
Dranket	С	Jan-Dec.					none		none
Norcross	D	Jan-Dec.					none		none
312A:									
Norcross, wooded	D	Jan-Dec.					none		none
Dranket	С	Jan-Dec.					none		none
320A:									
Pankeybasin	С	Jan-Dec.					none		none
330B:									
Casebeer	D	Jan-Dec.					none		none
Norcross	D	Jan-Dec.					none		none
Dranket	С	Jan-Dec.					none		none
331B:									
Norcross	D	Jan-Dec.					none		none
Dranket	С	Jan-Dec.					none		none
Casebeer	D	Jan-Dec.					none		none
335B:									
Norcross, wooded	D	Jan-Dec.					none		none
Casebeer	D	Jan-Dec.					none		none
340A:									
Norcross	D	Jan-Dec.					none		none
Casebeer	D	Jan-Dec.					none		none
342A:									
Casebeer	D	Jan-Dec.					none		none

Map Symbol	Hydrologic		Water	r table		Ponding		Flooding		
and Soil Name	group	Month	Upper limit (feet)	Lower limit (feet)	Surface water depth (feet)	Duration	Frequency	Duration	Frequency	
343A:									1	
Jennett	C	January	0.8-1.7	1.0-2.0	0.1-0.3	Long	Frequent		none	
		February	0.8-1.7	1.0-2.0	0.2-0.3	Long	Frequent		none	
		March	0.8-1.7	1.0-2.0	0.3-0.4	Long	Frequent		none	
		April	0.8-1.7	1.0-2.0	0.2-0.3	Brief	Occasional		none	
		May	0.8-1.7	1.0-2.0	0.1-0.3	Very brief	Rare		none	
		June			0.0-0.2	Very brief	Rare		none	
	Jul Au Ser	July			0.0-0.2	Very brief	Rare		none	
		August			0.0-0.2	Very brief	Rare		none	
		September			0.0-0.2	Very brief	Rare		none	
		October			0.0-0.2	Very brief	Rare		none	
		November			0.0-0.2	Very brief	Rare		none	
		December	0.8-1.7	1.0-2.0	0.1-0.3	Brief	Occasional		none	
344A:				•						
Norcross, ponded	D	Jan-Dec.					none		none	
Boulder Lake	D	February	0.0	>6.0	0.0-1.0	Long	Frequent		none	
		March	0.0	>6.0	0.0-1.0	Long	Frequent		none	
		April	0.0	>6.0	0.0-1.0	Long	Frequent		none	
		May	0.0	>6.0	0.0-1.0	Long	Occasional		none	
		June	0.0	>6.0	0.0-1.0	Long	Rare		none	
		July			0.0-0.2	Brief	Rare		none	
		August			0.0-0.2	Very brief	Rare		none	
		September			0.0-0.2	Very brief	Rare		none	
		October			0.0-0.2	Very brief	Rare		none	
		November			0.0-0.2	Very brief	Rare		none	
		December			0.0-0.2	Brief	Rare		none	
Jennett	С	January	0.8-1.7	1.0-2.0	0.1-0.3	Long	Frequent		none	
		February	0.8-1.7	1.0-2.0	0.2-0.3	Long	Frequent		none	
		March	0.8-1.7	1.0-2.0	0.3-0.4	Long	Frequent		none	
		April	0.8-1.7	1.0-2.0	0.2-0.3	Brief	Occasional		none	
		May	0.8-1.7	1.0-2.0	0.1-0.3	Very brief	Rare		none	
		June			0.0-0.2	Very brief	Rare		none	
		July			0.0-0.2	Very brief	Rare		none	
		August			0.0-0.2	Very brief	Rare		none	
		September			0.0-0.2	Very brief	Rare		none	
	l I	October			0.0-0.2	Very brief	Rare		none	
	l I	November			0.0-0.2	Very brief	Rare		none	
		December	0.8-1.7	1.0-2.0	0.1-0.3	Brief	Occasional		none	

Map Symbol	Hydrologic	drologie		r table	Ponding			Flooding	
and Soil Name	group	Month	Upper limit (feet)	Lower limit (feet)	Surface water depth (feet)	Duration	Frequency	Duration	Frequency
345A:			• · · ·	• • •	• • • •				•
Casebeer	D	Jan-Dec.					none		none
Pankeybasin, stony	С	Jan-Dec.					none		none
350B:									
Woolencanyon	D	Jan-Dec.					none		none
Notchcorral	С	Jan-Dec.					none		none
Wonser	D	Jan-Dec.					none		none
360B									
Devaul	В	Jan-Dec.					none		none
Norcross, wooded	D	Jan-Dec.					none		none
362B:									·
Casebeer	D	Jan-Dec.					none		none
Devaul	В	Jan-Dec.					none		none
Norcross, wooded	D	Jan-Dec.					none		none
370B:				•					•
Widmer	С	Jan-Dec.					none		none
Lorella	D	Jan-Dec.					none		none
380C:			•	•					• •
Menbo, cool	С	Jan-Dec.					none		none
Drakce	С	Jan-Dec.					none		none
Rock outcrop		Jan-Dec.					none		none
390A:			•	•					• •
Teeltruc	В	Jan-Dec.					none		none
392B:				•					•
Teeltruc	В	Jan-Dec.					none		none
Schnipps, moist	С	Jan-Dec.					none		none
400C:									
Schnipps	С	Jan-Dec.					none		none
402C:									
Devaul	В	Jan-Dec.					none		none
Schnipps	С	Jan-Dec.					none		none
410D:									
Drakce	C	Jan-Dec.					none		none
Rock outcrop		Jan-Dec.					none		none
500C:									·
Mound	C	Jan-Dec.					none		none
Royst	С	Jan-Dec.					none		none
Rock outcrop							none		none

Map Symbol	Hydrologic	drologic	Water	r table	Ponding			Flooding	
and Soil Name	group	Month	Upper limit (feet)	Lower limit (feet)	Surface water depth (feet)	Duration	Frequency	Duration	Frequency
505D:									
Menbo	С	Jan-Dec.					none		none
Drakce	С	Jan-Dec.					none		none
Rock outcrop		Jan-Dec.					none		none
510B:							•		•
Schnipps, moist	С	Jan-Dec.					none		none
Norcross, wooded	D	Jan-Dec.					none		none
515B									
Devaul	В	Jan-Dec.					none		none
Norcross, wooded	D	Jan-Dec.					none		none
362B:				L			•		
Bumpheads, moist	С	Jan-Dec.					none		none
Mound	С	Jan-Dec.					none		none
Norcross, wooded	D	Jan-Dec.					none		none
517B:				L					
Bumpheads, moist	С	Jan-Dec.					none		none
Mound	C	Jan-Dec.					none		none
Norcross, wooded	D	Jan-Dec.					none		none
520B:				L					
Mound	С	Jan-Dec.					none		none
Benhall	C	Jan-Dec.					none		none
525C:									
Mound	С	Jan-Dec.					none		none
530B:				I.					•
Benhall, moist	С	Jan-Dec.					none		none
Mound, moist	С	Jan-Dec.					none		none
532B:									
Tallboy	С	Jan-Dec.					none		none
533C:			•				•		•
Benhall, moist	С	Jan-Dec.					none		none
Mound, moist	С	Jan-Dec.					none		none
540C:									
Schnipps, moist	C	Jan-Dec.					none		none
Mound	С	Jan-Dec.					none		none
542B:			•				•	-	•
Grohs	C	Jan-Dec.					none		none
Carrbutte	C	Jan-Dec.					none		none
543B:				1			1		
Carrbutte	C	Jan-Dec.					none		none
		=	4	Į	ļ		1		

Man Granhal	Hadaalaata		Water	r table		Ponding		Flooding	
Map Symbol and Soil Name	Hydrologic group	Month	Upper limit (feet)	Lower limit (feet)	Surface water depth (feet)	Duration	Frequency	Duration	Frequency
550C:		•	• • •	• • •	• • • •				•
Menbo	С	Jan-Dec.					none		none
560C:									
Drakce	С	Jan-Dec.					none		none
Dranket	С	Jan-Dec.					none		none
600A:									
Boulder Lake	D	February	0.0	>6.0	0.0-1.0	Long	Frequent		none
		March	0.0	>6.0	0.0-1.0	Long	Frequent		none
		April	0.0	>6.0	0.0-1.0	Long	Frequent		none
		May	0.0	>6.0	0.0-1.0	Long	Occasional		none
		June	0.0	>6.0	0.0-1.0	Long	Rare		none
		July			0.0-0.2	Brief	Rare		none
		August			0.0-0.2	Very brief	Rare		none
		September			0.0-0.2	Very brief	Rare		none
		October			0.0-0.2	Very brief	Rare		none
		November			0.0-0.2	Very brief	Rare		none
		December			0.0-0.2	Brief	Rare		none
Hippyjim	D	January	0.0	>6.0	0.3-0.7	Very long	Frequent		none
		February	0.0	>6.0	0.5-0.8	Very long	Frequent		none
		March	0.0	>6.0	0.8-1.7	Very long	Frequent		none
		April	0.0-0.8	>6.0	0.8-1.7	Very long	Frequent		none
		May	0.0-2.0	>6.0	0.5-0.8	Long	Frequent		none
		June	0.8-2.5	>6.0	0.3-0.7	Long	Frequent		none
		July	1.2-2.9	>6.0	0.2-0.5	Long	Occasional		none
		August	1.2-2.9	>6.0	0.1-0.3	Brief	Rare		none
		September	1.7-3.3	>6.0	0.0-0.1	Brief	Rare		none
		October	1.2-2.9	>6.0	0.0-0.1	Brief	Occasional		none
		November	0.8-2.5	>6.0	0.1-0.2	Brief	Occasional		none
		December	0.0-0.8	>6.0	0.1-0.3	Long	Occasional		none

Map Symbol	Hydrologic		Water	r table		Ponding		Flooding	
and Soil Name	group	Month	Upper limit (feet)	Lower limit (feet)	Surface water depth (feet)	Duration	Frequency	Duration	Frequency
602A:									
Boulder Lake	D	February	0.0	>6.0	0.0-1.0	Long	Frequent		none
		March	0.0	>6.0	0.0-1.0	Long	Frequent		none
		April	0.0	>6.0	0.0-1.0	Long	Frequent		none
		May	0.0	>6.0	0.0-1.0	Long	Occasional		none
		June	0.0	>6.0	0.0-1.0	Long	Rare		none
		July			0.0-0.2	Brief	Rare		none
		August			0.0-0.2	Very brief	Rare		none
		September			0.0-0.2	Very brief	Rare		none
		October			0.0-0.2	Very brief	Rare		none
		November			0.0-0.2	Very brief	Rare		none
		December			0.0-0.2	Brief	Rare		none
605A:	•								
Boulder Lake	D	February	0.0	>6.0	0.0-1.0	Long	Frequent		none
		March	0.0	>6.0	0.0-1.0	Long	Frequent		none
		April	0.0	>6.0	0.0-1.0	Long	Frequent		none
		May	0.0	>6.0	0.0-1.0	Long	Occasional		none
		June	0.0	>6.0	0.0-1.0	Long	Rare		none
		July			0.0-0.2	Brief	Rare		none
		August			0.0-0.2	Very brief	Rare		none
		September			0.0-0.2	Very brief	Rare		none
		October			0.0-0.2	Very brief	Rare		none
		November			0.0-0.2	Very brief	Rare		none
		December			0.0-0.2	Brief	Rare		none
Cressler	D	December	0.0-3.0	>6.0	0.0-0.5	Long	Frequent		none
		January	0.0-3.0	>6.0	0.0-0.5	Long	Frequent		none
		February	0.0-3.0	>6.0	0.0-0.5	Long	Frequent		none
		March	0.0-3.0	>6.0	0.0-0.5	Long	Frequent		none
		April	0.0-3.0	>6.0	0.0-0.5	Long	Frequent		none
		May	0.0-3.0	>6.0	0.0-0.5	Long	Frequent		none
		June	0.0-3.0	>6.0	0.0-0.5	Long	Frequent		none

Mon Symbol	Undrologia		Water	r table		Ponding	Flooding		
Map Symbol and Soil Name	Hydrologic group	Month	Upper limit (feet)	Lower limit (feet)	Surface water depth (feet)	Duration	Frequency	Duration	Frequency
610A:					• • • •				
Hippyjim	D	January	0.0	>6.0	0.3-0.7	Very long	Frequent		none
		February	0.0	>6.0	0.5-0.8	Very long	Frequent		none
		March	0.0	>6.0	0.8-1.7	Very long	Frequent		none
		April	0.0-0.8	>6.0	0.8-1.7	Very long	Frequent		none
		May	0.0-2.0	>6.0	0.5-0.8	Long	Frequent		none
		June	0.8-2.5	>6.0	0.3-0.7	Long	Frequent		none
		July	1.2-2.9	>6.0	0.2-0.5	Long	Occasional		none
		August	1.2-2.9	>6.0	0.1-0.3	Brief	Rare		none
		September	1.7-3.3	>6.0	0.0-0.1	Brief	Rare		none
		October	1.2-2.9	>6.0	0.0-0.1	Brief	Occasional		none
		November	0.8-2.5	>6.0	0.1-0.2	Brief	Occasional		none
		December	0.0-0.8	>6.0	0.1-0.3	Long	Occasional		none
615A:							•		
Olene	D	January	0.0-1.0	>6.0	0.2-0.5	Very long	Frequent		none
		February	0.0-1.0	>6.0	0.2-0.5	Very long	Frequent		none
		March	0.0-1.0	>6.0	0.2-0.5	Very long	Frequent		none
		April	0.0-1.0	>6.0	0.1-0.3	Very long	Frequent		none
		May	0.0-1.0	>6.0	0.1-0.3	Long	Occasional		none
		November			0.1-0.3	Very brief	Rare		none
		December	0.0-1.0	>6.0	0.2-0.5	Long	Occasional		none
Boulder Lake	D	February	0.0	>6.0	0.0-1.0	Long	Frequent		none
		March	0.0	>6.0	0.0-1.0	Long	Frequent		none
		April	0.0	>6.0	0.0-1.0	Long	Frequent		none
		May	0.0	>6.0	0.0-1.0	Long	Occasional		none
		June	0.0	>6.0	0.0-1.0	Long	Rare		none
		July			0.0-0.2	Brief	Rare		none
		August			0.0-0.2	Very brief	Rare		none
		September			0.0-0.2	Very brief	Rare		none
		October			0.0-0.2	Very brief	Rare		none
		November			0.0-0.2	Very brief	Rare		none
		December			0.0-0.2	Brief	Rare		none

#### Table 15.—SOIL FEATURES

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

Map Symbol		ctive layer		Subsidence		Potential	<b>Risk of corrosion</b>		
and Soil Name	Kind	Depth to top (in)	Thickness (in)	Hardness	Initial (in)	Total (in)	for frost action	Uncoated steel	Concrete
300A:		• • •			• • •	•			•
Norcross	Duripan Bedrock (lithic)	12-20 18-46	2-26	Indurated			Moderate	Moderate	Low
310A:									1
Norcross, wooded	Duripan Bedrock (lithic)	12-20 18-46	2-26	Indurated			Moderate	Moderate	Low
Dranket	Duripan Bedrock (lithic)	20-30 25-40	2-20	Indurated Indurated			Moderate	High	Low
Norcross	Duripan Bedrock (lithic)	12-20 18-46	2-26	Indurated			Moderate	Moderate	Low
312A:					•	•			
Norcross, wooded	Duripan Bedrock (lithic)	12-20 18-46	2-26	Indurated			Moderate	Moderate	Low
Dranket	Duripan Bedrock (lithic)	20-30 25-40	2-20	Indurated Indurated			Moderate	High	Low
320A:					•	•			•
Pankeybasin	Duripan Duripan	20-25 26-35		Indurated Strongly cemented			Moderate	High	Low
330B:		•					•		•
Casebeer	Duripan Duripan Bedrock (lithic)	10-20 12-26 20-40		Indurated Moderately cemented Indurated			Moderate	High	Low
Norcross	Duripan Bedrock (lithic)	12-20 18-46	2-26	Indurated			Moderate	Moderate	Low
Dranket	Duripan Bedrock (lithic)	20-30 25-40	2-20	Indurated Indurated			Moderate	High	Low
331B:									
Norcross	Duripan Bedrock (lithic)	12-20 18-46	2-26	Indurated			Moderate	Moderate	Low
Dranket	Duripan Bedrock (lithic)	20-30 25-40	2-20	Indurated Indurated			Moderate	High	Low
Casebeer	Duripan Duripan Bedrock (lithic)	10-20 12-26 20-40		Indurated Moderately cemented Indurated			Moderate	High	Low
335B:									
Norcross, wooded	Duripan Bedrock (lithic)	12-20 18-46	2-26	Indurated			Moderate	Moderate	Low

Map Symbol			ive layer		Subsidence		Potential	<b>Risk of corrosion</b>	
and Soil Name	Kind	Depth to top (in)	Thickness (in)	Hardness	Initial (in)	Total (in)	for frost action	Uncoated steel	Concrete
Casebeer	Duripan Duripan Bedrock (lithic)	10-20 12-26 20-40		Indurated Moderately cemented Indurated			Moderate	High	Low
340A:			•				1 I		•
Norcross	Duripan Bedrock (lithic)	12-20 18-46	2-26	Indurated			Moderate	Moderate	Low
Casebeer	Duripan Duripan Bedrock (lithic)	10-20 12-26 20-40	  	Indurated Moderately cemented Indurated			Moderate	High	Low
342A:									
Casebeer	Duripan Duripan Bedrock (lithic)	10-20 12-26 20-40		Indurated Moderately cemented Indurated			Moderate	High	Low
343A:	,					•			•
Jennett	Duripan Duripan	20-30 30-40		Moderately cemented Indurated			Moderate	High	Low
344A:		•	•		•				•
Norcross, ponded	Duripan Bedrock (lithic)	12-20 18-46	2-26	Indurated			Moderate	Moderate	Low
Boulder Lake					0		High	High	Low
Jennett	Duripan Duripan	20-30 30-40		Moderately cemented Indurated			Moderate	High	Low
345A:		•	•		•				•
Casebeer	Duripan Duripan Bedrock (lithic)	10-20 12-26 20-40		Indurated Moderately cemented Indurated			Moderate	High	Low
Pankeybasin, stony	Duripan Duripan	20-25 26-35		Indurated Strongly cemented			Moderate	High	Low
350B:		•	•		•				•
Woolencanyon	Duripan Bedrock (lithic)	12-19 14-26		Indurated Indurated			Moderate	High	Low
Notchcorral	Duripan Duripan Bedrock (lithic)	20-25 30-35 40-60	2-10 15-22	Indurated Very strongly cemented Indurated			Moderate	High	Low
Wonser	Duripan Bedrock (lithic)	12-20 13-26		Indurated Indurated			Moderate	High	Low
360B:			1						1
Devaul	Bedrock (paralithic)	45-60		Indurated			Moderate	Low	Low

Map Symbol			ive layer		Subsidence		Potential	<b>Risk of corrosion</b>	
and Soil Name	Kind	Depth to top (in)	Thickness (in)	Hardness	Initial (in)	Total (in)	for frost action	Uncoated steel	Concrete
Norcross, wooded	Duripan Bedrock (lithic)	12-20 18-46	2-26	Indurated			Moderate	Moderate	Low
362B:	Dearber (nune)	10 10							
5020.	Duripan	10-20		Indurated					
Casebeer	Duripan	12-26		Moderately cemented			Moderate	High	Low
Cusebeer	Bedrock (lithic)	20-40		Indurated			Wioderate	mgn	Low
Devaul	Bedrock (paralithic)	45-60		Indurated			Moderate	Low	Low
	Duripan	12-20	2-26	Indurated					
Norcross, wooded	Bedrock (lithic)	18-46					Moderate	Moderate	Low
370B:		10 10							
	Bedrock (paralithic)	31-41	8-14	Moderately cemented					_
Widmer	Bedrock (lithic)	39-50		Indurated			Moderate	High	Low
Lorella	Bedrock (lithic)	10-20					Moderate	High	Low
380C:				I				8	
Menbo, cool	Bedrock (lithic)	20-40			0		Moderate	Moderate	Low
Drakce	Bedrock (lithic)	40-50		Indurated			Moderate	High	Low
Rock outcrop								8	
390A:							1		
	Duripan	40-55	20-25	Weakly cemented				-	-
Teeltruc	Bedrock (lithic)	60-80		Indurated			Moderate	Low	Low
392B:							1		
	Duripan	40-55	20-25	Weakly cemented				_	_
Teeltruc	Bedrock (lithic)	60-80		Indurated			Moderate	Low	Low
Schnipps, moist	Bedrock (paralithic)	40-50	10-20	Moderately cemented			Moderate	High	Low
400C:				,				6	
Schnipps	Bedrock (paralithic)	40-50	10-20	Moderately cemented			Moderate	High	Low
402C:				<u> </u>			1		
Devaul	Bedrock (paralithic)	45-60		Indurated			Moderate	Low	Low
Schnipps	Bedrock (paralithic)	40-50	10-20	Moderately cemented			Moderate	High	Low
410D:	<b>u</b>	•						C	
Drakce	Bedrock (lithic)	40-50		Indurated			Moderate	High	Low
Rock outcrop									
500C:	1	•					<u> </u>		ı
	Bedrock (paralithic)	40-60		Weakly cemented	c				_
Mound	Bedrock (lithic)	45-60		Indurated	0		Moderate	Moderate	Low
	Bedrock (paralithic)	20-40		Moderately cemented	C			N 1	
Royst	Bedrock (lithic)	40-60		Indurated	0		Moderate	Moderate	Moderate
Rock outcrop									

Map Symbol		Restrict	ive layer		Subsidence		Potential	<b>Risk of corrosion</b>	
and Soil Name	Kind	Depth to top (in)	Thickness (in)	Hardness	Initial (in)	Total (in)	for frost action	Uncoated steel	Concrete
505D:			•						
Menbo	Bedrock (lithic)	20-40			0		Moderate	Moderate	Low
Drakce	Bedrock (lithic)	40-50		Indurated			Moderate	High	Low
Rock outcrop									
510B:									
Schnipps, moist	Bedrock (paralithic)	40-50	10-20	Moderately cemented			Moderate	High	Low
Norcross, wooded	Duripan Bedrock (lithic)	12-20 18-46	2-26	Indurated			Moderate	Moderate	Low
515B:	Bearook (nune)	10 10					<u> </u>		
Bumpheads, moist	Bedrock (paralithic) Bedrock (lithic)	24-40 25-48	1-8				Moderate	High	Low
Mound	Bedrock (paralithic) Bedrock (lithic)	40-60 45-60		Weakly cemented Indurated	0		Moderate	Moderate	Low
Norcross, wooded	Duripan Bedrock (lithic)	12-20 18-46	2-26	Indurated			Moderate	Moderate	Low
517B:									
Bumpheads	Bedrock (paralithic) Bedrock (lithic)	24-40 25-48	1-8				Moderate	High	Low
Mound	Bedrock (paralithic) Bedrock (lithic)	40-60 45-60		Weakly cemented Indurated	0		Moderate	Moderate	Low
Norcross, wooded	Duripan Bedrock (lithic)	12-20 18-46	2-26	Indurated			Moderate	Moderate	Low
520B:					•				
Mound	Bedrock (paralithic) Bedrock (lithic)	40-60 45-60		Weakly cemented Indurated	0		Moderate	Moderate	Low
Benhall	Bedrock (paralithic)	38-40	4-20	Weakly cemented			Moderate	Moderate	Low
525C:	/	•		-	•				-
Mound	Bedrock (paralithic) Bedrock (lithic)	40-60 45-60		Weakly cemented Indurated	0		Moderate	Moderate	Low
530B:									
Benhall, moist	Bedrock (paralithic)	38-40	4-20	Weakly cemented			Moderate	Moderate	Low
Mound, moist	Bedrock (paralithic) Bedrock (lithic)	40-60 45-60		Weakly cemented Indurated	0		Moderate	Moderate	Low
532B:									
Tallboy	Bedrock (paralithic) Bedrock (lithic)	40-50 50-70		Moderately cemented Indurated			Moderate	High	Low
533C:	· · · · ·					-	·		
Benhall, moist	Bedrock (paralithic)	38-40	4-20	Weakly cemented			Moderate	Moderate	Low

Maa Caal		Restrict	ive layer		Subsidence		Potential	<b>Risk of corrosion</b>	
Map Symbol and Soil Name	Kind	Depth to top (in)	Thickness (in)	Hardness	Initial (in)	Total (in)	for frost action	Uncoated steel	Concrete
Mound, moist	Bedrock (paralithic) Bedrock (lithic)	40-60 45-60		Weakly cemented Indurated	0		Moderate	Moderate	Low
540C:	•	•	•						
Schnipps, moist	Bedrock (paralithic)	40-50	10-20	Moderately cemented			Moderate	High	Low
Mound	Bedrock (paralithic) Bedrock (lithic)	40-60 45-60		Weakly cemented Indurated	0		Moderate	Moderate	Low
542B:	( )						11		
Grohs	Bedrock (paralithic) Bedrock (lithic)	20-36 22-44	2-10	Moderately cemented Indurated			Moderate	High	Low
Carrbutte	Bedrock (paralithic) Bedrock (lithic)	40-59 50-70	10-24		0		Moderate	Moderate	Low
543B:	•	•	•						
Carrbutte	Bedrock (paralithic) Bedrock (lithic)	40-59 50-70	10-24		0		Moderate	Moderate	Low
550C:							1		
Menbo, cool	Bedrock (lithic)	20-40			0		Moderate	Moderate	Low
560C:		1	•				1 1		
Drakce	Bedrock (lithic)	40-50		Indurated			Moderate	High	Low
Dranket	Duripan Bedrock (lithic)	20-30 25-40	2-20	Indurated Indurated			Moderate	High	Low
600A:			•						
Boulder Lake					0		High	High	Low
Hippyjim	Bedrock (paralithic)	45-62	5-15	Moderately cemented			High	High	Low
602A:		•						<u> </u>	
Boulder Lake					0		High	High	Low
605A:		•						<u> </u>	
Boulder Lake					0		High	High	Low
Cressler					0		High	Moderate	Moderate
610A:									
Hippyjim	Bedrock (paralithic)	45-62	5-15	Moderately cemented			High	High	Low
615A:									
Olene	Bedrock (paralithic)	45-60	15-16	Moderately cemented			High	High	Low
Boulder Lake					0		High	High	Low

Map Unit	Soil Mon Unit Nama	Aoros	Frequency	Percent
Symbol	Soil Map Unit Name	Acres	Frequency	Percent
300A	Norcross very cobbly loam, 0-10 percent slopes	1,180	7	0.92
310A	Norcross, extremely cobbly-Dranket-Norcross complex, 0-10% slopes	11,874	4	9.26
312A	Norcross-Dranket complex, 0-8 percent slopes	8,815	15	6.87
320A	Pankeybasin loam, 1-2 percent slopes	703	5	0.55
330B	Casebeer-Norcross-Dranket complex, 1-8 percent slopes	4,616	6	3.60
331B	Norcross-Dranket-Casebeer very cobbly loams, 0-6 percent	2,077	8	1.62
335B	Norcross-Casebeer complex, 1-10 percent slopes	2,093	7	1.63
340A	Norcross, thick surface-Casebeer complex, 0-4 percent slopes	10,964	16	8.55
342A	Casebeer very stony loam, 0 to 4 percent slopes	1,633	13	1.27
343A	Jennett loam, 0 to 1 percent slopes	208	2	0.16
344A	Norcross-Boulder Lake-Jennett complex, 0 to 1 percent slopes	429	2	0.33
345A	Casebeer-Pankeybasin complex, 0 to 4 percent slopes	7,545	9	5.88
350B	Woolencanyon-Notchcorral-Wonser complex, 0 to 8 percent slopes	20,871	14	16.27
360B	Devaul-Norcross complex, 2 to 15 percent slopes	746	3	0.58
362B	Casebeer-Devaul-Norcross complex, 2 to 8 percent slopes	210	1	0.16
370B	Widmer-Lorella complex, 2 to 10 percent slopes	3,533	6	2.75
380C	Menbo-Drakce-Rock outcrop complex, 15 to 40 percent slopes	183	1	0.14
390A	Teeltruc ashy sandy loam, 2 to 5 percent slopes	180	2	0.14
392B	Teeltruc-Schnipps complex, 2 to 15 percent slopes	87	1	0.07
400C	Schnipps cobbly loam, 6 to 20 percent slopes	253	2	0.20
402C	Devaul-Schnipps complex, 6 to 20 percent slopes	308	2	0.24
410D	Drakce-Rock outcrop complex, 15 to 50 percent slopes	879	3	0.69
500C	Mound-Royst-Rock outcrop complex, 10 to 30 percent slopes	491	2	0.38
505D	Menbo-Drakce-Rock outcrop complex, 35 to 65 percent slopes	364	1	0.28
510B	Schnipps-Norcross complex, 2 to 15 percent slopes	5,577	20	4.35
515B	Bumpheads, high precipitation-Mound-Norcross complex, 1 to 10 % slopes	4,732	3	3.69
517B	Bumpheads-Mound-Norcross complex, 1 to 10 percent slopes	5,277	4	4.11
520B	Mound-Benhall complex, 2 to 20 percent slopes	7,894	12	6.15
525C	Mound cobbly loam, 15 to 30 percent slopes	1,670	9	1.30
530B	Benhall-Mound complex, 0 to 15 percent slopes	1,352	4	1.05
532B	Tallboy gravelly loam, 0 to 15 percent slopes	3,428	11	2.67
533C	Benhall-Mound complex, 15 to 40 percent slopes	487	3	0.38
540C	Schnipps-Mound complex, 2 to 30 percent slopes	4,119	10	3.21
542B	Grohs-Carrbutte complex, 2 to 20 percent slopes	3,295	4	2.27
543B	Carrbutte stony loam, 2 to 15 percent slopes	148	1	0.12
550C	Menbo very stony loam, 15 to 40 percent slopes	844	4	0.66
560C	Drakce-Dranket complex, 4 to 35 percent slopes	393	1	0.31
600A	Boulder Lake-Hippyjim silty clay loams, 0 to 1 percent slopes	1,802	12	1.40
602A	Boulder Lake silt loam, 0 to 1 percent slopes	457	8	0.36
605A	Boulder Lake-Cressler complex, 0 to 2 percent slopes	153	2	0.12
610A	Hippyjim silty clay loam, 0 to 1 percent slopes	2,395	21	1.87
615A	Olene-Boulder Lake complex, 0 to 1 percent slopes	136	3	0.11
999	Water	3,887	4	3.03
	Total	128,288		100.00

#### Table 16.— ACREAGE AND PROPORTIONATE EXTENT OF THE SOILS

Soil Name	Family or higher taxonomic class
Benhall	Loamy-skeletal, mixed, superactive, frigid Pachic Ultic Argixerolls
Boulder Lake	Fine, smectitic, frigid Xeric Epiaquerts
Bumpheads	Fine, smectitic, frigid Pachic Argixerolls
Carrbutte	Clayey-skeletal, smectitic, mesic Pachic Ultic Argixerolls
Casebeer	Clayey, smectitic, frigid, shallow Typic Durixeralfs
Cressler	Fine, smectitic, frigid Fluvaquentic Endoaquolls
Devaul	Loamy-skeletal, mixed, superactive, frigid Typic Argixerolls
Drakce	Clayey-skeletal, smectitic, mesic Pachic Argixerolls
Dranket	Fine, smectitic, frigid Typic Durixerolls
Grohs	Fine, smectitic, mesic Pachic Argixerolls
Hippyjim	Fine, smectitic, frigid Xeric Endoaquerts
Jennet	Fine, smectitic, frigid Aquic Durixerolls
Lorella	Clayey-skeletal, smectitic, mesic Lithic Argixerolls
Menbo	Clayey-skeletal, smectitic, frigid Pachic Argixerolls
Mound	Clayey-skeletal, smectitic, frigid Pachic Ultic Argixerolls
Norcross	Clayey, smectitic, frigid, shallow Vitrandic Durixerolls
Notchcorral	Fine, smectitic, mesic Palexerollic Durixerolls
Olene	Fine, smectitic, frigid Xeric Endoaquerts
Pankeybasin	Fine, smectitic, frigid Palexerollic Durixerolls
Royst	Clayey-skeletal, smectitic, frigid Pachic Argixerolls
Schnipps	Fine, smectitic, frigid Pachic Argixerolls
Tallboy	Fine, smectitic, frigid Pachic Ultic Argixerolls
Teeltruc	Coarse-loamy, mixed, superactive, frigid Vitrandic Haploxerolls
Widmer	Fine, smectitic, mesic Typic Argixerolls
Wonser	Clayey, smectitic, mesic, shallow Typic Durixerolls
Woolencaynon	Clayey, smectitic, mesic, shallow Typic Durixerolls

Table 17.— CLASSIFICATION OF THE SOILS