

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

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
Big Sagebrush 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
Commercial Forest										
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 17, 1999. Widmer and Lorella changed from Aridic to Xeric.										

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

ES#	Final Name	Gene's Name (4/98)	1997 Name Used in Gerber	1989 SCS Name	1969 SCS Name
Wetlands					
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	-----	-----
Juniper 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 16-20	Gene did not want to set this up	New in 1998	-----	-----
Aspect 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
* Two sites not used in the Gerber Block.					

Table 3.--Rangeland Productivity and Characteristic Plant Communities

Map Symbol	Soil Name	Range Site	Total Production (lbs/acre)		Characteristic Vegetation	% Composition	
			Kind of year	Dry Weight		Forest	Range
300A	Norcross	Stony Claypan 14-20 PZ (021XY216OR)	Favorable	1000	Idaho fescue		50
			Normal	800	Sandberg bluegrass		15
			Unfavorable	500	Onespike oatgrass		5
					Bluebunch wheatgrass		5
					Low sagebrush		15
	Casebeer	Shallow Stony 10-20 PZ (021XY204OR)	Favorable	300	Sandberg bluegrass		60
			Normal	250	Idaho fescue		5
			Unfavorable	150	Bluebunch wheatgrass		5
					Thurber's needlegrass		5
					Low Sagebrush		10
	Rock Outcrop	-----	-----	-----	-----		-----
310A	Norcross	Juniper Claypan 16-20 PZ (021XY501OR)	Favorable	1000	Idaho fescue		45
			Normal	800	Low sagebrush		15
			Unfavorable	500	Sandberg bluegrass		10
					Western juniper		7
	Dranket	Juniper Claypan 16-20 PZ (021XY501OR)	Favorable	1000	Idaho fescue		45
			Normal	800	Low sagebrush		15
			Unfavorable	500	Sandberg bluegrass		10
					Western juniper		7
	Norcross	Stony Claypan 14-20 PZ (021XY216OR)	Favorable	1000	Idaho fescue		50
			Normal	800	Sandberg bluegrass		15
			Unfavorable	500	Onespike oatgrass		5
					Bluebunch wheatgrass		5
					Low sagebrush		15
	Rock Outcrop	-----	-----	-----	-----		-----
	Casebeer	Shallow Stony 10-20 PZ (021XY204OR)	Favorable	300	Sandberg bluegrass		60
			Normal	250	Idaho fescue		5
			Unfavorable	150	Bluebunch wheatgrass		5
					Thurber's needlegrass		5
					Low Sagebrush		10
	Royst	Mahogany Rockland 10-20 PZ (021XY402OR)	Favorable	1200	Idaho fescue		40
			Normal	1000	Bluebunch wheatgrass		10
			Unfavorable	800	Curl-leaf mt mahogany		10
					Antelope bitterbrush		10
					Ponderosa pine		5
	Olene	Semi-Wet Meadow (021XY509)	Favorable	1500	California oatgrass		75
			Normal	1200	Sedge		5
			Unfavorable	1000			
312A	Norcross	Juniper Claypan 16-20 PZ (021XY501OR)	Favorable	1000	Idaho fescue		45
			Normal	800	Low sagebrush		15
			Unfavorable	500	Sandberg bluegrass		10
					Western juniper		7
	Dranket	Juniper Claypan 16-20 PZ (021XY501OR)	Favorable	1000	Idaho fescue		45
			Normal	800	Low sagebrush		15
			Unfavorable	500	Sandberg bluegrass		10
					Western juniper		7
	Rock Outcrop	-----	-----	-----	-----		-----
	Casebeer	Shallow Stony 10-20 PZ (021XY204OR)	Favorable	300	Sandberg bluegrass		60
			Normal	250	Idaho fescue		5
			Unfavorable	150	Bluebunch wheatgrass		5
					Thurber's needlegrass		5
					Low Sagebrush		10
	Royst	Mahogany Rockland 10-20 PZ (021XY402OR)	Favorable	1200	Idaho fescue		40
			Normal	1000	Bluebunch wheatgrass		10
			Unfavorable	800	Curl-leaf mt mahogany		10
					Antelope bitterbrush		10
					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 (Continued)

Map Symbol	Soil Name	Range Site	Total Production (lbs/acre)		Characteristic Vegetation	% Composition	
			Kind of year	Dry Weight		Forest	Range
	Pankeybasin	Claypan 14-20 PZ (021XY214OR)	Favorable Normal Unfavorable	1000 800 500	Idaho fescue Sandberg bluegrass Bluebunch wheatgrass Low sagebrush		40 15 5 15
	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
	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	
320A	Pankeybasin	Claypan 14-20 PZ (021XY214OR)	Favorable Normal Unfavorable	1000 800 500	Idaho fescue Sandberg bluegrass Bluebunch wheatgrass Low sagebrush		40 15 5 15
	Boulder Lake	Dry Meadow (021XY314OR)	Favorable Normal Unfavorable	1600 1400 1200	Nevada bluegrass Silver sagebrush Slender wheatgrass Mat muhly		55 15 5 5
	Norcross	Stony Claypan 14-20 PZ (021XY216OR)	Favorable Normal Unfavorable	1000 800 500	Idaho fescue Sandberg bluegrass Onespike oatgrass Bluebunch wheatgrass 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
	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
330B	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
	Norcross	Stony Claypan 14-20 PZ (021XY216OR)	Favorable Normal Unfavorable	1000 800 500	Idaho fescue Sandberg bluegrass Onespike oatgrass Bluebunch wheatgrass 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
	Rock Outcrop	-----	-----	-----	-----		-----
	Boulder Lake	Dry Meadow (021XY314OR)	Favorable Normal Unfavorable	1600 1400 1200	Nevada bluegrass Silver sagebrush Slender wheatgrass Mat muhly		55 15 5 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

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

Map Symbol	Soil Name	Range Site	Total Production (lbs/acre)		Characteristic Vegetation	% Composition	
			Kind of year	Dry Weight		Forest	Range
	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	
331B	Norcross	Stony Claypan 14-20 PZ (021XY216OR)	Favorable Normal Unfavorable	1000 800 500	Idaho fescue Sandberg bluegrass Onespike oatgrass Bluebunch wheatgrass 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
	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
	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
	Rock Outcrop	-----	-----	-----	-----		-----
	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	
335B	Norcross	Juniper Claypan 16-20 PZ (021XY501OR)	Favorable Normal Unfavorable	1000 800 500	Idaho fescue Low sagebrush Sandberg bluegrass Western juniper		45 15 10 7
	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
	Pankeybasin	Claypan 14-20 PZ (021XY214OR)	Favorable Normal Unfavorable	1000 800 500	Idaho fescue Sandberg bluegrass Bluebunch wheatgrass Low sagebrush		40 15 5 15
	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
	Rock Outcrop	-----	-----	-----	-----		-----
340A	Norcross	Stony Claypan 14-20 PZ (021XY216OR)	Favorable Normal Unfavorable	1000 800 500	Idaho fescue Sandberg bluegrass Onespike oatgrass Bluebunch wheatgrass Low sagebrush		50 15 5 5 15
	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

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

Map Symbol	Soil Name	Range Site	Total Production (lbs/acre)		Characteristic Vegetation	% Composition	
			Kind of year	Dry Weight		Forest	Range
	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
	Rock Outcrop	-----	-----	-----	-----		-----
	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
	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	
	Boulder Lake	Dry Meadow (021XY314OR)	Favorable Normal Unfavorable	1600 1400 1200	Nevada bluegrass Silver sagebrush Slender wheatgrass Mat muhly		55 15 5 5
342A	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
	Devaul	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
	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
	Norcross	Stony Claypan 14-20 PZ (021XY216OR)	Favorable Normal Unfavorable	1000 800 500	Idaho fescue Sandberg bluegrass Onespike oatgrass Bluebunch wheatgrass Low sagebrush		50 15 5 5 15
	Jennett	Claypan Bottom 12-18 PZ (021XY506OR)	Favorable Normal Unfavorable	1200 1000 700	Nevada bluegrass Canby bluegrass Idaho fescue		25 15 10
343A	Jennett	Claypan Bottom 12-18 PZ (021XY506OR)	Favorable Normal Unfavorable	1200 1000 700	Nevada bluegrass Canby bluegrass Idaho fescue		25 15 10
	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
	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
	Norcross	Stony Claypan 14-20 PZ (021XY216OR)	Favorable Normal Unfavorable	1000 800 500	Idaho fescue Sandberg bluegrass Onespike oatgrass Bluebunch wheatgrass Low sagebrush		50 15 5 5 15
	Boulder Lake	Dry Meadow (021XY314OR)	Favorable Normal Unfavorable	1600 1400 1200	Nevada bluegrass Silver sagebrush Slender wheatgrass Mat muhly		55 15 5 5

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

Map Symbol	Soil Name	Range Site	Total Production (lbs/acre)		Characteristic Vegetation	% Composition	
			Kind of year	Dry Wgt		Forest	Range
344A	Norcross	Claypan 14-20 PZ (021XY214OR)	Favorable	1000	Idaho fescue		40
			Normal	800	Low sagebrush		15
			Unfavorable	500	Sandberg bluegrass		15
					Bluebunch wheatgrass		5
	Boulder Lake	Dry Meadow (021XY314OR)	Favorable	1600	Nevada bluegrass		55
			Normal	1400	Silver sagebrush		15
			Unfavorable	1200	Slender wheatgrass		5
					Mat muhly		5
	Jennett	Claypan Bottom 12-18 PZ (021XY506OR)	Favorable	1200	Nevada bluegrass		25
			Normal	1000	Canby bluegrass		15
			Unfavorable	700	Idaho fescue		10
	Casebeer	Shallow Stony 10-20 PZ (021XY204OR)	Favorable	300	Sandberg bluegrass		60
			Normal	250	Idaho fescue		5
			Unfavorable	150	Bluebunch wheatgrass		5
					Thurber's needlegrass		5
					Low Sagebrush		10
	Dranket	Juniper Claypan 16-20 PZ (021XY501OR)	Favorable	1000	Idaho fescue		45
			Normal	800	Low sagebrush		15
			Unfavorable	500	Sandberg bluegrass		10
					Western juniper		7
	Rock Outcrop	-----	-----	-----	-----		-----
345A	Casebeer	Shallow Stony 10-20 PZ (021XY204OR)	Favorable	300	Sandberg bluegrass		60
			Normal	250	Idaho fescue		5
			Unfavorable	150	Bluebunch wheatgrass		5
					Thurber's needlegrass		5
					Low Sagebrush		10
	Pankeybasin	Stony Claypan 14-20 PZ (021XY216OR)	Favorable	1000	Idaho fescue		50
			Normal	800	Sandberg bluegrass		15
			Unfavorable	500	Bluebunch wheatgrass		5
					Onespike oatgrass		5
					Low sagebrush		15
	Dranket	Juniper Claypan 16-20 PZ (021XY501OR)	Favorable	1000	Idaho fescue		45
			Normal	800	Low sagebrush		15
			Unfavorable	500	Sandberg bluegrass		10
					Western juniper		7
	Schnipps	Juniper-Mahogany-Fescue 16-20 PZ (021XY420XY)	Favorable	1000	Idaho fescue		25
			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 (021XY505OR)	Favorable	1000	Idaho fescue		35
			Normal	800	Bluebunch wheatgrass		20
			Unfavorable	500	Low sagebrush		8
					Sandberg bluegrass		7
					Western juniper		7
	Notchcorral	Juniper Claypan 12-16 PZ (021XY505OR)	Favorable	1000	Idaho fescue		35
			Normal	800	Bluebunch wheatgrass		20
			Unfavorable	500	Low sagebrush		8
					Sandberg bluegrass		7
					Western juniper		7
	Wonser	Shallow Stony 10-20 PZ (021XY204OR)	Favorable	300	Sandberg bluegrass		60
			Normal	250	Idaho fescue		5
			Unfavorable	150	Bluebunch wheatgrass		5
					Thurber's needlegrass		5
					Low Sagebrush		10
	Bumpheads	Juniper Dry Pine 14-16 PZ (021XY508OR)	Favorable	1200	Idaho fescue		25
			Normal	1000	Bluebunch wheatgrass		20
			Unfavorable	800	Antelope bitterbrush		10
					Western needlegrass		5
					Curl-leaf mt mahogany		5
					Ponderosa pine		5
					Western juniper		5

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

Map Symbol	Soil Name	Range Site	Total Production (lbs/acre)		Characteristic Vegetation	% Composition	
			Kind of year	Dry Wgt		Forest	Range
	Boulder Lake	Dry Meadow (021XY314OR)	Favorable Normal Unfavorable	1600 1400 1200	Nevada bluegrass Silver sagebrush Slender wheatgrass Mat muhly		55 15 5 5
	Olene	Semi-Wet Meadow (021XY509)	Favorable Normal Unfavorable	1500 1200 1000	California oatgrass Sedge		75 5
	Rock Outcrop	-----	-----	-----	-----		-----
360B	Devaul	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
	Norcross	Juniper Claypan 16-20 PZ (021XY501OR)	Favorable Normal Unfavorable	1000 800 500	Idaho fescue Low sagebrush Sandberg bluegrass Western juniper		45 15 10 7
	Pankeybasin	Claypan 14-20 PZ (021XY214OR)	Favorable Normal Unfavorable	1000 800 500	Idaho fescue Sandberg bluegrass Bluebunch wheatgrass Low sagebrush		40 15 5 15
	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
362B	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
	Devaul	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
	Norcross	Juniper Claypan 16-20 PZ (021XY501OR)	Favorable Normal Unfavorable	1000 800 500	Idaho fescue Low sagebrush Sandberg bluegrass Western juniper		45 15 10 7
	Pankeybasin	Claypan 14-20 PZ (021XY214OR)	Favorable Normal Unfavorable	1000 800 500	Idaho fescue Sandberg bluegrass Bluebunch wheatgrass Low sagebrush		40 15 5 15
	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
	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	
370B	Widmer	Juniper Loamy Hills 10-14 PZ (-21XY200OR)	Favorable Normal Unfavorable		Bluebunch wheatgrass Idaho fescue Sandberg bluegrass Mountain big sagebrush Thurber needlegrass Antelope bitterbrush		40 15 10 10 5 5

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

Map Symbol	Soil Name	Range Site	Total Production (lbs/acre)		Characteristic Vegetation	% Composition	
			Kind of year	Dry Wgt		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		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
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 Symbol	Soil Name	Range Site	Total Production (lbs/acre)		Characteristic Vegetation	% Composition	
			Kind of year	Dry Wgt		Forest	Range
	Pankeybasin	Claypan 14-20 PZ (021XY214OR)	Favorable Normal Unfavorable	1000 800 500	Idaho fescue Sandberg bluegrass Bluebunch wheatgrass Low sagebrush		40 15 5 15
	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	
	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
400C	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
	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		40 10 10 10 5
	Rock Outcrop	-----	-----	-----	-----		-----
	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
402C	Devaul	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
	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
	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		40 10 10 10 5
	Rock Outcrop	-----	-----	-----	-----		-----
410D	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	-----	-----	-----	-----		-----
	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		40 10 10 10 5
	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

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

Map Symbol	Soil Name	Range Site	Total Production (lbs/acre)		Characteristic Vegetation	% Composition	
			Kind of year	Dry Wgt		Forest	Range
500C	Mound	Pine-Sedge-Fescue 16-24 PZ (021XY402OR)	Favorable Normal Unfavorable	1000 800 500	Idaho fescue Ross' sedge Common snowberry Ponderosa pine Long-stolon sedge	20 5 5 5 5	
	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		40 10 10 10 5
	Rock Outcrop	-----	-----	-----	-----		-----
	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
	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
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 15 10 8 5 5
	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	-----	-----	-----	-----		-----
	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		40 10 10 10 5
	Olene	Semi-Wet Meadow (021XY509)	Favorable Normal Unfavorable	1500 1200 1000	California oatgrass Sedge		75 5
	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 15 10 8 5 5
	Norcross	Juniper Claypan 16-20 PZ (021XY501OR)	Favorable Normal Unfavorable	1000 800 500	Idaho fescue Low sagebrush Sandberg bluegrass Western juniper		45 15 10 7
	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		40 10 10 10 5

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

Map Symbol	Soil Name	Range Site	Total Production (lbs/acre)		Characteristic Vegetation	% Composition	
			Kind of year	Dry Wgt		Forest	Range
	Pankeybasin	Claypan 14-20 PZ (021XY214OR)	Favorable Normal Unfavorable	1000 800 500	Idaho fescue Sandberg bluegrass Bluebunch wheatgrass Low sagebrush		40 15 5 15
	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	
	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
515B	Bumpheads	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 15 10 8 5 5
	Mound	Pine-Sedge-Fescue 16-24 PZ (021XY402OR)	Favorable Normal Unfavorable	1000 800 500	Idaho fescue Ross' sedge Common snowberry Ponderosa pine Long-stolon sedge	20 5 5 5 5	
	Norcross	Juniper Claypan 16-20 PZ (021XY501OR)	Favorable Normal Unfavorable	1000 800 500	Idaho fescue Low sagebrush Sandberg bluegrass Western juniper		45 15 10 7
	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		40 10 10 10 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
	Jennett	Claypan Bottom 12-18 PZ (021XY506OR)	Favorable Normal Unfavorable	1200 1000 700	Nevada bluegrass Canby bluegrass Idaho fescue		25 15 10
517B	Bumpheads	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
	Mound	Pine-Sedge-Fescue 16-24 PZ (021XY414OR)	Favorable Normal Unfavorable	1000 800 600	Idaho fescue Ross' sedge Common snowberry Ponderosa pine Long-stolon sedge	20 5 5 5 5	
	Norcross	Juniper Claypan 16-20 PZ (021XY501OR)	Favorable Normal Unfavorable	1000 800 500	Idaho fescue Low sagebrush Sandberg bluegrass Western juniper		45 15 10 7
	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

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

Map Symbol	Soil Name	Range Site	Total Production (lbs/acre)		Characteristic Vegetation	% Composition	
			Kind of year	Dry Wgt		Forest	Range
	Pankeybasin	Claypan 14-20 PZ (021XY214OR)	Favorable Normal Unfavorable	1000 800 500	Idaho fescue Sandberg bluegrass Bluebunch wheatgrass Low sagebrush		40 15 5 15
	Devaul	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
520B	Mound	Pine-Sedge-Fescue 16-24 PZ (021XY414OR)	Favorable Normal Unfavorable	1000 800 600	Idaho fescue Ross' sedge Common snowberry Ponderosa pine Long-stolon sedge	20 5 5 5 5	
	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	
	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
	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
	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		40 10 10 10 5
	Olene	Semi-Wet Meadow (021XY509)	Favorable Normal Unfavorable	1500 1200 1000	California oatgrass Sedge		75 5
525C	Mound	Pine-Sedge-Fescue 16-24 PZ (021XY414OR)	Favorable Normal Unfavorable	1000 800 600	Idaho fescue Ross' sedge Common snowberry Ponderosa pine Long-stolon sedge	20 5 5 5 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
	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		40 10 10 10 5
	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
	Olene	Semi-Wet Meadow (021XY509)	Favorable Normal Unfavorable	1500 1200 1000	California oatgrass Sedge		75 5
	Rock Outcrop	-----	-----	-----	-----		-----

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

Map Symbol	Soil Name	Range Site	Total Production (lbs/acre)		Characteristic Vegetation	% Composition	
			Kind of year	Dry Wgt		Forest	Range
530B	Benhall	Pine-Fir-Sedge 18-30 PZ (021XY422OR)	Favorable	1000	Long-stolon sedge	15	
			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 (021XY422OR)	Favorable	1000	Long-stolon sedge	15	
			Normal	700	Wheeler bluegrass	15	
			Unfavorable	500	White fir	15	
					Mountain brome	10	
					Common snowberry	10	
					Ponderosa pine	10	
	Schnipps	Juniper-Mahogany-Fescue 16-20 PZ (021XY420XY)	Favorable	1000	Idaho fescue		25
			Normal	800	Bluebunch wheatgrass		10
			Unfavorable	600	Antelope bitterbrush		10
					Western needlegrass		5
					Curl-leaf mt mahogany		5
	Royst	Mahogany Rockland 10-20 PZ (021XY402OR)	Favorable	1200	Idaho fescue		40
			Normal	1000	Bluebunch wheatgrass		10
			Unfavorable	800	Curl-leaf mt mahogany		10
					Antelope bitterbrush		10
					Ponderosa pine		5
	Rock Outcrop	-----	-----	-----	-----		-----
532B	Tallboy	Pine-Sedge-Fescue 16-24 PZ (021XY414OR)	Favorable	1000	Idaho fescue		20
			Normal	800	Ross' sedge		15
			Unfavorable	600	Common snowberry		10
					Ponderosa pine		5
	Royst	Mahogany Rockland 10-20 PZ (021XY402OR)	Favorable	1200	Idaho fescue		40
			Normal	1000	Bluebunch wheatgrass		10
			Unfavorable	800	Curl-leaf mt mahogany		10
					Antelope bitterbrush		10
					Ponderosa pine		5
	Dranket	Juniper Claypan 16-20 PZ (021XY501OR)	Favorable	1000	Idaho fescue		45
			Normal	800	Low sagebrush		15
			Unfavorable	500	Sandberg bluegrass		10
					Western juniper		7
	Schnipps	Juniper-Mahogany-Fescue 16-20 PZ (021XY420XY)	Favorable	1000	Idaho fescue		25
			Normal	800	Bluebunch wheatgrass		10
			Unfavorable	600	Antelope bitterbrush		10
					Western needlegrass		5
					Curl-leaf mt mahogany		5
533C	Benhall	Pine-Fir-Sedge 18-30 PZ (021XY422OR)	Favorable	1000	Long-stolon sedge	15	
			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 (021XY422OR)	Favorable	1000	Long-stolon sedge	15	
			Normal	700	Wheeler bluegrass	15	
			Unfavorable	500	White fir	15	
					Mountain brome	10	
					Common snowberry	10	
					Ponderosa pine	10	
	Royst	Mahogany Rockland 10-20 PZ (021XY402OR)	Favorable	1200	Idaho fescue		40
			Normal	1000	Bluebunch wheatgrass		10
			Unfavorable	800	Curl-leaf mt mahogany		10
					Antelope bitterbrush		10
					Ponderosa pine		5
	Dranket	Juniper Claypan 16-20 PZ (021XY501OR)	Favorable	1000	Idaho fescue		45
			Normal	800	Low sagebrush		15
			Unfavorable	500	Sandberg bluegrass		10
					Western juniper		7

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

Map Symbol	Soil Name	Range Site	Total Production (lbs/acre)		Characteristic Vegetation	% Composition	
			Kind of year	Dry Wgt		Forest	Range
	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
540C	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 15 10 8 5 5
	Mound	Pine-Sedge-Fescue 16-24 PZ (021XY414OR)	Favorable Normal Unfavorable	1000 800 600	Idaho fescue Ross' sedge Common snowberry Ponderosa pine Long-stolon sedge	20 5 5 5 5	
	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		40 10 10 10 5
	Rock Outcrop	-----	-----	-----	-----		-----
	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
	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
	Olene	Semi-Wet Meadow (021XY509)	Favorable Normal Unfavorable	1500 1200 1000	California oatgrass Sedge		75 5
542B	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
	Carrbutte	Pine-Sedge-Fescue 16-24 PZ (021XY414OR)	Favorable Normal Unfavorable	1000 800 600	Idaho fescue Ross' sedge Common snowberry Ponderosa pine	20 5 5 5	
	Lorella	Juniper Claypan 12-16 PZ (021XY505OR)	Favorable Normal Unfavorable	1000 800 500	Idaho fescue Bluebunch wheatgrass Low sagebrush Sandberg bluegrass Western juniper		35 20 8 7 7
	Notchcorral	Juniper Claypan 12-16 PZ (021XY505OR)	Favorable Normal Unfavorable	1000 800 500	Idaho fescue Bluebunch wheatgrass Low sagebrush Sandberg bluegrass Western juniper		35 20 8 7 7
	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		40 10 10 10 5

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

Map Symbol	Soil Name	Range Site	Total Production (lbs/acre)		Characteristic Vegetation	% Composition	
			Kind of year	Dry Wgt		Forest	Range
543B	Carrbutte	Pine-Sedge-Fescue 16-24 PZ (021XY414OR)	Favorable Normal Unfavorable	1000 800 600	Idaho fescue Ross' sedge Common snowberry Ponderosa pine	20 5 5 5	
	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
	Notchcorral	Juniper Claypan 12-16 PZ (021XY505OR)	Favorable Normal Unfavorable	1000 800 500	Idaho fescue Bluebunch wheatgrass Low sagebrush Sandberg bluegrass Western juniper		35 20 8 7 7
550C	Menbo	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 15 10 8 5 5
	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		40 10 10 10 5
	Rock Outcrop	-----	-----	-----	-----		-----
	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	
560C	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
	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
	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		40 10 10 10 5
	Rock Outcrop	-----	-----	-----	-----		-----
	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
600A	Boulder Lake	Dry Meadow (021XY314OR)	Favorable Normal Unfavorable	1600 1400 1200	Nevada bluegrass Silver sagebrush Slender wheatgrass Mat muhly		55 15 5 5
	Hippyjim	Ephemeral Lakebed (021XY503OR)	Favorable Normal Unfavorable	1500 1200 900	Spikerush Sedge		65 10
	Jennett	Claypan Bottom 12-18 PZ (021XY506OR)	Favorable Normal Unfavorable	1200 1000 700	Nevada bluegrass Canby bluegrass Idaho fescue		25 15 10

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

Map Symbol	Soil Name	Range Site	Total Production (lbs/acre)		Characteristic Vegetation	% Composition	
			Kind of year	Dry Wgt		Forest	Range
602A	Boulder Lake	Dry Meadow (021XY314OR)	Favorable	1600	Nevada bluegrass		55
			Normal	1400	Silver sagebrush		15
			Unfavorable	1200	Slender wheatgrass		5
					Mat muhly		5
	Hippyjim	Ephemeral Lakebed (021XY503OR)	Favorable	1500	Spikerush		65
			Normal	1200	Sedge		10
			Unfavorable	900			
	Jennett	Claypan Bottom 12-18 PZ (021XY506OR)	Favorable	1200	Nevada bluegrass		25
			Normal	1000	Canby bluegrass		15
			Unfavorable	700	Idaho fescue		10
605A	Boulder Lake	Dry Meadow (021XY314OR)	Favorable	1600	Nevada bluegrass		55
			Normal	1400	Silver sagebrush		15
			Unfavorable	1200	Slender wheatgrass		5
					Mat muhly		5
	Cressler	Wet Meadow (021XY406OR)	Favorable	3000	Tufted hairgrass		55
			Normal	2500	Nebraska sedge		5
			Unfavorable	1500			
	Olene	Semi-Wet Meadow (021XY509)	Favorable	1500	California oatgrass		75
			Normal	1200	Sedge		5
			Unfavorable	1000			
	Benhall	Pine-Sedge-Fescue 16-24 PZ (021XY414OR)	Favorable	1000	Idaho fescue	20	
			Normal	800	Ross' sedge	15	
			Unfavorable	600	Common snowberry	10	
					Ponderosa pine	5	
610A	Hippyjim	Ephemeral Lakebed (021XY503OR)	Favorable	1500	Spikerush		65
			Normal	1200	Sedge		10
			Unfavorable	900			
	Boulder Lake	Dry Meadow (021XY314OR)	Favorable	1600	Nevada bluegrass		55
			Normal	1400	Silver sagebrush		15
			Unfavorable	1200	Slender wheatgrass		5
					Mat muhly		5
	Olene	Semi-Wet Meadow (021XY509)	Favorable	1500	California oatgrass		75
			Normal	1200	Sedge		5
			Unfavorable	1000			
	Dranket	Juniper Claypan 16-20 PZ (021XY501OR)	Favorable	1000	Idaho fescue		45
			Normal	800	Low sagebrush		15
			Unfavorable	500	Sandberg bluegrass		10
					Western juniper		7
615A	Olene	Semi-Wet Meadow (021XY509)	Favorable	1500	California oatgrass		75
			Normal	1200	Sedge		5
			Unfavorable	1000			
	Boulder Lake	Dry Meadow (021XY314OR)	Favorable	1600	Nevada bluegrass		55
			Normal	1400	Silver sagebrush		15
			Unfavorable	1200	Slender wheatgrass		5
					Mat muhly		5
	Dranket	Juniper Claypan 16-20 PZ (021XY501OR)	Favorable	1000	Idaho fescue		45
			Normal	800	Low sagebrush		15
			Unfavorable	500	Sandberg bluegrass		10
					Western juniper		7
	Jennett	Claypan Bottom 12-18 PZ (021XY506OR)	Favorable	1200	Nevada bluegrass		25
			Normal	1000	Canby bluegrass		15
			Unfavorable	700	Idaho fescue		10
	Schnipps	Juniper-Mahogany-Fescue 16-20 PZ (021XY420XY)	Favorable	1000	Idaho fescue		25
			Normal	800	Bluebunch wheatgrass		10
			Unfavorable	600	Antelope bitterbrush		10
					Western needlegrass		5
					Curl-leaf mt mahogany		5

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 and Soil Name	% of Map Unit	Camp Areas		Picnic Areas		Playgrounds	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
300A:							
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
						Restricted permeability	0.43
310A:							
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
						Restricted permeability	0.43
Dranket	20	Somewhat Limited		Somewhat Limited		Very Limited	
		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
						Depth to bedrock	0.65
						Slope	0.48
Norcross	15	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
312A:							
Norcross, wooded	65	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
Dranket	20	Somewhat Limited		Somewhat Limited		Very Limited	
		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
						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:							
Casebeer	35	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	Depth to bedrock	0.46
Norcross	30	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
						Restricted Permeability	0.43
						Depth to bedrock	0.35

Table 4. – RECREATION (continued)

Map Symbol and Soil Name	% of Map Unit	Camp Areas		Picnic Areas		Playgrounds	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
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
						Restricted permeability	0.44
331B:							
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	Depth to cemented pan	1.00
						Gravel content	0.86
						Restricted Permeability	0.43
						Depth to bedrock	0.35
Dranket	30	Somewhat Limited		Somewhat Limited		Very Limited	
		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
						Depth to bedrock	0.65
						Restricted permeability	0.44
Casebeer	15	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
						Slope	0.05
335B:							
Norcross, wooded	55	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
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
						Slope	0.05
342A:							
Casebeer	85	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	Depth to cemented pan	1.00
		Restricted Permeability	0.41	Restricted Permeability	0.41	Gravel content	0.50
						Restricted permeability	0.41
						Slope	0.05

Table 4. – RECREATION (continued)

Map Symbol and Soil Name	% of Map Unit	Camp Areas		Picnic Areas		Playgrounds	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
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:							
Norcross, ponded	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	Gravel content	0.86
						Restricted permeability	0.43
Boulder Lake	35	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
Jennett	15	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	0.94	Depth to saturated zone	1.00
		Restricted Permeability	0.44	Restricted Permeability	0.44	Restricted Permeability	0.44
345A:							
Casebeer	70	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	Depth to cemented pan	1.00
		Restricted Permeability	0.41	Restricted Permeability	0.41	Gravel content	0.50
						Restricted Permeability	0.41
						Slope	0.05
Pankeybasin, stony	15	Somewhat Limited		Somewhat Limited		Very Limited	
		Restricted Permeability	0.39	Restricted Permeability	0.39	Content of large stones	1.00
		Content of large stones	0.08	Content of large stones	0.08	Gravel content	0.95
						Restricted Permeability	0.39
						Slope	0.05
350B:							
Woolencanyon	45	Very Limited		Very Limited		Very Limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00	Content of large stones	1.00
		Depth to bedrock	1.00	Depth to bedrock	1.00	Depth to cemented pan	1.00
		Content of large stones	0.82	Content of large stones	0.82	Depth to bedrock	1.00
		Restricted permeability	0.45	Restricted permeability	0.45	Slope	0.48
						Restricted permeability	0.45
Notchcorral	25	Somewhat Limited		Somewhat Limited		Very Limited	
		Restricted Permeability	0.43	Restricted Permeability	0.43	Content of large stones	1.00
		Content of large stones	0.02	Content of large stones	0.02	Gravel content	1.00
						Depth to cemented pan	0.97
						Slope	0.48
						Restricted permeability	0.43
Wonser	20	Very Limited		Very Limited		Very Limited	
		Depth to bedrock	1.00	Depth to bedrock	1.00	Content of large stones	1.00
		Depth to cemented pan	1.00	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	1.00
		Restricted permeability	0.44	Restricted permeability	0.44	Gravel content	0.92
						Restricted permeability	0.44
360B:							
Devaul	45	Somewhat Limited		Somewhat Limited		Somewhat Limited	
		Restricted Permeability	0.05	Restricted Permeability	0.05	Slope	0.94
						Gravel content	0.78
						Content of large stones	0.68
						Restricted permeability	0.05

Table 4. – RECREATION (continued)

Map Symbol and Soil Name	% of Map Unit	Camp Areas		Picnic Areas		Playgrounds	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
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:							
Widmer	60	Somewhat Limited		Somewhat Limited		Somewhat Limited	
		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	
		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
						Restricted permeability	0.44
						Gravel content	0.33
						Content of large stones	0.03
380C:							
Menbo, cool	40	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
Drakce	30	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
						Gravel content	0.38
Rock Outcrop	20	Not Rated		Not Rated		Not Rated	
390A:							
Teeltruc	85	Not Limited		Not Limited		Somewhat Limited	
						Slope	0.21
						Content of large stones	0.01
392B:							
Teeltruc	65	Not Limited		Not Limited		Somewhat Limited	
						Slope	0.77
						Content of large stones	0.01

Table 4. – RECREATION (continued)

Map Symbol and Soil Name	% of Map Unit	Camp Areas		Picnic Areas		Playgrounds	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
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
						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		Not Rated		Not Rated	
500C:							
Mound	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
						Gravel Content	0.14
Royst	30	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	0.92
						Restricted permeability	0.44
						Gravel Content	0.22
						Depth to bedrock	0.01
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
		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
Drakce	25	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
						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

Table 4. – RECREATION (continued)

Map Symbol and Soil Name	% of Map Unit	Camp Areas		Picnic Areas		Playgrounds	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
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:							
Bumpheads, moist	35	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
						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	0.48
						Restricted permeability	0.39
						Gravel Content	0.14
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
517B:							
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
						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:							
Mound	45	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	0.02	Content of large stones	0.02	Restricted permeability	0.39
						Gravel Content	0.14
Benhall	40	Somewhat Limited		Somewhat Limited		Very Limited	
		Restricted permeability	0.26	Restricted permeability	0.26	Slope	1.00
		Slope	0.16	Slope	0.16	Content of large stones	0.65
						Gravel Content	0.32
						Restricted permeability	0.26
						Depth to bedrock	0.01
525C:							
Mound	85	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
						Gravel Content	0.14

Table 4. – RECREATION (continued)

Map Symbol and Soil Name	% of Map Unit	Camp Areas		Picnic Areas		Playgrounds	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
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	
		Restricted permeability	0.43	Restricted permeability	0.43	Slope	1.00
						Gravel Content	0.78
						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
						Gravel Content	0.14
540C:							
Schnipps, moist	60	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
Mound	25	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	0.02	Content of large stones	0.02	Restricted permeability	0.39
						Gravel Content	0.14
542B:							
Grohs	45	Somewhat Limited		Somewhat Limited		Very Limited	
		Restricted permeability	0.44	Restricted permeability	0.44	Slope	1.00
						Depth to bedrock	0.95
						Content of large stones	0.68
						Restricted permeability	0.44
						Gravel Content	0.04
Carrbutte	40	Somewhat Limited		Somewhat Limited		Very Limited	
		Restricted permeability	0.41	Restricted permeability	0.41	Slope	1.00
		Slope	0.16	Slope	0.16	Content of large stones	0.68
						Restricted permeability	0.41
						Gravel Content	0.32
543B:							
Carrbutte	85	Somewhat Limited		Somewhat Limited		Very Limited	
		Restricted permeability	0.41	Restricted permeability	0.41	Slope	1.00
						Content of large stones	0.68
						Restricted permeability	0.41
						Gravel Content	0.32

Table 4. – RECREATION (continued)

Map Symbol and Soil Name	% of Map Unit	Camp Areas		Picnic Areas		Playgrounds	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
550C:							
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
560C:							
Drakce	45	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
						Gravel Content	0.38
Dranket	40	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	Slope	1.00
						Gravel content	0.86
						Depth to cemented pan	0.84
						Depth to bedrock	0.65
600A:							
Boulder Lake	55	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
		Restricted Permeability	0.45	Restricted Permeability	0.45	Restricted Permeability	0.45
Hippyjim	35	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
		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:							
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		Very limited		Very limited	
		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
		Restricted Permeability	0.94	Depth to saturated zone	0.75	Restricted Permeability	0.94
610A:							
Hippyjim	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
		Restricted Permeability	0.45	Restricted Permeability	0.45	Restricted Permeability	0.45
615A:							
Olene	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
		Too clayey	0.50	Too clayey	0.50	Gravel content	0.97
		Restricted Permeability	0.45	Restricted Permeability	0.45	Too clayey	0.50
						Restricted Permeability	0.45
Boulderlake	40	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

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 and Soil Name	% of Map Unit	Paths and Trails		Off-road motorcycle trails	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
300A:					
Norcross	85	Somewhat Limited		Somewhat Limited	
		Content of large stones	0.18	Content of large stones	0.18
310A:					
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:					
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		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	
		Depth to saturated zone	1.00	Ponding	1.00
		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

Table 5. – RECREATION (continued)

Map Symbol and Soil Name	% of Map Unit	Paths and Trails		Off-road motorcycle trails	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
345A:					
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:					
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:					
Teeltruc	85	Not Limited		Not Limited	
392B:					
Teeltruc	65	Not Limited		Not Limited	
Schnipps, moist	20	Somewhat Limited		Somewhat Limited	
		Content of large stones	0.08	Content of large stones	0.08
400C:					
Schnipps	85	Not Limited		Not Limited	
402C:					
Devaul	60	Not Limited		Not Limited	
Schnipps	30	Not Limited		Not Limited	
410D:					
Drakce	65	Very Limited		Somewhat Limited	
		Slope	1.00	Content of large stones	0.32
		Content of large stones	0.32	Slope	0.22
Rock Outcrop	20	Not Rated		Not Rated	
500C:					
Mound	40	Somewhat Limited		Somewhat Limited	
		Slope	0.50	Content of large stones	0.02
		Content of large stones	0.02		
Royst	30	Somewhat Limited		Not Limited	
		Slope	0.50		
Rock Outcrop	15	Not Rated		Not Rated	
505D:					
Menbo	40	Very Limited		Very Limited	
		Slope	1.00	Slope	1.00
		Content of large stones	0.26	Content of large stones	0.26

Table 5. – RECREATION (continued)

Map Symbol and Soil Name	% of Map Unit	Paths and Trails		Off-road motorcycle trails	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
Drakce	25	Very Limited		Very Limited	
		Slope	1.00	Slope	1.00
		Content of large stones	0.32	Content of large stones	0.32
Rock Outcrop	20	Not Rated		Not Rated	
510B:					
Schnipps, moist	45	Not Limited		Not Limited	
Norcross, wooded	40	Somewhat Limited		Somewhat Limited	
		Content of large stones	0.18	Content of large stones	0.18
515B:					
Bumpheads, moist	35	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	25	Somewhat Limited		Somewhat Limited	
		Content of large stones	0.68	Content of large stones	0.68
517B:					
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		
530B:					
Benhall, moist	45	Not Limited		Not Limited	
Mound, moist	40	Somewhat Limited		Somewhat Limited	
		Content of large stones	0.02	Content of large stones	0.02
532B:					
Tallboy	85	Not Limited		Not Limited	
533C:					
Benhall, moist	45	Very Limited		Not Limited	
		Slope	1.00		
Mound, moist	40	Very Limited		Somewhat Limited	
		Slope	1.00	Content of large stones	0.02
		Content of large stones	0.02		
540C:					
Schnipps, moist	60	Not Limited		Not Limited	
Mound	25	Somewhat Limited		Somewhat Limited	
		Content of large stones	0.02	Content of large stones	0.02
542B:					
Grohs	45	Not Limited		Not Limited	
Carrbutte	40	Not Limited		Not Limited	
543B:					
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
		Content of large stones	0.32		
Dranket	40	Somewhat Limited		Somewhat Limited	
		Content of large stones	0.18	Content of large stones	0.18

Table 5. – RECREATION (continued)

Map Symbol and Soil Name	% of Map Unit	Paths and Trails		Off-road motorcycle trails	
		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.)

Map Symbol and Soil Name	% of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
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
		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	Droughty	0.02

Table 6. – BUILDING SITE DEVELOPMENT (continued)

Map Symbol and Soil Name	% of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
331B:							
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		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
Casebeer	15	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
335B:							
Norcross, wooded	55	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
Casebeer	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	Too clayey	0.68	Depth to cemented pan	1.00
		Depth to hard bedrock	0.46	Cutbanks cave	0.10	Droughty	1.00
						Depth to bedrock	0.46
						Gravel Content	0.08
340A:							
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
Casebeer	40	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
342A:							
Casebeer	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	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
343A:							
Jennett	85	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
344A:							
Norcross, ponded	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
		Depth to hard bedrock	0.35	Too clayey	0.76	Droughty	0.48
				Cutbanks cave	0.10	Depth to bedrock	0.35

Table 6. – BUILDING SITE DEVELOPMENT (continued)

Map Symbol and Soil Name	% of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
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:							
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		Very Limited		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:							
Woolencanyon	45	Very Limited		Very Limited		Very Limited	
		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
						Depth to bedrock	1.00
Notchcorral	25	Very Limited		Very Limited		Very Limited	
		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
				Cutbanks cave	0.10		
Wonser	20	Very Limited		Very Limited		Very Limited	
		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
				Content of large stones	0.03	Depth to bedrock	1.00
360B:							
Devaul	45	Very Limited		Somewhat Limited		Somewhat Limited	
		Shrink-swell	1.00	Cutbanks cave	0.10	Content of large stones	0.68
		Frost action	0.50	Content of large stones	0.01		
				Content of large stones	0.01		
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
		Depth to hard bedrock	0.35	Too clayey	0.76	Droughty	0.48
				Cutbanks cave	0.10	Depth to bedrock	0.35
362B:							
Casebeer	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	Too clayey	0.68	Depth to cemented pan	1.00
		Depth to hard bedrock	0.46	Cutbanks cave	0.10	Droughty	1.00
						Depth to bedrock	0.46
Devaul	30	Very Limited		Somewhat Limited		Somewhat Limited	
		Shrink-swell	1.00	Cutbanks cave	0.10	Content of large stones	0.68
		Frost action	0.50	Content of large stones	0.01		
				Content of large stones	0.01		
						Gravel content	0.08

Table 6. – BUILDING SITE DEVELOPMENT (continued)

Map Symbol and Soil Name	% of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
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
370B:							
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:							
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		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	
390A:							
Teeltruc	85	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		
392B:							
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		
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
		Frost action	0.50	Too clayey	0.02		

Table 6. – BUILDING SITE DEVELOPMENT (continued)

Map Symbol and Soil Name	% of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
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:							
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	0.01
		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	0.87
		Frost action	0.50	Too clayey	0.12	Depth to bedrock	0.65
		Content of large stones	0.40	Cutbanks cave	0.10		
Drakce	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		
		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	
		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
		Depth to hard bedrock	0.35	Too clayey	0.76	Droughty	0.48
				Cutbanks cave	0.10	Depth to bedrock	0.35
515B:							
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
		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		

Table 6. – BUILDING SITE DEVELOPMENT (continued)

Map Symbol and Soil Name	% of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
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
		Depth to hard bedrock	0.35	Too clayey	0.76	Droughty	0.48
				Cutbanks cave	0.10	Depth to bedrock	0.35
520B:							
Mound	45	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	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		
				Too clayey	0.03		
Benhall	40	Somewhat Limited		Very Limited		Somewhat Limited	
		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:							
Mound	85	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		
530B:							
Benhall, moist	45	Somewhat Limited		Very Limited		Somewhat Limited	
		Shrink-swell	0.78	Cutbanks cave	1.00	Content of large stones	0.68
		Frost action	0.50	Depth to soft bedrock	0.01	Depth to bedrock	0.01
Mound, moist	40	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		
532B:							
Tallboy	85	Very Limited		Very Limited		Somewhat Limited	
		Shrink-swell	1.00	Cutbanks cave	1.00	Content of large stones	0.68
		Frost action	0.50	Too clayey	0.12		
				Depth to hard bedrock	0.05		
533C:							
Benhall, moist	45	Very Limited		Very Limited		Very Limited	
		Slope	1.00	Slope	1.00	Slope	1.00
		Shrink-swell	0.78	Cutbanks cave	1.00	Content of large stones	0.68
		Frost action	0.50	Depth to soft bedrock	0.01	Depth to bedrock	0.01

Table 6. – BUILDING SITE DEVELOPMENT (continued)

Map Symbol and Soil Name	% of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
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:							
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		Somewhat Limited		Very Limited	
		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		
				Too clayey	0.03		
542B:							
Grohs	45	Very Limited		Very Limited		Somewhat Limited	
		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
				Too clayey	0.24		
Carrutte	40	Very Limited		Somewhat Limited		Somewhat Limited	
		Shrink-swell	1.00	Too clayey	0.32	Content of large stones	0.68
		Frost action	0.50	Content of large stones	0.25	Slope	0.16
		Content of large stones	0.20	Slope	0.16		
		Slope	0.16	Cutbanks cave	0.10		
				Depth to hard bedrock	0.02		
543B:							
Carrutte	85	Very Limited		Somewhat Limited		Somewhat Limited	
		Shrink-swell	1.00	Too clayey	0.32	Content of large stones	0.68
		Frost action	0.50	Content of large stones	0.25		
		Content of large stones	0.20	Cutbanks cave	0.10		
				Depth to hard bedrock	0.02		
550C:							
Menbo	85	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		
560C:							
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		
		Frost action	0.50	Too clayey	0.32		
				Cutbanks cave	0.10		
Dranket	40	Very Limited		Very Limited		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
				Too clayey	0.68	Droughty	0.02
600A:							
Boulder Lake	55	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)

Map Symbol and Soil Name	% of Map Unit	Local Roads and Streets		Shallow Excavations		Lawns and Landscaping	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
600A:							
Hippyjim	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	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 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 and Soil Name	% of Map Unit	Septic tank and absorption fields		Sewage Lagoons	
		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:					
Pankeybasin	85	Very Limited		Very Limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
330B:					
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:					
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
				Slope	0.09
Dranket	30	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
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

Table 7.—SANITARY FACILITIES (continued)

Map Symbol and Soil Name	% of Map Unit	Septic tank and absorption fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and 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
				Slope	0.09
340A:					
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
				Slope	0.01
Casebeer	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	0.01
342A:					
Casebeer	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	0.01
343A:					
Jennett	85	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
344A:					
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
				Slope	0.01
Pankeybasin, stony	15	Very Limited		Very Limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
				Slope	0.01
350B:					
Woolencanyon	45	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
				Slope	0.33
Notchcorral	25	Very Limited		Very Limited	
		Depth to cemented pan	1.00	Depth to cemented pan	1.00
		Depth to bedrock	0.78	Depth to hard bedrock	0.42
				Slope	0.33

Table 7.—SANITARY FACILITIES (continued)

Map Symbol and Soil Name	% of Map Unit	Septic tank and absorption fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and 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:					
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
				Slope	0.09
Devaul	30	Very Limited		Somewhat Limited	
		Restricted permeability	1.00	Slope	0.33
		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	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
370B:					
Widmer	60	Very Limited		Very Limited	
		Restricted permeability	1.00	Depth to soft bedrock	1.00
		Depth to bedrock	1.00	Depth to hard bedrock	0.99
				Slope	0.67
Lorella	25	Very Limited		Very Limited	
		Depth to bedrock	1.00	Depth to hard bedrock	1.00
		Content of large stones	0.05	Content of large stones	0.54
				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		
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:					
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:					
Teeltruc	65	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
Schnipps, moist	20	Very Limited		Very Limited	
		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	0.39

Table 7.—SANITARY FACILITIES (continued)

Map Symbol and Soil Name	% of Map Unit	Septic tank and absorption fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
400C:					
Schnipps	85	Very Limited		Very Limited	
		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:					
Devaul	60	Very Limited		Somewhat Limited	
		Restricted permeability	1.00	Slope	1.00
		Depth to bedrock	0.47	Depth to soft bedrock	0.05
		Slope	0.16	Content of large stones	0.01
		Content of large stones	0.01		
Schnipps	30	Very Limited		Very Limited	
		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	0.22
410D:					
Drakce	65	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	
500C:					
Mound	40	Very Limited		Very Limited	
		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:					
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
				Slope	0.33

Table 7.—SANITARY FACILITIES (continued)

Map Symbol and Soil Name	% of Map Unit	Septic tank and absorption fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
515B:					
Bumpheads, moist	35	Very Limited		Very Limited	
		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:					
Bumpheads	40	Very Limited		Very Limited	
		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
				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	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:					
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	
		Restricted permeability	1.00	Depth to soft bedrock	1.00
		Depth to bedrock	1.00	Slope	1.00
		Slope	0.16	Seepage	0.18
525C:					
Mound	85	Very Limited		Very Limited	
		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
530B:					
Benhall, moist	45	Very Limited		Very Limited	
		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
		Content of large stones	0.20	Content of large stones	0.02
				Seepage	0.18
				Depth to hard bedrock	0.05

Table 7.—SANITARY FACILITIES (continued)

Map Symbol and Soil Name	% of Map Unit	Septic tank and absorption fields		Sewage Lagoons	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
532B:					
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:					
Benhall, moist	45	Very Limited		Very Limited	
		Slope	1.00	Slope	1.00
		Restricted permeability	1.00	Depth to soft bedrock	1.00
		Depth to bedrock	0.99	Seepage	0.18
Mound, moist	40	Very Limited		Very Limited	
		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
				Depth to hard bedrock	0.05
540C:					
Schnipps, moist	60	Very Limited		Very Limited	
		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	0.22
Mound	25	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
542B:					
Grohs	45	Very Limited		Very Limited	
		Depth to bedrock	1.00	Depth to soft bedrock	1.00
				Depth to hard bedrock	1.00
				Slope	1.00
Carrbutte	40	Very Limited		Very Limited	
		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	0.95
		Slope	0.16	Depth to hard bedrock	0.02
543B:					
Carrbutte	85	Very Limited		Very Limited	
		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	0.95
				Depth to hard bedrock	0.02
550C:					
Menbo	85	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		
560C:					
Drakce	45	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		
Dranket	40	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	1.00

Table 7.—SANITARY FACILITIES (continued)

Map Symbol and Soil Name	% of Map Unit	Septic tank and absorption fields		Sewage Lagoons	
		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:					
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:					
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		
610A:					
Hippyjim	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	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		
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		

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 and Soil Name	% of Map Unit	Potential source of gravel		Potential source of sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
300A:					
Norcross	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
310A:					
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:					
Pankeybasin	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
330B:					
Casebeer	35	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Norcross	30	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
331B:					
Norcross	45	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Dranket	30	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Casebeer	15	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
335B:					
Norcross, wooded	55	Poor		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

Table 8.— CONSTRUCTION MATERIALS (continued)

Map Symbol and Soil Name	% of Map Unit	Potential source of gravel		Potential source of sand	
		Rating Class and Limiting Features	Value	Rating Class and 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
		Thickest layer	0.00	Thickest layer	0.00
350B:					
Woolencanyon	45	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Notchcorral	25	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Wonser	20	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
360B:					
Devaul	45	Poor		Poor	
		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
362B:					
Casebeer	30	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Devaul	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
370B:					
Widmer	60	Fair		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.04	Thickest layer	0.00

Table 8.— CONSTRUCTION MATERIALS (continued)

Map Symbol and Soil Name	% of Map Unit	Potential source of gravel		Potential source of sand	
		Rating Class and Limiting Features	Value	Rating Class and 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	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.06
392B:					
Teeltruc	65	Poor		Fair	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.06
Schnipps, moist	20	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
400C:					
Schnipps	85	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
402C:					
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		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Rock Outcrop	15	Not rated		Not rated	
505D:					
Menbo	40	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Drakce	25	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	
510B:					
Schnipps, moist	45	Poor		Poor	
		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

Table 8.— CONSTRUCTION MATERIALS (continued)

Map Symbol and Soil Name	% of Map Unit	Potential source of gravel		Potential source of sand	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
515B:					
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
		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:					
Benhall, moist	45	Poor		Poor	
		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
		Thickest layer	0.00	Thickest layer	0.00
533C:					
Benhall, moist	45	Poor		Poor	
		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
540C:					
Schnipps, moist	60	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
Mound	25	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00
542B:					
Grohs	45	Poor		Poor	
		Bottom layer	0.00	Bottom layer	0.00
		Thickest layer	0.00	Thickest layer	0.00

Table 8.— CONSTRUCTION MATERIALS (continued)

Map Symbol and Soil Name	% of Map Unit	Potential source of gravel		Potential source of sand	
		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 and Soil Name	% of Map Unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
300A:							
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
		Depth to bedrock	0.65			Rock fragments	0.88
310A:							
Norcross, wooded	50	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				
Norcross	15	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
312A:							
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:							
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:							
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 matter	0.32			Rock fragments	0.88
		Depth to bedrock	0.54				
Norcross	30	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	0.15	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				

Table 9. – CONSTRUCTION MATERIALS (continued)

Map Symbol and Soil Name	% of Map Unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
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		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				
Casebeer	15	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				
335B:							
Norcross, wooded	55	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	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				
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 matter	0.32			Rock fragments	0.88
		Depth to bedrock	0.54				
342A:							
Casebeer	85	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				
343A:							
Jennett	85	Poor		Poor		Poor	
		Too clayey	0.00	Depth to cemented pan	0.00	Too clayey	0.00
		Depth to cemented pan	0.01	Depth to saturated zone	0.04	Depth to cemented pan	0.01
		Droughty	0.15	Shrink-swell	0.22	Depth to saturated zone	0.04
		Water erosion	0.68				
		Low content of organic matter	0.68				

Table 9. – CONSTRUCTION MATERIALS (continued)

Map Symbol and Soil Name	% of Map Unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
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 matter	0.12	Shrink-swell	0.14	Depth to saturated zone	0.00
		Water erosion	0.90				
Jennett	15	Poor		Poor		Poor	
		Too clayey	0.00	Depth to cemented pan	0.00	Too clayey	0.00
		Depth to cemented pan	0.01	Depth to saturated zone	0.04	Depth to cemented pan	0.01
		Droughty	0.15	Shrink-swell	0.22	Depth to saturated zone	0.04
		Water erosion	0.68				
		Low content of organic matter	0.68				
345A:							
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				
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 matter	0.68				
350B:							
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 matter	0.82				
Wonser	20	Poor		Poor		Poor	
		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
		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 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	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

Table 9. – CONSTRUCTION MATERIALS (continued)

Map Symbol and Soil Name	% of Map Unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
362B:							
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
		Depth to bedrock	0.65			Rock fragments	0.88
370B:							
Widmer	60	Fair		Poor		Poor	
		Droughty	0.19	Depth to bedrock	0.00	Rock fragments	0.00
		Depth to bedrock	0.65	Shrink-swell	0.66	Depth to bedrock	0.65
		Low content of organic 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
		Depth to bedrock	0.00	Cobble content	0.88	Depth to bedrock	0.00
380C:							
Menbo, cool	40	Poor		Poor		Poor	
		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:							
Teeltruc	85	Fair		Fair		Fair	
		Droughty	0.98	Depth to cemented pan	0.68	Hard to reclaim	0.88
392B:							
Teeltruc	65	Fair		Fair		Fair	
		Droughty	0.98	Depth to cemented pan	0.68	Hard to reclaim	0.88
Schnipps, moist	20	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	0.90	Hard to reclaim	0.50
				Cobble content	0.98	Slope	0.84
400C:							
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
				Stone content	0.90	Hard to reclaim	0.50
				Cobble content	0.98	Slope	0.84

Table 9. – CONSTRUCTION MATERIALS (continued)

Map Symbol and Soil Name	% of Map Unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
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:							
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		
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	0.71	Depth to bedrock	0.99
		Stone content	0.99	Stone content	0.82		
Rock Outcrop	15	Not Rated		Not Rated		Not Rated	
505D:							
Menbo	40	Poor		Poor		Poor	
		Too clayey	0.00	Slope	0.00	Slope	0.00
		Low content of organic matter	0.82	Depth to bedrock	0.00	Rock fragments	0.00
		Stone content	0.82	Shrink-swell	0.16	Too clayey	0.17
		Cobble content	0.92	Stone content	0.50	Depth to bedrock	0.35
		Droughty	0.94	Cobble content	0.78		
Drakce	25	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	
510B:							
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
				Cobble content	0.98		

Table 9. – CONSTRUCTION MATERIALS (continued)

Map Symbol and Soil Name	% of Map Unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
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 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	Slope	0.50	Too clayey	0.00
		Droughty	0.99	Cobble content	0.58		
				Stone content	0.72		
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
		Depth to bedrock	0.65			Rock fragments	0.88
517B:							
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:							
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	
		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:							
Mound	85	Poor		Fair		Poor	
		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
		Droughty	0.99	Cobble content	0.58		
				Stone content	0.72		

Table 9. – CONSTRUCTION MATERIALS (continued)

Map Symbol and Soil Name	% of Map Unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
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
				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:							
Schnipps, moist	60	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
Mound	25	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
542B:							
Grohs	45	Poor		Poor		Poor	
		Too clayey	0.00	Depth to bedrock	0.00	Too clayey	0.00
		Droughty	0.00	Shrink-swell	0.06	Depth to bedrock	0.05
		Depth to bedrock	0.05			Rock fragments	0.12
Carrutte	40	Poor		Fair		Poor	
		Too clayey	0.00	Depth to bedrock	0.01	Too clayey	0.00
		Droughty	0.59	Cobble content	0.19	Hard to reclaim	0.00
		Cobble content	0.95	Shrink-swell	0.36	Rock fragments	0.00
						Slope	0.84
543B:							
Carrutte	85	Poor		Fair		Poor	
		Too clayey	0.00	Depth to bedrock	0.01	Too clayey	0.00
		Droughty	0.59	Cobble content	0.19	Hard to reclaim	0.00
		Cobble content	0.95	Shrink-swell	0.36	Rock fragments	0.00
550C:							
Menbo	85	Poor		Poor		Poor	
		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		

Table 9. – CONSTRUCTION MATERIALS (continued)

Map Symbol and Soil Name	% of Map Unit	Potential source of reclamation material		Potential source of roadfill		Potential source of topsoil	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
560C:							
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:							
Boulder Lake	55	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				
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:							
Hippyjim	85	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		
615A:							
Olene	45	Poor		Poor		Poor	
		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	
		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 and Soil Name	% of Map Unit	Pond Reservoir Areas		Embankments, Dikes, & Levies		Aquifer-fed Excavated Ponds	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
300A:							
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		
310A:							
Norcross, wooded	50	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		
Norcross	15	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		
312A:							
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:							
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		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		
331B:							
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		
Dranket	30	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		
Casebeer	15	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		
335B:							
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		
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		

Table 10. – WATER MANAGEMENT (continued)

Map Symbol and Soil Name	% of Map Unit	Pond Reservoir Areas		Embankments, Dikes, & Levies		Aquifer-fed Excavated Ponds	
		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	
		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		
342A:							
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:							
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	
		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:							
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
		Depth to bedrock	0.83	Thin layer	1.00		

Table 10. – WATER MANAGEMENT (continued)

Map Symbol and Soil Name	% of Map Unit	Pond Reservoir Areas		Embankments, Dikes, & Levies		Aquifer-fed Excavated Ponds	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and 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		
				Content of large stones	0.05		
380C:							
Menbo, cool	40	Somewhat Limited		Somewhat Limited		Very Limited	
		Depth to bedrock	0.91	Thin layer	0.91	Deep to water	1.00
		Slope	0.64	Content of large stones	0.40		
Drakce	30	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		
Rock Outcrop	20	Not Rated		Not Rated		Not Rated	
390A:							
Teeltruc	85	Very Limited		Somewhat Limited		Very Limited	
		Seepage	1.00	Thin layer	0.08	Deep to water	1.00
		Depth to cemented pan	0.08	Seepage	0.06		
392B:							
Teeltruc	65	Very Limited		Somewhat Limited		Very Limited	
		Seepage	1.00	Thin layer	0.08	Deep to water	1.00
		Depth to cemented pan	0.08	Seepage	0.06		
Schnipps, moist	20	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		
400C:							
Schnipps	85	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		
402C:							
Devaul	60	Somewhat Limited		Somewhat Limited		Very Limited	
		Seepage	0.03	Thin layer	0.01	Deep to water	1.00
		Depth to bedrock	0.01	Content of large stones	0.01		
Schnipps	30	Somewhat Limited		Somewhat Limited		Very Limited	
		Slope	0.03	Hard to pack	0.67	Very Limited	
		Seepage	0.03	Thin layer	0.13	Deep to water	1.00
		Depth to bedrock	0.01				
410D:							
Drakce	65	Somewhat Limited		Somewhat Limited		Very Limited	
		Slope	0.50	Thin layer	0.70	Deep to water	1.00
		Depth to bedrock	0.01	Content of large stones	0.29		
Rock Outcrop	20	Not Rated		Not Rated		Not Rated	
500C:							
Mound	40	Somewhat Limited		Somewhat Limited		Very Limited	
		Slope	0.12	Thin layer	0.37	Deep to water	1.00
		Depth to bedrock	0.01	Content of large stones	0.20		
Royst	30	Somewhat Limited		Somewhat Limited		Very Limited	
		Depth to bedrock	0.26	Thin layer	0.56	Deep to water	1.00
		Slope	0.12	Content of large stones	0.14		
Rock Outcrop	15	Not Rated		Not Rated		Not Rated	
505D:							
Menbo	40	Somewhat Limited		Somewhat Limited		Very Limited	
		Slope	0.97	Thin layer	0.91	Deep to water	1.00
		Depth to bedrock	0.91	Content of large stones	0.40		
Drakce	25	Somewhat Limited		Somewhat Limited		Very Limited	
		Slope	0.97	Content of large stones	0.70	Deep to water	1.00
		Depth to bedrock	0.29	Thin layer	0.29		
Rock Outcrop	20	Not Rated		Not Rated		Not Rated	

Table 10. – WATER MANAGEMENT (continued)

Map Symbol and Soil Name	% of Map Unit	Pond Reservoir Areas		Embankments, Dikes, & Levies		Aquifer-fed Excavated Ponds	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and 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:							
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
		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:							
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:							
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	
		Depth to bedrock	0.01	Thin layer	0.37	Deep to water	1.00
				Content of large stones	0.20		
532B:							
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:							
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		

Table 10. – WATER MANAGEMENT (continued)

Map Symbol and Soil Name	% of Map Unit	Pond Reservoir Areas		Embankments, Dikes, & Levies		Aquifer-fed Excavated Ponds	
		Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value	Rating Class and Limiting Features	Value
540C:							
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
				Hard to pack	0.97		
Carrbutte	40	Somewhat Limited		Somewhat Limited		Very Limited	
		Seepage	0.03	Hard to pack	0.83	Deep to water	1.00
		Depth to bedrock	0.01	Thin layer	0.42		
				Content of large stones	0.25		
543B:							
Carrbutte	85	Somewhat Limited		Somewhat Limited		Very Limited	
		Seepage	0.03	Hard to pack	0.83	Deep to water	1.00
		Depth to bedrock	0.01	Thin layer	0.42		
				Content of large stones	0.25		
550C:							
Menbo	85	Somewhat Limited		Somewhat Limited		Very Limited	
		Depth to bedrock	0.91	Thin layer	0.91	Deep to water	1.00
		Slope	0.64	Content of large stones	0.40		
560C:							
Dracke	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
				Depth to saturated zone	1.00	Cutbanks cave	0.10
				Hard to pack	1.00		
				Thin layer	0.19		
602A:							
Boulder Lake	85	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		
605A:							
Boulder Lake	45	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		
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
				Hard to pack	1.00		
				Thin layer	0.19		

Table 10. – WATER MANAGEMENT (continued)

Map Symbol and Soil Name	% of Map Unit	Pond Reservoir Areas		Embankments, Dikes, & Levies		Aquifer-fed Excavated Ponds	
		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 (continued)

Map symbol and soil name	Depth (inches)	USDA texture	Classification		Fragments		Percentage passing sieve number				Liquid limit (%)	Plasticity index
			Unified	AASHTO	>10”	3-10”	4	10	40	200		
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	CH	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			---	---	---	---	---	---	---	---
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	CH	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			---	---	---	---	---	---	---	---
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

Table 11. – ENGINEERING INDEX PROPERTIES (continued)

Map symbol and soil name	Depth (inches)	USDA texture	Classification		Fragments		Percentage passing sieve number				Liquid limit (%)	Plasticity index
			Unified	AASHTO	>10”	3-10”	4	10	40	200		
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	CH	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	CH	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

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.)

Map symbol and soil name	Depth (inches)	Sand (%)	Silt (%)	Clay (%)	Moist Bulk Density (g/cc)	Permeability (Ksat) In/hr	Avail water capacity (In/in)	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
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:														
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	---	---	---	---	---			

Table 12. – PHYSICAL PROPERTIES OF THE SOILS (continued)

Map symbol and soil name	Depth (inches)	Sand (%)	Silt (%)	Clay (%)	Moist Bulk Density (g/cc)	Permeability (Ksat) In/hr	Avail water capacity (In/in)	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
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:														
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			
	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	---	---	---	---	---			

Table 12. – PHYSICAL PROPERTIES OF THE SOILS (continued)

Map symbol and soil name	Depth (inches)	Sand (%)	Silt (%)	Clay (%)	Moist Bulk Density (g/cc)	Permeability (Ksat) In/hr	Avail water capacity (In/in)	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
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	---	---	---	---	---			

Table 12. – PHYSICAL PROPERTIES OF THE SOILS (continued)

Map symbol and soil name	Depth (inches)	Sand (%)	Silt (%)	Clay (%)	Moist Bulk Density (g/cc)	Permeability (Ksat) In/hr	Avail water capacity (In/in)	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
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	---	---	---	---	---	---	---	---	---	---			

Table 12. – PHYSICAL PROPERTIES OF THE SOILS (continued)

Map symbol and soil name	Depth (inches)	Sand (%)	Silt (%)	Clay (%)	Moist Bulk Density (g/cc)	Permeability (Ksat) In/hr	Avail water capacity (In/in)	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
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:														
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			
	23-32	---	---	---	---	0.00-0.0015	---	---	---	---	---			
	32-65	---	---	---	---	0.0015-0.06	---	---	---	---	---			

Table 12. – PHYSICAL PROPERTIES OF THE SOILS (continued)

Map symbol and soil name	Depth (inches)	Sand (%)	Silt (%)	Clay (%)	Moist Bulk Density (g/cc)	Permeability (Ksat) In/hr	Avail water capacity (In/in)	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
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:														
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	---	---	---	---	---			

Table 12. – PHYSICAL PROPERTIES OF THE SOILS (continued)

Map symbol and soil name	Depth (inches)	Sand (%)	Silt (%)	Clay (%)	Moist Bulk Density (g/cc)	Permeability (Ksat) In/hr	Avail water capacity (In/in)	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
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			
	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			
	19-23	---	---	---	---	0.0015-0.06	0.00-0.00	---	0.0-0.0	---	---			

Table 12. – PHYSICAL PROPERTIES OF THE SOILS (continued)

Map symbol and soil name	Depth (inches)	Sand (%)	Silt (%)	Clay (%)	Moist Bulk Density (g/cc)	Permeability (Ksat) In/hr	Avail water capacity (In/in)	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
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	---	---	---	---	---			

Table 12. – PHYSICAL PROPERTIES OF THE SOILS (continued)

Map symbol and soil name	Depth (inches)	Sand (%)	Silt (%)	Clay (%)	Moist Bulk Density (g/cc)	Permeability (Ksat) In/hr	Avail water capacity (In/in)	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
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:														
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
	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	1.25-1.40	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	---	---	---	---	---			

Table 12. – PHYSICAL PROPERTIES OF THE SOILS (continued)

Map symbol and soil name	Depth (inches)	Sand (%)	Silt (%)	Clay (%)	Moist Bulk Density (g/cc)	Permeability (Ksat) In/hr	Avail water capacity (In/in)	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
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	1.25-1.40	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	---	---	---	---	---			

Table 12. – PHYSICAL PROPERTIES OF THE SOILS (continued)

Map symbol and soil name	Depth (inches)	Sand (%)	Silt (%)	Clay (%)	Moist Bulk Density (g/cc)	Permeability (Ksat) In/hr	Avail water capacity (In/in)	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
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	---	---	---	---	---			

Table 12. – PHYSICAL PROPERTIES OF THE SOILS (continued)

Map symbol and soil name	Depth (inches)	Sand (%)	Silt (%)	Clay (%)	Moist Bulk Density (g/cc)	Permeability (Ksat) In/hr	Avail water capacity (In/in)	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
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	---	---	---	---	---			

Table 12. – PHYSICAL PROPERTIES OF THE SOILS (continued)

Map symbol and soil name	Depth (inches)	Sand (%)	Silt (%)	Clay (%)	Moist Bulk Density (g/cc)	Permeability (Ksat) In/hr	Avail water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
560C:														
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	---	---	---	---	---			
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	---	---	---	---	---			
600A:														
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			
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	---	---	---	---	---			
602A:														
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			
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			
	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			
Cressler	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	.37	4	7	38
	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	---	---	35-45	1.25-1.35	0.06-0.2	0.14-0.18	6.0-9.0	0.5-1.0	.32	.32			
	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			

Table 12. – PHYSICAL PROPERTIES OF THE SOILS (continued)

Map symbol and soil name	Depth (inches)	Sand (%)	Silt (%)	Clay (%)	Moist Bulk Density (g/cc)	Permeability (Ksat) In/hr	Avail water capacity	Linear extensibility	Organic matter	Erosion factors			Wind erodibility group	Wind erodibility index
										Kw	Kf	T		
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			

Table 13. – CHEMICAL PROPERTIES OF THE SOILS (continued)

Map symbol and soil name	Depth (inches)	Cation exchange capacity (meg/100g)		Soil Reaction (pH)	Calcium carbonate (%)	Gypsum (%)	Salinity (mmhos/cm)	Sodium adsorption ratio
			(Effective)					
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:								
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	---	---	---	---

Table 13. – CHEMICAL PROPERTIES OF THE SOILS (continued)

Map symbol and soil name	Depth (inches)	Cation exchange capacity (meg/100g)		Soil Reaction (pH)	Calcium carbonate (%)	Gypsum (%)	Salinity (mmhos/cm)	Sodium adsorption ratio
			(Effective)					
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

Table 13. – CHEMICAL PROPERTIES OF THE SOILS (continued)

Map symbol and soil name	Depth (inches)	Cation exchange capacity (meg/100g)		Soil Reaction (pH)	Calcium carbonate (%)	Gypsum (%)	Salinity (mmhos/cm)	Sodium adsorption ratio
			(Effective)					
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.)

Map Symbol and Soil Name	Hydrologic group	Month	Water table		Ponding			Flooding	
			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	C	Jan-Dec.	---	---	---	---	none	---	none
Norcross	D	Jan-Dec.	---	---	---	---	none	---	none
312A:									
Norcross, wooded	D	Jan-Dec.	---	---	---	---	none	---	none
Dranket	C	Jan-Dec.	---	---	---	---	none	---	none
320A:									
Pankeybasin	C	Jan-Dec.	---	---	---	---	none	---	none
330B:									
Casebeer	D	Jan-Dec.	---	---	---	---	none	---	none
Norcross	D	Jan-Dec.	---	---	---	---	none	---	none
Dranket	C	Jan-Dec.	---	---	---	---	none	---	none
331B:									
Norcross	D	Jan-Dec.	---	---	---	---	none	---	none
Dranket	C	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

Table 14.—WATER FEATURES (continued)

Map Symbol and Soil Name	Hydrologic group	Month	Water table		Ponding			Flooding	
			Upper limit (feet)	Lower limit (feet)	Surface water depth (feet)	Duration	Frequency	Duration	Frequency
343A:									
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
		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	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
		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

Table 14.—WATER FEATURES (continued)

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

Table 14.—WATER FEATURES (continued)

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

Table 14.—WATER FEATURES (continued)

Map Symbol and Soil Name	Hydrologic group	Month	Water table		Ponding			Flooding	
			Upper limit (feet)	Lower limit (feet)	Surface water depth (feet)	Duration	Frequency	Duration	Frequency
550C:									
Menbo	C	Jan-Dec.	---	---	---	---	none	---	none
560C:									
Drakce	C	Jan-Dec.	---	---	---	---	none	---	none
Dranket	C	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
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

Table 14.—WATER FEATURES (continued)

Map Symbol and Soil Name	Hydrologic group	Month	Water table		Ponding			Flooding	
			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

Table 14.—WATER FEATURES (continued)

Map Symbol and Soil Name	Hydrologic group	Month	Water table		Ponding			Flooding	
			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 and Soil Name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top (in)	Thickness (in)	Hardness	Initial (in)	Total (in)		Uncoated steel	Concrete
300A:									
Norcross	Duripan Bedrock (lithic)	12-20 18-46	2-26 ---	Indurated ---	---	---	Moderate	Moderate	Low
310A:									
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

Table 15.—SOIL FEATURES (continued)

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

Table 15.—SOIL FEATURES (continued)

Map Symbol and Soil Name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top (in)	Thickness (in)	Hardness	Initial (in)	Total (in)		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:									
Bumpheads, moist	Bedrock (paralithic)	24-40	1-8	---	---	---	Moderate	High	Low
	Bedrock (lithic)	25-48	---	---					
Mound	Bedrock (paralithic)	40-60	---	Weakly cemented	0	---	Moderate	Moderate	Low
	Bedrock (lithic)	45-60		Indurated					
Norcross, wooded	Duripan Bedrock (lithic)	12-20 18-46	2-26 ---	Indurated ---	---	---	Moderate	Moderate	Low
517B:									
Bumpheads	Bedrock (paralithic)	24-40	1-8	---	---	---	Moderate	High	Low
	Bedrock (lithic)	25-48	---	---					
Mound	Bedrock (paralithic)	40-60	---	Weakly cemented	0	---	Moderate	Moderate	Low
	Bedrock (lithic)	45-60		Indurated					
Norcross, wooded	Duripan Bedrock (lithic)	12-20 18-46	2-26 ---	Indurated ---	---	---	Moderate	Moderate	Low
520B:									
Mound	Bedrock (paralithic)	40-60	---	Weakly cemented	0	---	Moderate	Moderate	Low
	Bedrock (lithic)	45-60		Indurated					
Benhall	Bedrock (paralithic)	38-40	4-20	Weakly cemented	---	---	Moderate	Moderate	Low
525C:									
Mound	Bedrock (paralithic)	40-60	---	Weakly cemented	0	---	Moderate	Moderate	Low
	Bedrock (lithic)	45-60		Indurated					
530B:									
Benhall, moist	Bedrock (paralithic)	38-40	4-20	Weakly cemented	---	---	Moderate	Moderate	Low
Mound, moist	Bedrock (paralithic)	40-60	---	Weakly cemented	0	---	Moderate	Moderate	Low
	Bedrock (lithic)	45-60		Indurated					
532B:									
Tallboy	Bedrock (paralithic)	40-50	---	Moderately cemented	---	---	Moderate	High	Low
	Bedrock (lithic)	50-70	---	Indurated					
533C:									
Benhall, moist	Bedrock (paralithic)	38-40	4-20	Weakly cemented	---	---	Moderate	Moderate	Low

Table 15.—SOIL FEATURES (continued)

Map Symbol and Soil Name	Restrictive layer				Subsidence		Potential for frost action	Risk of corrosion	
	Kind	Depth to top (in)	Thickness (in)	Hardness	Initial (in)	Total (in)		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:									
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:									
Menbo, cool	Bedrock (lithic)	20-40	---	---	0	---	Moderate	Moderate	Low
560C:									
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:									
Boulder Lake	---	---	---	---	0	---	High	High	Low
605A:									
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

Table 16.— ACREAGE AND PROPORTIONATE EXTENT OF THE SOILS

Map Unit 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 17.— CLASSIFICATION 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