Paul Shelton

Soils for North Campbell SSA 705

HEL units are circled.

Mark

U.S. Department of Agriculture
Soil Conservation Service

PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS

Survey Area- CAMPBELL COUNTY, WYOMING, NORTHERN PART

Map Symbol	Soil Name	Depth (In)	Clay (pct)	Moist Blk Density (g/cm3)	Permeability (In/hr)	Available water cap (In/in)	Soil React (ph)	Salinity (mmhos/cm)	Shrink Swell Pot.	Erosion Factor K	Erosion Factor T	Wind Erod. Group	Organ Matter (pct)
1A	HAVERDAD	0- 4	15-25	1.15-1.25	0.60- 2.00	0.16-0.18	7.4-8.4	-	LOW	.32	5	4L	1.0- 2.
		4-60	20-35	1.25-1.40	0.60- 2.00	0.17-0.20	7.4-9.0	0- 4	MODER	.32			0.5- 1.
		60-70	20-35	1.25-1.40	0.60- 2.00	0.15-0.20	7.4-9.0	0- 4	MODER	.37			0.5- 1.
5A	DRAKNAB	0- 2	0-10	1.35-1.45	6.00-20.00	0.07-0.09	7.4-8.4	2- 4	LOW	.20	5	2	0.5- 1.
		2-60	0-10	1.40-1.50	6.00-20.00	0.06-0.09	7.4-9.0	2- 4	LOW	.15			0.5- 1.
12	EMIGRANT	0- 5	22-27	1.15-1.25	0.60- 2.00	0.18-0.20	6.1-7.8	-	MODER	.32	2	6	1.0- 4.
		5-26	35-55	1.20-1.30	0.20- 0.60	0.15-0.17	6.6-8.4	0- 2	HIGH	.24			0.0- 0.
		26-32	35-55	1.20-1.30	0.20- 0.60	0.15-0.17	7.9-8.4	0- 2	HIGH	.24			0.0- 0.
		32-36	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
12C	EMIGRANT	0- 4	10-27	1.15-1.25	0.60- 2.00	0.16-0.18	7.4-8.4	0- 4	LOW	.32	5	4L	0.5- 1.
		4-60	20-35	1.15-1.25	0.60- 2.00	0.10-0.17	7.9-9.0	2- 8	MODER	.37			0.5- 1.
		60-70	20-27	1.15-1.25	0.60- 2.00	0.15-0.20	7.9-9.0	2- 8	LOW	.43			0.1- 0.
14	HARGREAVE	0-10	10-20	1.25-1.35	2.00- 6.00	0.13-0.15	6.1-7.8	0- 2	LOW	.28	3	3	1.0- 2.
		10-20	18-35	1.30-1.40	0.60- 2.00	0.14-0.16	6.1-7.8	0- 2	MODER	.37			0.0- 0.
		20-32	10-20	1.35-1.45	2.00- 6.00	0.13-0.15	6.1-7.8	0- 2	LOW	.43			0.0- 0.
		32-36	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
15	BOWBAC	0- 3	20-25	1.20-1.30	0.60- 2.00	0.14-0.16	6.6-7.3	-	MODER	.32	2	5	1.0- 2.
		3-12	20-35	1.25-1.35	0.60- 2.00	0.14-0.16	6.6-7.8	-	MODER	.32			0.5- 1.
		12-20	20-30	1.25-1.35	0.60- 2.00	0.14-0.16	7.4-8.4	-	MODER	.32			0.0- 0.
		20-26	6-16	1.30-1.40	2.00- 6.00	0.11-0.14	7.9-8.4	-	LOW	.32			0.0- 0.
		26-30	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
15C	BOWBAC	0- 3	20-25	1.20-1.30	0.60- 2.00	0.14-0.16	6.6-7.3	-	MODER	.32	2	6	1.0- 2.
		3-12	20-35	1.25-1.35	0.60- 2.00	0.14-0.16	6.6-7.8	-	MODER	.32			0.5- 1.
		12-20	20-30	1.25-1.35	0.60- 2.00	0.14-0.16	7.4-8.4	-	MODER	.32			0.0- 0.
		20-26	6-16	1.30-1.40	2.00- 6.00	0.11-0.14	7.9-8.4	-	LOW	.32			0.0- 0.
		26-30	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
26	VONALEE	0- 3	7-14	1.35-1.45	2.00- 6.00	0.12-0.14	6.6-7.8	-	LOW	.28	5	3	1.0- 2.
		3-24	10-18	1.35-1.45	2.00- 6.00	0.12-0.14	6.6-7.8	-	LOW	.32			0.5- 1.
		24-60	5-15	1.45-1.55	2.00- 6.00	0.10-0.12	7.9-9.0	-	LOW	.28			0.0- 0.
26C	VONALEE	0- 3	7-14	1.35-1.45	2.00- 6.00	0.12-0.14	6.6-7.8	-	LOW	.28	5	3	1.0- 2.
		3-24	10-18	1.35-1.45	2.00- 6.00	0.12-0.14	6.6-7.8	-	LOW	.32			0.5- 1.
		24-60	5-15	1.45-1.55	2.00- 6.00	0.10-0.12	7.9-9.0	-	LOW	.28			0.0- 0.
28	WYARNO	0- 3	28-35	1.25-1.35	0.60- 2.00	0.18-0.20	6.6-7.3	-	MODER	.32	5	6	1.0- 3.
		3- 8	35-50	1.20-1.35	0.20- 0.60	0.16-0.19	6.6-7.8	-	HIGH	.37			0.5- 1.
		8-60	35-40	1.25-1.35	0.20- 0.60	0.16-0.18	7.9-9.0	0- 2	MODER	.43			0.0- 0.
29B	GAYHART	0- 6	30-40	1.25-1.35	0.20- 0.60	0.15-0.17	7.4-8.4	0- 2	MODER	.37	2	4L	0.5- 1.
		6-30	35-55	1.30-1.40	0.06- 0.20	0.12-0.16	7.9-9.0	0- 8	HIGH	.37			0.0- 0.
		30-34	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
34	BIDMAN	0-12	12-20	1.35-1.45	0.60- 6.00	0.14-0.16	6.1-7.3	-	LOW	.28	5	3	1.0- 3.
		12-27	35-50	1.20-1.30	0.06- 0.20	0.15-0.19	6.6-7.8	-	HIGH	.37			0.5- 1.
		27-36	35-50	1.20-1.30	0.06- 0.20	0.15-0.19	7.4-8.4	0- 2	HIGH	.37			0.5- 1.
		36-60	25-35	1.25-1.40	0.20- 0.60	0.16-0.19	7.9-9.0	0- 2	MODER	.37			0.0- 0.
		60-70	30-42	1.25-1.35	0.06- 0.60	0.15-0.18	7.9-9.0	0- 2	HIGH	.37			0.0- 0.
35	BAHL	0- 5	35-40	1.15-1.25	0.20- 0.60	0.18-0.20	7.9-8.4	0- 4	MODER	.37	5	4L	1.0- 3.
		5-60	40-55	1.20-1.30	0.06- 0.20	0.14-0.16	7.9-9.0	0- 4	HIGH	.43			0.5- 1.
	HELDT	0- 4	30-40	1.05-1.15	0.20- 0.60	0.19-0.21	7.9-9.0	-	MODER	.43	5	4L	0.5- 1.

PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS

Survey Area- CAMPBELL COUNTY, WYOMING, NORTHERN PART

Map Symbol	Soil Name	Depth (In)	Clay (pct)	Moist Blk Density (g/cm3)	Permeability (In/hr)	Available water cap (In/in)	Soil React (ph)	Salinity (mmhos/cm)	Shrink Swell Pot.	Erosion Factor K	Erosion Factor T	Wind Erod. Group	Organic Matter (pct)
		4-14	40-50	1.15-1.30	0.06- 0.20	0.14-0.17	7.9-9.0	-	HIGH	.49			0.5- 0.5
		14-60	35-45	1.20-1.30	0.06- 0.20	0.15-0.20	7.9-9.0	-	HIGH	.49			0.5- 0.5
37	TALUCE	0- 5	8-18	1.25-1.35	6.00-20.00	0.12-0.15	7.4-8.4	-	LOW	.28	1	3	0.5- 1.0
		5-16	10-18	1.35-1.45	6.00-20.00	0.12-0.14	7.9-9.0	-	LOW	.32			0.0- 0.0
		16-20	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0
47	ARVADA	0- 2	15-20	1.25-1.35	2.00- 6.00	0.12-0.14	7.4-8.4	0- 2	LOW	.28	5	3	1.0- 2.0
		2- 9	35-55	1.20-1.30	0.00- 0.06	0.12-0.15	8.4-9.6	2- 4	HIGH	.37	86		0.5- 1.0
		9-15	35-55	1.20-1.30	0.00- 0.06	0.09-0.12	7.8-9.6	4- 12	HIGH	.37			0.5- 1.0
		15-60	35-50	1.20-1.30	0.00- 0.06	0.09-0.12	7.8-9.6	4- 12	HIGH	.37			0.5- 1.0
50	BIDMAN	0-12	15-25	1.25-1.35	0.60- 2.00	0.16-0.18	6.1-7.3	-	MODER	.32	5	5	1.0- 3.0
		12-27	35-50	1.20-1.30	0.06- 0.20	0.15-0.19	6.6-7.8	-	HIGH	.37	56		0.5- 1.0
		27-36	35-50	1.20-1.30	0.06- 0.20	0.15-0.19	7.4-8.4	0- 2	HIGH	.37			0.5- 1.0
		36-60	25-35	1.25-1.40	0.20- 0.60	0.16-0.19	7.9-9.0	0- 2	MODER	.37			0.0- 0.0
		60-70	30-42	1.25-1.35	0.06- 0.60	0.15-0.18	7.9-9.0	0- 2	HIGH	.37			0.0- 0.0
50C	BIDMAN	0-12	15-25	1.25-1.35	0.60- 2.00	0.16-0.18	6.1-7.3	-	MODER	.32	5	5	1.0- 3.0
		12-27	35-50	1.20-1.30	0.06- 0.20	0.15-0.19	6.6-7.8	-	HIGH	.37	56		0.5- 1.0
		27-36	35-50	1.20-1.30	0.06- 0.20	0.15-0.19	7.4-8.4	0- 2	HIGH	.37			0.5- 1.0
		36-60	25-35	1.25-1.40	0.20- 0.60	0.16-0.19	7.9-9.0	0- 2	MODER	.37			0.0- 0.0
		60-70	30-42	1.25-1.35	0.06- 0.60	0.15-0.18	7.9-9.0	0- 2	HIGH	.37			0.0- 0.0
(53)	MOSKEE	0- 4	10-18	1.25-1.35	2.00- 6.00	0.12-0.14	6.6-7.8	0- 2	LOW	.24	5	3	2.0- 4.0
		4-10	20-35	1.25-1.40	0.60- 2.00	0.14-0.16	7.4-7.8	0- 2	MODER	.28	86		1.0- 3.0
		10-16	20-30	1.25-1.40	0.60- 2.00	0.14-0.16	7.9-8.4	0- 2	MODER	.32			0.5- 1.0
		16-60	10-20	1.30-1.45	2.00- 6.00	0.11-0.13	7.9-8.4	0- 2	LOW	.32			0.0- 0.0
	NODEN	0- 9	8-15	1.25-1.35	2.00- 6.00	0.11-0.13	6.6-7.3	-	LOW	.32	5	3	1.0- 3.0
		9-16	20-35	1.25-1.40	0.60- 2.00	0.14-0.16	6.6-7.8	-	MODER	.37			0.0- 0.0
		16-60	8-15	1.35-1.50	0.60- 2.00	0.14-0.16	7.4-7.8	0- 2	LOW	.37			0.0- 0.0
		60-70	15-25	1.25-1.40	0.60- 2.00	0.16-0.18	7.4-7.8	0- 2	LOW	.37			0.0- 0.0
(53C)	MOSKEE	0- 4	10-18	1.25-1.35	2.00- 6.00	0.12-0.14	6.6-7.8	0- 2	LOW	.24	5	3	2.0- 4.0
		4-10	20-35	1.25-1.40	0.60- 2.00	0.14-0.16	7.4-7.8	0- 2	MODER	.28	86		1.0- 3.0
		10-16	20-30	1.25-1.40	0.60- 2.00	0.14-0.16	7.9-8.4	0- 2	MODER	.32			0.5- 1.0
		16-60	10-20	1.30-1.45	2.00- 6.00	0.11-0.13	7.9-8.4	0- 2	LOW	.32			0.0- 0.0
	NODEN	0- 9	8-15	1.25-1.35	2.00- 6.00	0.11-0.13	6.6-7.3	-	LOW	.32	5	3	1.0- 3.0
		9-16	20-35	1.25-1.40	0.60- 2.00	0.14-0.16	6.6-7.8	-	MODER	.37			0.0- 0.0
		16-60	8-15	1.35-1.50	0.60- 2.00	0.14-0.16	7.4-7.8	0- 2	LOW	.37			0.0- 0.0
		60-70	15-25	1.25-1.40	0.60- 2.00	0.16-0.18	7.4-7.8	0- 2	LOW	.37			0.0- 0.0
(53D)	MOSKEE	0- 4	10-18	1.25-1.35	2.00- 6.00	0.12-0.14	6.6-7.8	0- 2	LOW	.24	5	3	2.0- 4.0
		4-10	20-35	1.25-1.40	0.60- 2.00	0.14-0.16	7.4-7.8	0- 2	MODER	.28	86		1.0- 3.0
		10-16	20-30	1.25-1.40	0.60- 2.00	0.14-0.16	7.9-8.4	0- 2	MODER	.32			0.5- 1.0
		16-60	10-20	1.30-1.45	2.00- 6.00	0.11-0.13	7.9-8.4	0- 2	LOW	.32			0.0- 0.0
	NODEN	0- 9	8-15	1.25-1.35	2.00- 6.00	0.11-0.13	6.6-7.3	-	LOW	.32	5	3	1.0- 3.0
		9-16	20-35	1.25-1.40	0.60- 2.00	0.14-0.16	6.6-7.8	-	MODER	.37			0.0- 0.0
		16-60	8-15	1.35-1.50	0.60- 2.00	0.14-0.16	7.4-7.8	0- 2	LOW	.37			0.0- 0.0
		60-70	15-25	1.25-1.40	0.60- 2.00	0.16-0.18	7.4-7.8	0- 2	LOW	.37			0.0- 0.0
54	RECLUSE	0- 8	15-25	1.15-1.25	0.60- 2.00	0.15-0.17	6.6-7.8	-	LOW	.32	5	5	1.0- 2.0
		8-16	28-35	1.25-1.35	0.60- 2.00	0.17-0.20	6.6-7.8	-	MODER	.37	56		0.5- 1.0
		16-40	18-35	1.25-1.35	0.60- 2.00	0.15-0.20	7.4-8.4	0- 2	MODER	.37			0.0- 0.5

PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS

Survey Area- CAMPBELL COUNTY, WYOMING, NORTHERN PART

Map Symbol	Soil Name	Depth (In)	Clay (pct)	Moist Blk Density (g/cm3)	Permeability (In/hr)	Available water cap (In/in)	Soil React (ph)	Salinity (mmhos/cm)	Shrink Swell Pot.	Erosion Factor K	Erosion Factor T	Wind Erod. Group	Organic Matter (pct)
		40-60	10-20	1.35-1.45	0.60- 2.00	0.11-0.13	7.4-8.4	0- 2	LOW	.37			0.0- 0.
		60-70	10-20	1.30-1.40	0.60- 2.00	0.16-0.18	7.4-8.4	0- 2	LOW	.37			0.0- 0.
54C	RECLUSE	0- 8	15-25	1.15-1.25	0.60- 2.00	0.15-0.17	6.6-7.8	-	LOW	.32	5	5	1.0- 2.
		8-16	28-35	1.25-1.35	0.60- 2.00	0.17-0.20	6.6-7.8	-	MODER	.37	56		0.5- 1.
		16-40	18-35	1.25-1.35	0.60- 2.00	0.15-0.20	7.4-8.4	0- 2	MODER	.37			0.0- 0.
		40-60	10-20	1.35-1.45	0.60- 2.00	0.11-0.13	7.4-8.4	0- 2	LOW	.37			0.0- 0.
		60-70	10-20	1.30-1.40	0.60- 2.00	0.16-0.18	7.4-8.4	0- 2	LOW	.37			0.0- 0.
58	PLATMAK	0- 2	15-25	1.15-1.25	0.60- 2.00	0.16-0.18	6.1-7.3	-	LOW	.32	5	5	2.0- 4.
		2- 7	25-32	1.25-1.35	0.60- 2.00	0.17-0.20	6.1-7.3	-	MODER	.37	56		2.0- 4.
		7-26	40-50	1.20-1.30	0.06- 0.20	0.14-0.16	6.6-7.8	-	HIGH	.43			1.0- 2.
		26-60	30-42	1.20-1.35	0.20- 0.60	0.14-0.18	7.9-9.0	-	MODER	.43			0.5- 1.
58C	PLATMAK	0- 2	15-25	1.15-1.25	0.60- 2.00	0.16-0.18	6.1-7.3	-	LOW	.32	5	5	2.0- 4.
		2- 7	25-32	1.25-1.35	0.60- 2.00	0.17-0.20	6.1-7.3	-	MODER	.37	56		2.0- 4.
		7-26	40-50	1.20-1.30	0.06- 0.20	0.14-0.16	6.6-7.8	-	HIGH	.43			1.0- 2.
		26-60	30-42	1.20-1.35	0.20- 0.60	0.14-0.18	7.9-9.0	-	MODER	.43			0.5- 1.
61	ORPHA	0- 3	3- 8	1.35-1.45	20.00-20.00	0.05-0.07	6.6-7.8	-	LOW	.15	5	1	1.0- 2.
		3-60	3- 8	1.45-1.55	20.00-20.00	0.05-0.08	6.6-7.8	-	LOW	.20			0.1- 0.
66	PUGSLEY	0- 4	8-16	1.25-1.35	2.00- 6.00	0.11-0.13	6.6-7.8	-	LOW	.24	2	3	1.0- 2.
		4-15	20-30	1.25-1.40	0.60- 2.00	0.14-0.16	6.6-7.8	-	MODER	.37	86		0.5- 1.
		15-23	6-16	1.40-1.55	2.00-20.00	0.07-0.12	7.4-8.4	-	LOW	.28			0.5- 1.
		23-27	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
66C	PUGSLEY	0- 4	8-16	1.25-1.35	2.00- 6.00	0.11-0.13	6.6-7.8	-	LOW	.24	2	3	1.0- 2.
		4-15	20-30	1.25-1.40	0.60- 2.00	0.14-0.16	6.6-7.8	-	MODER	.37	86		0.5- 1.
		15-23	6-16	1.40-1.55	2.00-20.00	0.07-0.12	7.4-8.4	-	LOW	.28			0.5- 1.
		23-27	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
77	NUNCHO	0- 2	20-35	1.15-1.25	0.60- 2.00	0.15-0.17	6.1-7.8	-	MODER	.37	5	5	1.0- 3.
		2-35	35-50	1.20-1.30	0.06- 0.20	0.15-0.20	6.6-8.4	-	HIGH	.43			0.0- 0.
		35-60	20-35	1.25-1.35	0.60- 2.00	0.17-0.20	7.9-8.4	0- 2	MODER	.37			0.0- 0.
		60-70	10-20	1.35-1.45	2.00- 6.00	0.07-0.12	7.9-8.4	0- 2	LOW	.20			0.0- 0.
79	SHINGLE	0- 8	28-35	1.15-1.25	0.60- 2.00	0.18-0.20	7.4-8.4	-	MODER	.37	1	6	1.0- 3.
		8-12	20-35	1.25-1.40	0.60- 2.00	0.16-0.20	7.9-9.0	-	MODER	.37	48		0.0- 0.
		12-16	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
80	SAMDAY	0- 2	40-50	1.05-1.15	0.06- 0.20	0.13-0.15	7.4-8.4	-	HIGH	.32	1	4	1.0- 2.
		2-16	40-50	1.10-1.20	0.06- 0.20	0.14-0.16	7.4-8.4	0- 4	HIGH	.37			0.5- 1.
		16-20	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
	HILIGHT	0- 3	40-55	1.05-1.15	0.06- 0.20	0.13-0.15	6.6-7.8	-	HIGH	.37	1	4	1.0- 2.
		3-16	40-55	1.15-1.30	0.06- 0.20	0.14-0.16	6.6-7.8	-	HIGH	.43			0.5- 1.
		16-20	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
82	POTTS VARIANT	0-10	12-20	1.25-1.35	2.00- 6.00	0.14-0.16	6.6-7.3	-	LOW	.28	5	3	1.0- 2.
		10-23	20-35	1.25-1.40	0.60- 2.00	0.15-0.19	6.6-7.8	-	MODER	.37	86		0.5- 1.
		23-31	20-35	1.15-1.25	0.60- 2.00	0.13-0.16	6.6-7.8	-	MODER	.32			0.5- 1.
		31-45	14-24	1.10-1.25	2.00- 6.00	0.06-0.10	8.5-9.0	-	LOW	.20			0.0- 0.
		45-60	5-12	1.05-1.25	6.00-20.00	0.03-0.05	6.6-7.8	-	LOW	.05			0.0- 0.
82C	POTTS VARIANT	0-10	12-20	1.25-1.35	2.00- 6.00	0.14-0.16	6.6-7.3	-	LOW	.28	5	3	1.0- 2.
		10-23	20-35	1.25-1.40	0.60- 2.00	0.15-0.19	6.6-7.8	-	MODER	.37	86		0.5- 1.
		23-31	20-35	1.15-1.25	0.60- 2.00	0.13-0.16	6.6-7.8	-	MODER	.32			0.5- 1.

U.S. Department of Agriculture
Soil Conservation Service

PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS

Survey Area- CAMPBELL COUNTY, WYOMING, NORTHERN PART

Map Symbol	Soil Name	Depth (In)	Clay (pct)	Moist Blk Density (g/cm3)	Permeability (In/hr)	Available water cap (In/in)	Soil React (ph)	Salinity (mmhos/cm)	Shrink Swell Pot.	Erosion Factor K	Erosion Factor T	Wind Erod. Group	Organic Matter (pct)
		31-45	14-24	1.10-1.25	2.00- 6.00	0.06-0.10	8.5-9.0	-	LOW	.20			0.0- 0.
		45-60	5-12	1.05-1.25	6.00-20.00	0.03-0.05	6.6-7.8	-	LOW	.05			0.0- 0.
85	ULM	0- 9	28-35	1.15-1.25	0.20- 0.60	0.18-0.20	6.6-7.3	-	MODER	.37	5	6	1.0- 3.
		9-18	35-50	1.20-1.35	0.06- 0.20	0.16-0.20	6.6-7.8	-	HIGH	.37			0.5- 1.
		18-22	35-50	1.20-1.30	0.06- 0.20	0.16-0.20	6.6-7.8	-	HIGH	.43			0.5- 1.
		22-60	23-35	1.25-1.35	0.60- 2.00	0.17-0.19	7.9-9.0	0- 2	MODER	.37			0.0- 0.
		60-70	28-40	1.20-1.30	0.60- 2.00	0.18-0.20	7.9-9.0	0- 2	MODER	.43			0.0- 0.
85C	ULM	0- 9	28-35	1.15-1.25	0.20- 0.60	0.18-0.20	6.6-7.3	-	MODER	.37	5	6	1.0- 3.
		9-18	35-50	1.20-1.35	0.06- 0.20	0.16-0.20	6.6-7.8	-	HIGH	.37			0.5- 1.
		18-22	35-50	1.20-1.30	0.06- 0.20	0.16-0.20	6.6-7.8	-	HIGH	.43			0.5- 1.
		22-60	23-35	1.25-1.35	0.60- 2.00	0.17-0.19	7.9-9.0	0- 2	MODER	.37			0.0- 0.
		60-70	28-40	1.20-1.30	0.60- 2.00	0.18-0.20	7.9-9.0	0- 2	MODER	.43			0.0- 0.
151	SHINGLE	0- 8	28-35	1.15-1.25	0.60- 2.00	0.18-0.20	7.4-8.4	-	MODER	.37	1	6	1.0- 3.
		8-12	20-35	1.25-1.40	0.60- 2.00	0.16-0.20	7.9-9.0	-	MODER	.37	48		0.0- 0.
		12-16	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
	BAUX	0- 1	18-27	1.15-1.25	0.60- 2.00	0.09-0.13	6.6-7.8	-	LOW	.15	1	8	1.0- 3.
		1-11	18-27	1.15-1.25	0.60- 2.00	0.04-0.07	6.6-7.8	-	LOW	.10			1.0- 3.
		11-60	-	1.65-1.75	20.00-20.00	0.01-0.02	6.6-7.8	-	LOW	.02			0.0- 1.
158	CAMBRIA	0- 2	19-27	1.15-1.25	0.60- 2.00	0.16-0.18	6.6-7.8	-	MODER	.32	5	5	1.0- 3.
		2- 6	25-35	1.25-1.35	0.60- 2.00	0.17-0.20	6.6-7.8	-	MODER	.37	56		0.5- 1.
		6-40	20-30	1.25-1.35	0.60- 2.00	0.17-0.19	7.9-9.0	0- 2	MODER	.37			0.0- 0.
		40-60	16-25	1.20-1.40	0.60- 2.00	0.15-0.19	7.9-9.0	0- 2	LOW	.43			0.0- 0.
	KISHONA	0- 4	15-25	1.15-1.25	0.60- 2.00	0.14-0.17	7.4-8.4	0- 2	LOW	.28	5	5	1.0- 2.
		4-60	20-35	1.25-1.35	0.60- 2.00	0.16-0.19	7.9-9.0	0- 4	MODER	.37			0.0- 0.
	ZIGWEID	0- 2	20-27	1.15-1.25	0.60- 2.00	0.16-0.18	7.4-8.4	-	MODER	.32	5	4L	1.0- 2.
		2-13	20-35	1.25-1.35	0.60- 2.00	0.17-0.19	7.9-8.4	-	MODER	.37			0.5- 1.
		13-60	20-35	1.25-1.35	0.60- 2.00	0.17-0.19	7.9-8.4	-	MODER	.37			0.5- 1.
158C	CAMBRIA	0- 2	19-27	1.15-1.25	0.60- 2.00	0.16-0.18	6.6-7.8	-	MODER	.32	5	5	1.0- 3.
		2- 6	25-35	1.25-1.35	0.60- 2.00	0.17-0.20	6.6-7.8	-	MODER	.37	56		0.5- 1.
		6-40	20-30	1.25-1.35	0.60- 2.00	0.17-0.19	7.9-9.0	0- 2	MODER	.37			0.0- 0.
		40-60	16-25	1.20-1.40	0.60- 2.00	0.15-0.19	7.9-9.0	0- 2	LOW	.43			0.0- 0.
	KISHONA	0- 4	15-25	1.15-1.25	0.60- 2.00	0.14-0.17	7.4-8.4	0- 2	LOW	.28	5	5	1.0- 2.
		4-60	20-35	1.25-1.35	0.60- 2.00	0.16-0.19	7.9-9.0	0- 4	MODER	.37			0.0- 0.
	ZIGWEID	0- 2	20-27	1.15-1.25	0.60- 2.00	0.16-0.18	7.4-8.4	-	MODER	.32	5	4L	1.0- 2.
		2-13	20-35	1.25-1.35	0.60- 2.00	0.17-0.19	7.9-8.4	-	MODER	.37			0.5- 1.
		13-60	20-35	1.25-1.35	0.60- 2.00	0.17-0.19	7.9-8.4	-	MODER	.37			0.5- 1.
177	THEEDLE	0- 6	18-27	1.15-1.25	0.60- 2.00	0.16-0.18	6.6-8.4	-	LOW	.32	2	4L	1.0- 2.
		6-32	20-35	1.25-1.35	0.60- 2.00	0.16-0.20	7.4-9.0	0- 4	MODER	.37	86		0.0- 0.
		32-36	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
	KISHONA	0- 4	15-25	1.15-1.25	0.60- 2.00	0.14-0.17	7.4-8.4	0- 2	LOW	.28	5	5	1.0- 2.
		4-60	20-35	1.25-1.35	0.60- 2.00	0.16-0.19	7.9-9.0	0- 4	MODER	.37			0.0- 0.
177D	THEEDLE	0- 6	18-27	1.15-1.25	0.60- 2.00	0.16-0.18	6.6-8.4	-	LOW	.32	2	4L	1.0- 2.
		6-32	20-35	1.25-1.35	0.60- 2.00	0.16-0.20	7.4-9.0	0- 4	MODER	.37	86		0.0- 0.
		32-36	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
	KISHONA	0- 4	15-25	1.15-1.25	0.60- 2.00	0.14-0.17	7.4-8.4	0- 2	LOW	.28	5	5	1.0- 2.
		4-60	20-35	1.25-1.35	0.60- 2.00	0.16-0.19	7.9-9.0	0- 4	MODER	.37			0.0- 0.

PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS

Survey Area- CAMPBELL COUNTY, WYOMING, NORTHERN PART

Map Symbol	Soil Name	Depth (In)	Clay (pct)	Moist Blk Density (g/cm3)	Permeability (In/hr)	Available water cap (In/in)	Soil React (ph)	Salinity (mmhos/cm)	Shrink Swell Pot.	Erosion Factor K	Erosion Factor T	Wind Erod. Group	Organ Matte (pct)
179	ULM	0- 9	28-35	1.15-1.25	0.20- 0.60	0.18-0.20	6.6-7.3	-	MODER	.37	5	6	1.0- 3
		9-18	35-50	1.20-1.35	0.06- 0.20	0.16-0.20	6.6-7.8	-	HIGH	.37			0.5- 1
		18-22	35-50	1.20-1.30	0.06- 0.20	0.16-0.20	6.6-7.8	-	HIGH	.43			0.5- 1
		22-60	23-35	1.25-1.35	0.60- 2.00	0.17-0.19	7.9-9.0	0- 2	MODER	.37			0.0- 0
		60-70	28-40	1.20-1.30	0.60- 2.00	0.18-0.20	7.9-9.0	0- 2	MODER	.43			0.0- 0
	RENOHILL	0- 7	28-35	1.15-1.25	0.20- 0.60	0.18-0.20	6.6-7.8	-	MODER	.32	2	6	1.0- 2
		7-14	35-50	1.20-1.35	0.06- 0.20	0.14-0.18	7.4-8.4	0- 2	HIGH	.37			0.5- 2
		14-20	35-50	1.20-1.35	0.06- 0.20	0.14-0.18	7.4-8.4	2- 4	HIGH	.37			0.0- 0
		20-30	30-40	1.30-1.40	0.06- 0.60	0.16-0.19	7.9-9.0	2- 4	MODER	.37			0.0- 0
		30-34	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0
179D	ULM	0- 9	28-35	1.15-1.25	0.20- 0.60	0.18-0.20	6.6-7.3	-	MODER	.37	5	6	1.0- 3
		9-18	35-50	1.20-1.35	0.06- 0.20	0.16-0.20	6.6-7.8	-	HIGH	.37			0.5- 1
		18-22	35-50	1.20-1.30	0.06- 0.20	0.16-0.20	6.6-7.8	-	HIGH	.43			0.5- 1
		22-60	23-35	1.25-1.35	0.60- 2.00	0.17-0.19	7.9-9.0	0- 2	MODER	.37			0.0- 0
		60-70	28-40	1.20-1.30	0.60- 2.00	0.18-0.20	7.9-9.0	0- 2	MODER	.43			0.0- 0
	RENOHILL	0- 7	28-35	1.15-1.25	0.20- 0.60	0.18-0.20	6.6-7.8	-	MODER	.32	2	6	1.0- 2
		7-14	35-50	1.20-1.35	0.06- 0.20	0.14-0.18	7.4-8.4	0- 2	HIGH	.37			0.5- 2
		14-20	35-50	1.20-1.35	0.06- 0.20	0.14-0.18	7.4-8.4	2- 4	HIGH	.37			0.0- 0
		20-30	30-40	1.30-1.40	0.06- 0.60	0.16-0.19	7.9-9.0	2- 4	MODER	.37			0.0- 0
		30-34	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0
212	CUSHMAN	0- 2	15-25	1.25-1.35	0.60- 2.00	0.16-0.18	6.6-7.8	-	LOW	.32	2	5	1.0- 3
		2-19	20-35	1.25-1.40	0.60- 2.00	0.17-0.19	7.4-8.4	-	MODER	.37			0.5- 1
		19-30	20-33	1.25-1.40	0.60- 2.00	0.17-0.19	7.9-9.0	0- 2	MODER	.37			0.5- 1
		30-34	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0
	CAMBRIA	0- 2	19-27	1.15-1.25	0.60- 2.00	0.16-0.18	6.6-7.8	-	MODER	.32	5	5	1.0- 3
		2- 6	25-35	1.25-1.35	0.60- 2.00	0.17-0.20	6.6-7.8	-	MODER	.37			0.5- 1
		6-40	20-30	1.25-1.35	0.60- 2.00	0.17-0.19	7.9-9.0	0- 2	MODER	.37			0.0- 0
		40-60	16-25	1.20-1.40	0.60- 2.00	0.15-0.19	7.9-9.0	0- 2	LOW	.43			0.0- 0
212D	CUSHMAN	0- 2	15-25	1.25-1.35	0.60- 2.00	0.16-0.18	6.6-7.8	-	LOW	.32	2	5	1.0- 3
		2-19	20-35	1.25-1.40	0.60- 2.00	0.17-0.19	7.4-8.4	-	MODER	.37			0.5- 1
		19-30	20-33	1.25-1.40	0.60- 2.00	0.17-0.19	7.9-9.0	0- 2	MODER	.37			0.5- 1
		30-34	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0
	CAMBRIA	0- 2	19-27	1.15-1.25	0.60- 2.00	0.16-0.18	6.6-7.8	-	MODER	.32	5	5	1.0- 3
		2- 6	25-35	1.25-1.35	0.60- 2.00	0.17-0.20	6.6-7.8	-	MODER	.37			0.5- 1
		6-40	20-30	1.25-1.35	0.60- 2.00	0.17-0.19	7.9-9.0	0- 2	MODER	.37			0.0- 0
		40-60	16-25	1.20-1.40	0.60- 2.00	0.15-0.19	7.9-9.0	0- 2	LOW	.43			0.0- 0
319	MAYSDORF	0- 3	12-20	1.25-1.35	2.00- 6.00	0.11-0.14	6.6-7.3	-	LOW	.24	5	3	1.0- 3
		3- 7	15-20	1.30-1.40	2.00- 6.00	0.14-0.16	7.4-7.8	-	LOW	.37			0.5- 2
		7-33	20-35	1.30-1.40	0.60- 2.00	0.14-0.16	6.6-7.8	-	MODER	.37			0.0- 0
		33-40	14-24	1.30-1.45	0.60- 2.00	0.11-0.15	7.9-8.4	-	LOW	.32			0.0- 0
		40-60	8-18	1.35-1.50	2.00- 6.00	0.09-0.13	7.9-8.4	-	LOW	.28			0.0- 0
	FUGSLEY	0- 4	8-16	1.25-1.35	2.00- 6.00	0.11-0.13	6.6-7.8	-	LOW	.24	2	3	1.0- 2
		4-15	20-30	1.25-1.40	0.60- 2.00	0.14-0.16	6.6-7.8	-	MODER	.37			0.5- 1
		15-23	6-16	1.40-1.55	2.00-20.00	0.07-0.12	7.4-8.4	-	LOW	.28			0.5- 1
		23-27	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0
319D	MAYSDORF	0- 3	12-20	1.25-1.35	2.00- 6.00	0.11-0.14	6.6-7.3	-	LOW	.24	5	3	1.0- 3

PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS

Survey Area- CAMPBELL COUNTY, WYOMING, NORTHERN PART

Map Symbol	Soil Name	Depth (In)	Clay (pct)	Moist Blk Density (g/cm3)	Permeability (In/hr)	Available water cap (In/in)	Soil React (ph)	Salinity (mmhos/cm)	Shrink Swell Pot.	Erosion Factor K	Erosion Factor T	Wind Erod. Group	Organ Matter (pct)
		3- 7	15-20	1.30-1.40	2.00- 6.00	0.14-0.16	7.4-7.8	-	LOW	.37			0.5- 2.
		7-33	20-35	1.30-1.40	0.60- 2.00	0.14-0.16	6.6-7.8	-	MODER	.37			0.0- 0.
		33-40	14-24	1.30-1.45	0.60- 2.00	0.11-0.15	7.9-8.4	-	LOW	.32			0.0- 0.
		40-60	8-18	1.35-1.50	2.00- 6.00	0.09-0.13	7.9-8.4	-	LOW	.28			0.0- 0.
	PUGSLEY	0- 4	8-16	1.25-1.35	2.00- 6.00	0.11-0.13	6.6-7.8	-	LOW	.24	2	3	1.0- 2.
		4-15	20-30	1.25-1.40	0.60- 2.00	0.14-0.16	6.6-7.8	-	MODER	.37			0.5- 1.
		15-23	6-16	1.40-1.55	2.00-20.00	0.07-0.12	7.4-8.4	-	LOW	.28			0.5- 1.
		23-27	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
(321)	CUSHMAN	0- 2	15-25	1.25-1.35	0.60- 2.00	0.16-0.18	6.6-7.8	-	LOW	.32	2	5	1.0- 3.
		2-19	20-35	1.25-1.40	0.60- 2.00	0.17-0.19	7.4-8.4	-	MODER	.37			0.5- 1.
		19-30	20-33	1.25-1.40	0.60- 2.00	0.17-0.19	7.9-9.0	0- 2	MODER	.37			0.5- 1.
		30-34	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
	RENOHILL	0- 7	28-35	1.15-1.25	0.20- 0.60	0.18-0.20	6.6-7.8	-	MODER	.32	2	6	1.0- 2.
		7-14	35-50	1.20-1.35	0.06- 0.20	0.14-0.18	7.4-8.4	0- 2	HIGH	.37			0.5- 2.
		14-20	35-50	1.20-1.35	0.06- 0.20	0.14-0.18	7.4-8.4	2- 4	HIGH	.37			0.0- 0.
		20-30	30-40	1.30-1.40	0.06- 0.60	0.16-0.19	7.9-9.0	2- 4	MODER	.37			0.0- 0.
		30-34	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
327	WIBAUX	0- 4	15-25	1.15-1.25	0.60- 2.00	0.09-0.11	6.6-7.8	-	LOW	.15	1	8	1.0- 3.
		4- 8	15-25	1.25-1.40	0.60- 2.00	0.04-0.06	6.6-7.8	-	LOW	.15			0.5- 1.
		8-12	15-25	1.25-1.40	0.60- 2.00	0.03-0.05	6.6-7.8	-	LOW	.02			0.5- 1.
		12-60	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
	SHINGLE	0- 8	18-27	1.15-1.25	0.60- 2.00	0.16-0.18	7.4-8.4	-	LOW	.32	1	5	1.0- 3.
		8-12	20-35	1.25-1.40	0.60- 2.00	0.16-0.20	7.9-9.0	-	MODER	.37			0.0- 0.
		12-16	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
331	FORKWOOD	0- 2	15-25	1.25-1.35	0.60- 2.00	0.16-0.18	6.6-7.8	-	LOW	.32	5	5	1.0- 3.
		2-16	23-35	1.25-1.40	0.60- 2.00	0.17-0.20	6.6-7.8	-	MODER	.37			0.5- 2.
		16-23	23-34	1.25-1.40	0.60- 2.00	0.17-0.20	7.4-8.4	-	MODER	.37			0.5- 1.
		23-60	20-30	1.25-1.40	0.60- 2.00	0.17-0.20	7.9-9.0	0- 2	MODER	.37			0.0- 0.
	ULM	0- 9	18-27	1.20-1.30	0.60- 2.00	0.16-0.18	6.6-7.3	-	LOW	.32	5	5	1.0- 3.
		9-18	35-50	1.20-1.35	0.06- 0.20	0.16-0.20	6.6-7.8	-	HIGH	.37			0.5- 1.
		18-22	35-50	1.20-1.30	0.06- 0.20	0.16-0.20	6.6-7.8	-	HIGH	.43			0.5- 1.
		22-60	23-35	1.25-1.35	0.60- 2.00	0.17-0.19	7.9-9.0	0- 2	MODER	.37			0.0- 0.
		60-70	28-40	1.20-1.30	0.60- 2.00	0.18-0.20	7.9-9.0	0- 2	MODER	.43			0.0- 0.
(333)	RENOHILL	0- 7	28-35	1.15-1.25	0.20- 0.60	0.18-0.20	6.6-7.8	-	MODER	.32	2	6	1.0- 2.
		7-14	35-50	1.20-1.35	0.06- 0.20	0.14-0.18	7.4-8.4	0- 2	HIGH	.37			0.5- 2.
		14-20	35-50	1.20-1.35	0.06- 0.20	0.14-0.18	7.4-8.4	2- 4	HIGH	.37			0.0- 0.
		20-30	30-40	1.30-1.40	0.06- 0.60	0.16-0.19	7.9-9.0	2- 4	MODER	.37			0.0- 0.
		30-34	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
	SAVAGETON	0- 5	35-40	1.15-1.25	0.20- 0.60	0.18-0.20	7.4-8.4	-	MODER	.32	2	4L	1.0- 2.
		5-15	35-50	1.20-1.35	0.06- 0.20	0.15-0.19	7.9-8.4	-	HIGH	.37			0.5- 1.
		15-28	35-50	1.20-1.35	0.06- 0.20	0.15-0.19	7.9-9.0	0- 2	HIGH	.37			0.5- 1.
		28-32	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
(333D)	RENOHILL	0- 7	28-35	1.15-1.25	0.20- 0.60	0.18-0.20	6.6-7.8	-	MODER	.32	2	6	1.0- 2.
		7-14	35-50	1.20-1.35	0.06- 0.20	0.14-0.18	7.4-8.4	0- 2	HIGH	.37			0.5- 2.
		14-20	35-50	1.20-1.35	0.06- 0.20	0.14-0.18	7.4-8.4	2- 4	HIGH	.37			0.0- 0.
		20-30	30-40	1.30-1.40	0.06- 0.60	0.16-0.19	7.9-9.0	2- 4	MODER	.37			0.0- 0.

U.S. Department of Agriculture
Soil Conservation Service

PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS

Survey Area- CAMPBELL COUNTY, WYOMING, NORTHERN PART

Map Symbol	Soil Name	Depth (In)	Clay (pct)	Moist Blk Density (g/cm3)	Permeability (In/hr)	Available water cap (In/in)	Soil React (ph)	Salinity (mmhos/cm)	Shrink Swell Pot.	Erosion Factor K	Erosion Factor T	Wind Erod. Group	Organ Matter (pct)
		30-34	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0
	SAVAGETON	0- 5	35-40	1.15-1.25	0.20- 0.60	0.18-0.20	7.4-8.4	-	MODER	.32	2	4L	1.0- 2
		5-15	35-50	1.20-1.35	0.06- 0.20	0.15-0.19	7.9-8.4	-	HIGH	.37			0.5- 1
		15-28	35-50	1.20-1.35	0.06- 0.20	0.15-0.19	7.9-9.0	0- 2	HIGH	.37			0.5- 1
		28-32	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0
336	FORKWOOD	0- 2	15-25	1.25-1.35	0.60- 2.00	0.16-0.18	6.6-7.8	-	LOW	.32	5	5	1.0- 3
		2-16	23-35	1.25-1.40	0.60- 2.00	0.17-0.20	6.6-7.8	-	MODER	.37	5	6	0.5- 2
		16-23	23-34	1.25-1.40	0.60- 2.00	0.17-0.20	7.4-8.4	-	MODER	.37			0.5- 1
		23-60	20-30	1.25-1.40	0.60- 2.00	0.17-0.20	7.9-9.0	0- 2	MODER	.37			0.0- 0
	CUSHMAN	0- 2	15-25	1.25-1.35	0.60- 2.00	0.16-0.18	6.6-7.8	-	LOW	.32	2	5	1.0- 3
		2-19	20-35	1.25-1.40	0.60- 2.00	0.17-0.19	7.4-8.4	-	MODER	.37			0.5- 1
		19-30	20-33	1.25-1.40	0.60- 2.00	0.17-0.19	7.9-9.0	0- 2	MODER	.37			0.5- 1
		30-34	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0
336D	FORKWOOD	0- 2	15-25	1.25-1.35	0.60- 2.00	0.16-0.18	6.6-7.8	-	LOW	.32	5	5	1.0- 3
		2-16	23-35	1.25-1.40	0.60- 2.00	0.17-0.20	6.6-7.8	-	MODER	.37	5	6	0.5- 2
		16-23	23-34	1.25-1.40	0.60- 2.00	0.17-0.20	7.4-8.4	-	MODER	.37			0.5- 1
		23-60	20-30	1.25-1.40	0.60- 2.00	0.17-0.20	7.9-9.0	0- 2	MODER	.37			0.0- 0
	CUSHMAN	0- 2	15-25	1.25-1.35	0.60- 2.00	0.16-0.18	6.6-7.8	-	LOW	.32	2	5	1.0- 3
		2-19	20-35	1.25-1.40	0.60- 2.00	0.17-0.19	7.4-8.4	-	MODER	.37			0.5- 1
		19-30	20-33	1.25-1.40	0.60- 2.00	0.17-0.19	7.9-9.0	0- 2	MODER	.37			0.5- 1
		30-34	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0
337	FORKWOOD	0- 2	15-25	1.25-1.35	0.60- 2.00	0.16-0.18	6.6-7.8	-	LOW	.32	5	5	1.0- 3
		2-16	23-35	1.25-1.40	0.60- 2.00	0.17-0.20	6.6-7.8	-	MODER	.37	5	6	0.5- 2
		16-23	23-34	1.25-1.40	0.60- 2.00	0.17-0.20	7.4-8.4	-	MODER	.37			0.5- 1
		23-60	20-30	1.25-1.40	0.60- 2.00	0.17-0.20	7.9-9.0	0- 2	MODER	.37			0.0- 0
	CAMBRIA	0- 2	19-27	1.15-1.25	0.60- 2.00	0.16-0.18	6.6-7.8	-	MODER	.32	5	5	1.0- 3
		2- 6	25-35	1.25-1.35	0.60- 2.00	0.17-0.20	6.6-7.8	-	MODER	.37			0.5- 1
		6-40	20-30	1.25-1.35	0.60- 2.00	0.17-0.19	7.9-9.0	0- 2	MODER	.37			0.0- 0
		40-60	16-25	1.20-1.40	0.60- 2.00	0.15-0.19	7.9-9.0	0- 2	LOW	.43			0.0- 0
337C	FORKWOOD	0- 2	15-25	1.25-1.35	0.60- 2.00	0.16-0.18	6.6-7.8	-	LOW	.32	5	5	1.0- 3
		2-16	23-35	1.25-1.40	0.60- 2.00	0.17-0.20	6.6-7.8	-	MODER	.37	5	6	0.5- 2
		16-23	23-34	1.25-1.40	0.60- 2.00	0.17-0.20	7.4-8.4	-	MODER	.37			0.5- 1
		23-60	20-30	1.25-1.40	0.60- 2.00	0.17-0.20	7.9-9.0	0- 2	MODER	.37			0.0- 0
	CAMBRIA	0- 2	15-25	1.25-1.35	0.60- 2.00	0.16-0.18	6.6-7.8	-	LOW	.32	2	5	1.0- 3
		2-19	20-35	1.25-1.40	0.60- 2.00	0.17-0.19	7.4-8.4	-	MODER	.37			0.5- 1
		19-30	20-33	1.25-1.40	0.60- 2.00	0.17-0.19	7.9-9.0	0- 2	MODER	.37			0.5- 1
		30-34	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0
338	PARMLEED	0- 2	12-20	1.25-1.35	2.00- 6.00	0.14-0.16	6.6-7.8	-	LOW	.28	2	8	1.0- 3
		2-18	35-50	1.20-1.30	0.06- 0.20	0.16-0.19	6.6-7.8	-	HIGH	.37	3	6	0.5- 1
		18-30	35-50	1.20-1.30	0.06- 0.20	0.15-0.17	7.9-9.0	-	HIGH	.43			0.0- 0
		30-39	20-40	1.30-1.40	0.60- 2.00	0.17-0.19	7.9-9.0	-	MODER	.37			0.0- 0
		39-43	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0
	PUGSLEY	0- 4	8-16	1.25-1.35	2.00- 6.00	0.11-0.13	6.6-7.8	-	LOW	.24	2	3	1.0- 2
		4-15	20-30	1.25-1.40	0.60- 2.00	0.14-0.16	6.6-7.8	-	MODER	.37			0.5- 1
		15-23	6-16	1.40-1.55	2.00-20.00	0.07-0.12	7.4-8.4	-	LOW	.28			0.5- 1
		23-27	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0

U.S. Department of Agriculture
Soil Conservation Service

PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS

Survey Area- CAMPBELL COUNTY, WYOMING, NORTHERN PART

Map Symbol	Soil Name	Depth (In)	Clay (pct)	Moist Blk Density (g/cm3)	Permeability (In/hr)	Available water cap (In/in)	Soil React (ph)	Salinity (mmhos/cm)	Shrink Swell Pot.	Erosion Factor K	Erosion Factor T	Wind Erod. Group	Organ Matte (pct)
340	ABSTED	0- 2	6-18	1.25-1.35	2.00- 6.00	0.14-0.16	6.6-7.8	-	LOW	.28	5	3	1.0- 2
		2-23	35-40	1.25-1.35	0.20- 0.60	0.16-0.18	7.4-8.4	0- 2	MODER	.37			1.0- 2
		23-60	35-50	1.20-1.35	0.06- 0.20	0.08-0.10	8.4-9.6	8- 16	HIGH	.43			0.5- 1.
		50-60	35-45	1.20-1.35	0.06- 0.20	0.08-0.10	7.8-9.6	8- 16	HIGH	.43			0.0- 0
342	CUSHMAN	0- 2	15-25	1.25-1.35	0.60- 2.00	0.16-0.18	6.6-7.8	-	LOW	.32	2	5	1.0- 3.
		2-19	20-35	1.25-1.40	0.60- 2.00	0.17-0.19	7.4-8.4	-	MODER	.37			0.5- 1
		19-30	20-33	1.25-1.40	0.60- 2.00	0.17-0.19	7.9-9.0	0- 2	MODER	.37			0.5- 1.
		30-34	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
	PUGSLEY	0- 4	8-16	1.25-1.35	2.00- 6.00	0.11-0.13	6.6-7.8	-	LOW	.24	2	3	1.0- 2.
		4-15	20-30	1.25-1.40	0.60- 2.00	0.14-0.16	6.6-7.8	-	MODER	.37			0.5- 1.
		15-23	6-16	1.40-1.55	2.00-20.00	0.07-0.12	7.4-8.4	-	LOW	.28			0.5- 1.
		23-27	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
343	PARMLEED	0- 2	12-20	1.25-1.35	2.00- 6.00	0.14-0.16	6.6-7.8	-	LOW	.28	2	3	1.0- 3.
		2-18	35-50	1.20-1.30	0.06- 0.20	0.16-0.19	6.6-7.8	-	HIGH	.37			0.5- 1.
		18-30	35-50	1.20-1.30	0.06- 0.20	0.15-0.17	7.9-9.0	-	HIGH	.43			0.0- 0.
		30-39	20-40	1.30-1.40	0.60- 2.00	0.17-0.19	7.9-9.0	-	MODER	.37			0.0- 0.
		39-43	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
	CUSHMAN	0- 2	15-25	1.25-1.35	0.60- 2.00	0.16-0.18	6.6-7.8	-	LOW	.32	2	5	1.0- 3.
		2-19	20-35	1.25-1.40	0.60- 2.00	0.17-0.19	7.4-8.4	-	MODER	.37			0.5- 1.
		19-30	20-33	1.25-1.40	0.60- 2.00	0.17-0.19	7.9-9.0	0- 2	MODER	.37			0.5- 1.
		30-34	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
343D	PARMLEED	0- 2	12-20	1.25-1.35	2.00- 6.00	0.14-0.16	6.6-7.8	-	LOW	.28	2	3	1.0- 3.
		2-18	35-50	1.20-1.30	0.06- 0.20	0.16-0.19	6.6-7.8	-	HIGH	.37			0.5- 1.
		18-30	35-50	1.20-1.30	0.06- 0.20	0.15-0.17	7.9-9.0	-	HIGH	.43			0.0- 0.
		30-39	20-40	1.30-1.40	0.60- 2.00	0.17-0.19	7.9-9.0	-	MODER	.37			0.0- 0.
		39-43	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
	CUSHMAN	0- 2	15-25	1.25-1.35	0.60- 2.00	0.16-0.18	6.6-7.8	-	LOW	.32	2	5	1.0- 3.
		2-19	20-35	1.25-1.40	0.60- 2.00	0.17-0.19	7.4-8.4	-	MODER	.37			0.5- 1.
		19-30	20-33	1.25-1.40	0.60- 2.00	0.17-0.19	7.9-9.0	0- 2	MODER	.37			0.5- 1.
		30-34	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
344	PARMLEED	0- 2	12-20	1.25-1.35	2.00- 6.00	0.14-0.16	6.6-7.8	-	LOW	.28	2	3	1.0- 3.
		2-18	35-50	1.20-1.30	0.06- 0.20	0.16-0.19	6.6-7.8	-	HIGH	.37			0.5- 1.
		18-30	35-50	1.20-1.30	0.06- 0.20	0.15-0.17	7.9-9.0	-	HIGH	.43			0.0- 0.
		30-39	20-40	1.30-1.40	0.60- 2.00	0.17-0.19	7.9-9.0	-	MODER	.37			0.0- 0.
		39-43	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
	RENOHILL	0- 7	28-35	1.15-1.25	0.20- 0.60	0.18-0.20	6.6-7.8	-	MODER	.32	2	6	1.0- 2.
		7-14	35-50	1.20-1.35	0.06- 0.20	0.14-0.18	7.4-8.4	0- 2	HIGH	.37			0.5- 2.
		14-20	35-50	1.20-1.35	0.06- 0.20	0.14-0.18	7.4-8.4	2- 4	HIGH	.37			0.0- 0.
		20-30	30-40	1.30-1.40	0.06- 0.60	0.16-0.19	7.9-9.0	2- 4	MODER	.37			0.0- 0.
		30-34	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
344D	PARMLEED	0- 2	12-20	1.25-1.35	2.00- 6.00	0.14-0.16	6.6-7.8	-	LOW	.28	2	3	1.0- 3.
		2-18	35-50	1.20-1.30	0.06- 0.20	0.16-0.19	6.6-7.8	-	HIGH	.37			0.5- 1.
		18-30	35-50	1.20-1.30	0.06- 0.20	0.15-0.17	7.9-9.0	-	HIGH	.43			0.0- 0.
		30-39	20-40	1.30-1.40	0.60- 2.00	0.17-0.19	7.9-9.0	-	MODER	.37			0.0- 0.
		39-43	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
	RENOHILL	0- 7	28-35	1.15-1.25	0.20- 0.60	0.18-0.20	6.6-7.8	-	MODER	.32	2	6	1.0- 2.

PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS

Survey Area- CAMPBELL COUNTY, WYOMING, NORTHERN PART

Map Symbol	Soil Name	Depth (In)	Clay (pct)	Moist Blk Density (g/cm3)	Permeability (In/hr)	Available water cap (In/in)	Soil React (ph)	Salinity (mmhos/cm)	Shrink Swell Pot.	Erosion Factor K	Erosion Factor T	Wind Erod. Group	Organic Matter (pct)
		7-14	35-50	1.20-1.35	0.06- 0.20	0.14-0.18	7.4-8.4	0- 2	HIGH	.37			0.5- 2.0
		14-20	35-50	1.20-1.35	0.06- 0.20	0.14-0.18	7.4-8.4	2- 4	HIGH	.37			0.0- 0.0
		20-30	30-40	1.30-1.40	0.06- 0.60	0.16-0.19	7.9-9.0	2- 4	MODER	.37			0.0- 0.0
		30-34	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0
345	CUSHMAN	0- 2	15-25	1.25-1.35	0.60- 2.00	0.16-0.18	6.6-7.8	-	LOW	.32	2	5	1.0- 3.0
		2-19	20-35	1.25-1.40	0.60- 2.00	0.17-0.19	7.4-8.4	-	MODER	.37			0.5- 1.0
		19-30	20-33	1.25-1.40	0.60- 2.00	0.17-0.19	7.9-9.0	0- 2	MODER	.37			0.5- 1.0
		30-34	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0
	THEEDLE	0- 6	18-27	1.15-1.25	0.60- 2.00	0.16-0.18	6.6-8.4	-	LOW	.32	2	4L	1.0- 2.0
		6-32	20-35	1.25-1.35	0.60- 2.00	0.16-0.20	7.4-9.0	0- 4	MODER	.37			0.0- 0.0
		32-36	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0
345D	CUSHMAN	0- 2	15-25	1.25-1.35	0.60- 2.00	0.16-0.18	6.6-7.8	-	LOW	.32	2	5	1.0- 3.0
		2-19	20-35	1.25-1.40	0.60- 2.00	0.17-0.19	7.4-8.4	-	MODER	.37			0.5- 1.0
		19-30	20-33	1.25-1.40	0.60- 2.00	0.17-0.19	7.9-9.0	0- 2	MODER	.37			0.5- 1.0
		30-34	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0
	THEEDLE	0- 6	18-27	1.15-1.25	0.60- 2.00	0.16-0.18	6.6-8.4	-	LOW	.32	2	4L	1.0- 2.0
		6-32	20-35	1.25-1.35	0.60- 2.00	0.16-0.20	7.4-9.0	0- 4	MODER	.37			0.0- 0.0
		32-36	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0
347	THEEDLE	0- 6	18-27	1.15-1.25	0.60- 2.00	0.16-0.18	6.6-8.4	-	LOW	.32	2	4L	1.0- 2.0
		6-32	20-35	1.25-1.35	0.60- 2.00	0.16-0.20	7.4-9.0	0- 4	MODER	.37			0.0- 0.0
		32-36	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0
	SHINGLE	0- 8	18-27	1.15-1.25	0.60- 2.00	0.16-0.18	7.4-8.4	-	LOW	.32	1	5	1.0- 3.0
		8-12	20-35	1.25-1.40	0.60- 2.00	0.16-0.20	7.9-9.0	-	MODER	.37			0.0- 0.0
		12-16	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0
348	THEEDLE	0- 6	18-27	1.15-1.25	0.60- 2.00	0.16-0.18	6.6-8.4	-	LOW	.32	2	4L	1.0- 2.0
		6-32	20-35	1.25-1.35	0.60- 2.00	0.16-0.20	7.4-9.0	0- 4	MODER	.37			0.0- 0.0
		32-36	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0
	KISHONA	0- 4	15-25	1.15-1.25	0.60- 2.00	0.14-0.17	7.4-8.4	0- 2	LOW	.28	5	5	1.0- 2.0
		4-60	20-35	1.25-1.35	0.60- 2.00	0.16-0.19	7.9-9.0	0- 4	MODER	.37			0.0- 0.0
	SHINGLE	0- 8	18-27	1.15-1.25	0.60- 2.00	0.16-0.18	7.4-8.4	-	LOW	.32	1	5	1.0- 3.0
		8-12	20-35	1.25-1.40	0.60- 2.00	0.16-0.20	7.9-9.0	-	MODER	.37			0.0- 0.0
		12-16	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0
354	BIDMAN	0-12	12-20	1.35-1.45	0.60- 6.00	0.14-0.16	6.1-7.3	-	LOW	.28	5	3	1.0- 3.0
		12-27	35-50	1.20-1.30	0.06- 0.20	0.15-0.19	6.6-7.8	-	HIGH	.37			0.5- 1.0
		27-36	35-50	1.20-1.30	0.06- 0.20	0.15-0.19	7.4-8.4	0- 2	HIGH	.37			0.5- 1.0
		36-60	25-35	1.25-1.40	0.20- 0.60	0.16-0.19	7.9-9.0	0- 2	MODER	.37			0.0- 0.0
		60-70	30-42	1.25-1.35	0.06- 0.60	0.15-0.18	7.9-9.0	0- 2	HIGH	.37			0.0- 0.0
	ULM	0- 9	18-27	1.20-1.30	0.60- 2.00	0.16-0.18	6.6-7.3	-	LOW	.32	5	5	1.0- 3.0
		9-18	35-50	1.20-1.35	0.06- 0.20	0.16-0.20	6.6-7.8	-	HIGH	.37			0.5- 1.0
		18-22	35-50	1.20-1.30	0.06- 0.20	0.16-0.20	6.6-7.8	-	HIGH	.43			0.5- 1.0
		22-60	23-35	1.25-1.35	0.60- 2.00	0.17-0.19	7.9-9.0	0- 2	MODER	.37			0.0- 0.0
		60-70	28-40	1.20-1.30	0.60- 2.00	0.18-0.20	7.9-9.0	0- 2	MODER	.43			0.0- 0.0
356	WIBAUX	0- 4	15-25	1.15-1.25	0.60- 2.00	0.09-0.11	6.6-7.8	-	LOW	.15	1	8	1.0- 3.0
		4- 8	15-25	1.25-1.40	0.60- 2.00	0.04-0.06	6.6-7.8	-	LOW	.15			0.5- 1.0
		8-12	15-25	1.25-1.40	0.60- 2.00	0.03-0.05	6.6-7.8	-	LOW	.02			0.5- 1.0
		12-60	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0

U.S. Department of Agriculture
Soil Conservation Service

PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS

Survey Area- CAMPBELL COUNTY, WYOMING, NORTHERN PART

Map Symbol	Soil Name	Depth (In)	Clay (pct)	Moist Blk Density (g/cm3)	Permeability (In/hr)	Available water cap (In/in)	Soil React (ph)	Salinity (mmhos/cm)	Shrink Swell Pot.	Erosion Factor K	Erosion Factor T	Wind Erod. Group	Organic Matter (pct)
	SEAR	0- 2	15-27	1.15-1.25	0.60- 2.00	0.16-0.18	6.6-7.8	-	LOW	.32	1	5	1.0- 2.
		2- 4	18-35	1.25-1.35	0.60- 2.00	0.15-0.20	6.6-8.4	-	LOW	.37			0.5- 1.
		4- 7	18-35	1.25-1.35	0.60- 2.00	0.10-0.13	7.4-8.4	-	LOW	.15			0.5- 1.
		7-60	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
357	PARMLEED	0- 2	12-20	1.25-1.35	2.00- 6.00	0.14-0.16	6.6-7.8	-	LOW	.28	2	3	1.0- 3.
		2-18	35-50	1.20-1.30	0.06- 0.20	0.16-0.19	6.6-7.8	-	HIGH	.37			0.5- 1.
		18-30	35-50	1.20-1.30	0.06- 0.20	0.15-0.17	7.9-9.0	-	HIGH	.43			0.0- 0.
		30-39	20-40	1.30-1.40	0.60- 2.00	0.17-0.19	7.9-9.0	-	MODER	.37			0.0- 0.
		39-43	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
	WIBAUX	0- 4	15-25	1.15-1.25	0.60- 2.00	0.09-0.11	6.6-7.8	-	LOW	.15	1	8	1.0- 3.
		4- 8	15-25	1.25-1.40	0.60- 2.00	0.04-0.06	6.6-7.8	-	LOW	.15			0.5- 1.
		8-12	15-25	1.25-1.40	0.60- 2.00	0.03-0.05	6.6-7.8	-	LOW	.02			0.5- 1.
		12-60	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
363	MAYSDORF	0- 3	12-20	1.25-1.35	2.00- 6.00	0.11-0.14	6.6-7.3	-	LOW	.24	5	3	1.0- 3.
		3- 7	15-20	1.30-1.40	2.00- 6.00	0.14-0.16	7.4-7.8	-	LOW	.37			0.5- 2.
		7-33	20-35	1.30-1.40	0.60- 2.00	0.14-0.16	6.6-7.8	-	MODER	.37			0.0- 0.
		33-40	14-24	1.30-1.45	0.60- 2.00	0.11-0.15	7.9-8.4	-	LOW	.32			0.0- 0.
		40-60	8-18	1.35-1.50	2.00- 6.00	0.09-0.13	7.9-8.4	-	LOW	.28			0.0- 0.
	RAUZI	0- 8	10-20	1.25-1.35	2.00- 6.00	0.13-0.15	6.6-7.8	-	LOW	.28	5	3	1.0- 3.
		8-24	20-35	1.25-1.35	0.60- 2.00	0.14-0.16	6.6-7.8	-	MODER	.32			0.5- 2.
		24-40	10-24	1.35-1.45	0.60- 6.00	0.11-0.13	7.4-8.4	-	LOW	.24			0.0- 0.
		40-60	10-24	1.35-1.45	0.60- 6.00	0.11-0.13	7.9-8.4	0- 2	LOW	.24			0.0- 0.
363C	MAYSDORF	0- 3	12-20	1.25-1.35	2.00- 6.00	0.11-0.14	6.6-7.3	-	LOW	.24	5	3	1.0- 3.
		3- 7	15-20	1.30-1.40	2.00- 6.00	0.14-0.16	7.4-7.8	-	LOW	.37			0.5- 2.
		7-33	20-35	1.30-1.40	0.60- 2.00	0.14-0.16	6.6-7.8	-	MODER	.37			0.0- 0.
		33-40	14-24	1.30-1.45	0.60- 2.00	0.11-0.15	7.9-8.4	-	LOW	.32			0.0- 0.
		40-60	8-18	1.35-1.50	2.00- 6.00	0.09-0.13	7.9-8.4	-	LOW	.28			0.0- 0.
	RAUZI	0- 8	10-20	1.25-1.35	2.00- 6.00	0.13-0.15	6.6-7.8	-	LOW	.28	5	3	1.0- 3.
		8-24	20-35	1.25-1.35	0.60- 2.00	0.14-0.16	6.6-7.8	-	MODER	.32			0.5- 2.
		24-40	10-24	1.35-1.45	0.60- 6.00	0.11-0.13	7.4-8.4	-	LOW	.24			0.0- 0.
		40-60	10-24	1.35-1.45	0.60- 6.00	0.11-0.13	7.9-8.4	0- 2	LOW	.24			0.0- 0.
365	BIDMAN	0-12	15-25	1.25-1.35	0.60- 2.00	0.16-0.18	6.1-7.3	-	MODER	.32	5	5	1.0- 3.
		12-27	35-50	1.20-1.30	0.06- 0.20	0.15-0.19	6.6-7.8	-	HIGH	.37			0.5- 1.
		27-36	35-50	1.20-1.30	0.06- 0.20	0.15-0.19	7.4-8.4	0- 2	HIGH	.37			0.5- 1.
		36-60	25-35	1.25-1.40	0.20- 0.60	0.16-0.19	7.9-9.0	0- 2	MODER	.37			0.0- 0.
		60-70	30-42	1.25-1.35	0.06- 0.60	0.15-0.18	7.9-9.0	0- 2	HIGH	.37			0.0- 0.
	PARMLEED	0- 2	12-20	1.25-1.35	2.00- 6.00	0.14-0.16	6.6-7.8	-	LOW	.28	2	3	1.0- 3.
		2-18	35-50	1.20-1.30	0.06- 0.20	0.16-0.19	6.6-7.8	-	HIGH	.37			0.5- 1.
		18-30	35-50	1.20-1.30	0.06- 0.20	0.15-0.17	7.9-9.0	-	HIGH	.43			0.0- 0.
		30-39	20-40	1.30-1.40	0.60- 2.00	0.17-0.19	7.9-9.0	-	MODER	.37			0.0- 0.
		39-43	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
365D	BIDMAN	0-12	15-25	1.25-1.35	0.60- 2.00	0.16-0.18	6.1-7.3	-	MODER	.32	5	5	1.0- 3.
		12-27	35-50	1.20-1.30	0.06- 0.20	0.15-0.19	6.6-7.8	-	HIGH	.37			0.5- 1.
		27-36	35-50	1.20-1.30	0.06- 0.20	0.15-0.19	7.4-8.4	0- 2	HIGH	.37			0.5- 1.
		36-60	25-35	1.25-1.40	0.20- 0.60	0.16-0.19	7.9-9.0	0- 2	MODER	.37			0.0- 0.
		60-70	30-42	1.25-1.35	0.06- 0.60	0.15-0.18	7.9-9.0	0- 2	HIGH	.37			0.0- 0.

PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS

Survey Area- CAMPBELL COUNTY, WYOMING, NORTHERN PART

Map Symbol	Soil Name	Depth (In)	Clay (pct)	Moist Blk Density (g/cm3)	Permeability (In/hr)	Available water cap (In/in)	Soil React (ph)	Salinity (mmhos/cm)	Shrink Swell Pot.	Erosion Factor K	Erosion Factor T	Wind Erod. Group	Organ Matter (pct)
	PARMLEED	0- 2	15-22	1.15-1.25	0.60- 2.00	0.16-0.18	6.6-7.8	-	LOW	.32	2	5	1.0- 3.
		2-18	35-50	1.20-1.30	0.06- 0.20	0.16-0.19	6.6-7.8	-	HIGH	.37			0.5- 1.
		18-30	35-50	1.20-1.30	0.06- 0.20	0.15-0.17	7.9-9.0	-	HIGH	.43			0.0- 0.
		30-39	20-40	1.30-1.40	0.60- 2.00	0.17-0.19	7.9-9.0	-	MODER	.37			0.0- 0.
		39-43	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
370	RENOHILL	0- 7	28-35	1.15-1.25	0.20- 0.60	0.18-0.20	6.6-7.8	-	MODER	.32	2	6	1.0- 2.
		7-14	35-50	1.20-1.35	0.06- 0.20	0.14-0.18	7.4-8.4	0- 2	HIGH	.37	48		0.5- 2.
		14-20	35-50	1.20-1.35	0.06- 0.20	0.14-0.18	7.4-8.4	2- 4	HIGH	.37			0.0- 0.
		20-30	30-40	1.30-1.40	0.06- 0.60	0.16-0.19	7.9-9.0	2- 4	MODER	.37			0.0- 0.
		30-34	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
	WORF	0- 2	15-25	1.25-1.35	0.60- 2.00	0.16-0.18	6.6-7.8	-	LOW	.32	1	5	1.0- 3.
		2- 7	25-35	1.25-1.40	0.60- 2.00	0.15-0.19	6.6-7.8	-	MODER	.37			0.5- 1.
		7-15	18-30	1.25-1.40	0.60- 2.00	0.14-0.18	7.9-9.0	0- 2	MODER	.37			0.0- 0.
		15-19	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
371	PARMLEED	0- 2	15-22	1.15-1.25	0.60- 2.00	0.16-0.18	6.6-7.8	-	LOW	.32	2	5	1.0- 3.
		2-18	35-50	1.20-1.30	0.06- 0.20	0.16-0.19	6.6-7.8	-	HIGH	.37	56		0.5- 1.
		18-30	35-50	1.20-1.30	0.06- 0.20	0.15-0.17	7.9-9.0	-	HIGH	.43			0.0- 0.
		30-39	20-40	1.30-1.40	0.60- 2.00	0.17-0.19	7.9-9.0	-	MODER	.37			0.0- 0.
		39-43	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
	WORF	0- 2	15-25	1.25-1.35	0.60- 2.00	0.16-0.18	6.6-7.8	-	LOW	.32	1	5	1.0- 3.
		2- 7	25-35	1.25-1.40	0.60- 2.00	0.15-0.19	6.6-7.8	-	MODER	.37			0.5- 1.
		7-15	18-30	1.25-1.40	0.60- 2.00	0.14-0.18	7.9-9.0	0- 2	MODER	.37			0.0- 0.
		15-19	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
374	PUGSLEY	0- 4	8-16	1.25-1.35	2.00- 6.00	0.11-0.13	6.6-7.8	-	LOW	.24	2	3	1.0- 2.
		4-15	20-30	1.25-1.40	0.60- 2.00	0.14-0.16	6.6-7.8	-	MODER	.37	86		0.5- 1.
		15-23	6-16	1.40-1.55	2.00-20.00	0.07-0.12	7.4-8.4	-	LOW	.28			0.5- 1.
		23-27	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
	DECOLNEY	0- 3	10-20	1.20-1.30	2.00- 6.00	0.12-0.14	6.6-7.8	-	LOW	.28	5	3	1.0- 3.
		3-14	20-34	1.25-1.35	0.60- 2.00	0.14-0.16	6.6-8.4	-	MODER	.32			0.5- 1.
		14-40	12-24	1.30-1.45	0.60- 6.00	0.12-0.15	7.4-8.4	-	LOW	.32			0.5- 1.
		40-60	12-24	1.35-1.45	0.60- 6.00	0.11-0.14	7.9-8.4	-	LOW	.32			0.0- 0.
374D	PUGSLEY	0- 4	8-16	1.25-1.35	2.00- 6.00	0.11-0.13	6.6-7.8	-	LOW	.24	2	3	1.0- 2.
		4-15	20-30	1.25-1.40	0.60- 2.00	0.14-0.16	6.6-7.8	-	MODER	.37	86		0.5- 1.
		15-23	6-16	1.40-1.55	2.00-20.00	0.07-0.12	7.4-8.4	-	LOW	.28			0.5- 1.
		23-27	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
	DECOLNEY	0- 3	10-20	1.20-1.30	2.00- 6.00	0.12-0.14	6.6-7.8	-	LOW	.28	5	3	1.0- 3.
		3-14	20-34	1.25-1.35	0.60- 2.00	0.14-0.16	6.6-8.4	-	MODER	.32			0.5- 1.
		14-40	12-24	1.30-1.45	0.60- 6.00	0.12-0.15	7.4-8.4	-	LOW	.32			0.5- 1.
		40-60	12-24	1.35-1.45	0.60- 6.00	0.11-0.14	7.9-8.4	-	LOW	.32			0.0- 0.
375	SAVAGETON	0- 5	35-40	1.15-1.25	0.20- 0.60	0.18-0.20	7.4-8.4	-	MODER	.32	2	4L	1.0- 2.
		5-15	35-50	1.20-1.35	0.06- 0.20	0.15-0.19	7.9-8.4	-	HIGH	.37	86		0.5- 1.
		15-28	35-50	1.20-1.35	0.06- 0.20	0.15-0.19	7.9-9.0	0- 2	HIGH	.37			0.5- 1.
		28-32	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
	BAHL	0- 5	35-40	1.15-1.25	0.20- 0.60	0.18-0.20	7.9-8.4	0- 4	MODER	.37	5	4L	1.0- 3.
		5-60	40-55	1.20-1.30	0.06- 0.20	0.14-0.16	7.9-9.0	0- 4	HIGH	.43			0.5- 1.
380	HILAND	0- 8	8-18	1.25-1.35	2.00- 6.00	0.10-0.12	6.6-7.3	-	LOW	.20	5	3	1.0- 2.
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U.S. Department of Agriculture
Soil Conservation Service

PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS

Survey Area- CAMPBELL COUNTY, WYOMING, NORTHERN PART

Map Symbol	Soil Name	Depth (In)	Clay (pct)	Moist Blk Density (g/cm3)	Permeability (In/hr)	Available water cap (In/in)	Soil React (ph)	Salinity (mmhos/cm)	Shrink Swell Pot.	Erosion Factor K	Erosion Factor T	Wind Erod. Group	Organ Matte (pct)
		8-20	20-35	1.25-1.35	0.60- 2.00	0.13-0.16	6.6-7.8	0- 2	MODER	.32			0.0- 0
		20-22	18-32	1.30-1.45	0.60- 6.00	0.11-0.14	7.9-8.4	0- 4	LOW	.28			0.0- 0
		22-60	8-18	1.35-1.45	2.00- 6.00	0.09-0.13	7.9-9.0	0- 4	LOW	.20			0.0- 0.
	BOWBAC	0- 3	12-20	1.35-1.45	2.00- 6.00	0.11-0.13	6.6-7.3	-	LOW	.24	2	3	1.0- 2.
		3-12	20-35	1.25-1.35	0.60- 2.00	0.14-0.16	6.6-7.8	-	MODER	.32			0.5- 1.
		12-20	20-30	1.25-1.35	0.60- 2.00	0.14-0.16	7.4-8.4	-	MODER	.32			0.0- 0.
		20-26	6-16	1.30-1.40	2.00- 6.00	0.11-0.14	7.9-8.4	-	LOW	.32			0.0- 0.
		26-30	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
380D	HILAND	0- 8	8-18	1.25-1.35	2.00- 6.00	0.10-0.12	6.6-7.3	-	LOW	.20	5	3	1.0- 2.
		8-20	20-35	1.25-1.35	0.60- 2.00	0.13-0.16	6.6-7.8	0- 2	MODER	.32	86		0.0- 0.
		20-22	18-32	1.30-1.45	0.60- 6.00	0.11-0.14	7.9-8.4	0- 4	LOW	.28			0.0- 0.
		22-60	8-18	1.35-1.45	2.00- 6.00	0.09-0.13	7.9-9.0	0- 4	LOW	.20			0.0- 0.
	BOWBAC	0- 3	12-20	1.35-1.45	2.00- 6.00	0.11-0.13	6.6-7.3	-	LOW	.24	2	3	1.0- 2.
		3-12	20-35	1.25-1.35	0.60- 2.00	0.14-0.16	6.6-7.8	-	MODER	.32			0.5- 1.
		12-20	20-30	1.25-1.35	0.60- 2.00	0.14-0.16	7.4-8.4	-	MODER	.32			0.0- 0.
		20-26	6-16	1.30-1.40	2.00- 6.00	0.11-0.14	7.9-8.4	-	LOW	.32			0.0- 0.
		26-30	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
384	HILAND	0- 8	8-18	1.25-1.35	2.00- 6.00	0.10-0.12	6.6-7.3	-	LOW	.20	5	3	1.0- 2.
		8-20	20-35	1.25-1.35	0.60- 2.00	0.13-0.16	6.6-7.8	0- 2	MODER	.32	86		0.0- 0.
		20-22	18-32	1.30-1.45	0.60- 6.00	0.11-0.14	7.9-8.4	0- 4	LOW	.28			0.0- 0.
		22-60	8-18	1.35-1.45	2.00- 6.00	0.09-0.13	7.9-9.0	0- 4	LOW	.20			0.0- 0.
	VONALEE	0- 3	7-14	1.35-1.45	2.00- 6.00	0.12-0.14	6.6-7.8	-	LOW	.28	5	3	1.0- 2.
		3-24	10-18	1.35-1.45	2.00- 6.00	0.12-0.14	6.6-7.8	-	LOW	.32			0.5- 1.
		24-60	5-15	1.45-1.55	2.00- 6.00	0.10-0.12	7.9-9.0	-	LOW	.28			0.0- 0.
384C	HILAND	0- 8	8-18	1.25-1.35	2.00- 6.00	0.10-0.12	6.6-7.3	-	LOW	.20	5	3	1.0- 2.
		8-20	20-35	1.25-1.35	0.60- 2.00	0.13-0.16	6.6-7.8	0- 2	MODER	.32	86		0.0- 0.
		20-22	18-32	1.30-1.45	0.60- 6.00	0.11-0.14	7.9-8.4	0- 4	LOW	.28			0.0- 0.
		22-60	8-18	1.35-1.45	2.00- 6.00	0.09-0.13	7.9-9.0	0- 4	LOW	.20			0.0- 0.
	VONALEE	0- 3	7-14	1.35-1.45	2.00- 6.00	0.12-0.14	6.6-7.8	-	LOW	.28	5	3	1.0- 2.
		3-24	10-18	1.35-1.45	2.00- 6.00	0.12-0.14	6.6-7.8	-	LOW	.32			0.5- 1.
		24-60	5-15	1.45-1.55	2.00- 6.00	0.10-0.12	7.9-9.0	-	LOW	.28			0.0- 0.
(386)	CUSHMAN	0- 2	15-25	1.25-1.35	0.60- 2.00	0.16-0.18	6.6-7.8	-	LOW	.32	2	5	1.0- 3.
		2-19	20-35	1.25-1.40	0.60- 2.00	0.17-0.19	7.4-8.4	-	MODER	.37	56		0.5- 1.
		19-30	20-33	1.25-1.40	0.60- 2.00	0.17-0.19	7.9-9.0	0- 2	MODER	.37			0.5- 1.
		30-34	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
	WORF	0- 2	15-25	1.25-1.35	0.60- 2.00	0.16-0.18	6.6-7.8	-	LOW	.32	1	5	1.0- 3.
		2- 7	25-35	1.25-1.40	0.60- 2.00	0.15-0.19	6.6-7.8	-	MODER	.37			0.5- 1.
		7-15	18-30	1.25-1.40	0.60- 2.00	0.14-0.18	7.9-9.0	0- 2	MODER	.37			0.0- 0.
		15-19	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
(391)	SHINGLE	0- 8	18-27	1.15-1.25	0.60- 2.00	0.16-0.18	7.4-8.4	-	LOW	.32	1	5	1.0- 3.
		8-12	20-35	1.25-1.40	0.60- 2.00	0.16-0.20	7.9-9.0	-	MODER	.37	56		0.0- 0.
		12-16	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
	TALUCE	0- 5	8-18	1.25-1.35	6.00-20.00	0.12-0.15	7.4-8.4	-	LOW	.28	1	3	0.5- 1.
		5-16	10-18	1.35-1.45	6.00-20.00	0.12-0.14	7.9-9.0	-	LOW	.32			0.0- 0.
		16-20	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.
392	DECOLNEY	0- 3	10-20	1.20-1.30	2.00- 6.00	0.12-0.14	6.6-7.8	-	LOW	.28	5	3	1.0- 3.
											86		

U.S. Department of Agriculture
Soil Conservation Service

PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS

Survey Area- CAMPBELL COUNTY, WYOMING, NORTHERN PART

Map Symbol	Soil Name	Depth (In)	Clay (pct)	Moist Blk Density (g/cm3)	Permeability (In/hr)	Available water cap (In/in)	Soil React (ph)	Salinity (mmhos/cm)	Shrink Swell Pot.	Erosion Factor K	Erosion Factor T	Wind Erod. Group	Organic Matter (pct)
		3-14	20-34	1.25-1.35	0.60- 2.00	0.14-0.16	6.6-8.4	-	MODER	.32			0.5- 1.0
		14-40	12-24	1.30-1.45	0.60- 6.00	0.12-0.15	7.4-8.4	-	LOW	.32			0.5- 1.0
		40-60	12-24	1.35-1.45	0.60- 6.00	0.11-0.14	7.9-8.4	-	LOW	.32			0.0- 0.0
	HILAND	0- 5	8-16	1.25-1.35	2.00- 6.00	0.12-0.14	7.4-7.8	2- 4	LOW	.24	5	3	1.0- 2.0
		5-60	3-10	1.40-1.50	6.00-20.00	0.06-0.09	7.4-8.4	2- 4	LOW	.15			0.0- 0.0
392C	DECOLNEY	0- 3	10-20	1.20-1.30	2.00- 6.00	0.12-0.14	6.6-7.8	-	LOW	.28	5	3	1.0- 3.0
		3-14	20-34	1.25-1.35	0.60- 2.00	0.14-0.16	6.6-8.4	-	MODER	.32			0.5- 1.0
		14-40	12-24	1.30-1.45	0.60- 6.00	0.12-0.15	7.4-8.4	-	LOW	.32			0.5- 1.0
		40-60	12-24	1.35-1.45	0.60- 6.00	0.11-0.14	7.9-8.4	-	LOW	.32			0.0- 0.0
	HILAND	0- 5	8-16	1.25-1.35	2.00- 6.00	0.12-0.14	7.4-7.8	2- 4	LOW	.24	5	3	1.0- 2.0
		5-60	3-10	1.40-1.50	6.00-20.00	0.06-0.09	7.4-8.4	2- 4	LOW	.15			0.0- 0.0
393	RENOHILL	0- 7	28-35	1.15-1.25	0.20- 0.60	0.18-0.20	6.6-7.8	-	MODER	.32	2	6	1.0- 2.0
		7-14	35-50	1.20-1.35	0.06- 0.20	0.14-0.18	7.4-8.4	0- 2	HIGH	.37			0.5- 2.0
		14-20	35-50	1.20-1.35	0.06- 0.20	0.14-0.18	7.4-8.4	2- 4	HIGH	.37			0.0- 0.0
		20-30	30-40	1.30-1.40	0.06- 0.60	0.16-0.19	7.9-9.0	2- 4	MODER	.37			0.0- 0.0
		30-34	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0
	WORFKA	0- 2	28-35	1.25-1.35	0.60- 2.00	0.18-0.20	6.6-7.8	-	MODER	.37	1	6	1.0- 3.0
		2- 7	35-50	1.25-1.35	0.06- 0.20	0.15-0.19	6.6-7.8	-	HIGH	.43			1.0- 2.0
		7-13	35-50	1.25-1.35	0.06- 0.20	0.15-0.19	7.4-8.4	0- 2	HIGH	.43			0.5- 1.0
		13-19	25-35	1.30-1.40	0.60- 2.00	0.16-0.18	7.9-8.4	0- 2	MODER	.37			0.0- 0.0
		19-23	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0
394	CUSHMAN	0- 2	15-25	1.25-1.35	0.60- 2.00	0.16-0.18	6.6-7.8	-	LOW	.32	2	5	1.0- 3.0
		2-19	20-35	1.25-1.40	0.60- 2.00	0.17-0.19	7.4-8.4	-	MODER	.37			0.5- 1.0
		19-30	20-33	1.25-1.40	0.60- 2.00	0.17-0.19	7.9-9.0	0- 2	MODER	.37			0.5- 1.0
		30-34	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0
	BOWBAC	0- 3	12-20	1.35-1.45	2.00- 6.00	0.11-0.13	6.6-7.3	-	LOW	.24	2	3	1.0- 2.0
		3-12	20-35	1.25-1.35	0.60- 2.00	0.14-0.16	6.6-7.8	-	MODER	.32			0.5- 1.0
		12-20	20-30	1.25-1.35	0.60- 2.00	0.14-0.16	7.4-8.4	-	MODER	.32			0.0- 0.0
		20-26	6-16	1.30-1.40	2.00- 6.00	0.11-0.14	7.9-8.4	-	LOW	.32			0.0- 0.0
		26-30	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0
395	TURNERCREST	0- 4	8-16	1.30-1.40	2.00- 6.00	0.10-0.12	7.4-8.4	-	LOW	.24	2	3	1.0- 2.0
		4-14	7-18	1.35-1.50	2.00- 6.00	0.12-0.14	7.4-8.4	-	LOW	.32			0.0- 0.0
		14-35	7-18	1.40-1.50	2.00- 6.00	0.11-0.13	7.9-8.4	-	LOW	.32			0.0- 0.0
		35-39	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0
	KEELINE	0- 3	8-18	1.25-1.35	2.00- 6.00	0.12-0.14	6.6-8.4	0- 2	LOW	.20	5	3	1.0- 2.0
		3-60	6-18	1.35-1.45	2.00- 6.00	0.13-0.16	7.9-9.0	0- 4	LOW	.28			0.0- 0.0
	TALUCE	0- 5	8-18	1.25-1.35	6.00-20.00	0.12-0.15	7.4-8.4	-	LOW	.28	1	3	0.5- 1.0
		5-16	10-18	1.35-1.45	6.00-20.00	0.12-0.14	7.9-9.0	-	LOW	.32			0.0- 0.0
		16-20	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0
	HILIGHT	0- 3	40-55	1.05-1.15	0.06- 0.20	0.13-0.15	6.6-7.8	-	HIGH	.37	1	4	1.0- 2.0
		3-16	40-55	1.15-1.30	0.06- 0.20	0.14-0.16	6.6-7.8	-	HIGH	.43			0.5- 1.0
		16-20	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0
	ORPHA	0- 3	3- 8	1.35-1.45	20.00-20.00	0.05-0.07	6.6-7.8	-	LOW	.15	5	1	1.0- 2.0
		3-60	3- 8	1.45-1.55	20.00-20.00	0.05-0.08	6.6-7.8	-	LOW	.20			0.1- 0.5
	TULLOCK	0- 8	2- 6	1.35-1.45	6.00-20.00	0.06-0.08	6.6-7.8	-	LOW	.15	2	2	1.0- 2.0
		8-18	2- 8	1.45-1.55	6.00-20.00	0.06-0.09	7.4-8.4	-	LOW	.17			0.0- 0.0

U.S. Department of Agriculture
Soil Conservation Service

PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS

Survey Area- CAMPBELL COUNTY, WYOMING, NORTHERN PART

Map Symbol	Soil Name	Depth (In)	Clay (pct)	Moist Blk Density (g/cm3)	Permeability (In/hr)	Available water cap (In/in)	Soil React (ph)	Salinity (mmhos/cm)	Shrink Swell Pot.	Erosion Factor K	Erosion Factor T	Wind Erod. Group	Organic Matter (pct)
		18-30	2- 8	1.45-1.60	6.00-20.00	0.05-0.08	7.4-8.4	-	LOW	.15			0.0- 0.5
		30-34	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.5
401	SHINGLE	0- 8	18-27	1.15-1.25	0.60- 2.00	0.16-0.18	7.4-8.4	-	LOW	.32	1	5	1.0- 3.5
		8-12	20-35	1.25-1.40	0.60- 2.00	0.16-0.20	7.9-9.0	-	MODER	.37			0.0- 0.5
		12-16	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.5
	WORF	0- 2	15-25	1.25-1.35	0.60- 2.00	0.16-0.18	6.6-7.8	-	LOW	.32	1	5	1.0- 3.5
		2- 7	25-35	1.25-1.40	0.60- 2.00	0.15-0.19	6.6-7.8	-	MODER	.37			0.5- 1.5
		7-15	18-30	1.25-1.40	0.60- 2.00	0.14-0.18	7.9-9.0	0- 2	MODER	.37			0.0- 0.5
		15-19	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.5
402	TULLOCK	0- 8	2- 6	1.35-1.45	6.00-20.00	0.06-0.08	6.6-7.8	-	LOW	.15	2	2	1.0- 2.5
		8-18	2- 8	1.45-1.55	6.00-20.00	0.06-0.09	7.4-8.4	-	LOW	.17			0.0- 0.5
		18-30	2- 8	1.45-1.60	6.00-20.00	0.05-0.08	7.4-8.4	-	LOW	.15			0.0- 0.5
		30-34	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.5
	ORPHA	0- 3	5- 9	1.35-1.45	20.00-20.00	0.06-0.08	6.6-7.8	-	LOW	.17	5	2	1.0- 2.5
		3-60	3- 8	1.45-1.55	20.00-20.00	0.05-0.08	6.6-7.8	-	LOW	.20			0.1- 0.5
404	TALUCE	0- 5	8-18	1.25-1.35	6.00-20.00	0.12-0.15	7.4-8.4	-	LOW	.28	1	3	0.5- 1.5
		5-16	10-18	1.35-1.45	6.00-20.00	0.12-0.14	7.9-9.0	-	LOW	.32			0.0- 0.5
		16-20	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.5
	TULLOCK	0- 8	2- 6	1.35-1.45	6.00-20.00	0.06-0.08	6.6-7.8	-	LOW	.15	2	2	1.0- 2.5
		8-18	2- 8	1.45-1.55	6.00-20.00	0.06-0.09	7.4-8.4	-	LOW	.17			0.0- 0.5
		18-30	2- 8	1.45-1.60	6.00-20.00	0.05-0.08	7.4-8.4	-	LOW	.15			0.0- 0.5
		30-34	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.5
	ORPHA	0- 3	5- 9	1.35-1.45	20.00-20.00	0.06-0.08	6.6-7.8	-	LOW	.17	5	2	1.0- 2.5
		3-60	3- 8	1.45-1.55	20.00-20.00	0.05-0.08	6.6-7.8	-	LOW	.20			0.1- 0.5
405	TERRO	0- 3	7-14	1.25-1.35	2.00- 6.00	0.11-0.13	6.6-7.8	-	LOW	.24	2	3	1.0- 2.5
		3-10	10-18	1.35-1.45	2.00- 6.00	0.11-0.13	6.6-7.8	-	LOW	.28			0.5- 1.5
		10-23	6-12	1.40-1.55	2.00-20.00	0.07-0.11	7.4-8.4	-	LOW	.24			0.0- 0.5
		23-27	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.5
	TALUCE	0- 5	8-18	1.25-1.35	6.00-20.00	0.12-0.15	7.4-8.4	-	LOW	.28	1	3	0.5- 1.5
		5-16	10-18	1.35-1.45	6.00-20.00	0.12-0.14	7.9-9.0	-	LOW	.32			0.0- 0.5
		16-20	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.5
408	HAVERDAD	0- 4	28-35	1.10-1.20	0.60- 2.00	0.19-0.21	7.4-8.4	-	MODER	.37	5	4L	1.0- 2.5
		4-60	20-35	1.25-1.40	0.60- 2.00	0.17-0.20	7.4-9.0	0- 4	MODER	.32			0.5- 1.5
		60-70	20-35	1.25-1.40	0.60- 2.00	0.15-0.20	7.4-9.0	0- 4	MODER	.37			0.5- 1.5
	KISHONA	0- 4	28-34	1.20-1.30	0.60- 2.00	0.17-0.19	7.4-8.4	0- 2	MODER	.37	5	4	1.0- 2.5
		4-60	20-35	1.25-1.35	0.60- 2.00	0.16-0.19	7.9-9.0	0- 4	MODER	.37			0.0- 0.5
412	POTTS VARIANT	0-10	15-25	1.15-1.25	0.60- 2.00	0.16-0.18	6.6-7.3	-	LOW	.32	5	5	1.0- 2.5
		10-23	20-35	1.25-1.40	0.60- 2.00	0.15-0.19	6.6-7.8	-	MODER	.37			0.5- 1.5
		23-31	20-35	1.15-1.25	0.60- 2.00	0.13-0.16	6.6-7.8	-	MODER	.32			0.5- 1.5
		31-45	14-24	1.10-1.25	2.00- 6.00	0.06-0.10	8.5-9.0	-	LOW	.20			0.0- 0.5
		45-60	5-12	1.05-1.25	6.00-20.00	0.03-0.05	6.6-7.8	-	LOW	.05			0.0- 0.5
	WIBAUX	0- 4	15-25	1.15-1.25	0.60- 2.00	0.09-0.11	6.6-7.8	-	LOW	.15	1	8	1.0- 3.0
		4- 8	15-25	1.25-1.40	0.60- 2.00	0.04-0.06	6.6-7.8	-	LOW	.15			0.5- 1.0
		8-12	15-25	1.25-1.40	0.60- 2.00	0.03-0.05	6.6-7.8	-	LOW	.02			0.5- 1.0
		12-60	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0
418	TERRO	0- 3	7-14	1.25-1.35	2.00- 6.00	0.11-0.13	6.6-7.8	-	LOW	.24	2	3	1.0- 2.0

U.S. Department of Agriculture
Soil Conservation Service

PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS

Survey Area- CAMPBELL COUNTY, WYOMING, NORTHERN PART

Map Symbol	Soil Name	Depth (In)	Clay (pct)	Moist Blk Density (g/cm3)	Permeability (In/hr)	Available water cap (In/in)	Soil React (ph)	Salinity (mmhos/cm)	Shrink Swell Pot.	Erosion Factor K	Erosion Factor T	Wind Erod. Group	Organic Matter (pct)
		3-10	10-18	1.35-1.45	2.00- 6.00	0.11-0.13	6.6-7.8	-	LOW	.28			0.5- 1.0
		10-23	6-12	1.40-1.55	2.00-20.00	0.07-0.11	7.4-8.4	-	LOW	.24			0.0- 0.0
		23-27	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0
	VONALEE	0- 3	7-14	1.35-1.45	2.00- 6.00	0.12-0.14	6.6-7.8	-	LOW	.28	5	3	1.0- 2.0
		3-24	10-18	1.35-1.45	2.00- 6.00	0.12-0.14	6.6-7.8	-	LOW	.32			0.5- 1.0
		24-60	5-15	1.45-1.55	2.00- 6.00	0.10-0.12	7.9-9.0	-	LOW	.28			0.0- 0.0
500	RAUZI	0- 8	10-20	1.25-1.35	2.00- 6.00	0.13-0.15	6.6-7.8	-	LOW	.28	5	3	1.0- 3.0
		8-24	20-35	1.25-1.35	0.60- 2.00	0.14-0.16	6.6-7.8	-	MODER	.32			0.5- 2.0
		24-40	10-24	1.35-1.45	0.60- 6.00	0.11-0.13	7.4-8.4	-	LOW	.24			0.0- 0.0
		40-60	10-24	1.35-1.45	0.60- 6.00	0.11-0.13	7.9-8.4	0- 2	LOW	.24			0.0- 0.0
	PUGSLEY	0- 4	8-16	1.25-1.35	2.00- 6.00	0.11-0.13	6.6-7.8	-	LOW	.24	2	3	1.0- 2.0
		4-15	20-30	1.25-1.40	0.60- 2.00	0.14-0.16	6.6-7.8	-	MODER	.37			0.5- 1.0
		15-23	6-16	1.40-1.55	2.00-20.00	0.07-0.12	7.4-8.4	-	LOW	.28			0.5- 1.0
		23-27	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0
500D	RAUZI	0- 8	10-20	1.25-1.35	2.00- 6.00	0.13-0.15	6.6-7.8	-	LOW	.28	5	3	1.0- 3.0
		8-24	20-35	1.25-1.35	0.60- 2.00	0.14-0.16	6.6-7.8	-	MODER	.32			0.5- 2.0
		24-40	10-24	1.35-1.45	0.60- 6.00	0.11-0.13	7.4-8.4	-	LOW	.24			0.0- 0.0
		40-60	10-24	1.35-1.45	0.60- 6.00	0.11-0.13	7.9-8.4	0- 2	LOW	.24			0.0- 0.0
	PUGSLEY	0- 4	8-16	1.25-1.35	2.00- 6.00	0.11-0.13	6.6-7.8	-	LOW	.24	2	3	1.0- 2.0
		4-15	20-30	1.25-1.40	0.60- 2.00	0.14-0.16	6.6-7.8	-	MODER	.37			0.5- 1.0
		15-23	6-16	1.40-1.55	2.00-20.00	0.07-0.12	7.4-8.4	-	LOW	.28			0.5- 1.0
		23-27	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0
503	WIBAUX	0- 4	15-25	1.15-1.25	0.60- 2.00	0.09-0.11	6.6-7.8	-	LOW	.15	1	8	1.0- 3.0
		4- 8	15-25	1.25-1.40	0.60- 2.00	0.04-0.06	6.6-7.8	-	LOW	.15			0.5- 1.0
		8-12	15-25	1.25-1.40	0.60- 2.00	0.03-0.05	6.6-7.8	-	LOW	.02			0.5- 1.0
		12-60	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0
	BAUX	0- 1	18-27	1.15-1.25	0.60- 2.00	0.09-0.13	6.6-7.8	-	LOW	.15	1	8	1.0- 3.0
		1-11	18-27	1.15-1.25	0.60- 2.00	0.04-0.07	6.6-7.8	-	LOW	.10			1.0- 3.0
		11-60	-	1.65-1.75	20.00-20.00	0.01-0.02	6.6-7.8	-	LOW	.02			0.0- 1.0
504	BAUX	0- 1	18-27	1.15-1.25	0.60- 2.00	0.09-0.13	6.6-7.8	-	LOW	.15	1	8	1.0- 3.0
		1-11	18-27	1.15-1.25	0.60- 2.00	0.04-0.07	6.6-7.8	-	LOW	.10			1.0- 3.0
		11-60	-	1.65-1.75	20.00-20.00	0.01-0.02	6.6-7.8	-	LOW	.02			0.0- 1.0
	WIBAUX, COOL	0- 4	15-25	1.15-1.25	0.60- 2.00	0.09-0.11	6.6-7.8	-	LOW	.15	1	8	1.0- 3.0
		4- 8	15-25	1.25-1.40	0.60- 2.00	0.04-0.06	6.6-7.8	-	LOW	.15			0.5- 1.0
		8-12	15-25	1.25-1.40	0.60- 2.00	0.03-0.05	6.6-7.8	-	LOW	.02			0.5- 1.0
		12-60	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0
505	KIRTLEY	0- 4	10-20	1.15-1.25	0.60- 2.00	0.16-0.18	6.6-7.8	-	LOW	.37	2	5	1.0- 3.0
		4-22	18-35	1.25-1.35	0.60- 2.00	0.19-0.21	6.6-7.8	-	MODER	.49			0.0- 0.0
		22-30	18-27	1.25-1.35	0.60- 2.00	0.16-0.18	7.9-9.0	-	LOW	.49			0.0- 0.0
		30-34	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0
	BAUX	0- 1	18-27	1.15-1.25	0.60- 2.00	0.09-0.13	6.6-7.8	-	LOW	.15	1	8	1.0- 3.0
		1-11	18-27	1.15-1.25	0.60- 2.00	0.04-0.07	6.6-7.8	-	LOW	.10			1.0- 3.0
		11-60	-	1.65-1.75	20.00-20.00	0.01-0.02	6.6-7.8	-	LOW	.02			0.0- 1.0
506	HARLAN	0- 5	15-25	1.10-1.20	0.60- 2.00	0.16-0.18	6.6-7.8	-	LOW	.43	5	6	1.0- 2.0
		5-26	20-35	1.25-1.40	0.60- 2.00	0.19-0.21	6.6-7.8	-	MODER	.49			0.0- 0.0
		26-60	15-25	1.25-1.40	0.60- 2.00	0.16-0.18	7.9-9.0	0- 2	LOW	.55			0.0- 0.0

U.S. Department of Agriculture
Soil Conservation Service

PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS

Survey Area- CAMPBELL COUNTY, WYOMING, NORTHERN PART

Map Symbol	Soil Name	Depth (In)	Clay (pct)	Moist Blk Density (g/cm3)	Permeability (In/hr)	Available water cap (In/in)	Soil React (ph)	Salinity (mmhos/cm)	Shrink Swell Pot.	Erosion Factor K	Erosion Factor T	Wind Erod. Group	Organic Matter (pct)
	KIRTLEY	0- 4	10-20	1.15-1.25	0.60- 2.00	0.16-0.18	6.6-7.8	-	LOW	.37	2	5	1.0- 3.0
		4-22	18-35	1.25-1.35	0.60- 2.00	0.19-0.21	6.6-7.8	-	MODER	.49			0.0- 0.0
		22-30	18-27	1.25-1.35	0.60- 2.00	0.16-0.18	7.9-9.0	-	LOW	.49			0.0- 0.0
		30-34	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0
600	BOWBAC	0- 3	12-20	1.35-1.45	2.00- 6.00	0.11-0.13	6.6-7.3	-	LOW	.24	2	3	1.0- 2.0
		3-12	20-35	1.25-1.35	0.60- 2.00	0.14-0.16	6.6-7.8	-	MODER	.32			0.5- 1.0
		12-20	20-30	1.25-1.35	0.60- 2.00	0.14-0.16	7.4-8.4	-	MODER	.32			0.0- 0.0
		20-26	6-16	1.30-1.40	2.00- 6.00	0.11-0.14	7.9-8.4	-	LOW	.32			0.0- 0.0
		26-30	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0
	ORPHA	0- 3	5- 9	1.35-1.45	20.00-20.00	0.06-0.08	6.6-7.8	-	LOW	.17	5	2	1.0- 2.0
		3-60	3- 8	1.45-1.55	20.00-20.00	0.05-0.08	6.6-7.8	-	LOW	.20			0.1- 0.5
601	SHINGLE	0- 8	28-35	1.15-1.25	0.60- 2.00	0.18-0.20	7.4-8.4	-	MODER	.37	1	6	1.0- 3.0
		8-12	20-35	1.25-1.40	0.60- 2.00	0.16-0.20	7.9-9.0	-	MODER	.37			0.0- 0.0
		12-16	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0
	SAMDAY	0- 2	40-50	1.05-1.15	0.06- 0.20	0.13-0.15	7.4-8.4	-	HIGH	.32	1	4	1.0- 2.0
		2-16	40-50	1.10-1.20	0.06- 0.20	0.14-0.16	7.4-8.4	0- 4	HIGH	.37			0.5- 1.0
		16-20	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0
	HILIGHT	0- 3	40-55	1.05-1.15	0.06- 0.20	0.13-0.15	6.6-7.8	-	HIGH	.37	1	4	1.0- 2.0
		3-16	40-55	1.15-1.30	0.06- 0.20	0.14-0.16	6.6-7.8	-	HIGH	.43			0.5- 1.0
		16-20	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0
602	PARMLEED	0- 2	12-20	1.25-1.35	2.00- 6.00	0.14-0.16	6.6-7.8	-	LOW	.28	2	3	1.0- 3.0
		2-18	35-50	1.20-1.30	0.06- 0.20	0.16-0.19	6.6-7.8	-	HIGH	.37			0.5- 1.0
		18-30	35-50	1.20-1.30	0.06- 0.20	0.15-0.17	7.9-9.0	-	HIGH	.43			0.0- 0.0
		30-39	20-40	1.30-1.40	0.60- 2.00	0.17-0.19	7.9-9.0	-	MODER	.37			0.0- 0.0
		39-43	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0
	WORFKA	0- 2	15-20	1.35-1.45	2.00- 6.00	0.15-0.17	6.6-7.8	-	LOW	.28	1	3	1.0- 3.0
		2- 7	35-50	1.25-1.35	0.06- 0.20	0.15-0.19	6.6-7.8	-	HIGH	.43			1.0- 2.0
		7-13	35-50	1.25-1.35	0.06- 0.20	0.15-0.19	7.4-8.4	0- 2	HIGH	.43			0.5- 1.0
		13-19	25-35	1.30-1.40	0.60- 2.00	0.16-0.18	7.9-8.4	0- 2	MODER	.37			0.0- 0.0
		19-23	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0
603	EMIGRANT	0- 4	10-27	1.15-1.25	0.60- 2.00	0.16-0.18	7.4-8.4	0- 4	LOW	.32	5	4L	0.5- 1.0
		4-60	20-35	1.15-1.25	0.60- 2.00	0.10-0.17	7.9-9.0	2- 8	MODER	.37			0.5- 1.0
		60-70	20-27	1.15-1.25	0.60- 2.00	0.15-0.20	7.9-9.0	2- 8	LOW	.43			0.1- 0.5
	NUNCHO	0- 2	20-35	1.15-1.25	0.60- 2.00	0.15-0.17	6.1-7.8	-	MODER	.37	5	5	1.0- 3.0
		2-35	35-50	1.20-1.30	0.06- 0.20	0.15-0.20	6.6-8.4	-	HIGH	.43			0.0- 0.0
		35-60	20-35	1.25-1.35	0.60- 2.00	0.17-0.20	7.9-8.4	0- 2	MODER	.37			0.0- 0.0
		60-70	10-20	1.35-1.45	2.00- 6.00	0.07-0.12	7.9-8.4	0- 2	LOW	.20			0.0- 0.0
603C	EMIGRANT	0- 4	10-27	1.15-1.25	0.60- 2.00	0.16-0.18	7.4-8.4	0- 4	LOW	.32	5	4L	0.5- 1.0
		4-60	20-35	1.15-1.25	0.60- 2.00	0.10-0.17	7.9-9.0	2- 8	MODER	.37			0.5- 1.0
		60-70	20-27	1.15-1.25	0.60- 2.00	0.15-0.20	7.9-9.0	2- 8	LOW	.43			0.1- 0.5
	NUNCHO	0- 2	20-35	1.15-1.25	0.60- 2.00	0.15-0.17	6.1-7.8	-	MODER	.37	5	5	1.0- 3.0
		2-35	35-50	1.20-1.30	0.06- 0.20	0.15-0.20	6.6-8.4	-	HIGH	.43			0.0- 0.0
		35-60	20-35	1.25-1.35	0.60- 2.00	0.17-0.20	7.9-8.4	0- 2	MODER	.37			0.0- 0.0
		60-70	10-20	1.35-1.45	2.00- 6.00	0.07-0.12	7.9-8.4	0- 2	LOW	.20			0.0- 0.0
604	SHINGLE	0- 8	18-27	1.15-1.25	0.60- 2.00	0.16-0.18	7.4-8.4	-	LOW	.32	1	5	1.0- 3.0
		8-12	20-35	1.25-1.40	0.60- 2.00	0.16-0.20	7.9-9.0	-	MODER	.37			0.0- 0.0

U.S. Department of Agriculture
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PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS

Survey Area- CAMPBELL COUNTY, WYOMING, NORTHERN PART

Map Symbol	Soil Name	Depth (In)	Clay (pct)	Moist Blk Density (g/cm3)	Permeability (In/hr)	Available water cap (In/in)	Soil React (ph)	Salinity (mmhos/cm)	Shrink Swell Pot.	Erosion Factor K	Erosion Factor T	Wind Erod. Group	Organ Matte (pct)
		12-16	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0
605	HARGREAVE	0-10	10-20	1.25-1.35	2.00- 6.00	0.13-0.15	6.1-7.8	0- 2	LOW	.28	3	3	1.0- 2
		10-20	18-35	1.30-1.40	0.60- 2.00	0.14-0.16	6.1-7.8	0- 2	MODER	.37			0.0- 0
		20-32	10-20	1.35-1.45	2.00- 6.00	0.13-0.15	6.1-7.8	0- 2	LOW	.43			0.0- 0
		32-36	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0
	MOSKEE	0- 4	10-18	1.25-1.35	2.00- 6.00	0.12-0.14	6.6-7.8	0- 2	LOW	.24	5	3	2.0- 4
		4-10	20-35	1.25-1.40	0.60- 2.00	0.14-0.16	7.4-7.8	0- 2	MODER	.28			1.0- 3
		10-16	20-30	1.25-1.40	0.60- 2.00	0.14-0.16	7.9-8.4	0- 2	MODER	.32			0.5- 1
		16-60	10-20	1.30-1.45	2.00- 6.00	0.11-0.13	7.9-8.4	0- 2	LOW	.32			0.0- 0
605C	HARGREAVE	0-10	10-20	1.25-1.35	2.00- 6.00	0.13-0.15	6.1-7.8	0- 2	LOW	.28	3	3	1.0- 2
		10-20	18-35	1.30-1.40	0.60- 2.00	0.14-0.16	6.1-7.8	0- 2	MODER	.37	86		0.0- 0
		20-32	10-20	1.35-1.45	2.00- 6.00	0.13-0.15	6.1-7.8	0- 2	LOW	.43			0.0- 0
		32-36	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0
	MOSKEE	0- 4	10-18	1.25-1.35	2.00- 6.00	0.12-0.14	6.6-7.8	0- 2	LOW	.24	5	3	2.0- 4
		4-10	20-35	1.25-1.40	0.60- 2.00	0.14-0.16	7.4-7.8	0- 2	MODER	.28			1.0- 3
		10-16	20-30	1.25-1.40	0.60- 2.00	0.14-0.16	7.9-8.4	0- 2	MODER	.32			0.5- 1
		16-60	10-20	1.30-1.45	2.00- 6.00	0.11-0.13	7.9-8.4	0- 2	LOW	.32			0.0- 0
606	SHINGLE	0- 8	28-35	1.15-1.25	0.60- 2.00	0.18-0.20	7.4-8.4	-	MODER	.37	1	6	1.0- 3
		8-12	20-35	1.25-1.40	0.60- 2.00	0.16-0.20	7.9-9.0	-	MODER	.37	48		0.0- 0
		12-16	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0
	SAMDAY	0- 2	40-50	1.05-1.15	0.06- 0.20	0.13-0.15	7.4-8.4	-	HIGH	.32	1	4	1.0- 2
		2-16	40-50	1.10-1.20	0.06- 0.20	0.14-0.16	7.4-8.4	0- 4	HIGH	.37			0.5- 1
		16-20	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0
607	MOSKEE	0- 4	10-18	1.25-1.35	2.00- 6.00	0.12-0.14	6.6-7.8	0- 2	LOW	.24	5	3	2.0- 4
		4-10	20-35	1.25-1.40	0.60- 2.00	0.14-0.16	7.4-7.8	0- 2	MODER	.28			1.0- 3
		10-16	20-30	1.25-1.40	0.60- 2.00	0.14-0.16	7.9-8.4	0- 2	MODER	.32			0.5- 1
		16-60	10-20	1.30-1.45	2.00- 6.00	0.11-0.13	7.9-8.4	0- 2	LOW	.32			0.0- 0
	NODEN	0- 9	8-15	1.25-1.35	2.00- 6.00	0.11-0.13	6.6-7.3	-	LOW	.32	5	3	1.0- 3
		9-16	20-35	1.25-1.40	0.60- 2.00	0.14-0.16	6.6-7.8	-	MODER	.37			0.0- 0
		16-60	8-15	1.35-1.50	0.60- 2.00	0.14-0.16	7.4-7.8	0- 2	LOW	.37			0.0- 0
		60-70	15-25	1.25-1.40	0.60- 2.00	0.16-0.18	7.4-7.8	0- 2	LOW	.37			0.0- 0
607C	MOSKEE	0- 4	10-18	1.25-1.35	2.00- 6.00	0.12-0.14	6.6-7.8	0- 2	LOW	.24	5	3	2.0- 4
		4-10	20-35	1.25-1.40	0.60- 2.00	0.14-0.16	7.4-7.8	0- 2	MODER	.28	86		1.0- 3
		10-16	20-30	1.25-1.40	0.60- 2.00	0.14-0.16	7.9-8.4	0- 2	MODER	.32			0.5- 1
		16-60	10-20	1.30-1.45	2.00- 6.00	0.11-0.13	7.9-8.4	0- 2	LOW	.32			0.0- 0
	NODEN	0- 9	8-15	1.25-1.35	2.00- 6.00	0.11-0.13	6.6-7.3	-	LOW	.32	5	3	1.0- 3
		9-16	20-35	1.25-1.40	0.60- 2.00	0.14-0.16	6.6-7.8	-	MODER	.37			0.0- 0
		16-60	8-15	1.35-1.50	0.60- 2.00	0.14-0.16	7.4-7.8	0- 2	LOW	.37			0.0- 0
		60-70	15-25	1.25-1.40	0.60- 2.00	0.16-0.18	7.4-7.8	0- 2	LOW	.37			0.0- 0
610	PUGSLEY	0- 4	8-16	1.25-1.35	2.00- 6.00	0.11-0.13	6.6-7.8	-	LOW	.24	2	3	1.0- 2
		4-15	20-30	1.25-1.40	0.60- 2.00	0.14-0.16	6.6-7.8	-	MODER	.37			0.5- 1
		15-23	6-16	1.40-1.55	2.00-20.00	0.07-0.12	7.4-8.4	-	LOW	.28			0.5- 1
		23-27	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0
611	BOWBAC	0- 3	12-20	1.35-1.45	2.00- 6.00	0.11-0.13	6.6-7.3	-	LOW	.24	2	3	1.0- 2
		3-12	20-35	1.25-1.35	0.60- 2.00	0.14-0.16	6.6-7.8	-	MODER	.32			0.5- 1
		12-20	20-30	1.25-1.35	0.60- 2.00	0.14-0.16	7.4-8.4	-	MODER	.32			0.0- 0

U.S. Department of Agriculture
Soil Conservation Service

PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS

Survey Area- CAMPBELL COUNTY, WYOMING, NORTHERN PART

Map Symbol	Soil Name	Depth (In)	Clay (pct)	Moist Blk Density (g/cm3)	Permeability (In/hr)	Available water cap (In/in)	Soil React (ph)	Salinity (mmhos/cm)	Shrink Swell Pot.	Erosion Factor K	Erosion Factor T	Wind Erod. Group	Organic Matter (pct)
		20-26	6-16	1.30-1.40	2.00- 6.00	0.11-0.14	7.9-8.4	-	LOW	.32			0.0- 0.0
		26-30	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0
	WORF	0- 2	15-25	1.25-1.35	0.60- 2.00	0.16-0.18	6.6-7.8	-	LOW	.32	1	5	1.0- 3.0
		2- 7	25-35	1.25-1.40	0.60- 2.00	0.15-0.19	6.6-7.8	-	MODER	.37			0.5- 1.0
		7-15	18-30	1.25-1.40	0.60- 2.00	0.14-0.18	7.9-9.0	0- 2	MODER	.37			0.0- 0.0
		15-19	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0
612	CEDAK	0- 1	12-22	1.15-1.25	0.60- 2.00	0.16-0.18	6.6-7.8	0- 2	LOW	.32	2	5	1.0- 2.0
		1-16	18-35	1.25-1.35	0.60- 2.00	0.17-0.20	6.6-7.8	0- 2	MODER	.37	56		0.0- 0.0
		16-25	12-25	1.30-1.40	0.60- 2.00	0.16-0.18	7.9-9.0	0- 2	LOW	.37			0.0- 0.0
		25-31	27-32	1.25-1.35	0.60- 2.00	0.19-0.21	7.9-9.0	0- 2	MODER	.37			0.0- 0.0
		31-35	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0
635	KEYNER	0- 3	10-20	1.25-1.35	2.00- 6.00	0.12-0.14	7.4-8.4	-	LOW	.24	5	3	1.0- 2.0
		3-10	20-35	1.30-1.40	0.20- 0.60	0.14-0.18	7.9-8.4	0- 2	MODER	.37	86		0.5- 1.0
		10-16	20-35	1.30-1.40	0.06- 0.20	0.11-0.14	8.4-9.6	2- 8	MODER	.37			0.0- 0.0
		16-60	12-24	1.30-1.45	0.06- 0.20	0.07-0.10	8.4-9.6	4- 12	LOW	.32			0.0- 0.0
	AMODAC	0- 4	20-35	1.15-1.25	0.60- 2.00	0.17-0.20	7.9-9.0	0- 2	MODER	.32	5	4L	1.0- 2.0
		4-15	20-35	1.25-1.35	0.20- 0.60	0.15-0.20	7.9-9.0	0- 2	MODER	.43			0.0- 1.0
		15-26	20-35	1.25-1.35	0.20- 0.60	0.15-0.17	8.4-9.6	2- 4	MODER	.43			0.5- 0.5
		26-60	20-35	1.25-1.35	0.20- 0.60	0.08-0.10	8.4-9.6	4- 16	MODER	.43			0.5- 0.5
A79	FARMLEED	0- 2	12-20	1.25-1.35	2.00- 6.00	0.14-0.16	6.6-7.8	-	LOW	.28	2	3	1.0- 3.0
		2-18	35-50	1.20-1.30	0.06- 0.20	0.16-0.19	6.6-7.8	-	HIGH	.37	86		0.5- 1.0
		18-30	35-50	1.20-1.30	0.06- 0.20	0.15-0.17	7.9-9.0	-	HIGH	.43			0.0- 0.0
		30-39	20-40	1.30-1.40	0.60- 2.00	0.17-0.19	7.9-9.0	-	MODER	.37			0.0- 0.0
		39-43	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0
A79C	FARMLEED	0- 2	12-20	1.25-1.35	2.00- 6.00	0.14-0.16	6.6-7.8	-	LOW	.28	2	3	1.0- 3.0
		2-18	35-50	1.20-1.30	0.06- 0.20	0.16-0.19	6.6-7.8	-	HIGH	.37	86		0.5- 1.0
		18-30	35-50	1.20-1.30	0.06- 0.20	0.15-0.17	7.9-9.0	-	HIGH	.43			0.0- 0.0
		30-39	20-40	1.30-1.40	0.60- 2.00	0.17-0.19	7.9-9.0	-	MODER	.37			0.0- 0.0
		39-43	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0
B45	FORKWOOD	0- 2	15-25	1.25-1.35	0.60- 2.00	0.16-0.18	6.6-7.8	-	LOW	.32	5	5	1.0- 3.0
		2-16	23-35	1.25-1.40	0.60- 2.00	0.17-0.20	6.6-7.8	-	MODER	.37	56		0.5- 2.0
		16-23	23-34	1.25-1.40	0.60- 2.00	0.17-0.20	7.4-8.4	-	MODER	.37			0.5- 1.0
		23-60	20-30	1.25-1.40	0.60- 2.00	0.17-0.20	7.9-9.0	0- 2	MODER	.37			0.0- 0.0
B45C	FORKWOOD	0- 2	15-25	1.25-1.35	0.60- 2.00	0.16-0.18	6.6-7.8	-	LOW	.32	5	5	1.0- 3.0
		2-16	23-35	1.25-1.40	0.60- 2.00	0.17-0.20	6.6-7.8	-	MODER	.37	56		0.5- 2.0
		16-23	23-34	1.25-1.40	0.60- 2.00	0.17-0.20	7.4-8.4	-	MODER	.37			0.5- 1.0
		23-60	20-30	1.25-1.40	0.60- 2.00	0.17-0.20	7.9-9.0	0- 2	MODER	.37			0.0- 0.0
B77	ABSTED	0- 7	6-18	1.25-1.35	2.00- 6.00	0.14-0.16	6.6-7.8	-	LOW	.28	5	3	1.0- 2.0
		7-15	35-40	1.25-1.35	0.20- 0.60	0.16-0.18	7.4-8.4	0- 2	MODER	.37	86		1.0- 2.0
		15-26	35-50	1.20-1.35	0.06- 0.20	0.08-0.10	8.4-9.6	8- 16	HIGH	.43			0.5- 1.0
		26-50	35-50	1.20-1.35	0.06- 0.20	0.08-0.10	8.4-9.6	8- 16	HIGH	.43			0.5- 1.0
		50-60	35-45	1.20-1.35	0.06- 0.20	0.08-0.10	7.8-9.6	8- 16	HIGH	.43			0.0- 0.0
C55	RENCALSON	0- 5	15-25	1.15-1.25	0.60- 2.00	0.16-0.18	6.1-7.8	0- 2	LOW	.32	2	5	1.0- 2.0
		5-32	35-50	1.20-1.30	0.06- 0.20	0.15-0.20	6.6-7.8	0- 2	HIGH	.37	56		0.0- 0.0
		32-36	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0
E43	MAYSDORF	0- 3	20-25	1.15-1.25	0.60- 2.00	0.14-0.16	6.6-7.3	-	MODER	.32	5	5	1.0- 3.0
											56		

PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS

Survey Area- CAMPBELL COUNTY, WYOMING, NORTHERN PART

Map Symbol	Soil Name	Depth (In)	Clay (pct)	Moist Blk Density (g/cm3)	Permeability (In/hr)	Available water cap (In/in)	Soil React (ph)	Salinity (mmhos/cm)	Shrink Swell Pot.	Erosion Factor K	Erosion Factor T	Wind Erod. Group	Organic Matter (pct)
		3- 7	15-20	1.30-1.40	2.00- 6.00	0.14-0.16	7.4-7.8	-	LOW	.37			0.5- 2.0
		7-33	20-35	1.30-1.40	0.60- 2.00	0.14-0.16	6.6-7.8	-	MODER	.37			0.0- 0.0
		33-40	14-24	1.30-1.45	0.60- 2.00	0.11-0.15	7.9-8.4	-	LOW	.32			0.0- 0.0
		40-60	8-18	1.35-1.50	2.00- 6.00	0.09-0.13	7.9-8.4	-	LOW	.28			0.0- 0.0
	RAUZI	0- 8	20-25	1.25-1.35	0.60- 2.00	0.14-0.16	6.6-7.8	-	MODER	.32	5	5	1.0- 3.0
		8-24	20-35	1.25-1.35	0.60- 2.00	0.14-0.16	6.6-7.8	-	MODER	.32			0.5- 2.0
		24-40	10-24	1.35-1.45	0.60- 6.00	0.11-0.13	7.4-8.4	-	LOW	.24			0.0- 0.0
		40-60	10-24	1.35-1.45	0.60- 6.00	0.11-0.13	7.9-8.4	0- 2	LOW	.24			0.0- 0.0
E66	PUGSLEY	0- 4	8-16	1.25-1.35	2.00- 6.00	0.11-0.13	6.6-7.8	-	LOW	.24	2	3	1.0- 2.0
		4-15	20-30	1.25-1.40	0.60- 2.00	0.14-0.16	6.6-7.8	-	MODER	.37			0.5- 1.0
		15-23	6-16	1.40-1.55	2.00-20.00	0.07-0.12	7.4-8.4	-	LOW	.28			0.5- 1.0
		23-27	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0
F12	EMIGRANT	0- 4	27-35	1.10-1.20	0.60- 2.00	0.19-0.21	7.4-8.4	4- 8	MODER	.32	5	4L	0.5- 1.0
		4-60	20-35	1.15-1.25	0.60- 2.00	0.10-0.17	7.9-9.0	2- 8	MODER	.37			0.5- 1.0
		60-70	20-27	1.15-1.25	0.60- 2.00	0.15-0.20	7.9-9.0	2- 8	LOW	.43			0.1- 0.5
F12C	EMIGRANT	0- 4	27-35	1.10-1.20	0.60- 2.00	0.19-0.21	7.4-8.4	4- 8	MODER	.32	5	4L	0.5- 1.0
		4-60	20-35	1.15-1.25	0.60- 2.00	0.10-0.17	7.9-9.0	2- 8	MODER	.37			0.5- 1.0
		60-70	20-27	1.15-1.25	0.60- 2.00	0.15-0.20	7.9-9.0	2- 8	LOW	.43			0.1- 0.5
F77	NUNCHO	0- 2	35-45	1.10-1.20	0.20- 0.60	0.15-0.20	6.1-7.8	-	HIGH	.43	5	6	1.0- 3.0
		2-35	35-50	1.20-1.30	0.06- 0.20	0.15-0.20	6.6-8.4	-	HIGH	.43			0.0- 0.0
		35-60	20-35	1.25-1.35	0.60- 2.00	0.17-0.20	7.9-8.4	0- 2	MODER	.37			0.0- 0.0
		60-70	10-20	1.35-1.45	2.00- 6.00	0.07-0.12	7.9-8.4	0- 2	LOW	.20			0.0- 0.0
H85	ULM	0- 9	18-27	1.20-1.30	0.60- 2.00	0.16-0.18	6.6-7.3	-	LOW	.32	5	5	1.0- 3.0
		9-18	35-50	1.20-1.35	0.06- 0.20	0.16-0.20	6.6-7.8	-	HIGH	.37			0.5- 1.0
		18-22	35-50	1.20-1.30	0.06- 0.20	0.16-0.20	6.6-7.8	-	HIGH	.43			0.5- 1.0
		22-60	23-35	1.25-1.35	0.60- 2.00	0.17-0.19	7.9-9.0	0- 2	MODER	.37			0.0- 0.0
		60-70	28-40	1.20-1.30	0.60- 2.00	0.18-0.20	7.9-9.0	0- 2	MODER	.43			0.0- 0.0
014	HARGREAVE	0-10	10-20	1.25-1.35	2.00- 6.00	0.13-0.15	6.1-7.8	0- 2	LOW	.28	3	3	1.0- 2.0
		10-20	18-35	1.30-1.40	0.60- 2.00	0.14-0.16	6.1-7.8	0- 2	MODER	.37			0.0- 0.0
		20-32	10-20	1.35-1.45	2.00- 6.00	0.13-0.15	6.1-7.8	0- 2	LOW	.43			0.0- 0.0
		32-36	-	0.00-0.00	0.00- 0.00	0.00-0.00	0.0-0.0	-					0.0- 0.0
053	MOSKEE	0- 4	2- 6	1.35-1.45	6.00-20.00	0.05-0.07	6.6-7.8	0- 2	LOW	.17	5	2	2.0- 4.0
		4-10	20-35	1.25-1.40	0.60- 2.00	0.14-0.16	7.4-7.8	0- 2	MODER	.28			1.0- 3.0
		10-16	20-30	1.25-1.40	0.60- 2.00	0.14-0.16	7.9-8.4	0- 2	MODER	.32			0.5- 1.0
		16-60	10-20	1.30-1.45	2.00- 6.00	0.11-0.13	7.9-8.4	0- 2	LOW	.32			0.0- 0.0
	NODEN	0- 9	8-15	1.25-1.35	2.00- 6.00	0.11-0.13	6.6-7.3	-	LOW	.32	5	3	1.0- 3.0
		9-16	20-35	1.25-1.40	0.60- 2.00	0.14-0.16	6.6-7.8	-	MODER	.37			0.0- 0.0
		16-60	8-15	1.35-1.50	0.60- 2.00	0.14-0.16	7.4-7.8	0- 2	LOW	.37			0.0- 0.0
		60-70	15-25	1.25-1.40	0.60- 2.00	0.16-0.18	7.4-7.8	0- 2	LOW	.37			0.0- 0.0
053C	MOSKEE	0- 4	2- 6	1.35-1.45	6.00-20.00	0.05-0.07	6.6-7.8	0- 2	LOW	.17	5	2	2.0- 4.0
		4-10	20-35	1.25-1.40	0.60- 2.00	0.14-0.16	7.4-7.8	0- 2	MODER	.28			1.0- 3.0
		10-16	20-30	1.25-1.40	0.60- 2.00	0.14-0.16	7.9-8.4	0- 2	MODER	.32			0.5- 1.0
		16-60	10-20	1.30-1.45	2.00- 6.00	0.11-0.13	7.9-8.4	0- 2	LOW	.32			0.0- 0.0
	NODEN	0- 9	8-15	1.25-1.35	2.00- 6.00	0.11-0.13	6.6-7.3	-	LOW	.32	5	3	1.0- 3.0
		9-16	20-35	1.25-1.40	0.60- 2.00	0.14-0.16	6.6-7.8	-	MODER	.37			0.0- 0.0
		16-60	8-15	1.35-1.50	0.60- 2.00	0.14-0.16	7.4-7.8	0- 2	LOW	.37			0.0- 0.0

U.S. Department of Agriculture
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PHYSICAL AND CHEMICAL PROPERTIES OF THE SOILS

Survey Area- CAMPBELL COUNTY, WYOMING, NORTHERN PART

Map Symbol	Soil Name	Depth (In)	Clay (pct)	Moist Blk Density (g/cm3)	Permeability (In/hr)	Available water cap (In/in)	Soil React (ph)	Salinity (mmhos/cm)	Shrink Swell Pot.	Erosion Factor K	Erosion Factor T	Wind Erod. Group	Organic Matter (pct)
		60-70	15-25	1.25-1.40	0.60- 2.00	0.16-0.18	7.4-7.8	0- 2	LOW	.37			0.0- 0.5
053D	MOSKEE	0- 4	2- 6	1.35-1.45	6.00-20.00	0.05-0.07	6.6-7.8	0- 2	LOW	.17	5	2	2.0- 4.0
		4-10	20-35	1.25-1.40	0.60- 2.00	0.14-0.16	7.4-7.8	0- 2	MODER	.28			1.0- 3.0
		10-16	20-30	1.25-1.40	0.60- 2.00	0.14-0.16	7.9-8.4	0- 2	MODER	.32			0.5- 1.0
		16-60	10-20	1.30-1.45	2.00- 6.00	0.11-0.13	7.9-8.4	0- 2	LOW	.32			0.0- 0.5
	NODEN	0- 9	8-15	1.25-1.35	2.00- 6.00	0.11-0.13	6.6-7.3	-	LOW	.32	5	3	1.0- 3.0
		9-16	20-35	1.25-1.40	0.60- 2.00	0.14-0.16	6.6-7.8	-	MODER	.37			0.0- 0.5
		16-60	8-15	1.35-1.50	0.60- 2.00	0.14-0.16	7.4-7.8	0- 2	LOW	.37			0.0- 0.5
		60-70	15-25	1.25-1.40	0.60- 2.00	0.16-0.18	7.4-7.8	0- 2	LOW	.37			0.0- 0.5
062	RAUZI	0- 8	10-20	1.25-1.35	2.00- 6.00	0.13-0.15	6.6-7.8	-	LOW	.28	5	3	1.0- 3.0
		8-24	20-35	1.25-1.35	0.60- 2.00	0.14-0.16	6.6-7.8	-	MODER	.32			0.5- 2.0
		24-40	10-24	1.35-1.45	0.60- 6.00	0.11-0.13	7.4-8.4	-	LOW	.24			0.0- 0.5
		40-60	10-24	1.35-1.45	0.60- 6.00	0.11-0.13	7.9-8.4	0- 2	LOW	.24			0.0- 0.5

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