

Soils Inventory Report

ROCKY KNIPPLING

Map Unit Symbol	Acres	Percent
DeD	5.9	0%
GhA	150	7%
GkB	876.5	40%
HgB	136.1	6%
HmA	525.7	24%
JbE	20.3	1%
La	129.2	6%
MoA	88.5	4%
Mp	180.8	8%
Oa	12.2	1%
OdB	23.2	1%
Pa	10.4	0%
ReA	54.3	2%
W	0.8	0%
Total:	2213.9	

FARM AND RANCH
 TABLE OF SOIL INTERPRETIVE GROUPS
Buffalo County

Map Symbol	Soil Mapping Unit Name	Component Name	Slope %	Cropland Capability Unit	Forage Suitability Group	Eco.Site Description	Cons. Tree/Shrub Group	Other	
								K	I
DeD	DELMONT LOAM, 6 TO 15 PERCENT SLOPES		6 - 15	Vle5	NS	SwG	10	0.28	48
GhA	GLENHAM LOAM, 0 TO 3 PERCENT SLOPES		0 - 3	Ilc2	F	Si	3	0.28	48
GkB	GLENHAM-JAVA LOAMS, 3 TO 6 PERCENT SLOPES	GLENHAM	3 - 6	Ile2	F	Si	3	0.28	48
		JAVA	3 - 6	Ille12	G	Si	8	0.28	48
HgB	HIGHMORE-JAVA COMPLEX, 1 TO 5 PERCENT SLOPES	HIGHMORE	1 - 5	Ile1	F	Si	3	0.32	48
		JAVA	2 - 5	Ille12	G	Si	8	0.28	48
HmA	HIGHMORE-MOBRIDGE SILT LOAMS, 0 TO 4 PERCENT SLOPES	HIGHMORE	0 - 4	Ilc2	F	Si	3	0.32	48
		MOBRIDGE	0 - 2	Ilc3	K	LOv	1	0.28	48
JbE	JAVA-BETTS LOAMS, 9 TO 20 PERCENT SLOPES	JAVA	9 - 20	Vle3	G	Si	8	0.28	48
		BETTS	9 - 20	Vle3	G	TU	8	0.28	86
La	LANE SILTY CLAY LOAM		0 - 2	Ils1	E	Cy	3	0.37	86
MoA	MOBRIDGE SILT LOAM		0 - 2	Ilc3	K	LOv	1	0.28	48

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Mp	MOBRIDGE-PLANKINTON SILT LOAMS	MOBRIDGE	0 - 2	IIc3	K	LOv	1	0.28	48
		PLANKINTON	0 - 1	IVw1	B2	CD	10	0.37	48
Oa	OAHE LOAM, 0 TO 2 PERCENT SLOPES		0 - 2	IIIs2	D1	Si	6G	0.28	48
OdB	OAHE-DELMONT LOAMS, 2 TO 6 PERCENT SLOPES	OAHE	2 - 6	IIle6	D1	Si	6G	0.28	48
		DELMONT	2 - 6	IVe6	D2	SwG	6G	0.28	48
Pa	PLANKINTON SILT LOAM		0 - 1	IVw1	B2	CD	10	0.37	48
ReA	REE LOAM, 0 TO 3 PERCENT SLOPES		0 - 3	IIc2	F	Si	3	0.28	48
w	WATER < 40 ACRES		-	0	0		0	0.00	0

Interpretive Grouping	LAND USES AND SOILS INFORMATION ON YOUR OPERATING UNIT
	Crop
IIc2	Deep, and moderately deep, loamy, well drained soils on nearly level (0 to 2%) uplands. Moisture is inadequate in most years and these soils have slight to moderate wind erosion hazard.
IIc3	Deep, loamy, well to moderately well drained soils in upland swales that receive beneficial moisture. However, moisture is still inadequate in most years.
IIe1	Deep and moderately deep, loamy soils on gently sloping (2 to 6%) uplands. They have moderate wind and water erosion hazards
IIIe12	Deep and moderately deep, loamy soils with limy subsoils on gently undulating and gently sloping (2 to 6%) uplands. They have moderate to severe wind and water erosion hazards.
IIIe6	Soils with 20 to 40 inches of loamy material over sand and gravel on gently sloping (2 to 6%) uplands. The porous substrata limits water storage capacity and rooting depths. These soils have moderate wind and water erosion hazards.
IIIs2	Soils with 20 to 40 inches of loamy material over sand and gravel on nearly level (0 to 2%) uplands. The porous substrata limits water storage capacity and rooting depth. These soils have a moderate wind erosion hazard.
IIIs1	Deep, well to moderately well drained soils with loamy to clayey surfaces and clayey or claypan subsoils. Slopes are nearly level (0 to 2%). Clay subsoils limits rooting, water intake, and moisture release to plants. These soils have a moderate wind erosion hazard.
IVe6	Soils with 10 to 20 inches of loamy material over sand and gravel on gently sloping (2 to 6%) , uplands. The porous substrata limits rooting and water storage capacity. These soils have moderate wind and water erosion hazards.
IVw1	Deep, loamy, poorly drained, soils on bottom lands and in depressions. An intermittent water table, occasional flooding, or salinity severely limits use.
VIe3	Deep and moderately deep, loamy soils on rolling to hilly (9 to 25%) uplands and eroded soils on rolling (6 to 15%) uplands. These soils have thin surface layers and severe wind and water erosion hazards. They are not suited for cultivated crops.

Interpretive Grouping	LAND USES AND SOILS INFORMATION ON YOUR OPERATING UNIT
Vle5	<p>Crop</p> <p>Moderately deep and shallow soils with 10 to 30 inches of loamy material over sand and gravel on sloping to hilly (6 to 25%) uplands. The porous substrata limits rooting and moisture storage capacity. These soils have severe water and wind erosion hazards. They are not suited for cultivation.</p>