Erodible Land Index
Survey Area: MT051 - Liberty County, Montana
0=DATA NOT AVAILABLE Y=HIGHLY ERODIBLE P=POTENTIALLY HIGHLY ERODIBLE N=NOT HIGHLY ERODIBLE

			Wind		Water		
			C-80	C-90	R-25	R-30	R-35
SSA	mu_sym	muname	Hel	Hel	Hel	Hel	Hel
MT051	5A	McKenzie clay, 0 to 1 percent slopes	Y	Y	N	N	N
MT051	12C	Beaverton gravelly loams, 2 to 8 percent slopes	Y	Y	N	N	N
MT051	14C	Brockway silt loam, 2 to 8 percent slopes	Y	Y	N	N	N
MT051	15E	Lambeth silt loam, 8 to 25 percent slopes	Y	Y	Y	Y	Y
MT051	15F	Lambeth silt loam, 25 to 70 percent slopes	Y	Y	Y	Y	Y
MT051	16B	Degrand fine sandy loam, 0 to 4 percent slopes	Y	Y	N	N	N
MT051	18E	Yawdim silty clay, 8 to 25 percent slopes	Y	Y	Y	Y	Y
MT051	21E	Cabbart-Delpoint loams, 8 to 25 percent slopes	Y	Y	Y	Y	Y
MT051	22F	Hillon loam, 25 to 60 percent slopes	Y	Y	Y	Y	Y
MT051	23B	Acel silty clay loam, 0 to 4 percent slopes	N	N	N	N	N
MT051	24B	Farnuf loam, 0 to 4 percent slopes	N	Y	N	N	N
MT051	27B	Attewan loam, 0 to 4 percent slopes	Y	Y	N	N	N
MT051	28A	Nishon clay loam, 0 to 1 percent slopes	N	Y	N	N	N
MT051	30B	Marvan silty clay, 0 to 4 percent slopes	Y	Y	N	N	N
MT051	30C	Marvan silty clay, 4 to 8 percent slopes	Y	Y	N	N	N
MT051	32B	Kobase silty clay loam, 0 to 4 percent slopes	Y	Y	N	N	N
MT051	32C	Kobase silty clay loam, 4 to 8 percent slopes	Y	Y	N	N	N
MT051	34A	Linnet clay, 0 to 2 percent slopes	Y	Y	N	N	N
MT051	35B	Assinniboine fine sandy loam, 0 to 4 percent slopes	Y	Y	N	N	N
MT051	36C	Chinook fine sandy loam, 2 to 8 percent slopes	Y	Y	N	N	N
MT051	37B	Evanston loam, 0 to 4 percent slopes	N	Y	N	N	N
MT051	37C	Evanston loam, 4 to 8 percent slopes	N	Y	N	N	N
MT051	38B	Ethridge silty clay loam, 0 to 4 percent slopes	N	N	N	N	N
MT051	39C	Lisk sandy loam, 2 to 8 percent slopes	Y	Y	N	N	N
MT051	39E	Lisk sandy loam, 8 to 25 percent slopes	Y	Y	N	N	N
MT051	41C	Reeder loam, 2 to 8 percent slopes	Y	Y	N	N	N
MT051	43B	Marmarth loam, 0 to 4 percent slopes	Y	Y	N	N	N
MT051	47B	Marias silty clay, 0 to 4 percent slopes	Y	Y	N	N	N
MT051	51F	Elve very cobbly loam, 25 to 60 percent slopes	Y	Y	N	N	Y
MT051	54B	Lawther clay, 0 to 4 percent slopes	Y	Y	N	N	N
MT051	54C	Lawther clay, 4 to 8 percent slopes	Y	Y	N	N	N
MT051	58B	Lonna silty clay loam, 0 to 4 percent slopes	Y	Y	N	N	N
MT051	58C	Lonna silty clay loam, 4 to 8 percent slopes	Y	Y	N	N	N
MT051	60A	Havre clay loam, 0 to 1 percent slopes	N	Y	N	N	N

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			Wind		Water		
			C-80	C-90	R-25	R-30	R-35
SSA	mu_sym	muname	Hel	Hel	Hel	Hel	Hel
MT051	63B	Nunemaker silty clay loam, 0 to 4 percent slopes	Y	Y	N	N	N
MT051	63C	Nunemaker silty clay loam, 4 to 8 percent slopes	Y	Y	N	N	N
MT051	64D	Barkof clay, 4 to 15 percent slopes	Y	Y	N	N	N
MT051	67B	Bearpaw clay loam, 0 to 4 percent slopes	N	Y	N	N	N
MT051	67C	Bearpaw clay loam, 4 to 8 percent slopes	N	Y	N	N	N
MT051	69C	Vida clay loam, 2 to 8 percent slopes	N	Y	N	N	N
MT051	71D	Roy complex, 8 to 15 percent slopes	N	Y	N	N	N
MT051	71F	Roy gravelly clay loam, 15 to 45 percent slopes	Y	Y	N	Y	Y
MT051	72F	Zahill clay loam, 25 to 60 percent slopes	Y	Y	Y	Y	Y
MT051	75C	Benz clay loam, 2 to 8 percent slopes	Y	Y	N	N	N
MT051	77D	Tinsley gravelly sandy loam, 4 to 15 percent slopes	Y	Y	N	N	N
MT051	77F	Tinsley gravelly sandy loam, 15 to 70 percent slopes	Y	Y	N	N	Y
MT051	79B	Yamacall loam, 0 to 4 percent slopes	N	Y	N	N	N
MT051	82B	Savage silty clay loam, 0 to 4 percent slopes	N	N	N	N	N
MT051	86C	Work clay loam, 2 to 8 percent slopes	N	Y	N	N	N
MT051	87C	Tamaneen complex, 2 to 8 percent slopes	Y	Y	N	N	N
MT051	88C	Perma gravelly loam, 2 to 8 percent slopes	Y	Y	N	N	N
MT051	88E	Perma gravelly loam, 8 to 25 percent slopes	Y	Y	N	N	N
MT051	90A	Harlake silty clay, 0 to 1 percent slopes	Y	Y	N	N	N
MT051	92D	Sunburst clay loam, 8 to 15 percent slopes	Y	Y	N	N	N
MT051	92F	Sunburst clay loam, 15 to 45 percent slopes	Y	Y	Y	Y	Y
MT051	94C	Busby fine sandy loam, 2 to 8 percent slopes	Y	Y	N	N	N
MT051	94E	Busby fine sandy loam, 8 to 25 percent slopes	Y	Y	N	Y	Y
MT051	98C	Kremlin loam, 2 to 8 percent slopes	N	Y	N	N	N
MT051	100F	Rubble land	0	0	0	0	0
MT051	115B	Thoeny-Elloam complex, 0 to 4 percent slopes	N	Y	N	N	N
MT051	171C	Delpoint-Cabbart loams, 2 to 8 percent slopes	Y	Y	N	N	N
MT051	190B	Hedstrom fine sandy loam, 0 to 4 percent slopes	Y	Y	N	N	N
MT051	200F	Badland	0	0	0	0	0
MT051	201D	Cabba-Wayden complex, 4 to 15 percent slopes	Y	Y	Y	Y	Y
MT051	201F	Cabba-Wayden-Rock outcrop complex, 15 to 60 percent slopes	Y	Y	Y	Y	Y
MT051	211E	Cabbart-Yawdim complex, 8 to 25 percent slopes	Y	Y	Y	Y	Y
MT051	211F	Cabbart-Yawdim-Rock outcrop complex, 25 to 70 percent	Y	Y	Y	Y	Y
MT051	221E	Hillon-Kevin clay loams, 8 to 25 percent slopes	Y	Y	N	Y	Y

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			Wind		Water		
			C-80	C-90	R-25	R-30	R-35
SSA	mu_sym	muname	Hel	Hel	Hel	Hel	Hel
MT051	224B	Hillon-Joplin complex, 0 to 4 percent slopes	Y	Y	N	N	N
MT051	224E	Hillon-Joplin loams, 8 to 25 percent slopes	Y	Y	N	Y	Y
MT051	225F	Hillon-Cabbart-Yawdim complex, 25 to 70 percent slopes	Y	Y	Y	Y	Y
MT051	261C	Auchard-Williams complex, 2 to 8 percent slopes	Y	Y	N	N	N
MT051	271D	Beaverell-Tinsley complex, 4 to 15 percent slopes	Y	Y	N	N	N
MT051	272C	Attewan-Tinsley complex, 2 to 8 percent slopes	Y	Y	N	N	N
MT051	301C	Marvan-Vanda complex, 2 to 8 percent slopes	Y	Y	N	N	N
MT051	302B	Marvan clay, 0 to 4 percent slopes	Y	Y	N	N	N
MT051	304B	Marvan-Joplin, complex, 0 to 4 percent slopes	Y	Y	N	N	N
MT051	306D	Marvan-Yawdim-Cabbart complex, 4 to 15 percent slopes	Y	Y	N	Y	Y
MT051	311B	Ferd-Creed-Gerdrum complex, 0 to 4 percent slopes	N	Y	N	N	N
MT051	321B	Kobase silty clay loam, calcareous, 0 to 4 percent	Y	Y	N	N	N
MT051	321C	Kobase silty clay loam, calcareous, 4 to 8 percent	Y	Y	N	N	N
MT051	323B	Sagedale silty clay, 0 to 4 percent slopes	Y	Y	N	N	N
MT051	323C	Sagedale silty clay, 4 to 8 percent slopes	Y	Y	N	N	N
MT051	331B	Phillips-Elloam complex, 0 to 4 percent slopes	Y	Y	N	N	N
MT051	351B	Kenilworth-Fortbenton fine sandy loams, 0 to 4 percent slopes	Y	Y	N	N	N
MT051	363B	Cozberg-Chinook fine sandy loams, 0 to 4 percent slopes	Y	Y	N	N	N
MT051	368C	Fortbenton-Hillon complex, 2 to 8 percent slopes	Y	Y	N	N	N
MT051	385B	Ethridge-Kobase complex, 0 to 4 percent slopes	Y	Y	N	N	N
MT051	401C	Gerdrum-Yamacall loams, 2 to 8 percent slopes	N	Y	N	N	N
MT051	421C	Joplin-Hillon loams, 2 to 8 percent slopes	Y	Y	N	N	N
MT051	441C	Kevin-Hillon clay loams, 2 to 8 percent slopes	Y	Y	N	N	N
MT051	442C	Kevin-Elloam clay loams, 2 to 8 percent slopes	N	Y	N	N	N
MT051	445E	Kevin-Hillon-Nishon complex, 0 to 25 percent slopes	N	Y	N	N	N
MT051	471B	Marias-Kobase complex, 0 to 4 percent slopes	Y	Y	N	N	N
MT051	491B	Enbar-Nesda loams, 0 to 4 percent slopes	Y	Y	N	N	N
MT051	493B	Enbar-Bigsandy-Korchea loams, 0 to 4 percent slopes	N	Y	N	N	N
MT051	503B	Telstad-Joplin loams, 0 to 4 percent slopes	N	Y	N	N	N
MT051	503C	Telstad-Joplin loams, 4 to 8 percent slopes	N	Y	N	N	N
MT051	512F	Elve-Rubble land complex, 25 to 60 percent slopes	Y	Y	N	N	Y
MT051	521C	Elloam-Absher complex, 2 to 8 percent slopes	N	N	N	N	N
MT051	531C	Turner-Beaverton complex, 2 to 8 percent slopes	Y	Y	N	N	N
MT051	561B	Scobey-Kevin clay loams, 0 to 4 percent slopes	N	Y	N	N	N

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			Wind		Water		
			C-80	C-90	R-25	R-30	R-35
SSA	mu_sym	muname	Hel	Hel	Hel	Hel	Hel
MT051	561C	Scobey-Kevin clay loams, 4 to 8 percent slopes	N	Y	N	N	N
MT051	601A	Havre-Glendive, complex, 0 to 2 percent slopes	Y	Y	N	N	N
MT051	603B	Thibadeau loam, 0 to 4 percent slopes	Y	Y	N	N	N
MT051	605C	Yamacall-Havre loams, 0 to 8 percent slopes	Y	Y	N	N	N
MT051	631B	Nunemaker silty clay loam, calcareous, 0 to 4 percent slopes	Y	Y	N	N	N
MT051	631C	Nunemaker silty clay loam, calcareous, 4 to 8 percent slopes	Y	Y	N	N	N
MT051	661C	Twilight-Blacksheep fine sandy loams, 2 to 8 percent slopes	Y	Y	N	N	N
MT051	671C	Bearpaw-Vida-Nishon clay loams, 0 to 8 percent slopes	N	Y	N	N	N
MT051	673B	Bearpaw-Daglum clay loams, 0 to 4 percent slopes	N	Y	N	N	N
MT051	691D	Vida-Williams complex, 4 to 15 percent slopes	N	Y	N	N	N
MT051	692D	Vida-Bearpaw clay loams, 4 to 15 percent slopes	N	Y	N	N	N
MT051	693D	Vida-Bearpaw-Nishon clay loams, 0 to 15 percent slopes	N	Y	N	N	N
MT051	695C	Vida-Zahill clay loams, 2 to 8 percent slopes	N	Y	N	N	N
MT051	695E	Vida-Zahill clay loams, 8 to 25 percent slopes	N	Y	N	N	N
MT051	702F	Winspect-Winspect, cool-Rock outcrop complex, 25 to 60 percent slopes	Y	Y	Y	Y	Y
MT051	712E	Roy-Barkof complex, 8 to 25 percent slopes	Y	Y	Y	Y	Y
MT051	712F	Roy-Barkof-Rock outcrop complex, 25 to 60 percent slopes	Y	Y	Y	Y	Y
MT051	723F	Zahill-Cabba complex, 15 to 45 percent slopes	Y	Y	Y	Y	Y
MT051	781C	Creed-Weingart complex, 2 to 8 percent slopes	Y	Y	N	N	N
MT051	791B	Yamacall loam, calcareous, 0 to 4 percent slopes	Y	Y	N	N	N
MT051	801C	Williams-Vida complex, 4 to 8 percent slopes	N	Y	N	N	N
MT051	812A	Glendive-Havre, complex, 0 to 2 percent slopes	Y	Y	N	N	N
MT051	882F	Perma-Whitlash gravelly loams, 25 to 70 percent slopes	Y	Y	Y	Y	Y
MT051	892F	Whitlash-Rock outcrop complex, 25 to 70 percent slopes	Y	Y	Y	Y	Y
MT051	901B	Williams-Vida complex	N	Y	N	N	N
MT051	952F	Dast-Rock outcrop complex, 15 to 45 percent slopes	Y	Y	Y	Y	Y
MT051	DA	Denied access	0	0	0	0	0
MT051	DAM	Dam	0	0	0	0	0
MT051	W	Water	0	0	0	0	0
MT051	801B	Williams-Vida complex, 0 to 4 percent slopes	N	Y	N	N	N

HIGHLY ERODIBLE MAP UNIT LISTING
SURVEY NUMBER 051 SURVEY NAME LIBERTY COUNTY
0=DATA NOT AVAILABLE Y=HIGHLY ERODIBLE P=POTENTIALLY HIGHLY ERODIBLE N=NOT HIGHLY ERODIBLE

Superseded by HEL Map Unit List Dated June 2009 Per FOTG Notice 194 dated 6/11/09 RG

MUID	MAP SYMBOL	SOIL NAME	%	WIND C 80 HEL CLASS	WIND C 90 HEL CLASS	WATER R 25 HEL CLASS	WATER R 30 HEL CLASS	WATER R 35 HEL CLASS
051005A	005A	MCKENZIE	1 100	Y	Y	N	N	N
051012C	012C	BEAVERTON	1 100	Y	Y	N	N	N
051014C	014C	BROCKWAY	1 100	Y	Y	N	N	N
051015E	015E	LAMBETH	1 100	Y	Y	P	P	P
051015F	015F	LAMBETH	1 100	Y	Y	P	P	Y
051016B	016B	DEGRAND	1 100	Y	Y	N	N	N
051018E	018E	YAWDIM	1 100	Y	Y	P	P	P
051021E	021E	CABBART	1 50*	Y	Y	P	P	P
051021E	021E	DELPOINT	2 35*	Y	Y	P	P	P
051022F	022F	HILLON	1 100	Y	Y	P	P	Y
051023B	023B	ACEL	1 100	N	N	N	N	N
051024B	024B	FARNUF	1 100	N	Y	N	N	N
051027B	027B	ATTEWAN	1 100	Y	Y	N	N	N
051028A	028A	NISHON	1 100	N	Y	N	N	N
051030B	030B	MARVAN	1 100	Y	Y	N	N	N
051030C	030C	MARVAN	1 100	Y	Y	N	N	N
051032B	032B	KOBAR	1 100	Y	Y	N	N	N
051032C	032C	KOBAR	1 100	Y	Y	N	N	N
051034A	034A	LINNET	1 100	Y	Y	N	N	N
051035B	035B	ASSINNIBOINE	1 100	Y	Y	N	N	N
051036C	036C	CHINOOK	1 100	Y	Y	N	N	N
051037B	037B	EVANSTON	1 100	N	Y	N	N	N
051037C	037C	EVANSTON	1 100	N	Y	N	N	N
051038B	038B	ETHRIDGE	1 100	N	N	N	N	N
051039C	039C	LISK	1 100	Y	Y	N	N	N
051039E	039E	LISK	1 100	Y	Y	P	P	P
051041C	041C	REEDER	1 100	Y	Y	N	P	P
051043B	043B	MARMARTH	1 100	Y	Y	N	N	N

*These are undifferentiated or highly variable map units. Percent of the soil component in this unit will vary from field to field. The determination of the actual composition requires on-site investigation.

SURVEY NAME LIBERTY COUNTY

MUID	MAP SYMBOL	SOIL NAME	*	%	WIND C 80 HEL CLASS	WIND C 90 HEL CLASS	WATER R 25 HEL CLASS	WATER R 30 HEL CLASS	WATER R 35 HEL CLASS
051047B	047B	MARIAS	1	100	Y	Y	N	N	N
051051F	051F	ELVE	1	100	Y	Y	P	P	P
051054B	054B	LAWTHER	1	100	Y	Y	N	N	N
051054C	054C	LAWTHER	1	100	Y	Y	N	N	N
051058B	058B	LONNA	1	100	Y	Y	N	N	N
051058C	058C	LONNA	1	100	Y	Y	N	N	N
051060A	060A	HAVRE	1	100	N	Y	N	N	N
051063B	063B	NUNEMAKER	1	100	Y	Y	N	N	N
051063C	063C	NUNEMAKER	1	100	Y	Y	N	N	N
051064D	064D	BARKOF	1	100	Y	Y	P	P	P
051067B	067B	BEARPAW	1	100	N	Y	N	N	N
051067C	067C	BEARPAW	1	100	N	Y	N	N	N
051069C	069C	VIDA	1	100	N	Y	N	N	N
051071D	071D	ROY	1	60*	Y	Y	N	N	P
051071D	071D	ROY	2	30*	Y	Y	N	N	N
051071F	071F	ROY	1	100	Y	Y	P	P	P
051072F	072F	ZAHILL	1	100	Y	Y	P	P	P
051075C	075C	BENZ	1	100	Y	Y	N	N	N
051077D	077D	TINSLEY	1	100	Y	Y	N	N	P
051077F	077F	TINSLEY	1	100	Y	Y	P	P	P
051079B	079B	YAMAC	1	100	N	Y	N	N	N
051082B	082B	SAVAGE	1	100	N	N	N	N	N
051086C	086C	WORK	1	100	N	Y	N	N	N
051087C	087C	TAMANEEN	1	60*	Y	Y	N	N	N
051087C	087C	TAMANEEN	2	30*	Y	Y	N	N	N
051088C	088C	PERMA	1	100	Y	Y	N	N	N
051088E	088E	PERMA	1	100	Y	Y	P	P	P
051090A	090A	HARLEM	1	100	Y	Y	N	N	N
051092D	092D	SUNBURST	1	100	Y	Y	P	P	P
051092F	092F	SUNBURST	1	100	Y	Y	P	P	P
051094C	094C	BUSBY	1	100	Y	Y	N	N	N
051094E	094E	BUSBY	1	100	Y	Y	P	P	P

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SURVEY NAME LIBERTY COUNTY

MUID	MAP SYMBOL	SOIL NAME	*	%	WIND C 80 HEL CLASS	WIND C 90 HEL CLASS	WATER R 25 HEL CLASS	WATER R 30 HEL CLASS	WATER R 35 HEL CLASS
051098C	098C	KREMLIN	1	100	N	Y	N	N	N
051100F	100F	RUBBLELAND	1	100	0	0	0	0	0
051115B	115B	THOENY	1	65*	N	Y	N	N	N
051115B	115B	ELLOAM	2	30*	N	N	N	N	N
051171C	171C	DELPOINT	1	50*	Y	Y	N	N	P
051171C	171C	CABBART	2	40*	Y	Y	P	P	P
051190B	190B	HEDSTROM	1	100	Y	Y	N	N	N
051200F	200F	BADLAND	1	100	0	0	0	0	0
051201D	201D	CABBA	1	45*	Y	Y	P	P	P
051201D	201D	WAYDEN	2	40*	Y	Y	P	P	P
051201F	201F	CABBA	1	40*	Y	Y	P	Y	Y
051201F	201F	WAYDEN	2	35*	Y	Y	Y	Y	Y
051201F	201F	ROCK OUTCROP	3	20*	0	0	0	0	0
051211E	211E	CABBART	1	50*	Y	Y	P	P	P
051211E	211E	YAWDIM	2	40*	Y	Y	P	P	P
051211F	211F	CABBART	1	40*	Y	Y	Y	Y	Y
051211F	211F	YAWDIM	2	35*	Y	Y	Y	Y	Y
051211F	211F	ROCK OUTCROP	3	20*	0	0	0	0	0
051221E	221E	HILLON	1	55*	Y	Y	P	P	P
051221E	221E	KEVIN	2	40*	N	Y	P	P	P
051224B	224B	HILLON	1	55*	Y	Y	N	N	N
051224B	224B	JOPLIN	2	40*	Y	Y	N	N	N
051224E	224E	HILLON	1	65*	Y	Y	P	P	P
051224E	224E	JOPLIN	2	30*	N	Y	P	P	P
051225F	225F	HILLON	1	40*	Y	Y	P	P	Y
051225F	225F	CABBART	2	30*	Y	Y	Y	Y	Y
051225F	225F	YAWDIM	3	20*	Y	Y	Y	Y	Y
051261C	261C	AUCHARD	1	45*	Y	Y	N	N	P
051261C	261C	WILLIAMS	2	40*	N	Y	N	N	N
051271D	271D	BEAVERELL	1	50*	Y	Y	P	P	P
051271D	271D	TINSLEY	2	40*	Y	Y	N	N	P
051272C	272C	ATTEWAN	1	50*	Y	Y	N	N	P

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SURVEY NAME LIBERTY COUNTY

MUID	MAP SYMBOL	SOIL NAME	*	%	WIND C 80 HEL CLASS	WIND C 90 HEL CLASS	WATER R 25 HEL CLASS	WATER R 30 HEL CLASS	WATER R 35 HEL CLASS
051272C	272C	TINSLEY	2	40*	Y	Y	N	N	N
051301C	301C	MARVAN	1	65*	Y	Y	N	N	N
051301C	301C	VANDA	2	30*	Y	Y	N	N	N
051302B	302B	MARVAN	1	100	Y	Y	N	N	N
051304B	304B	MARVAN	1	50*	Y	Y	N	N	N
051304B	304B	JOPLIN	2	40*	N	Y	N	N	N
051306D	306D	MARVAN	1	45*	Y	Y	N	N	N
051306D	306D	YAWDIM	2	25*	Y	Y	P	P	P
051306D	306D	CABBART	3	20*	Y	Y	P	P	P
051311B	311B	FERD	1	40*	N	Y	N	N	N
051311B	311B	CREED	2	35*	N	Y	N	N	N
051311B	311B	GERDRUM	3	20*	N	N	N	N	N
051321B	321B	KOBAR	1	100	Y	Y	N	N	N
051321C	321C	KOBAR	1	100	Y	Y	N	N	N
051323B	323B	SAGEDALE	1	100	Y	Y	N	N	N
051323C	323C	SAGEDALE	1	100	Y	Y	N	N	N
051331B	331B	PHILLIPS	1	60*	Y	Y	N	N	N
051331B	331B	ELLOAM	2	30*	N	N	N	N	N
051351B	351B	KENILWORTH	1	60*	Y	Y	N	N	N
051351B	351B	FORTBENTON	2	35*	Y	Y	N	N	N
051363B	363B	COZBERG	1	50*	Y	Y	N	N	N
051363B	363B	CHINOOK	2	40*	Y	Y	N	N	N
051368C	368C	FORTBENTON	1	55*	Y	Y	N	N	N
051368C	368C	HILLON	2	35*	Y	Y	N	N	N
051385B	385B	ETHRIDGE	1	55*	N	N	N	N	N
051385B	385B	KOBAR	2	35*	Y	Y	N	N	N
051401C	401C	GERDRUM	1	45*	N	N	N	N	N
051401C	401C	YAMAC	2	40*	N	Y	N	N	N
051421C	421C	JOPLIN	1	55*	N	Y	N	N	N
051421C	421C	HILLON	2	40*	Y	Y	N	N	N
051441C	441C	KEVIN	1	55*	N	Y	N	N	N
051441C	441C	HILLON	2	35*	Y	Y	N	N	N

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SURVEY NAME LIBERTY COUNTY

MUID	MAP SYMBOL	SOIL NAME	*	%	WIND C 80 HEL CLASS	WIND C 90 HEL CLASS	WATER R 25 HEL CLASS	WATER R 30 HEL CLASS	WATER R 35 HEL CLASS
051442C	442C	KEVIN	1	55*	N	Y	N	N	N
051442C	442C	ELLOAM	2	35*	N	N	N	N	N
051445E	445E	KEVIN	1	45*	N	Y	P	P	P
051445E	445E	HILLON	2	25*	Y	Y	P	P	P
051445E	445E	NISHON	3	20*	N	Y	N	N	N
051471B	471B	MARIAS	1	50*	Y	Y	N	N	N
051471B	471B	KOBAR	2	40*	Y	Y	N	N	N
051491B	491B	ENBAR	1	50*	N	Y	N	N	N
051491B	491B	NESDA	2	40*	Y	Y	N	N	N
051493B	493B	ENBAR	1	40*	N	Y	N	N	N
051493B	493B	BIG SANDY	2	30*	N	Y	N	N	N
051493B	493B	KORCHEA	3	20*	N	Y	N	N	N
051503B	503B	TELSTAD	1	50*	N	Y	N	N	N
051503B	503B	JOPLIN	2	40*	N	Y	N	N	N
051503C	503C	TELSTAD	1	50*	N	Y	N	N	N
051503C	503C	JOPLIN	2	40*	N	Y	N	N	N
051512F	512F	ELVE	1	50*	Y	Y	P	P	P
051512F	512F	RUBBLELAND	2	40*	0	0	0	0	0
051521C	521C	ELLOAM	1	60*	N	N	N	N	N
051521C	521C	ABSHER	2	35*	N	N	N	N	N
051531C	531C	TURNER	1	50*	Y	Y	N	N	N
051531C	531C	BEAVERTON	2	40*	Y	Y	N	N	N
051561B	561B	SCOBEY	1	50*	N	Y	N	N	N
051561B	561B	KEVIN	2	40*	N	Y	N	N	N
051561C	561C	SCOBEY	1	50*	N	Y	N	N	N
051561C	561C	KEVIN	2	40*	N	Y	N	N	N
051601A	601A	HAVRE	1	50*	Y	Y	N	N	N
051601A	601A	GLENDIVE	2	40*	Y	Y	N	N	N
051603B	603B	HAVRE	1	100	Y	Y	N	N	N
051605C	605C	YAMAC	1	50*	N	Y	N	N	N
051605C	605C	HAVRE	2	40*	Y	Y	N	N	N
051631B	631B	NUNEMAKER	1	100	Y	Y	N	N	N

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SURVEY NAME LIBERTY COUNTY

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051631C	631C	NUNEMAKER	1	100	Y	Y	N	N	N
051661C	661C	TWILIGHT	1	55*	Y	Y	N	N	N
051661C	661C	BLACKHALL	2	30*	Y	Y	N	N	N
051671C	671C	BEARPAW	1	45*	N	Y	N	N	N
051671C	671C	VIDA	2	35*	N	Y	N	N	N
051671C	671C	NISHON	3	15*	N	Y	N	N	N
051673B	673B	BEARPAW	1	65*	N	Y	N	N	N
051673B	673B	DAGLUM	2	30*	N	Y	N	N	N
051691D	691D	VIDA	1	55*	N	Y	P	P	P
051691D	691D	WILLIAMS	2	35*	N	Y	N	N	N
051692D	692D	VIDA	1	50*	N	Y	P	P	P
051692D	692D	BEARPAW	2	40*	N	Y	N	N	N
051693D	693D	VIDA	1	45*	N	Y	P	P	P
051693D	693D	BEARPAW	2	30*	N	Y	N	N	N
051693D	693D	NISHON	3	15*	N	Y	N	N	N
051695C	695C	VIDA	1	65*	N	Y	N	N	N
051695C	695C	ZAHILL	2	30*	Y	Y	N	N	N
051695E	695E	VIDA	1	65*	N	Y	P	P	P
051695E	695E	ZAHILL	2	30*	Y	Y	P	P	P
051702F	702F	WINSPECT	1	40*	Y	Y	P	P	P
051702F	702F	WINSPECT	2	30*	Y	Y	P	P	P
051702F	702F	ROCK OUTCROP	3	20*	0	0	0	0	0
051712E	712E	ROY	1	50*	Y	Y	P	P	P
051712E	712E	BARKOF	2	40*	Y	Y	P	P	P
051712F	712F	ROY	1	45*	Y	Y	P	P	P
051712F	712F	BARKOF	2	35*	Y	Y	Y	Y	Y
051712F	712F	ROCK OUTCROP	3	15*	0	0	0	0	0
051723F	723F	ZAHILL	1	55*	Y	Y	P	P	P
051723F	723F	CABBA	2	35*	Y	Y	P	Y	Y
051781C	781C	CREED	1	50*	N	Y	N	N	N
051781C	781C	WEINGART	2	40*	Y	Y	P	P	P
051791B	791B	YAMAC	1	100	Y	Y	N	N	N

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SURVEY NAME LIBERTY COUNTY

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051801C	801C	WILLIAMS	1	55*	N	Y	N	N	N
051801C	801C	VIDA	2	35*	N	Y	N	N	N
051812A	812A	GLENDIVE	1	50*	Y	Y	N	N	N
051812A	812A	HAVRE	2	35*	Y	Y	N	N	N
051882F	882F	PERMA	1	60*	Y	Y	P	P	Y
051882F	882F	WHITLASH	2	30*	Y	Y	Y	Y	Y
051892F	892F	WHITLASH	1	60*	Y	Y	Y	Y	Y
051892F	892F	ROCK OUTCROP	2	30*	0	0	0	0	0
051901B	901B	WILLIAMS	1	55*	N	Y	N	N	N
051901B	901B	VIDA	2	35*	N	Y	N	N	N
051952F	952F	DAST	1	60*	Y	Y	P	P	P
051952F	952F	ROCK OUTCROP	2	30*	0	0	0	0	0
051DA	DA	DENIED ACCESS	1	100	0	0	0	0	0
051W	W	WATER	1	100	0	0	0	0	0

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