Approved
State Soil Scientist
5/20/09

TECHNICA 'IDE
SE N II
CROPLAND INTERPRE ATION

Erodible Land Index
Survey Area: MT651-Sanders and Parts of Lincoln and Flathead Co.s, MT
0=DATA NOT AVAILABLE Y=HIGHLY ERODIBLE P=POTENTIALLY HIGHLY ERODIBLE N=NOT HIGHLY ERODIBLE

		Wind		Water		
		C - 20	C - 30	R - 20	R - 30	R - 40
mu_sym	muname	Hel	Hel	Hel	Hel	Hel
1A	Grantsdale silt loam, 0 to 4 percent slopes	N	N	N	N	N
2B	Moiese gravelly loam, 0 to 4 percent slopes	N	Y	N	N	N
3B	Gird silt loam, 4 to 8 percent slopes	N	N	N	N	N
4A*	Lamoose loam, 0 to 2 percent slopes, moist	N*	N*	N*	N*	N*
5B	Whitearth silt loam, 0 to 4 percent slopes	N	N	N	N	N
6B	Sacheen loamy fine sand, dry, 2 to 8 percent slopes	N	Y	N	N	N
6E	Sacheen loamy fine sand, dry, 8 to 30 percent slopes	N	Y	N	N	N
7B	Jocko gravelly loam, 0 to 4 percent slopes	N	N	N	N	N
8A	Hewolf gravelly loam, 0 to 2 percent slopes	N	N	N	N	N
9A	Lamoose silt loam, 0 to 2 percent slopes	N	N	N	N	N
10A	Bohnly silt loam, 0 to 2 percent slopes	Y	Y	N	N	N
11A	Bolack silt loam, 0 to 2 percent slopes	N	N	N	N	N
12A	Marklepass silty clay loam, 0 to 2 percent slopes	N	N	N	N	N
13A	Round Butte silty clay loam, 0 to 2 percent slopes	N	N	N	N	N
13B	Round Butte silty clay loam, 2 to 8 percent slopes	N	N	N	N	N
14A	Belton silt loam, 0 to 2 percent slopes	N	N	N	N	N
14B	Belton silt loam, 2 to 8 percent slopes	N	N	N	N	N
14D	Belton silt loam, 8 to 15 percent slopes	N	N	Y	Y	Y
14E	Belton silt loam, 15 to 35 percent slopes	N	N	Y	Y	Y
15B	Lonepine silt loam, 2 to 8 percent slopes	N	N	N	N	N
15D	Lonepine-Vincom silt loams, 4 to 15 percent slopes	N	N	N	N	N
17B	Kerrdam silt loam, 0 to 4 percent slopes	N	N	N	N	N
17D	Kerrdam silt loam, 4 to 15 percent slopes	N	N	N	N	N
17E	Kerrdam silt loam, 15 to 35 percent slopes	N	N	Y	Y	Y
18B	Dryfork silt loam, 0 to 4 percent slopes	N	N	N	N	N
19F	Vincom silt loam, 35 to 60 percent slopes	N	N	Y	Y	Y
20E	Winkler gravelly loam, 15 to 35 percent slopes	N	N	Y	Y	Y
20F	Winkler gravelly loam, 35 to 60 percent slopes	N	N	Y	Y	Y
20G	Winkler-Rubble land complex, 40 to 70 percent slopes	N	N	Y	Y	Y

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		Wind		Water		
		C - 20	C - 30	R - 20	R - 30	R - 40
mu_sym	muname	Hel	Hel	Hel	Hel	Hel
21B	Totelake gravelly loam, 2 to 8 percent slopes	N	N	N	N	N
22E	Winkler gravelly sandy loam, cool, 15 to 35 percent slopes	N	N	N	N	Y
22F	Winkler gravelly sandy loam, cool, 35 to 60 percent slopes	N	N	Y	Y	Y
22G	Winkler, cool-Rubble land complex, 40 to 70 percent slopes	N	N	Y	Y	Y
23D	Yourame gravelly loam, 4 to 15 percent slopes	N	N	N	N	N
23E	Yourame gravelly loam, 15 to 30 percent slopes	N	N	N	N	Y
23F	Yourame gravelly loam, 30 to 50 percent slopes	N	N	Y	Y	Y
24E	Repp gravelly loam, 15 to 35 percent slopes	N	N	N	Y	Y
24F	Repp gravelly loam, 35 to 60 percent slopes	N	N	Y	Y	Y
25D	Wildgen gravelly loam, 4 to 15 percent slopes	N	N	N	N	N
25E	Wildgen gravelly loam, 15 to 30 percent slopes	N	N	N	N	N
25F	Wildgen gravelly loam, 30 to 50 percent slopes	N	N	N	Y	Y
26F	Repp gravelly loam, cool, 35 to 60 percent slopes	N	N	Y	Y	Y
27D	Wildgen gravelly loam, dry, 4 to 15 percent slopes	N	N	N	N	N
27E	Wildgen gravelly loam, dry, 15 to 30 percent slopes	N	N	N	N	N
27F	Wildgen gravelly loam, dry, 30 to 50 percent slopes	N	N	N	Y	Y
28E	Eaglewing gravelly loam, 8 to 30 percent slopes	N	N	N	N	Y
28F	Eaglewing gravelly loam, 30 to 50 percent slopes	N	N	Y	Y	Y
29F	Yourame gravelly loam, dry, 30 to 50 percent slopes	N	N	Y	Y	Y
30E	Tevis gravelly loam, 15 to 35 percent slopes	N	N	N	Y	Y
30F	Tevis gravelly loam, 35 to 60 percent slopes	N	N	Y	Y	Y
30G	Tevis-Rubble land complex, 40 to 70 percent slopes	N	N	Y	Y	Y
31E	Tevis gravelly loam, dry, 15 to 35 percent slopes	N	N	N	Y	Y
31F	Tevis gravelly loam, dry, 35 to 60 percent slopes	N	N	Y	Y	Y
32E	Mitten gravelly ashy silt loam, 15 to 35 percent slopes	N	Y	N	Y	Y
32F	Mitten gravelly ashy silt loam, 35 to 60 percent slopes	N	Y	Y	Y	Y
32G	Mitten-Rubble land complex, 40 to 70 percent slopes	N	Y	Y	Y	Y
33E	Mitten gravelly ashy silt loam, dry, 15 to 35 percent slopes	N	Y	N	Y	Y
33F	Mitten gravelly ashy silt loam, dry, 35 to 60 percent slopes	N	Y	Y	Y	Y

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		Wind		Water		
		C - 20	C - 30	R - 20	R - 30	R - 40
mu_sym	muname	Hel	Hel	Hel	Hel	Hel
34E	Winfall gravelly loam, 8 to 30 percent slopes	N	N	N	N	N
34F	Winfall gravelly loam, 30 to 50 percent slopes	N	N	Y	Y	Y
35E	Courville gravelly ashy silt loam, 8 to 30 percent slopes	N	N	N	N	N
35F	Courville gravelly ashy silt loam, 30 to 50 percent slopes	N	N	Y	Y	Y
36D	Rumblecreek gravelly loam, 4 to 15 percent slopes	N	N	N	N	N
36E	Rumblecreek gravelly loam, 15 to 30 percent slopes	N	N	N	N	Y
37D	Rumblecreek gravelly loam, dry, 4 to 15 percent slopes	N	N	N	N	N
37E	Rumblecreek gravelly loam, dry, 15 to 30 percent slopes	N	N	N	N	Y
37F	Rumblecreek gravelly loam, dry, 30 to 50 percent slopes	N	N	Y	Y	Y
39F	Beeskove gravelly loam, 35 to 60 percent slopes	N	N	Y	Y	Y
40E	Holloway gravelly ashy silt loam, 15 to 35 percent slopes	N	N	N	N	Y
40F	Holloway gravelly ashy silt loam, 35 to 60 percent slopes	N	N	Y	Y	Y
40G	Holloway-Rubble land complex, 40 to 70 percent slopes	N	N	Y	Y	Y
41D	Typic Udifluvents	0	0	0	0	0
42E	Holloway gravelly ashy silt loam, cool, 15 to 35 percent slopes	N	N	N	Y	Y
42F	Holloway gravelly ashy silt loam, cool, 35 to 60 percent slopes	N	N	Y	Y	Y
42G	Holloway, cool-Rock outcrop complex, 40 to 70 percent slopes	N	N	Y	Y	Y
43E	Waldbillig gravelly ashy silt loam, 8 to 30 percent slopes	N	N	N	N	N
43F	Waldbillig gravelly ashy silt loam, 30 to 50 percent slopes	N	N	N	N	Y
44D	Waldbillig gravelly ashy silt loam, cool, 4 to 15 percent slopes	N	N	N	N	N
45D	Phillcher gravelly ashy silt loam, 8 to 30 percent slopes	N	N	N	N	N
45G	Phillcher-Rock outcrop complex, 40 to 70 percent slopes	N	N	Y	Y	Y
46F	Felan gravelly ashy silt loam, 35 to 60 percent slopes	N	N	Y	Y	Y
50B	Bigarm gravelly loam, 2 to 8 percent slopes	N	N	N	N	N
50D	Bigarm gravelly loam, 8 to 15 percent slopes	N	N	N	N	N
50E	Bigarm gravelly loam, 15 to 30 percent slopes	N	N	N	N	N
50F	Bigarm cobbly loam, 30 to 60 percent slopes	N	N	N	Y	Y
51A*	Horseplains-Riverwash complex, 0 to 2 percent slopes	Y*	Y*	N*	N*	N*
52D	Bigarm gravelly loam, cool, 4 to 15 percent slopes	N	N	N	N	N

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		Wind		Water		
		C - 20	C - 30	R - 20	R - 30	R - 40
mu_sym	muname	Hel	Hel	Hel	Hel	Hel
52E	Bigarm gravelly loam, cool, 15 to 30 percent slopes	N	N	N	N	N
52F	Bigarm cobbly loam, cool, 30 to 60 percent slopes	N	N	N	Y	Y
53F	Hogsby-Rubble land-Rock outcrop complex, 15 to 60 percent slopes	Y	Y	Y	Y	Y
54E	Finleypoint gravelly loam, 15 to 30 percent slopes	N	N	N	N	N
54F	Finleypoint gravelly loam, 30 to 60 percent slopes	N	N	N	N	Y
55D	Niarada gravelly loam, 4 to 15 percent slopes	N	N	N	N	N
55E	Niarada gravelly loam, 15 to 30 percent slopes	N	N	N	N	N
55F	Niarada gravelly loam, 30 to 60 percent slopes	N	N	N	Y	Y
56A	Bowlake gravelly loam, 0 to 2 percent slopes	N	N	N	N	N
56B	Bowlake-Minesinger gravelly loams, 2 to 8 percent slopes	N	N	N	N	N
57D	Minesinger gravelly loam, 4 to 15 percent slopes	N	N	N	N	N
57E	Minesinger stony loam, 15 to 30 percent slopes	N	N	N	N	Y
58B	McDonald silt loam, 2 to 8 percent slopes	N	N	N	N	N
58D	McDonald silt loam, 8 to 15 percent slopes	N	N	N	N	N
58E	McDonald silt loam, 15 to 30 percent slopes	N	N	N	Y	Y
59D	Minesinger gravelly loam, cool, 4 to 15 percent slopes, stony	N	N	N	N	N
59E	Minesinger stony loam, cool, 15 to 30 percent slopes	N	N	N	N	Y
59F	Minesinger stony loam, cool, 30 to 50 percent slopes	N	N	Y	Y	Y
60D	Niarada gravelly loam, cool, 4 to 15 percent slopes	N	N	N	N	N
60E	Niarada gravelly loam, cool, 15 to 30 percent slopes	N	N	N	N	N
60F	Niarada gravelly loam, cool, 30 to 60 percent slopes	N	N	N	Y	Y
61E	Flott gravelly loam, 8 to 30 percent slopes	N	N	N	N	Y
61F	Flott gravelly loam, 30 to 50 percent slopes	N	N	N	Y	Y
62F	Flott gravelly loam, dry, 30 to 50 percent slopes	N	N	N	Y	Y
64E	Finleypoint gravelly loam, moist, 15 to 30 percent slopes	N	N	N	N	N
64F	Finleypoint gravelly loam, moist, 30 to 60 percent slopes	N	N	N	Y	Y
66F	Battlebutte gravelly loam, 30 to 60 percent slopes	N	Y	Y	Y	Y
67D	Koyokee gravelly loam, 4 to 15 percent slopes	N	N	N	N	N
67E	Koyokee gravelly loam, 15 to 30 percent slopes	N	N	N	N	Y

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		Wind		Water		
		C - 20	C - 30	R - 20	R - 30	R - 40
mu_sym	muname	Hel	Hel	Hel	Hel	Hel
69B	Meadowpass gravelly loam, 2 to 8 percent slopes	N	N	N	N	N
70B	Half Moon silt loam, 2 to 8 percent slopes	N	N	N	N	N
70D	Half Moon silt loam, 8 to 15 percent slopes	N	N	N	N	N
70E	Half Moon silt loam, 15 to 30 percent slopes	N	N	Y	Y	Y
72B	Connah Variant, 2 to 8 percent slopes	N	N	N	N	N
80F	Sharrott-Rubble land-Rock outcrop complex, 15 to 60 percent slopes	Y	Y	Y	Y	Y
82F	Sharrott, cool-Rock outcrop-Rubble land complex, 15 to 60 percent slopes	Y	Y	Y	Y	Y
84E	Lozeau gravelly loam, 8 to 30 percent slopes	N	N	N	Y	Y
84F	Lozeau gravelly loam, 30 to 50 percent slopes	N	N	Y	Y	Y
85A	Hogheaven silt loam, 0 to 2 percent slopes	N	N	N	N	N
87E	Pashua gravelly loam, 8 to 30 percent slopes	N	N	N	Y	Y
90A	Camascreek silt loam, 0 to 2 percent slopes	N	N	N	N	N
91B	Biglake gravelly loam, 0 to 8 percent slopes	N	Y	N	N	N
92B	McCollum, 2 to 4 percent slopes	N	N	N	N	N
93A	Horseplains fine sandy loam, 0 to 2 percent slopes	N	N	N	N	N
94A	Revais silt loam, 0 to 2 percent slopes	N	N	N	N	N
95A	Gardencreek silty clay loam, 0 to 2 percent slopes	N	N	N	N	N
96A	Clearcreek silt loam, 0 to 2 percent slopes	N	N	N	N	N
97C	Remount very gravelly loam, 2 to 12 percent slopes	N	N	N	N	N
97E	Remount very gravelly loam, 12 to 25 percent slopes	N	N	N	N	N
98C	Doglake extremely cobbly loam, 2 to 12 percent slopes	N	N	N	N	N
99A*	McLangor-Meadowpeak complex, 0 to 2 percent slopes	N*	N*	N*	N*	N*
101	Rock outcrop-Rubble land complex	0	0	0	0	0
102D	Yourame gravelly loam, dry, 4 to 15 percent slopes	N	N	N	N	N
103B	Gird-McCollum complex, 0 to 4 percent slopes	N	N	N	N	N
105B	Whitearth-Slickspots complex, 2 to 8 percent slopes	N	N	N	N	N
106D	Sacheen-Duneland complex, 4 to 15 percent slopes	Y	Y	N	N	N
112A	Marklepass-Slickspots complex, 0 to 4 percent slopes	N	N	N	N	N
113D	Round Butte-Irvine silty clay loams, 4 to 15 percent slopes	N	N	Y	Y	Y

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		Wind		Water		
		C - 20	C - 30	R - 20	R - 30	R - 40
mu_sym	muname	Hel	Hel	Hel	Hel	Hel
116E	Irvine-Round Butte silty clay loams, 8 to 35 percent slopes	N	N	Y	Y	Y
116F	Irvine-Lake sediment outcrop complex, 35 to 60 percent slopes	N	N	Y	Y	Y
117E	Kerrdam-Dryfork-Vincom silt loams, 8 to 35 percent slopes	N	N	N	Y	Y
118B	Dryfork-Selow silt loams, 0 to 4 percent slopes	N	N	N	N	N
118D	Dryfork-Kerrdam silt loams, 4 to 15 percent slopes	N	N	N	N	N
119E	Vincom-Lonepine silt loams, 15 to 35 percent slopes	N	N	Y	Y	Y
119F	Vincom-Lake sediment outcrop complex, 35 to 60 percent slopes	N	N	Y	Y	Y
120G	Winkler-Sharrott-Rubble land complex, 40 to 85 percent slopes	N	N	Y	Y	Y
120G	Winkler-Sharrott-Rubble land complex, 40 to 85 percent slopes	Y	Y	Y	Y	Y
122E	Winkler, cool-Rock outcrop-Sharrott, cool complex, 8 to 40 percent slopes	Y	Y	Y	Y	Y
123D	Yourame-Wildgen gravelly loams, 8 to 30 percent slopes	N	N	N	N	N
123E	Mocmont-Winkler complex, 8 to 35 percent slopes	N	N	N	N	N
126G	Repp-Rock outcrop complex, 40 to 70 percent slopes	N	N	Y	Y	Y
132F	Mitten-Tevis complex, 35 to 60 percent slopes	N	Y	Y	Y	Y
134E	Winfall-Courville complex, 8 to 30 percent slopes	N	N	N	N	N
138E	Winfall-Courville complex, dry, 8 to 30 percent slopes	N	N	Y	Y	Y
143E	Waldbillig-Holloway gravelly ashy silt loams, 8 to 30 percent slopes	N	N	N	N	N
143F	Holloway-Waldbillig gravelly ashy silt loams, 30 to 50 percent slopes	N	N	N	Y	Y
144E	Waldbillig-Holloway gravelly ashy silt loams, cool, 8 to 30 percent slopes	N	N	N	Y	Y
144F	Holloway-Waldbillig gravelly ashy silt loams, cool, 30 to 50 percent slopes	N	N	Y	Y	Y
150E	Bigarm-Hogsby-Rock outcrop complex, 8 to 30 percent slopes	N	N	N	N	N
150F	Bigarm-Hogsby-Rock outcrop complex, 30 to 60 percent slopes	N	N	N	Y	Y
151A*	Revais silt loam, gravelly substratum, 0 to 2 percent slopes	N*	N*	N*	N*	N*
152E	Bigarm, cool-Hogsby-Rock outcrop complex, 8 to 30 percent slopes	N	N	N	N	N
152F	Bigarm, cool-Hogsby-Rock outcrop complex, 30 to 60 percent slopes	N	N	Y	Y	Y
153F	Hogsby-Finleypoint-Rock outcrop complex, 30 to 60 percent slopes	Y	Y	Y	Y	Y
166E	Battlebutte-Bigdraw-Rock outcrop, welded tuff complex, 15 to 30 percent slopes	N	Y	Y	Y	Y
166F	Battlebutte-Welded tuff outcrop complex, 30 to 60 percent slopes	N	Y	Y	Y	Y
168D	Bigdraw-Battlebutte gravelly loams, 4 to 15 percent slopes	N	Y	N	N	N

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		C - 20	C - 30	R - 20	R - 30	R - 40
mu_sym	muname	Hel	Hel	Hel	Hel	Hel
197C	Remount-Bowlake complex, 2 to 12 percent slopes	N	N	N	N	N
200	Riverwash	0	0	0	0	0
206E	Sacheen, 15 to 30 percent slopes	N	Y	N	N	N
213A	Round Butte-Selow complex, 0 to 2 percent slopes	N	N	N	N	N
213B	Round Butte-Selow complex, 2 to 8 percent slopes	N	N	N	N	N
215B	Lonepine-Round Butte complex, 2 to 8 percent slopes	N	N	N	N	N
217E	Kerrdam-Round Butte-Irvine complex, 8 to 35 percent slopes	N	N	Y	Y	Y
218D	Dryfork-Selow silt loams, 4 to 15 percent slopes	N	N	N	N	N
250E	Bigarm-Rubble land complex, 15 to 30 percent slopes	N	N	N	N	N
250F	Bigarm-Rubble land complex, 30 to 60 percent slopes	N	N	N	Y	Y
251A*	Horseplains fine sandy loam, gravelly substratum, 0 to 2 percent slopes	Y*	Y*	N*	N*	N*
252E	Bigarm, cool-Rubble land complex, 15 to 30 percent slopes	N	N	N	N	Y
252F	Bigarm, cool-Rubble land complex, 30 to 60 percent slopes	N	N	Y	Y	Y
254F	Finleypoint-Rubble land complex, 30 to 60 percent slopes	N	N	N	Y	Y
266E	Battlebutte-Bigdraw gravelly loams, 15 to 30 percent slopes	N	Y	Y	Y	Y
292B	McCollum fine sandy loam, 0 to 4 percent slopes	N	N	N	N	N
366E	Battlebutte-Bigdraw gravelly loams, moist, 8 to 30 percent slopes	N	Y	Y	Y	Y
366F	Battlebutte-Bigdraw gravelly loams, moist, 30 to 60 percent slopes	N	Y	Y	Y	Y
513A	Sonyok silty clay loam, 0 to 4 percent slopes	N	N	N	N	N
3A	Gird silt loam, 0 to 4 percent slopes	N	N	N	N	N
6A	Murrstead mucky peat, 0 to 2 percent slopes	N	N	N	N	N
12C	Auggie silt loam, 2 to 8 percent slopes	N	N	N	N	N
12E	Auggie silt loam, 8 to 30 percent slopes	N	N	N	Y	Y
21D	Totelake gravelly loam, 8 to 15 percent slopes	N	N	N	N	N
21E	Combest gravelly ashy silt loam, 15 to 35 percent slopes	N	N	Y	Y	Y
21F	Combest gravelly ashy silt loam, 35 to 60 percent slopes	N	N	Y	Y	Y
22C	Courville gravelly ashy silt loam, 2 to 8 percent slopes	N	N	N	N	N
24B	Dubay silt loam, 0 to 4 percent slopes	N	N	N	N	N
24D	Dubay silt loam, 4 to 15 percent slopes	N	N	N	N	N

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		C - 20	C - 30	R - 20	R - 30	R - 40
mu_sym	muname	Hel	Hel	Hel	Hel	Hel
28B	Bemishave ashy loam, 0 to 4 percent slopes	N	N	N	N	N
29E	Yourame gravelly loam, dry, 15 to 30 percent slopes	N	N	N	N	Y
34C	Krause gravelly ashy silt loam, 2 to 8 percent slopes	N	Y	N	N	N
35C	McCollum fine sandy loam, 4 to 8 percent slopes	N	N	N	N	N
36F	Rumblecreek gravelly loam, 30 to 50 percent slopes	N	N	Y	Y	Y
41B	Oldtrail-Glaciercreek-Larchpoint complex, 0 to 8 percent slopes	N	N	N	N	N
41C	Sacheen loamy fine sand, 2 to 8 percent slopes	N	Y	N	N	N
41E	Sacheen loamy fine sand, 8 to 30 percent slopes	N	Y	N	N	N
41F	Sacheen loamy fine sand, 30 to 60 percent slopes	N	Y	Y	Y	Y
42B	Selon fine sandy loam, 0 to 4 percent slopes	N	N	N	N	N
42D	Selon fine sandy loam, 4 to 15 percent slopes	N	N	N	N	N
47C	Elkrock cobbly ashy silt loam, 2 to 6 percent slopes, stony	N	N	N	N	N
47D	Elkrock gravelly ashy silt loam, 4 to 15 percent slopes	N	N	N	N	N
47E	Petty gravelly ashy loam, 8 to 30 percent slopes	N	N	N	N	N
47F	Petty gravelly ashy loam, 30 to 50 percent slopes	N	N	Y	Y	Y
47G	Petty-Rubble land complex, 40 to 70 percent slopes	N	N	Y	Y	Y
48C	Ashworth gravelly ashy silt loam, 2 to 8 percent slopes	N	N	N	N	N
48E	Ashworth gravelly ashy silt loam, 8 to 30 percent slopes	N	N	N	N	Y
48F	Ashworth gravelly ashy silt loam, 30 to 50 percent slopes	N	N	Y	Y	Y
54C	Yellowbay gravelly loam, 2 to 8 percent slopes	N	Y	N	N	N
55B	Yourame gravelly loam, 0 to 4 percent slopes	N	N	N	N	N
58F	Waldbillig gravelly ashy silt loam, moist, 30 to 50 percent slopes	N	N	Y	Y	Y
60B	Bonnash gravelly ashy silt loam, 0 to 4 percent slopes	N	N	N	N	N
61B	Scotmont ashy fine sandy loam, 0 to 4 percent slopes	N	N	N	N	N
61D	Scotmont ashy fine sandy loam, 4 to 15 percent slopes	N	N	N	N	N
62B	Beaverdump ashy gravelly loam, 0 to 4 percent slopes	N	N	N	N	N
62D	Beaverdump gravelly ashy loam, 4 to 15 percent slopes	N	N	N	N	N
64B	Lionwood ashy loam, 0 to 4 percent slopes	N	N	N	N	N
65A	Larchpoint silt loam, 0 to 2 percent slopes	N	N	N	N	N

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Erodible Land Index
Survey Area: MT651-Sanders and Parts of Lincoln and Flathead Co.s, MT
0=DATA NOT AVAILABLE Y=HIGHLY ERODIBLE P=POTENTIALLY HIGHLY ERODIBLE N=NOT HIGHLY ERODIBLE

		Wind		Water		
		C - 20	C - 30	R - 20	R - 30	R - 40
mu_sym	muname	Hel	Hel	Hel	Hel	Hel
66A	Bigbeaver silt loam, 0 to 2 percent slopes	N	N	N	N	N
67C	Glaciercreek gravelly ashy silt loam, cool, 0 to 8 percent slopes	Y	Y	N	N	N
68C	Upsata gravelly ashy silt loam, 2 to 8 percent slopes	N	Y	N	N	N
68E	Upsata gravelly ashy silt loam, 8 to 30 percent slopes	N	Y	Y	Y	Y
68F	Upsata gravelly ashy silt loam, 30 to 60 percent slopes	N	Y	Y	Y	Y
69C	Tamarack ashy loam, 2 to 8 percent slopes	N	N	N	N	N
71D	Loonlake gravelly ashy silt loam, 4 to 15 percent slopes	N	N	N	N	N
71E	Loonlake gravelly ashy silt loam, 15 to 30 percent slopes	N	N	N	N	Y
72A	Blacklake mucky peat, 0 to 1 percent slopes	N	N	N	N	N
72B	Millpocket silty clay loam, 2 to 8 percent slopes	N	N	N	N	N
73A	Meadowpeak silt loam, 0 to 2 percent slopes	N	N	N	N	N
74A	Blackcreek silt loam, 0 to 2 percent slopes	N	N	N	N	N
75B	Tallcreek ashy silt loam, 0 to 4 percent slopes	N	N	N	N	N
76E	Felan gravelly ashy silt loam, moist, 15 to 35 percent slopes	N	N	N	Y	Y
76F	Felan gravelly ashy silt loam, moist, 35 to 60 percent slopes	N	N	Y	Y	Y
77D	Beeskove gravelly loam, moist, 4 to 15 percent slopes	N	N	N	N	N
77E	Beeskove gravelly loam, moist, 15 to 35 percent slopes	N	N	N	Y	Y
77F	Beeskove gravelly loam, moist, 35 to 60 percent slopes	N	N	Y	Y	Y
78B	Fernline ashy silt loam, 0 to 4 percent slopes	N	N	N	N	N
78D	Fernline ashy silt loam, 4 to 15 percent slopes	N	N	N	N	N
81E	Noxlin ashy silt loam, 8 to 35 percent slopes, stony	N	N	Y	Y	Y
82B	Bignell gravelly loam, 0 to 4 percent slopes	N	N	N	N	N
82D	Bignell gravelly loam, 4 to 15 percent slopes	N	N	N	N	N
82E	Bignell gravelly loam, 15 to 35 percent slopes	N	N	N	Y	Y
83B	Backroad gravelly ashy silt loam, 0 to 4 percent slopes	N	N	N	N	N
83D	Backroad gravelly ashy silt loam, 4 to 15 percent slopes	N	N	N	N	N
85B	Whitepine ashy silt loam, 0 to 4 percent slopes	N	N	N	N	N
85D	Whitepine ashy silt loam, 4 to 15 percent slopes	N	N	N	N	N
86C	Bata gravelly ashy silt loam, 2 to 8 percent slopes	N	N	N	N	N

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Erodible Land Index
Survey Area: MT651-Sanders and Parts of Lincoln and Flathead Co.s, MT
0=DATA NOT AVAILABLE Y=HIGHLY ERODIBLE P=POTENTIALLY HIGHLY ERODIBLE N=NOT HIGHLY ERODIBLE

		Wind		Water		
		C - 20	C - 30	R - 20	R - 30	R - 40
mu_sym	muname	Hel	Hel	Hel	Hel	Hel
86E	Bata gravelly ashy silt loam, 8 to 30 percent slopes	N	N	N	N	N
87F	Stevie gravelly ashy silt loam, 35 to 60 percent slopes	N	N	Y	Y	Y
88C	Dewberry ashy silt loam, 2 to 8 percent slopes	N	N	N	N	N
88E	Dewberry gravelly ashy silt loam, 8 to 45 percent slopes	N	N	N	Y	Y
89B	Iffgulch clay, 0 to 4 percent slopes	N	N	N	N	N
89E	Selway gravelly sandy loam, 8 to 30 percent slopes	N	N	N	N	N
91D	Stargulch ashy very fine sandy loam, 4 to 15 percent slopes	N	N	N	N	N
92C	Oldtrail gravelly sandy loam, 0 to 8 percent slopes	N	N	N	N	N
94D	Berray ashy silt loam, 4 to 15 percent slopes	N	N	N	N	N
96D	Courvash cobbly ashy silt loam, 4 to 15 percent slopes	N	N	N	N	N
96E	Courvash cobbly ashy silt loam, 15 to 35 percent slopes	N	N	N	Y	Y
97F	Mollman gravelly loam, 30 to 50 percent slopes	N	N	Y	Y	Y
98E	Bendahl gravelly ashy silt loam, 15 to 30 percent slopes	N	N	N	N	Y
98F	Bendahl gravelly ashy silt loam, 30 to 50 percent slopes	N	N	Y	Y	Y
99C	Lesier gravelly ashy silt loam, 2 to 8 percent slopes	N	N	N	N	N
99E	Lesier gravelly ashy silt loam, 8 to 30 percent slopes	N	N	N	Y	Y
100	Rock outcrop-Rubble land complex	0	0	0	0	0
122G	Winkler, cool-Sharrott, cool-Rubble land complex, 40 to 85 percent slopes	N	N	Y	Y	Y
148C	Bigarm gravelly loam, cool, 2 to 8 percent slopes, very stony	N	N	N	N	N
148E	Bigarm gravelly loam, cool, 8 to 25 percent slopes, very stony	N	N	N	N	N
211G	Combest-Rubble land complex, 40 to 70 percent slopes	N	N	Y	Y	Y
221F	Courville-Rockhill-Rock outcrop complex, 30 to 50 percent slopes	N	N	Y	Y	Y
222F	Courville gravelly ashy silt loam, dry, 30 to 50 percent slopes	N	N	Y	Y	Y
261C	Gird-McCollum complex, 4 to 8 percent slopes	N	N	N	N	N
291B	Half Moon silt loam, cool, 2 to 8 percent slopes	N	N	N	N	N
291D	Half Moon silt loam, cool, 8 to 15 percent slopes	N	N	N	N	N
291E	Half Moon silt loam, cool, 15 to 35 percent slopes	N	N	Y	Y	Y
291F	Half Moon silt loam, cool, 35 to 60 percent slopes	N	N	Y	Y	Y
322E	Holloway gravelly ashy silt loam, moist, 15 to 35 percent slopes	N	N	N	Y	Y

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0=DATA NOT AVAILABLE Y=HIGHLY ERODIBLE P=POTENTIALLY HIGHLY ERODIBLE N=NOT HIGHLY ERODIBLE

		Wind		Water		
		C - 20	C - 30	R - 20	R - 30	R - 40
mu_sym	muname	Hel	Hel	Hel	Hel	Hel
322F	Holloway gravelly ashy silt loam, moist, 35 to 60 percent slopes	N	N	Y	Y	Y
323G	Holloway, moist-Rock outcrop complex, 40 to 70 percent slopes	N	N	Y	Y	Y
341C	Krause very cobbly ashy silt loam, 2 to 8 percent slopes	N	Y	N	N	N
350B	Bigarm gravelly loam, alluvial, 2 to 8 percent slopes	N	N	N	N	N
350D	Bigarm gravelly loam, alluvial, 8 to 15 percent slopes	N	N	N	N	N
350E	Bigarm gravelly loam, alluvial, 15 to 30 percent slopes	N	N	N	N	Y
350F	Bigarm gravelly loam, alluvial, 30 to 50 percent slopes	N	N	N	Y	Y
351C	McCollum-Belton fine sandy loams, 4 to 8 percent slopes	Y	Y	N	N	N
351D	McCollum-Belton fine sandy loams, 8 to 15 percent slopes	N	N	N	N	N
374F	Mitten-Rock outcrop complex, 40 to 70 percent slopes	N	N	Y	Y	Y
392D	Rumblecreek gravelly loam, 8 to 15 percent slopes, stony	N	N	N	N	N
392E	Rumblecreek gravelly loam, 15 to 30 percent slopes, stony	N	N	N	N	Y
411E	Sacheen-Rock outcrop complex, 8 to 30 percent slopes	N	Y	N	N	N
421B	Selon fine sandy loam, moist, 0 to 4 percent slopes	N	N	N	N	N
421D	Selon fine sandy loam, moist, 4 to 15 percent slopes	N	N	N	N	N
421E	Selon fine sandy loam, moist, 15 to 30 percent slopes	N	N	N	N	Y
422F	Selon-Bemishave complex, 15 to 60 percent slopes	N	N	Y	Y	Y
441F	Tevis-Rock outcrop complex, 30 to 60 percent slopes	N	N	Y	Y	Y
471D	Elkrock cobbly ashy silt loam, 4 to 15 percent slopes, extremely bouldery	N	N	N	N	N
472B	Elkrock gravelly ashy silt loam, moist, 0 to 4 percent slopes	N	N	N	N	N
472D	Elkrock gravelly ashy silt loam, moist, 4 to 15 percent slopes	N	N	N	N	N
472F	Elkrock gravelly ashy silt loam, moist, 30 to 60 percent slopes	N	N	Y	Y	Y
473D	Elkrock-Selon complex, 4 to 15 percent slopes	N	N	N	N	N
522F	Winfall-Courville complex, 30 to 60 percent slopes	N	N	Y	Y	Y
532E	Winkler-Sharrott-Rock outcrop complex, 8 to 40 percent slopes	N	N	N	N	Y
541C	Yellowbay gravelly loam, moist, 2 to 8 percent slopes	N	Y	N	N	N
542F	Yellowbay-Selon-Bemishave complex, 15 to 60 percent slopes	N	Y	Y	Y	Y
543F	Yellowbay-Selon-Sacheen complex, 15 to 60 percent slopes	N	Y	Y	Y	Y
582E	Waldbillig-Holloway gravelly ashy silt loams, moist, 15 to 30 percent slopes	N	N	N	Y	Y

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Erodible Land Index
Survey Area: MT651-Sanders and Parts of Lincoln and Flathead Co.s, MT
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		Wind		Water		
		C - 20	C - 30	R - 20	R - 30	R - 40
mu_sym	muname	Hel	Hel	Hel	Hel	Hel
582F	Waldbillig-Holloway gravelly ashy silt loams, moist, 30 to 50 percent slopes	N	N	Y	Y	Y
631E	Rockhill-Mitten-Rock outcrop complex, 8 to 35 percent slopes	Y	Y	Y	Y	Y
632F	Rockhill-Rock outcrop complex, 15 to 60 percent slopes	Y	Y	Y	Y	Y
641D	Lionwood-Scotmont-Whitepine complex, 4 to 15 percent slopes	N	N	N	N	N
641E	Lionwood-Scotmont-Whitepine complex, 15 to 35 percent slopes	N	N	Y	Y	Y
671C	Glaciercreek gravelly ashy silt loam, 2 to 8 percent slopes	N	Y	N	N	N
671E	Glaciercreek gravelly ashy silt loam, 8 to 30 percent slopes	N	Y	Y	Y	Y
691B	Tamarack-Crystalex complex, 0 to 4 percent slopes	N	Y	N	N	N
691D	Tamarack-Crystalex complex, 4 to 15 percent slopes	N	Y	N	N	N
691E	Tamarack-Crystalex complex, 15 to 30 percent slopes	N	Y	Y	Y	Y
691F	Tamarack-Crystalex complex, 30 to 60 percent slopes	N	Y	Y	Y	Y
692B	Tamarack ashy fine sandy loam, 0 to 4 percent slopes	N	N	N	N	N
731A	Meadowpeak-Firetower silt loams, 0 to 2 percent slopes	N	N	N	N	N
732A	Meadowpeak silt loam, 0 to 2 percent slopes, frequently flooded	N	N	N	N	N
741C	Blackcreek silt loam, 0 to 8 percent slopes	N	N	N	N	N
771G	Beeskove-Mollman-Rock outcrop complex, 40 to 80 percent slopes	N	N	Y	Y	Y
781D	Fernline-Cabinet ashy silt loams, 4 to 15 percent slopes	N	N	N	N	N
781E	Fernline-Cabinet ashy silt loams, 15 to 30 percent slopes	N	N	Y	Y	Y
791B	Redlock-Fernline ashy silt loams, 0 to 4 percent slopes	N	N	N	N	N
791D	Redlock-Fernline ashy silt loams, 4 to 15 percent slopes	N	N	N	N	N
791E	Redlock-Fernline ashy silt loams, 15 to 35 percent slopes	N	N	Y	Y	Y
792D	Redlock-Fernline-Iffgulch complex, 0 to 15 percent slopes	N	N	N	N	N
807A	McLangor mucky peat, 0 to 2 percent slopes	N	N	N	N	N
808A	Barzee mucky peat, 0 to 2 percent slopes	N	N	N	N	N
811D	Noxlin-Fernline ashy silt loams, 4 to 15 percent slopes, stony	N	N	N	N	Y
811D	Noxlin-Fernline ashy silt loams, 4 to 15 percent slopes, stony	N	N	N	N	N
821D	Combest gravelly ashy silt loam, 4 to 15 percent slopes	N	N	N	N	N
824E	Dubay silt loam, 15 to 30 percent slopes	N	N	N	Y	Y
834F	Krause gravelly ashy silt loam, 15 to 45 percent slopes	N	Y	Y	Y	Y

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Erodible Land Index
Survey Area: MT651-Sanders and Parts of Lincoln and Flathead Co.s, MT
0=DATA NOT AVAILABLE Y=HIGHLY ERODIBLE P=POTENTIALLY HIGHLY ERODIBLE N=NOT HIGHLY ERODIBLE

		Wind		Water		
		C - 20	C - 30	R - 20	R - 30	R - 40
mu_sym	muname	Hel	Hel	Hel	Hel	Hel
842E	Selon fine sandy loam, 15 to 30 percent slopes	N	N	N	N	Y
842F	Selon fine sandy loam, 30 to 60 percent slopes	N	N	Y	Y	Y
858E	Waldbillig gravelly ashy silt loam, moist, 8 to 30 percent slopes	N	N	N	N	N
860D	Bonnash gravelly ashy silt loam, 4 to 15 percent slopes	N	N	N	N	N
860E	Bonnash gravelly ashy silt loam, 15 to 35 percent slopes	N	N	N	Y	Y
862E	Beaverdump gravelly ashy loam, 15 to 35 percent slopes	N	N	N	Y	Y
867E	Glaciercreek gravelly ashy silt loam, cool, 8 to 30 percent slopes	N	Y	Y	Y	Y
867F	Glaciercreek gravelly ashy silt loam, cool, 30 to 45 percent slopes	N	Y	Y	Y	Y
871G	Stevie-Rock outcrop complex, 40 to 70 percent slopes	N	N	Y	Y	Y
884E	Loneman ashy silt loam, 15 to 35 percent slopes	N	N	Y	Y	Y
884F	Loneman ashy silt loam, 35 to 60 percent slopes	N	N	Y	Y	Y
887E	Stevie gravelly ashy silt loam, 15 to 35 percent slopes	N	N	N	Y	Y
891B	Stargulch ashy very fine sandy loam, 0 to 4 percent slopes	N	N	N	N	N
893A	Bigbeaver silt loam, 0 to 2 percent slopes, frequently flooded	N	N	N	N	N
895A	Ibex silt loam, 0 to 2 percent slopes	N	N	N	N	N
897C	Mollman gravelly loam, 2 to 8 percent slopes	N	N	N	N	N
897E	Mollman gravelly loam, 8 to 30 percent slopes	N	N	N	N	N
941C	Trumancreek-Blackcreek complex, 0 to 8 percent slopes	N	N	N	N	N
971E	Mollman gravelly loam, dry, 15 to 30 percent slopes	N	N	N	N	Y
971F	Mollman gravelly loam, dry, 30 to 50 percent slopes	N	N	Y	Y	Y
DA	Denied access	0	0	0	0	0
DAM	Dam	0	0	0	0	0
W	Water	0	0	0	0	0

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Erodible Land Index
Survey Area: MT618 - Flathead Co. Area and Part of Lincoln Co., MT
0=DATA NOT AVAILABLE Y=HIGHLY ERODIBLE P=POTENTIALLY HIGHLY ERODIBLE

mu_sym	muname				ater - 10 del
15B	Lostprairie-Whitebear complex, 0 to 4 percent slopes				N
17A	Whitebear-Dahlake complex, 0 to 2 percent slopes				
21	Bowlake-Minesinger gravelly loams, 8 to 15 percent slopes				
21D	Combest gravelly ashy silt loam, 4 to 15 percent slopes				
21E	Combest gravelly ashy silt loam, 15 to 35 percent slopes			N	N
21F	Combest gravelly ashy silt loam, 35 to 60 percent slopes	Combest	90	N	Y
22E	Winkler gravelly sandy loam, cool, 15 to 35 percent slopes	Winkler	90	N	N
22F	Winkler gravelly sandy loam, cool, 35 to 60 percent slopes	Winkler	90	N	N
30E	Tevis gravelly loam, 15 to 35 percent slopes	Tevis	90	N	N
30F	Tevis gravelly loam, 35 to 60 percent slopes	Tevis	85	N	N
31E	Tevis gravelly loam, dry, 15 to 35 percent slopes	Tevis	90	N	N
32E	Mitten gravelly ashy silt loam, 15 to 35 percent slopes	Mitten	85	N	N
32F	Mitten gravelly ashy silt loam, 35 to 60 percent slopes	Mitten	90	N	N
33E	Mitten gravelly ashy silt loam, dry, 15 to 35 percent slopes	Mitten	90	N	N
33F	Mitten gravelly ashy silt loam, dry, 35 to 60 percent slopes	Mitten	85	N	N
34E	Winfall gravelly loam, 8 to 30 percent slopes	Winfall	85	N	N
35D	Courville-Winfall complex, 4 to 15 percent slopes	Courville	50	N	N
35E	Courville-Pleasantvalley complex, 8 to 30 percent slopes	Courville	55	N	N
35F	Courville-Stevie-Winfall complex, 30 to 50 percent slopes	Courville	55	N	N
39D	Courville-Rumblecreek complex, 4 to 15 percent slopes	Courville	45	N	N
40D	Rumblecreek-Courville complex, dry, 4 to 15 percent slopes	Rumblecreek	40	N	N
40E	Rumblecreek-Courville complex, dry, 15 to 30 percent slopes	Rumblecreek	40	N	N
41F	Courville, dry-Rumblecreek, dry-Lozeau, deep complex, 30 to 60 percent slopes	Rumblecreek	30	N	N
44D	Mitten gravelly ashy silt loam, dry, 8 to 15 percent slopes	Mitten	90	N	N
45D	Waldbillig gravelly ashy silt loam, 4 to 15 percent slopes	Waldbillig	90	N	N
45E	Waldbillig gravelly ashy silt loam, 15 to 30 percent slopes	Waldbillig	85	N	N
45F	Waldbillig gravelly ashy silt loam, 30 to 60 percent slopes	Waldbillig	85	N	N
47D	Holloway gravelly ashy silt loam, 4 to 15 percent slopes	Holloway	85	N	N
47E	Holloway gravelly ashy silt loam, 15 to 30 percent slopes	Holloway	85	N	N
47F	Holloway gravelly ashy silt loam, 30 to 60 percent slopes	Holloway	85	N	Y
50B	Bigarm gravelly loam, 2 to 8 percent slopes	Bigarm	90	N	N

Erodible Land Index
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0=DATA NOT AVAILABLE Y=HIGHLY ERODIBLE P=POTENTIALLY HIGHLY ERODIBLE N=NOT HIGHLY ERODIBLE

				Wind	Water
				C - 20	R - 10
mu_sym	muname	compname	comppct	Hel	Hel
50D	Bigarm gravelly loam, 8 to 15 percent slopes	Bigarm	90	N	N
50E	Bigarm gravelly loam, 15 to 30 percent slopes	Bigarm	90	N	N
52D	Bigarm gravelly loam, cool, 4 to 15 percent slopes	Bigarm	85	N	N
52E	Bigarm gravelly loam, cool, 15 to 30 percent slopes	Bigarm	90	N	N
54F	Finleypoint gravelly loam, 30 to 60 percent slopes	Finleypoint	85	N	N
56	Finleypoint-Wildgen gravelly loams, 30 to 60 percent slopes	Finleypoint	45	N	N
56B	Bowlake-Minesinger gravelly loams, 2 to 8 percent slopes	Bowlake	60	N	N
57D	Minesinger gravelly loam, 4 to 15 percent slopes	Minesinger	90	N	N
59D	Minesinger gravelly loam, cool, 4 to 15 percent slopes, stony	Minesinger	90	N	N
61E	McMannamy gravelly silt loam, 8 to 30 percent slopes	Mcmannamy	85	N	N
61F	McMannamy gravelly silt loam, 30 to 50 percent slopes	Mcmannamy	80	N	N
64E	Finleypoint gravelly loam, moist, 15 to 30 percent slopes	Finleypoint	85	N	N
66D	Battlebutte gravelly loam, 4 to 15 percent slopes	Battlebutte	90	N	N
66F	Battlebutte gravelly loam, 30 to 60 percent slopes	Battlebutte	90	N	Y
67C	Glaciercreek gravelly ashy silt loam, 0 to 8 percent slopes	Glaciercreek	90	Y	N
69B	Meadowpass gravelly loam, 2 to 8 percent slopes	Meadowpass	85	N	N
70D	Half Moon-Lynchlake, dry complex, 4 to 15 percent slopes	Half moon	40	N	N
71C	Kingspoint gravelly silt loam, outwash substratum, 2 to 8 percent slopes	Kingspoint	90	N	N
71D	Kingspoint gravelly silt loam, 4 to 15 percent slopes	Kingspoint	95	N	N
71E	Kingspoint gravelly silt loam, 15 to 30 percent slopes	Kingspoint	85	N	N
71F	Kingspoint gravelly silt loam, 30 to 50 percent slopes	Kingspoint	80	N	N
72A	Blacklake mucky peat, 0 to 1 percent slopes	Blacklake	85	N	N
74C	Blackcreek-McGregor-Tallcreek complex, 0 to 8 percent slopes	Blackcreek	40	N	N
75B	Tallcreek ashy silt loam, 0 to 4 percent slopes	Tallcreek	90	N	N
80F	Sharrott-Rock outcrop-Winkler complex, 15 to 60 percent slopes	Sharrott	45	Y	Y
81D	Foyslake gravelly silt loam, 4 to 15 percent slopes	Foyslake	80	N	N
81E	Foyslake gravelly silt loam, 15 to 30 percent slopes	Foyslake	80	N	N
81F	Foyslake gravelly silt loam, 30 to 50 percent slopes	Foyslake	80	N	Y
83E	Ashleylake cobbly ashy silt loam, 8 to 30 percent slopes	Ashleylake	75	N	N
83F	Ashleylake-Rock outcrop complex, 30 to 50 percent slopes	Ashleylake	65	N	N
84E	Lozeau gravelly loam, 8 to 30 percent slopes	Lozeau	85	N	N

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				Wind	Water
				C - 20	R - 10
mu_sym	muname	compname	comppct	Hel	Hel
84F	Lozeau gravelly loam, 30 to 50 percent slopes	Lozeau	85	N	N
85C	Kila ashy silt loam, 0 to 8 percent slopes	Kila	85	N	N
86B	Idahocreek silt loam, 0 to 4 percent slopes	Idahocreek	90	N	N
87E	Pashua gravelly loam, 8 to 30 percent slopes	Pashua	90	N	N
88C	Lesier, dry-Glaciercreek complex, 2 to 8 percent slopes	Lesier	75	N	N
90E	Wimper gravelly silt loam, 15 to 30 percent slopes	Wimper	85	N	N
91B	Biglake gravelly loam, 0 to 8 percent slopes	Biglake	90	N	N
92F	Bata gravelly ashy silt loam, 15 to 50 percent slopes	Bata	85	N	N
95D	Wimper cobbly silt loam, 4 to 15 percent slopes	Wimper	80	N	N
99A	McLangor-Meadowpeak complex, 0 to 2 percent slopes	Mclangor	55	N	N
122E	Winkler, cool-Rock outcrop-Sharrott, cool complex, 8 to 40 percent slopes	Winkler	40	N	N
138E	Winfall-Courville complex, dry, 8 to 30 percent slopes	Winfall	50	N	N
150E	Bigarm-Hogsby-Rock outcrop complex, 8 to 30 percent slopes	Bigarm	50	N	N
150F	Bigarm-Hogsby-Rock outcrop complex, 30 to 60 percent slopes	Bigarm	40	N	N
166E	Battlebutte-Bigdraw-Rock outcrop, welded tuff complex, 15 to 30 percent slopes	Battlebutte	50	N	N
166F	Battlebutte-Rock outcrop, welded tuff complex, 30 to 60 percent slopes	Battlebutte	65	N	Y
168D	Bigdraw-Battlebutte gravelly loams, 4 to 15 percent slopes	Bigdraw	60	N	N
201E	Winkler-Combest complex, 8 to 35 percent slopes	Winkler	50	N	N
201F	Winkler-Combest complex, 35 to 60 percent slopes	Winkler	45	N	N
211G	Combest-Sharrott-Rock outcrop complex, 40 to 85 percent slopes	Combest	30	N	Y
221F	Courville-Rockhill-Rock outcrop complex, 30 to 50 percent slopes	Courville	45	N	N
222C	Pleasantvalley-Winfall, dry complex, 2 to 8 percent slopes	Pleasantvalley	50	N	N
222E	Pleasantvalley-Winfall, dry complex, 8 to 30 percent slopes	Pleasantvalley	50	N	N
223E	Pleasantvalley-Winfall, dry-Rock outcrop complex, 8 to 30 percent slopes	Pleasantvalley	40	N	N
223F	Pleasantvalley-Winfall, dry-Rock outcrop complex, 30 to 50 percent slopes	Pleasantvalley	35	N	N
224C	Pleasantvalley-Finleypoint-Lynchlake, dry complex, 2 to 8 percent slopes	Pleasantvalley	30	N	N
224E	Pleasantvalley-Lynchlake, dry-Finleypoint complex, 8 to 30 percent slopes	Pleasantvalley	40	N	N
225F	Pleasantvalley-Courville-Glaciercreek complex, 30 to 50 percent slopes	Pleasantvalley	35	N	N
266E	Battlebutte-Bigdraw gravelly loams, 15 to 30 percent slopes	Battlebutte	55	N	N
273E	Wildgen-Finleypoint-Combest complex, 8 to 30 percent slopes	Wildgen	35	N	N
292B	McCollum fine sandy loam, 0 to 4 percent slopes	Mccollum	85	N	N

Erodible Land Index
Survey Area: MT618 - Flathead Co. Area and Part of Lincoln Co., MT
0=DATA NOT AVAILABLE Y=HIGHLY ERODIBLE P=POTENTIALLY HIGHLY ERODIBLE N=NOT HIGHLY ERODIBLE

				Wind	Water
				C - 20	R - 10
mu_sym	muname	compname	comppct	Hel	Hel
331G	Mitten, dry-Rock outcrop-Rockhill complex, 40 to 70 percent slopes	Mitten	30	N	Y
366E	Battlebutte-Bigdraw gravelly loams, moist, 8 to 30 percent slopes	Battlebutte	50	N	N
366F	Battlebutte-Bigdraw gravelly loams, moist, 30 to 60 percent slopes	Battlebutte	60	N	Y
491C	Wimper-Finleypoint-Haskillpass complex, 2 to 8 percent slopes	Wimper	45	N	N
491E	Wimper-Finleypoint-Haskillpass complex, 8 to 30 percent slopes	Wimper	50	N	N
512D	Perma-Quast-Totelake complex, 4 to 15 percent slopes	Perma	40	N	N
541E	Finleypoint-Haskillpass-Wimper complex, 8 to 30 percent slopes	Finleypoint	50	N	N
542F	Finleypoint-Haskillpass-Rock outcrop complex, 15 to 50 percent slopes	Finleypoint	40	N	N
543D	Finleypoint-Wimper complex, 4 to 15 percent slopes	Finleypoint	50	N	N
633D	Rockhill-Rock outcrop-Pleasantvalley complex, 4 to 15 percent slopes	Rockhill	55	Y	N
633F	Rockhill-Rock outcrop-Pleasantvalley complex, 15 to 50 percent slopes	Rockhill	55	Y	Y
634F	Rockhill-Rock outcrop-Courville complex, 15 to 50 percent slopes	Rockhill	55	Y	Y
671E	Glaciercreek-Pleasantvalley complex, 8 to 30 percent slopes	Glaciercreek	50	Y	N
681C	Tamarack-Crystalex-Glaciercreek complex, dry, 2 to 8 percent slopes	Tamarack	40	N	N
701D	Half Moon, cool-Lynchlake complex, 4 to 15 percent slopes	Half moon	50	N	N
702E	Halfmoon, cool-Halfmoon complex, 8 to 30 percent slopes	Half moon	40	N	N
710E	Kingspoint-McMannamy complex, 8 to 30 percent slopes	Kingspoint	55	N	N
711F	Kingspoint-Rock outcrop-Sharrott complex, 15 to 50 percent slopes	Kingspoint	60	N	N
712E	Kingspoint-Rock outcrop complex, 8 to 30 percent slopes	Kingspoint	70	N	N
732A	Meadowpeak-Blacklake-McGregor complex, 0 to 2 percent slopes	Meadowpeak	55	N	N
741C	Blackcreek silt loam, 0 to 8 percent slopes	Blackcreek	80	N	N
761F	Castner-Wimper-Rock outcrop complex, 15 to 50 percent slopes	Castner	35	Y	Y
807A	McLangor-Barzee mucky peats, 0 to 2 percent slopes	Mclangor	50	N	N
808A	Barzee mucky peat, 0 to 1 percent slopes	Barzee	80	N	N
811F	Foyslake-Rock outcrop complex, 20 to 50 percent slopes	Foyslake	75	N	N
812C	Foyslake-Glaciercreek complex, 2 to 8 percent slopes	Foyslake	80	N	N
831D	Ashleylake-Foyslake-Kila complex, 0 to 15 percent slopes	Ashleylake	50	N	N
835G	Ashleylake-Rock outcrop-Rockhill complex, 40 to 70 percent slopes	Ashleylake	50	N	Y
872E	Pashua-Pashua, deep complex, 8 to 30 percent slopes	Pashua	45	N	N
872F	Pashua-Battlebutte, moist-Rock outcrop, welded tuff complex, 30 to 60 percent slopes	Pashua	55	N	Y
881D	Lesier, dry-Foyslake-Glaciercreek complex, 4 to 15 percent slopes	Lesier	65	N	N

Erodible Land Index
Survey Area: MT618 - Flathead Co. Area and Part of Lincoln Co., MT
0=DATA NOT AVAILABLE Y=HIGHLY ERODIBLE P=POTENTIALLY HIGHLY ERODIBLE N=NOT HIGHLY ERODIBLE

				Wind	Water
				C - 20	R - 10
mu_sym	muname	compname	comppct	Hel	Hel
882C	Lesier, dry-Half Moon, cool complex, 2 to 8 percent slopes	Lesier	50	N	N
901E	Wimper-Castner complex, 8 to 30 percent slopes	Wimper	70	N	N
902F	Wimper-Rock outcrop-Castner complex 15 to 50 percent slopes	Wimper	55	N	N
931G	Repp-Kingspoint-Rock outcrop complex, 40 to 80 percent slopes	Repp	50	N	N
941C	Trumancreek-Foyslake-Blackcreek complex, 0 to 12 percent slopes	Trumancreek	45	N	N
1044D	Eaglewing gravelly silt loam, 8 to 15 percent slopes, lake effect	Eaglewing	85	N	N
1071E	Kingspoint gravelly silt loam, 15 to 30 percent slopes, lake effect	Kingspoint	85	N	N
1081E	Foyslake gravelly silt loam, 15 to 30 percent slopes, lake effect	Foyslake	85	N	N
1710E	Kingspoint-McMannamy complex, 8 to 30 percent slopes, lake effect	Kingspoint	55	N	N
1712E	Kingspoint-Rock outcrop complex, 8 to 30 percent slopes, lake effect	Kingspoint	70	N	N
W	Water	Water	100	0	0

Superseded by HEL Map Unit List Dated 5/09 per FOTG Notice 103 dated 5/1/09 RG

ERODIBLE LAND INDEX
SURVEY NUMBER 617 SURVEY NAME UPPER FLATHEAD VALLE
0=DATA NOT AVAILABLE 1=HIGHLY ERODIBLE 2=POTENTIALLY HIGHLY ERODIBLE 3=NOT HIGHLY ERODIBLE

MUID	MAP SYMBOL	SOIL NAME	X	WIND C 20 HEL CLASS	C 30 HEL CLASS	WATER R 30 HEL CLASS	R 40 HEL CLASS	R 45 HEL CLASS	R 55 HEL CLASS	R 60 HEL CLASS	R 70 HEL CLASS	R 80 HEL CLASS	R 100 HEL CLASS	I VALUE	K VALUE	T VALUE	SLOPE-PERCEN MIN.	SLOPE-PERCEN MAX.	SLOPE-LENGTH MIN.	SLOPE-LENGTH MAX.
617AA	AA	ALLUVIAL LAND	1 100	3	3	3	3	3	3	3	3	3	3	48	.28	5	0	4	25	400
617AB	AB	ALLUVIAL LAND	1 100	3	3	3	3	3	3	3	3	3	3	86	.20	5	0	4	25	400
617BA	BA	BANKS	1 100	3	1	3	3	3	3	3	3	3	3	134	.17	5	0	4	25	400
617BB	BB	BANKS	1 100	3	3	3	3	3	3	3	3	3	3	56	.24	5	0	4	25	400
617BC	BC	BIRCH	1 100	3	1	3	3	3	3	3	3	3	3	86	.20	3	0	5	25	400
617BD	BD	BIRCH	1 100	3	3	3	3	3	3	3	3	3	3	56	.20	3	0	3	25	400
617BE	BE	BLANCHARD	1 100	1	1	3	3	3	3	3	3	3	3	310	.17	5	0	7	25	400
617BF	BF	BLANCHARD	1 100	1	1	3	3	3	3	3	3	3	3	310	.17	5	0	7	25	400
617BG	BG	BLANCHARD	1 100	1	1	3	3	3	3	3	2	2	2	310	.17	5	7	12	25	400
617BH	BH	BLANCHARD	1 100	1	1	3	3	3	3	3	2	2	2	310	.17	5	7	12	25	400
617BK	BK	BLANCHARD	1 100	1	1	2	2	2	2	2	2	2	2	310	.17	5	12	35	25	400
617BM	BM	BLANCHARD	1 100	1	1	2	2	2	2	2	2	2	2	310	.17	5	12	35	25	400
617BN	BN	BLANCHARD	1 100	1	1	3	3	3	3	3	3	3	3	310	.17	5	0	3	25	400
617BO	BO	BLANCHARD	1 100	1	1	3	3	3	3	3	3	3	3	310	.17	5	3	7	25	400
617BP	BP	BLANCHARD	1 100	1	1	2	2	2	2	2	2	2	2	310	.17	5	7	20	25	400
617BR	BR	BLANCHARD	1 100	1	1	2	2	2	2	2	2	2	2	310	.17	5	20	45	25	400
617BS	BS	BLANCHARD	1 100	3	3	3	3	3	3	3	3	2	2	86	.32	5	0	7	25	400
617BT	BT	BLANCHARD	1 100	3	3	3	2	2	2	2	2	2	2	86	.32	5	7	12	25	400
617BU	BU	BLANCHARD	1 100	3	3	2	2	2	2	2	2	2	2	86	.32	5	12	20	25	400
617BV	BV	BLANCHARD	1 100	3	3	2	2	2	2	2	1	1	1	86	.32	5	20	45	25	400
617CA	CA	CHANOKANE	1 100*	3	3	3	3	3	3	3	3	3	3	86	.20	5	0	3	25	400
617CA	CA	CHANOKANE	2 100*	3	3	3	3	3	3	3	3	3	3	56	.32	5	0	3	25	400
617CB	CB	CHANOKANE	1 100*	3	3	3	3	3	3	3	3	3	3	86	.20	5	3	7	25	400
617CB	CB	CHANOKANE	2 100*	3	3	3	3	3	3	3	3	2	2	56	.32	5	3	7	25	400
617CC	CC	CHANOKANE	1 100*	3	3	3	3	3	3	3	3	3	3	86	.20	5	0	4	25	400
617CC	CC	BANKS	2 100*	3	1	3	3	3	3	3	3	3	3	134	.17	5	0	4	25	400
617CD	CD	CORVALLIS	1 100	3	3	3	3	3	3	3	3	3	3	48	.32	5	0	3	25	400
617CE	CE	CRESTON	1 100	3	3	3	3	3	3	3	3	3	3	48	.37	5	0	3	25	400
617CF	CF	CRESTON	1 100	3	3	3	3	3	3	3	2	2	2	48	.37	5	3	7	25	400
617CG	CG	CRESTON	1 100	3	3	2	2	2	2	2	2	2	2	48	.37	5	7	12	25	400
617CH	CH	CRESTON	1 100	3	3	2	2	2	2	2	2	2	2	48	.37	5	12	45	25	400
617DA	DA	DEMERS	1 45*	3	3	3	3	3	3	3	3	3	3	48	.37	5	0	3	25	400
617DA	DA	KALISPELL	2 40*	3	3	3	3	3	3	3	3	3	3	56	.37	5	0	3	25	400
617DB	DB	DEMERS	1 45*	3	3	3	3	3	3	3	2	2	2	48	.37	5	3	7	25	400
617DB	DB	KALISPELL	2 40*	3	3	3	3	3	3	3	2	2	2	56	.37	5	3	7	25	400
617DC	DC	DEMERS	1 45*	3	3	2	2	2	2	2	2	2	2	48	.37	5	7	15	25	400

*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 UPPER FLATHEAD VALLE

MUID	MAP SYMBOL	SOIL NAME	%	WIND C 20 HEL CLASS	C 30 HEL CLASS	WATER R 30 HEL CLASS	R 40 HEL CLASS	R 45 HEL CLASS	R 55 HEL CLASS	R 60 HEL CLASS	R 70 HEL CLASS	R 80 HEL CLASS	R 100 HEL CLASS	I VALUE	X VALUE	T VALUE	SLOPE-PERCEN MIN.	SLOPE-PERCEN MAX.	SLOPE-LENGTH MIN.	SLOPE-LENGTH MAX.
617DC	DC	KALISPELL	2 40+	3	3	2	2	2	2	2	2	2	2	56	.37	5	7	25	25	400
617DD	DD	DEPEW	1 100	3	3	3	3	3	3	3	3	3	3	86	.32	5	0	3	25	400
617DE	DE	DEPEW	1 100	3	3	3	3	3	3	3	3	3	3	38	.37	5	0	3	25	400
617DF	DF	DEPEW	1 100	3	3	3	3	3	3	3	2	2	2	38	.37	5	3	7	25	400
617FA	FA	FLATHEAD	1 100	3	3	3	3	3	3	3	3	3	3	86	.24	5	0	3	25	400
617FB	FB	FLATHEAD	1 100	3	3	3	3	3	3	3	3	3	3	86	.24	5	3	7	25	400
617FC	FC	FLATHEAD	1 100	3	3	2	2	2	2	2	2	2	2	86	.24	5	7	20	25	400
617FD	FD	FLATHEAD	1 100	3	3	3	3	3	3	3	3	3	3	86	.24	5	0	7	25	400
617FE	FE	FLATHEAD	1 100	3	3	3	3	3	3	3	3	3	3	86	.37	5	0	3	25	400
617FF	FF	FLATHEAD	1 100	3	3	3	3	3	3	3	2	2	2	86	.37	5	3	7	25	400
617FG	FG	FLATHEAD	1 55*	3	3	3	3	3	3	3	3	3	3	56	.37	5	0	3	25	400
617FG	FG	CRESTON	2 30*	3	3	3	3	3	3	3	3	3	3	48	.37	5	0	3	25	400
617FH	FH	FLATHEAD	1 50*	3	3	3	3	3	3	3	3	3	3	56	.37	5	0	3	25	400
617FH	FH	FLATHEAD	2 35*	3	3	3	3	3	3	3	3	3	3	56	.37	5	0	3	25	400
617HA	HA	HALF MOON	1 100	3	3	3	3	3	3	3	3	3	3	48	.37	5	0	3	25	400
617HB	HB	HALF MOON	1 100	3	3	3	3	3	2	2	2	2	2	48	.37	5	3	8	25	400
617HC	HC	HALF MOON	1 100	3	3	3	3	3	3	3	3	3	3	86	.37	5	0	3	25	400
617HD	HD	HALF MOON	1 100	3	3	3	3	3	3	3	2	2	2	86	.37	5	3	7	25	400
617HE	HE	HALF MOON	1 100	3	3	2	2	2	2	2	2	2	2	86	.37	5	7	12	25	400
617HF	HF	HALF MOON	1 100*	3	3	2	2	2	2	2	2	2	2	86	.37	5	12	45	25	400
617HF	HF	HALF MOON	2 100+	3	3	2	2	2	2	2	2	2	2	48	.37	5	12	45	25	400
617HG	HG	HALF MOON	1 50+	3	3	3	3	3	3	3	3	3	3	86	.37	5	0	3	25	400
617HG	HG	HASKILL	2 35*	3	1	3	3	3	3	3	3	3	3	134	.20	5	0	3	25	400
617HH	HH	HALF MOON	1 100*	3	3	3	3	3	3	3	2	2	2	86	.37	5	3	7	25	400
617HH	HH	HASKILL	2 100*	3	1	3	3	3	3	3	3	3	3	134	.20	5	3	7	25	400
617HK	HK	HASKILL	1 100	1	1	3	3	3	3	3	3	3	3	310	.17	5	0	7	25	400
617HM	HM	HASKILL	1 100	1	1	3	3	3	3	3	2	2	2	310	.17	5	7	12	25	400
617HN	HN	HASKILL	1 100	1	1	2	2	2	2	2	2	2	2	310	.17	5	12	45	25	400
617HO	HO	HASKILL	1 100	3	1	3	3	3	3	3	3	3	3	134	.20	5	0	7	25	400
617HP	HP	HASKILL	1 100	3	1	2	2	2	2	2	2	2	2	134	.20	5	7	20	25	400
617KA	KA	KALISPELL	1 100	3	3	3	3	3	3	3	3	3	3	86	.24	5	0	7	25	400
617KB	KB	KALISPELL	1 100	3	3	3	3	3	3	3	3	3	3	56	.20	5	3	7	25	400
617KC	KC	KALISPELL	1 100	3	3	3	3	3	3	2	2	2	2	56	.20	5	7	12	25	400
617KD	KD	KALISPELL	1 100	3	3	2	2	2	2	2	2	2	2	56	.20	5	12	40	25	400
617KE	KE	KALISPELL	1 100	3	3	3	3	3	3	3	3	3	3	56	.37	5	0	3	25	400
617KF	KF	KALISPELL	1 100	3	3	3	3	3	3	3	3	3	3	56	.37	5	0	3	25	400
617KG	KG	KALISPELL	1 100	3	3	3	3	3	3	3	2	2	2	56	.37	5	3	7	25	400
617KH	KH	KALISPELL	1 100	3	3	3	3	3	3	3	2	2	2	56	.37	5	3	7	25	400
617KK	KK	KALISPELL	1 100	3	3	2	2	2	2	2	2	2	2	56	.37	5	7	12	25	400
617KM	KM	KALISPELL	1 100	3	3	2	2	2	2	2	2	2	2	56	.37	5	12	25	25	400
617KN	KN	KALISPELL	1 100	3	3	3	3	3	3	3	2	2	2	56	.37	5	0	7	25	400
617KO	KO	KALISPELL	1 100	3	3	2	2	2	2	2	2	2	2	56	.37	5	7	12	25	400
617KP	KP	KALISPELL	1 100	3	3	3	3	3	3	3	3	3	3	56	.37	5	0	3	25	400
617KR	KR	KALISPELL	1 100	3	3	3	3	3	3	3	2	2	2	56	.37	5	3	7	25	400
617KS	KS	KALISPELL	1 100	3	3	2	2	2	2	2	2	2	2	56	.37	5	7	12	25	400
617KT	KT	KALISPELL	1 100	3	3	2	2	2	2	2	2	2	2	56	.37	5	12	40	25	400
617KU	KU	KALISPELL	1 100	3	3	3	3	3	3	3	3	3	3	48	.37	5	0	3	25	400

*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 UPPER FLATHEAD VALLE

MUID	MAP SYMBOL	SOIL NAME		%	WIND C 20 HEL CLASS	WIND C 30 HEL CLASS	WATER R 30 HEL CLASS	R 40 HEL CLASS	R 45 HEL CLASS	R 55 HEL CLASS	R 60 HEL CLASS	R 70 HEL CLASS	R 80 HEL CLASS	R 100 HEL CLASS	I VALUE	K VALUE	T VALUE	SLOPE-PERCEN MIN.	SLOPE-PERCEN MAX.	SLOPE-LENGTH MIN.	SLOPE-LENGTH MAX.
617KV	KV	KALISPELL	1	100	3	3	3	3	3	3	3	2	2	2	56	.37	5	0	7	25	400
617KW	KW	KALISPELL	1	70*	3	3	3	3	3	3	3	3	3	3	56	.37	5	0	3	25	400
617KW	KW	DEMERS	2	20*	3	3	3	3	3	3	3	3	3	3	48	.37	5	0	3	25	400
617KX	XX	KALISPELL	1	70*	3	3	2	2	2	2	2	2	2	2	56	.37	5	3	12	25	400
617KX	XX	DEMERS	2	20*	3	3	2	2	2	2	2	2	2	2	48	.37	5	3	12	25	400
617KZA	KZA	KALISPELL	1	60*	3	3	3	3	3	3	3	3	3	3	56	.37	5	0	3	25	400
617KZA	KZA	TUFFIT	2	30*	3	3	3	3	3	3	3	3	3	3	56	.43	5	0	3	25	400
617KZB	KZB	KALISPELL	1	60*	3	3	3	3	3	3	3	2	2	2	56	.37	5	3	7	25	400
617KZB	KZB	TUFFIT	2	30*	3	3	3	3	3	3	2	2	2	2	56	.43	5	3	7	25	400
617KZC	KZC	KALISPELL	1	60*	3	3	2	2	2	2	2	2	2	2	56	.37	5	7	20	25	400
617KZC	KZC	TUFFIT	2	30*	3	3	2	2	2	2	2	2	2	2	56	.43	5	7	15	25	400
617KZD	KZD	KINMANIS	1	100	3	1	3	3	3	3	3	3	3	3	86	.20	3	0	4	25	400
617KZE	KZE	KINMANIS	1	100	3	3	3	3	3	3	3	3	3	3	56	.32	3	0	3	25	400
617KZF	KZF	KINMANIS	1	100	3	3	3	2	2	2	2	2	2	2	56	.32	3	3	9	25	400
617KZG	KZG	KINMANIS	1	45*	3	1	3	3	3	3	3	3	3	3	86	.20	3	0	5	25	400
617KZG	KZG	BIRCH	2	40*	3	1	3	3	3	3	3	3	3	3	86	.20	3	0	5	25	400
617KZH	KZH	KINMANIS	1	45*	3	3	3	3	3	3	3	3	3	3	56	.32	3	0	4	25	400
617KZH	KZH	BIRCH	2	40*	3	1	3	3	3	3	3	3	3	3	86	.20	3	0	4	25	400
617KZK	KZK	KRAUSE	1	100	3	3	3	3	3	3	3	3	3	3	56	.17	3	0	3	25	400
617KZM	KZM	KRAUSE	1	100	3	3	3	3	3	3	3	3	3	2	56	.17	3	3	7	25	400
617KZN	KZN	KRAUSE	1	100	3	3	3	2	2	2	2	2	2	2	56	.17	3	7	12	25	400
617KZO	KZO	KRAUSE	1	100	3	3	2	2	2	2	2	2	2	2	56	.17	3	12	35	25	400
617MA	MA	MADE LAND	1	100	0	0	0	0	0	0	0	0	0	0	0	.00	0	0	0	25	400
617MB	MB	MCCAFFERY	1	100	1	1	3	3	3	3	3	3	3	3	310	.17	5	0	5	25	400
617MC	MC	MCCAFFERY	1	100	3	1	3	3	3	3	3	3	3	3	134	.17	5	0	3	25	400
617MD	MD	MCCAFFERY	1	100	3	1	3	3	3	3	3	3	3	3	134	.17	5	3	7	25	400
617ME	ME	MCCAFFERY	1	100	3	1	3	3	3	3	3	2	2	2	134	.17	5	7	12	25	400
617MF	MF	MCCAFFERY	1	100	3	1	2	2	2	2	2	2	2	2	134	.17	5	12	30	25	400
617MG	MG	MIRES	1	100	3	3	3	3	3	3	3	3	3	3	56	.20	3	0	3	25	400
617MH	MH	MIRES	1	100	3	3	3	3	3	3	3	2	2	2	56	.20	3	3	7	25	400
617MK	MK	MIRES	1	100	3	3	3	2	2	2	2	2	2	2	56	.20	3	7	12	25	400
617MM	MM	MIRES	1	100	3	3	2	2	2	2	2	2	2	2	56	.20	3	12	30	25	400
617MN	MN	MIRES	1	100	3	3	3	3	3	3	3	3	3	3	56	.37	5	0	3	25	400
617MO	MO	MIRES	1	100	3	3	3	3	3	3	3	2	2	2	56	.37	5	3	7	25	400
617MP	MP	MIRES	1	100	3	3	2	2	2	2	2	2	2	2	56	.37	5	7	12	25	400
617MR	MR	MOUNTAINOUS LAN	1	30*	3	3	2	1	1	1	1	1	1	1	48	.20	3	30	70	25	400
617MR	MR	WHITEFISH	2	30*	3	3	2	2	2	1	1	1	1	1	48	.20	5	30	70	25	400
617MR	MR	ROCK OUTCROP	3	25*	0	0	0	0	0	0	0	0	0	0	0	.00	0	0	0	25	400
617MS	MS	MUCK AND PEAT	1	45*	0	0	3	3	3	3	3	3	3	3	0	.02	5	0	1	25	400
617MS	MS	WINGINAW	2	40*	0	0	3	3	3	3	3	3	3	3	0	.02	5	0	1	25	400
617PA	PA	PROSPECT	1	100	3	3	3	3	3	3	3	3	3	3	56	.37	5	0	3	25	400
617PB	PB	PROSPECT	1	100	3	3	3	3	3	3	3	2	2	2	56	.37	5	3	7	25	400
617PC	PC	PROSPECT	1	100	3	3	2	2	2	2	2	2	2	2	56	.37	5	7	12	25	400
617PD	PD	PROSPECT	1	100	3	3	2	2	2	2	2	2	2	2	56	.37	5	12	20	25	400
617PE	PE	PROSPECT	1	100	3	3	3	3	3	3	3	3	3	3	56	.20	5	3	7	25	400
617PF	PF	PROSPECT	1	100	3	3	3	3	3	3	2	2	2	2	56	.20	5	7	12	25	400
617PG	PG	PROSPECT	1	100	3	3	2	2	2	2	2	2	2	2	56	.20	5	12	20	25	400

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SURVEY NAME UPPER FLATHEAD VALLE

MUID	MAP SYMBOL	SOIL NAME	X	WIND C 20 HEL CLASS	WIND C 30 HEL CLASS	WATER R 30 HEL CLASS	R 40 HEL CLASS	R 45 HEL CLASS	R 55 HEL CLASS	R 60 HEL CLASS	R 70 HEL CLASS	R 80 HEL CLASS	R 100 HEL CLASS	I VALUE	K VALUE	T VALUE	SLOPE-PERCEN MIN.	SLOPE-PERCEN MAX.	SLOPE-LENGTH MIN.	SLOPE-LENGTH MAX.
617PH	PH	PROSPECT	1 100	3	3	2	2	2	2	2	2	2	1	56	.20	5	20	45	25	400
617PK	PK	PROSPECT	1 50*	3	3	3	3	3	3	3	3	3	3	56	.37	5	0	3	25	400
617PK	PK	TUFFIT	2 35*	3	3	3	3	3	3	3	3	3	3	56	.43	5	0	3	25	400
617PM	PM	PROSPECT	1 50*	3	3	3	3	3	3	3	2	2	2	56	.37	5	3	7	25	400
617PM	PM	TUFFIT	2 35*	3	3	3	3	3	3	2	2	2	2	56	.43	5	3	7	25	400
617PN	PN	PROSPECT	1 50*	3	3	2	2	2	2	2	2	2	2	56	.37	5	7	20	25	400
617PN	PN	TUFFIT	2 35*	3	3	2	2	2	2	2	2	2	2	56	.43	5	7	15	25	400
617RA	RA	RADNOR	1 100	3	3	3	3	3	3	3	3	3	3	56	.43	5	0	3	25	400
617RB	RB	RADNOR	1 100	3	3	3	3	3	3	3	3	3	3	56	.37	5	0	3	25	400
617RC	RC	RIVERWASH	1 100	0	0	0	0	0	0	0	0	0	0	0	.00	0	0	0	25	400
617SA	SA	SALINE LAND	1 45*	0	0	3	3	3	3	3	3	3	3	0	.28	5	0	1	25	400
617SA	SA	ALKALI LAND	2 40*	3	3	3	3	3	3	3	3	3	3	38	.37	5	0	2	25	400
617SB	SB	SELLE	1 100	3	3	3	3	3	3	3	3	3	3	86	.24	5	0	3	25	400
617SC	SC	SELLE	1 100	3	3	3	3	3	3	3	3	3	2	86	.24	5	3	8	25	400
617SD	SD	SOMERS	1 100	3	3	3	3	3	3	3	3	3	3	48	.37	3	0	3	25	400
617SE	SE	SOMERS	1 100	3	3	3	2	2	2	2	2	2	2	48	.37	3	3	7	25	400
617SF	SF	SOMERS	1 100	3	1	3	3	3	3	3	3	3	3	86	.32	3	0	4	25	400
617SG	SG	SOMERS	1 100	3	3	3	3	3	3	3	3	3	3	48	.32	3	0	3	25	400
617SH	SH	SOMERS	1 100	3	3	3	2	2	2	2	2	2	2	48	.32	3	3	8	25	400
617SK	SK	STRYKER	1 100	3	3	3	3	3	3	3	3	3	3	56	.43	5	0	3	25	400
617SM	SM	STRYKER	1 100	3	3	3	3	3	3	3	3	3	3	56	.43	5	0	3	25	400
617SN	SN	STRYKER	1 100	3	3	3	3	3	3	3	3	3	3	48	.37	5	0	3	25	400
617SO	SO	SWIMS	1 100	3	3	3	3	3	3	3	3	3	3	56	.37	5	0	3	25	400
617SP	SP	SWIMS	1 100	3	3	3	3	3	3	3	2	2	2	56	.37	5	3	7	25	400
617SR	SR	SWIMS	1 100	3	3	3	3	3	3	3	3	3	3	48	.32	5	0	4	25	400
617TA	TA	TALLY	1 100*	3	3	3	3	3	3	3	3	3	3	86	.20	5	0	3	25	400
617TA	TA	BLANCHARD	2 100*	3	3	3	3	3	3	3	3	3	3	86	.32	5	0	3	25	400
617TA	TA	FLATHEAD	3 100*	3	3	3	3	3	3	3	3	3	3	86	.24	5	0	3	25	400
617TB	TB	TALLY	1 100*	3	3	3	3	3	3	3	3	3	3	86	.20	5	0	3	25	400
617TB	TB	BLANCHARD	2 100*	3	3	3	3	3	3	3	3	3	3	86	.32	5	0	3	25	400
617TB	TB	FLATHEAD	3 100*	3	3	3	3	3	3	3	3	3	3	86	.24	5	0	3	25	400
617TC	TC	TALLY	1 100*	3	3	3	3	3	3	3	3	3	3	86	.20	5	3	7	25	400
617TC	TC	BLANCHARD	2 100*	3	3	3	3	3	3	3	3	2	2	86	.32	5	3	7	25	400
617TC	TC	FLATHEAD	3 100*	3	3	3	3	3	3	3	3	3	3	86	.24	5	3	7	25	400
617TD	TD	TALLY	1 100*	3	3	3	3	3	3	3	3	3	3	86	.20	5	3	7	25	400
617TD	TD	BLANCHARD	2 100*	3	3	3	3	3	3	3	3	2	2	86	.32	5	3	7	25	400
617TD	TD	FLATHEAD	3 100*	3	3	3	3	3	3	3	3	3	3	86	.24	5	3	7	25	400
617TE	TE	TALLY	1 100*	3	3	3	3	3	3	2	2	2	2	86	.20	5	7	12	25	400
617TE	TE	BLANCHARD	2 100*	3	3	3	2	2	2	2	2	2	2	86	.32	5	7	12	25	400
617TE	TE	FLATHEAD	3 100*	3	3	3	3	3	2	2	2	2	2	86	.24	5	7	12	25	400
617TF	TF	TALLY	1 100*	3	3	3	3	3	3	2	2	2	2	86	.20	5	7	12	25	400
617TF	TF	BLANCHARD	2 100*	3	3	3	2	2	2	2	2	2	2	86	.32	5	7	12	25	400
617TF	TF	FLATHEAD	3 100*	3	3	3	3	3	2	2	2	2	2	86	.24	5	7	12	25	400
617TG	TG	TALLY	1 100*	3	3	2	2	2	2	2	2	2	2	86	.20	5	12	20	25	400
617TG	TG	BLANCHARD	2 100*	3	3	2	2	2	2	2	2	2	2	86	.32	5	12	20	25	400
617TG	TG	FLATHEAD	3 100*	3	3	2	2	2	2	2	2	2	2	86	.24	5	12	20	25	400
617TH	TH	TUFFIT	1 60*	3	3	3	3	3	3	3	3	3	3	48	.37	5	0	5	25	400

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617TX	TH	SOMERS	2 35*	3	3	3	3	3	3	3	3	2	2	48	.32	3	0	5	25	400
617UL	UL	MISCELLANEOUS L	1 100	0	0	0	0	0	0	0	0	0	0	0	.00	0	0	0	25	400
617WA	WA	WAITS	1 100	3	3	3	3	3	3	3	3	3	3	48	.20	3	0	3	25	400
617WB	WB	WAITS	1 100	3	3	3	3	3	3	3	3	2	2	48	.20	3	3	7	25	400
617WC	WC	WAITS	1 100	3	3	3	2	2	2	2	2	2	2	48	.37	3	0	7	25	400
617WD	WD	WAITS	1 100	3	3	3	3	3	3	3	3	3	2	48	.37	3	0	4	25	400
617WE	WE	WAITS	1 100	3	3	3	3	3	3	3	3	2	2	48	.20	3	0	7	25	400
617WF	WF	WAITS	1 100	3	3	3	2	2	2	2	2	2	2	48	.20	3	7	12	25	400
617WG	WG	WAITS	1 100	3	3	2	2	2	2	2	2	2	2	48	.20	3	12	35	25	400
617WH	WH	WAITS	1 100	3	3	3	3	3	3	3	3	2	2	48	.20	3	0	7	25	400
617WK	WK	WAITS	1 100*	3	3	3	3	3	3	3	3	2	2	48	.20	3	0	7	25	400
617WK	WK	KRAUSE	2 100*	3	3	3	3	3	3	3	3	3	2	56	.17	3	0	7	25	400
617WM	WM	WAITS	1 100*	3	3	3	2	2	2	2	2	2	2	48	.20	3	7	12	25	400
617WM	WM	KRAUSE	2 100*	3	3	3	2	2	2	2	2	2	2	56	.17	3	7	12	25	400
617WN	WN	WAITS	1 100*	3	3	2	2	2	2	2	2	2	2	48	.20	3	12	40	25	400
617WN	WN	KRAUSE	2 100*	3	3	2	2	2	2	2	2	2	2	56	.17	3	12	40	25	400
617WO	WO	WALTERS	1 100	3	3	3	3	3	3	3	3	3	3	56	.37	5	0	4	25	400
617WP	WP	WALTERS	1 100	3	3	3	3	3	3	3	2	2	2	86	.37	5	0	7	25	400
617WR	WR	WHITEFISH	1 100	3	3	3	3	3	3	3	3	3	3	48	.20	5	0	7	25	400
617WS	WS	WHITEFISH	1 100	3	3	3	3	3	3	2	2	2	2	48	.20	5	7	12	25	400
617WT	WT	WHITEFISH	1 100	3	3	2	2	2	2	2	2	2	2	48	.20	5	12	20	25	400
617WU	WU	WHITEFISH	1 100	3	3	2	2	2	2	2	2	2	1	48	.20	5	20	45	25	400
617WV	WV	WHITEFISH	1 100	3	3	3	3	3	3	3	3	3	3	48	.20	5	0	7	25	400
617WW	WW	WHITEFISH	1 100	3	3	3	3	3	3	2	2	2	2	48	.20	5	7	12	25	400
617WX	WX	WHITEFISH	1 100	3	3	2	2	2	2	2	2	2	2	48	.20	5	12	25	25	400
617WZA	WZA	WHITEFISH	1 100	3	3	3	3	3	3	3	3	3	3	48	.37	5	0	3	25	400
617WZB	WZB	WHITEFISH	1 100	3	3	3	3	3	3	3	2	2	2	48	.37	5	3	7	25	400
617WZC	WZC	WHITEFISH	1 100	3	3	2	2	2	2	2	2	2	2	48	.37	5	7	12	25	400
617WZD	WZD	WHITEFISH	1 100	3	3	2	2	2	2	2	2	2	2	48	.37	5	12	35	25	400
617WZE	WZE	WHITEFISH	1 100	3	3	3	3	3	3	3	3	3	3	48	.20	5	0	7	25	400
617WZF	WZF	WHITEFISH	1 100	3	3	3	3	3	3	2	2	2	2	48	.20	5	7	12	25	400
617WZG	WZG	WHITEFISH	1 100	3	3	2	2	2	2	2	2	2	2	48	.20	5	12	20	25	400
617WZH	WZH	WHITEFISH	1 100	3	3	2	2	2	2	2	2	2	1	48	.20	5	20	45	25	400
617YA	YA	YEOMAN	1 100	3	3	3	3	3	3	3	3	3	3	48	.20	3	0	3	25	400
617YB	YB	YEOMAN	1 100	3	3	3	3	3	3	3	3	2	2	48	.20	3	3	7	25	400
617YC	YC	YEOMAN	1 100	3	3	3	2	2	2	2	2	2	2	48	.20	3	7	12	25	400
617YD	YD	YEOMAN	1 100	3	3	2	2	2	2	2	2	2	2	48	.20	3	12	25	25	400
617YE	YE	YEOMAN	1 100	3	3	3	3	3	3	3	3	3	3	48	.20	5	0	7	25	400
617YF	YF	YEOMAN	1 100	3	3	3	3	3	3	2	2	2	2	48	.20	5	7	12	25	400
617YG	YG	YEOMAN	1 100	3	3	2	2	2	2	2	2	2	2	48	.20	5	12	30	25	400
617YH	YH	YEOMAN	1 100	3	3	3	3	3	3	3	3	3	3	48	.20	3	0	3	25	400
617YK	YK	YEOMAN	1 100	3	3	3	3	3	3	3	3	2	2	48	.20	3	3	7	25	400
617YM	YM	YEOMAN	1 100	3	3	3	2	2	2	2	2	2	2	48	.20	3	7	12	25	400
617YN	YN	YEOMAN	1 100	3	3	2	2	2	2	2	2	2	2	48	.20	3	12	20	25	400
617YO	YO	YEOMAN	1 100	3	3	2	2	2	2	1	1	1	1	48	.20	3	20	40	25	400
617YP	YP	YEOMAN	1 100	3	3	3	3	3	3	3	3	3	3	48	.37	3	0	3	25	400
617YR	YR	YEOMAN	1 100	3	3	3	2	2	2	2	2	2	2	48	.37	3	3	7	25	400

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617YS	YS	YEOMAN	1 100	3	3	2	2	2	2	2	2	2	2	48	.37	3	7	12	25	400
617YT	YT	YEOMAN	1 100	3	3	3	3	3	3	3	2	2	2	48	.37	5	0	7	25	400
617YU	YU	YEOMAN	1 100	3	3	2	2	2	2	2	2	2	2	48	.37	5	7	12	25	400
617YV	YV	YEOMAN	1 100	3	3	2	2	2	2	2	2	2	2	48	.37	5	12	20	25	400
617YW	YW	YEOMAN	1 100	3	3	3	3	3	3	3	3	3	3	48	.20	5	0	7	25	400
617YX	YX	YEOMAN	1 100	3	3	3	3	3	3	2	2	2	2	48	.20	5	7	12	25	400
617YY	YY	YEOMAN	1 100	3	3	2	2	2	2	2	2	2	2	48	.20	5	12	35	25	400
617YZA	YZA	YEOMAN	1 100	3	3	3	3	3	3	3	3	2	2	48	.20	3	0	7	25	400
617YZB	YZB	YEOMAN	1 100	3	3	2	2	2	2	2	2	2	2	48	.20	3	7	20	25	400
617YZC	YZC	YEOMAN	1 100	3	3	2	2	2	2	1	1	1	1	48	.20	3	20	35	25	400