

Disturbance Class (n = number of sites)	Landscape Position and Shape			
	Landform	Position	Shape	Slope
1. Undisturbed (n = 28)	1 = 18% 2 = 25% 3 = 29% 4 = 29%	(n = 27) 1 = 22% 2 = 11% 3 = 41% 4 = 26%	1 = 57% 2 = 29% 3 = 7% 4 = 7%	(n = 11) Maximum = 15% Minimum = 1% Average = 6% Standard Deviation = 5%
2. Fire & Recovering (n = 7)	1 = 14% 2 = 14% 3 = 43% 4 = 29%	1 = 14% 2 = 28% 3 = 44% 4 = 14%	1 = 72% 2 = 14% 3 = 0% 4 = 14%	(n = 2) Maximum = 6% Minimum = 1% Average = 4% Standard Deviation = 4% (n = 4)
3. Cleared & Recovering (n = 12)	1 = 0% 2 = 34% 3 = 8% 4 = 58%	1 = 42% 2 = 0% 3 = 25% 4 = 33%	1 = 58% 2 = 34% 3 = 0% 4 = 8%	Maximum = 6% Minimum = 2% Average = 4% Standard Deviation = 2%
4. Cleared & Uncultivated (n = 4)	1 = 0% 2 = 25% 3 = 0% 4 = 75%	1 = 25% 2 = 0% 3 = 0% 4 = 75%	1 = 25% 2 = 75% 3 = 0% 4 = 0%	(n = 1) Maximum = 8% Minimum = 8% Average = 8% Standard Deviation = N/A
5. Cleared & Cultivated (n = 3)	1 = 0% 2 = 0% 3 = 0% 4 = 100%	1 = 0% 2 = 0% 3 = 0% 4 = 100%	1 = 0% 2 = 100% 3 = 0% 4 = 0%	(n = 1) Maximum = 0% Minimum = 0% Average = 0% Standard Deviation = N/A
6. Urban (n = 1)	4	3	1	(n = 0)

CODES:

Landforms: 1 = hillslope,
2 = fan, 3 =
abandoned
alluvial plane,
4 = active
alluvial plane

Positions: 1 = slope, 2 =
interfluvium, 3 =
linear
depression, 4
= non-linear
depression

Shapes: 1 = plane, 2 =
concave, 3 =
convex, 4 =
complex

Disturbance 1 =
undisturbed, 1
= elevation
change at
disked edge,
2 = wind row,
to Flow: 3&4 = fire
break, 5 =
frost
settlement, 6
= ditch, 7 =
roads, 8 = fill,
9 = other

Land Use Characteristics				Hydrologic Characteristics			
Land Use at 10x	Surrounding Land Use	Adjacent Land Use	Wetland Land Use	Evidence of Ponding	Average Depth (ft)	Disturbance to Flow	Type of disturbance
(n = 27) 1 = 92% 4 = 4% 6 = 4%	(n = 27) 1 = 85% 2 = 7% 3 = 4% 6 = 4%	1 = 100%	1 = 100%	Yes = 46% No = 54%	(n = 12) Maximum = 4 Minimum = 0.2 Average = 0.66 Standard Deviation = 1.06	(n = 26) Yes = 12% No = 88%	(n = 26) 0 = 88% 7 = 12%
(n = 6) 1 = 34% 2 = 34% 4 = 16% 5 = 16%	(n = 6) 1 = 17% 2 = 83%	2 = 100%	1 = 14% 2 = 86%	Yes = 14% No = 86%	(n = 2) Maximum = 0.5 Minimum = 0 Average = 0.25 Standard Deviation = 0.35 (n = 7)	0 = 100%	(n = 5) 0 = 80% 3 = 20% (n = 10)
(n = 10) 1 = 10% 3 = 90%	1 = 8% 3 = 84% 5 = 8%	3 = 92% 6 = 8%	3 = 92% 6 = 8%	Yes = 58% No = 42%	Maximum = 0.5 Minimum = 0.1 Average = 0.32 Standard Deviation = 0.18	0 = 83% 1 = 17%	1 = 10% 2 = 40% 3 = 10% 5 = 10% 9 = 30%
4 = 100%	4 = 75% 5 = 25%	1 = 25% 4 = 75%	(n = 3) 4 = 100%	Yes = 75% No = 25%	(n = 3) Maximum = 0.5 Minimum = 0.1 Average = 0.37 Standard Deviation = 0.23	0 = 75% 1 = 25%	1 = 75% 8 = 25%
1 = 33% 5 = 67%	5 = 100%	5 = 100%	4 = 33% 5 = 67%	Yes = 33% No = 67%	(n = 1) Maximum = 0.5 Minimum = 0.5 Average = 0.5 Standard Deviation = N/A	1 = 100%	1 = 100%
7	6	6	0	No	(n = 0)	Yes	8

Snow Characteristics		Microtopography:	
Average Tussock Height	# of animal trails	Minimum Organic Mat Surface Relief (Max)	Minimum Organic Mat Surface Relief (Min)
(n = 6) Maximum = 1.5 Minimum = 0.5 Average = 1.22 Standard Deviation = 0.37	(n = 23) Maximum = 9 Minimum = 0 Average = 3.65 Standard Deviation = 3.04	(n = 27) Maximum = 5.93 Minimum = 2.83 Average = 4.28 Standard Deviation = 0.60	(n = 27) Maximum = 4.05 Minimum = 0.3 Average = 2.86 Standard Deviation = 0.87
(n = 1) Maximum = 1 Minimum = 1 Average = 1 Standard Deviation = N/A	(n = 5) Maximum = 4 Minimum = 0 Average = 2.80 Standard Deviation = 1.64	Maximum = 5.43 Minimum = 3.67 Average = 4.54 Standard Deviation = 0.70	Maximum = 4.2 Minimum = 2.5 Average = 3.48 Standard Deviation = 0.57
(n = 0)	Maximum = 4 Minimum = 0 Average = 2.0 Standard Deviation = 1.58	Maximum = 4.7 Minimum = 2.72 Average = 3.88 Standard Deviation = 0.56	Maximum = 3.9 Minimum = 2.2 Average = 3.03 Standard Deviation = 0.58
(n = 0)	(n = 3) Maximum = 3.0 Minimum = 0 Average = 1.0 Standard Deviation = 1.73	Maximum = 4.5 Minimum = 3.49 Average = 3.97 Standard Deviation = 0.41	Maximum = 3.9 Minimum = 2.8 Average = 3.17 Standard Deviation = 0.51
(n = 0)	(n = 1) Maximum = 0 Minimum = 0 Average = 0 Standard Deviation = N/A	Maximum = 5.25 Minimum = 2.76 Average = 3.64 Standard Deviation = 1.4	Maximum = 4.82 Minimum = 1.89 Average = 3.03 Standard Deviation = 1.57
(n = 0)	(n = 0)	(n = 0)	(n = 0)

Microtopograpy		Static Surface Water
Maximum Organic Mat Surface Relief (Max)	Maximum Organic Mat Surface Relief (Min)	Presence
Maximum = 6.2 Minimum = 3.25 Average = 4.7 Standard Deviation = 0.64	Maximum = 5.85 Minimum = 1.42 Average = 3.8 Standard Deviation = 0.96	(n = 25) Maximum = 100% Minimum = 0% Average = 22% Standard Deviation = 28%
Maximum = 6.86 Minimum = 3.84 Average = 4.91 Standard Deviation = 1.0	Maximum = 5.06 Minimum = 3.67 Average = 4.23 Standard Deviation = 0.46	Maximum = 30% Minimum = 0% Average = 7% Standard Deviation = 13%
Maximum = 4.66 Minimum = 2.5 Average = 3.76 Standard Deviation = 0.64	Maximum = 4.17 Minimum = 2.33 Average = 3.44 Standard Deviation = 0.55	Maximum = 100% Minimum = 0% Average = 24% Standard Deviation = 38%
Maximum = 4.7 Minimum = 3.74 Average = 4.19 Standard Deviation = 0.44	Maximum = 4.05 Minimum = 3.25 Average = 3.57 Standard Deviation = 0.34	Maximum = 60% Minimum = 0% Average = 28% Standard Deviation = 32%
Maximum = 5.2 Minimum = 2.76 Average = 3.59 Standard Deviation = 1.4	Maximum = 4.28 Minimum = 2.0 Average = 2.96 Standard Deviation = 1.18	Maximum = 100% Minimum = 0% Average = 33% Standard Deviation = 58%
2.91	2.6	0

Frequency Distribution of Microtopographic and Ponding Features		
Plane	Pit	Hummock
(n = 27) Maximum = 0.7 Minimum = 0.0 Average = 0.09 Standard Deviation = 0.18	(n = 27) Maximum = 1.0 Minimum = 0.0 Average = 0.43 Standard Deviation = 0.30	(n = 27) Maximum = 1.0 Minimum = 0.0 Average = 0.45 Standard Deviation = 0.29
Maximum = 1.0 Minimum = 0.0 Average = 0.56 Standard Deviation = 0.52	Maximum = 0.5 Minimum = 0.0 Average = 0.29 Standard Deviation = 0.21	Maximum = 0.9 Minimum = 0.0 Average = 0.29 Standard Deviation = 0.38
Maximum = 1.0 Minimum = 0.4 Average = 0.83 Standard Deviation = 0.23	Maximum = 0.3 Minimum = 0 Average = 0.09 Standard Deviation = 0.12	Maximum = 0.60 Minimum = 0 Average = 0.08 Standard Deviation = 0.20
Maximum = 1.0 Minimum = 0 Average = 0.75 Standard Deviation = 0.50	Maximum = 0.3 Minimum = 0 Average = 0.0 Standard Deviation = 0.15	Maximum = 0.70 Minimum = 0 Average = 0.18 Standard Deviation = 0.35
Maximum = 1.0 Minimum = 0.5 Average = 0.83 Standard Deviation = 0.29	Maximum = 0.5 Minimum = 0 Average = 0.17 Standard Deviation = 0.29	Maximum = 0 Minimum = 0 Average = 0 Standard Deviation = 0
1	0	0