WETLAND DETERMINATION DATA FORM - Alaska Region

Landform (hillside, terrace, hummocks etc.): lower slope	.3_T133_02
Local relief (concave, convex, none): convex Slope: 46.6 % / 25.0 ° Elevation: 813 Subregion: Interior Alaska Mountains Lat.: 62.913525105 Long.: -148.061042786 Date Soil Map Unit Name: Are climatic/hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.) Are Vegetation , Soil , or Hydrology significantly disturbed? Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)	
Subregion: Interior Alaska Mountains Lat.: 62.913525105 Long.: -148.061042786 Date NWI classification: Upland Are climatic/hydrologic conditions on the site typical for this time of year? Are Vegetation , Soil , or Hydrology significantly disturbed? Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)	
Soil Map Unit Name: Are climatic/hydrologic conditions on the site typical for this time of year? Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes	
Are climatic/hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.) Are Vegetation , Soil , or Hydrology inaturally problematic? (If needed, explain any answers in Remarks.)	um: WGS84
Are Vegetation , Soil , or Hydrology significantly disturbed? Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.)	
Hydrophytic Vegetation Present? Yes No No Hydric Soil Present? Yes No No Wetland Hydrology Present? Yes No No Wetland Hydrology Present? Yes No Remarks: colluvium lower slope.	
/EGETATION - Use scientific names of plants. List all species in the plot.	
Absolute Dominant Indicator Office of Dominant Species	
	<u>5</u> (A)
Total Number of Dominant	
	<u>5</u> (B)
Percent or dominant species).0% (A/B)
5).0 /0 (/ 0.5)
Total Cover:0_ Prevalence Index worksheet: Total % Cover of: Multiply by	/:
Sapling/Shrub Stratum 50% of Total Cover: 0 20% of Total Cover: 0 OBL Species 1 x 1 =	0
1. Vaccinium vitis-idaea 25 ✔ FAC FACW Species 22 x 2 =	44
2. Ledum decumbens 20 ✔ FACW FAC Species 80 x 3 =	240
3. Empetrum nigrum 20 FAC FACU Species 2 x 4 =	8
4. Vaccinium uliginosum 15 FAC UPL Species 0 x 5 =	0
5. Betula nana 10 FAC Column Totals: 104 (A)	292 (B)
6. Arctostaphylos rubra 5 FAC Prevalence Index = B/A = 2.	808
7	808_
8 <u>0</u> Hydrophytic Vegetation Indicators:	
9 0_	
10 0	
Total Cover:95	
1. Equisetum sylvaticum 5 FAC Problematic Hydrophytic Vegetation 1 (Example 2)	
2. Rubus chamaemorus 2 FACW I Indicators of hydric soil and wetland hydrolo	gy must
3. Bistorta plumosa 1 FACU be present, unless disturbed or problematic.	
4. Anthoxanthum monticola ssp. alpinum 1 FACU Plot size (radius, or length x width)	10m
5 % Cover of Wetland Bryophytes	
6	
7	
o Total cover of bryophiytes	
Total Cover: 9 Vegetation	
50% of Total Cover: 4.5 20% of Total Cover: 1.8 Present? Yes No	

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SOIL Sampling Point: SW13_T133_02

Profile Description: (Desc	ribe to the depth Matrix	needed to docu		onfirm the abse		ators)		
Depth (inches) Cole	or (moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
0-4		100	<u> </u>				Fibric Organics	
4-6		100			-		Hemic Organics	
6-10 10Y	R 2/2	100					Sandy Loam	organic staining throughout
	2/2						Sundy Estim	organic stanning throughout
							-	
¹Type: C=Concentration	on. D=Depletio	n. RM=Reduc					nnel. M=Matrix	
Hydric Soil Indicator	rs:		Indicators for P	roblematic	Hydric So	oils: ³	_	
Histosol or Histel (A1)			☐ Alaska Color Change (TA4) ☐ Alaska Gleyed Without Hue 5Y or Redder					
Histic Epipedon (A	2)			Alaska Alpine swales (TA5) Underlying Layer				
Hydrogen Sulfide (A4)		Alaska Redox	With 2.5Y Hu	ıe		Other (Explain in Remark	(S)
Thick Dark Surface	(A12)		3 One indicator of	f hydronhytic	vegetatio	n one prin	nary indicator of wetland h	wdrology
Alaska Gleyed (A13	-		and an appropria	ite landscape	position n	nust be pro	esent	iydi ology,
Alaska Redox (A14 Alaska Gleyed Pore			⁴ Give details of o	color change	in Remark	s		
Restrictive Layer (if pre	sent):					I		
Type: rock							Hydric Soil Present	? Yes ○ No •
Depth (inches): 6							,	
Remarks:								
I								
HYDROLOGY								
HYDROLOGY Wetland Hydrology I	ndicators:						_Secondary Indi	cators (two or more are required)
		nt)						cators (two or more are required) ned Leaves (B9)
Wetland Hydrology I	one is sufficie	nt)	☐ Inundation \	/isible on Aei	rial Imager	ry (B7)	Water Stai	ned Leaves (B9) Patterns (B10)
Primary Indicators (and Surface Water (A1	one is sufficie)	nt)		/isible on Aei			Water Stai Drainage F Oxidized R	ned Leaves (B9) Patterns (B10) hizospheres along Living Roots (C3)
Primary Indicators (and Surface Water (A1 High Water Table Saturation (A3)	one is sufficie)	nt)		getated Conc			Water Stai Drainage F Oxidized R Presence of	ned Leaves (B9) Patterns (B10) hizospheres along Living Roots (C3) of Reduced Iron (C4)
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