WETLAND DETERMINATION DATA FORM - Alaska Region

Investigator(s): BAB Landform (hillside, terrace, hummocks etc.): Local relief (concave, convex, none): undulating Slope: 1.7 % / 1.0 ° Elevation: 118 Subregion: Interior Alaska Mountains Lat.: 63.056707025 Long.: -148.305758					
Investigator(s): BAB Landform (hillside, terrace, hummocks etc.): Local relief (concave, convex, none): undulating Slope: 1.7 % / 1.0 ° Elevation: 118 Subregion: Interior Alaska Mountains Lat.: 63.056707025 Long.: -148.305758 Soil Map Unit Name: NWI class	Bench				
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Soil Map Unit Name: NWI class	55019 Datum: WGS84				
Are climatic/hydrologic conditions on the site typical for this time of year? Yes $lacktriangledown$ No $lacktriangledown$ (If no, explain in	sification: Upland				
Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answ SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, import	s" present? Yes No wers in Remarks.)				
Hydrophytic Vegetation Present? Yes No No Street No Street No No Street No S					
Remarks:					
VEGETATION - Use scientific names of plants. List all species in the plot. Tree Stratum	t Species				
1 0 Total Number of Domi					
2Species Across All Str					
3 O Percent of dominant S	Species				
4 0	V, or FAC: <u>57.1%</u> (A/B)				
5 O Prevalence Index we	vorksheet:				
Total Cover:0 Total % Cover	er of: Multiply by:				
Sapling/Shrub Stratum 50% of Total Cover: 0 20% of Total Cover: 0 OBL Species	x 1 =				
1. Dryas octopetala 10 ✔ UPL FACW Species	s 5 x 2 = 10				
2. Ledum decumbens 2 FACW FAC Species	19 x 3 =57				
3. Vaccinium vitis-idaea 4 ✓ FAC FACU Species	s <u>8</u> x 4 = <u>32</u>				
4. Vaccinium uliginosum 8 V FAC UPL Species	<u>10</u> x 5 = <u>50</u>				
5. Cassiope tetragona 4 FACU Column Totals:	s: 42 (A) 149 (B)				
6. Empetrum nigrum 2 FAC					
7. Loiseleuria procumbens 3 FACU Prevalence Ind	dex = B/A = <u>3.548</u>				
8. Arctostaphylos rubra 1 FAC Hydrophytic Vegetat	ation Indicators:				
9. Salix pulchra 3 FACW Dominance Test	t is > 50%				
10. Betula nana 2 FAC Prevalence Index	ex is ≤3.0				
Herb Stratum 50% of Total Cover: 19.5 20% of Total Cover: 7.8 Remarks or on a	. ,				
	rophytic Vegetation ¹ (Explain)				
	soil and wetland hydrology must				
5. Orlandron tanolium	sturbed or problematic.				
4 Plot size (radius, or ler	ength x width) 10m				
5 % Cover of Wetland B					
6 (Where applicable)					
7 % Bare Ground	_35				
8 Total Cover of Bryoph	hytes <u>5</u>				
9					
10 O Hydrophytic					
Total Cover: 3 Vegetation 50% of Total Cover: 1.5 20% of Total Cover: 0.6 Present?	Yes ● No ○				
Remarks: salarc salret trace					

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SOIL Sampling Point: SW13 T178 01

Profile Descripti	ion: (Describe to	the depth ne	eded to docume	ent the indicator or co	nfirm the ab	sence of indic	ators)				
Depth		Matrix			dox Featu			_			
(inches)	Color (me	oist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks		
0-8	10YR	3/3	100					Sand	rounded to semi rounded gravel		
8-17	2.5Y	4/3	100					Sand	rounded to semi rounded gravel		
					-						
					-						
¹ Type: C=Cor	ncentration. D	=Depletion.	RM=Reduced	d Matrix ² Location	n: PL=Por	e Lining. RC	=Root Cha	nnel. M=Matrix			
Hydric Soil I	ndicators:			Indicators for Pr	oblemati	c Hydric So	oils: ³				
☐ Histosol or Histel (A1) ☐ Alaska Color Change (TA4)								Alaska Gleyed Without Hue 5Y or Redder			
	edon (A2)			Alaska Alpine swales (TA5) Underlying Layer							
Hydrogen	Sulfide (A4)			Alaska Redox With 2.5Y Hue Other (Explain in Remarks)							
☐ Thick Dark	c Surface (A12)									
Alaska Gle	eyed (A13)			One indicator of and an appropriat				nary indicator of wetland hesent	ydrology,		
Alaska Red	dox (A14)					•	•				
Alaska Gle	eyed Pores (A1	5)		⁴ Give details of co	olor chang	e in Remark	S				
Restrictive Laye	er (if present):										
Type:								Hydric Soil Present	? Yes ○ No •		
Depth (inch	nes):										
Remarks:											
no hydric soil ir	ndicators obse	rved. possib	ole sorted circ	les, stones and cob	bles w/sai	ndy middles.					
HYDROLO	CV										
Wetland Hyd		ators:						Secondary Indi	cators (two or more are required)		
Primary Indica)						ned Leaves (B9)		
	Vater (A1)	is sumereme	,	Inundation V	isible on A	erial Image	rv (B7)				
High Water Table (A2)				☐ Inundation Visible on Aerial Imagery (B7) ☐ Sparsely Vegetated Concave Surface (B8)				Oxidized Rhizospheres along Living Roots (C3) Presence of Reduced Iron (C4)			
Saturation (A3)				Marl Deposits (B15)							
Water Marks (B1)				Hydrogen Sulfide Odor (C1)				Salt Depos	` ,		
Sediment Deposits (B2)									Stressed Plants (D1)		
☐ Drift Depo	osits (B3)			Other (Explai				Geomorph	ic Position (D2)		
Algal Mat	or Crust (B4)					,		Shallow Ac	juitard (D3)		
☐ Iron Depo	osits (B5)							Microtopog	graphic Relief (D4)		
Surface S	oil Cracks (B6))						FAC-neutra	l Test (D5)		
Field Observa	ations:										
Surface Water	r Present?	Yes C	No 💿	Depth (inche	es):						
Water Table F	Present?	Yes \subset	No 💿	Depth (inche	es):		Wetla	nd Hydrology Presen	t? Yes O No 💿		
Saturation Pre		Vec (No ⊙	Depth (inche).						
(includes capi	llary fringe)	103 0	110 0	Берит (піспе	:5).						
Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:											
Remarks: no wetland hydrology indicators observed											
no wetland hyd	irology indicat	ors observe	d								

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