WETLAND DETERMINATION DATA FORM - Alaska Region

Soil Map Unit Name: Are climatic/hydrologic conditions on the site typical for this time of Are Vegetation , Soil , or Hydrology signifi	§	Slope:	side, terrac	Sampling Point: SW13_T114_05 ee, hummocks etc.): crest			
Investigator(s): WAD, BAB Local relief (concave, convex, none): convex Subregion: Interior Alaska Mountains Li Soil Map Unit Name: Are climatic/hydrologic conditions on the site typical for this time of Are Vegetation , Soil , or Hydrology signification.	§	Slope:		· ·			
Local relief (concave, convex, none): Subregion: Interior Alaska Mountains Li Soil Map Unit Name: Are climatic/hydrologic conditions on the site typical for this time of Are Vegetation , Soil , or Hydrology signific		· —	% / 17.	1.9			
Subregion : Interior Alaska Mountains Soil Map Unit Name: Are climatic/hydrologic conditions on the site typical for this time of Are Vegetation , Soil , or Hydrology , significant sig	at.: 6			1 ° Elevation: 557			
Soil Map Unit Name: Are climatic/hydrologic conditions on the site typical for this time of Are Vegetation , Soil , or Hydrology signifi		2.781209111		Long.: -148.022281171 Datum: NAD83			
Are climatic/hydrologic conditions on the site typical for this time of Are Vegetation , Soil , or Hydrology signifi		2.701209111					
Are Vegetation , Soil , or Hydrology significant		Vas	No ○	NWI classification: Upland			
Are Vegetation □ , Soil □ , or Hydrology □ natura SUMMARY OF FINDINGS - Attach site map showing	cantly ally pro	disturbed?	Are "N (If nee	(If no, explain in Remarks.) Iormal Circumstances" present? Yes No Oeded, explain any answers in Remarks.)			
		Jing point		, transcoto, important roatares, etc.			
() () () () () () () () () ()	Is	the Sampled Area					
0 0		within a Wetland? Yes ○ No ●					
Wetland Hydrology Present? Yes No • Remarks: top of steep south facing slope. Bone dry, cliff in place:							
VEGETATION - Use scientific names of plants. List all	l spec	cies in the		Dominance Test worksheet:			
	over	Species?	Status	Number of Dominant Species That are OBL, FACW, or FAC: 1 (A)			
Populus tremuloides	5		FACU	Total Number of Dominant			
Picea glauca	20	✓	FACU	Species Across All Strata: 4 (B)			
3. Betula neoalaskana	40	~	FACU	Percent of dominant Species			
4	0			That Are OBL, FACW, or FAC: 25.0% (A/B)			
5	0			Prevalence Index worksheet:			
Total Cover:		Total % Cover of: Multiply by:					
Sapling/Shrub Stratum 50% of Total Cover: 32.5	20% o	of Total Cover:	13	OBL Species			
1. Juniperus communis	5		UPL	FACW Species 0 x 2 = 0			
Arctostaphylos uva-ursi	5		UPL	FAC Species <u>47</u> x 3 = <u>141</u>			
Populus tremuloides	10		FACU	FACU Species <u>86</u> x 4 = <u>344</u>			
4. Vaccinium vitis-idaea	45	✓	FAC	UPL Species <u>10</u> x 5 = <u>50</u>			
5. Shepherdia canadensis	5		FACU	Column Totals: <u>143</u> (A) <u>535</u> (B)			
6. Rhododendron groenlandicum	2		FAC	Prevalence Index = B/A = 3,741			
7	0			1 Tevalence muck - B/A			
8	0			Hydrophytic Vegetation Indicators:			
9	0			☐ Dominance Test is > 50%			
10	0			☐ Prevalence Index is ≤3.0			
Total Cover:	72 _ 20% (% of Total Cover: 14.4		Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)			
Geocaulon lividum	4	V	FACU	Problematic Hydrophytic Vegetation ¹ (Explain)			
Chamaenerion angustifolium	1		FACU	Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.			
3. Mertensia paniculata	1		FACU	be present, unless disturbed of problematic.			
4	0			Plot size (radius, or length x width)			
5	0			% Cover of Wetland Bryophytes			
6	0			(Where applicable)			
7	0			% Bare Ground			
8. 9.	0			Total Cover of Bryophytes			
10.	0			Hydronhytic			
	6	_		Hydrophytic Vegetation			
50% of Total Cover:3		of Total Cover:	1.2	Present? Yes ○ No ●			

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SOIL Sampling Point: SW13_T114_05

Profile Descripti		the depth n	eeded to docu	ment the indicator or co	onfirm the ab		cators)					
Depth (inches) Color (moist)			Color (moist) % Type ¹		Loc ²	Texture	Remarks					
0-1	COIOI (IIIC	JISC)	100	Color (Illoist)	<u>-70</u>	Туре	LUC	Fibric Organics	Tomano .			
1-3	10YR	5/4	100					Silt Loam	-			
								Silt Loam				
3-5	10YR	5/8	100									
5-8	2.5YR	5/4						Sand	75 percent rounded subangular cobbles 1 t			
							-					
¹ Type: C=Concentration. D=Depletion. RM=Reduced Matrix ² Location: PL=Pore Lining. RC=Root Channel. M=Matrix												
Hydric Soil I	ndicators:			Indicators for P	roblemati	c Hydric S	oils: ³					
Histosol or	Histel (A1)			Alaska Color C	hange (TA	4)		Alaska Gleyed Without Hue 5Y or Redder				
Histic Epip	edon (A2)			Alaska Alpine swales (TA5) Underlying Layer								
Hydrogen	Sulfide (A4)			Alaska Redox	With 2.5Y I	Hue		Other (Explain in Remark	(S)			
	Surface (A12)		3 One indicator of	f hydronhyd	tic vegetatio	n one nrin	nary indicator of wetland h	vydrology			
Alaska Gle	, , ,			and an appropria					ydrology,			
Alaska Red	dox (A14) yed Pores (A1	5)		4 Give details of o	color chang	e in Remarl	(S					
Restrictive Laye	er (if present):											
Type: none								Hydric Soil Present	? Yes ○ No •			
Depth (inch								,				
Remarks:												
sand and gravels suggest glaciofluvial feature. esker? No hydric soil indicators												
HYDROLO	GY											
Wetland Hydi		ators:						Secondary Indi	cators (two or more are required)			
Primary Indica			t)					Water Stained Leaves (B9)				
Surface Water (A1)				☐ Inundation \	/isible on A	erial Image	ry (B7)	Drainage Patterns (B10)				
High Water Table (A2)				Sparsely Veg	getated Cor	ncave Surfa	ce (B8)	Oxidized Rhizospheres along Living Roots (C3)				
Saturation (A3)				Marl Deposit	s (B15)			Presence of Reduced Iron (C4)				
Water Marks (B1)				☐ Hydrogen Sı				Salt Deposits (C5)				
Sediment Deposits (B2)							Stunted or Stressed Plants (D1)					
	☐ Drift Deposits (B3) ☐ Other (Explain in Remarks)							Geomorphic Position (D2)				
	☐ Algal Mat or Crust (B4)								☐ Shallow Aquitard (D3) ☐ Microtopographic Relief (D4)			
☐ Iron Depo	osits (B5) oil Cracks (B6)								rapnic Relier (D4) il Test (D5)			
Field Observa		1						FAC-fieutia	ir rest (D3)			
Surface Water		Yes (No ●	Depth (inch	ec).							
Water Table P			No •	, ,	,		Wotla	nd Hydrology Presen	t? Yes ○ No ●			
Saturation Pre		_	_	Depth (inche	es):		Wella	na nyarology Presen	ti les 🔾 NO 🔾			
(includes capil		Yes C	No 💿	Depth (inche	es):							
Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:												
Remarks:												
no hydrology indicators observed												

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