WETLAND DETERMINATION DATA FORM - Alaska Region

Landform (hillside, terrace, hummocks etc.): Terrace	c.
Landform (hillside, terrace, hummocks etc.): Terrace	um: WGS84
Local relief (concave, convex, none): hummock Slope: 3.0 % / 1.7 ° Elevation: 720 Subregion: Interior Alaska Mountains Lat.: 62.857427597 Long.: -148.492508173 Datt Soil Map Unit Name: Are climatichydrologic conditions on the site typical for this time of year? Are Vegetation	No C
Subregion : Interior Alaska Mountains	No C
Soil Map Unit Name: NWI classification: PSS1E	No C
Are climatic/hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.) Are Vegetation	c.
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SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, et Hydrophytic Vegetation Present? Yes	
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Hydrophytic Vegetation Present? Yes No No Hydric Soil Present? Yes No No Wetland Hydrology Present? Yes No No Within a Wetland? Yes No No Within a Wetland? Yes No No Within a Wetland? Yes	
Hydric Soil Present? Yes ● No ○ Wetland Hydrology Present? Yes ● No ○ Remarks: Odd site. Robust picgla on small, pronounced hummocks. Hummocks surrounded by salpul, calcan, and open water. Small r2v runs through communitity. Few scattered dead spruce along lakeshore. Photo time 12:15, #1182-1188 VEGETATION - Use scientific names of plants. List all species in the plot. Tree Stratum	ubh stream
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Tree Stratum Absolute % Cover % Species? Dominant Species Status Indicator Status 1. Picea glauca 10 ✓ FACU 2	
Absolute Species Status	
1. Picea glauca 10 ✓ FACU That are OBL, FACW, or FAC: Total Number of Dominant Species Across All Strata: Total Number of Dominant Species Across All Strata: Total Number of Dominant Species That Are OBL, FACW, or FAC: 75. 75. 5. 0 □ Percent of dominant Species That Are OBL, FACW, or FAC: 75. 75. 5. 0 □ Prevalence Index worksheet: Total % Cover of: Multiply by OBL Species 4 x 1 = FACW Species 4 x 1 = FACW Species 4 x 2 = FACW Species 4 x 2 = FACW Species 57.1 x 3 = FACW Species 57.1 x 3 = FACW Species 57.1 x 3 = FACW Species 13 x 4 = FACW Spe	
1. Picea glauca 2.	3 (A)
2.	<u>3</u> (A)
3.	4 (B)
4	
Total Cover: 0 Prevalence Index worksheet: Sapling/Shrub Stratum 50% of Total Cover: 5 20% of Total Cover: 2 OBL Species 4 x 1 = 1. Salix pulchra 40 ✓ FACW FACW Species 42 x 2 = 2. Dasiphora fruticosa 5 FAC FAC Species 57.1 x 3 = 3. Picea glauca 2 FACU FACU Species 13 x 4 = 4. Betula nana 2 FAC UPL Species 0 x 5 = 5. Rosa acicularis 1 FACU Column Totals: 116.1 (A) 6	.0% (A/B)
Total Cover:	
Sapling/Shrub Stratum 50% of Total Cover: 5 20% of Total Cover: 2 OBL Species 4 x 1 = 1. Salix pulchra 40 ✓ FACW FACW Species 42 x 2 = 2. Dasiphora fruticosa 5 FAC FACU Species 57.1 x 3 = 3. Picea glauca 2 FACU FACU FACU Species 13 x 4 = 4. Betula nana 2 FAC FACU FACU FACU Species 0 x 5 = 5. Rosa acicularis 1 FACU FACU FACU FACU FACU FACU FACU FACU	/:
1. Salix pulchra 40 ✓ FACW FACW Species 42 x 2 = x 2 = 2. Dasiphora fruticosa 5 FAC FAC Species 57.1 x 3 = 3. Picea glauca 2 FACU FACU Species 13 x 4 = 4. Betula nana 2 FAC UPL Species 0 x 5 = 5. Rosa acicularis 1 FACU Column Totals: 116.1 (A) 6.	4
2. Dasiphora fruticosa 3. Picea glauca 4. Betula nana 5. Rosa acicularis 6. 0 7. 0 8. 0 9. 0 10. Total Cover: 50 FAC FAC	84
3. Picea glauca 2	171.3
4. Betula nana 2	52
5. Rosa acicularis 1 □ FACU Column Totals: 116.1 (A) 6. 0 □ Prevalence Index = B/A = 2.0 8. 0 □ Hydrophytic Vegetation Indicators: 9. 0 □ ✓ Dominance Test is > 50% 10. Total Cover: 50 □ Morphological Adaptations 1 (Provide support of the suppo	0
6.	
7.	<u>311.3</u> (B)
Note 10 10 10 10 10 10 10 1	681_
9	
10	
Total Cover: 50 Morphological Adaptations ¹ (Provide sup	
inorphological Adaptations (Frovide Sup	
Herb Stratum 50% of Total Cover: 25 20% of Total Cover: 10 Remarks or on a separate sheet)	
1. Calamagrostis canadensis 30 FAC Problematic Hydrophytic Vegetation 1 (Ex	xplain)
2. Equisetum arvense	gy must
3. Cornus suecica 5 EAC be present, unless disturbed or problematic.	
4. Comarum palustre 2 OBL Plot size (radius, or length x width)	10m
5. Carex aquatilis 2 OBL % Cover of Wetland Bryonhytes	LOIT
6. Sanguisorba officinalis 1 FACW (Where applicable)	
7. Petasites frigidus 1 FACW % Bare Ground	0
0.4	10
9. Chamerion angustifolium 0.1 FACU	
10. Rubus chamaemorus O.1 Hydrophytic	
Total Cover: 56.3 Vegetation 50% of Total Cover: 28.15 20% of Total Cover: 11.26 Present? Yes • No	
50% of Total Cover: 28.15 20% of Total Cover: 11.26 Present? Yes • No	
Remarks: traces of carex loliacea, rubus arctica, acudel, caraqu, comarum around flooded depressions.	

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SOIL Sampling Point: SW13_T122_04

Profile Descript	ion: (Describe to t	he depth r	needed to doc	ument the in-	dicator or con	firm the abs	sence of indic	cators)	-	, rome. 51115_1112_54	
Depth		latrix				ox Featu	res		_		
(inches)	Color (moi	st)	%	Color (n	noist)	<u>%</u>	Type ¹	Loc ²	Texture	Remarks	
0-5			100%						Hemic Organics		
5-9	2.5Y	3/2	85%	7.5YR	3/4	15%	C	PL	Silt Loam	w/5% ox rihiz	
9-12	5Y	4/2	85%	10YR	4/4	15%	С	PL	Silt Loam	w/2% ox rhiz	
						-					
						-		-	-		
¹Type: C=Co	ncentration. D=	Depletion	n. RM=Redu		² Location	: PL=Pore	 e Linina. RO	=Root Cha	annel. M=Matrix		
					ors for Pro						
Hydric Soil I					ka Color Cha		4	olis.	Alacka Cloved Without H	luo SV or Raddor	
	r Histel (A1) bedon (A2)						-		☐ Alaska Gleyed Without Hue 5Y or Redder Underlying Layer		
	Sulfide (A4)									ks)	
_ ′ ′	k Surface (A12)				na neuox W	101 2.51 1	ide		· ·	•	
	eyed (A13)								mary indicator of wetland h	ıydrology,	
✓ Alaska Re				and an	appropriate	e landscap	e position i	must be pr	esent		
	eyed Pores (A15)		4 Give	details of col	lor change	e in Remark	KS			
Doctrictivo Lav	or (if procept):	<u>, </u>									
Restrictive Layer Type: froz									Hydric Soil Present	:? Yes • No O	
Depth (incl									nyuric Son Present	r fes 😌 NO 🖰	
, ,	103). 12										
Remarks:											
HYDROLO											
-	rology Indicat		_						Secondary Indicators (two or more are required)		
	itors (any one is	sufficier	nt)							ined Leaves (B9)	
✓ Surface V	` '				☐ Inundation Visible on Aerial Imagery (B7)				☐ Drainage Patterns (B10)		
✓ High Wat	, ,	Sparsely Vegetated Concave Surface (B8)				ce (B8)		Rhizospheres along Living Roots (C3)			
Saturation	` '				arl Deposits	. ,				of Reduced Iron (C4)	
☐ Water Ma					drogen Sulf				☐ Salt Depos		
	Deposits (B2)				y-Season W					r Stressed Plants (D1)	
Drift Dep				☐ Ot	ther (Explain	in Rema	rks)			ic Position (D2)	
	or Crust (B4)								✓ Shallow Ac		
Iron Depo	osits (B5)								✓ Microtopog	graphic Relief (D4)	
☐ Surface S	oil Cracks (B6)								FAC-neutra	al Test (D5)	
Field Observa	ations:										
Surface Wate	r Present?		⊃ No ⊙		epth (inches	s): 6					
Water Table F	Present?	Yes(○ No ⊙	De	epth (inches	s): 5		Wetla	nd Hydrology Presen	nt? Yes • No O	
Saturation Pro (includes capi		Yes (○ No ●	De	epth (inches	s): 1					
	ded Data (strea	ım gauge	e, monitor w	ell, aerial p	hotos, previ	ious inspe	ction) if ava	ailable:			
Remarks:											
	Is of water through alpha alpha-dip				ar permaner	ntly floode	ed (unveget	tated) with	fringe of compal and sedg	ges. 5% ox rhiz in 3-5 in layer,	
positive rail to	аірпа аірпа аір	yridyi iii	top 12 men								

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