WETLAND DETERMINATION DATA FORM - Alaska Region

Investigator(s): SLI, SCB Landform (hillside, terrace, hummocks etc.): Terrace Local relief (concave, convex, none): hummock Slope: % / 2.3 ° Elevation: 714 Subregion: Interior Alaska Mountains Lat.: 62.8563109644 Long.: -148.492137909 Datum Soil Map Unit Name: NWI classification: PSS1E 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 "Normal Circumstances" present? Yes •	T122_04										
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, , , , , , , , , , , , , , , , , , , ,	No O										
, , , , , , , , , , , , , , , , , , ,											
SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc.											
Hydrophytic Vegetation Present? Yes No No Is the Country of the											
Hydric Soil Present? Yes No Soil Present?											
Wetland Hydrology Present? Yes No Within a Wetland? Yes No Ves	within a Wetland? Yes ● No ○										
Remarks: Odd site. Robust picgla on small, pronounced hummocks. Hummocks surrounded by salpul, calcan, and open water. Small r2ubh	stream runs										
through communitiy. Few scattered dead spruce along lakeshore.											
VEGETATION -Use scientific names of plants. List all species in the plot.											
Dominance Test worksheet											
Tree Stratum Absolute Dominant Indicator % Cover Species? Status Number of Dominant Species											
1. Picea glauca 10 FACU That are OBL, FACW, or FAC: 3	(A)										
2 Total Number of Dominant Species Across All Strata: 4	(B)										
3 Percent of dominant Species	(5)										
4. 0 That Are OBL, FACW, or FAC: 75.0	% (A/B)										
5. Prevalence Index worksheet:											
Total Cover: 10 Total % Cover of: Multiply by:											
Sapling/Shrub Stratum 50% of Total Cover: 5 20% of Total Cover: 2 OBL Species 4 x 1 =	4										
1. Salix pulchra 40 ✓ FACW Species 42 x 2 =	 84										
2 Desighers frutions	171.3										
3 Disco sloves 13 x4 =	52										
4. Betula nana 2 FAC UPL Species 0 x 5 =	0										
5 Percent late	311.3 (B)										
6.											
7	<u> 31</u>										
8 Hydrophytic Vegetation Indicators:											
9											
10 0											
Total Cover: 50	orting data in										
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 (Exp											
2. Equisetum arvense	/ must										
3. Cornus suecica 5 FAC be present, unless disturbed or problematic.											
4. Comarum palustre 2 OBL Plot size (radius, or length x width) 10	lm										
5. Carex aquatilis 2											
6. Sanguisorba officinalis 1 FACW (Where applicable)											
0 Valariana agritata											
Total cover of bi yophiyees 10	<u> </u>										
District the second sec											
nyurophytic											
Total Cover:56.3_ Vegetation 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 inc	dicator or con	firm the abs	sence of indic	cators)	-	710mc 54415_1122_0+	
Depth		1atrix				ox Featu	res		_		
(inches)	Color (moi	st)	%	Color (m	noist)	<u>%</u>	Type ¹	<u>Loc</u> 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	າ. RM=Redu	iced Matrix	² Location:	: PL=Pore	e Lining. RC	C=Root Cha	annel. M=Matrix		
Hydric Soil I	ndicators:			Indicat	ors for Pro	blematic	Hydric S	oils: ³			
Histosol o	r Histel (A1)			Alas	ka Color Cha	ange (TA4	4 1)		Alaska Gleyed Without H	ue 5Y or Redder	
Histic Epip	pedon (A2)			Alas	ka Alpine sv	vales (TA5	5)	_	Underlying Layer		
Hydrogen	Sulfide (A4)			Alas	ka Redox W	ith 2.5Y F	lue		Other (Explain in Remarl	(S)	
☐ Thick Darl	k Surface (A12)			•							
Alaska Gle	eyed (A13)			3 One in	ndicator of h appropriate	nydrophyt • landscan	ic vegetation in	on, one prir must be pr	mary indicator of wetland hesent	nydrology,	
✓ Alaska Re	dox (A14)					•	•	·			
Alaska Gle	eyed Pores (A15	·)		4 Give o	details of col	lor change	e in Remark	KS .			
Restrictive Laye	er (if present):										
Type: froz									Hydric Soil Present	? Yes • No O	
Depth (incl									,		
Remarks:											
HYDROLO	G <u>Y</u>							<u> </u>			
Wetland Hyd	rology Indicat	tors:							_Secondary Indi	cators (two or more are required	<u>(t</u>
Primary Indica	ntors (any one is	s sufficier	nt)						Water Stai	ned Leaves (B9)	
✓ Surface V	` ,			In	undation Vis	sible on A	erial Image	ry (B7)	_	Patterns (B10)	
✓ High Wat	` '				arsely Vege		cave Surfa	ce (B8)		hizospheres along Living Roots ((C3)
✓ Saturation	. ,				arl Deposits	. ,				of Reduced Iron (C4)	
☐ Water Ma					drogen Sulf				☐ Salt Depos		
	Deposits (B2)				y-Season W					Stressed Plants (D1)	
☐ Drift Depo				∐ Ot	ther (Explain	in Rema	rks)			ic Position (D2)	
	or Crust (B4)								✓ Shallow Ac		
☐ Iron Depo	` ,									graphic Relief (D4)	
	oil Cracks (B6)								☐ FAC-neutra	al Test (D5)	
Field Observa		· · · · · ·) N= @	_		_					
Surface Wate	r Present?		O No 💿		epth (inches	s): 6					
Water Table F	Present?	Yes	○ No ⊙	De	epth (inches	s): 5		Wetla	nd Hydrology Presen	it? Yes 💿 No 🔾	
Saturation Pre (includes capi		Yes C	No ●	De	epth (inches	s): 1					
	ded Data (strea	am gauge	e, monitor w	ell, aerial p	hotos, previ	ious inspe	ction) if ava	ailable:			
Damada											
Remarks:	la of water three	abaut ai	to over det	h Cin anna		ath effected	d (unungant	tatad) with	frings of sampal and sada	too FO/ overhim in 2 F in layer	
	alpha alpha-dip				ar permaner	пиу пооае	ea (unveget	tated) with	rringe or compai and sedg	es. 5% ox rhiz in 3-5 in layer,	

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