WETLAND DETERMINATION DATA FORM - Alaska Region

	Sampli ide, terrace, hummocks etc.): % / 2.0 ° Elevation: 57	ing Point: S	W12_T91_02
		Footslope	
Slope: 3.5	% / 2.0 ° Elevation: 57		
	011	7	
at.: 62.6879499088	Long.: -148.92158	9968 D	atum: WGS84
	NWI class	ification: PSS1E	3
year? Yes cantly disturbed? ally problematic?	Are "Normal Circumstances"	" present? Yes	
sampling point l	ocations, transects, impo	rtant features,	etc.
- -	year? Yes (cantly disturbed? Ily problematic?	NWI class year? Yes No	NWI classification: PSS1E year? Yes No

Hydrophytic Vegetation Present? Hydric Soil Present? Wetland Hydrology Present?	Yes ● Yes ● Yes ●	No	Is the Sampled Area within a Wetland?	Yes 🖲 No 🔿
Remarks: Fnwbs w dense willow under	story			

VEGETATION - Use scientific names of plants. List all species in the plot.

		Ab	solute	Dominant	Indicator	Dominance Test worksheet:
Tre	e Stratum		Cover	Species?	Status	Number of Dominant Species
1.	Picea mariana		15	\checkmark	FACW	That are OBL, FACW, or FAC: <u>5</u> (A)
2.			0			Total Number of Dominant Species Across All Strata: 5 (B)
3.			0			Percent of dominant Species
4.			0			That Are OBL, FACW, or FAC:(A/B)
5.			0			Prevalence Index worksheet:
	Total Co	ver:	15			Total % Cover of: Multiply by:
Sap	ling/Shrub Stratum 50% of Total Cover:	7.5	20%	of Total Cover:	3	OBL Species $11 \times 1 = 11$
1	Salix pulchra		35		FACW	FACW Species $68 \times 2 = 136$
2.	Salix barelavi		30		FAC	FAC Species 157 x 3 = 471
3.	Vaccinium uliginosum		30		FAC	FACU Species 2 x 4 = 8
4.	Potulo nono		8		FAC	UPL Species $0 \times 5 = 0$
5.	Vaccinium vitis-idaea		3		FAC	
6	Ledum decumbens		2		FACW	Column Totals: <u>238</u> (A) <u>626</u> (B)
7.	Empetrum nigrum		2		FAC	Prevalence Index = B/A = 2.630
8.	· · · · ·		0			Hydrophytic Vegetation Indicators:
			0			✓ Dominance Test is > 50%
			0			✓ Prevalence Index is ≤ 3.0
	Total Co		110			Morphological Adaptations ¹ (Provide supporting data in
Her	b Stratum 50% of Total Cover:	55	20%	of Total Cover:	22	Remarks or on a separate sheet)
1.	Equisetum arvense		80	\checkmark	FAC	Problematic Hydrophytic Vegetation ¹ (Explain)
2.	Comarum palustre		10		OBL	¹ Indicators of hydric soil and wetland hydrology must
3.	Sanguisorba canadensis		10		FACW	be present, unless disturbed or problematic.
4.	Rumex arcticus		3		FAC	Plot size (radius, or length x width) <u>10m</u>
5.	Cornus canadensis		2		FACU	% Cover of Wetland Bryophytes80
6.	Carex aquatilis		1		OBL	(Where applicable)
7.	Rubus chamaemorus		2		FACW	% Bare Ground
8.	Calamagrostis canadensis		1		FAC	Total Cover of Bryophytes 80
9.	Arctagrostis latifolia		2		FACW	
10.	Petasites frigidus		2		FACW	Hydrophytic
	Total Co	ver:	113			Vegetation
	50% of Total Cover:	56.5	20%	of Total Cover:	22.6	Present? Yes No
Rem	arks:					

	Color (mo	ist)	%	Color (moist)	%	Type ¹	Loc 2	Texture	Remarks
0-5			85					Fibric Organics	15% roots
5-12			85					Hemic Organics	15% roots
12-18	10YR	2/2	80			· ·		Silt Loam	20% Rounded-ang cobble-gravel
					-				
	p				· .				
Type: C=Con	centration. D=	-Depletion	. RM=Reduc	ced Matrix ² Location	1: PL=Pore	e Lining. RC	=Root Cha	nnel. M=Matrix	-
lydric Soil In	dicators:			Indicators for Pro	oblematic	: Hydric So	oils ³		
Histosol or				Alaska Color Ch		4		Alaska Gleyed Without H	ue 5Y or Redder
Histic Epipe	. ,			Alaska Alpine s		-	_	Underlying Layer	
Hydrogen S	Sulfide (A4)			Alaska Redox V	Vith 2.5Y H	lue		Other (Explain in Remark	ട)
_	Surface (A12))		3 One indicator of	bydrophyti	ic vocatatio	n one prin	nary indicator of wetland h	waralaay
Alaska Gley				and an appropriat					yurology,
Alaska Red	. ,			⁴ Give details of co	olor change	- in Remark	5		
	ed Pores (A1	5)							
estrictive Layer	r (if present):						1		
								_	
Туре:	· _ \ .							Hydric Soil Present	? Yes 🖲 No 🔾
Type: Depth (inche	es):							Hydric Soil Present	? Yes 🖲 No 🖯
Type: Depth (inche emarks:								Hydric Soil Present	? Yes • No O
Type: Depth (inche emarks: YDROLOC	GY	tors:							? Yes No cators (two or more are required)
Type: Depth (inche emarks: YDROLO(Vetland Hydro	GY ology Indica		.)						
Type: Depth (inche temarks: YDROLOC Vetland Hydro Primary Indicate Surface Wa	GY ology Indica cors (any one i ater (A1)			Inundation Vi		5	, , ,	Secondary Indi Water Stai Drainage F	cators (two or more are required)_ ned Leaves (B9) Patterns (B10)
Type: Depth (inche Remarks: IYDROLOO Vetland Hydre Primary Indicate Surface Wa I High Water	GY ology Indica tors (any one i ater (A1) r Table (A2))	Sparsely Vege	etated Con	5	, , ,	Secondary Indi Water Stai Drainage F Oxidized R	cators (two or more are required) ned Leaves (B9) Patterns (B10) hizospheres along Living Roots (C3
Type: Depth (inche temarks: VPDROLOC Vetland Hydro Primary Indicate Surface Wa V High Water V Saturation	GY ology Indica ors (any one i ater (A1) r Table (A2) (A3)		.)	Sparsely Vege	etated Con s (B15)	ncave Surfac	, , ,	Secondary Indi Water Stai Drainage F Oxidized R Presence c	cators (two or more are required) ned Leaves (B9) Patterns (B10) hizospheres along Living Roots (C3 of Reduced Iron (C4)
Type: Depth (inche temarks: YDROLOC Vetland Hydro Primary Indicate Surface Wa I High Water Saturation Water Marl	GY ology Indica ors (any one i ater (A1) r Table (A2) (A3) ks (B1)		.)	Sparsely Vege Marl Deposits Hydrogen Sul	etated Con s (B15) Ifide Odor (ncave Surfac	, , ,	Secondary India Water Stai Drainage F Oxidized R Presence c Salt Depos	cators (two or more are required) ned Leaves (B9) Patterns (B10) hizospheres along Living Roots (C3 of Reduced Iron (C4) its (C5)
Type: Depth (inche temarks: YDROLOC Vetland Hydro Primary Indicate Surface Wa Saturation Water Marl Sediment I	GY ology Indica ors (any one i ater (A1) r Table (A2) (A3) ks (B1) Deposits (B2)		.)	Sparsely Vege Marl Deposits Hydrogen Sul Dry-Season V	etated Con s (B15) Ifide Odor (Water Table	(C1) e (C2)	, , ,	Secondary India	cators (two or more are required) ned Leaves (B9) Patterns (B10) hizospheres along Living Roots (C3 of Reduced Iron (C4) its (C5) Stressed Plants (D1)
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