## WETLAND DETERMINATION DATA FORM - Alaska Region

	dform (hillside terrac		.3_T112_01		
nvestigator(s): SLI, SCB Land	dform (hillside terrac				
	Landform (hillside, terrace, hummocks etc.): Hillside				
	Slope: 15.0 % / 8.5 ° Elevation: 809				
			ım: WGS84		
Soil Map Unit Name:		NWI classification: PSS1B			
Are climatic/hydrologic conditions on the site typical for this time of year?  Are Vegetation , Soil , or Hydrology significantly dis  Are Vegetation , Soil , or Hydrology naturally proble		(If no, explain in Remarks.)  Iormal Circumstances" present? Yes ●  eded, explain any answers in Remarks.)	No O		
SUMMARY OF FINDINGS - Attach site map showing sampling	ng point locations	s, transects, important features, et	C.		
Hydrophytic Vegetation Present? Yes  No  Hydric Soil Present? Yes  No  Wetland Hydrology Present? Yes  No	Is the Sampled Area within a Wetland? Yes ● No ○				
, 0,					
Remarks: photo time 1115,#s1287-1290 low-dwarf shrubs amidst tall willow and alder w scattered pice community	a. obvious topo brea	k between steep upslope tall open shrub ar	nd this		
<b>/EGETATION</b> - Use scientific names of plants. List all species	s in the plot.				
	ominant Indicator pecies? Status	Dominance Test worksheet:  Number of Dominant Species That are OBL, FACW, or FAC:	3 (A)		
1		Total Number of Dominant	<u>3</u> (A)		
20			4 (B)		
3		Percent of dominant Species			
4		That Are OBL, FACW, or FAC: 75.	.0% (A/B)		
5		Prevalence Index worksheet:			
Total Cover:0_		Total % Cover of: Multiply by	:		
Sapling/Shrub Stratum 50% of Total Cover:0 20% of Total	otal Cover: 0	OBL Species x 1 =	0		
1. Betula nana 20	FAC	FACW Species 31 x 2 =	62		
2. Vaccinium uliginosum 40	FAC	FAC Species <u>76.1</u> x 3 =	228.3		
3. Vaccinium vitis-idaea 10	FAC FAC	FACU Species 5.1 x 4 =	20.4		
4. Ledum decumbens 20	FACW	UPL Species 0 x 5 =	0		
5. Salix pulchra 10	FACW	Column Totals: 112.2 (A)	<u>310.7</u> (B)		
6. Empetrum nigrum 5	L FAC	Prevalence Index = B/A = 2.7	769_		
7. Picea glauca 0.1	FACU FACU				
8		Hydrophytic Vegetation Indicators:			
9		✓ Dominance Test is > 50%			
10		Prevalence Index is ≤3.0			
Total Cover:105_           Herb Stratum         50% of Total Cover:52.55 20%	_	Morphological Adaptations (Provide sup Remarks or on a separate sheet)			
1. Bistorta plumosa 5	FACU	Problematic Hydrophytic Vegetation <sup>1</sup> (Ex			
2. Carex bigelowii 1 3. Rubus chamaemorus 1	FAC FACW	<sup>1</sup> Indicators of hydric soil and wetland hydrolog be present, unless disturbed or problematic.	gy must		
J	FACW FAC	25 p. eserity arress disturbed of problematic.			
	FAC	Plot size (radius, or length x width) _1	10m		
·	<u> </u>	% Cover of Wetland Bryophytes			
0.		(Where applicable)  % Bare Ground	<b>1</b>		
7			)		
90		I otal cover of bryophytes	30		
10.		Hydrophytic			
Total Cover: 7.1		Hydrophytic Vegetation			
50% of Total Cover: 3.55 20% of To	otal Cover: <u>1.42</u>	Present? Yes • No ·			

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SOIL Sampling Point: SW13\_T112\_01

Profile Description		the depth n	eeded to docu	ment the indicator or co	onfirm the ab		cators)	_			
(inches)	Color (mo	ist)	%	Color (moist)	%	Type <sup>1</sup>	Loc <sup>2</sup>	Texture	Remarks		
0-2					. –			Hemic Organic			
2-4	10YR	2/1	100					Sapric Organic			
4-9		2/2	100					Hemic Organic	w thin band of 2.5Y5/3 silt at 8in		
									William Sand St. E.S. 19, 2 St. 2 .		
		-Depletion	RM=Reduc	eed Matrix <sup>2</sup> Location				annel. M=Matrix			
Hydric Soil I				Indicators for Pi		4	oils:	7			
	r Histel (A1)			Alaska Color C			L	Alaska Gleyed Without Hue 5Y or Redder Underlying Layer			
✓ Histic Epip				☐ Alaska Alpine s	•	•		Other (Explain in Remark	ve)		
	Sulfide (A4)			☐ AldSKd Redux	NITH Z.JI I	Hue		Other (Explain in Non.a.)	3)		
l —	Surface (A12)	1						mary indicator of wetland h	nydrology,		
Alaska Gle				and an appropria					,		
	eyed Pores (A15	5)		<sup>4</sup> Give details of c	olor chang	e in Remark	ks				
Restrictive Laye	er (if present):										
Type: froze	en							<b>Hydric Soil Present</b>	? Yes • No O		
Depth (inch	nes): 9										
HYDROLO	G <u>Y</u>										
Wetland Hydi	rology Indica	tors:						Secondary Indi	cators (two or more are required)		
Primary Indica	tors (any one i	s sufficien	.t)					Water Stai	ned Leaves (B9)		
Surface W	. ,			Inundation V		_			Patterns (B10)		
	✓ High Water Table (A2) Sparsely Vegetated Concave Surface					` '					
✓ Saturation	. ,			Marl Deposit	, ,				of Reduced Iron (C4)		
Water Mai				☐ Hydrogen Su				Salt Depos			
	Deposits (B2)			☐ Dry-Season					Stressed Plants (D1)		
Drift Depo	or Crust (B4)			Other (Expla	in in Rema	ırks)		☐ Geomorph  Shallow Ac	ic Position (D2)		
☐ Algai Mat	` ,								graphic Relief (D4)		
	oil Cracks (B6)								al Test (D5)		
Field Observa								IAC IICaac	i lest (D3)		
Surface Water		Yes C	No ●	Depth (inche	as):						
Water Table P			No O		•		Wetla	nd Hydrology Presen	it? Yes • No O		
Saturation Pre				Depth (inche	3S): /		W CCIG	ilu fiyarology r resen	t: 165 C NO C		
(includes capil	llary fringe)		No O	Depth (inche							
Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:											
Remarks:											

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