## WETLAND DETERMINATION DATA FORM - Alaska Region

Subregion : Interior Alaska Mountains  Lat.: 63.381722927  Long.: -14  Soil Map Unit Name:  Are climatic/hydrologic conditions on the site typical for this time of year?  Yes No (If no, Are Vegetation , Soil , or Hydrology significantly disturbed?  Are "Normal Circuity of the state of year?"	Sampling Point: <b>SW13_T149_05</b> Its etc.): Hillside  Ition: 697  48.480742455 Datum: WGS84  WWI classification: PSS1B		
Investigator(s): SLI, EAC  Local relief (concave, convex, none): hummocky  Slope: 36.3 % / 20.0 ° Elevation  Subregion: Interior Alaska Mountains  Lat.: 63.381722927  Long.: -14  Soil Map Unit Name:  Are climatic/hydrologic conditions on the site typical for this time of year?  Yes No (If no, Are Vegetation , Soil , or Hydrology significantly disturbed?  Are "Normal Circuit	tion: 697 48.480742455 Datum: WGS84		
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Are climatic/hydrologic conditions on the site typical for this time of year? Yes No (If no, Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circui			
Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circuit			
SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transect	explain in Remarks.)  mstances" present? Yes  No  nany answers in Remarks.)  ss, important features, etc.		
Hydrophytic Vegetation Present? Yes No Signature No Signa	3		
Hydric Soil Present? Tes Soil No Soil Present? Westland?	Yes  No		
Wetland Hydrology Present? Yes   No   No   Within a Wetland?	1.00 - 1.10 -		
Remarks: northern aspect wetland w near-surface active layer. bound is at toe of slope - wetland swale a white spruce forest.  VEGETATION -Use scientific names of plants. List all species in the plot.	t toe of slope, transitioning to non-wetland		
	e Test worksheet:		
Absolute Dominant Indicator	Dominant Species		
	BL, FACW, or FAC:5(A)		
Total Numb	per of Dominant cross All Strata: 6 (B)		
3 Species Ac	<del></del>		
	dominant Species BL, FACW, or FAC: 83.3% (A/B)		
5	e Index worksheet:		
	I % Cover of: Multiply by:		
500/ (T. LIC	Species $0 \times 1 = 0$		
FACM	V Species 57 x 2 = 114		
1. Betala Hand	Species 83.1 x 3 = 249.3		
2. Ecdam decambers	J Species 14 x 4 = 56		
	Species 0 x 5 = 0		
5 0 50	nn Totals: <u>154.1</u> (A) <u>419.3</u> (B)		
6. Salix pulchra 40 🗹 FACW			
7. Spiraea stevenii 2 FACU Preva	alence Index = B/A = <u>2.721</u>		
8. Picea glauca 5 FACU Hydrophyt	ic Vegetation Indicators:		
9. 0 Domin	nance Test is > 50%		
	ence Index is ≤3.0		
	Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)		
1. Bistorta plumosa 2 FACU Proble	ematic Hydrophytic Vegetation <sup>1</sup> (Explain)		
	of hydric soil and wetland hydrology must		
3. Calamagrostis canadensis	unless disturbed or problematic.		
4. Petasites frigidus 5 FACW Plot size (ra	adius, or length x width)		
5. Cornus suecica 1 FAC % Cover of	Wetland Bryophytes		
6. Claytonia sarmentosa O.1 FAC (Where app	plicable)		
7 % Bare Gro			
	of Bryophytes 90		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			
10 0 Hydroph:  Total Cover: 22.1 Vegetati			
50% of Total Cover: <u>11.05</u> 20% of Total Cover: <u>4.42</u> <b>Present?</b>			
Remarks: sparse lichen cover - 2%.			

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SOIL Sampling Point: SW13\_T149\_05

Profile Description: ([		ne depth need <b>atrix</b>	led to docume		onfirm the abs		ators)		
Depth —— (inches)	Color (mois	;t)	%	Color (moist)	%	Type <sup>1</sup>	_Loc_2	Texture	Remarks
0-5	5YR		100	(,		-7,5-		Fibric Organics	
5-15	5YR		100					Sapric Organics	pretty high amount of mineral content (silt)
								Suprice Organice	pretty high amount of mineral content (sitt)
								-	
<sup>1</sup> Type: C=Concent	tration. D=I	Depletion. R	M=Reduced	d Matrix <sup>2</sup> Locatio	n: PL=Pore	Lining. RC	=Root Cha	nnel. M=Matrix	
Hydric Soil Indica	ators:			Indicators for P	roblematic	Hydric So	oils: <sup>3</sup>		
Histosol or Hist	tel (A1)			Alaska Color C	hange (TA4	)4		Alaska Gleyed Without H	ue 5Y or Redder
✓ Histic Epipedon	n (A2)			Alaska Alpine	swales (TA5	)	_	Underlying Layer	
Hydrogen Sulfic	de (A4)			Alaska Redox	With 2.5Y H	ue		Other (Explain in Remark	s)
Thick Dark Sur	face (A12)			•					
Alaska Gleyed (	(A13)			One indicator of and an appropria				nary indicator of wetland h	ydrology,
Alaska Redox (	(A14)				•	•		23CHC	
Alaska Gleyed I	Pores (A15)	)		<sup>4</sup> Give details of o	color change	in Remark	(S		
Restrictive Layer (if	present):								
Type: active lay	yer							Hydric Soil Present	? Yes 💿 No 🔾
Depth (inches):	15								
HYDROLOGY	,								
HYDROLOGY Wetland Hydrolog		ors:						Secondary Indi	cators (two or more are required)
HYDROLOGY Wetland Hydrolog Primary Indicators	gy Indicat								cators (two or more are required)ned Leaves (B9)
Wetland Hydrolog	gy Indicat (any one is			☐ Inundation \	/isible on Ae	erial Image	ry (B7)	Water Stair	
Wetland Hydrolog Primary Indicators	gy Indicat (any one is (A1)			☐ Inundation \				Water Stail Drainage P	ned Leaves (B9)
Wetland Hydrolog Primary Indicators Surface Water	gy Indicat (any one is (A1) able (A2)				getated Cond			Water Stain Drainage P Oxidized R	ned Leaves (B9) atterns (B10)
Wetland Hydrolog Primary Indicators Surface Water High Water Ta	gy Indicat (any one is (A1) able (A2)			Sparsely Veg	getated Cond s (B15)	cave Surfac		Water Stain Drainage P Oxidized R	ned Leaves (B9) latterns (B10) hizospheres along Living Roots (C3) f Reduced Iron (C4)
Primary Indicators Surface Water High Water Ta Saturation (A3	gy Indicat (any one is (A1) able (A2) s) B1)			Sparsely Veg	getated Cond s (B15) ulfide Odor (	cave Surfac		Water Stain Drainage P Oxidized R Presence o Salt Depos	ned Leaves (B9) latterns (B10) hizospheres along Living Roots (C3) f Reduced Iron (C4)
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Wetland Hydrolog Primary Indicators Surface Water High Water Ta Saturation (A3 Water Marks (I Sediment Depo	gy Indicat (any one is (A1) (ble (A2) (b) B1) osits (B2) (B3)			Sparsely Veg Marl Deposit Hydrogen St Dry-Season	getated Cond s (B15) ulfide Odor ( Water Table	cave Surfac		Water Stail Drainage P Oxidized R Presence o Salt Depos Stunted or	hed Leaves (B9) Patterns (B10) Patterns (B10) Patterns (B10) Patterns (C3) Patterns (C4) Patterns (C4) Patterns (C5) Patterns (C5) Patterns (C5) Patterns (C6) Patterns (C7) Patterns (C
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