WETLAND DETERMINATION DATA FORM - Alaska Region

	W13_T205_04		
	VIJ 1200 UT		
investigator(s): SLI, EAC Landform (hillside, terrace, hummocks etc.): Flat			
Local relief (concave, convex, none): flat Slope: % / 1.8 ° Elevation: 709			
	atum: NAD83		
Soil Map Unit Name: NWI classification: PSS1B Are climatic/hydrologic conditions on the site typical for this time of year? Yes No (If no. explain in Remarks.)	<u>i</u>		
Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features,			
Hydrophytic Vegetation Present? Yes No No State Sampled Area Hydric Soil Present? Yes No State Sampled Area Within a Wetland? Yes No State Sampled Area			
Wetland Hydrology Present? Yes No No within a Wetland? Yes No No			
/EGETATION - Use scientific names of plants. List all species in the plot. Absolute Dominant Indicator Dominance Test worksheet:			
Tree Stratum % Cover Species? Status Number of Dominant Species			
1. Picea glauca 0.1 FACU That are OBL, FACW, or FAC:	(A)		
2 Total Number of Dominant Species Across All Strata:	3 (B)		
3. Percent of dominant Species			
	L00.0% (A/B)		
5 O Prevalence Index worksheet:			
Total Cover:0.1 Total % Cover of: Multiply	by:		
Sapling/Shrub Stratum 50% of Total Cover: 0.05 20% of Total Cover: 0.02 OBL Species 0 x 1 =	0		
1. Picea glauca 0.1 FACW Species 17 x 2 =	34		
2. Betula nana 20 FAC Species 68 x 3 =	204		
3. Salix pulchra 1 FACU Species 0.2 x 4 =	0.800		
4. Empetrum nigrum 15 FAC UPL Species 0 x 5 =	0		
5. Vaccinium uliginosum 20 FAC Column Totals: 85.2 (A)	_238.8_ (B)		
6. Rhododendron tomentosum 15 FACW			
7. Vaccinium vius-idaea 5 PAC	2.803		
8. Betula glandulosa 1 FAC Hydrophytic Vegetation Indicators:			
9 0			
10 0			
Total Cover:77.1 Morphological Adaptations ¹ (Provide separate sheet)			
1. Carex bigelowii 7 FAC Problematic Hydrophytic Vegetation 1			
2. Rubus chamaemorus 1 FACW 1 Indicators of hydric soil and wetland hydrough be present, unless disturbed or problemation.	ology must c.		
4 Plot size (radius, or length x width)	_10m		
5 % Cover of Wetland Bryophytes			
0 (where applicable)			
7 % Bare Ground	_10		
o Total cover of bryophytes	_10		
9			
Total Cover: 8 Hydrophytic	Vegetation		
50% of Total Cover: 4 20% of Total Cover: 1.6 Present? Yes No			

US Army Corps of Engineers Alaska Version 2.0

SOIL Sampling Point: SW13_T205_04

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators)											
Depth (inches) Color (moist) %			Color (moist)	%	Type ¹	_Loc_2	Texture	Remarks			
0-3	5YR	2.5/2	100	Color (IIIOISE)	_/0_	Турс	LUC	Fibric Organics			
3-6	5YR	2.5/1	100					Hemic Organics			
-					-						
6-11	7.5YR	3/2						Sapric Organics	w some mineral content		
							-				
					-		-				
¹Type: C=Cor	¹Type: C=Concentration. D=Depletion. RM=Reduced Matrix ² Location: PL=Pore Lining. RC=Root Channel. M=Matrix										
Hydric Soil I	ndicators:			Indicators for Pr	oblematio	Hydric So	oils: ³				
Histosol or	r Histel (A1)			Alaska Color Cl	nange (TA4	1)4		Alaska Gleyed Without H	ue 5Y or Redder		
✓ Histic Epip	edon (A2)			Alaska Alpine s	wales (TA	us (TA5) Underlying Layer					
Hydrogen	Sulfide (A4)			Alaska Redox V	Vith 2.5Y H	lue		Other (Explain in Remark	rs)		
Thick Dark	Surface (A12))		30 :							
Alaska Gleyed (A13) 3 One indicator of hydrophytic vegetation, one primary indicator of wetland hydrology, and an appropriate landscape position must be present											
Alaska Red	,			4 Give details of o	olor change	a in Domark	·				
Alaska Gleyed Pores (A15) 4 Give details of color change in Remarks											
Restrictive Laye	er (if present):								- v 0 v 0		
Type:	205)1							Hydric Soil Present	? Yes ● No O		
Depth (inch	ies):										
60% subrounde											
HYDROLO											
Wetland Hydi	rology Indica	tors:						Secondary Indi	cators (two or more are required)		
Primary Indica	tors (any one	is sufficien	t)					Water Stair	ned Leaves (B9)		
Surface W	, ,			Inundation V	isible on A	erial Imagei	ry (B7)	☐ Drainage P	atterns (B10)		
				Sparsely Veg	Sparsely Vegetated Concave Surface (B8) Oxidized Rhizospheres along Living Roots (C3)						
✓ Saturation	. ,			Marl Deposits	` '			Presence of Reduced Iron (C4)			
	Water Marks (B1) Hydrogen Sulfide Odor (C1) Salt Deposits (C5)										
	Deposits (B2)			☐ Dry-Season \					Stressed Plants (D1)		
☐ Drift Depo				Other (Explai	in in Rema	rks)			c Position (D2)		
	or Crust (B4)							_	uitard (D3)		
☐ Iron Depo	oil Cracks (B6)							FAC-neutra	raphic Relief (D4)		
Field Observa								TAC-fleutra	r rest (D3)		
Surface Water		Yes C	No •	Depth (inche	·c).						
			No O	, ,	•		Wotla	nd Hydrology Presen	t? Yes • No O		
Water Table P				Depth (inche	s): 10		Wella	ila nyarology Presen	tr res (s) NO (c)		
Saturation Pre (includes capil		Yes •	No O	Depth (inche	es): 6						
Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:											
Remarks:											
	pools of open	water, ap	pear relatively	y permanent (bare s	substrates,	aquatic mo	ss scosco).	. do not think these meet i	ntent of surface water (a1).		
		, .		,	,		,		. ,		

U.S. Army Corps of Engineers Alaska Version 2.0