WETLAND DETERMINATION DATA FORM - Alaska Region

Investigator(s): SLI, EAC Landform (hillside, terrace, hummocks etc.):	oling Point: SW13_T212_04										
Investigator(s): SLI, EAC Landform (hillside, terrace, hummocks etc.):	·										
	Valley bottom										
Local relief (concave, convex, none): flat Slope: % / 1.9 ° Elevation: 67											
Subregion: Interior Alaska Mountains Lat.: 63.3754618172 Long.: -148.91256											
	sification: PSS1B										
ure 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 ● No ○											
Are Vegetation , Soil , or Hydrology and naturally problematic? (If needed, explain any answers in Remarks.)											
SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc.											
Hydrophytic Vegetation Present? Yes No											
Hydric Soil Present? Yes No No Is the Sampled Area	Yes No										
Wetland Hydrology Present? Yes No within a Wetland?	res 🔍 No 🔾										
Remarks: anthropogenic disturbance - many trees cleanly cut by chainsaw, ATV tracks. hiking to plot, thin band of high reflectance is calcan (suspect too											
small to map). hiked through wetter sections of fnwws, plot in relatively dry area.											
VEGETATION - Use scientific names of plants. List all species in the plot.											
Absolute Dominant Indicator Dominance Test w	orksheet:										
Tree Stratum % Cover Species? Status Number of Dominant											
1. Picea glauca 15 FACU Total Number of Dec											
2											
3 O Percent of dominant	Species										
4 0 That Are OBL, FACV	V, or FAC: <u>75.0%</u> (A/B)										
5 Prevalence Index v	worksheet:										
Total Cover: 15 Total % Cove	er of: Multiply by:										
Sapling/Shrub Stratum 50% of Total Cover: 7.5 20% of Total Cover: 3 OBL Species	<u> </u>										
1. Picea glauca 1 FACU FACW Specie	es <u>8</u> x 2 = <u>16</u>										
2. Vaccinium vitis-idaea 20 FAC FAC Species	<u>145.6</u> x 3 = <u>436.8</u>										
3. Vaccinium uliginosum 55 FACU Species											
4. Empetrum nigrum 25 FAC UPL Species	0 x 5 = 0										
5. Salix pulchra 5 FACW Column Totals	s: <u>174.7</u> (A) <u>537.2</u> (B)										
6. Arctous ruber 5 FAC Prevalence Inc.	dex = B/A =3.075										
7. Ribes hudsonianum 0.1 FAC Hydrophytic Veget:											
9. Alnus viridis 0.1 FAC ✓ Dominance Test 10. Betula glandulosa 15 FAC ✓ Prevalence Inde											
inorphological A	Adaptations ¹ (Provide supporting data in a separate sheet)										
1. Carex bigelowii 20 FAC Problematic Hyc	drophytic Vegetation ¹ (Explain)										
2. Calamagrostis canadensis 5 FAC ¹ Indicators of hydric	soil and wetland hydrology must										
	isturbed or problematic.										
4. Rubus arcticus (IAM) 5 Plot size (radius, or le	enath x width)										
5. Chamaenerion angustifolium 0.1 FACU % Cover of Wetland											
6. Polemonium acutiflorum 0.1 FAC (Where applicable)											
7. Equisetum arvense 0.1 FAC % Bare Ground	_0										
8. Aconitum delphiniifolium 0.1 FAC Total Cover of Bryoph	hytes <u>90</u>										
9											
10 <u>0</u> Hydrophytic											
Total Cover: 33.4 Vegetation Present?	Yes ● No ○										

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SOIL Sampling Point: SW13_T212_04

Duefile Descript	ianı (Dassuiha ta	the denth o	anded to dee	unant tha in	diantou ou oonf	ium tha ah	sansa of india	nata va\		710IIIC. 51115_1212_04		
Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators)												
Depth (inches)	Color (moist)		<u>%</u>	Color (moist)		<u>%</u>	Type ¹	Loc ²	Texture	Remarks		
0-3	5YR	3/2	100						Fibric Organics			
3-7	5YR	2.5/1	100						Hemic Organics			
7-9	7.5YR	3/1	100						Sapric Organics	w some mineral content		
9-17	5Y	5/2	50	5YR	5/6	48	С	PL	Silty Clay			
+mottle				5B	4/1	2	D	PL				
									-			
¹Type: C=Co	ncentration. D=	=Depletior	າ. RM=Redu	ced Matrix	² Location:	PL=Por	e Lining. RC	C=Root Cha	annel. M=Matrix	-		
Hydric Soil I	ndicators:			Indicat	tors for Pro	blemati	c Hydric S	oils: ³				
Histosol o	r Histel (A1)			Alas	ka Color Cha	ange (TA	4)		Alaska Gleyed Without H	ue 5Y or Redder		
✓ Histic Epip	pedon (A2)			Alas	ska Alpine sw	ales (TA	5)	_	Underlying Layer			
Hydrogen	Sulfide (A4)			Alas	ska Redox Wi	ith 2.5Y I	Hue		Other (Explain in Remarks)			
	k Surface (A12))		3.0:			.:			or advada and		
Alaska Gle	eyed (A13)				ndicator of n appropriate				mary indicator of wetland hesent	nydrology,		
✓ Alaska Re	. ,			4 Civo	dotails of sol	or chang	' ' Io in Domarl	,				
☐ Alaska Gle	eyed Pores (A1	5)		Give	details of col	or chang	e ili Kelliari	(S				
Restrictive Laye	er (if present):											
Type: acti	ve layer (frozei	n), silty cla	ау						Hydric Soil Present	? Yes • No O		
Depth (incl	nes): 17, 9											
Remarks:												
HYDROLO	GY											
Wetland Hyd		tors:							Secondary Indi	cators (two or more are required)		
_	itors (any one		nt)						Water Stained Leaves (B9)			
	Vater (A1)			☐ In	undation Vis	ible on A	erial Image	rv (B7)		Patterns (B10)		
☐ High Wat									Chizospheres along Living Roots (C3)			
✓ Saturation	n (A3)			'	arl Deposits			,		of Reduced Iron (C4)		
☐ Water Ma	ırks (B1)				ydrogen Sulf	. ,	(C1)		Salt Deposits (C5)			
Sediment	Deposits (B2)				ry-Season W				Stunted or	Stressed Plants (D1)		
☐ Drift Depo	osits (B3)				, ther (Explain		` '		Geomorph	ic Position (D2)		
Algal Mat	or Crust (B4)				` '		,		✓ Shallow Ac	quitard (D3)		
☐ Iron Depo									Microtopog	graphic Relief (D4)		
Surface S	oil Cracks (B6)									al Test (D5)		
Field Observa	ations:											
Surface Wate	r Present?	Yes	○ No ●	D	epth (inches):						
Water Table F	Present?	Yes	○ No ●	D	epth (inches):		Wetla	nd Hydrology Presen	it? Yes ● No ○		
Saturation Pre		Yes 🤄	No O	D	epth (inches): 9						
(includes capillary fringe) Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:												
Remarks:												
									eaty. saturation difficult to	discern in clay soils, but believe this		
is previous nigl	ht rain perched	l atop clay	layer, satu	rating soils	, not associa	ted w a v	water table.					

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