## WETLAND DETERMINATION DATA FORM - Alaska Region

Subregion : Interior Alaska Mountains  Lat.: 62.951045752  Long.: -1  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 Circu Are Vegetation , Soil , or Hydrology naturally problematic?  (If needed, explain SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transect Hydrophytic Vegetation Present? Yes No	ation: 906  148.384239554 Datum: WGS84  NWI classification: Upland  o, explain in Remarks.)									
Investigator(s): WAD, BAB Landform (hillside, terrace, hummood Slope: 8.7 % / 5.0 ° Eleva Subregion: Interior Alaska Mountains Lat.: 62.951045752 Long.: -1  Soil Map Unit Name: Interior Alaska Mountains 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 Circu Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transect Hydrophytic Vegetation Present? Yes No	ation: 906  148.384239554  NWI classification: Upland  o, explain in Remarks.)									
Local relief (concave, convex, none): concave Slope: 8.7 % / 5.0 ° Eleval Subregion: Interior Alaska Mountains Lat.: 62.951045752 Long.: -1  Soil Map Unit Name: Interior Alaska Mountains Lat.: 62.951045752 Long.: -1  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 Circulare Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transecting Hydrophytic Vegetation Present? Yes No (Interior Alaska Mountains	ation: 906  148.384239554  NWI classification: Upland  o, explain in Remarks.)									
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	umstances" present? Yes  No  n any answers in Remarks.) sts, important features, etc.									
S Is the Sampled Area	a									
Hydric Soil Present? Tes No within a Wetland?	within a Wetland? Yes ○ No •									
Wetland Hydrology Present? Yes O No   Within a Wetland?										
Remarks: convex bank next to R3UBH creek. 7ft wide, 6in deep, single channel. photo num 1270, 1271; photo time 1412  VEGETATION - Use scientific names of plants. List all species in the plot.										
Dominand	ce Test worksheet:									
Tree Stratum  Absolute Dominant Indicator  % Cover Species? Status Number of	f Dominant Species									
	DBL, FACW, or FAC: (A)									
Total Num	nber of Dominant cross All Strata: 2 (B)									
3 Openies Al	<del></del>									
Percent or	f dominant Species DBL, FACW, or FAC: 100.0% (A/B)									
Prevalence	te Index worksheet: al % Cover of: Multiply by:									
50% (7.116	· · ·									
CDE CACO										
1. Gain pateria										
3	U Species 10 x 4 = 40									
	Species <u>0</u> x 5 = <u>0</u>									
Colui	mn Totals: <u>166</u> (A) <u>427</u> (B)									
6 0	alence Index = B/A =2.572_									
7										
	tic Vegetation Indicators:									
	inance Test is > 50%									
	alence Index is ≤3.0									
	hological Adaptations <sup>1</sup> (Provide supporting data in arks or on a separate sheet)									
1. Cornus suecica 50 FAC Proble	ematic Hydrophytic Vegetation <sup>1</sup> (Explain)									
2. Equisetum arvense 15 FAC <sup>1</sup> Indicators	s of hydric soil and wetland hydrology must									
	t, unless disturbed or problematic.									
4. Chamerion angustifolium 5 FACU	radius or length y width)									
5. Calamagrostis canadensis 5 FAC	radius, or length x width) <u>5m x 10m_</u> of Wetland Bryophytes									
6. Geranium erianthum 5 FACU (Where ap										
7. Sedum rosea 3 FAC % Bare Gr	round									
8. Polemonium acutiflorum 2 FAC Total Cove	er of Bryophytes									
9. Rubus chamaemorus 2 FACW										
10. Swertia perennis 1 FACW Hydroph	Hydrophytic									
Total Cover: 96 Vegetati	ion									
50% of Total Cover: 48 20% of Total Cover: 19.2 Present:	? Yes • No ·									

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SOIL Sampling Point: SW13\_T132\_06

		the depth no	eeded to docu	ment the indicator or co	onfirm the ab		cators)				
Depth (inches)	Color (me	oist)	%	Color (moist)	%	Type <sup>1</sup>	_Loc_2	Texture	Remarks		
0-2			100					Hemic Organics			
2-9	10YR	3/2	100					Silt Loam	inclusions of sand		
-											
<sup>1</sup> Type: C=Concentration. D=Depletion. RM=Reduced Matrix <sup>2</sup> Location: PL=Pore Lining. RC=Root Channel. M=Matrix											
Hydric Soil I	ndicators:			Indicators for P	roblemati	c Hydric So	oils: <sup>3</sup>				
Histosol or	r Histel (A1)			Alaska Color C	hange (TA	4)4		Alaska Gleyed Without Hue 5Y or Redder			
Histic Epip	edon (A2)			Alaska Alpine	Alaska Alpine swales (TA5)  Underlying Layer						
Hydrogen	Sulfide (A4)			Alaska Redox	With 2.5Y H	Hue		Other (Explain in Remark	rs)		
☐ Thick Dark	Surface (A12	2)		30					d de		
Alaska Gle	yed (A13)			and an appropria	· hydrophyl te landscar	tic vegetation i	on, one prin must be pre	nary indicator of wetland hesent	ydrology,		
Alaska Red	dox (A14)				•	-	-				
	eyed Pores (A1	-		<sup>4</sup> Give details of o	olor chang	e in Remark	KS				
Restrictive Laye	er (if present):	:									
Type:								Hydric Soil Present	? Yes ○ No •		
Depth (inch	nes):										
refusal at 9in ro no hydric soil ir		rved									
HYDROLO	GY										
Wetland Hydi	rology Indic	ators:						Secondary Indi	cators (two or more are required)		
Primary Indica	tors (any one	is sufficien	t)					Water Stained Leaves (B9)			
Surface Water (A1)				☐ Inundation Visible on Aerial Imagery (B7)				Drainage Patterns (B10)			
High Water Table (A2)			Sparsely Vegetated Concave Surface (B8)			ce (B8)	Oxidized Rhizospheres along Living Roots (C3)				
Saturation (A3)				Marl Deposits (B15)				Presence of Reduced Iron (C4)			
Water Marks (B1) Hydrogen Sulfide Odor (C1)							Salt Deposits (C5)				
Sediment Deposits (B2) Dry-Season Water Table (C2)							Stunted or Stressed Plants (D1)				
Drift Deposits (B3) Other (Explain in Remarks)							Geomorphic Position (D2)				
	☐ Algal Mat or Crust (B4) ☐ Shallow Aquitard (D3)										
Iron Depo									raphic Relief (D4)		
	oil Cracks (B6)	)						✓ FAC-neutra	I Test (D5)		
Field Observa		Voc (	No •	Danth (in ab.	>-						
Surface Water				Depth (inche	es):						
Water Table P	resent?	Yes 🤇	No 💿	Depth (inch	es):		Wetla	nd Hydrology Presen	t? Yes ○ No •		
Saturation Pre (includes capi		Yes C	No •	Depth (inch	es):						
Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:											
Remarks:											
no primary hydrology indicators observed											
no primary nyd	поюду іпаісат	ors observe	cu								

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