WETLAND DETERMINATION DATA FORM - Alaska Region

Local relief (concave, convex, none): hummocky Slo	ope: 21.2 % .7860899089	12.0	Sampling Point: SW12_T21_04 , hummocks etc.): Hillside ° Elevation: 762 Long.: -148.60724997 Datum: WGS84		
nvestigator(s): SLI, LMF Landon Lando	ope: 21.2 % .7860899089	12.0	° Elevation: 762		
cubregion : Interior Alaska Mountains Lat.: 62. coil Map Unit Name: ure climatic/hydrologic conditions on the site typical for this time of year? Are Vegetation , Soil , or Hydrology significantly di	7860899089 Yes •				
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oil Map Unit Name: re climatic/hydrologic conditions on the site typical for this time of year? Are Vegetation , Soil , or Hydrology significantly di	Yes •		Edilg::140.00724997		
re climatic/hydrologic conditions on the site typical for this time of year? Are Vegetation , Soil , or Hydrology , significantly di			NWI classification: Upland		
Are Vegetation 🔲 , Soil 🔲 , or Hydrology 🔲 significantly di		NI=			
UMMARY OF FINDINGS - Attach site map showing sampl	lematic?	Are "No	(If no, explain in Remarks.) rmal Circumstances" present? Yes ● No ○ ed, explain any answers in Remarks.) transects, important features, etc.		
Hydrophytic Vegetation Present? Yes <a>	a Camp	nlad Araa			
Hydric Soil Present? Yes ○ No •	-	npled Area Vetland? Yes ○ No ◉			
Wetland Hydrology Present? Yes ○ No ●	in a We	tiand? Tes O NO O			
Remarks:					
EGETATION - Use scientific names of plants. List all specie	es in the plo	ot.			
Absolute I	Dominant Inc	ndicator	Dominance Test worksheet:		
		Status	Number of Dominant Species That are OBL, FACW, or FAC: 5 (A)		
1. Picea glauca 5	✓ F	FACU	Total Number of Dominant		
20			Species Across All Strata: 7 (B)		
3	<u> </u>		Percent of dominant Species		
4	⊢ –		That Are OBL, FACW, or FAC: 71.4% (A/B)		
50			Prevalence Index worksheet:		
Total Cover:5			Total % Cover of: Multiply by:		
Sapling/Shrub Stratum 50% of Total Cover: 2.5 20% of	Total Cover:	1	OBL Species <u>1</u> x 1 = <u>1</u>		
1. Picea glauca 10	✓ F	FACU	FACW Species 12 x 2 = 24		
2. Vaccinium uliginosum 10	✓ F	FAC	FAC Species <u>65</u> x 3 = <u>195</u>		
3. Vaccinium vitis-idaea 5	_	FAC	FACU Species <u>16</u> x 4 = <u>64</u>		
4. Arctostaphylos rubra 10	_	FAC	UPL Species <u>0</u> x 5 = <u>0</u>		
5. Empetrum nigrum 30		FAC	Column Totals: <u>94</u> (A) <u>284</u> (B)		
6. Ledum decumbens 10	_	FACW	Prevalence Index = B/A = 3.021		
7. Betula nana 10		FAC			
8. Rosa acicularis 1			Hydrophytic Vegetation Indicators:		
9. Andromeda polifolia (IAM) 1		OBL	✓ Dominance Test is > 50%		
10. Salix pulchra 2	□ <u>F</u>	FACW	Prevalence Index is ≤3.0		
Total Cover:89_ Herb Stratum 50% of Total Cover:44.5 20% of	Total Cover:	17.8	 Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation ¹ (Explain) 		
1	H -				
2	_ <u>_</u> _		¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.		
J					
T	H -		Plot size (radius, or length x width)		
5			% Cover of Wetland Bryophytes (Where applicable)		
7. <u>0</u> 8. <u>0</u>			% Bare Ground 10 Total Cover of Bryophytes 40		
90			Total Cover of Bryophytes 40		
10.			Hydrophytic		
Total Cover: 0			Vegetation		
50% of Total Cover:020% of	Total Cover:	0	Present? Yes • No O		
Remarks: trace spiraea stevenii. trace unidentified carex, otherwise no	herb layer. su	ubstantial	lichen cover.		

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SOIL Sampling Point: SW12_T21_04

		the depth ne	eded to docur	ment the indicator or co	nfirm the ab		ators)					
Depth (inches) Color (moist)		%	Color (moist)	%	% Type ¹	Loc ²	Texture	Remarks				
0-4		.0.5,	100					Fibric Organics				
4-9	5YR	2.5/1	80					Clay Loam	20% coarse-med gravels			
9-18	2.5Y	3/3	100					Sandy Clay	med-coarse sand			
9-10	2.31							Salidy Clay	meu-coarse sanu			
									-			
¹ Type: C=Concentration. D=Depletion. RM=Reduced Matrix ² Location: PL=Pore Lining. RC=Root Channel. M=Matrix												
Hydric Soil I	ndicators:			Indicators for Pr	oblemati	c Hydric So	oils: ³					
Histosol or	r Histel (A1)			Alaska Color Ch	nange (TA	4) ⁴		Alaska Gleyed Without Hue 5Y or Redder				
Histic Epip	edon (A2)			Alaska Alpine swales (TA5)				Underlying Layer				
Hydrogen	Sulfide (A4)			☐ Alaska Redox V	Nith 2.5Y H	lue		Other (Explain in Remark	rs)			
Thick Dark	Surface (A12))		30 i dit	المراجعة المراجعة				and and a second			
Alaska Gle				and an appropriat	nyaropnyt te landscar	oe position r	n, one prin	mary indicator of wetland hesent	lydrology,			
Alaska Red	dox (A14)			4 Give details of co	•	•	-					
☐ Alaska Gle	yed Pores (A1	5)		Give details of Co	Jior Chang	e III Remark	.5					
Restrictive Laye	er (if present):											
Type:								Hydric Soil Present	? Yes ○ No •			
Depth (inch	nes):											
HYDROLO	GY											
Wetland Hydi	rology Indica	tors:						Secondary Indi	cators (two or more are required)			
Primary Indica	tors (any one i	s sufficient	t)					Water Stained Leaves (B9)				
Surface Water (A1)				Inundation V	☐ Inundation Visible on Aerial Imagery (B7)				Drainage Patterns (B10)			
High Wate	High Water Table (A2) Sparsely Vegetated Concave Surface (I					ce (B8)						
	Saturation (A3) Marl Deposits (B15)							Presence of Reduced Iron (C4)				
	Water Marks (B1)											
	☐ Sediment Deposits (B2) ☐ Dry-Season Water Table (C2)								Stressed Plants (D1)			
☐ Drift Depo				Other (Explai	n in Rema	rks)			ic Position (D2)			
	or Crust (B4)								juitard (D3)			
☐ Iron Depo	` ,							_	graphic Relief (D4) al Test (D5)			
Field Observa	oil Cracks (B6)							☐ FAC-Heutra	ii Test (D3)			
Surface Water		Yes (No ●	Depth (inche	e).							
			No •		•		Watle.	nd Hydrology Presen	t? Yes ○ No •			
Water Table P		_	_	Depth (inche	:s):		wetia	na nyarology Presen	tr res U NO U			
Saturation Pre (includes capil		Yes C	No ●	Depth (inche	:s):							
Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:												
Remarks:												
no wetland hyd	drology indicate	ors										

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