WETLAND DETERMINATION DATA FORM - Alaska Region

Subregion	or(s): JGK	uthority				Sampling Point: SW12_T25_05		
Local relie	or(s): JGK							
Subregion			ce, hummocks etc.): Hillside					
•	ef (concave, convex, none):	hummocky		Slope: 99.9	% / 45.0	0 ° Elevation: 497		
•	Southcentral Alaska		Lat · 6	2.803549908				
- Ou Man I	Unit Name:			2.0000-0000				
-	tic/hydrologic conditions on t	he site tomical for this tir		. Voc	● No ○	NWI classification: Upland (If no, explain in Remarks.)		
Are Vege Are Vege	etation , Soil etation , Soil	, or Hydrology s , or Hydrology r tach site map show	significantly naturally pro ving sam	disturbed?	Are "N (If nee	In the explain in remains.) Identify the following in the interest of the int		
-		Yes O No •	the Sam	ne Sampled Area				
-	/dric Soil Present?			within a Wetland? Yes ○ No ●				
We	etland Hydrology Present?	Yes ○ No ●	'					
Remark VEGET	ATION -Use scientific	names of plants. Li	st all spe	cies in the		Dominance Test worksheet:		
Tree St			% Cover	Species?	Status	Number of Dominant Species That are OBL, FACW, or FAC: 1 (A)		
1. Be	etula neoalaskana		30	V	FACU	Total Number of Dominant		
	icea glauca		5		FACU	Species Across All Strata: 4 (B)		
3. —						Percent of dominant Species		
4. —						That Are OBL, FACW, or FAC: 25.0% (A/B)		
5		T.I.I.O.	0 35			Prevalence Index worksheet:		
		Total Cover:	_	Total % Cover of: Multiply by:				
Sapling	g/Shrub Stratum	50% of Total Cover:1	. <u>7.5</u> 20% (of Total Cover:	7	OBL Species 0 x 1 = 0		
1. Va	accinium uliginosum		_40_	✓	FAC	FACW Species 3 x 2 = 6		
2. Be	etula glandulosa		10		FAC	FAC Species <u>56</u> x 3 = <u>168</u>		
3. <u>Le</u>	edum decumbens		3		FACW	FACU Species <u>54</u> x 4 = <u>216</u>		
_	accinium vitis-idaea		_1_		FAC	UPL Species <u>0</u> x 5 = <u>0</u>		
5. <u>E</u> r	mpetrum nigrum		5		FAC	Column Totals: <u>113</u> (A) <u>390</u> (B)		
6. <u>Li</u> i	innaea borealis		2		FACU	Prevalence Index = B/A =3.451		
7								
8. —						Hydrophytic Vegetation Indicators:		
						☐ Dominance Test is > 50%		
10. —						☐ Prevalence Index is ≤3.0		
-	Stratum	Total Cover: 50% of Total Cover:		of Total Cover		Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)		
			2		FACU	Problematic Hydrophytic Vegetation ¹ (Explain)		
				✓	FACU	Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.		
J 0					FACU	be present, unless disturbed or problematic.		
						Plot size (radius, or length x width)		
			•			% Cover of Wetland Bryophytes		
						(Where applicable)		
						% Bare Ground		
						Total Cover of Bryophytes 25		
			0			Hydrophytic		
		Total Cover:	17	_	Hydrophytic Vegetation			
		50% of Total Cover:		of Total Cover:	3.4	Present? Yes O No •		

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SOIL Sampling Point: SW12_T25_05

		the depth n	eeded to docur	nent the indicator or co	nfirm the ab		cators)					
Depth (inches) Color (moist) %			Color (moist)		% Type ¹			Remarks				
0-5		Jisty		color (moist)		1700	_ Loc _2	Fibric Organics				
5-6	2.5Y	3/2	95					Silty Clay Loam	5% roots			
-												
6-10	5YR	2.5/1						Loamy Sand	5% roots 45% cobbles >4in			
10-14	7.5YR	3/4						Loamy Sand	40% cobbles 10% fine gravel			
¹Type: C=Con	centration. D	=Depletion	. RM=Reduc	ed Matrix ² Location	n: PL=Por	e Lining. RC	C=Root Cha	annel. M=Matrix				
Hydric Soil Indicators: Indicators for Problematic Hydric Soils: ³												
Histosol or	Histel (A1)			Alaska Color C	hange (TA	4) ⁴		Alaska Gleyed Without H	ue 5Y or Redder			
Histic Epip	edon (A2)			Alaska Alpine swales (TA5) Underlying Layer								
Hydrogen	Sulfide (A4)			Alaska Redox \	With 2.5Y H	Hue		Other (Explain in Remarl	(S)			
☐ Thick Dark	Surface (A12)		3.0				and the state of the state of the	and the			
Alaska Gle	yed (A13)			and an appropria	hydrophyl te landscar	tic vegetatio be position r	on, one prir must be pre	mary indicator of wetland hesent	nydrology,			
Alaska Red	lox (A14)				•	-	-					
	yed Pores (A1			⁴ Give details of c	olor chang	е іп кетагк	(S					
Restrictive Laye	r (if present):											
Type:	>-			Hydric Soil Pr					? Yes ○ No •			
Depth (inch	es):											
HYDROLO	GY											
Wetland Hydr	ology Indica	ators:						Secondary Indi	cators (two or more are required)			
Primary Indicat	tors (any one	is sufficien	t)					Water Stained Leaves (B9)				
Surface W	ater (A1)			Inundation V	isible on A	erial Image	ry (B7)					
	er Table (A2)			Sparsely Vegetated Concave Surface (B8)				Oxidized Rhizospheres along Living Roots (C3)				
Saturation (A3)				Marl Deposits (B15)				Presence of Reduced Iron (C4)				
Water Mar	∐ Hydrogen Տւ				☐ Salt Depos							
	Deposits (B2)			☐ Dry-Season					Stressed Plants (D1)			
☐ Drift Depo				Other (Expla	in in Rema	rks)			ic Position (D2)			
Iron Depo	or Crust (B4)								quitard (D3)			
	oil Cracks (B6)								graphic Relief (D4) al Test (D5)			
Field Observa		<u> </u>						TAC-fleutio	in rest (D3)			
Surface Water		Yes C	No ●	Depth (inche	-c).							
			No ●		•		Wotla	nd Hydrology Presen	it? Yes O No •			
Water Table P		_	_	Depth (inche	es):		Wella	ila fiyarology Fresen	it: les 🔾 NO 🔾			
Saturation Pre (includes capil		Yes (No ●	Depth (inche	es):							
Describe Record	ded Data (stre	eam gauge	, monitor we	ll, aerial photos, pre	vious inspe	ection) if ava	ailable:					
Remarks:												

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