WETLAND DETERMINATION DATA FORM - Alaska Region

Subregion	ator(s): JGK	/				Sampling Point: SW13_T121_04
Local reli Subregion	ator(s): JGK					
Subregion			L	andform (hill	side, terrac	e, hummocks etc.): Hillside
Soil Map		nmocky		Slope:	% / 2.7	-
Soil Map	on: Southcentral Alaska	,	lat: 6	2.80212264		Long.: -149.580841042 Datum: NAD83
				12.00212204		
	atic/hydrologic conditions on the site			. Voo	No ○	NWI classification: Upland (If no, explain in Remarks.)
Are Veg	getation	ydrology	gnificantly aturally pro	disturbed?	Are "N (If nee	ormal Circumstances" present? Yes No Oeded, explain any answers in Remarks.) s, transects, important features, etc.
Hy	.,	Yes O No •		le	the Sam	pled Area
H	,	Yes O No •			thin a W	
W	Vetland Hydrology Present?	Yes O No •		WI	uiiii a vv	etiality 165 - No c
VEGET	FATION -Use scientific name	·	t all spe	cies in the		Dominance Test worksheet:
Tree S	Stratum		% Cover	Species?	Status	Number of Dominant Species
1. P	Picea glauca		4	✓	FACU	That are OBL, FACW, or FAC: (A)
2. B	Betula neoalaskana		_ 5	✓	FACU	Total Number of Dominant Species Across All Strata: 5 (B)
3.			0			Percent of dominant Species
4			0			That Are OBL, FACW, or FAC: 20.0% (A/B)
5			0			Prevalence Index worksheet:
		Total Cover:	9			Total % Cover of: Multiply by:
Saplin	ng/Shrub Stratum 50% of	f Total Cover:4	5 20%	of Total Cover:	1.8	OBL Species0 x 1 =0
1. V	/iburnum edule		2		FACU	FACW Species 0 x 2 = 0
2. A	Alnus viridis		70	✓	FAC	FAC Species <u>71</u> x 3 = <u>213</u>
3. R	Dibaa budaasiasus		0.1		FAC	FACU Species <u>80</u> x 4 = <u>320</u>
4. S	Sorbus scopulina		1		FACU	UPL Species <u>0</u> x 5 = <u>0</u>
5. C	Oplopanax horridus		30	✓	FACU	Column Totals: <u>151</u> (A) <u>533</u> (B)
6			0			
7			0			Prevalence Index = B/A =3.530_
8			0			Hydrophytic Vegetation Indicators:
9			0			Dominance Test is > 50%
10			0			Prevalence Index is ≤3.0
Herb S	Stratum 50% o	Total Cover: of Total Cover:51	<u>103_</u> 55 20%		20.62	Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
1. <u>D</u>	Oryopteris expansa		25	✓	FACU	Problematic Hydrophytic Vegetation ¹ (Explain)
_			5		FACU	¹ Indicators of hydric soil and wetland hydrology must
			5		FACU	be present, unless disturbed or problematic.
_			3		FACU	Plot size (radius, or length x width)
					FAC	% Cover of Wetland Bryophytes
						(Where applicable)
						% Bare Ground15
						Total Cover of Bryophytes _5
						Hydronhydia
10. —		Total Cover:	39			Hydrophytic Vegetation
	50% of	f Total Cover: 19		of Total Cover:	7.8	Present? Yes ○ No ●

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SOIL Sampling Point: SW13_T121_04

Depth —	Matrix		Redox Features		_	
(inches) Color (m	oist) %	Color (moist)	<u>%</u> <u>T</u>	ype ¹ Loc ²	Texture	Remarks
0-2.5					Fibric Organics	
2.5-12					Sapric Organics	Angular cobbles 3 in diam last 4.5 in
12-17						coarse sand with angular gravel
						_
						-
					_	_
					_	_
Type: C=Concentration. D	=Depletion. RM=	-Reduced Matrix ² Loca	tion: PL=Pore Lir	ning. RC=Root Ch	annel. M=Matrix	_
ydric Soil Indicators:			Problematic Hy			
Histosol or Histel (A1)		Alaska Color	Change (TA4)		Alaska Gleyed Without	Hue 5Y or Redder
Histic Epipedon (A2)		Alaska Alpin	e swales (TA5)		Underlying Layer	
Hydrogen Sulfide (A4)		Alaska Redo	x With 2.5Y Hue		\square Other (Explain in Rema	rks)
Thick Dark Surface (A12)					
Alaska Gleyed (A13)					mary indicator of wetland	hydrology,
Alaska Redox (A14)		and an approp	riate landscape po	osition must be pi	resent	
Alaska Gleyed Pores (A1	5)	⁴ Give details o	f color change in	Remarks		
strictive Layer (if present)						
Type:					Hydric Soil Presen	t? Yes ○ No •
Depth (inches): marks: hydric soil indicators						
marks:						
marks: hydric soil indicators						
marks: hydric soil indicators /DROLOGY etland Hydrology Indic						dicators (two or more are required)
marks: hydric soil indicators 'DROLOGY etland Hydrology Indications imary Indicators (any one					Water St	ained Leaves (B9)
marks: hydric soil indicators 'DROLOGY etland Hydrology Indications' (any one Surface Water (A1)			n Visible on Aerial		Water St	nined Leaves (B9) Patterns (B10)
TDROLOGY etland Hydrology Indicators mary Indicators (any one Surface Water (A1) High Water Table (A2)		Sparsely V	egetated Concave		Water St. Drainage Oxidized	ained Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C
marks: hydric soil indicators 'DROLOGY etland Hydrology Indications' imary Indicators (any one Surface Water (A1) High Water Table (A2) Saturation (A3)			egetated Concave		☐ Water Str ☐ Drainage ☐ Oxidized ☐ Presence	ained Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C of Reduced Iron (C4)
TDROLOGY Petland Hydrology Indications Surface Water (A1) High Water Table (A2) Saturation (A3)		Sparsely \ Marl Depo	egetated Concave	e Surface (B8)	Water St. Drainage Oxidized	ained Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C of Reduced Iron (C4)
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Marks: hydric soil indicators POROLOGY etland Hydrology Indications Surface Water (A1) High Water Table (A2) Saturation (A3) Water Marks (B1) Sediment Deposits (B2) Drift Deposits (B3) Algal Mat or Crust (B4) Iron Deposits (B5) Surface Soil Cracks (B6	is sufficient)	Sparsely N Marl Depo Hydrogen Dry-Seaso Other (Ex	regetated Concave sits (B15) Sulfide Odor (C1) on Water Table (C	e Surface (B8)	Water Str Drainage Oxidized Presence Salt Depo Stunted of Geomorp Shallow A	ained Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C of Reduced Iron (C4) osits (C5) or Stressed Plants (D1) hic Position (D2) Aquitard (D3) ographic Relief (D4)
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