WETLAND DETERMINATION DATA FORM - Alaska Region

Subregion : Int Soil Map Unit Na Are climatic/hyd	Alaska Energy Authority SLI, SCB cave, convex, none): hummocky				Sampling Point: SW13_T102_03
Local relief (con Subregion : Int Soil Map Unit Na Are climatic/hyd	SLI, SCB				
Subregion : Int Soil Map Unit Na Are climatic/hyd	· ·		Landform (hil	lside, terrac	e, hummocks etc.): Mound
Soil Map Unit Na			Slope: 5.0	% / 2.9	e Selevation: 919
Soil Map Unit Na	erior Alaska Mountains	l at ·	62.70964598		Long.: -147.576245189 Datum: WGS84
Are climatic/hyd			02.1000+000		
•	rologic conditions on the site typical for this ti		-2 Voc	● No ○	NWI classification: Upland (If no, explain in Remarks.)
Are Vegetation Are Vegetation SUMMARY (, Soil , or Hydrology, so Soil , or Hydrology, soil , or Hydrology, so Findings - Attach site map show	significantl naturally p wing san	y disturbed? roblematic?	Are "N (If nee	In the explain in Remarks.) Identify the following states of the following st
Hydroph	ytic Vegetation Present? Yes No		Is	the Sam	pled Area
Hydric S	oil Present? Yes O No 🧿			ithin a W	
Wetland	Hydrology Present? Yes ○ No ●)	, vv	itiiiii a vv	etiana:
#1	oto time 12:00 375-1377 N - Use scientific names of plants. Li	st all spe	ecies in the	plot.	
	ese selentino names en plantes e.			•	Dominance Test worksheet:
Tree Stratum		Absolute % Cover		Indicator Status	Number of Dominant Species
1.	<u> </u>	0		<u> </u>	That are OBL, FACW, or FAC: (A)
2.		0			Total Number of Dominant Species Across All Strata: 2 (B)
3.		0			Percent of dominant Species
4.		0			That Are OBL, FACW, or FAC: 100.0% (A/B)
5.		0			Prevalence Index worksheet:
	Total Cover	<u> </u>			Total % Cover of: Multiply by:
Sapling/Shru	b Stratum 50% of Total Cover:	0 20%	of Total Cover	:0	OBL Species 0 x 1 = 0
Betula g	landulosa	70	✓	FAC	FACW Species 20 x 2 = 40
	ım uliginosum	30	<u> </u>	FAC	FAC Species 115 x 3 = 345
-	decumbens	20		FACW	FACU Species 0 x 4 = 0
4. Empetru	ım nigrum	10		FAC	UPL Species0 x 5 =0
5. Vacciniu	ım vitis-idaea	5		FAC	Column Totals:135 (A)385 (B)
6. Picea gl	auca	0.1		FACU	
7		0			Prevalence Index = B/A = 2.852
8		0			Hydrophytic Vegetation Indicators:
9		0			✓ Dominance Test is > 50%
10		0			Prevalence Index is ≤3.0
Herb Stratun	Total Cover:		% of Total Cove	r: <u>27.02</u>	Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet)
					Problematic Hydrophytic Vegetation ¹ (Explain)
					Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.
					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
		0			Hydrophytic
	Total Covers	0			Vegetation
	50% of Total Cover:	0 20%	of Total Cover	:0	Present? Yes No

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SOIL Sampling Point: SW13_T102_03

	Color (m	oist)	%	Color (m	noist)	%	Type ¹	Loc ²	- Texture	Remarks
0-2	10YR	2/2	100	20.0. (.,,,,		Hemic Organics	
2-4									Sapric Organics	w charcoal
4-8	7.5YR	3/4	100						Sandy Loam	
8-12	2.5Y	5/3	60	2.5Y	4/4	40			Sandy Clay Loam	common subrounded medium gravels
12-18				2.31					Sandy Loam	_
12-10	5Y	4/2							Sandy Louin	common subrounded medium gravels to
Type: C=Co	ncentration. D	=Depletio	n. RM=Reduc	ced Matrix	² Location	: PL=Pore	Lining. RC	=Root Cha	annel. M=Matrix	
Hydric Soil I	indicators:			Indicat	ors for Pro	blematic	Hydric So	oils: ³		
Histosol o	r Histel (A1) pedon (A2)			Alasl	ka Color Ch ka Alpine sv ka Redox W	ange (TA4 vales (TA5) ⁴)		Alaska Gleyed Without H Underlying Layer Other (Explain in Rema	
¬ ′ ´	Sulfide (A4)	2)		∟ AldSi	ka Redux W	IUI 2.51 II	ue	_	die (Explain in Remai	
Alaska Gle	k Surface (A1: eyed (A13) dox (A14)	2)			ndicator of h appropriate				mary indicator of wetland esent	hydrology,
_	eyed Pores (A	15)		4 Give o	letails of co	lor change	in Remark	S		
estrictive Lay Type: Depth (inc	er (if present)	:							Hydric Soil Presen	t? Yes ○ No •
emarks:										
emarks: o hydric soil i	ndicators									
	ndicators									
o hydric soil i										
o hydric soil i		ators:							Secondary Inc	licators (two or more are required)
o hydric soil i YDROLO Vetland Hyd)GY		nt)							licators (two or more are required) ined Leaves (B9)
YDROLC Vetland Hyd	OGY Irology Indic		nt)	☐ Inc	undation Vis	sible on Ae	erial Imagei	y (B7)	Water Sta	
YDROLO Vetland Hyd Primary Indica Surface V High Wat	PGY Prology Indicators (any one Vater (A1) er Table (A2)		nt)	☐ Sp	arsely Vege	tated Con			Water Sta	nined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3)
YDROLO Vetland Hyd Surface V High Wat Saturatio	PGY Prology Indicators (any one Vater (A1) Pror Table (A2) In (A3)		nt)	☐ Sp ☐ Ma	arsely Vege arl Deposits	tated Con (B15)	cave Surfac		Water Sta Drainage Oxidized Presence	nined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4)
YDROLC Vetland Hyd Primary Indica Surface V High Wat Saturatio Water Ma	PIGY Irology Indicators (any one Vater (A1) er Table (A2) n (A3) arks (B1)	is sufficie	nt)	☐ Sp ☐ Ma ☐ Hy	arsely Vege arl Deposits drogen Sulf	tated Con (B15) fide Odor	cave Surfac		Water Sta	nined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5)
YDROLC Yetland Hyd Primary Indica Surface V High Wat Saturatio Water Ma Sediment	or Irology Indicators (any one Vater (A1) er Table (A2) n (A3) arks (B1) : Deposits (B2	is sufficie	nt)	☐ Sp ☐ Ma ☐ Hy ☐ Dr	arsely Vege arl Deposits drogen Sulf y-Season W	tated Con (B15) fide Odor (ater Table	cave Surfac (C1) e (C2)		Water Sta	nined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) or Stressed Plants (D1)
YDROLC Yetland Hyd Primary Indica Surface V High Wat Saturatio Water Ma Sediment Drift Dep	PIGY Irology Indicators (any one Vater (A1) er Table (A2) n (A3) arks (B1) E Deposits (B2) osits (B3)	is sufficie	nt)	☐ Sp ☐ Ma ☐ Hy ☐ Dr	arsely Vege arl Deposits drogen Sulf	tated Con (B15) fide Odor (ater Table	cave Surfac (C1) e (C2)		Water Sta Drainage Oxidized I Presence Salt Depo Stunted of Geomorpi	Patterns (B10) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) or Stressed Plants (D1) hic Position (D2)
YDROLO Vetland Hyd Primary Indica Surface V High Wat Saturatio Water Ma Sediment Drift Dep Algal Mat	PIGY Irology Indicators (any one Vater (A1) For Table (A2) In (A3) For (A3)	is sufficie	nt)	☐ Sp ☐ Ma ☐ Hy ☐ Dr	arsely Vege arl Deposits drogen Sulf y-Season W	tated Con (B15) fide Odor (ater Table	cave Surfac (C1) e (C2)		Water Sta	pained Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) usits (C5) or Stressed Plants (D1) hic Position (D2) uquitard (D3)
YDROLO Yetland Hyd Primary Indica Surface V High Wate Saturatio Water Ma Sediment Drift Dep Algal Mat Iron Dep	PGY Irology Indicators (any one Vater (A1) Per Table (A2) In (A3) Parks (B1) In Deposits (B2) Posits (B3) In Or Crust (B4) Posits (B5)	is sufficie	nt)	☐ Sp ☐ Ma ☐ Hy ☐ Dr	arsely Vege arl Deposits drogen Sulf y-Season W	tated Con (B15) fide Odor (ater Table	cave Surfac (C1) e (C2)		Water Sta Drainage Oxidized Presence Salt Depo Stunted of Geomorph Shallow A	rained Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) or Stressed Plants (D1) nic Position (D2) quitard (D3) ographic Relief (D4)
YDROLC Vetland Hyd Primary Indica Surface V High Wate Saturatio Water Ma Sediment Drift Dep Algal Mat Iron Dep	PGY Irology Indicators (any one Vater (A1) Iver Table (A2) In (A3) In (A3) In (B1) In (B2) In (B3) In (B3) In (B4) In (B4) In (B5) In	is sufficie	nt)	☐ Sp ☐ Ma ☐ Hy ☐ Dr	arsely Vege arl Deposits drogen Sulf y-Season W	tated Con (B15) fide Odor (ater Table	cave Surfac (C1) e (C2)		Water Sta Drainage Oxidized Presence Salt Depo Stunted of Geomorph Shallow A	pained Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) usits (C5) or Stressed Plants (D1) hic Position (D2) quitard (D3)
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YDROLC Vetland Hyd Primary Indica Surface V High Wat Saturatio Water Ma Sediment Drift Dep Algal Mat Iron Dep Surface S Sield Observ Surface Water Water Table I Saturation Pr (includes cap	Por Crust (B4) osits (B5) osits (B5) osits (B5) er Present? Present? Present? Present? Present?	Yes (Yes (No ●No ●No ●No ●	Sp Ma Hy Dr Ot	arsely Vege arl Deposits drogen Sulf y-Season W her (Explain epth (inches epth (inches	tated Con (B15) fide Odor (/ater Table n in Reman	cave Surfac (C1) e (C2) ks)	Wetla	Water Sta Drainage Oxidized Presence Salt Depo Stunted of Geomorph Shallow A Microtopo	nined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sists (C5) or Stressed Plants (D1) hic Position (D2) quitard (D3) ographic Relief (D4) ral Test (D5)

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