WETLAND DETERMINATION DATA FORM - Alaska Region

Investigator(s): SLI, SCB	nvestigator(s): SLI, SCB .ocal relief (concave, convex, none): subregion : Interior Alaska Mountain oil Map Unit Name: .ore climatic/hydrologic conditions on Are Vegetation , Soil Are Vegetation , Soil GUMMARY OF FINDINGS - A Hydrophytic Vegetation Prese Hydric Soil Present? Wetland Hydrology Present?	SLI, SCB scave, convex, none): terior Alaska Mountains ame: rologic conditions on the site typical for this time of	Lat.: 6	Slope: 9.0	% / 5.1	ce, hummocks etc.): Hillside 1 ° Elevation: 753		
Investigator(s): SLI, SCB	nvestigator(s): SLI, SCB cocal relief (concave, convex, none): subregion: Interior Alaska Mountain oil Map Unit Name: cre climatic/hydrologic conditions on Are Vegetation , Soil , Are Vegetation , Soil , SUMMARY OF FINDINGS - A Hydrophytic Vegetation Prese Hydric Soil Present? Wetland Hydrology Present?	SLI, SCB Icave, convex, none): Iterior Alaska Mountains Icame: Irologic conditions on the site typical for this time of the state o	Lat.: 6	Slope: 9.0	% / 5.1	1 ° Elevation: 753		
Subregion: Interior Alaska Mountains Lat: 62.860654116 Long: -148.132616043 Datum: WGSt Soil Map Unit Name: Are climatic/hydrologic conditions on the site typical for this time of year? Yes No No (If no, explain in Remarks.) Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes No No No (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Yes No Within a Wetland? Yes No Total Number of Dominant Species That are OBL, FACW, or FAC: 3 (A Species Across All Strata: 4 (B Species Across All Strata: 4 (B Species Across All Strata: 75.0% (A Species Tatal Acro BL, FACW, or FAC: 75.0%	subregion : Interior Alaska Mountain oil Map Unit Name: are climatic/hydrologic conditions on Are Vegetation , Soil , Are Vegetation , Soil , BUMMARY OF FINDINGS - A Hydrophytic Vegetation Prese Hydric Soil Present? Wetland Hydrology Present?	rologic conditions on the site typical for this time on the site typical for this time of the site typical for the site typical fo	Lat.: 6					
Subregion: Interior Alaska Mountains	oil Map Unit Name: are climatic/hydrologic conditions on Are Vegetation , Soil , Are Vegetation , Soil , BUMMARY OF FINDINGS - A Hydrophytic Vegetation Prese Hydric Soil Present? Wetland Hydrology Present?	rologic conditions on the site typical for this time on the site typical for this time of the conditions on the site typical for this time of the conditions on the site typical for this time of the conditions on the site typical for this time of the conditions on the site typical for this time of the conditions on the site typical for this time of the conditions on the site typical for this time of the conditions on the site typical for this time of the conditions on the site typical for this time of the conditions on the site typical for this time of the conditions on the site typical for this time of the conditions on the site typical for this time of the conditions on the site typical for this time of the conditions on the site typical for this time of the conditions on the site typical for the conditions of	of year?	2.860654116	5			
Soil Map Unit Name: Are climatic/hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.) Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes No Are Vegetation , Soil , or Hydrology naturally problematic? (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Yes No Is the Sampled Area within a Wetland? Yes No Wetland Hydrology Present? Yes No No Within a Wetland? Yes No No Wetland Hydrology Present? Yes No No Wetland Present? Yes No No No Wetland? Yes No No No Wetland? Yes No No No Wetland? Yes No No No No No No No No	oil Map Unit Name: are climatic/hydrologic conditions on Are Vegetation , Soil , Are Vegetation , Soil , BUMMARY OF FINDINGS - A Hydrophytic Vegetation Prese Hydric Soil Present? Wetland Hydrology Present?	rologic conditions on the site typical for this time on the site typical for this time of the conditions on the site typical for this time of the conditions on the site typical for this time of the conditions on the site typical for this time of the conditions on the site typical for this time of the conditions on the site typical for this time of the conditions on the site typical for this time of the conditions on the site typical for this time of the conditions on the site typical for this time of the conditions on the site typical for this time of the conditions on the site typical for this time of the conditions on the site typical for this time of the conditions on the site typical for this time of the conditions on the site typical for this time of the conditions on the site typical for the conditions of	of year?					
Are climatic/hydrologic conditions on the site typical for this time of year? Yes No (If no, explain in Remarks.) Are Vegetation , Soil , or Hydrology significantly disturbed? Are "Normal Circumstances" present? Yes No No naturally problematic? (If needed, explain any answers in Remarks.) SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc. Hydrophytic Vegetation Present? Yes No Wetland Hydrology Present? Yes No Pominant Species in the plot. VEGETATION - Use scientific names of plants. List all species in the plot. Dominant Species That are OBL, FACW, or FAC: 3 (A Total Number of Dominant Species That are OBL, FACW, or FAC: 4 (B Percent of dominant Species That Are OBL, FACW, or FAC: 75.0% (A Prevalence Index worksheet: Total % Cover of: Multiply by:	Are climatic/hydrologic conditions on Are Vegetation , Soil Are Vegetation , Soil BUMMARY OF FINDINGS - A Hydrophytic Vegetation Prese Hydric Soil Present? Wetland Hydrology Present?	rologic conditions on the site typical for this time o	•					
Are Vegetation	Are Vegetation , Soil , Soil Are Vegetation , Soil . SUMMARY OF FINDINGS - A Hydrophytic Vegetation Prese Hydric Soil Present? Wetland Hydrology Present?	n . , Soil . , or Hydrology . signi	•	Yes	● No ○			
Hydric Soil Present? Wetland Hydrology Present? Yes No No Wetland Hydrology Present? Yes No Wetland Hydrology Present? Yes No No Wetland Hydrology Present? Yes No Wetland? Remarks: photo time 14:15, #1507-1510 . slobe on hillside. Dominant Species	Hydric Soil Present? Wetland Hydrology Present?		rally pro	disturbed?	Are "N (If nee	Normal Circumstances" present? Yes No oded, explain any answers in Remarks.)		
Wetland Hydrology Present? Yes No Remarks: photo time 14:15, #1507-1510 . slobe on hillside. WEGETATION - Use scientific names of plants. List all species in the plot. Tree Stratum	Wetland Hydrology Present?	, · · · · · · · · · · · · · · · · ·		Is	the Sam	pled Area		
Remarks: photo time 14:15, #1507-1510 . slobe on hillside. VEGETATION - Use scientific names of plants. List all species in the plot. Tree Stratum 1. Picea glauca 2. V FACU 2. 0		O 1 10001111		wi	thin a W	/etland? Yes ○ No ●		
VEGETATION - Use scientific names of plants. List all species in the plot. Tree Stratum	Remarks: photo time 14:15, #150	Hydrology Present? Yes Vino S						
Tree Stratum Absolute % Cover % pecies? Indicator Species Status Number of Dominant Species That are OBL, FACW, or FAC: 3 (A 1. Picea glauca 2 ✓ FACU Total Number of Dominant Species That are OBL, FACW, or FAC: 3 (A 2. 0 □ Percent of dominant Species That Are OBL, FACW, or FAC: 75.0% (A 5. 0 □ Prevalence Index worksheet: Total % Cover of: Multiply by:	'EGETATION - Use scientific	N -Use scientific names of plants. List a			<u>"</u>	Dominance Test worksheet:		
1. Picea glauca 2 FACU Total Number of Dominant Species Across All Strata: 4 (B) 9 Percent of dominant Species That Are OBL, FACW, or FAC: 3 (A) Total Number of Dominant Species Across All Strata: 4 (B) Percent of dominant Species That Are OBL, FACW, or FAC: 75.0% (A) Prevalence Index worksheet: Total % Cover of: Multiply by:	Tree Stratum							
2.	4					That are OBL, FACW, or FAC:3(A)		
3. O Percent of dominant Species That Are OBL, FACW, or FAC: 75.0% (A Total Cover: 2 Total % Cover of: Multiply by:	2.		0					
4	3		0					
5. Total Cover: 2 Prevalence Index worksheet: Total % Cover of: Multiply by:	1		0					
Total Cover: Total % Cover of: Multiply by:			0			Prevalence Index worksheet:		
		Total Cover:						
Sapling/Shrub Stratum 50% of Total Cover: 1 20% of Total Cover: 0.4 OBL Species 0 x 1 = 0	Sapling/Shrub Stratum	ıb Stratum 50% of Total Cover: 1	0.4	OBL Species 0 x 1 = 0				
1. Vaccinium uliginosum 40 ✓ FAC FACW Species 20.2 x 2 = 40.40	1 Vaccinium uliginosum	um uliginosum	40	✓	FAC	FACW Species 20.2 x 2 = 40.40		
2. Betula nana 30 ✓ FAC Species 81 x 3 = 243						FAC Species 81 x 3 = 243		
3. Ledum decumbens 20 FACU Species 7 x 4 = 28	3. Ledum decumbens	decumbens	20		FACW	FACU Species x 4 =28		
4. Vaccinium vitis-idaea 5 FAC UPL Species 0 x 5 = 0	4. Vaccinium vitis-idaea	um vitis-idaea	5		FAC	UPL Species <u>0</u> x 5 = <u>0</u>		
5. Picea glauca 5 FACU Column Totals: 108.2 (A) 311.4	5. Picea glauca	auca			FACU	Column Totals: 108.2 (A) 311.4 (B)		
6. Empetrum nigrum 5 FAC	6. Empetrum nigrum	ım nigrum	5		FAC			
7. Salix pulchra O.1 Prevalence Index = B/A = 2.878	7. Salix pulchra	lchra	0.1		FACW	Prevalence index = B/A =		
8 Hydrophytic Vegetation Indicators:	8					Hydrophytic Vegetation Indicators:		
9								
10 0	10					✓ Prevalence Index is ≤3.0		
Herb Stratum 50% of Total Cover: 52.55 20% of Total Cover: 21.02 Remarks or on a separate sheet)	Herb Stratum	=00/ C= . LO	: 21.02	-				
1. Calamagrostis canadensis 1 FAC Problematic Hydrophytic Vegetation (Explain)	-							
2. Petasites frigidus O.1 FACW Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.						¹ Indicators of hydric soil and wetland hydrology must		
3. Dipriasiastium alpinum		·			FACU	be present, unless disturbed of problematic.		
4						Plot size (radius, or length x width)		
% Cover of Wetland Bryophytes								
(Wile e applicable)						, , , ,		
70 Date Glound								
8 Total Cover of Bryophytes			0			Total Cover of bryophlytes		
10 Hydrophytic			0			Hydrophytic		
Total Cover: 1.2 Vegetation	-			Vegetation				
50% of Total Cover: 0.6 20% of Total Cover: 0.24 Present? Yes • No		50% of Total Cover: 0.6	20% o	of Total Cover:	0.24	Present? Yes ● No ○		

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SOIL Sampling Point: SW13_T107_07

									101111. 51115_1107_07		
Profile Descript		the depth ne Matrix	eded to docu	ment the indicator or co	onfirm the ab		ators)				
Depth (inches)							. 2	Texture	Remarks		
	Color (mo	oist)	<u>%</u>	Color (moist)	<u>%</u>	Type ¹	<u>Loc</u> 2		Remarks		
0-6								Hemic Organics			
6-15	10YR		100					Sapric Organics	w charcoal and subang cobbles		
15-17	10YR	3/2	100					Silty Clay Loam	w subang cobbles		
1= 0.0		D. data		21	- DI D						
- Type: C=Cor	ncentration. D	=Depletion.	RM=Reduc	ed Matrix ² Locatio				innei. M=Matrix			
Hydric Soil I	ndicators:			Indicators for P		4	oils:	1			
Histosol or	r Histel (A1)			Alaska Color C		-	☐ Alaska Gleyed Without Hue 5Y or Redder				
Histic Epip	edon (A2)			Alaska Alpine s	•	•		Underlying Layer			
	Sulfide (A4)			Alaska Redox	With 2.5Y	Hue		Other (Explain in Remark	S)		
	Surface (A12))		3 One indicator of	hydronhy	tic vegetatio	n one nrin	nary indicator of wetland h	vydrology		
Alaska Gle	, , ,			and an appropria					yurology,		
Alaska Red	. ,			⁴ Give details of c	olor chang	e in Domark	·				
☐ Alaska Gle	yed Pores (A1	5)		· Give details of t	olor chang	e iii keiiiaik	.5				
Restrictive Laye	er (if present):										
Type:								Hydric Soil Present	? Yes ○ No •		
Depth (inch	nes):										
Remarks:											
no hydric soil ir	ndicators										
,											
HYDROLO											
Wetland Hyd									cators (two or more are required)		
Primary Indica		is sufficient)						ned Leaves (B9)		
Surface W				☐ Inundation \		-			Patterns (B10)		
	er Table (A2)			Sparsely Veg		ncave Surfac	ce (B8)		hizospheres along Living Roots (C3)		
Saturation				Marl Deposit	,				f Reduced Iron (C4)		
☐ Water Ma				Hydrogen Su				☐ Salt Depos			
	Deposits (B2)			☐ Dry-Season		. ,			Stressed Plants (D1)		
☐ Drift Depo				U Other (Expla	in in Rema	ırks)			ic Position (D2)		
	or Crust (B4)								juitard (D3)		
Iron Depo									graphic Relief (D4)		
	oil Cracks (B6)							☐ FAC-neutra	Il Test (D5)		
Field Observa		Voc O	No •	Danth (in al.							
Surface Water				Depth (inche	es):						
Water Table F		Yes \bigcirc	No 💿	Depth (inche	es):		Wetla	nd Hydrology Presen	t? Yes ○ No •		
Saturation Pre (includes capi		Yes \bigcirc	No 💿	Depth (inche	es):						
		am dalido	monitor we	ll, aerial photos, pre	vious inco	action) if ava	nilahla:				
Describe Recor	ueu Data (sire	am gauge,	monitor we	ii, aeriai priotos, pre	vious irispe	ccion) ii ava	illable.				
Remarks:											
no wetland hydrology indicators											

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