WETLAND DETERMINATION DATA FORM - Alaska Region

Annlice	t/Site: Susitna-Watana Hydroelectric Project	В	orough/City:	Denali Bo	rough Sampling Date: 06-Aug-13
Thhird	ant/Owner: Alaska Energy Authority			-	Sampling Point: SW13_T174_09
	igator(s): WAD, RWM		Landform (hill	side, terrac	e, hummocks etc.): willow drainage feature
	relief (concave, convex, none): planar		Slope:		B ° Elevation: 102
	gion : Interior Alaska Mountains	l at :	63.364618778		Long.: -148.571573257 Datum: NAD83
		Lat	03.304010770	'4	
	ap Unit Name:		0 V	■ N= ○	NWI classification: PSS1B
	matic/hydrologic conditions on the site typical for this til	•		● No ○	(If no, explain in Remarks.) Ormal Circumstances" present? Yes ● No ○
		•	y disturbed?		omar on our occurred process.
Are v	/egetation , Soil , or Hydrology	naturally pr	oblematic?	(If nee	eded, explain any answers in Remarks.)
SUMI	MARY OF FINDINGS - Attach site map show	ving sam	npling point	locations	s, transects, important features, etc.
	Hydrophytic Vegetation Present? Yes No C)			
	Hydric Soil Present? Yes ● No C)			pled Area
	Wetland Hydrology Present? Yes ● No ○)	wi	thin a W	etland? Yes No
Rem	* **				
/EGI	ETATION -Use scientific names of plants. Li	st all sne	cies in the	nlot	
	2 Scientific flames of plants. Li	•			Dominance Test worksheet:
Tre	ee Stratum	Absolute % Cover	Dominant Species?	Indicator Status	Number of Dominant Species
1.		0			That are OBL, FACW, or FAC:3 (A)
2.		0			Total Number of Dominant Species Across All Strata: 3 (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:				Total % Cover of: Multiply by:
Sap	oling/Shrub Stratum 50% of Total Cover:	0 20%	of Total Cover:	0	OBL Species 0 x 1 = 0
1	Salix pulchra	90	✓	FACW	FACW Species 95 x 2 = 190
	Variation officiary		ñ	FAC	FAC Species 20 x 3 = 60
3.	vaccinium uliginosum				
		0			FACU Species 3 x 4 = 12
4.					FACU Species 3 x 4 = 12 UPL Species 0 x 5 = 0
		0			UPL Species 0 x 5 = 0
4.		0			UPL Species $0 \times 5 = 0$ Column Totals: $118 \times (A) \times 262 \times (B)$
4. 5.		0			UPL Species 0 x 5 = 0
4. 5. 6.		0 0 0			UPL Species $0 \times 5 = 0$ Column Totals: $118 \times (A) \times 262 \times (B)$
4. 5. 6. 7.		0 0 0			UPL Species $0 \times 5 = 0$ Column Totals: $118 \times (A) \times 262 \times (B)$ Prevalence Index = B/A = 2.220
4. 5. 6. 7. 8. 9.		0 0 0 0			UPL Species $0 \times 5 = 0$ Column Totals: $118 \times (A) \times 262 \times (B)$ Prevalence Index = B/A = 2.220 Hydrophytic Vegetation Indicators:
4. 5. 6. 7. 8. 9.	Total Cover:	0 0 0 0 0 0			UPL Species $0 \times 5 = 0$ Column Totals: 118×6 Prevalence Index = B/A = 2.220 Hydrophytic Vegetation Indicators: Dominance Test is > 50% Prevalence Index is ≤ 3.0 Morphological Adaptations 1 (Provide supporting data in
4. 5. 6. 7. 8. 9.		0 0 0 0 0 0		18.6	UPL Species 0 x 5 = 0 Column Totals: 118 (A) 262 (B) Prevalence Index = B/A = 2.220 Hydrophytic Vegetation Indicators: Dominance Test is > 50% Prevalence Index is ≤ 3.0 Morphological Adaptations 1 (Provide supporting data in Remarks or on a separate sheet)
4. 5. 6. 7. 8. 9. 10.	Total Cover:	0 0 0 0 0 0 0 0 0 0 46.5 20%	G of Total Cover	: 18.6 FAC	UPL Species $0 \times 5 = 0$ Column Totals: $118 \times (A) \times 262 \times (B)$ Prevalence Index = B/A = 2.220 Hydrophytic Vegetation Indicators: Dominance Test is > 50% Prevalence Index is ≤ 3.0 Morphological Adaptations 1 (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation 1 (Explain)
4. 5. 6. 7. 8. 9. 10. Hei	Total Cover: rb Stratum 50% of Total Cover: Calamagrostis canadensis Polemonium acutiflorum	0 0 0 0 0 0 0 0 0 46.5 20%		FAC FAC	UPL Species 0 x 5 = 0 Column Totals: 118 (A) 262 (B) Prevalence Index = B/A = 2.220 Hydrophytic Vegetation Indicators: ✓ Dominance Test is > 50% ✓ Prevalence Index is ≤ 3.0
4. 5. 6. 7. 8. 9. 10. Hei	Total Cover: 50% of Total Cover: Calamagrostis canadensis Polemonium acutiflorum Petasites frigidus	0 0 0 0 0 0 0 0 93 46.5 20%		FAC FAC FACW	UPL Species $0 \times 5 = 0$ Column Totals: 118×6 Prevalence Index = B/A = 2.220 Hydrophytic Vegetation Indicators: Dominance Test is > 50% Prevalence Index is ≤ 3.0 Morphological Adaptations 1 (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation 1 (Explain)
4. 5. 6. 7. 8. 9. 10. Her 1. 2. 3. 4.	Total Cover: rb Stratum 50% of Total Cover: Calamagrostis canadensis Polemonium acutiflorum Petasites frigidus Mertensia paniculata	0 0 0 0 0 0 0 0 93 46.5 20%		FAC FAC	UPL Species 0 x 5 = 0 Column Totals: 118 (A) 262 (B) Prevalence Index = B/A = 2.220 Hydrophytic Vegetation Indicators: ✓ Dominance Test is > 50% ✓ Prevalence Index is ≤ 3.0
4. 5. 6. 7. 8. 9. 10. Her 1. 2. 3. 4. 5.	Total Cover: rb Stratum 50% of Total Cover: Calamagrostis canadensis Polemonium acutiflorum Petasites frigidus Mertensia paniculata	0 0 0 0 0 0 0 0 93 46.5 20%		FAC FAC FACW	UPL Species 0 x 5 = 0 Column Totals: 118 (A) 262 (B) Prevalence Index = B/A = 2.220 Hydrophytic Vegetation Indicators: ✓ Dominance Test is > 50% ✓ Prevalence Index is ≤ 3.0 ☐ Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) ☐ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. Plot size (radius, or length x width) 10m % Cover of Wetland Bryophytes
4. 5. 6. 7. 8. 9. 10. Hea 1. 2. 3. 4. 5. 6.	Total Cover: 50% of Total Cover: Calamagrostis canadensis Polemonium acutiflorum Petasites frigidus Mertensia paniculata	0 0 0 0 0 0 0 0 0 93 46.5 20%		FAC FAC FACW	UPL Species 0 x 5 = 0 Column Totals: 118 (A) 262 (B) Prevalence Index = B/A = 2.220 Hydrophytic Vegetation Indicators: ✓ Dominance Test is > 50% ✓ Prevalence Index is ≤3.0
4. 5. 6. 7. 8. 9. 10. Heer 1. 2. 3. 4. 5. 6. 7.	Total Cover: 50% of Total Cover: Calamagrostis canadensis Polemonium acutiflorum Petasites frigidus Mertensia paniculata	0 0 0 0 0 0 0 0 0 46.5 20% 15 2 5 3 0 0		FAC FAC FACW	UPL Species 0 x 5 = 0 Column Totals: 118 (A) 262 (B) Prevalence Index = B/A = 2.220 Hydrophytic Vegetation Indicators: ✓ Dominance Test is > 50% ✓ Prevalence Index is ≤ 3.0 Morphological Adaptations¹ (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. Plot size (radius, or length x width) % Cover of Wetland Bryophytes (Where applicable) % Bare Ground
4. 5. 6. 7. 8. 9. 10. Her 1. 2. 3. 4. 5. 6. 7. 8.	Total Cover: 50% of Total Cover: Calamagrostis canadensis Polemonium acutiflorum Petasites frigidus Mertensia paniculata	0 0 0 0 0 0 0 0 93 46.5 20% 15 2 5 3 0 0		FAC FAC FACW	UPL Species 0 x 5 = 0 Column Totals: 118 (A) 262 (B) Prevalence Index = B/A = 2.220 Hydrophytic Vegetation Indicators: ✓ Dominance Test is > 50% ✓ Prevalence Index is ≤3.0
4. 5. 6. 7. 8. 9. 10. Heal 1. 2. 3. 4. 5. 6. 7. 8. 9.	Total Cover: 50% of Total Cover: Calamagrostis canadensis Polemonium acutiflorum Petasites frigidus Mertensia paniculata	0 0 0 0 0 0 0 0 93 46.5 20% 15 2 5 3 0 0		FAC FAC FACW	UPL Species 0 x 5 = 0 Column Totals: 118 (A) 262 (B) Prevalence Index = B/A = 2.220 Hydrophytic Vegetation Indicators: ✓ Dominance Test is > 50% ✓ Prevalence Index is ≤ 3.0 ☐ Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) ☐ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. Plot size (radius, or length x width) 10m % Cover of Wetland Bryophytes (Where applicable) % Bare Ground Total Cover of Bryophytes
4. 5. 6. 7. 8. 9. 10. Heal 1. 2. 3. 4. 5. 6. 7. 8. 9.	Total Cover: rb Stratum 50% of Total Cover: Calamagrostis canadensis Polemonium acutiflorum Petasites frigidus Mertensia paniculata	0 0 0 0 0 0 0 0 0 46.5 20% 15 2 5 3 0 0 0		FAC FAC FACW	UPL Species 0 x 5 = 0 Column Totals: 118 (A) 262 (B) Prevalence Index = B/A = 2.220 Hydrophytic Vegetation Indicators: ✓ Dominance Test is > 50% ✓ Prevalence Index is ≤3.0 Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. Plot size (radius, or length x width) 10m % Cover of Wetland Bryophytes (Where applicable) % Bare Ground Total Cover of Bryophytes
4. 5. 6. 7. 8. 9. 10. Heal 1. 2. 3. 4. 5. 6. 7. 8. 9.	Total Cover: 50% of Total Cover: Calamagrostis canadensis Polemonium acutiflorum Petasites frigidus Mertensia paniculata	0 0 0 0 0 0 0 0 93 46.5 20% 15 2 5 3 0 0 0 0		FAC FAC FACU	UPL Species 0 x 5 = 0 Column Totals: 118 (A) 262 (B) Prevalence Index = B/A = 2.220 Hydrophytic Vegetation Indicators: ✓ Dominance Test is > 50% ✓ Prevalence Index is ≤ 3.0 ☐ Morphological Adaptations ¹ (Provide supporting data in Remarks or on a separate sheet) ☐ Problematic Hydrophytic Vegetation ¹ (Explain) ¹ Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. Plot size (radius, or length x width) 10m % Cover of Wetland Bryophytes (Where applicable) % Bare Ground Total Cover of Bryophytes

US Army Corps of Engineers Alaska Version 2.0

SOIL Sampling Point: SW13_T174_09

(inches)	Color (m	oist)	%	Color (moist)	% 1	Type 1 Loc		Texture	Rema	rks
0-2			100				Fibric O	rganics		
2-9	10YR	2/2	100				Sapric C	Organics		
9-12	10YR	3/2	100			-	Sand		with lots of organics.	
									-	
		D. data					Charact M	Mari		
		=Depletior		d Matrix ² Locatio		-	Channel. M=	-Matrix		
lydric Soil Indi				Indicators for P	4	ydric Soils:		OL 114511	57 5 11	
☐ Histosol or Hi	. ,			Alaska Color C Alaska Alpine				Gleyed Without H ving Layer	ue 5Y or Redder	
✓ Histic Epiped	. ,				Swales (1A5) With 2.5Y Hue		_ `	Explain in Remark	(S)	
☐ Hydrogen Su☐ Thick Dark Su	` '	1)		Alaska Redux	with 2.51 flue		outer (Explain in Remain	,	
Alaska Gleyed	`	()		³ One indicator of				cator of wetland h	ydrology,	
Alaska Gleyet Alaska Redox				and an appropria	ite landscape p	oosition must b	e present			
Alaska Gleyed	. ,	.5)		⁴ Give details of o	color change in	Remarks				
estrictive Layer (•									
Type:	ii present)	•					Hydri	c Soil Present	? Yes • No	\circ
1,700.							Hyun	t Juli Fresent	: 163 - 140	,
Depth (inches):									
Depth (inches):									
):									
emarks:										
emarks: YDROLOG	Y	ators:						Secondary Indi	cators (two or more a	re required)
YDROLOG Vetland Hydrol Primary Indicator	Y ogy Indic		t)					Water Stai	ned Leaves (B9)	re required)
YDROLOG Vetland Hydrolopimary Indicator Surface Wate	Y ogy Indic s (any one er (A1)		t)			al Imagery (B7)		☐ Water Stai ✓ Drainage F	ned Leaves (B9) Patterns (B10)	
YDROLOG' Vetland Hydrol rimary Indicator Surface Wate	Y ogy Indic s (any one er (A1) Table (A2)		ıt)	Sparsely Veg	getated Concav	al Imagery (B7) ve Surface (B8)		Water Stai✓ Drainage FOxidized R	ned Leaves (B9) Patterns (B10) hizospheres along Livi	
YDROLOG' /etland Hydrol /rimary Indicator Surface Wate	Y ogy Indic s (any one er (A1) Table (A2) A3)		ıt)	Sparsely Veg	getated Concav ts (B15)	ve Surface (B8)		Water Stai ✓ Drainage F Oxidized R Presence c	ned Leaves (B9) Patterns (B10) hizospheres along Livi of Reduced Iron (C4)	
YDROLOG' /etland Hydrol- drimary Indicator Surface Water High Water T Saturation (A Water Marks	Y ogy Indic s (any one er (A1) Table (A2) A3) s (B1)	is sufficier	nt)	Sparsely Veg Marl Deposit Hydrogen Su	getated Concav ts (B15) ulfide Odor (C1	ve Surface (B8)		Water Stai ✓ Drainage F ☐ Oxidized R ☐ Presence c ☐ Salt Depos	ned Leaves (B9) Patterns (B10) hizospheres along Livi of Reduced Iron (C4) its (C5)	
YDROLOG Vetland Hydrolog Primary Indicator Surface Wate High Water To Saturation (A Water Marks Sediment De	Y ogy Indic s (any one er (A1) Table (A2) A3) c (B1) eposits (B2)	is sufficier	ıt)	Sparsely Veg Marl Deposit Hydrogen St Dry-Season	getated Concav ts (B15) ulfide Odor (C1 Water Table (C	ve Surface (B8) 1) C2)		Water Stai ✓ Drainage F Oxidized R Presence c Salt Depos Stunted or	ned Leaves (B9) Patterns (B10) hizospheres along Livi of Reduced Iron (C4) its (C5) Stressed Plants (D1)	
YDROLOG' Vetland Hydrol Primary Indicator Surface Wate High Water T Saturation (A Water Marks Sediment De Drift Deposit	Y ogy Indic s (any one er (A1) Table (A2) A3) s (B1) eposits (B2) s (B3)	is sufficier	ıt)	Sparsely Veg Marl Deposit Hydrogen St Dry-Season	getated Concav ts (B15) ulfide Odor (C1	ve Surface (B8) 1) C2)		Water Stai ✓ Drainage F Oxidized R Presence c Salt Depos Stunted or Geomorph	ned Leaves (B9) Patterns (B10) hizospheres along Livi of Reduced Iron (C4) hits (C5) Stressed Plants (D1) hic Position (D2)	
YDROLOG Yetland Hydrol Primary Indicator Surface Wate High Water T Saturation (A Water Marks Sediment De Drift Deposit Algal Mat or	Y ogy Indic s (any one er (A1) Table (A2) A3) s (B1) eposits (B2) s (B3) Crust (B4)	is sufficier	ıt)	Sparsely Veg Marl Deposit Hydrogen St Dry-Season	getated Concav ts (B15) ulfide Odor (C1 Water Table (C	ve Surface (B8) 1) C2)		Water Stai ✓ Drainage F ○ Oxidized R ○ Presence c ○ Salt Depos ○ Stunted or ○ Geomorph ○ Shallow Ac	ned Leaves (B9) Patterns (B10) hizospheres along Livi of Reduced Iron (C4) its (C5) Stressed Plants (D1) ic Position (D2) juitard (D3)	
YDROLOG Vetland Hydrol Verimary Indicator Surface Wate High Water Marks Sediment De Drift Deposit Algal Mat or Iron Deposits	Y ogy Indic s (any one er (A1) Table (A2) A3) (B1) eposits (B2) s (B3) Crust (B4) s (B5)	is sufficier	ıt)	Sparsely Veg Marl Deposit Hydrogen St Dry-Season	getated Concav ts (B15) ulfide Odor (C1 Water Table (C	ve Surface (B8) 1) C2)		Water Stai ✓ Drainage F ○ Oxidized R ○ Presence c ○ Salt Depos ○ Stunted or ○ Geomorph ○ Shallow Ac ○ Microtopog	ned Leaves (B9) Patterns (B10) hizospheres along Livi of Reduced Iron (C4) its (C5) Stressed Plants (D1) ic Position (D2) quitard (D3) graphic Relief (D4)	
YDROLOG /etland Hydrol rimary Indicator Surface Wate High Water 1 Saturation (A Water Marks Sediment De Drift Deposit Algal Mat or Iron Deposit Surface Soil	Y ogy Indic s (any one er (A1) Table (A2) A3) f (B1) eposits (B2) s (B3) Crust (B4) s (B5) Cracks (B6	is sufficier	nt)	Sparsely Veg Marl Deposit Hydrogen St Dry-Season	getated Concav ts (B15) ulfide Odor (C1 Water Table (C	ve Surface (B8) 1) C2)		Water Stai ✓ Drainage F ○ Oxidized R ○ Presence c ○ Salt Depos ○ Stunted or ○ Geomorph ○ Shallow Ac	ned Leaves (B9) Patterns (B10) hizospheres along Livi of Reduced Iron (C4) its (C5) Stressed Plants (D1) ic Position (D2) quitard (D3) graphic Relief (D4)	
YDROLOG' /etland Hydrol- rimary Indicator Surface Wate High Water T Saturation (A Water Marks Sediment De Drift Deposit Algal Mat or Iron Deposit Surface Soil	Y ogy Indic s (any one er (A1) Table (A2) A3) s (B1) eposits (B2) s (B3) Crust (B4) s (B5) Cracks (B6 ons:	is sufficier	nt)	Sparsely Veg Marl Deposit Hydrogen Su Dry-Season Other (Expla	getated Concav ts (B15) ulfide Odor (C1 Water Table (Caning in Remarks)	ve Surface (B8) 1) C2)		Water Stai ✓ Drainage F ○ Oxidized R ○ Presence c ○ Salt Depos ○ Stunted or ○ Geomorph ○ Shallow Ac ○ Microtopog	ned Leaves (B9) Patterns (B10) hizospheres along Livi of Reduced Iron (C4) its (C5) Stressed Plants (D1) ic Position (D2) quitard (D3) graphic Relief (D4)	
YDROLOG Vetland Hydrolog Filand Hydrolog Surface Water Saturation (A Water Marks Sediment De Drift Deposit Algal Mat or Iron Deposit Surface Soil Surface Water Pr	Y ogy Indic s (any one er (A1) Table (A2) A3) (B1) eposits (B2) s (B3) Crust (B4) s (B5) Cracks (B6 ons: resent?	is sufficier	○ No •	Sparsely Veg Marl Deposit Hydrogen St Dry-Season Other (Expla	getated Concavers (B15) ulfide Odor (C1) Water Table (Cain in Remarks)	ve Surface (B8)		Water Stai ✓ Drainage F Oxidized R Presence c Salt Depos Stunted or Geomorph Shallow Ac Microtopog ✓ FAC-neutra	ned Leaves (B9) Patterns (B10) hizospheres along Livi of Reduced Iron (C4) its (C5) Stressed Plants (D1) ic Position (D2) quitard (D3) graphic Relief (D4) al Test (D5)	ing Roots (C3
YDROLOG Yetland Hydrol rimary Indicator Surface Wate High Water Marks Sediment De Drift Deposit Algal Mat or Iron Deposit Surface Soil ield Observatio Surface Water Pr	Y ogy Indic s (any one er (A1) Table (A2) A3) (B1) eposits (B2) s (B3) Crust (B4) s (B5) Cracks (B6 ons: resent?	yes (○ No • ○ No •	Sparsely Veg Marl Deposit Hydrogen Su Dry-Season Other (Expla	getated Concavers (B15) ulfide Odor (C1) Water Table (Capin in Remarks) es):	ve Surface (B8)		Water Stai ✓ Drainage F ○ Oxidized R ○ Presence c ○ Salt Depos ○ Stunted or ○ Geomorph ○ Shallow Ac ○ Microtopog	ned Leaves (B9) Patterns (B10) hizospheres along Livi of Reduced Iron (C4) its (C5) Stressed Plants (D1) ic Position (D2) quitard (D3) graphic Relief (D4) al Test (D5)	
YDROLOG Vetland Hydrolog Filand Hydrolog Surface Water Saturation (A Water Marks Sediment De Drift Deposit Algal Mat or Iron Deposit Surface Soil Surface Water Pr	Y ogy Indic s (any one er (A1) Table (A2) A3) (B1) eposits (B2) s (B3) Crust (B4) s (B5) Cracks (B6 ons: resent? sent?	yes (○ No •	Sparsely Veg Marl Deposit Hydrogen St Dry-Season Other (Expla	getated Concavers (B15) ulfide Odor (C1) Water Table (Capin in Remarks) es):	ve Surface (B8)		Water Stai ✓ Drainage F Oxidized R Presence c Salt Depos Stunted or Geomorph Shallow Ac Microtopog ✓ FAC-neutra	ned Leaves (B9) Patterns (B10) hizospheres along Livi of Reduced Iron (C4) its (C5) Stressed Plants (D1) ic Position (D2) quitard (D3) graphic Relief (D4) al Test (D5)	ing Roots (C3
YDROLOG Yetland Hydrol rimary Indicator Surface Water High Water 1 Saturation (A Water Marks Sediment De Drift Deposit Algal Mat or Iron Deposit Surface Soil Gulface Water Pr Water Table Prese Saturation Preser includes capillar	Y ogy Indic s (any one er (A1) Table (A2) A3) (B1) eposits (B2) s (B3) Crust (B4) s (B5) Cracks (B6 ons: resent? sent? y fringe)	Yes Yes	No ●No ●No ●No ●	Sparsely Veg Marl Deposit Hydrogen Su Dry-Season Other (Expla	getated Concaves (B15) ulfide Odor (C1) Water Table (Cain in Remarks) es): es):	ve Surface (B8)	tland Hyd	Water Stai ✓ Drainage F Oxidized R Presence c Salt Depos Stunted or Geomorph Shallow Ac Microtopog ✓ FAC-neutra	ned Leaves (B9) Patterns (B10) hizospheres along Livi of Reduced Iron (C4) its (C5) Stressed Plants (D1) ic Position (D2) quitard (D3) graphic Relief (D4) al Test (D5)	ing Roots (C
YDROLOG' Yetland Hydrol- rimary Indicator Surface Water High Water Marks Sediment De Drift Deposit Algal Mat or Iron Deposit Surface Soil Geld Observatio Surface Water Provided Courface Water Provid	Y ogy Indic s (any one er (A1) Table (A2) A3) (B1) eposits (B2) s (B3) Crust (B4) s (B5) Cracks (B6 ons: resent? sent? y fringe)	Yes Yes	No ●No ●No ●No ●	Sparsely Veg Marl Deposit Hydrogen St Dry-Season Other (Expla	getated Concaves (B15) ulfide Odor (C1) Water Table (Cain in Remarks) es): es):	ve Surface (B8)	tland Hyd	Water Stai ✓ Drainage F Oxidized R Presence c Salt Depos Stunted or Geomorph Shallow Ac Microtopog ✓ FAC-neutra	ned Leaves (B9) Patterns (B10) hizospheres along Livi of Reduced Iron (C4) its (C5) Stressed Plants (D1) ic Position (D2) quitard (D3) graphic Relief (D4) al Test (D5)	ing Roots (C
POROLOG etland Hydrol rimary Indicator Surface Water High Water I Saturation (A Water Marks Sediment De Drift Deposit Algal Mat or Iron Deposit Surface Soil eld Observatio surface Water Pr Vater Table Prese faturation Prese includes capillar escribe Recorded	Y ogy Indic s (any one er (A1) Table (A2) A3) s (B1) eposits (B2) s (B3) Crust (B4) s (B5) Cracks (B6 ons: resent? sent? y fringe) d Data (stre	Yes Yes	No ● No ● No ● No ●	Sparsely Veg Marl Deposit Hydrogen St Dry-Season Other (Expla	getated Concave (B15) ulfide Odor (C1) Water Table (Canin in Remarks) es): es): es):	we Surface (B8)	tland Hyd	Water Stai ✓ Drainage F Oxidized R Presence c Salt Depos Stunted or Geomorph Shallow Ac Microtopog ✓ FAC-neutra	ned Leaves (B9) Patterns (B10) hizospheres along Livi of Reduced Iron (C4) its (C5) Stressed Plants (D1) ic Position (D2) quitard (D3) graphic Relief (D4) al Test (D5)	ing Roots (C

U.S. Army Corps of Engineers Alaska Version 2.0