WETLAND DETERMINATION DATA FORM - Alaska Region

	ct/Site: Susitna-Watana Hydroelectric Project		Borough/City	Matanusk	ka-Susitna Borough Sampling Date: 06-Aug-13
Applic	cant/Owner: Alaska Energy Authority			•	Sampling Point: SW13_T161_05
Invest	tigator(s): BAB		Landform (h	nillside, terrac	ce, hummocks etc.): Hillside
	relief (concave, convex, none): rolling		Slope:	% / 15.:	-
	egion : Interior Alaska Mountains	l at ·	 63.3299614	305	Long.: -148.512443304 Datum: NAD83
		Lat	03.3299014	303	
	lap Unit Name:		o V-	s • No O	NWI classification: Upland
	limatic/hydrologic conditions on the site typical for this t $\!$	•			
			tly disturbed?		tornal officialises present:
Are	Vegetation . , Soil . , or Hydrology .	naturally	problematic?	(If nee	eded, explain any answers in Remarks.)
SUM	IMARY OF FINDINGS - Attach site map sho	wing sa	mpling poir	nt locations	s, transects, important features, etc.
	Hydrophytic Vegetation Present? Yes O No	•	_		
	Hydric Soil Present? Yes O No	ullet			npled Area
	Wetland Hydrology Present? Yes O No	•	١	vithin a W	/etland? Yes ○ No •
Rem	narks:				
VEG	ETATION - Use scientific names of plants. L	ist all sn	ecies in th	e nlot	
	23. 1. Ose scientific flames of plants. L				Dominance Test worksheet:
Tre	ee Stratum	Absolute % Cove		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: 6 (B)
3.					Percent of dominant Species
4.		0			That Are OBL, FACW, or FAC: 50.0% (A/B)
5.		0			Prevalence Index worksheet:
	Total Cove	r: <u>0</u>	_		Total % Cover of: Multiply by:
Sa	pling/Shrub Stratum 50% of Total Cover:	0 20	% of Total Cove	er: <u>0</u>	OBL Species 0 x1 = 0
1	Salix polaris	10	✓	FACW	FACW Species 18 x 2 = 36
	Dryge gigneneie	15	- =	UPL	FAC Species 3.2 x 3 = 9.6
3.	Cassiana tatragana	- 15		FACU	FACU Species 22.1 x 4 = 88.40
4.					UPL Species 15.2 x 5 = 76.00
5.					
		0			Column Totals: 58.5 (A) 210.0 (B)
6.					Column Totals: <u>58.5</u> (A) <u>210.0</u> (B)
7.		0			Column Totals: <u>58.5</u> (A) <u>210.0</u> (B) Prevalence Index = B/A = <u>3.590</u>
		0			
7.		0 0			Prevalence Index = B/A = 3.590
7. 8.		0 0			Prevalence Index = B/A = 3.590 Hydrophytic Vegetation Indicators:
7. 8. 9.		0 0 0 0 0 0			Prevalence Index = B/A = 3.590 Hydrophytic Vegetation Indicators: □ Dominance Test is > 50% □ Prevalence Index is ≤3.0
7. 8. 9. 10.		0 0 0 0 0 0		eer: 8	Prevalence Index = B/A = 3.590 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)
7. 8. 9. 10.	Total Cover erb Stratum 50% of Total Cover:	0 0 0 0 0 0	of Total Cov	rer: 8 FACU	Prevalence Index = B/A = 3.590 Hydrophytic Vegetation Indicators: □ Dominance Test is > 50% □ Prevalence Index is ≤3.0 □ Morphological Adaptations ¹ (Provide supporting data in
7. 8. 9. 10.	Total Covererb Stratum 50% of Total Cover: Artemisia norvegica	0 0 0 0 0 0 0 20 20	or Total Cov		Prevalence Index = B/A = 3.590 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
7. 8. 9. 10. He	Total Cove erb Stratum 50% of Total Cover: Artemisia norvegica Antennaria monocephala Anthoxanthum monticola ssp. alpinum	0 0 0 0 0 0 0 20 20	or Total Cov	FACU UPL UPL	Prevalence Index = B/A = 3.590 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)
7. 8. 9. 10. He 1. 2.	Total Cover Perb Stratum 50% of Total Cover: Artemisia norvegica Antennaria monocephala Anthoxanthum monticola ssp. alpinum Campanula lasiocarpa	0 0 0 0 0 0 20 20 1 0.1 6		FACU UPL UPL UPL	Prevalence Index = B/A =3.590 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.
7. 8. 9. 10. He 1. 2. 3.	Total Covererb Stratum 50% of Total Cover:	0 0 0 0 0 20 20 1 0.1 6 0.1		FACU UPL UPL UPL FAC	Prevalence Index = B/A = 3.590 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.
7. 8. 9. 10. He 1. 2. 3. 4. 5.	Total Covererb Stratum 50% of Total Cover: Artemisia norvegica Antennaria monocephala Anthoxanthum monticola ssp. alpinum Campanula lasiocarpa Luzula nivalis Poa alpina	0 0 0 0 0 20 20 1 0.1 6 0.1		FACU UPL UPL UPL FAC FACU	Prevalence Index = B/A =3.590 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) Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic. Plot size (radius, or length x width)
7. 8. 9. 10. He 1. 2. 3. 4. 5. 6. 7.	Total Cove erb Stratum 50% of Total Cover: Artemisia norvegica Antennaria monocephala Anthoxanthum monticola ssp. alpinum Campanula lasiocarpa Luzula nivalis Poa alpina Trisetum spicatum	0 0 0 0 0 20 20 1 0.1 6 0.1 3 0.1	of Total Cov	FACU UPL UPL FAC FACU FAC	Prevalence Index = B/A =3.590 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) 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 5
7. 8. 9. 10. He 1. 2. 3. 4. 5. 6. 7. 8.	Total Covererb Stratum 50% of Total Cover: Artemisia norvegica Antennaria monocephala Anthoxanthum monticola ssp. alpinum Campanula lasiocarpa Luzula nivalis Poa alpina Trisetum spicatum Gentiana glauca	0 0 0 0 0 20 20 20 1 0.1 6 0.1 3 0.1 0.1	0% of Total Cov	FACU UPL UPL FAC FACU FAC FAC	Prevalence Index = B/A =3.590 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)
7. 8. 9. 10. Hee 1. 2. 3. 4. 5. 6. 7. 8. 9.	Total Covererb Stratum 50% of Total Cover:	7: 40 20 20 0.1 3 0.1 0.1 4.		FACU UPL UPL FAC FACU FAC FAC FAC FACW	Prevalence Index = B/A =3.590 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) 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 Total Cover of Bryophytes Total Cover of Bryophytes
7. 8. 9. 10. He 1. 2. 3. 4. 5. 6. 7. 8.	Total Covererb Stratum 50% of Total Cover:	0 0 0 0 0 20 20 20 20 0.1 6 0.1 3 0.1 0.1 0.1 4 4		FACU UPL UPL FAC FACU FAC FAC	Prevalence Index = B/A =3.590 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) 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 Total Cover of Bryophytes Hydrophytic
7. 8. 9. 10. Hee 1. 2. 3. 4. 5. 6. 7. 8. 9.	Total Covererb Stratum 50% of Total Cover:	7: 40 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.		FACU UPL UPL FAC FACU FAC FAC FACW FACW	Prevalence Index = B/A =3.590 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) 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 Total Cover of Bryophytes Total Cover of Bryophytes

US Army Corps of Engineers Alaska Version 2.0

SOIL Sampling Point: SW13_T161_05

Color (molet) Solar (mole	Profile Description: (Describe	Matrix			dox Featur			_	
2-8 2.5Y 3/2 100	<i>a</i> : .	moist)	%	Color (moist)	%	Type ¹	Loc ²	Texture	Remarks
B-18 2.5Y 3/2 100 Loarny Sand semilary to angular gravel and cootes **Type: C=Concentration. D=Depletion. RM=Reduced Matrix **Location: PL=Pore Lining, RC=Root Channel, M=Matrix **Histic Explored (A2)	0-2		100					Hemic Organics	
"Type: C—Concentration, D—Depletion, RM—Reduced Matrix 2 Location: PL—Pore Lining, RC=Root Channel, M=Matrix Whydric Soil Indicators: Histosol or Histel (A1)	2-8 2.5Y	3/2	100					Silt Loam	semi ang to angular gravel and cobbles
Hydric Soil Indicators: Histosol or Histe (A1)	8-18 2.5Y	3/2	100					Loamy Sand	semi ang to angular gravel and cobbles
Hydric Soil Indicators: Histosol or Histe (A1)									-
Hydric Soil Indicators: Histosol or Histe (A1)									-
Hydric Soil Indicators: Histosol or Histe (A1)									-
Hydric Soil Indicators: Histosol or Histe (A1)							-	-	
Hydric Soil Indicators: Histosol or Histe (A1)								-	_
Histosol or Histel (A1)	¹ Type: C=Concentration	D=Depletion						annel. M=Matrix	-
Histic Epipedon (A2)	Hydric Soil Indicators:		J			4	oils: ³	_	
Histo Explication (N2)	Histosol or Histel (A1			Alaska Color C	Change (TA4))			lue 5Y or Redder
Thick Dark Surface (A12)	Histic Epipedon (A2)		Ĺ		` '	•		, , ,	
Alaska Gleyed (A13) 3 One indicator of hydrophytic vegetation, one primary indicator of wetland hydrology, and an apropriate landscape position must be present	Hydrogen Sulfide (A4)	Ĺ	Alaska Redox	With 2.5Y Hu	ue		Other (Explain in Remar	ks)
Alaska Redox (A14) Alaska Redox (A14) Alaska Redox (A14) Alaska Gleyed Pores (A15) Restrictive Layer (if present): Type: Depth (inches): Remarks: Remark	_ `	12)		3 One indicator o	f hydronhytid	c vegetatio	n one nrin	nary indicator of wetland	hydrology
Alaska Gleyed Pores (A15) Restrictive Layer (if present):									nyurology,
Restrictive Layer (if present): Type: Depth (inches): Remarks: no hydric soil indicators Hydric Soil Present? Yes \ No \ Depth (inches): Hydric Soil Present? Yes \ No \ Depth (inches): Hydric Soil Present? Yes \ No \ Depth (inches): Hydric Soil Present? Yes \ No \ Depth (inches): Hydric Soil Present? Yes \ No \ Depth (inches): Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available: Hydric Soil Present? Yes \ No \ Depth (inches): Hydric Soil Present? Yes \ No \ Depth (inches): Hydric Soil Present? Yes \ No \ Depth (inches): Hydric Soil Present? Yes \ No \ Depth (inches): Hydric Soil Present? Yes \ No \ Depth (inches): Hydric Soil Present? Yes \ No \ Depth (inches): Hydric Soil Present? Yes \ No \ Depth (inches): Hydric Soil Present? Yes \ No \ Depth (inches): Hydric Soil Present? Yes \ No \ Depth (inches): Hydric Soil Present? Yes \ No \ Depth (inches): Hydric Soil Present? Yes \ No \ Depth (inches): Hydric Soil Present? Yes \ No \ Depth (inches): Hydric Soil Present? Yes \ No \ Depth (inches): Hydric Soil Present? Yes \ No \ Depth (inches): Hydric Soil Present? Yes \ No \ Depth (inches): Hydric Soil Present? Yes \ No \ Depth (inches): Hydric Soil Present? Yes \ No \ Depth (inches):	_ ` ′			4 Give details of a	color change	in Remark	rs.		
Type: Depth (inches): Remarks: no hydric soil indicators	☐ Alaska Gleyed Pores	A15)		Oive details of t	color change	III Remark			
Depth (inches): Remarks: no hydric soil indicators HYDROLOGY Wetland Hydrology Indicators: Primary Indicators (any one is sufficient) Surface Water (A1) High Water Table (A2) Saturation (A3) Marl Deposits (B15) Marl Deposits (B15) Sedeniment Deposits (B2) Soffine Hydrogen Sulfide Odor (C1) Salt Deposits (B3) Drift Deposits (B3) Oditated Fresent? Algal Mat or Crust (B4) Iron Deposits (B5) Surface (B6) Drift Deposits (B5) Surface Soil Cracks (B6) Depth (inches): Wetland Hydrology Indicators (two or more are required) Water Stained Leaves (B9) Drainage Patterns (B10) Water Table Presence (B9) Drainage Patterns (B10)	, , ,	t):							
### Appropriate Secondary Indicators Appropriate Secondary Indicators (two or more are required)	* *							Hydric Soil Present	t? Yes ∪ No •
HYDROLOGY Wetland Hydrology Indicators: Wetland Hydrology Indicators: Wetland Hydrology Indicators: Water Stained Leaves (B9)									
Wetland Hydrology Indicators: Primary Indicators (any one is sufficient)	Remarks:								
Primary Indicators (any one is sufficient) Surface Water (A1) High Water Table (A2) Saturation (A3) Marl Deposits (B15) Hydrogen Sulfide Odor (C1) Sediment Deposits (B2) Drainage Patterns (B10) Presence of Reduced Iron (C4) Saturation (A3) Drainage Patterns (B10) Presence of Reduced Iron (C4) Saturation (A3) Sediment Deposits (B2) Dry-Season Water Table (C2) Stunted or Stressed Plants (D1) Drift Deposits (B3) Other (Explain in Remarks) Geomorphic Position (D2) Surface Soil Cracks (B6) Field Observations: Surface Water Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available: Water Table (A2) Drainage Patterns (B10) Drainage Patterns (B1	Remarks:								
Surface Water (A1)	Remarks: no hydric soil indicators								
High Water Table (A2)	Remarks: no hydric soil indicators HYDROLOGY Wetland Hydrology Inc.							_Secondary Ind	icators (two or more are required)
Saturation (A3)	Remarks: no hydric soil indicators HYDROLOGY Wetland Hydrology Inc Primary Indicators (any o		nt)					Water Sta	ined Leaves (B9)
Water Marks (B1)	Remarks: no hydric soil indicators HYDROLOGY Wetland Hydrology Inc Primary Indicators (any o	ne is sufficier	nt)			_		Water Sta	ined Leaves (B9) Patterns (B10)
□ Sediment Deposits (B2) □ Dry-Season Water Table (C2) □ Stunted or Stressed Plants (D1) □ Drift Deposits (B3) □ Other (Explain in Remarks) □ Geomorphic Position (D2) □ Shallow Aquitard (D3) □ Shallow Aquitard (D3) □ Microtopographic Relief (D4) □ Surface Soil Cracks (B6) □ FAC-neutral Test (D5) Field Observations: Surface Water Present? Yes ○ No ② Depth (inches): Water Table Present? Yes ○ No ② Depth (inches): Saturation Present? Yes ○ No ③ Depth (inches): Observations Present? Yes ○ No ③ Depth (inches): Saturation Present? Yes ○ No ④ Depth (inches): Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:	Remarks: no hydric soil indicators HYDROLOGY Wetland Hydrology Inc Primary Indicators (any o Surface Water (A1) High Water Table (A	ne is sufficier	nt)	Sparsely Ve	getated Conc	_		Water Sta Drainage Oxidized I	ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3)
□ Drift Deposits (B3) □ Other (Explain in Remarks) □ Geomorphic Position (D2) □ Shallow Aquitard (D3) □ Iron Deposits (B5) □ Microtopographic Relief (D4) □ Surface Soil Cracks (B6) □ FAC-neutral Test (D5) □ Surface Water Present? Yes □ No ● Depth (inches): Water Table Present? Yes □ No ● Depth (inches): Saturation Present? Yes □ No ● Depth (inches): Consider Water Aguage, monitor well, aerial photos, previous inspection) if available: Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available:	Remarks: no hydric soil indicators HYDROLOGY Wetland Hydrology Inc Primary Indicators (any o Surface Water (A1) High Water Table (A Saturation (A3)	ne is sufficier	nt)	Sparsely Ve	getated Cond ts (B15)	cave Surfac		Water Sta Drainage Oxidized I Presence	ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4)
Algal Mat or Crust (B4) ☐ Iron Deposits (B5) ☐ Surface Soil Cracks (B6) Field Observations: Surface Water Present? Water Table Present? Yes No Depth (inches): Saturation Present? (includes capillary fringe) Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available: Wetland Hydrology Present? Yes No Depth (inches): Wetland Hydrology Present? Yes No Persont (inches): Wetland Hydrology Present? Yes No Persont (inches): No Persont (inches): Remarks:	Remarks: no hydric soil indicators HYDROLOGY Wetland Hydrology Inc Primary Indicators (any o Surface Water (A1) High Water Table (A Saturation (A3) Water Marks (B1)	ne is sufficier	nt)	Sparsely Ve	getated Cond ts (B15) ulfide Odor (I	cave Surfac		Water Sta Drainage Oxidized I Presence Salt Depo	ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5)
☐ Iron Deposits (B5) ☐ Microtopographic Relief (D4) ☐ Surface Soil Cracks (B6) ☐ FAC-neutral Test (D5) ☐ FAC-neutral Test (D5	Remarks: no hydric soil indicators HYDROLOGY Wetland Hydrology Inc Primary Indicators (any o Surface Water (A1) High Water Table (A Saturation (A3) Water Marks (B1) Sediment Deposits (I	ne is sufficier	nt)	Sparsely Ve	getated Cond ts (B15) ulfide Odor (Water Table	Cave Surface C1) (C2)		Water Sta Drainage Oxidized I Presence Salt Depo	ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1)
Surface Soil Cracks (B6) Field Observations: Surface Water Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Cincludes capillary fringe) Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available: Remarks:	Remarks: no hydric soil indicators HYDROLOGY Wetland Hydrology Inc Primary Indicators (any o Surface Water (A1) High Water Table (A Saturation (A3) Water Marks (B1) Sediment Deposits (B3)	ne is sufficier 2) 32)	nt)	Sparsely Ve	getated Cond ts (B15) ulfide Odor (Water Table	Cave Surface C1) (C2)		Water Sta Drainage Oxidized I Presence Salt Depo Stunted o Geomorpl	ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1) nic Position (D2)
Field Observations: Surface Water Present? Yes No Depth (inches): Water Table Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Saturation Present? Yes No Depth (inches): Depth (inches): Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available: Remarks:	Remarks: no hydric soil indicators HYDROLOGY Wetland Hydrology Inc Primary Indicators (any o Surface Water (A1) High Water Table (A Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (B	ne is sufficier 2) 32)	nt)	Sparsely Ve	getated Cond ts (B15) ulfide Odor (Water Table	Cave Surface C1) (C2)		Water Sta Drainage Oxidized I Presence Salt Depo Stunted o Geomorpl Shallow A	ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1) nic Position (D2) quitard (D3)
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Water Table Present? Yes No Depth (inches): Saturation Present? (includes capillary fringe) Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available: Remarks:	AYDROLOGY Wetland Hydrology Inc Primary Indicators (any of the second of	ne is sufficier 2) 32) 43)	nt)	Sparsely Ve	getated Cond ts (B15) ulfide Odor (Water Table	Cave Surface C1) (C2)		Water Sta Drainage Oxidized I Presence Salt Depo Stunted o Geomorpl Shallow A	ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1) nic Position (D2) quitard (D3) graphic Relief (D4)
Saturation Present? (includes capillary fringe) Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available: Remarks:	Remarks: no hydric soil indicators HYDROLOGY Wetland Hydrology Inc Primary Indicators (any o Surface Water (A1) High Water Table (A Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (B Iron Deposits (B5) Surface Soil Cracks (Field Observations:	ne is sufficien 2) 32) 44) 36)		Sparsely Ve	getated Conc ts (B15) ulfide Odor (Water Table ain in Remark	Cave Surface C1) (C2)		Water Sta Drainage Oxidized I Presence Salt Depo Stunted o Geomorpl Shallow A	ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1) nic Position (D2) quitard (D3) graphic Relief (D4)
(includes capillary fringe) Yes No Depth (inches): Describe Recorded Data (stream gauge, monitor well, aerial photos, previous inspection) if available: Remarks:	Remarks: no hydric soil indicators HYDROLOGY Wetland Hydrology Inc Primary Indicators (any o Surface Water (A1) High Water Table (A Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (B Iron Deposits (B5) Surface Soil Cracks (Field Observations: Surface Water Present?	e is sufficient 2) 32) 4) Yes	○ No ③	Sparsely Ve	getated Conc ts (B15) ulfide Odor (Water Table ain in Remark	Cave Surface C1) (C2)	ce (B8)	Water Sta Drainage Oxidized I Presence Salt Depo Stunted o Geomorpl Shallow A Microtopo	ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1) nic Position (D2) quitard (D3) graphic Relief (D4) al Test (D5)
Remarks:	Remarks: no hydric soil indicators HYDROLOGY Wetland Hydrology Inc Primary Indicators (any o Surface Water (A1) High Water Table (A Saturation (A3) Water Marks (B1) Sediment Deposits (B3) Algal Mat or Crust (B Iron Deposits (B5) Surface Soil Cracks (Field Observations: Surface Water Present?	e is sufficient 2) 4) Yes Yes	No ●No ●No ●	Sparsely Ve	getated Conc ts (B15) ulfide Odor (Water Table ain in Remark	Cave Surface C1) (C2)	ce (B8)	Water Sta Drainage Oxidized I Presence Salt Depo Stunted o Geomorpl Shallow A Microtopo	ined Leaves (B9) Patterns (B10) Rhizospheres along Living Roots (C3) of Reduced Iron (C4) sits (C5) r Stressed Plants (D1) nic Position (D2) quitard (D3) graphic Relief (D4) al Test (D5)
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