



TETRA TECH

UNDER ICE BED PHOTO SAMPLING

SUSITNA-WATANA  
HYDROLOGIC PROJECT

Date & Time: 4-2-14

Crew: BT, MP

Sheet 1 of 2

Location: PRM 253.7

Weather: Clear / Sunny

Camera: TT #2, GoPro #2

GPS Unit: PDX

Comments: Large angular rocks on bed. Very little current.  
Photos: #392 Center Chan. → RB #393 Centerline holes → DS #395  
R Side Channel → LB #396-398 Aerial Views

Sample #	GPS Point #	Snow Depth (ft)	Ice Thickness (ft)	Top of Ice to Bed Distance (ft)	Flow Depth (F - E) (ft)	Frazil Ice Present?	Anchor Ice Present?	Freeboard Height (ft)	Camera Height above Bed (ft)	Video #	Comments / Bed Description
(A)	(B)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)	(M)
1	S1	6"	1.7	49"		Y	N	.1	2/3	87/92	92@3'
2	S2	4"	1.6	56"		Y	N	0	2/3	89/93	93@3'
3	S3	4"	1.4	50"		Y	N	.1	2	96	
4	S4	4"	2.1	57"		Y	N	.1	2	97	
5	S5	14"	3.5	47"		Y	N	.2	2	98	Bed, insipient depth
6	S6	12"	2.5	50"		Y	N	.2	2	99	
7	S7	10"	1.8	51"		Y	N	.1	2	100	
8	S8	7"	1.8	55"		Y	N	0	2	101	
9	S9	7"	1.8	54"		Y	N	0	2	102	
10	S10	6"	2.2	60"		Y	N	.1	2	103	
11	S11	4"	2.1	55"		Y	N	.1	2	104	
12	S12	4"	2.0	57"		Y	N	.2	2	105	
13	S13	4"	1.9	50"		Y	N	.1	2	106	
14	S14	4"	2.0	54"		Y	N	.1	2	107	
15	S15	6"	2.0	53"		Y	N	.2	2	108	
16	S16	8"	1.9	53"		Y	N	.1	2	109	

Photo Back up # 0402

Date: 4-2-14  
PRM: 253.7

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QC

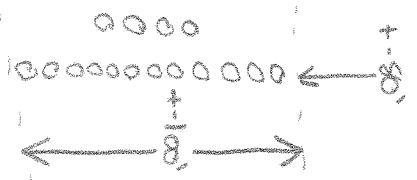
Photo 0403

Veg bank, gentle slope. All overgrown

3'-12" Total snow coverage

Apparent channel

Dry test hole  
4' Ice to  
ground



+ - 600'

Veg bank, gentle slope. All overgrown

← Direction of flow