



TETRA TECH

UNDER ICE BED PHOTO SAMPLING

SUSITNA-WATANA  
HYDROELECTRIC PROJECT

Date & Time: 3-19-2014 0949-13:00

Crew: BUK, BT, MP

Sheet 1 of 1

Location: PRM 1641 MC M

Weather: clear

Camera: TT-SMG-GOPRO-X2

GPS Unit: DEX

Comments: Video 15 taken along true right edge MC not enough flowing water  
panic #1 - a bit of BART looking Lt across. 518 - looking up stream 519 looking Dust

(A) Sample #	(B) GPS Point #	(D) Snow Depth (ft)	(E) Ice Thickness (ft)	(F) Top of Ice to Bed Distance (ft)	(G) Flow Depth (F - E) (ft)	(H) Frazil Ice Present?	(I) Anchor Ice Present?	(J) Freeboard Height (ft)	(K) Camera Height above Bed (ft)	(L) Video #	(M) Comments / Bed Description
1	1	0.4	2.4	75.67"	6.92"	Y	N	0.2	3	3	
2	2	0.4	3.8	79"	2.8	Y	N	0	3	4	
3	3	0.4	2.1	71"	3.3	Y	N	0	3	5	
4	4	0.4	2.7	71"	3.2	Y	N	0	3	6	
5	5	0.3	3.3	83"	3.6	Y	N	0.3	3	7, 8	7 No lasers 9 Lasers 8 Lasers
6	6	0.3	3.6	78"	2.9	Y	N	0.2	3	10, 11	10 Possible ice chunk 11 Redo
7	7	0.4	4.0	78"	2.5	Y	N	0.2	3	12, 13	
8	8	0.6	3.4	76"	2.9	N	N	0	3	14	
9	9	0.4	2.6	79"	4.0	Y	N	0	3	16	
10	10	0.4	3.3	82"	3.5	Y	N	0.2	3	17	
11	11	0.5	2.9	78.5"	3.6	Y	N	0	3	18	

OC: BUK

Photo Back up # 1641 MC M # 314

Aerial Photo Kilyria Cam

239 240 241  
242, 243, 244