PROJECT 67R6 JULY 1967

AJ CROSS SECT.NO.1 TSOLUM RIVER POSITION OF START STN.FOR REF.ONLY

	DISTANCE	BEARING	DISTANCE		NOT BALANCED LATITUDE	UNADJUSTED DEPARTURE	ELEVATION	REMARKS
				STA 10	300.00	300.00	222.9	
				STA 1	300.00	299.90	223.0	
SIDE OBS FROM STA	1	WEST	0.15	STA 101	300.00	299.75	223.0	BEG.OF XS RB
SIDE OBS FROM STA	1	WEST	8.00	STA 102	300.00	291.90	223.2	TOP OF BANK
SIDE OBS FROM STA	1	WEST	14.00	STA 103	300.00	285.90	216.1	BTM OF BANK
SIDE OBS FROM STA	1	WEST	22.00	STA 104	300.00	277.90	212.8	BTM OF SLOPE
SIDE OBS FROM STA	1	WEST	34.00	STA 105	300.00	265.90	211.5	BTM OF SLOPE
SIDE OBS FROM STA	1	WEST	44.00	STA 106	300.00	255.90	212.5	
SIDE OBS FROM STA	1	WEST	55.00	STA 107	300.00	244.90	212.7	
SIDE OBS FROM STA	1	WEST	84.00	STA 108	300.00	215.90	210.8	EDGE OF BACKWATER
SIDE OBS FROM STA	1	WEST	102.00	STA 109	300.00	197.90	209.1	CENTRE OF BACKWATER
SIDE OBS FROM STA	1	WEST	124.00	STA 110	300.00	175.90	212.8	EDGE OF BACKWATER
SIDE OBS FROM STA	1	WEST	132.00	STA 111	300.00	167.90	212.2	AACROSS BAR
SIDE OBS FROM STA	1	WEST	151.00	STA 112	300.00	148.90	213.2	ACROSS BAR AND END
SIDE OBS FROM STA	1	WEST	164.00	STA 113	300.00	135.90	212.3	
SIDE OBS FROM STA	1	WEST	183.00	STA 114	300.00	116.90	211.7	
SIDE OBS FROM STA	1	WEST	195.00	STA 115	300.00	104.90	211.0	WL
SIDE OBS FROM STA	1	WEST	217.00	STA 116	300.00	82.90	210.0	CENTRE OF STREAM
SIDE OBS FROM STA	1	WEST	223.00	STA 117	300.00	76.90	209.9	BTM OF BANK
SIDE OBS FROM STA	1	WEST	224.00	STA 118	300.00	75.90	211.0	WL
SIDE OBS FROM STA	1	WEST	226.00	STA 119	300.00	73.90	215.4	TOP OF BANK
SIDE OBS FROM STA	1	WEST	250.00	STA 120	300.00	49.90	216.4	
SIDE OBS FROM STA	1	WEST	257.00	STA 121	300.00	42.90	214.8	
SIDE OBS FROM STA	1	WEST	262.00	STA 122	300.00	37.90	215.2	
SIDE OBS FROM STA	1	WEST	270.00	STA 123	300.00	29.90	219.4	
SIDE OBS FROM STA	1	WEST	279.00	STA 124	300.00	20.90	221.6	
SIDE OBS FROM STA	1	WEST	300.00	STA 125	300.00	0.10-	220.9	END OF XS LB

NOTE:

This information is considered historical as it represents channel conditions and configuration at the time of the survey only. User must accept responsibility of ensuring that the accuracy and completeness of provided data is suitable for the needs of the project or study. It is provided "as is" without warranty of any kind, whether express or implied. Under no circumstances will the Government of British Columbia be liable to any person or business entity for any direct, indirect, special, incidental, consequential, or other damages based on any use of this information.

PROJECT 67R6 JULY 1967

AN CROSS SECT.NO.2 TSOLUM RIVER POSITION OF START.STN.FOR REF.ONLY

	DISTANCE	BEARING	DISTANCE		NOT LATITUDE	BALANCED DEPARTURE	ELEVATION	REMARKS
				STA 20	300.00	300.00		
				STA 2	300.00	299.90		
SIDE OBS FROM STA	2	WEST	0.15	STA 101	300.00	299.75	197.0	TOP OF BANK BEG OF XS
SIDE OBS FROM STA	2	WEST	2.00	STA 102	300.00	297.90	194.8	TOF OF BANK RB
SIDE OBS FROM STA	2	WEST	19.00	STA 103	300.00	280.90	192.5	END OF SAND
SIDE OBS FROM STA	2	WEST	29.00	STA 104	300.00	270.90	190.4	TOP OF 1 BANK
SIDE OBS FROM STA	2	WEST	46.00	STA 105	300.00	253.90	187.4	SAND
SIDE OBS FROM STA	2	WEST	51.00	STA 106	300.00	248.90	186.8	ROCKY
SIDE OBS FROM STA	2	WEST	60.00	STA 107	300.00	239.90	186.3	ROCKY
SIDE OBS FROM STA	2	WEST	67.00	STA 108	300.00	232.90	187.0	ROCKY
SIDE OBS FROM STA	2	WEST	74.00	STA 109	300.00	225.90	187.3	ROCKY
SIDE OBS FROM STA	2	WEST	92.00	STA 110	300.00	207.90	188.3	WL EDGE OF CREEK
SIDE OBS FROM STA	2	WEST	103.00	STA 111	300.00	196.90	191.6	ON SLOPE
SIDE OBS FROM STA	2	WEST	107.00	STA 112	300.00	192.90	193.5	BTM OF BANK
SIDE OBS FROM STA	2	WEST	108.00	STA 113	300.00	191.90	198.5	TOP OF BANK
SIDE OBS FROM STA	2	WEST	115.00	STA 114	300.00	184.90	200.5	
SIDE OBS FROM STA	2	WEST	139.00	STA 115	300.00	160.90	200.5	END OF XS LB

XS NO.2 110 FT DOWNSTREAM OF BRIDGE

PROJECT 67R6 JULY 1967

AM CROSS SECT.NO.3 TSOLUM RIVER POSITION OF START STN.FOR REF.ONLY

	DISTANCE	BEARING	DISTANCE		NOT LATITUDE	BALANCED DEPARTURE	UNADJUSTED ELEVATION	REMARKS
				STA 33	300.00	300.00	198.2	
				STA 3	300.10	300.00	198.3	
SIDE OBS FROM STA	3	NORTH	0.15	STA 101	300.25	300.00	198.3	EDGE OF RD AND BEG.OF
SIDE OBS FROM STA	3	NORTH	12.00	STA 102	312.10	300.00	197.3	
SIDE OBS FROM STA	3	NORTH	22.00	STA 103	322.10	300.00	195.1	
SIDE OBS FROM STA	3	NORTH	30.00	STA 104	330.10	300.00	190.3	TOP OF LOWER BANK
SIDE OBS FROM STA	3	NORTH	34.00	STA 105	334.10	300.00	185.6	BTM OF BANK
SIDE OBS FROM STA	3	NORTH	40.00	STA 106	340.10	300.00	184.4	WL EDGE OF CREEK
SIDE OBS FROM STA	3	NORTH	54.00	STA 107	354.10	300.00	183.8	
SIDE OBS FROM STA	3	NORTH	59.00	STA 108	359.10	300.00	183.4	
SIDE OBS FROM STA	3	NORTH	63.00	STA 109	363.10	300.00	183.0	
SIDE OBS FROM STA	3	NORTH	66.00	STA 110	366.10	300.00	182.6	
SIDE OBS FROM STA	3	NORTH	67.00	STA 111	367.10	300.00	184.4	TOP OF ROCK
SIDE OBS FROM STA	3	NORTH	73.00	STA 112	373.10	300.00	183.7	ROCK ENDS
SIDE OBS FROM STA	3	NORTH	74.00	STA 113	374.10	300.00	182.7	
SIDE OBS FROM STA	3	NORTH	84.00	STA 114	384.10	300.00	182.7	
SIDE OBS FROM STA	3	NORTH	97.00	STA 115	397.10	300.00	184.4	WL
SIDE OBS FROM STA	3	NORTH	104.00	STA 116	404.10	300.00	186.4	TOP OF GRAVEL BANK
SIDE OBS FROM STA	3	NORTH	109.00	STA 117	409.10	300.00	186.3	TOE OF SLOPE
SIDE OBS FROM STA	3	NORTH	122.00	STA 118	422.10	300.00	188.3	END OF SAND
SIDE OBS FROM STA	3	NORTH	128.00	STA 119	428.10	300.00	191.2	TOP OF BANK
SIDE OBS FROM STA	3	NORTH	145.00	STA 120	445.10	300.00	191.2	
SIDE OBS FROM STA	3	NORTH	159.00	STA 121	459.10	300.00	193.0	
SIDE OBS FROM STA	3	NORTH	200.00	STA 122	500.10	300.00	197.7	EDGE OF ROAD ENDOFXSLB

PROJECT 67R6 JULY 1967

AL CROSS SECT.NO.4 TSOLUM RIVER POSITION OF START STN.FOR REF.ONLY

	DISTANCE	BEARING	DISTANCE		NOT LATITUDE	BALANCED DEPARTURE	UNADJUSTED ELEVATION	REMARKS
				STA 14	300.00	300.00	169.7	
				STA 4	300.00	299.90	169.8	
SIDE OBS FROM STA	4	WEST	0.15	STA 101	300.00	299.75	169.8	BEG.OF XS RB
SIDE OBS FROM STA	4	WEST	17.00	STA 102	300.00	282.90	170.2	TOP OF BANK
SIDE OBS FROM STA	4	WEST	30.00	STA 103	300.00	269.90	166.2	BTM FO BANK
SIDE OBS FROM STA	4	WEST	40.00	STA 104	300.00	259.90	166.4	
SIDE OBS FROM STA	4	WEST	56.00	STA 105	300.00	243.90	165.5	WL EDGE OF CREEK
SIDE OBS FROM STA	4	WEST	67.00	STA 106	300.00	232.90	165.0	
SIDE OBS FROM STA	4	WEST	77.00	STA 107	300.00	222.90	164.6	
SIDE OBS FROM STA	4	WEST	83.00	STA 108	300.00	216.90	163.8	
SIDE OBS FROM STA	4	WEST	91.00	STA 109	300.00	208.90	164.3	
SIDE OBS FROM STA	4	WEST	97.00	STA 110	300.00	202.90	164.4	
SIDE OBS FROM STA	4	WEST	105.00	STA 111	300.00	194.90	164.4	
SIDE OBS FROM STA	4	WEST	112.00	STA 112	300.00	187.90	164.4	
SIDE OBS FROM STA	4	WEST	119.00	STA 113	300.00	180.90	164.5	
SIDE OBS FROM STA	4	WEST	125.00	STA 114	300.00	174.90	165.6	WL EDGE OF CREEK
SIDE OBS FROM STA	4	WEST	132.00	STA 115	300.00	167.90	167.6	BTM OF 1BANK
SIDE OBS FROM STA	4	WEST	140.00	STA 116	300.00	159.90	172.6	TOP OF 1BANK ENDOFXSLB

169.5
163.8

PROJECT 67R6 JULY 1967

AE CROSS SECT.NO.5 TSOLUM RIVER POSITION OF START.STN.FOR REF.ONLY

	DISTANCE	BEARING	DISTANCE		NOT BALANCED LATITUDE	DEPARTURE	UNADJUSTED ELEVATION	REMARKS
				STA 25	300.00	300.00	185.6	
				STA 5	300.00	299.90	185.7	INST.SET UP
SIDE OBS FROM STA 5		EAST	0.99	STA 101	300.00	300.89	184.0	4 FT FROM TOP OF RB
SIDE OBS FROM STA 5		S87 20 00E	49.96	STA 102	297.68	349.81	154.2	AND BEGINNING OFXS
SIDE OBS FROM STA 5		S88 28 00E	62.03	STA 103	298.34	361.91	154.1	
SIDE OBS FROM STA 5		S89 43 00E	77.66	STA 104	299.62	377.56	154.8	
SIDE OBS FROM STA 5		S88 56 00E	88.13	STA 105	298.36	388.01	152.4	
SIDE OBS FROM STA 5		S84 09 00E	95.57	STA 106	290.26	394.97	153.9	
SIDE OBS FROM STA 5		S85 00 00E	130.68	STA 107	288.61	430.08	150.0	
SIDE OBS FROM STA 5		S86 10 00E	147.77	STA 108	290.12	447.34	150.9	
SIDE OBS FROM STA 5		S87 04 00E	157.63	STA 109	291.93	457.32	152.5	
SIDE OBS FROM STA 5		S87 45 00E	175.07	STA 110	293.13	474.84	152.5	
SIDE OBS FROM STA 5		S87 11 00E	191.01	STA 111	290.61	490.68	151.1	WL
SIDE OBS FROM STA 5		N87 01 00E	196.62	STA 112	310.23	496.25	145.3	WL
SIDE OBS FROM STA 5		N88 00 00E	199.48	STA 113	306.96	499.26	142.1	WATER 3.2 FT
SIDE OBS FROM STA 5		N89 12 00E	230.22	STA 114	303.21	530.10	143.2	WATER 2.3 FT
SIDE OBS FROM STA 5		N88 09 00E	235.34	STA 115	307.60	535.12	142.2	WATER 3.2 FT
SIDE OBS FROM STA 5		N87 54 00E	242.11	STA 116	308.87	541.85	145.3	WL
SIDE OBS FROM STA 5		N87 32 00E	245.28	STA 117	310.56	544.95	149.5	
SIDE OBS FROM STA 5		N87 29 00E	256.88	STA 118	311.28	556.53	151.4	
SIDE OBS FROM STA 5		N87 25 00E	265.39	STA 119	311.96	565.02	152.4	
SIDE OBS FROM STA 5		N87 13 00E	271.09	STA 120	313.16	570.67	156.0	
SIDE OBS FROM STA 5		N87 23 00E	291.49	STA 121	313.31	591.09	157.7	
SIDE OBS FROM STA 5		N86 18 00E	329.45	STA 122	321.26	628.66	157.1	
SIDE OBS FROM STA 5		N88 09 00E	369.99	STA 123	311.94	669.70	182.7	TOP OF LB AND END OFXS
SIDE OBS FROM STA 5		EAST	3.99	STA 124	300.00	303.89	184.0	TOP OF RB

ELEV.AS LISTED FOR TRAV.25 AND 5 ARE REF.ELEV.ONLY

PROJECT 67R6 JULY 1967

AK CROSS SECT.NO.6 TSOLUM RIVER POSITION OF START STN.FOR REF.ONLY

	DISTANCE	BEARING	DISTANCE		NOT BALANCED LATITUDE	DEPARTURE	UNADJUSTED ELEVATION	REMARKS
				STA 16	300.00	300.00	164.6	
				STA 6	300.00	299.90	164.7	
SIDE OBS FROM STA	6	WEST	0.15	STA 101	300.00	299.75	164.7	BEG.OF XS RB
SIDE OBS FROM STA	6	WEST	3.00	STA 102	300.00	296.90	164.4	TOP OF BANK
SIDE OBS FROM STA	6	WEST	9.00	STA 103	300.00	290.90	161.0	BTM OF BANK
SIDE OBS FROM STA	6	WEST	11.00	STA 104	300.00	288.90	160.6	EDGE WL
SIDE OBS FROM STA	6	WEST	27.00	STA 105	300.00	272.90	160.1	
SIDE OBS FROM STA	6	WEST	43.00	STA 106	300.00	256.90	159.9	
SIDE OBS FROM STA	6	WEST	53.00	STA 107	300.00	246.90	159.6	
SIDE OBS FROM STA	6	WEST	63.00	STA 108	300.00	236.90	159.7	
SIDE OBS FROM STA	6	WEST	73.00	STA 109	300.00	226.90	159.6	
SIDE OBS FROM STA	6	WEST	82.00	STA 110	300.00	217.90	159.4	
SIDE OBS FROM STA	6	WEST	90.00	STA 111	300.00	209.90	158.8	
SIDE OBS FROM STA	6	WEST	100.00	STA 112	300.00	199.90	159.1	
SIDE OBS FROM STA	6	WEST	109.00	STA 113	300.00	190.90	160.0	
SIDE OBS FROM STA	6	WEST	119.00	STA 114	300.00	180.90	160.7	WL EDGE
SIDE OBS FROM STA	6	WEST	128.00	STA 115	300.00	171.90	161.3	
SIDE OBS FROM STA	6	WEST	137.00	STA 116	300.00	162.90	162.9	BTM OF BANK
SIDE OBS FROM STA	6	WEST	140.00	STA 117	300.00	159.90	169.8	TOP OF BANK ENDOFXS LB
		VERTICAL CLAY BANK 17 FT HIGH						

169.8
158.8

PROJECT 67R6 JULY 1967

AC CROSS SECT.NO.8 TSOLUM RIVER POSITION OF START.STN.FOR REF.ONLY

	DISTANCE	BEARING	DISTANCE		NOT LATITUDE	BALANCED DEPARTURE	UNADJUSTED ELEVATION	REMARKS
				STA 28	300.00	300.00	42.9	
				STA 8	300.00	299.90	43.0	INST.SET UP
SIDE OBS FROM STA	8	EAST	0.99	STA 101	300.00	300.89	41.8	BEGINNING OF XS RB
SIDE OBS FROM STA	8	N84 46 00E	13.99	STA 102	301.28	313.83	36.0	
SIDE OBS FROM STA	8	N86 23 00E	22.95	STA 103	301.45	322.80	35.0	
SIDE OBS FROM STA	8	N86 08 00E	29.81	STA 104	302.01	329.64	33.6	
SIDE OBS FROM STA	8	N88 57 00E	40.77	STA 105	300.75	340.66	22.9	
SIDE OBS FROM STA	8	S89 29 00E	43.63	STA 106	299.61	343.53	22.2	WL RB
SIDE OBS FROM STA	8	S89 20 00E	51.82	STA 107	299.40	351.72	21.3	.8 WATER
SIDE OBS FROM STA	8	N89 07 00E	62.43	STA 108	300.96	362.32	21.1	1.0 WATER
SIDE OBS FROM STA	8	S89 40 00E	74.01	STA 109	299.57	373.91	21.1	.95WATER
SIDE OBS FROM STA	8	N89 07 00E	90.56	STA 110	301.40	390.45	21.2	.95WATER
SIDE OBS FROM STA	8	S89 12 00E	108.27	STA 111	298.49	408.16	21.8	
SIDE OBS FROM STA	8	EAST	121.39	STA 112	300.00	421.29	22.1	WL LB
SIDE OBS FROM STA	8	EAST	126.57	STA 113	300.00	426.47	22.5	
SIDE OBS FROM STA	8	N89 32 00E	137.29	STA 114	301.12	437.19	29.2	TOP OF BANK
SIDE OBS FROM STA	8	N89 23 00E	142.36	STA 115	301.53	442.25	27.5	
SIDE OBS FROM STA	8	N89 03 00E	147.33	STA 116	302.44	447.21	29.1	
SIDE OBS FROM STA	8	N85 39 00E	170.61	STA 117	312.94	470.02	31.9	
SIDE OBS FROM STA	8	N85 40 00E	199.63	STA 118	315.08	498.96	31.5	END OF XS LB

ELEV.AS LISTED FOR TRAV.28 AND 8 ARE REF.ELEV.ONLY

PROJECT 67R6 JULY 1967

AA CROSS SECT NO 9 TSOLUM RIVER POSITION OF START.STN.FOR REF.ONLY

	DISTANCE	BEARING	DISTANCE		NOT BALANCED LATITUDE	BALANCED DEPARTURE	UNADJUSTED ELEVATION	REMARKS
				STA 29	300.00	300.00	39.2	
				STA 9	300.00	300.10	39.3	INST.SET UP
SIDE OBS FROM STA	9	WEST	5.99	STA 101	300.00	294.11	32.2	BEG.OF XS RB
SIDE OBS FROM STA	9	WEST	11.92	STA 102	300.00	288.18	27.7	
SIDE OBS FROM STA	9	WEST	14.12	STA 103	300.00	285.98	27.8	
SIDE OBS FROM STA	9	WEST	17.54	STA 104	300.00	282.56	24.7	
SIDE OBS FROM STA	9	WEST	23.87	STA 105	300.00	276.23	24.2	
SIDE OBS FROM STA	9	WEST	26.25	STA 106	300.00	273.85	21.4	WL RB
SIDE OBS FROM STA	9	WEST	30.26	STA 107	300.00	269.84	16.6	DEPTH 4.8 FT
SIDE OBS FROM STA	9	WEST	33.76	STA 108	300.00	266.34	15.3	DEPTH 6.1 FT
SIDE OBS FROM STA	9	WEST	65.78	STA 109	300.00	234.32	16.5	DEPTH 5.0 FT
SIDE OBS FROM STA	9	WEST	70.50	STA 110	300.00	229.60	18.0	WATER IS 3.57 DEEP
SIDE OBS FROM STA	9	WEST	78.78	STA 111	300.00	221.32	21.5	WL LB
SIDE OBS FROM STA	9	WEST	110.40	STA 112	300.00	189.70	24.2	
SIDE OBS FROM STA	9	WEST	130.64	STA 113	300.00	169.46	25.5	
SIDE OBS FROM STA	9	WEST	159.79	STA 114	300.00	140.31	26.5	
SIDE OBS FROM STA	9	WEST	172.90	STA 115	300.00	127.20	28.2	
SIDE OBS FROM STA	9	WEST	220.90	STA 116	300.00	79.20	27.7	
SIDE OBS FROM STA	9	WEST	234.81	STA 117	300.00	65.29	30.7	
SIDE OBS FROM STA	9	WEST	249.79	STA 118	300.00	50.31	30.2	END OF XS LB
SIDE OBS FROM STA	9	WEST	0.99	STA 119	300.00	299.11	37.7	3 FT FROM EDGE OF BANK
SIDE OBS FROM STA	9	WEST	3.99	STA 120	300.00	296.11	37.7	TOP OF RB

ELEV.AS LISTED FOR TRAV.29 AND 9 ARE REF.ELEV.ONLY

PROJECT 67R6 JULY 1967

AB CROSS SECT.NO.10 TSOLUM RIVER POSITION OF START.STN.FOR REF.ONLY

	DISTANCE	BEARING	DISTANCE		NOT BALANCED LATITUDE	BALANCED DEPARTURE	UNADJUSTED ELEVATION	REMARKS
				STA 30	300.00	300.00	27.2	
				STA 10	300.00	300.10	27.3	INST.SET UP
SIDE OBS FROM STA	10	WEST	0.99	STA 101	300.00	299.11	25.9	BEGINNING OF XS RB
SIDE OBS FROM STA	10	WEST	9.96	STA 102	300.00	290.14	24.7	TOP RB
SIDE OBS FROM STA	10	WEST	13.99	STA 103	300.00	286.11	20.0	WL
SIDE OBS FROM STA	10	WEST	17.97	STA 104	300.00	282.13	18.6	
SIDE OBS FROM STA	10	WEST	28.99	STA 105	300.00	271.11	20.1	WL RB
SIDE OBS FROM STA	10	WEST	44.99	STA 106	300.00	255.11	22.1	
SIDE OBS FROM STA	10	WEST	72.99	STA 107	300.00	227.11	23.7	
SIDE OBS FROM STA	10	WEST	111.99	STA 108	300.00	188.11	22.9	
SIDE OBS FROM STA	10	WEST	160.99	STA 109	300.00	139.11	21.3	
SIDE OBS FROM STA	10	WEST	179.99	STA 110	300.00	120.11	20.8	
SIDE OBS FROM STA	10	WEST	186.99	STA 111	300.00	113.11	22.1	
SIDE OBS FROM STA	10	WEST	217.99	STA 112	300.00	82.11	22.3	
SIDE OBS FROM STA	10	WEST	259.99	STA 113	300.00	40.11	23.4	
SIDE OBS FROM STA	10	WEST	298.99	STA 114	300.00	1.11	21.5	
SIDE OBS FROM STA	10	WEST	313.98	STA 115	300.00	13.88-	18.8	
SIDE OBS FROM STA	10	WEST	323.96	STA 116	300.00	23.86-	18.1	
SIDE OBS FROM STA	10	WEST	339.95	STA 117	300.00	39.85-	17.5	WL
SIDE OBS FROM STA	10	WEST	349.95	STA 118	300.00	49.85-	17.3	WATER 1.4FT
SIDE OBS FROM STA	10	WEST	354.98	STA 119	300.00	54.88-	18.8	WL
SIDE OBS FROM STA	10	WEST	364.97	STA 120	300.00	64.87-	18.2	BTM BANK
SIDE OBS FROM STA	10	WEST	373.99	STA 121	300.00	73.89-	25.5	TOP LB
SIDE OBS FROM STA	10	WEST	392.99	STA 122	300.00	92.89-	27.2	
SIDE OBS FROM STA	10	WEST	442.99	STA 123	300.00	142.89-	28.6	END OF XS LB

ELEV.AS LISTED FOR TRAV.30 AND 10 ARE REF.ELEV ONLY

PROJECT 67R6 JULY 1967

AD CROSS SECT.NO.12 TSOLUM RIVER POSITION OF START.STA.FOR REF.ONLY

	DISTANCE	BEARING	DISTANCE		NOT BALANCED LATITUDE	UNADJUSTED DEPARTURE	ELEVATION	REMARKS
				STA 32	300.00	300.00	29.5	
				STA 12	300.00	299.90	29.6	INST.SET UP
SIDE OBS FROM STA 12		EAST	0.99	STA 101	300.00	300.89	28.0	5 FT FROM TOP OF RB
SIDE OBS FROM STA 12		S88 56 00E	26.55	STA 102	299.51	326.45	15.4	BOT.OF BANK
SIDE OBS FROM STA 12		S87 56 00E	36.66	STA 103	298.68	336.54	13.3	STA 101BEGINNING OF XS
SIDE OBS FROM STA 12		S86 43 00E	41.75	STA 104	297.61	341.58	15.4	
SIDE OBS FROM STA 12		S87 10 00E	49.48	STA 105	297.55	349.32	17.6	
SIDE OBS FROM STA 12		S85 50 00E	54.99	STA 106	296.00	354.74	15.1	
SIDE OBS FROM STA 12		N87 39 00E	82.16	STA 107	303.37	381.99	14.3	
SIDE OBS FROM STA 12		N87 00 00E	83.45	STA 108	304.37	383.24	11.2	WL RB
SIDE OBS FROM STA 12		N86 19 00E	86.00	STA 109	305.52	385.72	9.5	1.7 WATER
SIDE OBS FROM STA 12		N88 30 00E	97.99	STA 110	302.57	397.86	8.6	2.5 WATER
SIDE OBS FROM STA 12		EAST	105.22	STA 111	300.00	405.12	8.9	
SIDE OBS FROM STA 12		S88 50 00E	124.83	STA 112	297.46	424.70	10.5	
SIDE OBS FROM STA 12		N88 30 00E	148.05	STA 113	303.88	447.90	10.8	.34 WATER
SIDE OBS FROM STA 12		N88 52 00E	166.19	STA 114	303.29	466.06	11.0	WL (EDGE OF RIFFLE)
SIDE OBS FROM STA 12		N89 18 00E	177.21	STA 115	302.16	477.10	10.8	
SIDE OBS FROM STA 12		N89 10 00E	187.76	STA 116	302.73	487.64	15.9	
SIDE OBS FROM STA 12		N89 50 00E	199.78	STA 117	300.58	499.68	16.0	
SIDE OBS FROM STA 12		N89 50 00E	217.67	STA 118	300.63	517.57	14.2	
SIDE OBS FROM STA 12		N89 45 00E	242.84	STA 119	301.06	542.74	16.5	END OF XS LB
SIDE OBS FROM STA 12		EAST	4.99	STA 120	300.00	304.89	28.0	TOP OF RB

ELEV.AS LISTED FOR TRAV.32 AND 12 ARE REF.ELEV.ONLY

AF CROSS SECT.NO.13 TSOLUM RIVER POSITION OF START STN.FOR REF.ONLY

	DISTANCE	BEARING	DISTANCE		NOT LATITUDE	BALANCED DEPARTURE	UNADJUSTED ELEVATION	REMARKS
				STA 33	300.00	300.00	11.6	
				STA 13	300.00	299.90	11.7	BEG.OF XS RB SAND
SIDE OBS FROM STA	13	WEST	0.15	STA 101	300.00	299.75	11.7	TOP OF RB /SAND
SIDE OBS FROM STA	13	WEST	15.00	STA 102	300.00	284.90	8.6	SAND
SIDE OBS FROM STA	13	WEST	26.00	STA 103	300.00	273.90	5.4	BOT OF BANK
SIDE OBS FROM STA	13	WEST	50.00	STA 104	300.00	249.90	4.1	WL RB
SIDE OBS FROM STA	13	WEST	67.00	STA 105	300.00	232.90	2.3	DEPTH 1.7 FT
SIDE OBS FROM STA	13	WEST	83.00	STA 106	300.00	216.90	1.4	DEPTH 2.6 FT
SIDE OBS FROM STA	13	WEST	95.00	STA 107	300.00	204.90	1.0	DEPTH 3.0 FT
SIDE OBS FROM STA	13	WEST	104.00	STA 108	300.00	195.90	0.2	DEPTH 3.8 FT
SIDE OBS FROM STA	13	WEST	110.00	STA 109	300.00	189.90	0.0	DEPTH 4.1 FT
SIDE OBS FROM STA	13	WEST	117.00	STA 110	300.00	182.90	0.2	DEPTH 3.8 FT
SIDE OBS FROM STA	13	WEST	119.00	STA 111	300.00	180.90	0.1	DEPTH 3.9 FT
SIDE OBS FROM STA	13	WEST	130.00	STA 112	300.00	169.90	4.1	WL
SIDE OBS FROM STA	13	WEST	135.00	STA 113	300.00	164.90	5.8	BTM CLIFF
SIDE OBS FROM STA	13	WEST	137.00	STA 114	300.00	162.90	14.7	TOP OF CLIFF LB AND END OF XS LB

ELEV AS LISTED FOR TRAV 33 AND 13 ARE REF.ELEV ONLY

AF 18 ER11

CHAINAGE BETW.SALIENT PTS.OF CROSS SECT.NO.13

JOIN	STA 101	WEST	14.85	STA 102
JOIN	STA 102	WEST	11.00	STA 103
JOIN	STA 103	WEST	24.00	STA 104
JOIN	STA 104	WEST	17.00	STA 105
JOIN	STA 105	WEST	16.00	STA 106
JOIN	STA 106	WEST	12.00	STA 107
JOIN	STA 107	WEST	9.00	STA 108
JOIN	STA 108	WEST	6.00	STA 109
JOIN	STA 109	WEST	7.00	STA 110
JOIN	STA 110	WEST	2.00	STA 111
JOIN	STA 111	WEST	11.00	STA 112
JOIN	STA 112	WEST	5.00	STA 113
JOIN	STA 113	WEST	2.00	STA 114

PROJECT 67R6 JULY 1967

AG CROSS SECT.NO.14 TSOLUM RIVER POSITION OF START.STN.FOR REF.ONLY

	DISTANCE	BEARING	DISTANCE		NOT BALANCED LATITUDE	BALANCED DEPARTURE	UNADJUSTED ELEVATION	REMARKS
				STA 34	300.00	300.00	12.7	
				STA 14	300.00	299.90	12.8	
SIDE OBS FROM STA	14	WEST	0.15	STA 101	300.00	299.75	12.8	BEG.OF XS RB
SIDE OBS FROM STA	14	WEST	17.00	STA 102	300.00	282.90	13.4	TOP OF BANK ERODED
SIDE OBS FROM STA	14	WEST	28.00	STA 103	300.00	271.90	2.9	SAND BANK
SIDE OBS FROM STA	14	WEST	35.00	STA 104	300.00	264.90	3.1	CL BACKWATER
SIDE OBS FROM STA	14	WEST	45.00	STA 105	300.00	254.90	3.9	WL BACK
SIDE OBS FROM STA	14	WEST	57.00	STA 106	300.00	242.90	5.4	
SIDE OBS FROM STA	14	WEST	73.00	STA 107	300.00	226.90	5.4	
SIDE OBS FROM STA	14	WEST	91.00	STA 108	300.00	208.90	4.9	
SIDE OBS FROM STA	14	WEST	108.00	STA 109	300.00	191.90	4.7	
SIDE OBS FROM STA	14	WEST	121.00	STA 110	300.00	178.90	4.0	WL MAIN RB
SIDE OBS FROM STA	14	WEST	129.00	STA 111	300.00	170.90	3.2	
SIDE OBS FROM STA	14	WEST	136.00	STA 112	300.00	163.90	2.7	
SIDE OBS FROM STA	14	WEST	145.00	STA 113	300.00	154.90	3.9	WL LB
SIDE OBS FROM STA	14	WEST	152.00	STA 114	300.00	147.90	4.6	BTM OF BANK ROCK FILL
SIDE OBS FROM STA	14	WEST	166.00	STA 115	300.00	133.90	10.6	TOP OF BANK RIP RAP
SIDE OBS FROM STA	14	WEST	192.00	STA 116	300.00	107.90	11.4	END OF XS LB

BADLY ERODED SAND BANKS EXTENDED 100 YARDS EITHER SIDE OF CROSS SECTION
SIMILAR TO LB ON CROSS SECT.

PROJECT 67R6 JULY 1967

AH CROSS SECT.NO.15 TSOLUM RIVER POSITION OF START.STN.FOR REF.ONLY

	DISTANCE	BEARING	DISTANCE		NOT BALANCED LATITUDE	DEPARTURE	UNADJUSTED ELEVATION	REMARKS
				STA 35	300.00	300.00	11.1	
				STA 15	300.00	299.90	11.2	
SIDE OBS FROM STA	15	WEST	0.15	STA 101	300.00	299.75	11.2	TOP OF BANK/FLATBEYOND
SIDE OBS FROM STA	15	WEST	8.00	STA 102	300.00	291.90	7.8	AND BEG.OF XS RB
SIDE OBS FROM STA	15	WEST	13.00	STA 103	300.00	286.90	3.4	BTM.OF BANK
SIDE OBS FROM STA	15	WEST	17.00	STA 104	300.00	282.90	1.8	WL
SIDE OBS FROM STA	15	WEST	25.00	STA 105	300.00	274.90	1.1	
SIDE OBS FROM STA	15	WEST	35.00	STA 106	300.00	264.90	1.3	
SIDE OBS FROM STA	15	WEST	45.00	STA 107	300.00	254.90	1.3	
SIDE OBS FROM STA	15	WEST	55.00	STA 108	300.00	244.90	0.9	
SIDE OBS FROM STA	15	WEST	65.00	STA 109	300.00	234.90	0.5	
SIDE OBS FROM STA	15	WEST	75.00	STA 110	300.00	224.90	1.1	
SIDE OBS FROM STA	15	WEST	79.00	STA 111	300.00	220.90	1.8	WL
SIDE OBS FROM STA	15	WEST	87.00	STA 112	300.00	212.90	3.0	BTM OF BANK
SIDE OBS FROM STA	15	WEST	95.00	STA 113	300.00	204.90	11.7	
SIDE OBS FROM STA	15	WEST	100.00	STA 114	300.00	199.90	14.6	TOP OF BANK
SIDE OBS FROM STA	15	WEST	113.00	STA 115	300.00	186.90	15.4	SHOULDER OF RD
SIDE OBS FROM STA	15	WEST	130.00	STA 116	300.00	169.90	14.7	CL ROAD AND END OF XS LB