

STADIA SURVEY NOTES

AREA Umiat STATE or PROVINCE Alaska PAGE No. 1
 LINE No.(s) U-7 PARTY No. 1173 DATE 24 Day 2 Mo. 78 Yr. BOOK No. _____
 SURVEYOR R Ippisch RODMAN K Barr WEATHER: Clear +10° P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		AB.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion			Center Hair	INST.			
1											576.3			575.26	
2		880	86	29	00			15.0	-38.6	536.7		Δ	TBM 78020 (SP 15)		
3	✓	273	28	00			15.0					Δ			
4	0	✓					5.0		-5.0	531.7		π	14		
5		880	94	42	10		24.0	H.R.	-9.1	440.6		✓	13		
6		1210	93	47	53		11.0		-9.6	445.1		0	12+330		
7	✓	266	09	17			11.0					0			
8															
9		2090	88	30	29		11.0		-42.6	402.5		Δ			
10	✓	271	26	38			11.0					Δ			
11		1760	89	01	36		11.0		+19.0	421.5			12		
12		880	89	36	36		15.0		-9.0	411.5			11		
13	0	✓					5.0		-5.0	397.5		π	10		
14		880	90	34	32		11.0		-19.8	382.7			9		
15		1760	90	18	35		11.0		-21.2	381.3		0	8		
16	✓	269	38	20			11.0					0			
17															
18		2640	89	06	40		11.0		-29.0	352.3		Δ			
19	✓	270	50	25			11.0					Δ			
20		1760	✓				3.5		-3.5	348.8			7		

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STADIA SURVEY NOTES

AREA Umiat STATE or PROVINCE Alaska PAGE No. 2
 LINE No.(s) U-7 PARTY No. 1123 DATE 24 Day 2 Mo. 78 Yr. BOOK No. _____
 SURVEYOR R. Tippisch RODMAN K Barr WEATHER: Clear +10° P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		AB'S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												352.3				
2		880	✓								-2.9	349.4		6		
3		0	✓								-5.0	347.3	π	5		
4		880	✓								-12.3	340.0		4		
5		1760	✓								-5.1	347.2		3		
6		2640	✓								-5.2	347.1	0	2		
7		✓	✓										0			
8																
9		1760	✓								+6.9	354.0				
10		✓	✓										Δ			
11		880	✓								-8.8	345.2		1		
12		0	✓								-5.0	349.0	π	TS1		
13		880	✓								-12.6	341.4		TS2		
14		1760	✓								-4.3	349.7		TS3		
15		2640	✓								-12.1	341.9		TS4		
16		3520	✓								-11.5	342.5		TS5		
17		4400	89	50	20						-2.2	351.8	0	TS6		
18																
19		2640	89	50	33						+3.6	355.4	Δ			
20		1760	89	43	20						-2.4	353.0		TS7		

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STADIA SURVEY NOTES

AREA Umiat STATE or PROVINCE Alaska PAGE No. 2A
 LINE No.(s) U7 PARTY No. 1173 DATE 24 Day 2 Mo. 78 Yr. BOOK No. _____
 SURVEYOR R Ippisch RODMAN K Barr WEATHER: Clear +10° P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		B.S. I.P.S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												355.4				
2		880	89	29	40			11.0		-3.2		352.2		TS8		
3		0	✓					5.0		-5.0		350.4		TS9		
4		880	88	55	45			11.0		+5.5		360.9	0	TS10		
5																
6		1160	89	49	50			11.0		+5.7		366.6	A			
7		880	89	41	40			11.0		-6.3		360.3		TS11		
8		0	✓					5.0		-5.0		361.6	π	TS12		
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA Umiaut STATE or PROVINCE Alaska PAGE No. 3
 LINE No.(s) U7 PARTY No. 1173 DATE 25 Day 2 Mo. 78 Yr. BOOK No. _____
 SURVEYOR R. Ippisch RODMAN K. Burr WEATHER: Clear +25° P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		▲B.S. OF.S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2		1760	90	07	31			15.0		+19.9	595.6	575.3	Δ	15	(TBM 18020)	
3	✓	269	48	14				15.0					Δ			
4		880	90	16	48			11.0		-15.3		580.3		16		
5	0	✓						5.0		-5.0		590.6	κ	17		
6		880	90	56	00			11.0		-25.3		570.3		18		
7		1760	90	39	17			11.0		-31.0		564.6		19		
8		2640	90	39	58			15.0		-46.7		548.9	0	20		
9	✓	269	17	00				15.0					0			
10																
11		2600	85	38	27			15.0		-181.5	367.8		Δ			
12	✓	274	18	18				15.0					Δ			
13		1870	89	34	40			15.0		-1.1		366.7		20+770		
14		1760	89	51	57			11.0		-6.8		361.0		21		
15		880	89	37	12			11.0		-5.1		362.7		22		
16	0	✓						5.0		-5.0		362.8	κ	23		
17		880	89	17	10			11.0		0.0		363.8		24		
18		1760	89	17	24			11.0		+10.9		378.7		25		
19		2640	88	41	36			11.0		+48.4		416.2	0	26		
20	✓	271	15	55				11.0					0			

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AREA Umiat STATE or PROVINCE Alaska PAGE No. 4
 LINE No.(s) U-7 PARTY No. 1173 DATE 25 Day 2 Mo. 78 Yr. BOOK No. _____
 SURVEYOR R Ippisch RODMAN K Barry WEATHER: Cloudy +25° P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction			Center Hair	INST.		
1														
2		2090	89	51	13			11.0	+6.4	423.2		Δ	26	
3		✓	270	06	04			11.0				Δ		
4		1210	89	58	25			11.0	-10.4	412.8			27	
5		330	88	43	07			11.0	-3.6	419.6			28	
6		0	✓					5.0	-5.0	418.2		π	28+330	
7		550	92	06	30			11.0	-31.2	392.0			29	
8		880	91	31	40			11.0	-34.4	388.8			29+330	
9		1430	89	49	03			11.0	-6.4	416.8			30	
10		2310	88	12	50			11.0	+61.6	484.8			31	
11		3080	87	21	47			11.0		553.0	0		31+770	
12		✓	272	35	45			11.0	+120.8		0			
13														
14		2750	90	21	15			11.0	+29.8	582.3		Δ		
15		✓	269	36	14			11.0				Δ		
16	17	2640	90	17*	52			11.0	-24.6	557.7			32	
17		1760	90	10	43			11.0	-16.4	565.9			33	
18		880	90	03	20			11.0	-11.8	570.5			34	
19		0	✓					5.0	-5.0	577.3	π		35	
20		880	89	51	18			11.0	-8.8	573.5			36	

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AREA Umiat STATE or PROVINCE Alaska PAGE No. 5
 LINE No.(s) U7 PARTY No. 1173 DATE 25 Day 2 Mo. _____ Yr. BOOK No. _____
 SURVEYOR R Ippisch RODMAN K Barr WEATHER: Cloudy +25° P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD		
1												582.3			
2		1760	89	56	33				11.0	-9.2		573.1		37	
3		2640	89	48	05				11.0			579.6	0	38	
4		✓	270	09	15				11.0	-2.9			0		
5															
6		2817	93	05	03				11.0	+163.6		743.2			
7		✓	266	52	02				11.0						
8		1937	93	31	42				11.0	-130.1		613.1		39	
9		1057	93	55	35				11.0	-83.4		659.8		40	
10		177	91	40	53				11.0	-16.2		727.0		41	
11		0	✓						5.0	-6.0		738.2	κ	41+177 (780 21) TBM	
12															
13															
14		0	✓						5.0	+5.0		742.1		41+177	
15		0	✓						5.0						
16		0	✓						5.0	-5.0		738.2	κ	41+177	
17		703	87	58	13				11.0	+13.6		756.7	0	42	
18		✓	271	58	58				11.0				0		
19															
20															

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STADIA SURVEY NOTES

AREA Umiaf STATE or PROVINCE Alaska PAGE No. 6
 LINE No.(s) U7 PARTY No. 1173 DATE 25 Day 2 Mo. 78 Yr. BOOK No. _____
 SURVEYOR R Tippisch RODMAN K Barr WEATHER: cloudy +25° P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD		
1															
2		880	90	12	50				11.0	+14.7	771.3		Δ	42	
3		✓ 269	44	06					11.0				Δ		
4		0	✓						5.0	-5.0	766.3		X	43	
5		550	91	40	00				11.0	-27.3	744.0		0	43+550	
6		✓ 268	16	45					11.0				0		
7		0													
8		1980	87	46	25				11.0	-65.0	678.9		Δ		
9		✓ 272	10	16					11.0				Δ		
10		2121	87	39	25				11.0	+75.8	754.7				INT U7=43+409'
11		2120	87	22	00				10.0	+86.5	765.4			(52-49)	U9=151+771'
12		1650	88	37	22				11.0	+28.7	707.6			44	(76(1+3))
13		770	90	22	38				11.0	-16.1	662.8			45	
14		0	✓						5.0	-5.0	673.9		X	45+770	
15		110	89	40	43				11.0	-10.4	668.5			46	
16		990	88	58	38				11.0	+6.7	685.6			47	
17		1100	89	04	00				11.0	+6.4	685.3		0	47+110	
18		✓ 270	52	55					11.0				0		
19															
20															

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STADIA SURVEY NOTES

AREA Umiat STATE or PROVINCE Alaska PAGE No. 7
 LINE No.(s) U7 PARTY No. 173 DATE 25 Day 2 Mo. 78 Yr. BOOK No. _____
 SURVEYOR R Ippisch RODMAN K Barr WEATHER: cloudy +25° P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		AB.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion			Center Hair	INST.			
1															
2		1760	90	19	54			11.0	+21.9	706.9		Δ	47+110		
3	✓	269	37	08				11.0	-			Δ			
4		990	93	29	35			11.0	-71.3		635.6		418		
5		110	88	43	20			11.0	-8.5		698.4		49		
6	0	✓						5.0	-5.0		701.9	π	49+110		
7		770	92	50	36			11.0	-49.2		657.7		50		
8		1650	90	50	20			11.0	-35.9		671.0	0	51		
9	✓	269	06	25				11.0				0			
10															
11		2090	90	03	43			11.0	+13.9	684.5		Δ			
12	✓	269	53	52				11.0				Δ			
13		1210	91	06	37			11.0	-34.4		650.1		52		
14		330	90	43	20			11.0	-15.2		669.3		53		
15	0	✓						5.0	-5.0		679.5	π	53+330		
16		550	90	04	58			11.0	-11.8		672.7		54		
17		1430	90	15	32			11.0	-17.4		667.1	?	55		
18		2310	89	51	09			11.0	-4.9		679.6		56		
19		3190	89	56	17			11.0	-8.9		675.6	0	57		
20	✓	270	00	25				11.0				0			

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STADIA SURVEY NOTES

AREA Umia STATE or PROVINCE Alaska PAGE No. 8
 LINE No.(s) U 7 PARTY No. 1173 DATE 25 Day 2 Mo. 78 Yr. BOOK No. _____
 SURVEYOR R Ippisell RODMAN K Barr WEATHER: Cloudy +25° P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		ABS. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2		1760	86	38	10				11.0	-91.6	583.7		Δ	157		
3	✓		273	18	50				11.0				Δ			
4		886	87	25	31				11.0	+28.5		612.2		58		
5	0	✓							5.0	-5.0		578.7	∩	59		
6		330	95	24	35				11.0	-42.1		541.6		59+330		
7		880	89	51	10				11.0	-8.7		575.0		60		
8		1760	87	57	32				11.0	+51.7		635.4		61		
9		2640	87	47	32				11.0	+89.8		673.5	0	62		
10	✓		272	09	50				11.0				0			
11																
12		880	90	48	35				11.0	+23.8	697.1		Δ			
13	✓		269	08	38				11.0				Δ			
14	0	✓							5.0	-5.0		692.1	∩	63		
15		700	88	33	45				10.0			704.4	0	Δ TBM 7206		
16	✓		271	23	23				10.0	+7.3			0			
17												704.4	TBM	7206		
18																
19													+1.6	MISTAKE RAW		
20																

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STADIA SURVEY NOTES

AREA Umiaat STATE or PROVINCE Alaska PAGE No. 9
 LINE No.(s) U7 PARTY No. 1173 DATE 27 Day 2 Mo. 78 Yr. BOOK No. _____
 SURVEYOR R Ippisch RODMAN K Barr WEATHER: Clear P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD		
1												707.4 ✓			
2		700'	89	00	32				5.0	-6.9	697.4		Δ	TBM	7206
3		✓	270	57	04				5.0				Δ		
4		0	✓						5.0	-5.0	692.4		π	68	
5		880	89	40	25				11.0	-6.3	691.1		o	69	
6		✓	270	16	43				11.0				o		
7															
8		3190	86	58	50				11.0	-156.1	534.8		Δ		
9		✓	272	58	38				11.0				Δ		
10		2310	87	23	28				11.0	+94.3	629.1			65	
11		1430	88	50	00				11.0	+18.2	553.0			66	
12		5500	90	45	05				11.0	-18.2	516.6			67	
13		0	✓						5.0	-5.0	529.8		π	67+550	
14		330	86	20	38				11.0	+10.0	544.8			68	
15		1210	87	18	35				11.0	+45.8	580.6			69	
16		1320	87	23	18				11.0	+48.7	583.5		o	69+110	
17		✓	272	34	04				11.0				o		
18															
19		2200	88	56	20				11.0	-29.0	554.1		Δ		
20		✓	271	01	03				11.0				Δ		

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STADIA SURVEY NOTES

AREA Umiat STATE or PROVINCE Alaska PAGE No. 10
 LINE No.(s) U 7 PARTY No. 1173 DATE 26 Day 2 Mo. 78 Yr. BOOK No.
 SURVEYOR R. Ipsick RODMAN K. Barr WEATHER: P.T.S. No.

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction			Center Hair	INST.		
1											554.1			
2		1430	89	41	18			11.0	-3.2		550.9		70	
3		550	90	15	20			11.0	-13.4		540.7		71	
4		0	✓					5.0	-5.0		549.1	K	71+550	
5		330	89	54	40			11.0	-10.5		543.6		72	
6		1210	91	10	42			21.0	HR -45.9		508.2		73	
7		2090	90	37	30			11.0	-33.7		520.4		74	
8		2970	90	10	36			11.0	-21.1		533.0	O	75	
9		✓	269	46	43			11.0				O		
10														
11		2310	89	59	59			11.0	+11.9		544.5		Δ	
12		✓	269	57	05			11.0					Δ	
13		1430	90	56	25			11.0	-34.4		510.1		76	
14		550	90	49	27			11.0	-18.9		525.6		77	
15		0	✓					5.0	-5.0		539.5	K	77+550	
16		330	89	25	46			11.0	-7.7		536.8		78	
17		1210	90	46	47			21.0	HR -37.4		507.1		79	
18		2090	89	44	38			11.0	-1.6		542.9		80	
19		2970	88	08	54			11.0	+84.0		628.5	O	81	
20		✓	271	48	21			11.0				O		

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AREA Umiat STATE or PROVINCE Alaska PAGE No. 11
 LINE No.(s) U 7 PARTY No. 1173 DATE 27 Day 2 Mo. 78 Yr. BOOK No. _____
 SURVEYOR R Tippie L RODMAN K Barr WEATHER: _____ P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD		
1												628.5			
2		880	92	10	20				11.0	+60.0	688.2		Δ	81	
3	✓	266	46	51					11.0				Δ		
4	0	✓							5.0	-5.0		683.2	κ	82	
5		880	87	57	54				11.0	+20.3		708.5		83	
6		1760	87	46	30				11.0	+57.4		745.6		84	
7		2640	87	59	47				15.0	+77.4		765.6	○	85	
8		2642	87	59	47				15.0	+76.5		764.7	○	85+2'	78022
9	✓	271	57	36					15.0				○		
10												764.7	IBM	78022	766.65
11												+1.3	MISTIE RAW		
12												764.7			
13	0	✓							5.0	+5.0	769.8		Δ	78022	
14	0	✓							5.0				Δ		
15	0	✓							5.0	-5.0		764.8	κ	78022	
16		768	90	56	20				11.0	-23.9		745.9	○	85+770	
17	✓	269	01	06					11.0				○		
18															
19		1320	85	59	00				11.0	-81.0	665.0		Δ		
20	✓	273	58	21					11.0				Δ		

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2nd

STADIA SURVEY NOTES

AREA Umia t STATE or PROVINCE Alaska PAGE No. 12
 LINE No.(s) 17 PARTY No. 1173 DATE 27 Day 2 Mo. 78 Yr. BOOK No. _____
 SURVEYOR R Ippisch RODMAN K Barr WEATHER: _____ P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD		
1											665.0				
2		1210	85	57	05				11.0	+74.5	739.5		86		
3		330	84	30	53				11.0	+20.5	685.5		87		
4		0	✓						5.0	-5.0	660.0	κ	87+330		
5		550	95	23	32				11.0	-62.7	602.3		88		
6		1430	96	06	30				11.0	-163.1	501.9		89		
7		2310	95	49	56				11.0	-246.8	418.2	0	90		
8		✓	264	06	40				11.0				0		
9															
10		2090	93	17	07				11.0	+131.5	549.7		Δ		
11		✓	266	40	04				11.0				Δ		
12		1210	94	39	15				11.0	-109.2	440.5		91		
13		330	93	12	15				11.0	-29.4	520.3		92		
14		0	✓						5.0	-5.0	544.7	κ	92+330		
15		550	86	54	10				11.0	+18.7	568.4		93		
16		880	87	29	02				15.0	+23.3	573.0	0	93+330		
17		✓	272	27	55				15.0				0		
18															
19		220	89	01	38				5.0	+1.4	574.4		Δ		
20		✓	270	55	30				5.0				Δ		

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STADIA SURVEY NOTES

AREA Umiat STATE or PROVINCE Alaska PAGE No. 13
 LINE No.(s) U7 PARTY No. 1173 DATE 27 Day 2 Mo. 78 Yr. BOOK No. _____
 SURVEYOR R Tippel RODMAN K Barr WEATHER: _____ P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		▲B.S. OF.S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												574.4				
2		0	✓						5.0	-5.0		569.4	K	93+550		
3		330	91	27	40				11.0	-19.4		555.0		94		
4		1210	91	39	10				11.0	-45.9		528.5		95		
5		2090	91	31	55				11.0	-67.6		506.8	O	96	PIPE	
6		✓	268	25	18				11.0				O			
7																
8		1760	87	04	57				11.0	-77.9	428.9		Δ			
9		✓	872	52	04				11.0				Δ			
10		880	86	48	00				11.0	+38.1		467.0		97		
11		0	✓						5.0	-5.0		423.9	K	98	→ REFER P-14	
12		880	94	49	55				11.0	-85.1		343.8		99		
13		1760	91	03	00				4.5	-36.7		392.2		TS 1		
14		2640	90	07	40				4.5	-10.2		418.7		TS 2		
15		2970	90	03	35				11.0	-13.9		415.0	O	TS 2+330		
16																
17		4070	89	45	18				11.0	-6.7	408.3		Δ			
18		3520	90	09	38				11.0	-20.6		387.7		TS 3		
19		2640	90	58	00				21.0	-65.4	HR	342.9		TS 4		
20		1760	90	43	58				11.0	-33.4		374.9		TS 5		

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STADIA SURVEY NOTES

AREA Umiat STATE or PROVINCE Alaska PAGE No. 14
 LINE No.(s) U 7 PARTY No. 1173 DATE 27 Day 2 Mo. 28 Yr. BOOK No. _____
 SURVEYOR R. Tppisch RODMAN K Barr WEATHER: _____ P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		▲B.S. OF.S. -S.S.	Station	REMARKS	
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD				
1																	
2		0 ✓							5.0	-5.0			T. 98				
3		3100.4589	38	06				10.0		+8.8	437.8		78023				
4		✓ 270	19	19				10.0					0				
5											437.8		T.B. 78023				437.84
6																	
7											-0.3		MISTIE RAW				
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	
20																	

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STADIA SURVEY NOTES

AREA Umiait STATE or PROVINCE Alaska PAGE No. 15
 LINE No.(s) 117 PARTY No. 1173 DATE 27 Day 2 Mo. 78 Yr. BOOK No. _____
 SURVEYOR R. Ippisc 1 RODMAN K. Barr WEATHER: Clear P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		ABS. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												408.3				
2		880	90	32	23				11.0	-19.3		389.0		TS6		
3		0	✓						5.0	-5.0		403.3	π	TS7		
4		880	88	54	04				11.0	+5.9		414.2		TS8		
5		1760	88	52	41				11.0	+23.5		431.8		TS9		
6		2640	88	57	35				11.0	+37.1		445.4	○	TS10		
7														⊖	TS10	
8		880	89	12	24				11.0	-1.2	444.2		Δ	TS10		
9		0	✓						5.0	-5.0		439.2	π	TS10		
10		880	90	43	30				45	-15.6		428.6	⊖	TS11		
11															TS12	
12																
13																
14																
15																
16																
17																
18																
19																
20																

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