

STADIA SURVEY NOTES

AREA HOWARD PASS / PUUAKRAT MTN STATE or PROVINCE ALASKA PAGE No. 1
 LINE No.(s) R-2-A PARTY No. 1184 DATE 31 Day 3 Mo. 78 Yr. BOOK No. _____
 SURVEYOR W.D. HELANDER RODMAN D. JENSEN WEATHER: CLEAR, CALM, -40° P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1																
2			<u>RECIPROCAL ANGLE SURVEY - TP ELEVATIONS</u>													
3																1639.87
4			<u>TAKE OFF BAS 78193</u>										<u>1639⁴</u>			BAS 78193 common with
5																TP-1 SP354 L-R2-A
6																MARKER PIPE # TAG
7																
8	S	3956 ²³		90-50-19				HI	7.0		-56 ³					BAS 78193 - TP 2
9	"	"		269-10-00				HT	6.0							(SP 354 - SP 363)
10	N	3956 ²³		89-12-12				HI	6.5							TP 2 - BAS 78193
11	"	"		270-48-25				HT	6.0							(SP 363 - SP 354)
12																
13													1583 ¹			TP-2 ELEV
14																
15	S	18449 ⁹⁸		90-30-10				HI	6.5		-153 ^E					TP 2 - E.O.L.
16	"	"		269-30-30				HT	6.0							(SP 363 - SP 405)
17	N	18449 ⁹⁸		89-33-02				HI	6.5							E.O.L. - TP 2
18	"	"		270-27-46				HT	6.0							(SP 405 - SP 363)
19																
20													1429 ⁶			E.O.L. ELEV

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STADIA SURVEY NOTES

AREA Lisbarne Ridge STATE or PROVINCE Alaska PAGE No. 2
 LINE No.(s) R2A PARTY No. 1184 DATE 4 Day 2 Mo. 78 Yr. BOOK No. _____
 SURVEYOR D. Jensen RODMAN W.D.H. 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.		
1														
2														
3														
4	N	14487.5*			89-34-07		HI	6.0		+111.8	1751.2			TP-1 2 TP-3
5	"	"			270-25-45		HT	6.0						(Sp 354 2 Sp 321)
6	S	14487.5*			90-27-52		HI	6.2						TP-3 2 TP-1
7	"	"			269-32-28		HT	4.3						(Sp 321 2 Sp 354)
8														
9														
10														
11	N	3043.20			89-16-08		HI	6.2		+45.0	1796.2			TP-3 2 TP-4
12	"	"			270-50-18		HT	6.0						(Sp 321 2 Sp 314)
13	S	3043.20			90-50-09		HI	5.8						TP-4 2 TP-3
14	"	"			269-10-01		HT	6.9						(Sp 314 2 Sp 321)
15														
16														
17														
18														
19														
20														

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STADIA SURVEY NOTES

AREA Lisborne Ridge STATE or PROVINCE Alaska PAGE No. 3
 LINE No.(s) R2A PARTY No. 1184 DATE 4 Day 2 Mo. 78 Yr. BOOK No. _____
 SURVEYOR D. Jensen RODMAN W.D.H. WEATHER: Clear - Int. ice fog P.T.S. No. _____

LINE	Searing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Center Hair	Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.S. OF.S. -S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction				INST.	ROD			
1												1796.2				
2																
3																
4																
5	N	6154.38			89-34-26			HI	6.0	+47.1		1843.3			TP-4 2 TP-5	
6	"	"			270-26-17			HT	6.0						(Sp-314 2 Sp-300)	
7	S	6154.38			90-27-08			HI	6.9						TP-5 2 TP-4	
8	"	"			269-32-43			HT	6.0						(Sp300 2 Sp-314)	
9																
10																
11																
12																
13	N	7024.52			90-36-17			HI	6.9	-72.0		1771.3			TP-5 2 TP-6	
14	"	"			269-23-42			HT	5.9						(Sp 300 2 Sp 284)	
15	S	7024.52			89-25-11			HI	6.9						TP-6 2 TP-5	
16	"	"			270-34-40			HT	6.0						(Sp284 2 Sp300)	
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA Lisborne Ridge to Smith Mountain STATE or PROVINCE Alaska PAGE No. 4
 LINE No.(s) R2A PARTY No. 1184 DATE 4 Day 4 Mo. 18 Yr. BOOK No. _____
 SURVEYOR D. Jensen RODMAN L. Gleason WEATHER: Clear P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF S. S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			-INST.	ROD			
1													1771.3			
2																
3																
4																
5																
6	N	23276.03		89-59-10			H.I.	5.9		+1517			1787.6			TP-6 ~ TP-7
7	"	"		270-01-01			H.T.	6.0								(SP-284 ~ SP-231)
8	S	23276.03		90-03-55			H.L.	5.9								TP-7 ~ TP-6
9	"	"		269-50-31			H.T.	6.0								SP-231 ~ SP-284
10																
11																
12																
13	-N	6581.49		91-41-12			H.I.	5.7		-191.6			1595.4			TP-7 ~ TP8
14	"	"		268-19-00			HT	4.3								(SP-231 ~ 216)
15	S	6581.40		88-20-34			H.I.	5.9								TP8 ~ TP-7
16	"	"		271-39-23			HT	5.2								
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA Smith Mountain STATE or PROVINCE Alaska PAGE No. 5
 LINE No.(s) R2A PARTY No. 1184 DATE 4 Day 4 Mo 78 Yr. BOOK No. _____
 SURVEYOR D. Jensen RODMAN L. Gleason 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													1595.4		
2															
3															
4															
5															
6	N	4056.36		91-29-16			H. I.	6.9		-105.4		1490.0		TP-8 ~ TP-9	
7	"	"		268-20-39			H. T.	6.0						(Sp. 216 ~ Sp. 206 + 330)	
8	S	4056.36		88-30-33			H. I.	5.9						TP-9 ~ TP-8	
9	"	"		271-29-11			H. T.	6.0						(Sp. 206 + 330 ~ Sp. 216)	
10															
11															
12	N	13498.95		91-08-07			H. I.	6.0		-265.5		1224.5		TP-9 ~ TP-10	
13	"	"		268-51-31			H. T.	6.0						(Sp. 206 + 330 ~ Sp. 176)	
14	S	13498.95		88-53-00			H. I.	6.0						TP-10 ~ TP-9	
15	"	"		271-06-58			H. T.	6.0						Sp. 176 ~ Sp. 206 + 330)	
16															
17															
18															
19															
20															

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AREA Smith Mountain STATE or PROVINCE Alaska PAGE No. 6
 LINE No.(s) R2A PARTY No. 184 DATE 4 Day 4 Mo. 78 Yr. BOOK No. _____
 SURVEYOR D. Jensen RODMAN L. Gleason WEATHER: Clear - calm P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF.S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion			Center Hair	INST.			
1											1224.5				
2															
3															
4															
5															
6	N	33366.05		90-01-20			HI	4.9	+0.2		1224.7			TP-10 — TP-11	
7	"	"		269-58-21			HT	6.0						(SP-176 — SP-100)	
8	S	33366.05		90-01-16			HI	6.5						TP-11 — TP-10	
9	"	"		269-58-15			HT	8.0						(SP-100 — SP-176)	
10															
11															
12															
13	E	1578.00		88-28-35			HI	6.9	+42.3		1267.0			TP-11 — TP-12	
14	"	"		271-32-20			HT	5.4							
15	W	1578.00		91-35-15			HI	6.5						TP-12 — TP-11	
16	"	"		268-24-31			HT	5.0							
17															
18															
19															
20															

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE _____ PAGE No. 7
 LINE No.(s) _____ PARTY No. _____ DATE _____ Day _____ Mo. _____ Yr. BOOK No. _____
 SURVEYOR _____ RODMAN _____ 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												1267.0				
2																
3																
4																
5																
6	E	5185.75		89-47-18			HI	6.4		+28.9		1295.9				TP-12 ~ TP-13
7	"	"		270-18-32			HT	6.0								
8	W	5185.75		90-19-40			HI	6.4								TP-13 ~ TP-12
9	"	"		269-40-12			HT	6.0								
10																
11																
12																
13	E	4665.75		90-35-05			HI	6.4		-51.1		1244.8				TP-13 ~ TP-14
14	"	"		269-25-00			HT	9.9								
15	W	4665.75		89-22-40			HI	6.6								TP-14 ~ TP-13
16	"	"		270-37-06			HT	6.0								
17																
18																
19																
20																

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE _____ PAGE No. 8
 LINE No.(s) _____ PARTY No. _____ DATE _____ Day _____ Mo. _____ Yr. BOOK No. _____
 SURVEYOR _____ RODMAN _____ WEATHER: _____ P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												1244.8				
2	—	0	—						6.0	+6.0	1250.8		△			
3	E	2550.12			91-44-20				15.0	-92.4	-92.5	1158.3	○			TP-14 2 BAS 4513
4	"	"			268-15-28				15.0	-92.5						
5												1162.2	✓			BAS 4513 ELEV.
6												3.9				Ver mistie
7																
8																
9																
10																
11																
12																
13																
14																
15																
16																
17																
18																
19																
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STADIA SURVEY NOTES

AREA Smith Mountain STATE or PROVINCE Alaska PAGE No. 9
 LINE No.(s) R2A PARTY No. 1184 DATE 4 Day 4 Mo. 18 Yr. BOOK No. _____
 SURVEYOR D. Jensen RODMAN L. Gleason WEATHER: Clear - calm P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Center Hair	Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion				INST.	ROD		
1					TAKE	Off	TP-11		ELEV.		1224.7	0	100	Refer to page - 6 Line - 6 Elev.	
2															
3															
4	N	6160			89-32-32			10.0		-39.2	1185.5	Δ	100	TP-11 common w sp 100	
5	"	5720			89-39-47			5.5		+28.1	1213.6	-	101	(chk. shot)	
6	"	5280			89-43-58			5.5		+19.1	1204.6	-	102		
7	"	4840			89-40-57			19.5		+7.3	1192.8	-	103		
8	"	4400			89-42-10			14.0		+8.8	1194.2	-	104		
9	"	3960			89-41-52			5.5		+15.4	1200.9	-	105		
10	"	3526			89-57-47			5.5		-3.2	1182.3	-	106		
11	"	3680			90-24-03			5.5		-27.0	1158.5	-	107		
12	"	2640			90-51-50			5.5		-45.3	1140.2	-	108		
13	"	2200			91-14-25			5.5		-53.1	1132.4	-	109		
14	"	1760			91-27-44			5.5		-50.4	1135.1	-	110		
15	"	1320			91-27-08			5.5		-39.0	1146.5	-	111		
16	"	880			91-22-50			5.5		-26.7	1158.8	-	112		
17	"	440			91-02-28			5.5		-13.5	1172.0	-	113		
18		~0~						6.0		-6.0	1179.5	-	114	π	
19															
20															

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STADIA SURVEY NOTES

AREA Smith Mountain Pass STATE or PROVINCE Alaska PAGE No. 10
 LINE No.(s) R2A PARTY No. 1184 DATE 4 Day 4 Mo. 78 Yr. BOOK No. _____
 SURVEYOR D. Jensen RODMAN L. Gleason WEATHER: Clear P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Center Hair	Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction				INST.	ROD		
1											1185.5				
2															
3															
4	S	440			90-38-16			4.0		-8.9	1176.6	115	115		
5	"	880			90-52-08			8.0		-21.3	1164.2	116	116		
6	"	1320			91-01-56			27.0		-50.8	1134.7	-	117		
7	"	1760			90-50-00			26.0		-54.7	1130.8	-	118		
8	"	2200			90-54-26			14.0		-48.8	1136.7	-	119		
9	"	2640			90-51-31			7.0		-46.6	1138.9	-	120		
10	"	3080			90-38-00			9.0		-41.0	1144.5	-	121		
11	"	3520			90-26-35			7.0		-34.2	1151.3	-	122		
12	"	3960			90-16-04			7.0		-25.5	1160.0	-	123		
13	"	4400			90-08-05			7.0		-17.3	1168.2	-	124		
14	"	4840			90-02-19			7.0		-10.3	1175.2	-	125		
15	"	5280			89-58-12			7.0		-4.2	1181.3	-	126		
16	"	5720			89-54-27			7.0		+2.2	1187.7	-	127		
17	"	6160			89-52-38			7.0		+6.2	1191.7	-	128		
18	"	6600			89-52-33			7.0		+7.3	1192.8	-	129		
19	"	7040			89-49-03			15.0		+7.4	1192.9	0	130		
20															

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STADIA SURVEY NOTES

AREA Smith Mountain STATE or PROVINCE Alaska PAGE No. 11
 LINE No.(s) R2A PARTY No. 1124 DATE 4 Day 4 Mo. 78 Yr. BOOK No.
 SURVEYOR D. Jensen RODMAN L. Gleason WEATHER: Clear P.T.S. No.

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Center Hair	Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction				INST.	ROD		
1															
2												1192.9	⊙	130	
3															
4	N	7920			89-58-06			10.0		+5.6	1198.5	Δ	130	check shot	
5	"	7480			96-02-10			5.5		-10.2	1188.3	-	131		
6	"	7040			90-05-28			5.5		-16.7	1181.8	-	132		
7	"	6600			90-01-20			5.5		-8.1	1190.4	-	133		
8	"	6160			90-07-41			14.0		-27.8	1170.7	-	134		
9	"	5720			90-68-08			15.0		-28.5	1170.0	-	135		
10	"	5280			90-08-22			14.0		-26.9	1171.6	-	136		
11	"	4840			90-09-55			14.0		-25.1	1173.4	-	137		
12	"	4400			90-10-37			8.0		-21.6	1176.9	-	138		
13	"	3960			90-10-03			5.5		-17.1	1181.4	-	139		
14	"	3520			90-07-16			5.5		-12.9	1185.6	-	140		
15	"	3080			90-07-45			5.5		-12.4	1186.1	-	141		
16	"	2640			90-23-45			5.5		-23.7	1174.8	-	142		
17	"	2200			96-47-24			5.5		-35.8	1162.7	-	143		
18	"	1760			90-51-35			5.5		-31.9	1166.6	-	144		
19	"	1320			90-37-15			5.5		-27.5	1171.0	-	145		
20	"	880			90-53-08			5.5		-19.1	1179.4	-	146		

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STADIA SURVEY NOTES

AREA Smith Mountain STATE or PROVINCE Alaska PAGE No. 12
 LINE No.(s) R2A PARTY No. 1184 DATE 4 Day 4 Mo. 78 Yr. BOOK No. _____
 SURVEYOR D. Jensen RODMAN L. Gleason 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												1198.5			
2															
3															
4	N	440			90-51-48			4.0		-10.6		1187.9	-	147	
5		~0~						6.0		-6.0		1192.5	-	148	π
6	S	440			90-42-00			4.0		-9.4		1189.1	-	149	
7	"	880			90-51-24			22.0		-35.2		1163.3	-	150	
8	"	1320			91-00-40			22.0		-45.3		1153.2	-	151	
9	"	1760			90-53-02			22.0		-49.2		1149.3	-	152	
10	"	2200			90-52-12			8.0		-41.4		1157.1	-	153	
11	"	2640			90-39-50			8.0		-38.6		1159.9	-	154	
12	"	3080			90-30-57			8.0		-35.7		1162.8	-	155	
13	"	3520			90-34-28			8.0		-43.3		1155.2	-	156	
14	"	3960			90-19-30			8.0		-30.5		1168.0	-	157	
15	"	4400			90-16-07			8.0		-28.6		1169.9	-	158	
16	"	4840			90-13-25			8.0		-26.9		1171.6	-	159	
17	"	5280			90-13-17			8.0		-28.4		1170.1	-	160	
18	"	5720			90-14-55			8.0		-32.8		1165.7	-	161	
19	"	6160			90-13-28			10.0		-34.1		1164.4	0	162	
20															

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STADIA SURVEY NOTES

AREA Smith Mountain STATE or PROVINCE Alaska PAGE No. 13
 LINE No.(s) D2A PARTY No. 1184 DATE 4 Day 5 Mo. 78 Yr. BOOK No. _____
 SURVEYOR D. Jensen RODMAN L. Gleason WEATHER: Clear P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion			Center Hair	INST.			
1											1164.4	0	162		
2															
3	N	3080			90-20-31			10.0	+28.4	1192.8		A	162		
4	"	2640			90-29-38			4.5	-22.3		1165.5	-	163		
5	"	2200			90-28-40			4.5	-22.8		1170.0	-	164		
6	"	1760			90-31-24			4.5	-20.6		1172.2	-	165		
7	"	1320			90-31-20			4.5	-16.5		1176.3	-	166		
8	"	880			90-31-53			4.5	-12.7		1180.1	-	167		
9	"	440			90-46-37			4.8	-10.0		1182.8	-	168		
10		~0~						5.9	-5.9		1186.9	-	169	X	
11	S	440			89-59-20			4.5	-4.4		1188.4	-	170		
12	"	880			89-30-39			4.0	+3.5		1196.3	-	171		
13	"	1320			89-19-20			8.0	+7.6		1200.4	-	172		
14	"	1760			89-19-58			8.0	+12.5		1205.3	-	173		
15	"	2200			89-20-26			8.0	+12.3		1210.1	-	174		
16	"	2640			89-18-57			8.0	+23.5		1216.3	-	175		
17	"	3080			89-15-44			10.0	+29.7		1222.5	0	176	TP-10, check shot.	
18											1224.7			Recip. Elev. PAGE 6 LINE 6	
19											-2.2			ver. mistie	
20															

TI-588B

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AJM

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2nd _____

STADIA SURVEY NOTES

AREA Smith Mountain STATE or PROVINCE Alaska PAGE No. 114
 LINE No.(s) R2A PARTY No. 1184 DATE 4 Day 4 Mo. 78 Yr. BOOK No. _____
 SURVEYOR D. Jensen RODMAN L. Gleason WEATHER: Good - 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.		
1					TAKE OFF TP - 10									
2											1224.7	0		Sp 176 Refer to pg-5 Ln-12 for elev.
3	N	9240			91-06-54			10.0	+189.8	1414.5		Δ	176	check shot - TP-10
4	"	8800			91-10-07			5.5	-185.0		1229.5	-	177	
5	"	8360			91-11-31			5.5	-179.4		1235.1	-	178	
6	"	7920			91-13-20			5.5	-174.4		1240.1	-	179	
7	"	7480			91-14-59			5.5	-168.6		1245.9	-	180	
8	"	7040			91-17-28			5.5	-164.1		1250.4	-	181	
9	"	6600			91-13-26			5.5	-146.5		1268.0	-	182	
10	"	6160			91-25-14			5.5	-158.2		1256.3	-	183	
11	"	5720			91-29-46			5.5	-154.8		1259.7	-	184	
12	"	5280			91-32-04			5.5	-140.9		1267.6	-	185	
13	"	4840			91-36-25			5.5	-141.2		1272.3	-	186	
14	"	4400			91-44-32			5.5	-139.3		1275.2	-	187	
15	"	3960			91-45-04			8.5	-129.5		1285.0	-	188	
16	"	3520			91-44-44			3.5	-112.2		1301.8	-	189	
17	"	3080			91-55-51			14.0	-112.8		1296.9	-	190	
18	"	2640			91-53-48			14.0	-104.4		1313.1	-	191	
19	"	2200			91-53-50			5.5	-78.3		1336.2	-	192	
20	"	1760			92-09-48			5.5	-71.9		1342.9	-	193	

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STADIA SURVEY NOTES

AREA Smith Mountain Pass STATE or PROVINCE Alaska PAGE No. 15
 LINE No.(s) R2A PARTY No. 1184 DATE 4 Day 4 Mo. 18 Yr. BOOK No.
 SURVEYOR D. Jensen RODMAN L. Gleason WEATHER: Clear 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												1414.5				
2																
3																
4	N	1320			92-13-08				4.0		-55.1	1359.4	-	194		
5	"	880			92-13-21				4.0		-38.1	1376.4	-	195		
6	"	440			92-10-35				4.0		-20.7	1393.8	-	196		
7	"	~0~							5.9		-5.9	1408.6	-	197		K
8	S	440			89-37-40				4.0		-1.1	1413.4	-	198		
9	"	880			89-55-33				19.5		-19.4	1396.1	-	199		
10	"	1320			89-53-23				19.5		-17.0	1397.5	-	200		
11	"	1760			89-52-35				14.0		-10.2	1404.2	-	201		
12	"	2200			89-50-37				7.0		-1.0	1413.5	-	202		
13	"	2640			89-41-04				7.0		+7.5	1422.0	-	203		
14	"	3080			89-26-18				7.0		+23.2	1437.7	-	204		
15	"	3520			89-09-59				7.0		+44.2	1458.7	-	205		
16	"	3960			89-53-30				7.0		+69.6	1484.1	-	206		
17	"	+290			89-49-04				10.0		+78.5	1493.0	⊙	206+350'	TP - 9' check shot	
18												1490.0		Rec. P. Elev.	Page 5 LINE 10	
19												+3.0		Very misty		
20																

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STADIA SURVEY NOTES

AREA: Smith Mountain STATE or PROVINCE: Alaska PAGE No. 16
 LINE No.(s): R 2A PARTY No. 1184 DATE 4 Day 4 Mo. 78 Yr. BOOK No. _____
 SURVEYOR D. Jensen RODMAN L. Gleason WEATHER: Clear - calm 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															
3	N	3630			91-10-20					+88.3	1578.3			206+330'	Refer to page - 5 Line 12 for elev.
4	"	3520			91-16-22					-83.7	1494.6		207		ck. shot to 206+330
5	"	3080			91-33-48					-89.5	1488.8		208		
6	"	2640			91-59-39					-97.4	1480.9		209		
7	"	2700			92-28-25					-100.5	1477.8		210		
8	"	1760			93-36-31					-116.3	1462.0		211		
9	"	1320			94-18-47					-104.8	1473.5		212		Low point of hill
10	"	880			94-21-05					-70.8	1507.5		213		
11	"	440			94-50-57					-41.2	1537.1		214		
12		-0~								-7.0	1571.3		215		
13	S	440			86-58-33					+17.2	1595.5		216		ck. shot TP 8
14											1595.4				Rec'd Elev. PAGE 4 LINE 13
15											+0.1				Ver. mistie
16															
17															
18															
19															
20															

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2nd

STADIA SURVEY NOTES

AREA HOWARD PASS STATE ALASKA PAGE No. 18
 LINE No. R2A PARTY No. 1184 DATE 6th Day April Mo. 1978 yr. BOOK No. _____
 SURVEYOR J. MEYER RODMAN C. Aldworth WEATHER Cloudy P.T.S. No. _____

LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST	ROD		
				TAKE OFF TP-7 which is SP-231											
				Refer to page 7 LINE 6 For Recip.											
				ELEV.											
												1787.0	○	TP-7	SP-231
	N	7480		89-01-31				15.0	-112.2	-112.8	1674.2		▲		
	"	"		70-58-58				15.0	-113.3				▲		
	"	7040		89-00-23				6.0		+116.1				232	
	"	6600		89-03-10				6.0		+103.1				233	
	"	6860		89-07-29				6.0		+89.6				234	
	"	5720		89-11-28				6.0		+74.8				235	
	"	5280		89-12-54				6.0		+66.3				236	
	"	4840		89-14-22				6.0		+58.0				237	
	"	4400		89-14-40				6.0		+52.0				238	
	"	3960		89-31-29				6.0		+26.8				239	
	"	3520		90-01-43				6.0		-7.8				240	
	"	3080		90-34-11				15.0		-45.6				241	
	"	2640		90-55-08				15.0		-57.3				242	
	"	2200		90-52-21				15.0		-51.7				243	

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J. Meyer

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2nd

STADIA SURVEY NOTES

AREA HOWARD Pass STATE ALASKA PAGE No. 19
 LINE No. R-2A PARTY No. 1184 DATE 6th Day April Mo. 1978 yr. BOOK No. _____
 SURVEYOR J. McKay RODMAN C. Aldworth WEATHER Clear & Cool P.T.S. No. _____

LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD		
												1674.2			
	N	1760		91-00-49				23.0			-57.2	1617.0		244	
	"	1320		91-04-18				23.0			-47.7	1626.5		245	
	"	880		90-50-56				19.0			-32.0	1648.2		246	
	"	440		90-31-37				6.0			-10.0	1664.2		247	
	-	0						6.0			-6.0	1668.2		248	
	S	440		90-28-38				6.0			-9.7	1664.5		249	
		880		90-48-21				6.0			-18.4	1655.8		250	
		1320		90-57-40				10.0			-32.1	1642.1		251	
		1760		90-54-41				15.0			-43.0	1631.2		252	
		2200		91-03-46				15.0			-55.8	1618.4		253	
		2640		90-44-52				15.0			-49.5	1624.7		254	
		3080		90-41-05				6.0			-42.8	1631.4		255	
		3520		90-36-10				6.0			-48.0	1631.2		256	
		3960		90-32-31				6.0			-43.5	1630.7		257	
		4400		90-24-41				6.0			-37.6	1636.6		258	
		4840		90-19-00				6.0			-29.9	1644.3		259	
		5280		90-10-24				6.0			-22.0	1652.3		260	
		5720		90-06-57				6.0			-17.0	1656.6		261	
		6160		90-04-42				6.0			-14.4	1659.8		262	

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STADIA SURVEY NOTES

AREA HOWARD Pass STATE ALASKA PAGE No. 20
 LINE No. R-2A PARTY No. 1184 DATE 6th Day Thur. Mo. April Yr. 1978 BOOK No. _____
 SURVEYOR J. McKay RODMAN C. Aldworth WEATHER Clear & Cool P.T.S. No. _____

LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING					ELEVATIONS		Station	FINAL ELEVATIONS	
			Level	Inclined	Angle or Factor	Hoir Read	Reading	Correction	Center Hoir	Angular Elev. Diff.	Final Elev. Diff.	INST.			ROD
	S	6600		89-57-12				15.0	-9.6	-9.3		1674.2			
				270-03-11				15.0	-8.9					263	
	N	5280		87-45-32				15.0	-6.7	-7.3		1657.6		A	
	"	5280		270-14-52				15.0	-7.8					A ₁	
	"	4840		89-55-40				6.0		+0.1		1657.7		264	
	"	4400		90-00-52				6.0		-7.1		1650.5		265	
	"	3960		90-09-26				6.0		-16.5		1641.1		266	
	"	3520		90-17-48				6.0		-24.2		1633.4		267	
	"	3080		90-30-11				6.0		-33.0		1624.6		268	
	"	2640		90-39-30				6.0		-36.4		1621.2		269	
	"	2200		90-41-18				6.0		-32.4		1625.2		270	
	"	1760		90-39-23				6.0		-26.2		1631.4		271	
	"	1320		90-36-25				6.0		-20.0		1637.6		272	
	"	880		90-31-10				6.0		-14.0		1643.6		273	
	"	440		90-13-22				6.0		-7.7		1649.9		274	
	→	0						6.0		-6.0		1651.6		275	
	S	440		89-15-33				6.0		-0.3		1657.3		276	
	"	880		89-02-57				6.0		+8.6		1666.2		277	

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STADIA SURVEY NOTES

AREA Lisbon Pass STATE Alaska PAGE No. 22
 LINE No. R2A PARTY No. 1184 DATE 4 Day 6 Mo. 78 Yr. BOOK No. _____
 SURVEYOR D. Jensen RODMAN L. Gleason WEATHER Clear P.T.S. No. _____

LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction			Center Hair	INST.		
								TAKE OFF		ELEV.				
														Refer to Pa- Lot for ELEV
	N	3520			90-22-20			5.0		+22.9	1799.2		284	
	"	3080			90-40-16			4.5		-40.6	1758.6	-	285	
	"	2640			91-01-38			8.0		-55.3	1743.6	-	286	
	"	2200			90-58-23			4.5		-41.9	1759.3	-	287	
	"	1760			91-36-07			4.5		-50.6	1748.6	-	288	
	"	1320			92-18-00			4.5		-57.5	1741.7	-	289	
	"	880			92-58-20			4.5		-49.4	1749.8	-	290	
	"	440			93-38-01			4.0		-31.5	1767.7	-	291	
	"	~0~						5.7		-5.7	1793.5	-	292	*
	S	440			96-44-38			4.0		-9.7	1789.5	-	293	
	"	880			96-10-45			8.0		-10.8	1788.4	-	294	
	"	1320			89-49-50			8.0		-4.1	1795.1	-	295	
	"	1760			89-47-07			8.0		-1.4	1792.8	-	296	
	"	2200			89-36-11			8.0		+7.2	1806.4	-	297	
	"	2640			89-25-20			8.0		+18.6	1817.8	-	298	
	"	3080			89-11-52			8.0		+35.1	1834.3	-	299	
	"	3520			89-11-39			5.0		+44.5	1843.7	0	300	of TP-5

+ 0.4 ven. mistle

WORKED BY

D. Jensen

CHECKED BY

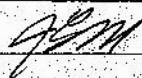
2nd

STADIA SURVEY NOTES

AREA Lisborne Ridge STATE Alaska PAGE No. 23
 LINE No. R2A PARTY No. 1184 DATE 4 Day 6 Mo. 78 Yr. BOOK No. _____
 SURVEYOR D. Jensen RODMAN L. Gleason WEATHER Clear P.T.S. No. _____

LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction			Center Hair	INST.		
						TAKE OFF TP-5				ELEV.	1843.3	Δ	(Refer to Pt Lnt TP-5 common with sq.	
	N	3080			89-00-02			10.0		-43.7	1799.6	Δ	300	
	"	2640			89-03-17			4.5		+39.1	1838.7	-	301	
	"	2200			89-08-55			4.5		+28.2	1827.8	-	302	
	"	1760			89-15-26			4.5		+18.3	1817.9	-	303	
	"	1320			89-30-08			4.5		+7.0	1806.6	-	304	
	"	880			89-44-58			4.5		-0.7	1798.9	-	305	
	"	440			89-44-25			4.0		-2.0	1797.6	-	306	
	~0~							5.8		-5.8	1793.8	-	307	
		440			91-22-40			4.0		-14.6	1786.0	-	308	
		880			91-28-52			8.0		-30.7	1768.9	-	309	
		1320			91-28-20			22.0		-55.9	1743.7	-	310	
		1760			91-38-03			26.0		-76.2	1723.4	-	311	
		2200			91-23-43			8.0		-61.6	1738.0	-	312	
		2640			90-48-35			8.0		-45.3	1754.3	-	313	
		3080			89-57-50			5.0		-3.1	1796.5	0	314	
											1796.2	Recip. Elev.		
											+0.3	ver. mistake		

WORKED BY



CHECKED BY

2nd

STADIA SURVEY NOTES

AREA S-Lisborne Ridge STATE Alaska PAGE No. 25
 LINE No. R2A PARTY No. 1184 DATE 4 Day 6 Mo. 78 Yr. BOOK No.
 SURVEYOR D. Jensen RODMAN E. Gleason WEATHER Clear P.T.S. No.

LINE	Bearing or Sight	Stadia Distance	BEAMAN, OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	FINAL ELEVATIONS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD		
												1717.6			
	S	1540			92-36-58			8.0			-78.3	1629.3	-	329	
	"	1980			92-39-42			8.0			-99.9	1617.7	-	330	
	"	2420			92-40-05			8.0			-120.6	1597.0	-	331	
	"	2860			91-55-25			8.0			-104.0	1613.6	-	332	
	"	3300			91-35-24			14.0			-105.6	1618.0	○	333	
	N	4400			88-53-02			14.0			-71.7	1540.3	○		
	"	3960			89-04-18			8.0			+56.2	1596.5	-	334	
	"	3520			89-10-05			8.0			+43.1	1583.4	-	335	
	"	3080			89-07-57			4.5			+42.1	1582.4	-	336	
	"	2640			89-09-20			4.5			+35.2	1575.5	-	337	
	"	2200			89-15-20			4.5			+24.1	1564.4	-	338	
	"	1760			89-23-15			4.5			+14.3	1554.6	-	339	
	"	1320			89-35-46			4.5			+4.8	1545.1	-	340	
	"	880			90-23-50			4.5			-10.6	1529.7	-	341	
	"	440			90-21-35			4.0			-6.8	1533.5	-	342	
	"	~0-						5.9			-5.9	1534.4	-	343	X
	S	440			92-28-08			4.0			-23.0	1517.3	-	344	

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JEM

CHECKED BY

2nd

STADIA SURVEY NOTES

AREA S-Lisborne Ridge STATE Alaska PAGE No. 26
 LINE No. R2A PARTY No. 1184 DATE 4 Day 6 Mo. 78 yr. BOOK No. _____
 SURVEYOR D. Jensen RODMAN L. Gleason WEATHER Clear P.T.S. No. _____

LINE	Bearing or Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING				Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		▲ BS ○ FS - SS	Station	FINAL ELEVATIONS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction	Center Hair			INST.	ROD			
												1540.3				
	S	880			92-37-21				8.0		-48.3	1492.0	-	345		
	"	1320			91-33-08				8.0		-48.8	1496.5	-	346		
	"	1760			90-29-34				8.0		-23.1	1519.2	-	349		
	"	2200			89-56-09				8.0		-5.5	1534.8	-	348		
	"	2640			89-30-23				8.0		+14.7	1556.0	-	349		
	"	3080			89-05-12				8.0		+41.1	1591.4	-	350		
	"	3520			88-48-58				8.0		+64.7	1605.0	-	351		
	"	3960			88-41-44				8.0		+82.1	1627.4	-	352		
	"	4400			88-39-35				8.0		+94.9	1636.2	-	353		
	"	4840			88-40-31				14.0		+97.9	1638.2	0	354	TP-1	
												1639.4			BAS. 78193 Elev.	
												-1.2	ver.		Mistie	

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STADIA SURVEY NOTES

AREA HOWARD PASS / PUVARAT MTN STATE or PROVINCE ALASKA PAGE No. 27
 LINE No.(s) R-2-A PARTY No. 1184 DATE 31 Day 3 Mo. 78 Yr. BOOK No.
 SURVEYOR W.D. HELANDER RODMAN D. JENSEN WEATHER: CLEAR, CALM, -40° P.T.S. No.

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Center Hair	Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correction				INST.	ROD		
1															
2				TAKE OFF TP 1					ELEV			1639 ⁴			REFER TO Pg. 1 LN. 4
3															
4															
5		0										1646 ⁴	Δ	354	THIS AREA IS
6															CHARACTERIZED BY
7	S	440		91-36-50				4.0		-16.4		1630 ⁰	-	355	GENTLY ROLLING HILLS
8	"	888		91-35-45				4.0		-28.5		1617 ²	-	356	
9	"	1320		91-30-35				8.0		-42.8		1603 ²	-	357	
10	"	1760		91-23-33				8.0		-50.8		1595 ²	-	358	
11	"	2200		91-23-53				8.0		-61.7		1584 ²	-	359	
12	"	2640		91-27-00				8.0		-74.8		1571 ²	=	360	LOW POINT
13	"	3080		91-04-55				8.0		-66.2		1580 ³	-	361	
14	"	3520		90-47-17				8.0		-56.4		1590 ²	-	362	
15															
16	"	3960		90-48-12				8.0		-63.5		1582 ¹		363	TP 2
17															
18															
19															
20															

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2nd _____

STADIA SURVEY NOTES

AREA HOWARD PASS/POVAKRAT MTN STATE or PROVINCE ALASKA PAGE No. 28
 LINE No.(s) R-2-A PARTY No. 1184 DATE 31 Day 3 Mo. 78 Yr. BOOK No. _____
 SURVEYOR W.D. HELANDER RODMAN D. JENSEN WEATHER: CLEAR CALM, -40° P.T.S. No. _____

LINE	Bearing of Sight	Stadia Distance	BEAMAN OR VERNIER			ROD READING			Angular Elev. Diff.	Final Elev. Diff.	ELEVATIONS		A.B.S. OF S. - S.S.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion			Center Hair	INST.			
1															
2				<u>TAKE OFF</u>		<u>TP-2</u>	<u>SP</u>	<u>363</u>	<u>ELEV</u>		<u>1583¹</u>				<u>REFERTO Pg 1 LN-13</u>
3															
4		<u>0</u>						<u>HI</u>	<u>6.5</u>		<u>1589⁶</u>	<u>Δ</u>	<u>363</u>		
5															
6	<u>S</u>	<u>440</u>		<u>92-51-37</u>					<u>4.0</u>	<u>-26.0</u>	<u>1563⁶</u>	<u>-</u>	<u>364</u>		
7	<u>"</u>	<u>880</u>		<u>93-07-00</u>					<u>8.0</u>	<u>-55.8</u>	<u>1533⁸</u>	<u>-</u>	<u>365</u>		
8	<u>"</u>	<u>1320</u>		<u>93-13-10</u>					<u>8.0</u>	<u>-82.1</u>	<u>1507⁵</u>	<u>-</u>	<u>366</u>		
9	<u>"</u>	<u>1760</u>		<u>93-02-07</u>					<u>8.0</u>	<u>-101.2</u>	<u>1488⁴</u>	<u>-</u>	<u>367</u>		
10	<u>"</u>	<u>2200</u>		<u>92-31-47</u>					<u>8.0</u>	<u>-105.1</u>	<u>1484⁵</u>	<u>-</u>	<u>368</u>		
11	<u>"</u>	<u>2640</u>		<u>92-15-22</u>					<u>8.0</u>	<u>-111.9</u>	<u>1477⁷</u>	<u>-</u>	<u>369</u>		
12	<u>"</u>	<u>3080</u>		<u>92-07-50</u>					<u>8.0</u>	<u>-122.5</u>	<u>1467¹</u>	<u>-</u>	<u>370</u>		
13	<u>"</u>	<u>3520</u>		<u>91-56-11</u>					<u>8.0</u>	<u>-126.9</u>	<u>1462²</u>	<u>-</u>	<u>371</u>		
14	<u>"</u>	<u>3960</u>		<u>91-46-08</u>					<u>8.0</u>	<u>-130.2</u>	<u>1459⁴</u>	<u>-</u>	<u>372</u>		
15	<u>"</u>	<u>4400</u>		<u>91-37-11</u>					<u>8.0</u>	<u>-132.4</u>	<u>1457³</u>	<u>-</u>	<u>373</u>		
16	<u>"</u>	<u>4840</u>		<u>91-30-05</u>					<u>8.0</u>	<u>-134.8</u>	<u>1454⁸</u>	<u>-</u>	<u>374</u>		
17	<u>"</u>	<u>5280</u>		<u>91-24-13</u>					<u>8.0</u>	<u>-137.3</u>	<u>1452²</u>	<u>-</u>	<u>375</u>		
18	<u>"</u>	<u>5720</u>		<u>91-19-16</u>					<u>8.0</u>	<u>-139.9</u>	<u>1449⁷</u>	<u>-</u>	<u>376</u>		
19	<u>"</u>	<u>6160</u>		<u>91-13-40</u>					<u>8.0</u>	<u>-140.6</u>	<u>1449⁶</u>	<u>-</u>	<u>377</u>		
20	<u>"</u>	<u>6600</u>		<u>91-09-30</u>					<u>8.0</u>	<u>-141.4</u>	<u>1448²</u>	<u>-</u>	<u>378</u>		

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STADIA SURVEY NOTES

AREA HOWARD PASS/POVAKRAT MTN STATE or PROVINCE Alaska PAGE No. 29
 LINE No.(s) R-2-A PARTY No. 1184 DATE 31 Day 3 Mo. 78 Yr. BOOK No. _____
 SURVEYOR W.D. HELANDER RODMAN D. Jensen WEATHER: Clear 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.	Station	REMARKS
			Level	Inclined	Angle or Factor	Hair Read	Reading	Correc-tion	Center Hair			INST.	ROD			
1												1589 ⁶				
2	S	7040		91-05	33			8.0		-142.2		1447 ⁴	-	379		
3	"	7480		91-02	07			8.0		-143.1		1446 ^E	-	380		
4	"	7920		90-57	57			8.0		-141.5		1448 ^L	-	381		
5	"	8360		90-51	46			8.0		-133.9		1455 ^L	-	382		
6	"	8800		90-50	57			8.0		-138.4		1451 ^L	-	383		
7	"	9240		90-50	47			8.0		-144.5		1445 ^L	-	384		
8	"	9680		90-50	20			8.0		-149.7		1439 ^L	-	385		
9																
10																
11				TAKE OFF E.O.L. SP 405 -				ELEV				1429 ⁶				REFER TO PG. 1 LN-20
12																
13		0						HI 6.5		+6.5		1436 ^L	Δ	405-E.O.L.		
14																
15	N	8360		89-56	00			8.0		+1.7		1437 ^E	-	386		
16	"	7920		89-56	50			8.0		-0.7		1435 ^L	-	387		
17	"	7480		89-58	30			8.0		-4.7		1431 ^L	-	388		
18	"	7040		89-59	50			8.0		-7.7		1428 ^L	-	389		
19	"	6600		90-01	40			8.0		-11.2		1424 ^L	-	390		
20	"	6160		90-04	30			8.0		-16.1		1420 ^E	-	391		

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STADIA SURVEY NOTES

AREA HOWARD PASS/TUKOTO CREEK STATE or PROVINCE ALASKA PAGE No. 30
 LINE No.(s) R-2-A PARTY No. 1184 DATE 31 Day 3 Mo. 78 Yr. BOOK No. _____
 SURVEYOR W.D. HELANDER RODMAN D. JENSEN WEATHER: CLEAR, CALM, -40° 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												1436 ^L				
2																
3	N	5720		90-09-20				8.0		-23.5		1412 ^L	-	392		
4	"	5280		90-14-00				8.0		-29.5		1406 ^L	-	393		
5	"	4840		90-29-52				8.0		-50.0		1386 ^L	-	394		LOW POINT - CREEK
6	"	4400		90-30-52				8.0		-47.5		1388 ^L	-	395		
7	"	3960		90-30-40				8.0		-43.3		1392 ^L	-	396		
8	"	3520		90-35-53				8.0		-44.7		1391 ^L	-	397		
9	"	3080		90-40-30				8.0		-44.3		1391 ^L	-	398		
10	"	2640		90-42-27				8.0		-40.6		1395 ^L	-	399		
11	"	2200		90-41-30				8.0		-34.6		1401 ^L	-	400		
12	"	1760		90-47-53				8.0		-32.5		1403 ^L	-	401		
13	"	1320		90-43-27				8.0		-24.7		1411 ^L	-	402		
14	"	880		90-36-40				4.0		-13.4		1422 ^L	-	403		
15	"	440		90-31-55				4.0		-8.1		1428 ^L	-	404		
16																
17												1429 ^L		405		
18																
19																
20																

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