

STADIA SURVEY NOTES

AREA LOOKOUT RIDGE STATE or PROVINCE ALK. PAGE No. 1
 LINE No.(s) 54 PARTY No. 186 DATE 31 Day 3 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN J. T. WEATHER: CLOUDY 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 | Correction | | | Center Hair | INST. | | | |
| 1 | | | | | | | | | | | 184.1 | 0 | EP. | 249ap. T.S. | |
| 2 | | | | | | | | | | | | | | | |
| 3 | S. | 1320 | | 91-40 | 2.91 | | | +38.4 | +50.6' | 234.7 | | A | | | |
| 4 | | 0 | - | | | | | | 3.3 | | 229.4 | | 9RP. | | |
| 5 | N | 1320 | | 88-30 | 2.62 | | | 37.6 | 260 | | 240.7 | 0 | 9RP. | | |
| 6 | | 1650 | - | | | | | | +12.3 | 273.0 | | A | | | |
| 7 | S. | 660 | - | | | | | | 6.8 | | 266.2 | | 9RP. | | |
| 8 | | 0 | - | | | | | | 5.3 | | 267.7 | | 9RP. | | |
| 9 | N | 990 | - | | | | | | 7.5 | | 265.5 | | 9RP. | | |
| 10 | | | - | | | | | | 10.9 | | 262.1 | 0 | 174 | CAS. SP. | |
| 11 | | | | | | | | | | | | | | SOUTH | |
| 12 | | 1320 | - | | | | | | +8.0 | 270.2 | | A | | | |
| 13 | S. | 1320 | | 270-10 | .29 | | | -3.8 | +8.1 | | | | CK | | |
| 14 | | 0 | - | | | | | | 5.3 | | 244.9 | | 175 | | |
| 15 | N | 1320 | - | | | | | | 9.3 | | 260.9 | | 174 | | |
| 16 | | 2640 | - | | | | | | 9.0 | | 261.2 | 0 | 173. | | |
| 17 | | ✓ | | 270-05 | .05 | | | +4.0 | 9.0 | | | | CK | | |
| 18 | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | |

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALX. PAGE No. 4
 LINE No.(s) 54. PARTY No. 186 DATE 1 Day APR. Mo. 75. Yr. BOOK No. _____
 SURVEYOR L. LITMAN. RODMAN G. C. WEATHER: MILD 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 | | | | | | | | | | | | 203.3 | 0 | 127 | |
| 2 | | | | | | | | | | | | | | | |
| 3 | | 1310 | | 87-30 | .87 | | | 4.6 | 11.4 | 6.8 | 136.4 | | | | Δ |
| 4 | A. | ✓ | | 270-40 | 1.16 | | | 8.3 | 15.2 | 6.9 | | | | | ck. |
| 5 | | 0 | - | | | | | 6.0 | | 6.0 | 190.4 | | | 2 | $\frac{54}{57}$ 920. |
| 6 | | | | | | | | | | | | | | | |
| 7 | W | 655 | - | | | | | 7.5 | ✓ | -4.5 | 191.9 | | | 517.60 | on 59. |
| 8 | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | |
| 10 | S. | 10 | - | | | | | 6.2 | | 6.2 | 190.2 | | | 128 | |
| 11 | | 1330 | - | | | | | 12.2 | | 72.2 | 184.2 | | | 129 | |
| 12 | | 2650 | - | | | | | 11.1 | ✓ | 11.1 | 185.3 | | 0 | 130 | |
| 13 | | ✓ | | 267-50 | .29 | | | 3.4 | 7.7 | 11.1 | | | | | ck. |
| 14 | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | |

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALK. PAGE No. 3
 LINE No.(s) 63 / 54. PARTY No. 186. DATE 31. Day 3. Mo. 75. Yr. BOOK No. _____
 SURVEYOR L. LYMAN. RODMAN T.T. WEATHER: CCLOUDY. 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 | Correction | Center Hair | | | INST. | ROD | | | |
| 1 | | | | | | | | | | | | 227.0 | 0 | SP. 404 | LINE 63 | |
| 2 | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | |
| 4 | | 825 | | 90-40 | 1/16 | | | | 9.1 | +9.6 ✓ | +18.7 +18.7 ✓ | 245.7 | | | | |
| 5 | E. | ✓ | | 267-30 | .87 | | | | 11.5 | +7.2 ✓ | +18.7 ✓ | | | CK | | |
| 6 | | | | | | | | | | | | | | | | |
| 7 | | 0 | - | | | | | | 5.5 ✓ | | | 240.2 | 0 | 4 | 63 I.P. 54. | |
| 8 | | | | | | | | | | | | | | | | |
| 9 | | | | | | | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | |

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*refer page 55 Line 63

STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALB. PAGE No. 2
 LINE No.(s) 54. PARTY No. 186 DATE 31 Day 3 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN T.T. WEATHER: CLOUDY 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 | Correction | Center Hair | | | INST. | ROD | | | |
| 1 | | | | | | | | | | | | | | | | |
| 2 | | 2640 | | 90-10 | .29 | | | | 8.6 | +2.7 | 116.3 | 277.6 | 261.2 | 0 | 173 | ✓ |
| 3 | | ✓ | | 269-58 | .06 | | | | 14.7 | +1.6 | 116.5 | | | CK | | |
| 4 | S. | 1320 | - | | | | | | 11.7 | | 116.7 | | 265.9 | | 172 | |
| 5 | | 0 | - | | | | | | 5.3 | | 116.3 | | 272.3 | | 171 | |
| 6 | N. | 1320 | | +112 | | | | | 7.3 | +6.6 | 116.7 | | 276.9 | | 170 | |
| 7 | | 2640 | | 29-30 | .87 | | | | 9.1 | +2.0 | 113.9 | | 291.4 | 0 | 169 | ✓ |
| 8 | | ✓ | | 170-35 | 1.02 | | | | 17.2 | +2.9 | 113.7 | | | CK | | ✓ |
| 9 | | 1920 | - | | | | | | 8.7 | | 113.7 | 320.1 | | 0 | | ✓ |
| 10 | S. | ✓ | | 170-10 | .29 | | | | 12.5 | -3.8 | 113.7 | | | CK | | ✓ |
| 11 | | 0 | - | | | | | | 5.3 | | 113.3 | | 294.8 | | 118 | |
| 12 | N | 1320 | | 90-20 | .58 | | | | 10.8 | 9.7 | 113.5 | | 281.6 | 0 | 117 | ✓ |
| 13 | | ✓ | | 269-50 | .29 | | | | 14.7 | 3.8 | 113.5 | | | CK | | ✓ |
| 14 | | 1920 | | 28-30 | 2.62 | | | | 6.0 | +3.6 | 113.6 | 253.0 | | 0 | | ✓ |
| 15 | S. | ✓ | | 271-40 | 2.91 | | | | 9.8 | +3.4 | 113.4 | | | CK | | ✓ |
| 16 | | 0 | - | | | | | | 5.3 | | 113.3 | | 247.7 | | 166 | |
| 17 | N | 1320 | - | | | | | | 11.8 | | 113.7 | | 241.2 | | 115 | |
| 18 | | 2640 | - | | | | | | 12.8 | | 112.8 | | 240.2 | 0 | 114 | ✓ |
| 19 | | ✓ | | 269-50 | .29 | | | | 5.2 | 9.7 | 112.9 | | | CK | | ✓ |
| 20 | | | | | | | | | | | | | | | | ✓ |

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STADIA SURVEY NOTES

AREA LOOKOUT RIDGE STATE or PROVINCE ALK. PAGE No. 5
 LINE No.(s) 54. PARTY No. 126 DATE 1. Day 4. Mo. 75. Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN G. C. WEATHER: COLO. 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 | | | | | | | | | | | 185.3 | 0 | 130. | | |
| 2 | | 1940 | - | | | | | 5.0 ✓ | +5.0 ✓ | 150.4 ✓ | | Δ | | | |
| 3 | | ✓ | | 270-10 | .29 | | | +10.8 ✓ | +3.6 ✓ | 5.2 ✓ | | ck | | | |
| 4 | N | 120 | | 268-00 | 3.49 | | | 11.2 | 21.6 | 32.8 | 157.6 | | 131. | | |
| 5 | | 0 | - | | | | | 5.3 | | 3.3 | 185.1 | | - | | |
| 6 | S. | 190 | | 91-30 | 2.62 | | | 11.0 | 18.1 | 29.1 | 161.3 | | 132. | | |
| 7 | | 2010 | | 91-10 | 2.04 | | | 10.1 ✓ | 41.0 ✓ | 51.0 ✓ | 139.3 | 0 | 133. | | |
| 8 | | ✓ | | 268-40 | 2.33 | | | 4.4 | 26.8 ✓ | 31.2 ✓ | | ck | | | |
| 9 | | 2800 | | 91-00 | 1.74 | | | 9.0 | +48.7 ✓ | 57.7 ✓ | 197.1 | Δ | | | |
| 10 | | ✓ | | 77-05 | 1.60 | | | 13.1 | +44.8 ✓ | 57.9 ✓ | | ck | | | |
| 11 | | 1485. | | 269-05 | 1.74 | | | 9.9 | 25.8 | 35.7 | 161.4 | | 134. | | |
| 12 | N. | 115 | | 268-09 | 3.23 | | | 3.1 | 3.3 | 3.4 | 183.7 | | 135. | | |
| 13 | | 0 | - | | | | | 5.2 | | 3.2 | 191.9 | | - | | |
| 14 | S. | 1155 | | 89-30 | .87 | | | 5.7 | 10.4 ✓ | 16.1 ✓ | 201.5 | | 136. | | |
| 15 | | 2475 | | 89-30 | .87 | | | 5.8 | 21.5 ✓ | 15.7 ✓ | 212.8 | 0 | 137. | | |
| 16 | | ✓ | | 220-40 | 1.16 | | | 13.1 | 28.7 ✓ | 15.6 ✓ | | ck | | | |
| 17 | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | |
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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALK. PAGE No. 6
 LINE No.(s) 54 PARTY No. 186 DATE 1 Day 4 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN G. CONRAD WEATHER: COLD 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. | | | |
| 1 | | | | | | | | | | | 212.8 | 3 | 177 | | |
| 2 | | 2805 | - | | | | | 10.6 | 10.6 | 223.4 | | Δ | | | |
| 3 | | ✓ | | 269-50 | .29 | | | 7.4 | 8.1 282 | 10.5 10.6 | | CK | | | |
| 4 | | 1485 | - | | | | | 7.5 | | 7.5 | 215.9 | | 132 | | |
| 5 | N | 115 | - | | | | | 6.7 | | 6.7 | 216.7 | | 139 | | |
| 6 | | 0 | - | | | | | 5.3 | | | | | | | |
| 7 | S | 1155 | - | | | | | 11.8 | | 11.8 | 211.6 | | 140 | | |
| 8 | | 2475 | | +1/2 | | | | 17.0 | 12.4 ✓ | 0.6 0.6 ✓ | 222.8 | Q | 141 | | |
| 9 | | ✓ | | 270-10 | .29 | | | 7.9 | 7.2 ✓ | 0.7 | | CK | | | |
| 10 | | 2140 | | 89-50 | .29 | | | 7.5 | 7.2 ✓ | 7.3 ✓ | 224.1 | | Δ | | |
| 11 | | ✓ | | 270-20 | .58 | | | 12.8 | 12.4 ✓ | 11.4 1.3 ✓ | | CK | | | |
| 12 | N | 825 | | +1/2 | | | | 4.7 | 4.1 | 0.6 | 223.5 | | 142 | | |
| 13 | | 0 | - | | | | | 5.3 | | | | | | | |
| 14 | S | 495 | | -1/2 | | | | 14.7 | 2.5 | 17.2 | 200.9 | | 142 | | |
| 15 | | 1110 | | 91-10 | 2.04 | | | 11.4 | 22.6 ✓ | 34.2 ✓ | 189.9 | RO | | 54 I.P. AT. | |
| 16 | | ✓ | | 268-40 | 2.33 | | | 5.4 | 25.9 2.8 ✓ | 34.3 3.4 ✓ | | CK | | 62 E. | |
| 17 | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | |
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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALK. PAGE No. 7
 LINE No.(s) 54 PARTY No. 186 DATE 1 Day 4 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN G. C. WEATHER: c a o. 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. | ROD | | |
| 1 | | | | | | | | | | | | | | | 54 |
| 2 | | 1880 | | 90-30 | .87 | | | | 14.8 | +16.4 | 31.2 | 221.0 | | Δ | 62 I.P. |
| 3 | | ✓ | | 269-20 | 1.16 | | | | 7.2 | 21.8 | 29.0 | | | ck. | |
| 4 | N | 1155 | | 268-10 | 3.20 | | | | 10.6 | 37.0 | 47.6 | 166.2 | | 144. | +7.2 Boost. |
| 5 | | 0 | - | | | | | | 5.3 | | 5.3 | | | | |
| 6 | S. | 165 | - | | | | | | 5.0 | | 5.0 | 216.0 | | 145. | |
| 7 | | 1485 | | 90-50 | 1.45 | | | | 14.9 | 21.5 | 36.4 | 177.0 | | 146. | +7.6 Boost. |
| 8 | | 2805 | | +1/2 | | | | | 13.9 | +24.0 | 37.9 | 221.1 | | 0 | 147. |
| 9 | | ✓ | | 270-10 | .29 | | | | 7.7 | +8.1 | 15.8 | | | ck. | |
| 10 | | 1320 | - | | | | | | 13.2 | | +13.2 | 234.2 | | Δ | |
| 11 | N. | ✓ | | 267-50 | .29 | | | | 9.1 | +3.8 | 12.9 | | | ck. | |
| 12 | | 0 | - | | | | | | 5.2 | | 5.2 | 229.0 | | 148. | |
| 13 | S. | 1320 | | 90-30 | .87 | | | | 6.0 | 11.5 | 17.5 | 216.7 | | 149. | +50.149.149 |
| 14 | | 1815 | | 90-30 | .87 | | | | 7.2 | 15.8 | 23.0 | 211.1 | | 0 | |
| 15 | | ✓ | | 269-40 | .58 | | | | 12.7 | 10.5 | 23.2 | | | ck. | |
| 16 | | 495 | - | | | | | | 12.2 | | | | | | |
| 17 | | 0 | - | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | |

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALK. PAGE No. 8
 LINE No.(s) 54 PARTY No. 186 DATE 1 Day 4 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. LITMAN RODMAN G.C. WEATHER: COLO. 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 | Correction | Center Hair | | | INST. | ROD | | | | |
| 1 | | | | | | | | | | | | 211.1 | 0 | | | | |
| 2 | | 2310 | | 89-00 | 1.74 | | | | 2.2 | 70.2 | 37.6 | 173.4 | | Δ | | | |
| 3 | | ✓ | | 271-10 | 2.04 | | | | 9.3 | 77.0 | 37.8 | | | CK | | | |
| 4 | | 1485 | | 270-30 | .87 | | | | 6.7 | 72.9 | 76.2 | 179.6 | | MSD | OK | 151. | |
| 5 | N. | 165 | - | | | | | | 11.8 | | 71.8 | 161.6 | | MSD | 151. | 150 ✓ | |
| 6 | | 0 | - | | | | | | 5.3 | | 5.3 | | | | | | |
| 7 | S. | 1155 | | 90-45 | 1.31 | | | | 14.0 | 75.1 | 29.1 | 144.3 | | MSD | 152. | 152 ✓ | |
| 8 | | 2475 | - | | | | | | 8.7 | | 8.7 | 164.7 | | MSD | 153. | 153 ✓ | |
| 9 | | ✓ | | 270-07 | .21 | | | | 13.2 | 51.5 | 8.6 | | | CK | | | |
| 10 | | 1815 | | -1/2 | | | | | 10.4 | 79.1 | 79.5 | 184.2 | | Δ | | | |
| 11 | | ✓ | | 267-40 | .58 | | | | 9.0 | 70.5 | 79.5 | | | CK | | | |
| 12 | N. | 495 | - | | | | | | 12.7 | | 70.7 | 171.5 | | MSD | SP. 154. | 154 | |
| 13 | | 0 | - | | | | | | 5.3 | | 5.3 | | | | | | |
| 14 | S. | 825 | - | | | | | | 11.1 | | 71.1 | 173.1 | | MSD | SP. 155 | 155 | |
| 15 | | 2440 | | 88-20 | 2.91 | | | | 8.6 | 62.3 | 53.7 | 237.8 | | 0 | MSD | 156. | 156 |
| 16 | | ✓ | | 271-42 | 3.08 | | | | 12.4 | 65.9 | 53.5 | | | CK | | | |
| 17 | | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | | |
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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE _____ ALK. PAGE No. 9
 LINE No.(s) 54. PARTY No. 186. DATE 1. Day 4. Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. LYMAN. RODMAN G. C. WEATHER: COLD. 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. | ROD | | |
| 1 | | | | | | | | | | | | 237.8 | 0 | 156. | SP. 156. |
| 2 | | 2475 | | -1/2 | | | | | 14.7 | 72.4 ✓ | +27.1968 | 264.6 | | | Δ |
| 3 | | ✓ | | 269-30 | .87 | | | | 5.0 | 21.5 ✓ | 26.5 | | | | CK |
| 4 | N. | 1155 | | -1/2 | | | | | 13.3 | 5.8 | 79.1 | 245.5 | | 157 | 157 |
| 5 | | 0 | - | | | | | | 5.3 | | 5.3 | | | | |
| 6 | S. | 165 | - | | | | | | 2.7 | | 8.7 | 265.9 | | 158. | 158. |
| 7 | | 1485 | | 89-30 | .87 | | | | 7.4 | 72.9 ✓ | 15.5 | 270.1 | 0 | 159. | SP. 159. |
| 8 | | ✓ | | 270-40 | 1.16 | | | | 17.7 | 72.2 ✓ | 8.5 | | | | CK |
| 9 | | 2640 | | +1/2 | | | | | 11.6 | 73.2 ✓ | 7.6 | 268.5 | | | Δ |
| 10 | | ✓ | | 270-10 | .29 | | | | 6.0 | 7.7 ✓ | 7.6 | | | | CK |
| 11 | N | 1320 | - | | | | | | 5.3 | | 5.3 | 263.2 | | 160. | 160 |
| 12 | | 0 | - | | | | | | 5.3 | | 5.3 | 263.2 | | 161. | 161 |
| 13 | S- | 1320 | - | | | | | | 7.2 | | 7.2 | 259.3 | | 162. | SP. 162. |
| 14 | | 2640 | | 90-10 | .29 | | | | 13.5 | 7.7 ✓ | 21.2 | 247.4 | 0 | 163. | SP. 163. |
| 15 | | ✓ | | 269-52 | .23 | | | | 14.9 | 6.1 ✓ | 21.0 | | | | CK |
| 16 | | 495 | - | | | | | | 8.0 | | 28.0 | 255.4 | | | Δ |
| 17 | N | ✓ | | 270-10 | .29 | | | | 7.5 | 7.4 ✓ | 78.1 | | | | CK |
| 18 | | 0 | - | | | | | | 5.3 | | | | | | |
| 19 | S | 825 | | -1/2 | | | | | 12.0 | 7.1 ✓ | 76.1 | 239.3 | 0 | 164. | 1/63 I.P. |
| 20 | | ✓ | | 269-30 | .87 | | | | 9.0 | 7.2 ✓ | 76.2 | | | | 2/54 |

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Fe: 240.2
0.9
 refer page 55 line 68
 2nd

STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALV. PAGE No. 10.
 LINE No.(s) 54. PARTY No. 186 DATE 2 Day 4 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN J.T. 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 | Correction | Center Hair | | | INST. | ROD | | |
| 1 | | | | | | | | | | | | 200.4 | 0 | 119 | |
| 2 | | | | | | | | | | | | | | | |
| 3 | | 1815 | | 89-40 | 0.58 | | | | 8.0 | 10.5 | 2.5 | 177.9 | | | Δ |
| 4 | | ✓ | | 270-30 | 0.87 | | | | 12.3 | 15.2 | 2.5 | | | | OK |
| 5 | N | 495 | | +1/2 | | | | | 7.3 | +2.5 | 0.8 | 197.1 | | H3 | 115 |
| 6 | | 0 | | - | | | | | 5.3 | | | 192.6 | | - | |
| 7 | S | 225 | | - | | | | | 9.5 | | | 188.4 | | H2 | 114 |
| 8 | | 2140 | | - | | | | | 11.3 | | 11.3 | 186.6 | 0 | | 117 |
| 9 | | ✓ | | 249-50 | 0.29 | | | | 5.2 | 6.2 | 11.4 | | | | OK |
| 10 | | 1320 | | - | | | | | 6.0 | | 6.0 | 192.6 | | | Δ |
| 11 | N | ✓ | | 270-20 | 0.58 | | | | 13.7 | 7.7 | 6.0 | | | | OK |
| 12 | | 0 | | - | | | | | 5.3 | | 5.3 | 187.3 | | | 118 |
| 13 | S | 1320 | | 72-00 | 3.49 | | | | 12.4 | 76.1 | 58.5 | 134.1 | | | 119 |
| 14 | | 2640 | | 90-30 | 0.87 | | | | 12.4 | 23.0 | 35.4 | 157.2 | 0 | | 120 ✓ |
| 15 | | ✓ | | 219-20 | 1.16 | | | | 4.7 | 30.6 | 35.3 | | | | OK |
| 16 | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | |

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CHECKED BY 1st R. D. D.

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALK. PAGE No. 11.
 LINE No.(s) 54. PARTY No. 126. DATE 2 Day 4 Mo. 75 - Yr. BOOK No. _____
 SURVEYOR L. LIMAN RODMAN TROUPE. 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 | Correction | Center Hair | | | INST. | ROD | | |
| 1 | | | | | | | | | | | | 157.2 | o | 120 | |
| 2 | | 2640 | | +1/2 | | | | 11.7 | 17.2 | 1.5 | 155.7 | | Δ | | |
| 3 | | ✓ | | 270-10 | 0.29 | | | 8.3 | 7.7 | 1.4 | | | ck | | |
| 4 | N | 1320 | | 268-50 | 2.04 | | | 13.5 | 26.9 | 40.4 | | 115.3 | | 121 | CREEK 250' S. |
| 5 | | o | | - | | | | 5.7 | | 5.3 | | 150.4 | | 122 | |
| 6 | S. | 1320 | | 80-25 | 2.76 | | | 13.9 | 31.9 | 22.5 | | 178.2 | o | 123 | |
| 7 | | ✓ | | 271-28 | 2.85 | | | 13.0 | 37.6 | 22.6 | | | | ck | |
| 8 | | 1320 | | 70-42 | 1.22 | | | 14.4 | 16.1 | 30.5 | 208.7 | | Δ | | |
| 9 | N | ✓ | | 269-16 | 1.28 | | | 13.1 | 16.9 | 20.5 | | | | ck | |
| 10 | | o | | - | | | | 5.8 | | 5.3 | | 203.4 | | 124 | |
| 11 | S. | 1320 | | - | | | | 6.7 | | 6.7 | | 202.0 | | 125 | |
| 12 | | 2640 | | - | | | | 3.7 | | 3.7 | | 204.7 | o | 126 | |
| 13 | | ✓ | | 270-10 | 0.29 | | | 12.1 | 27.7 | 4.0 | | | | ck | |
| 14 | | 825 | | - | | | | 8.4 | | 8.4 | 213.1 | | Δ | | |
| 15 | N | ✓ | | 270-20 | 0.58 | | | 13.1 | 4.8 | 8.9 | | | | ck | |
| 16 | | o | | - | | | | 5.3 | | 5.3 | | | | - | |
| 17 | S. | 495 | | - | | | | 7.8 | | 7.8 | | 203.3 | o | 127 | |
| 18 | | ✓ | | 269-20 | 1.16 | | | 4.1 | 5.7 | 9.8 | | | | ck | |
| 19 | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | |

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALB. PAGE No. 12
 LINE No. (s) 54 PARTY No. 186 DATE 3 Day 4 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN T. T. WEATHER: WINDY 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. | ROD | | |
| 1 | | | | | | | | | | | | 149.4 | 0 | 92 | |
| 2 | | 1320 | - | | | | | | | | 155.4 | | Δ | | |
| 3 | X | ✓ | | 270-20 | .58 | | | | 3.7 | 161.60 | | | CK | | |
| 4 | | 0 | - | | | | | | | 3.2 | | 150.2 | | 93 | |
| 5 | S. | 1320 | - | | | | | | | 5.9 | | 145.5 | | 94 | |
| 6 | | 2640 | | +1/2 | | | | | 13.2 | 146.1 | | 159.4 | 0 | 95 | |
| 7 | | ✓ | | 270-20 | .58 | | | | 11.5 | 153.3 | | | CK | | |
| 8 | | 1320 | | -1/2 | | | | | 7.8 | 166.6 | | 175.8 | Δ | | |
| 9 | N | ✓ | | 269-50 | .29 | | | | 12.5 | 3.8 | 163.164 | | CK | | |
| 10 | | 0 | - | | | | | | | 5.3 | | 170.5 | | 96 | |
| 11 | S. | 1320 | - | | | | | | | 9.7 | | 166.5 | 0 | 97 | |
| 12 | | ✓ | | 270-10 | .29 | | | | 17.2 | 3.8 | 9.4 | | CK | | |
| 13 | | 2640 | | 89-20 | .116 | | | | 5.3 | 30.6 | 25.3 | | Δ | | |
| 14 | | ✓ | | 270-50 | 1.45 | | | | 12.0 | 38.3 | 25.3 | 141.2 | ✓ | | |
| 15 | N | 1320 | | +1/2 | | | | | 7.5 | 6.6 | 0.9 | | | 98 | Rough TERRAIN. |
| 16 | | 0 | - | | | | | | | 5.3 | | 135.9 | | 99 | |
| 17 | S. | 1320 | | 88-40 | 2.38 | | | | 11.5 | 30.8 | 19.3 | 160.4 | 0 | 100 | |
| 18 | | ✓ | | 271-27 | 2.53 | | | | 74.3 | 33.4 | 19.1 | | CK | | |
| 19 | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | |

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALK. PAGE No. 13
 LINE No.(s) 54. PARTY No. 186. DATE 3. Day 4 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. LYMAN. RODMAN T.T. WEATHER: WINDY. 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 | Correction | Center Hair | | | INST. | ROD | | | |
| 1 | | | | | | | | | | | | 160.4 | 0 | 105 | | |
| 2 | | 2640 | - | | | | | 8.5 | | +25.5 | | 168.9 | Δ | | | |
| 3 | | ✓ | | 270-08 | .23 | | | 14.5 | 6.1 | 24.5 | | | ck. | | | |
| 4 | N | 1320 | - | | | | | 13.3 | | 13.3 | | 155.6 | | 101. | | |
| 5 | | 0 | ✓ | | | | | 5.3 | | 5.3 | | 163.6 | | 102. | | |
| 6 | S. | 1320 | | +1/2 | | | | 9.6 | +6.6 | 3.0 | | 165.9 | | 103. | | |
| 7 | | 2640 | | 29-40 | .58 | | | 11.5 | +153.64 | +3.8 | | 172.7 | 0 | 104. | | |
| 8 | | ✓ | | 270-24 | .70 | | | 14.8 | +195.78 | +3.76 | | | ck. | | | |
| 9 | | 2640 | - | | | | | 5.1 | | 72.1 | | 189.8 | ✓ | Δ | | |
| 10 | | ✓ | | 269-50 | .29 | | | 4.4 | +27 | 121 | | | ck. | | | |
| 11 | N | 1320 | - | | | | | 7.4 | | 5.4 | | 175.4 | | 105. | | |
| 12 | | 0 | . | | | | | 5.3 | | 5.3 | | 179.5 | | 106. | | |
| 13 | S. | 1320 | | +1/2 | | | | 8.1 | +6.6 | 7.5 | | 188.3 | | 107. | | |
| 14 | | 2640 | | 89-30 | .87 | | | 12.6 | +23.0 | +10.4 | | 195.1 | 0 | 108. | | |
| 15 | | ✓ | | 270-20 | .58 | | | 5.1 | +153.4 | 10.2 | | | ck. | | | |
| 16 | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | |

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALK. PAGE No. 14
 LINE No.(s) 54. PARTY No. 185 DATE 3. Day 4. Mo. 75. Yr. BOOK No. _____
 SURVEYOR L. LYMAN. RODMAN J. T. WEATHER: WINDY. 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 | | | | | | | | | | | | 195.1 | 0 | 108. | | |
| 2 | | 1810 | - | | | | | | | | 13.1 | 208.2 | A | | | |
| 3 | | ✓ | | 269.50 | .29 | | | | 5.2 | 130.1 | | | ck | | | |
| 4 | N | 495 | - | | | | | | 6.0 | 6.0 | | 202.2 | | 109. | | |
| 5 | | 2 | - | | | | | | 5.2 | 5.2 | | | | | | |
| 6 | S. | 825 | | 90.30 | .87 | | | | 14.0 | 7.2 | | 187.0 | | 110 | | |
| 7 | | 1150 | | 90.40 | 1.16 | | | | 13.0 | 19.1 18.0 | | 176.1 | 0 | | | |
| 8 | | ✓ | | 269.10 | 1.45 | | | | 8.2 | 34.0 | | | ck | | | |
| 9 | | 3135 | | -1/2 | | | | | 7.8 | 15.7 | | 194.6 | | | | |
| 10 | | ✓ | | 269.50 | .29 | | | | 9.4 | 9.1 | | | ck | | | |
| 11 | | 2140 | | 269.28 | .73 | | | | 14.0 | 24.6 | | 156.0 | | 111. | | |
| 12 | N | 1320 | | -1/2 | | | | | 10.3 | 6.6 | | 177.7 | | 112. | | |
| 13 | | 0 | - | | | | | | 5.3 | 14 | | 189.3 | | 113. | | |
| 14 | S- | 1320 | | 89.20 | 1.16 | | | | 7.5 | 15.3 | | 200.4 | 0 | 114. | | |
| 15 | | ✓ | | 270.50 | 1.65 | | | | 17.4 | 19.1 19.0 | | | ck | | | |
| 16 | | | | | | | | | | | | | | | RE: PAGE 10. | |
| 17 | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | |

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALV. PAGE No. 15
 LINE No.(s) 54 PARTY No. 186 DATE 5 Day 4 Mo. 75 Yr. BOOK No. _____
 SURVEYOR L. LYMAN RODMAN T. T. WEATHER: BLUING SNOW 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. | ROD | | |
| 1 | | | | | | | | | | | | 129.1 | 0 | 54 | 54 - 80 |
| 2 | | | | | | | | | | | | | | 60 | 60 - 6 |
| 3 | | | | | | | | | | | | | | | I.P. 900. E.V. |
| 4 | | 1650 | - | | | | | 13.5 | | +13.57 | 142.6 | | Δ | | |
| 5 | | ✓ | | 249-50 | .29 | | | 8.8 | +4.8 | +13.6 | | | CK | | |
| 6 | N | 330 | - | | | | | 11.7 | | 7.7 | 130.9 | | | 81. | |
| 7 | | 0 | - | | | | | 5.3 | | 5.3 | | | | | |
| 8 | S. | 990 | - | | | | | 10.6 | | 70.6 | 132.0 | 0 | | 82 | |
| 9 | | ✓ | | 270-10 | .29 | | | 13.2 | 2.9 | 70.7 | | | CK | | |
| 10 | | 1320 | | +1/2 | | | | 7.1 | 2.6 | +0.58 | 132.5 | | Δ | | |
| 11 | N | ✓ | | 270-30 | .87 | | | 12.1 | 11.5 | 0.6 | | | CK | | |
| 12 | | 0 | - | | | | | 5.3 | | 5.3 | 127.2 | | | 83. | |
| 13 | S. | 1320 | | +1/2 | | | | 11.7 | +6.6 | -5.1 | 127.4 | 0 | | 84. | |
| 14 | | ✓ | | 270-20 | .58 | | | 13.9 | 7.7 | 5.2 | | | CK | | |
| 15 | | 1320 | - | | | | | 7.1 | | +7.1 | 134.5 | | Δ | | |
| 16 | N. | ✓ | | 270-20 | .58 | | | 14.8 | 7.7 | 7.1 | | | CK | | |
| 17 | | 0 | - | | | | | 5.3 | | 5.3 | 129.2 | | | 85. | |
| 18 | S | 1320 | | +1/2 | | | | 11.2 | +6.6 | 7.6 | 129.8 | 0 | | 86 | |
| 19 | | ✓ | | 270-20 | .25 | | | 12.5 | 7.7 | 4.8 | | | CK | | |
| 20 | | | | | | | | | | | | | | | |

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STADIA SURVEY NOTES

AREA _____ STATE or PROVINCE ALK. PAGE No. 16
 LINE No.(s) 54 PARTY No. 186 DATE 5 Day 7 Mo. 75 Yr. BOOK No. _____
 SURVEYOR C. LYMAN RODMAN T.T. WEATHER: BLOWING SNOW P.T.S. No. _____

| STATION | 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. | ROD | | |
| 1 | | | | | | | | | | | | 129.8 | 0 | 86. | |
| 2 | | 1557 | - | | | | | 13.2 | | +13.2 | 143.0 | | | | |
| 3 | | ✓ | | 269-50 | .29 | | | 8.7 | 4.5 | +13.2 | | | | | CK |
| 4 | N | 1720 | - | | | | | 12.6 | | 12.6 | | 130.4 | | 86B | |
| 5 | | 0 | | | | | | 5.3 | | 5.3 | | 137.7 | | 86A | |
| 6 | S | 1320 | | 70-10 | .29 | | | 11.4 | 3.8 | 75.2 | | 127.6 | 0 | 87. | |
| 7 | | ✓ | | 269-57 | .09 | | | 14.3 | 1.2 | 15.5 | | | | | CK |
| 8 | | 1810 | - | | | | | 10.8 | | 70.8 | 138.4 | | | | Δ |
| 9 | | ✓ | | 269-50 | .29 | | | 5.5 | 5.2 | 10.7 | | | | | CK |
| 10 | N | 495 | - | | | | | 10.3 | | 10.3 | | 128.1 | | 88 | |
| 11 | | 0 | | | | | | 5.3 | | | | | | | |
| 12 | S | 825 | - | | | | | 6.9 | | 6.9 | | 131.5 | 0 | 89. | |
| 13 | | ✓ | | 270-10 | .29 | | | 9.4 | 2.4 | 7.0 | | | | | CK |
| 14 | | 1320 | - | | | | | 14.7 | | 14.2 | 145.7 | | | | Δ |
| 15 | N | ✓ | | 269-50 | .29 | | | 10.5 | 3.8 | 14.3 | | | | | CK |
| 16 | | 0 | | | | | | 5.3 | | 5.3 | | 140.4 | | 90 | COAL DEPOSIT. |
| 17 | S | 1320 | | +1/2 | | | | 12.6 | +6.6 | 6.0 | | 139.7 | 0 | 91. | |
| 18 | | ✓ | | 270-23 | .12 .68 | | | 15.0 | +9.0 | 6.0 | | | | | CK |
| 19 | | 1320 | | -1/2 | | | | 8.8 | +6.6 | 15.4 | 155.1 | | | | Δ |
| 20 | N | ✓ | | 269-50 | .29 | | | 11.6 | 3.8 | 15.4 | | | | | CK |

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STADIA SURVEY NOTES

AREA N.P.R.-4 STATE or PROVINCE Alaska PAGE No. 43
 LINE No.(s) 54 PARTY No. 186 DATE 1 Day 5 Mo. 75 Yr. BOOK No. _____
 SURVEYOR D. Young RODMAN Dave WEATHER: White out Poor looking 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 | | | | | | | | | | | | 129.14 | 80 | Int. Top of Pipe | |
| 2 | South | 1320 | | 90-22-48 | | | | 3.7 | +8.8 | +12.5 | 141.6 | | 79 | 3.7 above ground. | |
| 3 | | 0 | | - | | | | 5.4 | | -5.4 | | | 79 | | |
| 4 | | 1320 | | 90-23-58 | | | | 4.0 | | -13.2 | | | 78 | | |
| 5 | North | 2640 | | 90-01-06 | | | | 4.0 | -0.8 | -4.8 | | | 77 | | |
| 6 | | | | | | | | | | | | | | | |
| 7 | South | 1320 | | 90-21-24 | | | | 4.0 | +8.2 | +12.2 | 149.0 | | 76 | | |
| 8 | | 0 | | - | | | | 5.3 | | -5.3 | | | 76 | | |
| 9 | | 1320 | | 90-17-34 | | | | 4.0 | | -10.9 | | | 75 | | |
| 10 | | 2640 | | 90-21-33 | | | | 4.0 | | -20.5 | | | 74 | | |
| 11 | North | 3960 | | 90-17-40 | | | | 5.9 | -20.4 | -26.3 | | | 73 | Target | |
| 12 | | | | | | | | | | | | | | | |
| 13 | South | 5220 | | 90-00-33 | | | | 5.9 | +0.8 | +6.7 | 129.4 | | 72 | | |
| 14 | | 3960 | | 90-02-70 | | | | 4.0 | | -6.9 | | | 72 | | |
| 15 | | 2640 | | 90-05-58 | | | | 4.0 | | -8.6 | | | 71 | | |
| 16 | | 1320 | | 90-12-34 | | | | 4.0 | | -9.2 | | | 70 | | |
| 17 | | 0 | | - | | | | 5.8 | | -5.8 | | | 69 | Target | |
| 18 | | 1320 | | 90-13-00 | | | | 4.0 | | -4.0 | | | 68 | c.s. | |
| 19 | | 2640 | | 90-13-00 | | | | 4.0 | | | | | 67 | | |
| 20 | North | 3960 | | 90-13-10 | | | | 6.0 | -15.2 | -21.1 | | | 66 | Target | |

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STADIA SURVEY NOTES

AREA N.P.R-4 STATE or PROVINCE Alaska PAGE No. 44
 LINE No.(s) 54 PARTY No. 186 DATE 1 Day 5 Mo. 15 Yr. BOOK No. _____
 SURVEYOR D. Young RODMAN 12ave 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 | | | | | | | | | | | | | 108.3 | | | |
| 2 | South | 3760 | | 89-43-35 | | C | | | 6.0 | -18.9 | -12.9 | 95.4 | | A | | |
| 3 | | 2640 | | | | | | | | | | | 101 | | 65 | |
| 4 | | 1320 | | 89-46-05 | | C | | | 4.0 | | +1.3 | | 96.7 | | 64 | |
| 5 | | 0 | | | | | | | 5.4 | | -5.4 | | 90.0 | | 63 | |
| 6 | | 1320 | | 90-03-05 | | C | | | 4.0 | | -5.2 | | 90.2 | | 62 | Ground Elev. 54.58 |
| 7 | | 2640 | | 89-55-05 | | C | | | 4.0 | | -0.2 | | 95.2 | | 61 | in intersects on |
| 8 | North | 3170 | | 89-39-45 | | C | | | 5.8 | +18.7 | +12.9 | | 108.3 | | 60 | Top of Target |
| 9 | | | | | | | | | | | | | | | | Under Top of pipe 2.55 |
| 10 | | 0 | | | | | | | 5.8 | | +5.8 | 114.1 | | A | | From ground |
| 11 | East | 1150 | | 90-21-16 | | C | | | 15.0 | -7.1 | -22.1 | | 92.0 | | | NSR-561-2-58 |
| 12 | West | 170 | | 90-0-0 | | C | | | 3.9 | | -3.9 | | 110.2 | | | NSR-562-1-58 |
| 13 | | | | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | | |
| 15 | | | | | | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | | |

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STADIA SURVEY NOTES

AREA N.C.R.-4 STATE or PROVINCE Alaska PAGE No.
 LINE No.(s) 54 PARTY No. 186 DATE 7 Day 5 Mo. 15 Yr. BOOK No.
 SURVEYOR D. Young RODMAN Bob WEATHER: Clear + 15 P.T.S.

| 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. | Remarks | |
|------|------------------|-----------------|-------------------|----------|-----------------|-------------|---------|-------------|----------------|---------------------|-------------------|------------|-----------|---------------------|---------|--------------------|
| | | | Level | Inclined | Angle or Factor | Hair Read | Reading | Correc-tion | Center Hair | | | INST. | ROD FOUND | | | |
| 1 | | | | | | | | | 7.0 | | | | | | | |
| 2 | South | 1770 | | 90°00-25 | | C | | | 7.0 | +0.2' | +7.2' | 115.5 | 108.3 | Δ | | Intersect in 34858 |
| 3 | | 290 | | 90°11-51 | | C | | | 4.0 | | -8° | | 107.5 | | 58-60 | Top of pipe in 2-5 |
| 4 | | 0 | | — | | — | | | 5.4 | | -5' | | 110.1 | | | 2.0 Above |
| 5 | | 390 | | 90°00 | | C | | | 12.8 | | -13.0 | | 101.7 | | 58-59 | Back Sight |
| 6 | North | 1660 | | 90°00 | | C | | | 14.6 | | -14.6' | | 100.9 | ⊙ | 58-58 | of Target |
| 7 | | | | | | | | | | | | | | | | |
| 8 | South | 1980 | | 90°00 | | C | | | 10.1 | | +10.1' | 111.0 | | Δ | | |
| 9 | | 660 | | 90°30-45 | | C | | | 4.0 | | -9.9 | | 101.1 | | 57 | |
| 10 | | 0 | | — | | — | | | 5.4 | | -5.4 | | 105.6 | | | |
| 11 | | 660 | | 90°39-20 | | C | | | 4.0 | | -11.4 | | 99.6 | | 57 | |
| 12 | North | 1980 | | 90°20' | | C | | | 11.5 | | -11.5' | | 99.5 | ⊙ | 55 | |
| 13 | | | | | | | | | | | | | | | | |
| 14 | South | 1320 | | 90°00 | | C | | | 8.9 | | +8.9' | 108.4 | | Δ | | |
| 15 | | 0 | | — | | — | | | 5.4 | | -5.4 | | 103.0 | | 54 | |
| 16 | North | 1320 | | 90°00 | | C | | | 13.1 | | -13.1' | | 95.3 | ⊙ | 53 | |
| 17 | | | | | | | | | | | | | | | | |
| 18 | South | 2640 | | 90°00 | | C | | | 14.3 | | +14.3' | 109.6 | | Δ | | |
| 19 | | 1320 | | 90°30-4 | | C | | | 4.0 | | -13.7 | | 93.9 | | 52 | |
| 20 | | 0 | | — | | — | | | 5.4 | | -5.4 | | 104.2 | | 51 | |

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STADIA SURVEY NOTES

AREA N.P.R-4 STATE or PROVINCE Alaska PAGE No. 46
 LINE No.(s) 54 PARTY No. 186 DATE 7 Day 5 Mo. 75 Yr. BOOK No. _____
 SURVEYOR D. Young RODMAN Bob 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 | | | | | | | | | | | 109.6 | | | |
| 2 | | 1320 | | 89-55-22 | | C | | | 4.0 | -2.2 | | 107.4 | | 50 |
| 3 | North | 2640 | | 87-53-21 | | C | | 6.6 | +5.1 | -1.5 | | 108.1 | ⊙ | 49 Target shot top of target |
| 4 | | | | | | | | | | | | | | |
| 5 | South | 2640 | | 89-50-00 | | C | | 6.6 | -7.7 | -1.1 | | 107.0 | Δ | |
| 6 | | 1320 | | 90-00-48 | | C | | 4.0 | | -4.3 | | 102.7 | | 48 |
| 7 | | 0 | | | | | | 5.4 | | -5.4 | | 101.6 | | 47 |
| 8 | | 1320 | | 90-16-22 | | C | | 4.0 | | -10.3 | | 96.7 | | 46 |
| 9 | North | 2640 | | 80-21-27 | | C | | 4.0 | -16.5 | -20.5 | | 86.5 | ⊙ | 45 |
| 10 | | | | | | | | | | | | | | |
| 11 | South | 1320 | | 90-02-50 | | C | | 4.0 | +0.8 | +4.8 | | 91.6 | Δ | |
| 12 | | 0 | | | | | | 5.6 | | -5.0 | | 86.0 | | 44 |
| 13 | | 1320 | | 90-00 | | C | | 11.2 | | -11.2 | | 80.4 | | 43 |
| 14 | North | 2640 | | 90-00 | | C | | 12.8 | | -12.8 | | 78.8 | ⊙ | 42 |
| 15 | | | | | | | | | | | | | | |
| 16 | South | 2640 | | 89-56-37 | | C | | 10.0 | -2.6 | +7.4 | | 86.2 | Δ | |
| 17 | | 1320 | | 89-52-37 | | C | | 4.0 | | -1.5 | | 84.7 | | 41 |
| 18 | | 0 | | | | | | 5.4 | | -5.4 | | 80.8 | | 40 |
| 19 | | 1320 | | 90-20-48 | | C | | 4.0 | | -12.0 | | 74.2 | | 39 |
| 20 | North | 2640 | | 90-04-36 | | C | | 4.0 | +3.4 | -6.9 | | 79.3 | ⊙ | 38 |

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STADIA SURVEY NOTES

AREA N.P.R. -4 STATE or PROVINCE Alaska PAGE No. 47
 LINE No.(s) 54 PARTY No. 186 DATE 7 Day 5 Mo. 75 Yr. BOOK No. _____
 SURVEYOR D. Young RODMAN Bob 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 | Correction | Center Hair | | | INST. | ROD | | |
| 1 | | | | | | | | | | | | 77.3 | | | |
| 2 | South | 3020 | | 90-00 | | C | | | 3.7 | +3 ⁷ | ✓ | 83.0 | Δ | | |
| 3 | | 1705 | | 90-00 | | C | | | 4.2 | -4 ⁸ | | 78.8 | | 37 | |
| 4 | | 385 | | 90-00 | | C | | | 5.0 | -5 ⁰ | | 78.0 | | 36 | |
| 5 | | 0 | | — | | — | | | 5.4 | -5 ⁴ | | 77.6 | | | |
| 6 | | 225 | | 90-00 | | C | | | 10.0 | -10 ⁰ | | 73.0 | | 35 | |
| 7 | | 2255 | | 90-00 | | C | | | 6.5 | -6 ⁵ | | 76.5 | | 34 | |
| 8 | North | 3575 | | 89-53-08 | | C | | | 6.0 | +7.1 | +1 ¹ ✓ | 84.1 | ⊙ | 33 | Target |
| 9 | | | | | | | | | | | | | | | |
| 10 | South | 4620 | | 89-53-49 | | C | | | 6.0 | -8.3 | -2 ³ ✓ | 81.8 | Δ | 32 | |
| 11 | | 3300 | | 90-10-20 | | C | | | 4.0 | -10 ⁹ | | 70.9 | ✓ | 32 | |
| 12 | | 1980 | | 90-10-20 | | C | | | 4.0 | -10 ⁰ | | 71.8 | | 31 | |
| 13 | | 660 | | 90-29-47 | | C | | | 4.0 | -9 ⁷ | | 72.1 | | 30 | |
| 14 | | 0 | | — | | — | | | 5.4 | -5 ⁴ | | 76.4 | | | |
| 15 | | 660 | | 90-16-20 | | C | | | 4.0 | -12 ⁹ | | 68.9 | | 29 | |
| 16 | | 1780 | | 90-16-50 | | C | | | 4.0 | -13 ⁷ | | 68.1 | | 28 | |
| 17 | North | 3300 | | 90-07-38 | | C | | | 6.0 | -7.3 | -13 ³ ✓ | 68.5 | ⊙ | 27 | Target |
| 18 | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | |

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STADIA SURVEY NOTES

AREA N.P.R.-4 STATE or PROVINCE Alaska PAGE No. 48
 LINE No.(s) 54 PARTY No. 186 DATE 7 Day 5 Mo. 75 Yr. BOOK No. _____
 SURVEYOR D. Young RODMAN Bob 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 | | | | | | | | | | | | | 68.5 | | |
| 2 | South | 1320 | | 89-32-00 | | C | | 6.0 | -10.8 | -4.8 | 63.7 | ▲ | | | |
| 3 | | 0 | | | | | | 5.4 | | -5.4 | | | 58.3 | 26 | |
| 4 | | 1320 | | 90-08-28 | | C | | 4.0 | | -7.2 | | | 56.5 | 25 | |
| 5 | North | 2640 | | 90-04-31 | | C | | 4.0 | -3.5 | -7.5 | | | 56.2 | 24 | |
| 6 | | | | | | | | | | | | | | | |
| 7 | South | 2640 | | 90-07-43 | | C | | 4.0 | +5.9 | +9.9 | 66.1 | ▲ | | | |
| 8 | | 1320 | | 90-05-57 | | C | | 4.0 | | -6.3 | | | 59.8 | 23 | |
| 9 | | 0 | | | | | | 5.4 | | -5.4 | | | 60.7 | 22 | |
| 10 | North | 990 | | 90-00 | | C | | 7.5 | | -7.5 | | | 58.6 | 21 | South edge of Lake River |
| 11 | | | | | | | | | | | | | | | |
| 12 | South | 1650 | | 90-00 | | C | | 8.6 | | +8.6 | 67.2 | ▲ | | | |
| 13 | | 1320 | | 90-34-40 | | C | | 17.4 | H.R. | -30.7 | | | 36.5 | 21 | in River Bed |
| 14 | | 0 | | | | | | 15.4 | | -5.4 | | | 61.8 | 20 | |
| 15 | | 1320 | | 90-46-08 | | C | | 15.0 | | -32.7 | | | 34.5 | 19 | in River Bed |
| 16 | North | 2490 | | 89-42-39 | | C | | 5.3 | +9.0 | +3.7 | | | 70.9 | 18 | Target |
| 17 | | | | | | | | | | | | | | | |
| 18 | South | 1450 | | 89-43-18 | | C | | 5.3 | -7.1 | -1.8 | 69.1 | ▲ | | | |
| 19 | | 1320 | | 89-55-30 | | C | | 3.0 | | -1.3 | | | 67.8 | 18 | Height of Target 69 |
| 20 | | 0 | | | | | | 5.1 | | -5.1 | | | 64.0 | 17 | Target |

TI-588B

There is a 1" iron pipe @ intersection 7.3 above ground level
 There is no Tag or Markings - E ANY KIND on it.

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STADIA SURVEY NOTES

AREA N.P.R-4 STATE or PROVINCE Alaska PAGE No. 49
 LINE No.(s) 54 PARTY No. 186 DATE 7 Day 5 Mo. 75 Yr. BOOK No.
 SURVEYOR D. YOUNG RODMAN Bob WEATHER: cloudy cool P.T.S. No.

| LINE | Searing 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 | | | | | | | | | | | | 69.1 | | | | |
| 2 | | 1320 | | 90-00 | | C | | | 8.7 | -87 | | 60.4 | | | 16 | |
| 3 | North | 2640 | | 87-41-32 | | C | | | 4.0 | +142 | +10 0 | 79.3 | 0 | | 15 | |
| 4 | | | | | | | | | | | | | | | | |
| 5 | South | 870 | | 90-27-30 | | C | | | 4.0 | +7.0 | +11 0 | 90.3 | | A | | Begin May 8 / 75 |
| 6 | | 0 | | | | | | | 5.4 | -54 | | | | | | |
| 7 | | 440 | | 93-20-41 | | C | | | 15.0 | -40.7 | | 49.6 | | | 14 | |
| 8 | North | 1740 | | 90-54-22 | | C | | | 12.0 | -27.5 | -42 5 | 47.8 | 0 | | 13 | |
| 9 | | | | | | | | | | | | | | | | |
| 10 | South | 2640 | | 90-00 | | C | | | 10.5 | +10 5 | 58.3 | | A | | | |
| 11 | | 1320 | | 90-00 | | 0 | | | 3.0 | -3 0 | | 55.3 | | | 12 | |
| 12 | | 0 | | | | | | | 5.4 | -54 | | 52.9 | | | 11 | |
| 13 | | 1320 | | 90-00 | | C | | | 5.6 | -54 | | 52.7 | | | 10 | |
| 14 | North | 2640 | | 90-00 | | C | | | 8.0 | -8 0 | | 50.3 | 0 | | 9 | |
| 15 | | | | | | | | | | | | | | | | |
| 16 | South | 2310 | | 90-00 | | C | | | 13.9 | +139 | 64.2 | | A | | | |
| 17 | | 990 | | 90-00 | | C | | | 94 | -94 | | 53.8 | | | 8 | |
| 18 | | 0 | | | | | | | 54 | -54 | | 58.8 | | | | |
| 19 | | 330 | | 90-00 | | B | | -17 | 14.8 | -16.5 | | 47.7 | | | 7 | |
| 20 | North | 1650 | | 90-00 | | C | | | 13.7 | -13.7 | | 50.5 | 0 | | 6 | |

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STADIA SURVEY NOTES

AREA N.P.R-4 STATE or PROVINCE Alaska PAGE No. 50
 LINE No.(s) 54 PARTY No. 186 DATE 8 Day 5 Mo. 75 Yr. BOOK No. _____
 SURVEYOR D. Young RODMAN Bob WEATHER: Southeast Cloud Wind + 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 | | | | | | | | | | | | 52.5 | | | |
| 2 | South | 2640 | | 90-00 | | C | | | 0.8 | +0.8 | 51.3 | | Δ | | |
| 3 | | 1820 | | 90-00 | | C | | | 3.1 | -3' | | 48.2 | | 5 | |
| 4 | | 0 | | — | | — | | | 5.4 | -5' | | 45.9 | | 4 | |
| 5 | North | 1320 | | 90-00 | | C | | | 4.6 | -4.6 | | 46.7 | ⊙ | 3 | |
| 6 | | 2320 | | | | | | | | | | | | | |
| 7 | South | 2320 | | 90-11-39 | | C | | | 15.0 | +7.9 | +22.9 | 69.6 | Δ | | |
| 8 | S | 990 | | 91-59-27 | | C | | | 4.0 | -38.4 | | 31.2 | | 2 | in River bed. |
| 9 | N | 330 | | same elev if in Ravine | | | | | | | | 29.6 | | 1 | |
| 10 | | 1300 | | 90-00 | | C | | | 3' | -3' | | 66.5 | | | |
| 11 | North | 2920 | | 91-30-00 | | C | | | 5.0 | +25.5 | +20.3 | 90.1 | ⊙ | SP-2 | North 202? |
| 12 | | | | | | | | | | | | | | | |
| 13 | South | 680 | | 90-00 | | C | | | 5.6 | +5.6 | 95.7 | | Δ | SP-2 | |
| 14 | | | | — | | — | | | 5.4 | -5.4 | | | | | |
| 15 | North | 640 | | 91-15-25 | | C | | | 15.0 | -14.0 | -22.0 | 66.7 | ⊙ | SP-203 | ICE LEVEL one ft. of snow |
| 16 | | | | | | | | | | | | | | | |
| 17 | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | |
| 19 | | | | | | | | | | | | | | | |
| 20 | | | | | | | | | | | | | | | |

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