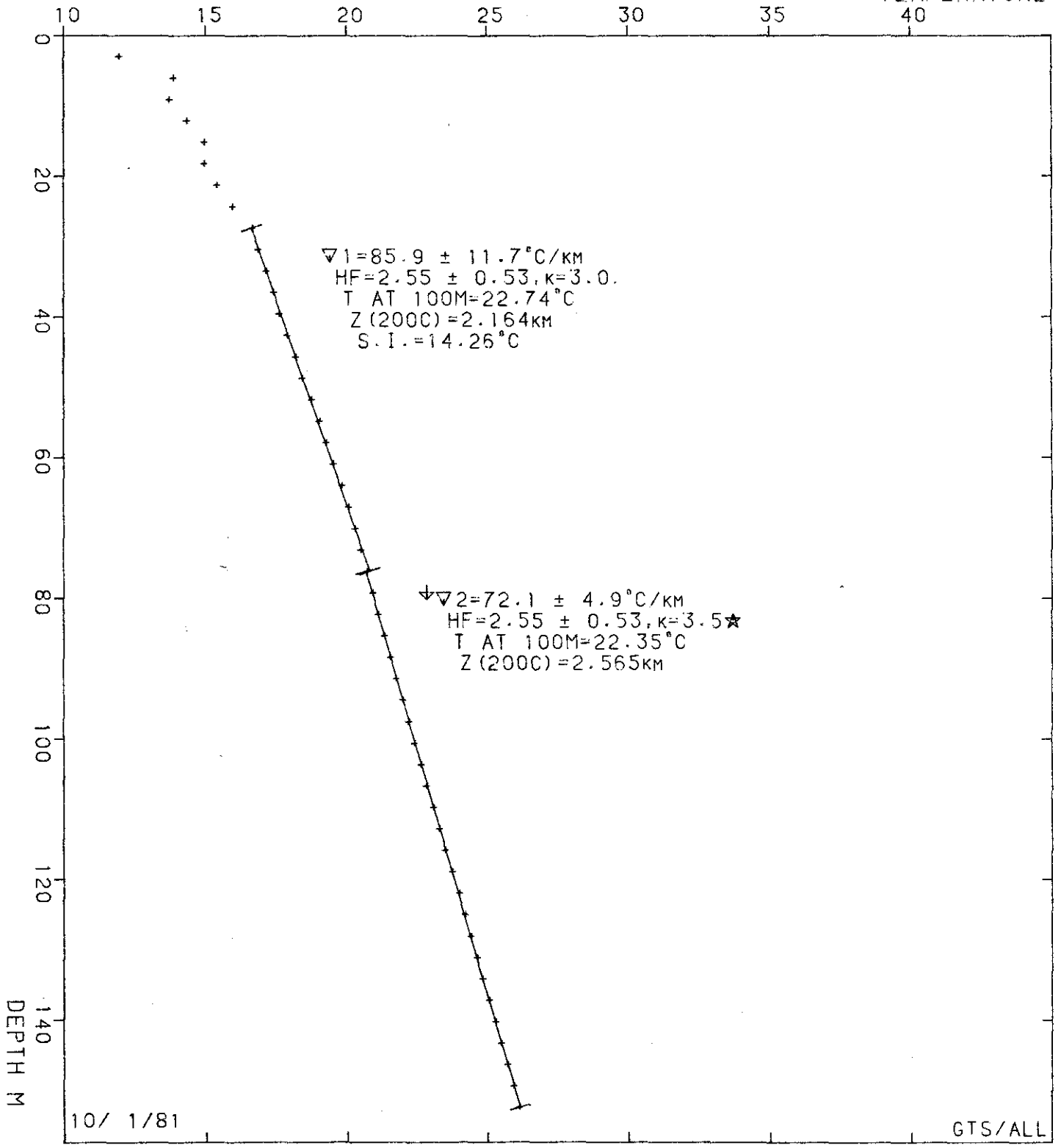


BLACK MTS, UT  
3.2KM SW NINEMILE KNOLL (HUNT)  
PROJ. 883 WELL 20 20 12 79

N. LAT 38.166; W. LONG 113.031

TEMPERATURE °C



GEOHERMAL LOG, AMAX EXPLORATION, INC., A.L.LANGE  
10/ 1/81

PROJECT: BLACK MTS, UT

| PROJ | WELL | DA | MO | YR | WELL TITLE | EDITOR                         | DRL DATE | LP | LI | ISZ | IST |   |
|------|------|----|----|----|------------|--------------------------------|----------|----|----|-----|-----|---|
| 883  |      | 20 | 20 | 12 | 79         | 3.2KM SW NINEMILE KNOLL (HUNT) | GTS/ALL  | 0  | 0  | 0   | 1   | 1 |

| YCM     | XCM     | N.LAT   | W.LONG   | ELEV   |
|---------|---------|---------|----------|--------|
| 29.4000 | 30.7000 | 38.1662 | 113.0311 | 1604.8 |

| J | SEG START | SEG END | CONDTVTY | STD DEV. |
|---|-----------|---------|----------|----------|
| 1 | 27.432    | 76.200  | 0.000    | 0.000    |
| 2 | 76.200    | 152.400 | 3.500    | 0.500    |

PRECEEDING CONDUCTIVITY USED TO COMPUTE OTHERS

\*\*\* PREVIOUS SEGMENT USED TO EXTRAPOLATE TO DEPTH \*\*\*

| PROJ | WELL | DA | MO | YR | DEPTH (M) | DEG C  | DEG C/KM | SAMPLE NO. |    |
|------|------|----|----|----|-----------|--------|----------|------------|----|
| 883  |      | 20 | 20 | 12 | 79        | 3.048  | 11.928   | 99999.000  | 1  |
|      |      |    |    |    |           | 6.096  | 13.839   | 627.006    | 2  |
|      |      |    |    |    |           | 9.144  | 13.678   | -52.859    | 3  |
|      |      |    |    |    |           | 12.192 | 14.317   | 209.611    | 4  |
|      |      |    |    |    |           | 15.240 | 14.939   | 204.140    | 5  |
|      |      |    |    |    |           | 18.288 | 14.922   | -5.468     | 6  |
|      |      |    |    |    |           | 21.336 | 15.406   | 158.573    | 7  |
|      |      |    |    |    |           | 24.384 | 15.950   | 178.625    | 8  |
|      |      |    |    |    |           | 27.432 | 16.633   | 224.189    | 9  |
|      |      |    |    |    |           | 30.480 | 16.856   | 72.910     | 10 |
| 883  |      | 20 | 20 | 12 | 79        | 33.528 | 17.128   | 89.310     | 11 |
|      |      |    |    |    |           | 36.576 | 17.383   | 83.843     | 12 |
|      |      |    |    |    |           | 39.624 | 17.611   | 74.732     | 13 |
|      |      |    |    |    |           | 42.672 | 17.889   | 91.132     | 14 |
|      |      |    |    |    |           | 45.720 | 18.178   | 94.782     | 15 |
|      |      |    |    |    |           | 48.768 | 18.428   | 82.021     | 16 |
|      |      |    |    |    |           | 51.816 | 18.739   | 102.071    | 17 |
|      |      |    |    |    |           | 54.864 | 19.011   | 89.310     | 18 |
|      |      |    |    |    |           | 57.912 | 19.250   | 78.376     | 19 |
|      |      |    |    |    |           | 60.960 | 19.511   | 85.665     | 20 |
| 883  |      | 20 | 20 | 12 | 79        | 64.008 | 19.833   | 105.716    | 21 |
|      |      |    |    |    |           | 67.056 | 20.061   | 74.732     | 22 |
|      |      |    |    |    |           | 70.104 | 20.278   | 71.082     | 23 |
|      |      |    |    |    |           | 73.152 | 20.494   | 71.088     | 24 |
|      |      |    |    |    |           | 76.200 | 20.700   | 67.439     | 25 |
|      |      |    |    |    |           | 79.248 | 20.894   | 63.793     | 26 |
|      |      |    |    |    |           | 82.296 | 21.106   | 69.265     | 27 |
|      |      |    |    |    |           | 85.344 | 21.322   | 71.083     | 28 |
|      |      |    |    |    |           | 88.392 | 21.517   | 63.793     | 29 |
|      |      |    |    |    |           | 91.440 | 21.733   | 71.087     | 30 |
| 883  |      | 20 | 20 | 12 | 79        | 94.488 | 21.972   | 78.376     | 31 |
|      |      |    |    |    |           | 97.536 | 22.178   | 67.438     | 32 |

DATA DOCUMENTS.DOC 10-1412

|    |     |             |         |        |        |    |  |  |  |  |  |  |
|----|-----|-------------|---------|--------|--------|----|--|--|--|--|--|--|
| 1  |     |             |         |        |        |    |  |  |  |  |  |  |
| 2  |     |             | 100.584 | 22.394 | 71.082 | 33 |  |  |  |  |  |  |
| 3  |     |             | 103.632 | 22.622 | 74.732 | 34 |  |  |  |  |  |  |
| 4  |     |             | 106.680 | 22.828 | 67.438 | 35 |  |  |  |  |  |  |
| 5  |     |             | 109.728 | 23.072 | 80.199 | 36 |  |  |  |  |  |  |
| 6  |     |             | 112.776 | 23.278 | 67.438 | 37 |  |  |  |  |  |  |
| 7  |     |             | 115.824 | 23.511 | 76.554 | 38 |  |  |  |  |  |  |
| 8  |     |             | 118.872 | 23.744 | 76.555 | 39 |  |  |  |  |  |  |
| 9  |     |             | 121.920 | 23.989 | 80.199 | 40 |  |  |  |  |  |  |
| 10 | 883 | 20 20 12 79 | 124.968 | 24.222 | 76.554 | 41 |  |  |  |  |  |  |
| 11 |     |             | 128.016 | 24.422 | 65.616 | 42 |  |  |  |  |  |  |
| 12 |     |             | 131.064 | 24.633 | 69.261 | 43 |  |  |  |  |  |  |
| 13 |     |             | 134.112 | 24.839 | 67.443 | 44 |  |  |  |  |  |  |
| 14 |     |             | 137.160 | 25.061 | 72.905 | 45 |  |  |  |  |  |  |
| 15 |     |             | 140.208 | 25.278 | 71.083 | 46 |  |  |  |  |  |  |
| 16 |     |             | 143.256 | 25.483 | 67.443 | 47 |  |  |  |  |  |  |
| 17 |     |             | 146.304 | 25.700 | 71.082 | 48 |  |  |  |  |  |  |
| 18 |     |             | 149.352 | 25.922 | 72.910 | 49 |  |  |  |  |  |  |
| 19 |     |             | 152.400 | 26.128 | 67.438 | 50 |  |  |  |  |  |  |

SURFACE INTERCEPT FOR SEGMENT 1 = 14.256

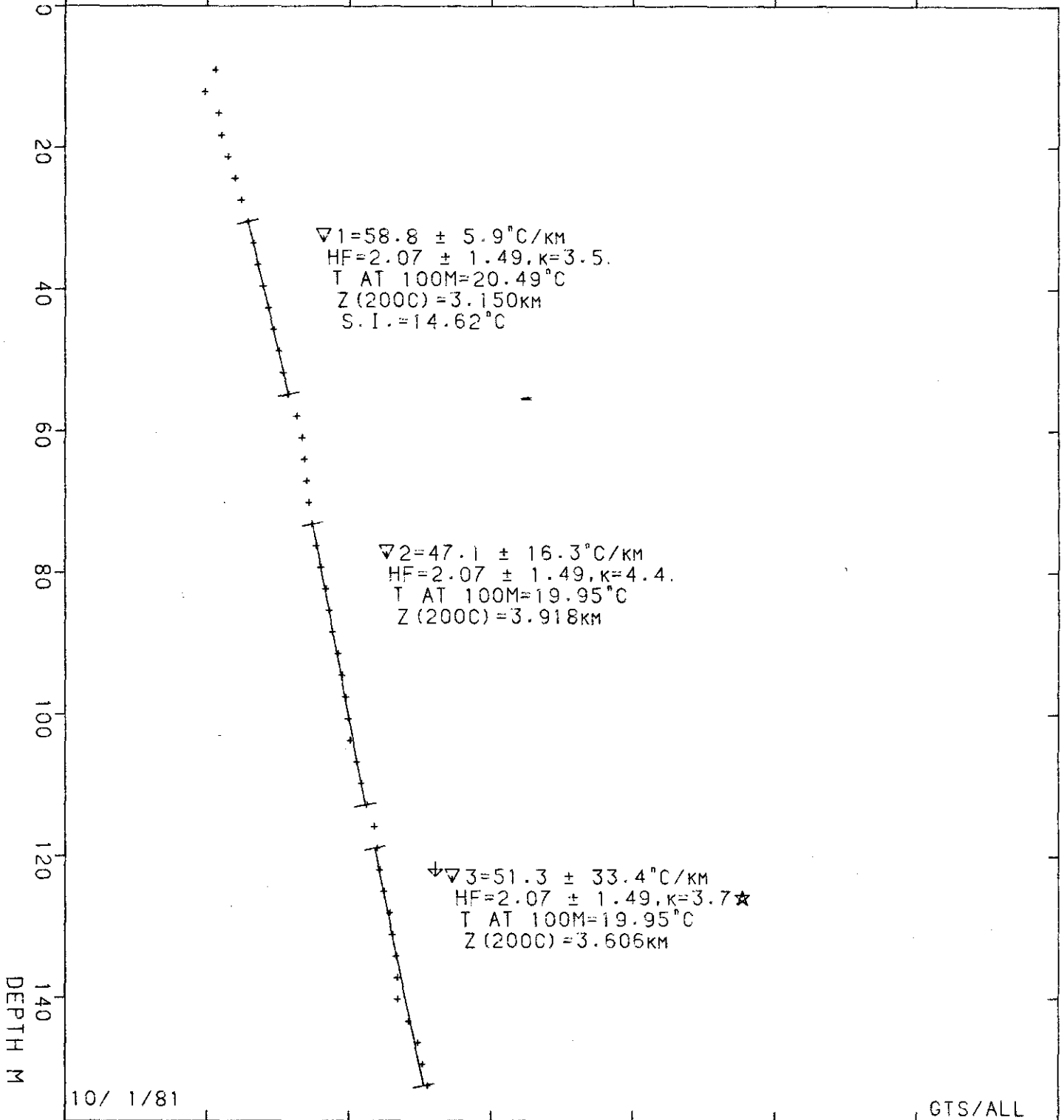
| SEG | ZSTART | TSTART | ZEND    | TEND   | COND & DCON | GRADIENT & S.D. | HFU & DHF   | T AT 100M | KM    |
|-----|--------|--------|---------|--------|-------------|-----------------|-------------|-----------|-------|
| 1   | 27.432 | 16.633 | 76.200  | 20.700 | 2.966 0.000 | 85.864 11.704   | 2.547 0.531 | 22.744    | 2.164 |
| 2   | 76.200 | 20.700 | 152.400 | 26.128 | 3.500 0.500 | 72.076 4.869    | 2.547 0.531 | 22.353    | 2.565 |

PRECEEDING SEGMENT USED FOR EXTRAPOLATION

BLACK MTS, UT  
3.6KM SW OF GOVT WELL (HUNT)  
PROJ. 883 WELL 26 18 12 79

N.LAT 38.159: W.LONG 113.102

TEMPERATURE °C  
10 15 20 25 30 35 40



GEOHERMAL LOG, AMAX EXPLORATION, INC., A.L.LANGE  
10/ 1/81

PROJECT: BLACK MTS, UT

| PROJ | WELL | DA | MO | YR    | WELL TITLE                   | EDITOR  | DRL DATE | LP | LI | ISZ | IST |
|------|------|----|----|-------|------------------------------|---------|----------|----|----|-----|-----|
| 883  |      | 26 | 18 | 12 79 | 3.6KM SW OF GOVT WELL (HUNT) | GTS/ALL | 0 0 0    | 0  | 0  | 1   | 1   |

| YCM     | XCM     | N.LAT   | W.LONG   | ELEV   |
|---------|---------|---------|----------|--------|
| 28.0400 | 20.8000 | 38.1585 | 113.1017 | 1586.5 |

| J | SEG START | SEG END | CONDTVTY & STD DEV. |       |
|---|-----------|---------|---------------------|-------|
| 1 | 30.480    | 54.864  | 0.000               | 0.000 |
| 2 | 73.152    | 112.776 | 0.000               | 0.000 |
| 3 | 118.872   | 152.400 | 3.700               | 0.500 |

PRECEDING CONDUCTIVITY USED TO COMPUTE OTHERS  
\*\*\* PREVIOUS SEGMENT USED TO EXTRAPOLATE TO DEPTH \*\*\*

| PROJ | WELL | DA | MO | YR    | DEPTH (M) | DEG C  | DEG C/KM  | SAMPLE NO. |
|------|------|----|----|-------|-----------|--------|-----------|------------|
| 883  |      | 26 | 18 | 12 79 | 9.144     | 15.278 | 99999.000 | 1          |
|      |      |    |    |       | 12.192    | 14.922 | -116.652  | 2          |
|      |      |    |    |       | 15.240    | 15.400 | 156.751   | 3          |
|      |      |    |    |       | 18.208    | 15.489 | 29.164    | 4          |
|      |      |    |    |       | 21.336    | 15.739 | 82.020    | 5          |
|      |      |    |    |       | 24.384    | 15.967 | 74.731    | 6          |
|      |      |    |    |       | 27.432    | 16.189 | 72.906    | 7          |
|      |      |    |    |       | 30.480    | 16.406 | 71.083    | 8          |
|      |      |    |    |       | 33.528    | 16.594 | 61.971    | 9          |
|      |      |    |    |       | 36.576    | 16.772 | 58.327    | 10         |
| 883  |      | 26 | 18 | 12 79 | 39.624    | 16.950 | 58.327    | 11         |
|      |      |    |    |       | 42.672    | 17.128 | 58.327    | 12         |
|      |      |    |    |       | 45.720    | 17.328 | 65.616    | 13         |
|      |      |    |    |       | 48.768    | 17.517 | 61.971    | 14         |
|      |      |    |    |       | 51.816    | 17.656 | 45.566    | 15         |
|      |      |    |    |       | 54.864    | 17.833 | 58.332    | 16         |
|      |      |    |    |       | 57.912    | 18.133 | 98.421    | 17         |
|      |      |    |    |       | 60.960    | 18.311 | 58.327    | 18         |
|      |      |    |    |       | 64.008    | 18.411 | 32.811    | 19         |
|      |      |    |    |       | 67.056    | 18.483 | 23.694    | 20         |
| 883  |      | 26 | 18 | 12 79 | 70.104    | 18.583 | 32.805    | 21         |
|      |      |    |    |       | 73.152    | 18.678 | 30.988    | 22         |
|      |      |    |    |       | 76.200    | 18.817 | 45.566    | 23         |
|      |      |    |    |       | 79.248    | 19.006 | 61.971    | 24         |
|      |      |    |    |       | 82.296    | 19.161 | 51.038    | 25         |
|      |      |    |    |       | 85.344    | 19.278 | 38.272    | 26         |
|      |      |    |    |       | 88.392    | 19.411 | 43.749    | 27         |
|      |      |    |    |       | 91.440    | 19.600 | 61.971    | 28         |
|      |      |    |    |       | 94.488    | 19.739 | 45.566    | 29         |
|      |      |    |    |       | 97.536    | 19.883 | 47.389    | 30         |
| 883  |      | 26 | 18 | 12 79 | 100.584   | 19.967 | 27.344    | 31         |

|     |         |        |         |    |
|-----|---------|--------|---------|----|
|     | 103.632 | 20.022 | 18.222  | 32 |
|     | 106.680 | 20.267 | 80.199  | 33 |
|     | 109.728 | 20.428 | 52.860  | 34 |
|     | 112.776 | 20.622 | 63.793  | 35 |
|     | 115.824 | 20.900 | 91.132  | 36 |
|     | 118.872 | 20.989 | 29.166  | 37 |
|     | 121.920 | 21.100 | 36.450  | 38 |
|     | 124.968 | 21.244 | 47.393  | 39 |
|     | 128.016 | 21.439 | 63.793  | 40 |
| 883 | 131.064 | 21.556 | 38.277  | 41 |
| 26  | 134.112 | 21.672 | 38.277  | 42 |
| 18  | 137.160 | 21.711 | 12.756  | 43 |
| 12  | 140.208 | 21.739 | 9.116   | 44 |
| 15  | 143.256 | 22.106 | 120.293 | 45 |
| 17  | 146.304 | 22.411 | 100.248 | 46 |
| 19  | 149.352 | 22.583 | 56.505  | 47 |
| 19  | 152.400 | 22.744 | 52.860  | 48 |

SURFACE INTERCEPT FOR SEGMENT 1 = 14.620

| SEG | ZSTART  | TSTART | ZEND    | TEND   | COND & DCON | GRADIENT & S.D. | HFU & | DHF   | T AT 100M | KM    |
|-----|---------|--------|---------|--------|-------------|-----------------|-------|-------|-----------|-------|
| 1   | 30.480  | 16.406 | 54.864  | 17.833 | 3.512 0.000 | 58.846 5.889    | 2.066 | 1.494 | 20.489    | 3.150 |
| 2   | 73.152  | 18.678 | 112.776 | 20.622 | 4.383 0.000 | 47.145 16.282   | 2.066 | 1.494 | 19.951    | 3.918 |
| 3   | 118.872 | 20.989 | 152.400 | 22.744 | 3.700 0.500 | 51.332 33.438   | 2.066 | 1.494 | 19.951    | 3.606 |

PRECEDING SEGMENT USED FOR EXTRAPOLATION

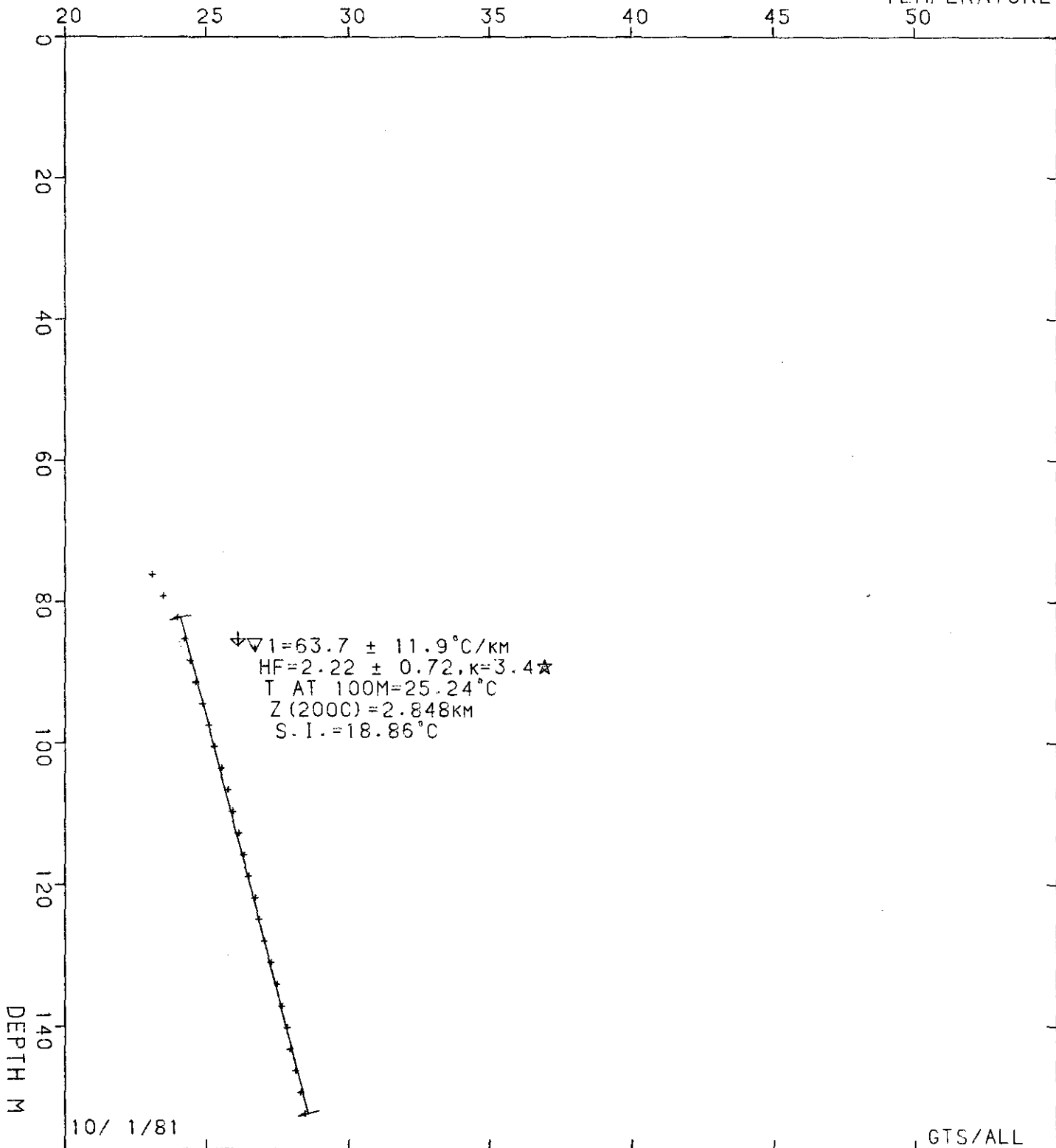
10-1412 DATA ACQUISITION

BLACK MTS, UT  
3KM SSE OF GOVT WELL (HUNT)

N.LAT 38.157; W.LONG 113.048

PROJ. 883 WELL 31 18 12 79

TEMPERATURE °C



GEOHERMAL LOG, AMAX EXPLORATION, INC., A.L.LANGE  
10/ 1/81

PROJECT: BLACK MTS, UT

| PROJ | WELL | DA | MO | YR    | WELL TITLE                  | EDITOR  | DRL DATE | LP | LI | ISZ | IST |
|------|------|----|----|-------|-----------------------------|---------|----------|----|----|-----|-----|
| 883  |      | 31 | 18 | 12 79 | 3KM SSE OF GOVT WELL (HUNT) | GTS/ALL | 0 0 0    | 0  | 0  | 1   | 1   |

| YCM     | XCM     | N.LAT   | W.LONG   | ELEV   |
|---------|---------|---------|----------|--------|
| 27.8000 | 28.3000 | 38.1572 | 113.0482 | 1621.5 |

| J | SEG START | SEG END | CONDTVTY | STD DEV. |
|---|-----------|---------|----------|----------|
| 1 | 82.296    | 152.400 | 3.400    | 0.500    |

PRECEDING CONDUCTIVITY USED TO COMPUTE OTHERS

\*\*\* PREVIOUS SEGMENT USED TO EXTRAPOLATE TO DEPTH \*\*\*

| PROJ | WELL | DA | MO | YR    | DEPTH (M) | DEG C  | DEG C/KM  | SAMPLE NO. |
|------|------|----|----|-------|-----------|--------|-----------|------------|
| 883  |      | 31 | 18 | 12 79 | 76.200    | 23.078 | 99999.000 | 1          |
|      |      |    |    |       | 79.240    | 23.494 | 136.703   | 2          |
|      |      |    |    |       | 82.296    | 23.983 | 160.397   | 3          |
|      |      |    |    |       | 85.344    | 24.233 | 82.021    | 4          |
|      |      |    |    |       | 88.392    | 24.428 | 63.793    | 5          |
|      |      |    |    |       | 91.440    | 24.611 | 60.149    | 6          |
|      |      |    |    |       | 94.488    | 24.850 | 78.371    | 7          |
|      |      |    |    |       | 97.536    | 25.061 | 69.266    | 8          |
|      |      |    |    |       | 100.584   | 25.278 | 71.082    | 9          |
|      |      |    |    |       | 103.632   | 25.511 | 76.554    | 10         |
| 883  |      | 31 | 18 | 12 79 | 106.680   | 25.750 | 78.377    | 11         |
|      |      |    |    |       | 109.728   | 25.906 | 51.038    | 12         |
|      |      |    |    |       | 112.776   | 26.111 | 67.438    | 13         |
|      |      |    |    |       | 115.824   | 26.278 | 54.682    | 14         |
|      |      |    |    |       | 118.872   | 26.450 | 56.500    | 15         |
|      |      |    |    |       | 121.920   | 26.672 | 72.910    | 16         |
|      |      |    |    |       | 124.968   | 26.822 | 49.211    | 17         |
|      |      |    |    |       | 128.016   | 27.006 | 60.149    | 18         |
|      |      |    |    |       | 131.064   | 27.256 | 82.021    | 19         |
|      |      |    |    |       | 134.112   | 27.450 | 63.793    | 20         |
| 883  |      | 31 | 18 | 12 79 | 137.160   | 27.633 | 60.149    | 21         |
|      |      |    |    |       | 140.208   | 27.811 | 58.327    | 22         |
|      |      |    |    |       | 143.256   | 27.917 | 34.633    | 23         |
|      |      |    |    |       | 146.304   | 28.111 | 63.793    | 24         |
|      |      |    |    |       | 149.352   | 28.283 | 56.505    | 25         |
|      |      |    |    |       | 152.400   | 28.433 | 49.211    | 26         |

SURFACE INTERCEPT FOR SEGMENT 1 = 18.857

| SEG | ZSTART | TSTART | ZEND    | TEND   | COND & | DCON  | GRADIENT & | S.D.   | HFU & | DHF   | T AT 100M | KM    |
|-----|--------|--------|---------|--------|--------|-------|------------|--------|-------|-------|-----------|-------|
| 1   | 82.296 | 23.983 | 152.400 | 28.433 | 3.400  | 0.500 | 63.658     | 11.924 | 2.224 | 0.724 | 25.236    | 2.848 |

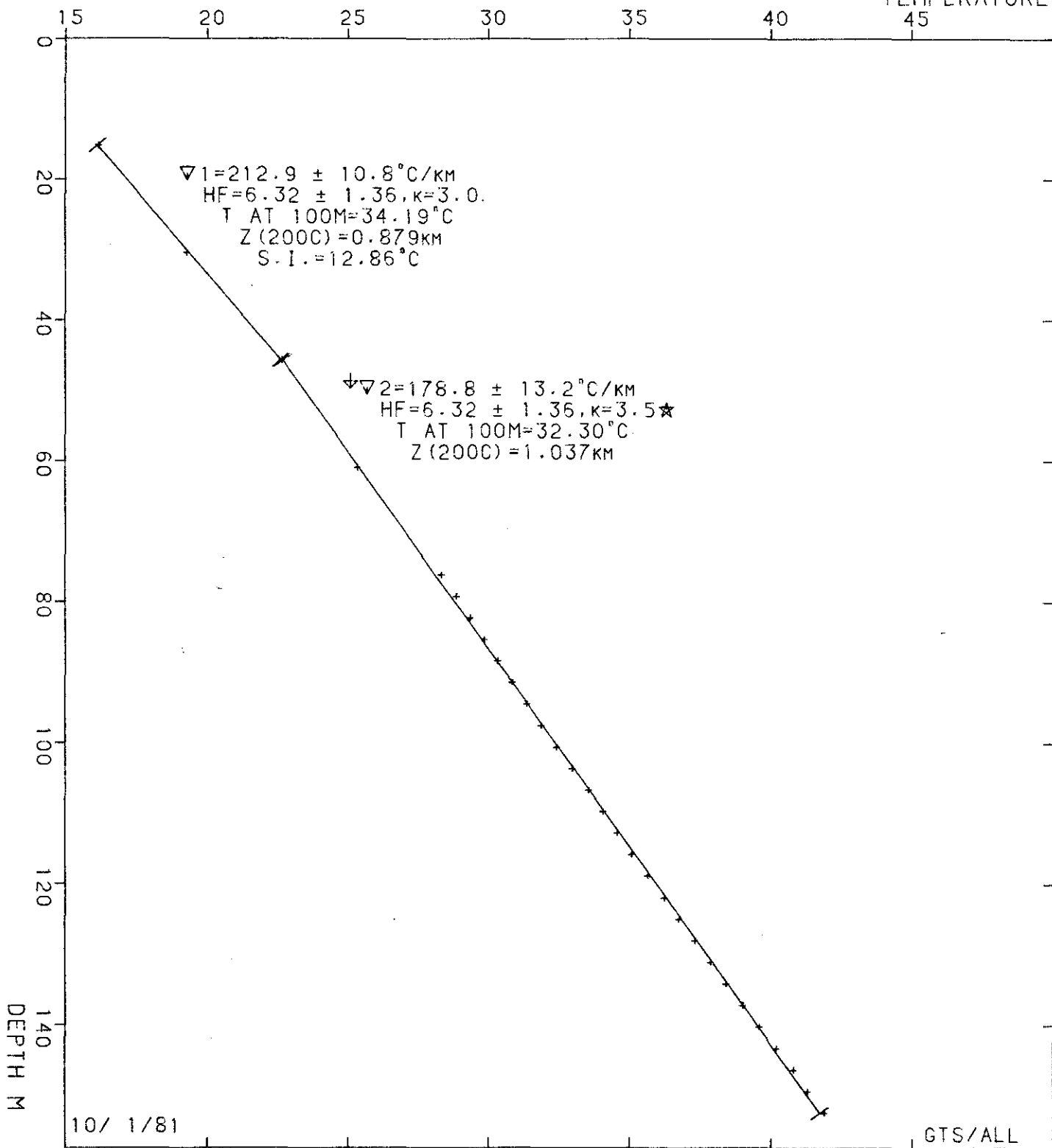


BLACK MTS, UT  
4.5KM S OF GOVT WELL (HUNT)

N.LAT 38.138: W.LONG 113.071

PROJ. 883 WELL 33 16 12 79

TEMPERATURE °C



PROJECT: BLACK MTS, UT

PROJ WELL DA MO YR WELL TITLE EDITOR DRL DATE LP LI ISZ IST  
883 33 16 12 79 4.5KM S OF GOVT WELL (HUNT) GTS/ALL 0 0 0 0 0 1 1

YCM XCM N.LAT W.LONG ELEV  
24.3700 25.1500 38.1378 113.0707 1696.2

J SEG START SEG END CONDTVTY & STD DEV.

1 15.240 45.720 0.000 0.000  
2 45.720 152.400 3.500 0.500

PRECEDING CONDUCTIVITY USED TO COMPUTE OTHERS

\*\*\* PREVIOUS SEGMENT USED TO EXTRAPOLATE TO DEPTH \*\*\*

PROJ WELL DA MO YR DEPTH (M) DEG C DEG C/KM SAMPLE NO.

|     |    |    |    |    |         |        |           |    |
|-----|----|----|----|----|---------|--------|-----------|----|
| 883 | 33 | 16 | 12 | 79 | 15.240  | 16.144 | 99999.000 | 1  |
|     |    |    |    |    | 30.480  | 19.272 | 205.235   | 2  |
|     |    |    |    |    | 45.720  | 22.633 | 220.545   | 3  |
|     |    |    |    |    | 60.960  | 25.328 | 176.801   | 4  |
|     |    |    |    |    | 76.200  | 28.333 | 197.215   | 5  |
|     |    |    |    |    | 79.248  | 28.850 | 169.508   | 6  |
|     |    |    |    |    | 82.296  | 29.328 | 156.753   | 7  |
|     |    |    |    |    | 85.344  | 29.839 | 167.692   | 8  |
|     |    |    |    |    | 88.392  | 30.317 | 156.743   | 9  |
|     |    |    |    |    | 91.440  | 30.828 | 167.691   | 10 |
| 883 | 33 | 16 | 12 | 79 | 94.488  | 31.344 | 169.514   | 11 |
|     |    |    |    |    | 97.536  | 31.672 | 173.149   | 12 |
|     |    |    |    |    | 100.584 | 32.406 | 174.980   | 13 |
|     |    |    |    |    | 103.632 | 32.956 | 180.442   | 14 |
|     |    |    |    |    | 106.680 | 33.522 | 185.920   | 15 |
|     |    |    |    |    | 109.728 | 34.061 | 176.803   | 16 |
|     |    |    |    |    | 112.776 | 34.561 | 164.042   | 17 |
|     |    |    |    |    | 115.824 | 35.072 | 167.691   | 18 |
|     |    |    |    |    | 118.872 | 35.628 | 182.270   | 19 |
|     |    |    |    |    | 121.920 | 36.206 | 189.558   | 20 |
| 883 | 33 | 16 | 12 | 79 | 124.968 | 36.733 | 173.148   | 21 |
|     |    |    |    |    | 128.016 | 37.300 | 185.914   | 22 |
|     |    |    |    |    | 131.064 | 37.856 | 182.270   | 23 |
|     |    |    |    |    | 134.112 | 38.406 | 180.457   | 24 |
|     |    |    |    |    | 137.160 | 38.994 | 193.198   | 25 |
|     |    |    |    |    | 140.208 | 39.578 | 191.381   | 26 |
|     |    |    |    |    | 143.256 | 40.200 | 204.146   | 27 |
|     |    |    |    |    | 146.304 | 40.811 | 200.492   | 28 |
|     |    |    |    |    | 149.352 | 41.300 | 160.392   | 29 |
|     |    |    |    |    | 152.400 | 41.900 | 196.858   | 30 |

SURFACE INTERCEPT FOR SEGMENT 1 = 12.861

| SEG | ZSTART | TSTART | ZEND   | TEND   | COND  | & DCON | GRADIENT | & S.D. | HFU   | & DHF | T AT 100M | KM    |
|-----|--------|--------|--------|--------|-------|--------|----------|--------|-------|-------|-----------|-------|
| 1   | 15.240 | 16.144 | 45.720 | 22.633 | 2.970 | 0.000  | 212.892  | 10.826 | 6.323 | 1.357 | 34.189    | 0.879 |

| SEG | ZSTART | TSTART | ZEND    | TEND   | COND  | & DCON | GRADIENT | & S.D. | HFU   | & DHF | T AT 100M | KM    |
|-----|--------|--------|---------|--------|-------|--------|----------|--------|-------|-------|-----------|-------|
| 2   | 45.720 | 22.633 | 152.400 | 41.900 | 3.500 | 0.500  | 178.780  | 13.227 | 6.323 | 1.357 | 32.303    | 1.037 |

PRECEDING SEGMENT USED FOR EXTRAPOLATION

BLACK MTS, UT  
2.5KM SE MON.KNOLLS RES. (HUNT)

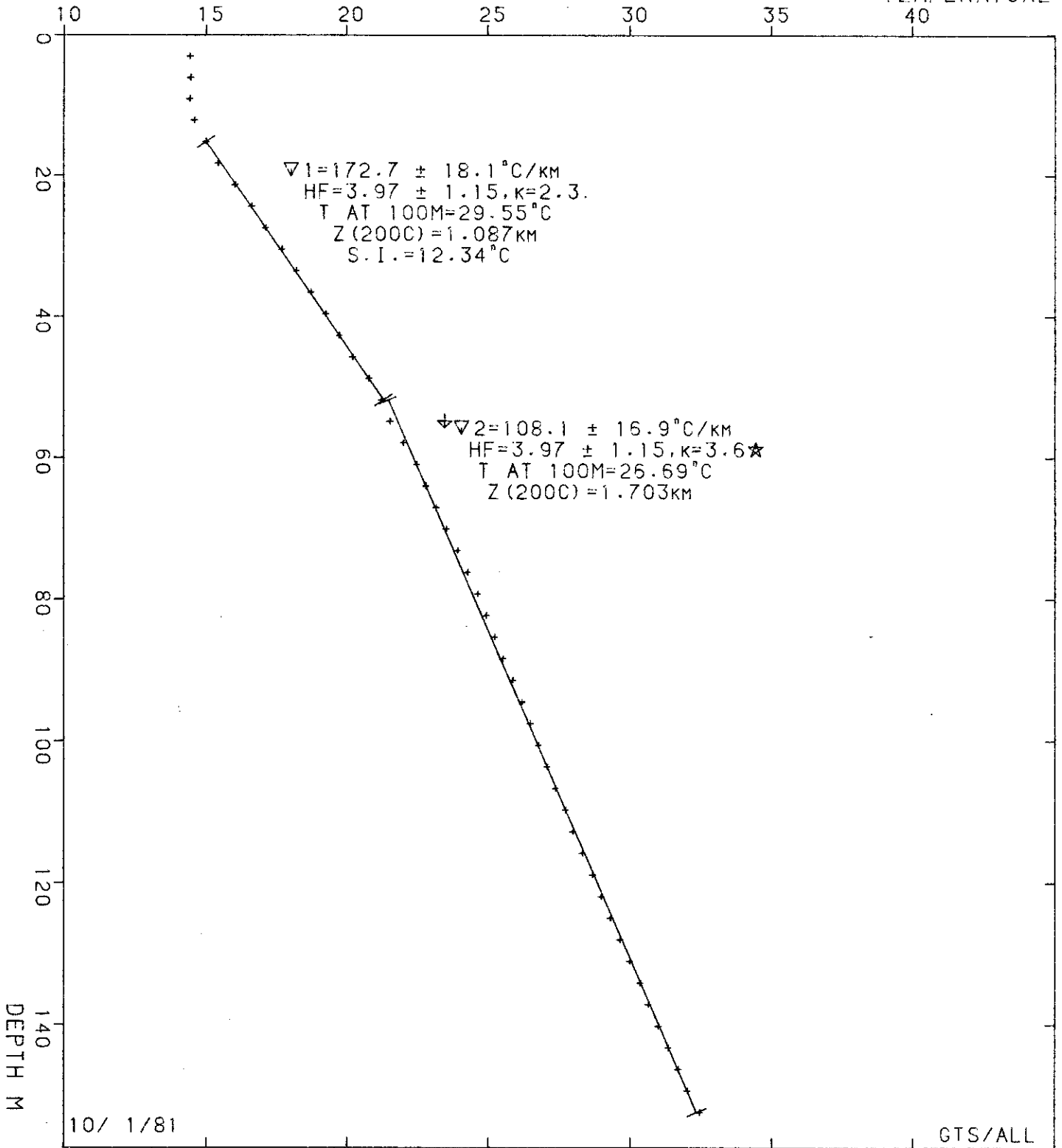
N.LAT 38.134; W.LONG 113.101

PROJ. 883

WELL 39

17 12 79

TEMPERATURE °C



GEOHERMAL LOG, AMAX EXPLORATION, INC., A.L.LANGE  
10/ 1/81

PROJECT: BLACK MTS, UT

| PROJ | WELL | DA | MO | YR | WELL TITLE | EDITOR                         | DRL DATE | LP | LI | ISZ | IST |   |   |
|------|------|----|----|----|------------|--------------------------------|----------|----|----|-----|-----|---|---|
| 883  |      | 39 | 17 | 12 | 79         | 2.5KM SE MON.KNOLLS RES.(HUNT) | GTS/ALL  | 0  | 0  | 0   | 0   | 1 | 1 |

| YCM     | XCM     | N.LAT   | W.LONG   | ELEV   |
|---------|---------|---------|----------|--------|
| 23.6200 | 20.9000 | 38.1335 | 113.1010 | 1706.9 |

| J | SEG START | SEG END | CONDTVY & STD DEV. |       |
|---|-----------|---------|--------------------|-------|
| 1 | 15.240    | 51.816  | 0.000              | 0.000 |
| 2 | 51.816    | 152.400 | 3.600              | 0.500 |

PRECEEDING CONDUCTIVITY USED TO COMPUTE OTHERS

\*\*\* PREVIOUS SEGMENT USED TO EXTRAPOLATE TO DEPTH \*\*\*

| PROJ | WELL | DA | MO | YR | DEPTH (M) | DEG C  | DEG C/KM | SAMPLE NO. |    |
|------|------|----|----|----|-----------|--------|----------|------------|----|
| 883  |      | 39 | 17 | 12 | 79        | 3.048  | 14.411   | 99999.000  | 1  |
|      |      |    |    |    | 6.096     | 14.439 | 9.114    | 2          |    |
|      |      |    |    |    | 9.144     | 14.417 | -7.292   | 3          |    |
|      |      |    |    |    | 12.192    | 14.572 | 51.035   | 4          |    |
|      |      |    |    |    | 15.240    | 14.978 | 133.058  | 5          |    |
|      |      |    |    |    | 18.288    | 15.406 | 140.345  | 6          |    |
|      |      |    |    |    | 21.336    | 16.006 | 196.851  | 7          |    |
|      |      |    |    |    | 24.384    | 16.583 | 189.563  | 8          |    |
|      |      |    |    |    | 27.432    | 17.089 | 165.859  | 9          |    |
|      |      |    |    |    | 30.480    | 17.667 | 189.564  | 10         |    |
| 883  |      | 39 | 17 | 12 | 79        | 33.528 | 18.189   | 171.331    | 11 |
|      |      |    |    |    | 36.576    | 18.706 | 169.509  | 12         |    |
|      |      |    |    |    | 39.624    | 19.228 | 171.337  | 13         |    |
|      |      |    |    |    | 42.672    | 19.717 | 160.397  | 14         |    |
|      |      |    |    |    | 45.720    | 20.200 | 158.570  | 15         |    |
|      |      |    |    |    | 48.768    | 20.778 | 189.558  | 16         |    |
|      |      |    |    |    | 51.816    | 21.222 | 145.815  | 17         |    |
|      |      |    |    |    | 54.864    | 21.522 | 98.431   | 18         |    |
|      |      |    |    |    | 57.912    | 21.994 | 154.926  | 19         |    |
|      |      |    |    |    | 60.960    | 22.472 | 156.748  | 20         |    |
| 883  |      | 39 | 17 | 12 | 79        | 64.008 | 22.789   | 103.898    | 21 |
|      |      |    |    |    | 67.056    | 23.150 | 118.471  | 22         |    |
|      |      |    |    |    | 70.104    | 23.506 | 116.653  | 23         |    |
|      |      |    |    |    | 73.152    | 23.911 | 133.054  | 24         |    |
|      |      |    |    |    | 76.200    | 24.261 | 114.831  | 25         |    |
|      |      |    |    |    | 79.248    | 24.622 | 118.476  | 26         |    |
|      |      |    |    |    | 82.296    | 24.917 | 96.604   | 27         |    |
|      |      |    |    |    | 85.344    | 25.222 | 100.244  | 28         |    |
|      |      |    |    |    | 88.392    | 25.506 | 92.959   | 29         |    |
|      |      |    |    |    | 91.440    | 25.844 | 111.187  | 30         |    |
| 883  |      | 39 | 17 | 12 | 79        | 94.488 | 26.172   | 107.537    | 31 |
|      |      |    |    |    | 97.536    | 26.461 | 94.782   | 32         |    |

|     |             |         |        |         |    |
|-----|-------------|---------|--------|---------|----|
|     |             | 100.584 | 26.750 | 94.777  | 33 |
|     |             | 103.632 | 27.067 | 103.893 | 34 |
|     |             | 106.680 | 27.372 | 100.249 | 35 |
|     |             | 109.728 | 27.728 | 116.653 | 36 |
|     |             | 112.776 | 27.983 | 83.843  | 37 |
|     |             | 115.824 | 28.311 | 107.537 | 38 |
|     |             | 118.872 | 28.667 | 116.654 | 39 |
|     |             | 121.920 | 28.972 | 100.248 | 40 |
| 883 | 39 17 12 79 | 124.968 | 29.294 | 105.710 | 41 |
|     |             | 128.016 | 29.633 | 111.187 | 42 |
|     |             | 131.064 | 29.978 | 113.010 | 43 |
|     |             | 134.112 | 30.344 | 120.288 | 44 |
|     |             | 137.160 | 30.633 | 94.787  | 45 |
|     |             | 140.208 | 30.983 | 114.832 | 46 |
|     |             | 143.256 | 31.339 | 116.653 | 47 |
|     |             | 146.304 | 31.694 | 116.649 | 48 |
|     |             | 149.352 | 32.017 | 105.720 | 49 |
|     |             | 152.400 | 32.456 | 143.993 | 50 |

SURFACE INTERCEPT FOR SEGMENT 1 = 12.344

| SEG | ZSTART | TSTART | ZEND   | TEND   | COND & DCON | GRADIENT & S.D. | HFU & DHF   | T AT 100M | KM    |
|-----|--------|--------|--------|--------|-------------|-----------------|-------------|-----------|-------|
| 1   | 15.240 | 14.978 | 51.816 | 21.222 | 2.301 0.000 | 172.734 18.139  | 3.975 1.149 | 29.545    | 1.087 |

| SEG | ZSTART | TSTART | ZEND    | TEND   | COND & DCON | GRADIENT & S.D. | HFU & DHF   | T AT 100M | KM    |
|-----|--------|--------|---------|--------|-------------|-----------------|-------------|-----------|-------|
| 2   | 51.816 | 21.222 | 152.400 | 32.456 | 3.600 0.500 | 108.060 16.910  | 3.975 1.149 | 26.695    | 1.703 |

PRECEDING SEGMENT USED FOR EXTRAPOLATION

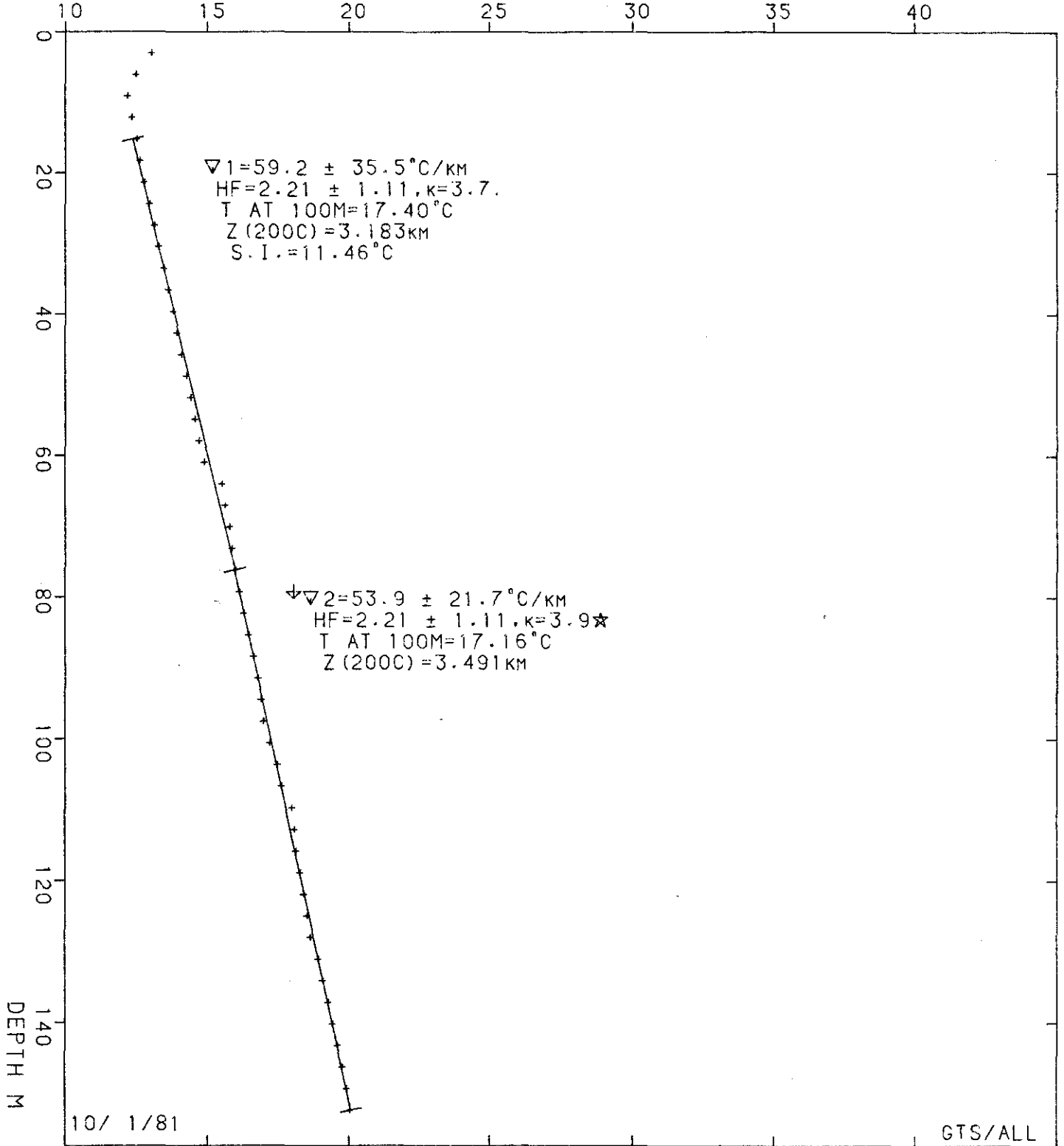
DATA DOCUMENTS INC 10-14-12

BLACK MTS, UT  
HOT SPGS CNYN SEC 17,NW (HUNT)

N.LAT 38.113; W.LONG 113.122

PROJ. 883 WELL 42 18 12 79

TEMPERATURE °C



PROJECT: BLACK MTS, UT

| PROJ | WELL | DA | MO | YR    | WELL TITLE                     | EDITOR  | DRL DATE | LP | LI | ISZ | IST |
|------|------|----|----|-------|--------------------------------|---------|----------|----|----|-----|-----|
| 883  |      | 42 | 18 | 12 79 | HOT SPGS CNYN SEC 17,NW (HUNT) | GTS/ALL | 0 0 0    | 0  | 0  | 1   | 1   |

| YCM     | XCM     | N.LAT   | W.LONG   | ELEV   |
|---------|---------|---------|----------|--------|
| 20.0000 | 18.0000 | 38.1131 | 113.1217 | 1767.8 |

| J | SEG START | SEG END | CONDTVTY & STD DEV. |       |
|---|-----------|---------|---------------------|-------|
| 1 | 15.240    | 76.200  | 0.000               | 0.000 |
| 2 | 76.200    | 152.400 | 3.900               | 0.500 |

PRECEDING CONDUCTIVITY USED TO COMPUTE OTHERS

\*\*\* PREVIOUS SEGMENT USED TO EXTRAPOLATE TO DEPTH \*\*\*

| PROJ | WELL | DA | MO | YR    | DEPTH (M) | DEG C  | DEG C/KM  | SAMPLE NO. |
|------|------|----|----|-------|-----------|--------|-----------|------------|
| 883  |      | 42 | 18 | 12 79 | 3.048     | 13.000 | 99999.000 | 1          |
|      |      |    |    |       | 6.096     | 12.456 | -178.622  | 2          |
|      |      |    |    |       | 9.144     | 12.178 | -91.135   | 3          |
|      |      |    |    |       | 12.192    | 12.328 | 49.213    | 4          |
|      |      |    |    |       | 15.240    | 12.494 | 54.681    | 5          |
|      |      |    |    |       | 18.288    | 12.606 | 36.453    | 6          |
|      |      |    |    |       | 21.336    | 12.750 | 47.389    | 7          |
|      |      |    |    |       | 24.384    | 12.939 | 61.971    | 8          |
|      |      |    |    |       | 27.432    | 13.128 | 61.974    | 9          |
|      |      |    |    |       | 30.480    | 13.267 | 45.567    | 10         |
| 883  |      | 42 | 18 | 12 79 | 33.528    | 13.450 | 60.149    | 11         |
|      |      |    |    |       | 36.576    | 13.606 | 51.035    | 12         |
|      |      |    |    |       | 39.624    | 13.778 | 56.503    | 13         |
|      |      |    |    |       | 42.672    | 13.928 | 49.213    | 14         |
|      |      |    |    |       | 45.720    | 14.089 | 52.857    | 15         |
|      |      |    |    |       | 48.768    | 14.267 | 58.325    | 16         |
|      |      |    |    |       | 51.816    | 14.411 | 47.392    | 17         |
|      |      |    |    |       | 54.864    | 14.556 | 47.389    | 18         |
|      |      |    |    |       | 57.912    | 14.689 | 43.746    | 19         |
|      |      |    |    |       | 60.960    | 14.894 | 67.439    | 20         |
| 883  |      | 42 | 18 | 12 79 | 64.008    | 15.511 | 202.319   | 21         |
|      |      |    |    |       | 67.056    | 15.617 | 34.631    | 22         |
|      |      |    |    |       | 70.104    | 15.767 | 49.213    | 23         |
|      |      |    |    |       | 73.152    | 15.856 | 29.161    | 24         |
|      |      |    |    |       | 76.200    | 15.994 | 45.567    | 25         |
|      |      |    |    |       | 79.248    | 16.133 | 45.568    | 26         |
|      |      |    |    |       | 82.296    | 16.283 | 49.211    | 27         |
|      |      |    |    |       | 85.344    | 16.450 | 54.683    | 28         |
|      |      |    |    |       | 88.392    | 16.622 | 56.505    | 29         |
|      |      |    |    |       | 91.440    | 16.778 | 51.033    | 30         |
| 883  |      | 42 | 18 | 12 79 | 94.488    | 16.911 | 43.749    | 31         |
|      |      |    |    |       | 97.536    | 16.978 | 21.872    | 32         |





BLACK MTS, UT

5.5KM SSW OF GOVT WELL (HUNT)

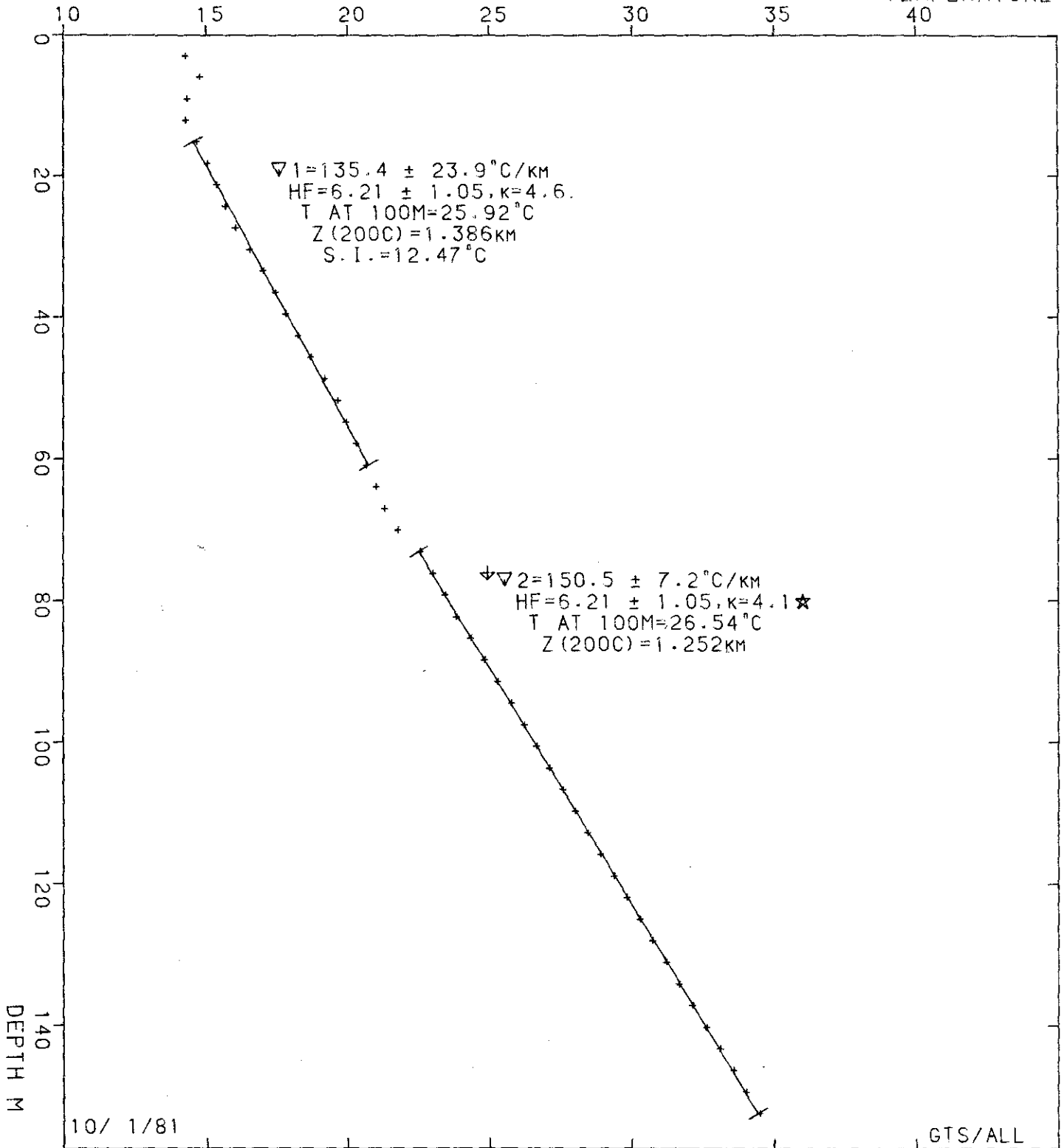
N.LAT 38.129; W.LONG 113.08

PROJ. 883

WELL 50

16 12 79

TEMPERATURE °C



GEOHERMAL LOG, AMAX EXPLORATION, INC., A.L.LANGE  
10/ 1/81

PROJECT: BLACK MTS, UT

| PROJ | WELL | DA | MO | YR | WELL TITLE                    | EDITOR  | DRL DATE | LP | LI | ISZ | IST |
|------|------|----|----|----|-------------------------------|---------|----------|----|----|-----|-----|
| 883  |      | 50 | 16 | 79 | 5.5KM SSW OF GOVT WELL (HUNT) | GTS/ALL | 0 0 0    | 0  | 0  | 1   | 1   |

| YCM     | XCM     | N.LAT   | W.LONG   | ELEV   |
|---------|---------|---------|----------|--------|
| 22.8600 | 23.2500 | 38.1292 | 113.0843 | 1767.8 |

J SEG START SEG END CONDTVTY & STD DEV.

|   |        |         |       |       |
|---|--------|---------|-------|-------|
| 1 | 15.240 | 60.960  | 0.000 | 0.000 |
| 2 | 73.152 | 152.400 | 4.100 | 0.500 |

PRECEEDING CONDUCTIVITY USED TO COMPUTE OTHERS

\*\*\* PREVIOUS SEGMENT USED TO EXTRAPOLATE TO DEPTH \*\*\*

| PROJ | WELL | DA | MO | YR | DEPTH (M) | DEG C  | DEG C/KM  | SAMPLE NO. |
|------|------|----|----|----|-----------|--------|-----------|------------|
| 883  |      | 50 | 16 | 79 | 3.048     | 14.233 | 99999.000 | 1          |
|      |      |    |    |    | 6.096     | 14.756 | 171.333   | 2          |
|      |      |    |    |    | 9.144     | 14.306 | -147.637  | 3          |
|      |      |    |    |    | 12.192    | 14.256 | -16.403   | 4          |
|      |      |    |    |    | 15.240    | 14.656 | 131.234   | 5          |
|      |      |    |    |    | 18.288    | 15.028 | 122.120   | 6          |
|      |      |    |    |    | 21.336    | 15.356 | 107.538   | 7          |
|      |      |    |    |    | 24.384    | 15.656 | 98.424    | 8          |
|      |      |    |    |    | 27.432    | 16.011 | 116.652   | 9          |
|      |      |    |    |    | 30.480    | 16.528 | 169.509   | 10         |
| 883  |      | 50 | 16 | 79 | 33.528    | 17.017 | 160.397   | 11         |
|      |      |    |    |    | 36.576    | 17.450 | 142.170   | 12         |
|      |      |    |    |    | 39.624    | 17.806 | 116.654   | 13         |
|      |      |    |    |    | 42.672    | 18.228 | 138.525   | 14         |
|      |      |    |    |    | 45.720    | 18.667 | 143.992   | 15         |
|      |      |    |    |    | 48.768    | 19.161 | 162.220   | 16         |
|      |      |    |    |    | 51.816    | 19.622 | 151.282   | 17         |
|      |      |    |    |    | 54.864    | 19.917 | 96.604    | 18         |
|      |      |    |    |    | 57.912    | 20.278 | 118.471   | 19         |
|      |      |    |    |    | 60.960    | 20.639 | 118.476   | 20         |
| 883  |      | 50 | 16 | 79 | 64.008    | 20.994 | 116.654   | 21         |
|      |      |    |    |    | 67.056    | 21.289 | 96.604    | 22         |
|      |      |    |    |    | 70.104    | 21.772 | 158.570   | 23         |
|      |      |    |    |    | 73.152    | 22.550 | 255.180   | 24         |
|      |      |    |    |    | 76.200    | 23.000 | 147.637   | 25         |
|      |      |    |    |    | 79.248    | 23.439 | 143.992   | 26         |
|      |      |    |    |    | 82.296    | 23.839 | 131.236   | 27         |
|      |      |    |    |    | 85.344    | 24.339 | 164.038   | 28         |
|      |      |    |    |    | 88.392    | 24.806 | 153.108   | 29         |
|      |      |    |    |    | 91.440    | 25.261 | 149.459   | 30         |
| 883  |      | 50 | 16 | 79 | 94.488    | 25.733 | 154.926   | 31         |
|      |      |    |    |    | 97.536    | 26.189 | 149.465   | 32         |

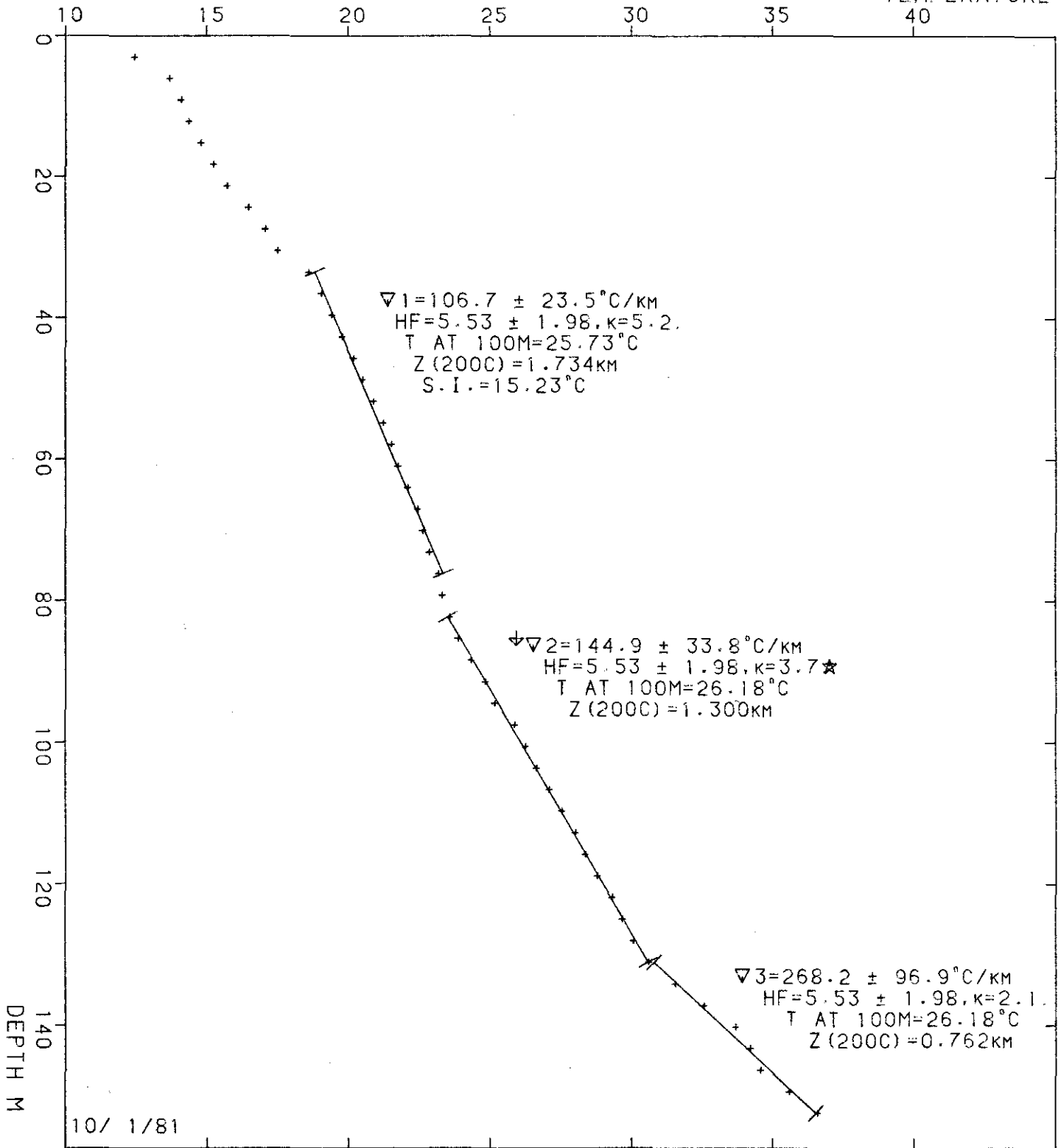


BLACK MTS, UT  
5.8KM S OF GOVT WELL (HUNT)

N. LAT 38.126; W. LONG 113.072

PROJ. 883 WELL 51 16 12 79

TEMPERATURE °C



GEOHERMAL LOG, AMAX EXPLORATION, INC., A.L.LANGE  
10/ 1/81

PROJECT: BLACK MTS, UT

| PROJ | WELL | DA | MO | YR    | WELL TITLE                  | EDITOR | DRL DATE | LP | LI | ISZ | IST |
|------|------|----|----|-------|-----------------------------|--------|----------|----|----|-----|-----|
| 883  |      | 51 | 16 | 12 79 | 5.8KM S OF GOVT WELL (HUNT) |        | 0 0 0    | 0  | 0  | 1   | 1   |

| YCM     | XCM     | N.LAT   | W.LONG   | ELEV   |
|---------|---------|---------|----------|--------|
| 22.3000 | 25.0000 | 38.1261 | 113.0718 | 1789.2 |

| J | SEG START | SEG END | CONDTVTY & STD DEV. |       |
|---|-----------|---------|---------------------|-------|
| 1 | 33.528    | 76.200  | 0.000               | 0.000 |
| 2 | 82.296    | 131.064 | 3.700               | 0.500 |

PRECEDING CONDUCTIVITY USED TO COMPUTE OTHERS

\*\*\* PREVIOUS SEGMENT USED TO EXTRAPOLATE TO DEPTH \*\*\*

|   |         |         |       |       |
|---|---------|---------|-------|-------|
| 3 | 131.064 | 152.400 | 0.000 | 0.000 |
|---|---------|---------|-------|-------|

| PROJ | WELL | DA | MO | YR | DEPTH (M) | DEG C | DEG C/KM | SAMPLE NO. |
|------|------|----|----|----|-----------|-------|----------|------------|
|------|------|----|----|----|-----------|-------|----------|------------|

|     |  |    |    |       |        |        |           |    |
|-----|--|----|----|-------|--------|--------|-----------|----|
| 883 |  | 51 | 16 | 12 79 | 3.048  | 12.428 | 99999.000 | 1  |
|     |  |    |    |       | 6.096  | 13.672 | 408.283   | 2  |
|     |  |    |    |       | 9.144  | 14.078 | 133.056   | 3  |
|     |  |    |    |       | 12.192 | 14.350 | 89.313    | 4  |
|     |  |    |    |       | 15.240 | 14.783 | 142.169   | 5  |
|     |  |    |    |       | 18.288 | 15.222 | 143.991   | 6  |
|     |  |    |    |       | 21.336 | 15.722 | 164.044   | 7  |
|     |  |    |    |       | 24.384 | 16.456 | 240.592   | 8  |
|     |  |    |    |       | 27.432 | 17.056 | 196.852   | 9  |
| 883 |  | 51 | 16 | 12 79 | 30.480 | 17.494 | 143.993   | 10 |
|     |  |    |    |       | 33.528 | 18.583 | 357.244   | 11 |
|     |  |    |    |       | 36.576 | 19.033 | 147.637   | 12 |
|     |  |    |    |       | 39.624 | 19.411 | 123.948   | 13 |
|     |  |    |    |       | 42.672 | 19.778 | 120.298   | 14 |
|     |  |    |    |       | 45.720 | 20.194 | 136.698   | 15 |
|     |  |    |    |       | 48.768 | 20.517 | 105.715   | 16 |
|     |  |    |    |       | 51.816 | 20.900 | 125.765   | 17 |
|     |  |    |    |       | 54.864 | 21.244 | 113.009   | 18 |
|     |  |    |    |       | 57.912 | 21.539 | 96.604    | 19 |
|     |  |    |    |       | 60.960 | 21.772 | 76.549    | 20 |
| 883 |  | 51 | 16 | 12 79 | 64.008 | 22.111 | 111.187   | 21 |
|     |  |    |    |       | 67.056 | 22.444 | 109.360   | 22 |
|     |  |    |    |       | 70.104 | 22.650 | 67.443    | 23 |
|     |  |    |    |       | 73.152 | 22.872 | 72.905    | 24 |
|     |  |    |    |       | 76.200 | 23.189 | 103.893   | 25 |
|     |  |    |    |       | 79.248 | 23.328 | 45.566    | 26 |
|     |  |    |    |       | 82.296 | 23.589 | 85.670    | 27 |
|     |  |    |    |       | 85.344 | 23.889 | 98.422    | 28 |
|     |  |    |    |       | 88.392 | 24.333 | 145.814   | 29 |
|     |  |    |    |       | 91.440 | 24.828 | 162.220   | 30 |
|     |  |    |    |       | 883    |        | 51        | 16 |

DATA DOCUMENTS INC. 10-1412

|     |             |         |        |         |    |
|-----|-------------|---------|--------|---------|----|
|     |             | 97.536  | 25.883 | 236.953 | 32 |
|     |             | 100.584 | 26.250 | 120.298 | 33 |
|     |             | 103.632 | 26.639 | 127.587 | 34 |
|     |             | 106.680 | 27.083 | 145.815 | 35 |
|     |             | 109.728 | 27.528 | 145.819 | 36 |
|     |             | 112.776 | 28.006 | 156.748 | 37 |
|     |             | 115.824 | 28.361 | 116.653 | 38 |
|     |             | 118.872 | 28.778 | 136.699 | 39 |
|     |             | 121.920 | 29.317 | 176.807 | 40 |
| 883 | 51 16 12 79 | 124.968 | 29.672 | 116.649 | 41 |
|     |             | 128.016 | 30.072 | 131.236 | 42 |
|     |             | 131.064 | 30.611 | 176.798 | 43 |
|     |             | 134.112 | 31.550 | 308.029 | 44 |
|     |             | 137.160 | 32.561 | 331.733 | 45 |
|     |             | 140.208 | 33.678 | 366.357 | 46 |
|     |             | 143.256 | 34.194 | 169.514 | 47 |
|     |             | 146.304 | 34.556 | 118.476 | 48 |
|     |             | 149.352 | 35.606 | 344.484 | 49 |
|     |             | 152.400 | 36.594 | 324.436 | 50 |

SURFACE INTERCEPT FOR SEGMENT 1 = 15.231

| SEG | ZSTART | TSTART | ZEND   | TEND   | COND & DCON | GRADIENT & S.D. | HFU & DHF   | T AT 100M | KM    |
|-----|--------|--------|--------|--------|-------------|-----------------|-------------|-----------|-------|
| 1   | 33.528 | 18.583 | 76.200 | 23.189 | 5.186 0.000 | 106.663 23.522  | 5.532 1.975 | 25.727    | 1.734 |

| SEG | ZSTART | TSTART | ZEND    | TEND   | COND & DCON | GRADIENT & S.D. | HFU & DHF   | T AT 100M | KM    |
|-----|--------|--------|---------|--------|-------------|-----------------|-------------|-----------|-------|
| 2   | 82.296 | 23.589 | 131.064 | 30.611 | 3.700 0.500 | 144.933 33.795  | 5.532 1.975 | 26.180    | 1.300 |

PRECEDING SEGMENT USED FOR EXTRAPOLATION

| SEG | ZSTART  | TSTART | ZEND    | TEND   | COND & DCON | GRADIENT & S.D. | HFU & DHF   | T AT 100M | KM    |
|-----|---------|--------|---------|--------|-------------|-----------------|-------------|-----------|-------|
| 3   | 131.064 | 30.611 | 152.400 | 36.594 | 2.062 0.000 | 268.242 96.944  | 5.532 1.975 | 26.180    | 0.762 |