Station #: 17

Project Name: H. E. W.
Job Number: 515.267
Local Date: 11/23/97
Name: J.R.

TO-REACH DIRECTIONS

From 281/23 In Blanchester
Go South on RT 123 for 1.4 miles to STA. On Right

REFERENCES

<table>
<thead>
<tr>
<th>Reference Object</th>
<th>Distance</th>
<th>Azimuth</th>
</tr>
</thead>
<tbody>
<tr>
<td>PP</td>
<td>~83'</td>
<td></td>
</tr>
<tr>
<td>FH</td>
<td>~9'</td>
<td></td>
</tr>
<tr>
<td>C 123</td>
<td>~25'</td>
<td></td>
</tr>
</tbody>
</table>

VISIBILITY DIAGRAM

- No Obstructions
### GPS STATION LOG

<table>
<thead>
<tr>
<th>Station Name:</th>
<th>1012 = 12</th>
<th>Project Name:</th>
<th>CUN-3N 60</th>
</tr>
</thead>
<tbody>
<tr>
<td>Receiver No.:</td>
<td>01</td>
<td>Job Number:</td>
<td>57520</td>
</tr>
<tr>
<td>Day of Year:</td>
<td>109</td>
<td>Local Date:</td>
<td>18 APR. 00</td>
</tr>
<tr>
<td>Session No.:</td>
<td>C</td>
<td>Operator:</td>
<td>34M</td>
</tr>
</tbody>
</table>

#### C/A CODE POSITION

<table>
<thead>
<tr>
<th>Lat: 39° 16' 36.91&quot; N</th>
<th>Trimble:</th>
<th>4000 SSE, 4000 SSI, Other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Long: 083° 58' 32.07&quot; W</td>
<td>Antenna:</td>
<td>Kinematic, Compact, Groundplane, Dome</td>
</tr>
<tr>
<td>Ellip. Height: 283.1 M</td>
<td>Battery No.:</td>
<td></td>
</tr>
</tbody>
</table>

#### Antenna H.I.

<table>
<thead>
<tr>
<th>Before: 2.063 M 6.768 Ft</th>
<th>Actual =&gt; Start 18:02 Stop 19:05 UTC</th>
</tr>
</thead>
<tbody>
<tr>
<td>After: 2.063 M 6.768 Ft</td>
<td>Start 14:02 Stop 15:05 Local</td>
</tr>
</tbody>
</table>

#### SV's Used:

| M, D4, D7, D4, D16 |

#### Remarks:

<table>
<thead>
<tr>
<th>Remarks:</th>
<th>WET: 48.6°F</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>REL HUM: 57%</td>
</tr>
<tr>
<td></td>
<td>DAY: 56.3°F</td>
</tr>
<tr>
<td></td>
<td>BAR. PRES: 29.01 &quot;Hg</td>
</tr>
</tbody>
</table>

### Type of Mark: BRAZED SURVEY DISK

<table>
<thead>
<tr>
<th>Stamping:</th>
<th>BRONZE SURVEY DISK</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agency:</td>
<td>CLINTON &amp; ASSOC.</td>
</tr>
</tbody>
</table>
**GPS STATION LOG**

<table>
<thead>
<tr>
<th>Station Name:</th>
<th>1012</th>
</tr>
</thead>
<tbody>
<tr>
<td>Receiver No.:</td>
<td>01</td>
</tr>
<tr>
<td>Day of Year:</td>
<td>109</td>
</tr>
<tr>
<td>Session No.:</td>
<td>8</td>
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</table>

<table>
<thead>
<tr>
<th>Project Name:</th>
<th>CLUSTER 60</th>
</tr>
</thead>
<tbody>
<tr>
<td>Job Number:</td>
<td>57526</td>
</tr>
<tr>
<td>Local Date:</td>
<td>18 APR 00</td>
</tr>
<tr>
<td>Operator:</td>
<td>JSM</td>
</tr>
</tbody>
</table>

**C/A CODE POSITION**

- **Lat:** 39° 16' 38.80" N
- **Long:** 083° 58' 32.20" W
- **Ellip. Height:** 230.9 M

**Trimble:** 4000 SSE, 4000 SSI, Other

**Antenna:** Kinematic, Compact

**Battery No.:**

**Tribrach No.:**

**File Name:** 0001-109-3

**Antenna H.I.**

- **Before:** 2.063 M 6.762 Ft
- **After:** 2.063 M 6.762 Ft

**Actual >> Start 16:59 Stop 17:54 UTC**

**Start 12:59 Stop 13:54 Local**

**Local-UTC Time Offset:** 4 hr

**SV's Used:** 02, 04, 07, 09, 16

**Weather:** 01111

**Description:**

**ANT:** 0220014069  
**REC:** 3251A02226

**THE STATION IS:**

- **28.44 m 164° of utility pole**
- **12.78 m 559° of utility pole 1ct-4443**
- **m 250° of the d of HWY 123**
- **2.945 m 319° of a blue fire hydrant**
- **m 343° of a white w/p**

**Remarks:**

<table>
<thead>
<tr>
<th>Wet:</th>
<th>54.9°F</th>
<th>Bar:</th>
<th>29.03 in Hg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dry:</td>
<td>48.9°F</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rel. Hum:</td>
<td>67%</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Indicate North**

**Agency:** AUDITOR/ENGINEER

**Stamping:** 2000 12

**Mark:** Dec 25
GPS STATION LOG

Station Name: 1012
Receiver No.: 14
Day of Year: 110
Session No.: A

Project Name: CLINTON CO.
Job Number: 67526
Local Date: 4-18-00
Operator: T.J. O.J. T.E.R.

C/A CODE POSITION
Lat: 39° 16' 37" N
Long: 83° 22' W
Ellip. Height: 2.63 M

Trimble: 4000 SSE, 4000 SSI, Other
Antenna: Kinematic, Compact, Groundplane, Dome
Battery No.: 14-557-55
Tribrach No.: 
File Name: 0014-110-A

Antenna H.I. => Before: 2.063 M 82 Ft
After: 2.063 M 82 Ft
Actual => Start 12:14 Stop 13:01 UTC
Start 8:14 Stop 9:01 Local
Local-UTC Time Offset: 4

SV's Used: 01 07 03 02 31 15 18 9
Weather: 01111

Rapid Static, Static, Kinematic Survey

SVs Used: 01 07 03 02 31 15 18 9
Weather: 01111

Sketch:

Description:

Type of Mark: CONE M N W/ DISC
Agency: CLINTON CO.

Remarks:
DRY 57.4
WET 51.1
R = 30.5 ft
DRESS 29.0 ft

Indicate North