

GPS OCCUPATION LOG SHEET

Site information

Four-character ID: ~~MXCT~~ **MXCT**
 Site name: ~~Mex: -cate~~ **Mex: -cate**
 Observer(s): **BL**
 Agency/ies: **UCR**
 Log written by: **BL**

Equipment information

Antenna model: **Trimble Zephyr Geodetic**
 Antenna P/N: **41249 00DC 4752**
 Antenna S/N: **60219588**
 Receiver model: **Trimble R7**
 Receiver P/N: **63593-31**
 Receiver S/N: **0220413522**

Setup information

Start

PDT

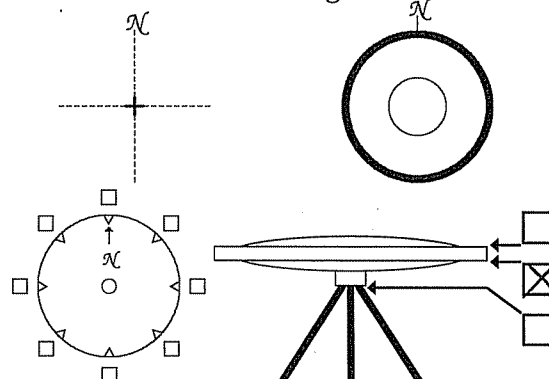
Local time (24-hour HH:MM): **15 : 49** TZ: **Pacific**
 Calendar date (YYYY/MM/DD): **2010 / 04 / 07**
 Antenna heights: ☐ Vertical ☒ Slant (select one only)
 Measured to: ~~Middle of Mark~~ **BOTTOM OF GROUND PLANE**
 H.I. mark Measurement (☐m ☒cm) Measurement (☐ft ☒in)
18 **120.10** **3.940**
6 **120.10** **3.940**
3 **120.10** **3.940**

Tripod/spike mount legs secured and tightened? ☒ Y / N
 Antenna centered? ☒ Y / N
 Antenna horizontal? ☒ Y / N
 Antenna to true north? Declination **15.0°E** ☒ W ☒ Y / N
 All antenna fixtures tightened? ☒ Y / N
 Receiver on with adequate power? ☒ Y / N
 Satellites fully acquired? ☒ Y / N
 Receiver actively logging? ☒ Y / N

Finish

Local time (24-hour HH:MM): **08 : 59** TZ: **PDT**
 Calendar date (YYYY/MM/DD): **2010 / 04 / 10**
 Antenna heights: ☐ Vertical ☐ Slant (select one only)
 Measured to:
 H.I. mark Measurement (☐m ☐cm) Measurement (☐ft ☐in)

Antenna diagrams



FOR OFFICE USE

Data file name: **35220970.t01**
 Antenna IGS code: **TRM41249.00**
 Receiver IGS code: **TRIMBLE R7**
 Start time (UTC): **22 : 49 : 45**
 Julian day (YYYY DOY): **2010 097**
 GPS week (WWWW D): **1578 3**
 Average measurement: **1.2010** m ☒ Slant ☐ Vertical
 Mean of average measurements: **1.2010** m ☒ Slant ☐ Vert.

RINEX file name: **mxct0971.100**
 Observables: ☒ L1 ☒ L2 ☐ L2² ☒ C1 ☐ P1 ☒ P2
 Logging interval: **15** s
 Finish time (UTC): **15 : 59 : 30**
 Julian day (YYYY DOY): **2010 100**
 GPS week (WWWW D): **1578 6**
 Average measurement: m ☐ Slant ☐ Vertical
 RINEX conventional height: **1.1446** m

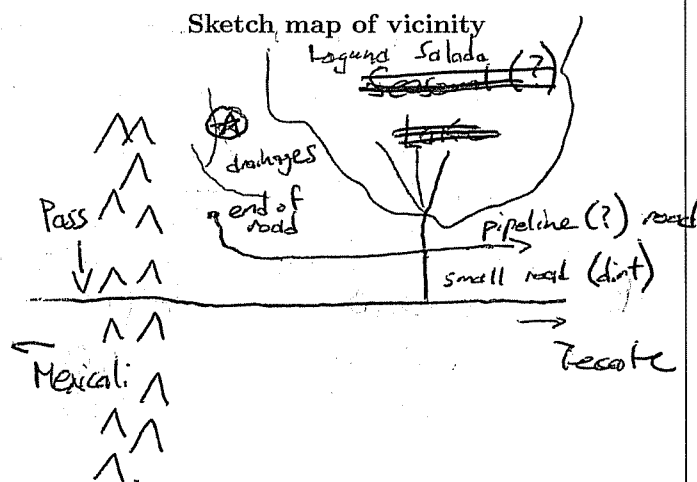
Mark details

Inscription: "2010"

Description:

Monument is a 15cm steel
pin set in rock with epoxy.

Sketch of mark



Additional comments

- 12.75 V starting voltage
- Coordinates: 32.57106° N
115.72410° W
- "Mexi-cate" = Mexicali + Tecate