



Station Designation: **299 SHA 64.85**

General Location: **SHA 299 1.5 MILES EAST OF MOOSE CAMP ROAD**

4 Character ID: **2KM4** UTC Date: **09/27/2004**

Station PID: Station Serial No.: **2029** UTC Julian Day: **271**

Project Name: **Caltrans North Region Height Modernization Survey** Project No.: **GPS1988** Session ID: **B**

NAD83 Latitude: **N 40-51-53.8** NAD83 Longitude: **W 121-49-14.1** NAD83 Ellipsoid Height: Agency Name: **Caltrans (CA. DOT)**

NAVD88 Orthometric Height: Agency Code: **CADT**

Operator Name: **TYLER ANDERSEN**

For information contact Don Campbell at (707) 445-6343 or Don_Campbell@dot.ca.gov

UTC Session Times: LOCAL (-7hr) Epoch Interval 15 Sec. Elevation Mask 15 Deg.

Sch. Start **1735** Stop **1835** Sch. Start **1035** Stop **1135**

Actual Start **1730** Stop **1840** Actual Start **1030** Stop **1140**

GEIOD03 Geoid Height: Equipment Package ID: **D2-02**

Receiver Brand and Model: **Trimble 5700** Antenna Code, Brand and Model: **Trimble Zephyr Geodetic**

P/N: **40406-46** P/N: **41249-00**

S/N: **044010045B** S/N: **12237016**

Firmware Version: **2.01** Cable Length: 3 m 5 m 10 m Other (specify):

Antenna plumb before session? Y N

Antenna plumb after session? Y N

Antenna oriented to magnetic north? Y N

Tripod or Antenna Mount (check one): Fixed Height Tripod Collapsible Tripod

Brand and Model: **SECO 1.8m**

ANTENNA HEIGHT	Begin Session	End Session
A = Datum point to top of tripod	1.800	1.800
B = Additional offset to ARP if any		
H = Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)	1.800	1.800

P/N: **5117-00-YEL**

S/N: **D2-02**

Note and/or sketch ANY unusual conditions. Be VERY EXPLICIT as to where and how measured!

Data File Name(s): **045B2711.T01**
2KM4 271B.dat

(Standard NGS Format = aaaaddds.xxx) where aaaa = 4 character ID, ddd = UTC Julian Day, s = Session ID, xxx = file dependent extension

Updated station description: Attached Completed earlier

Visibility obstruction diagram: Attached Completed earlier

Photographs of station: Attached Completed earlier

Station rubbing: Attached

5 Digit Weather Code

Start of Session: **00000** Middle of Session: **00006** End of Session: **00000**

Code	PROBLEM	VISIBILITY	TEMPERATURE	CLOUD COVER	WIND
0	No Problems	Good, over 15 miles	Normal, 32° F to 80° F	Clear, below 20%	Calm, under 5 mph
1	Problems	Fair, 7 to 15 miles	Hot, over 80° F	Cloudy, 20% to 70%	Moderate, 5 to 15 mph
2	- Not Used -	Poor, Under 7 miles	Cold, below 32° F	Overcast, over 70%	Strong, over 15 mph

Notes, comments, remarks: