



Station Designation: **299 SHA 59.17**

General Location: **SHA 299 2.4 MILES EAST OF MONTGOMERY CREEK**

4 Character ID: **2KL1** UTC Date: **09/27/2004**

Station PID: Station Serial No.: **2028** Session ID: **B**

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

NAD83 Latitude: **N 40-51-33.0** NAD83 Longitude: **W 121-54-30.2** NAD83 Ellipsoid Height: Agency Name: **Caltrans (CA. DOT)**

UTC Session Times: LOCAL (-7hr) Epoch Interval 15 Sec. NAVD88 Orthometric Height: Agency Code: **CADT**

Sch. Start **1735** Stop **1835** Sch. Start **1035** Stop **1135** Elevation Mask 15 Deg. GEOID03 Geoid Height: Operator Name: **HOWARD BREAZEALE**

Actual Start **1726** Stop **1936** Actual Start **1026** Stop **1136** For information contact Don Campbell at (707) 445-6343 or Don\_Campbell@dot.ca.gov

Receiver Brand and Model: **Trimble 5700** Antenna Code, Brand and Model: **Trimble Zephyr Geodetic** Equipment Package ID: **D2-01**

P/N: **40406-46** P/N: **41249-00** Antenna plumb before session?  Y  N

S/N: **0740100989** S/N: **11709466** Antenna plumb after session?  Y  N

Firmware Version: **2.01** Cable Length:  3 m  5 m  10 m  Other (specify): Antenna oriented to magnetic north?  Y  N

Tripod or Antenna Mount (check one): <input checked="" type="checkbox"/> Fixed Height Tripod <input type="checkbox"/> Collapsible Tripod Brand and Model: <b>SECO 1.8m</b>	ANTENNA HEIGHT		Begin Session	End Session
	A = Datum point to top of tripod		<b>1.800</b>	<b>1.800</b>
B = Additional offset to ARP if any				
H = Antenna Height = A + B = Datum Point to Antenna Reference Point (ARP)		<b>1.800</b>	<b>1.800</b>	

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

P/N: **5117-00-YEL**  
S/N: **D2-01**

Data File Name(s): **09892711.T01**  
**2KL1 271B.DAT**  
(Standard NGS Format = aaaadddd.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:  Middle of Session:  End of Session:

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:

