



Station Designation: **96 SIS 21.71**

General Location: **SOUTH OF ELLIOT CREEK**

4 Character ID: **2SA1** UTC Date: **11/09/2004**

Station PID: Station Serial No.: **2094** UTC Julian Day: **314**

Project Name: **Caltrans North Region Height Modernization Survey** Project No.: **GPS1988** Station Serial No.: **2094** Session ID: **E**

NAD83 Latitude: **N 41-35-31.1** NAD83 Longitude: **W 123-30-38.2** NAD83 Ellipsoid Height: **120.000**

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

Sch. Start **2300** Stop **0000** Sch. Start **1500** Stop **1600** Elevation Mask: **15 Deg.** GEOID03 Geoid Height:

Actual Start **2310** Stop **0016** Actual Start **1510** Stop **1616**

Agency Name: **Caltrans (CA. DOT)** Agency Code: **CADT** Operator Name: **KIP ROBARDS**

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**

P/N: **40406-46** P/N: **41249-00** S/N: **D220308797** S/N: **12379338** Cable Length: 3 m 5 m 10 m Other (specify):

Firmware Version: **2.01**

Equipment Package ID: **D2-09**

Antenna plumb before session? N
Antenna plumb after session? N
Antenna oriented to magnetic north? N

Tripod or Antenna Mount (check one): Fixed Height Tripod Collapsible Tripod
Brand and Model: **SECO 1.8m**

P/N: **5117-00-YEL**
S/N: **D2-09**

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

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

Data File Name(s): **8797 314A, TOI 2SA1 314E, 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: **02020** Middle of Session: **02020** End of Session: **02020**

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:

