PLSS GPS Observation Sheet

Project Name (Meridian Township Range)	Township	½ (2)	N S	Range	½ (2)	E W	Section	Meridian
SLT21S20W	T 21		S	01		W	001	SL / US

Contacts Name	Trevor Gadd
Contacts Phone	435-896-8266
Source Agency	BLM
Date	2/1/05

Control Station

Name	Type: COR / HARN / TRI / Other				Accuracy: Order	B
USGS Quad Name: Redmond	Datum: Nad27 / Nad83 / Nad83 (1994) / WGS84 / Local				State	Utah
					County	Sevier

Latitude	Longitude
N 39-01-05.93485	W 111-51-09.46912
Northing	**Easting**
6812640.60	1540516.91

Units	Survey Foot / International Foot / Meter	Coordinate Type	State Plane / UTM modified
Zone	Utah North / Utah Central / Utah South	Vertical Datum	NGVD29 / NAVD88
Ellipsoid Height	M 5029.21 FT	Geoid Height	M 66.32 FT

Base Receiver

Type: Trimble	Model: 4700			Serial Number: 20217675	
Logging Interval	Elevation Mask: 13	PDOP Mask: 6		Antenna Type: micro-centered L1/L2 w/GP	
Start Time AM PM		End Time AM PM			

Antenna Height

Session Beginning	1st M	2nd M	3rd M	Ave M
Session End	1st M	2nd M	3rd M	Ave M

Rover Receiver

Type: Trimble	Model: 4700		Serial Number: 20202617
Approximate Distance From Base Station	Miles	Antenna Type: micro-centered L1/L2	Antenna Height: 7.10

Station Observation

Observation Type: RTK / FAST STATIC / STATIC / OTHER

First Observation

Station Name (M1)	29	Description	Northeast corner of section 1
Occupation time	1 min.	PDOP Best	RMS Best
Number of Measurements	60	PDOP Worst	RMS Worst

Second Observation

Station Name (M2)		Description	
Occupation time		PDOP Best	RMS Best
Number of Measurements		PDOP Worst	RMS Worst

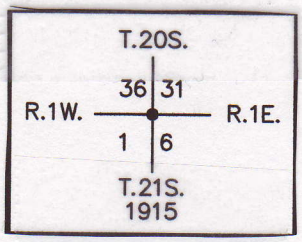
Inverse Distance Between M1 and M2	FT	Alternate Base Station Used	Yes / No

Monument and Markings

Type / Size

Stone	Pipe/Cap	Post	Other
Size	Size 3" ø x 36" long	Size	Size
Material	Material Brass / Steel	Material	Material

Sketch/Rubbing or Attach Photo of GPS Station Occupied
Show rotation of stampings/markings relative to North and describe briefly



Corner set at a fence intersection.

(U.S.G.L.O. Cap)