

PLSS GPS Observation Sheet

Project Name SL T15S R10E <small>(Meridian Township Range)</small>		Township		½ (2)	N S	Range		½ (2)	E W	Section			Meridian																	
		T	1	5		S	1	0		E			(SL)	US																
Contacts Name Lee M. Swasey		Source Agency JOHANSEN & TUTTLE ENGINEERING							Date 12/05/05																					
Contacts Phone (435) 381-2523																														
Control Station																														
Name CP-WEST		Type <input checked="" type="radio"/> Other LOCAL SURVEY							Accuracy Order																					
USGS Quad Name ELMO UTAH		COR	HARN	TRI	Datum <input checked="" type="radio"/> Nad83 (1994)			WGS84	Local	State UTAH County EMERY																				
Latitude							Longitude																							
N	3	9	-	2	8	-	0	8	.	2	2	8	1	8	W	1	1	0	-	4	7	-	1	5	.	1	3	2	7	7
Northing							Easting																							
6	9	7	6	1	1	2	.	8	0						1	8	4	1	5	4	5	.	4	0						
Units				Survey Foot		<input checked="" type="radio"/> International Foot		Meter			Coordinate Type				<input checked="" type="radio"/> State Plane UTM															
Zone		Utah North		<input checked="" type="radio"/> Utah Central		Utah South			Vertical Datum				NGVD29		<input checked="" type="radio"/> NAVD88															
Ellipsoid Height		1711.15 M			FT			Geoid Height				M		5671.75 FT																
Base Receiver																														
Type TRIMBLE				Model 4000 SSI				Serial Number																						
Logging Interval		5 SEC.		Elevation Mask		13		PDOP Mask		6		Antenna Type L1/L2 w/GROUND PLANE																		
Start Time				AM		PM		End Time				AM		PM																
Antenna Height																														
Session Beginning		1 st		M		2 nd		M		3 rd		M		Ave 4.482 Feet M																
Session End		1 st		M		2 nd		M		3 rd		M		Ave M																
Rover Receiver																														
Type TRIMBLE				Model 5800				Serial Number 4253117118																						
Approximate Distance From Base Station				Miles		Antenna Type 5800 INTERNAL				Antenna Height 6.6 FT																				
Station Observation																														
Observation Type		<input checked="" type="radio"/> RTK		FAST STATIC			STATIC			OTHER																				
First Observation																														
Station Name (M1)		2	4	0	1	0	0	Description S 1/4 corner Sec. 32																						
Occupation time				PDOP Best				RMS Best																						
Number of Measurements 60				PDOP Worst 2.0				RMS Worst 11.7																						
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 2½ / 3¼ 1969 BLM				Size				Size																			
Material			Material steel / brass				Material				Material																			

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

See Emery County Land Survey Monument Record Sheet 1510240100