

PLSS GPS Observation Sheet

Project Name SL T21S R15E (Meridian Township Range)		Township 2 1		1/2 (2) N S	Range 1 5		1/2 (2) E W	Section		Meridian (SL) US																					
Contacts Name Lee M. Swasey		Source Agency JOHANSEN & TUTTLE ENGINEERING						Date 08/12/09																							
Contacts Phone (435) 381-2523																															
Control Station																															
Name CP-4		COR			HARN			TRI			Type (Other) EMERY COUNTY		Accuracy																		
		USGS Quad Name GREEN RIVER, UTAH		Nad27		Nad83		Datum (Nad83 1994)		WGS84		Local		Order State UTAH County EMERY																	
Latitude						Longitude																									
N	3	8	-	5	9	-	2	4	.	6	4	2	8	8	W	1	1	0	-	1	4	-	3	8	.	8	0	8	9	9	
Northing						Easting																									
6	8	0	3	4	3	7	.	6	5						1	9	9	7	3	9	2	.	0	9							
Units		Survey Foot		(International Foot)		Meter		Coordinate Type				(State Plane)		UTM																	
Zone		Utah North		(Utah Central)		Utah South		Vertical Datum				NGVD29		(NAVD88)																	
Ellipsoid Height		M		4197.18		FT		Geoid Height				M		4263.10		FT															
Base Receiver																															
Type TRIMBLE				Model 4000 SSI				Serial Number 3508A09833																							
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		4.93		FT													
Session End		1 st		M		2 nd		M		3 rd		M		Ave		M															
Rover Receiver																															
Type TRIMBLE				Model 5800				Serial Number 4616113795																							
Approximate Distance From Base Station 1.3 Miles				Antenna Type 5800 INTERNAL				Antenna Height 6.89FT																							
Station Observation																															
Observation Type		(RTK)		FAST STATIC		STATIC		OTHER																							
First Observation																															
Station Name (M1)		5		0		0		6		0		0		Description NE Cor. Sec. 10																	
Occupation time		00:01:00		PDOP Best				RMS Best																							
Number of Measurements		60		PDOP Worst 3.61				RMS Worst 0.001M																							
Second Observation																															
Station Name (M2)		2		4		2		Description Check																							
Occupation time		00:00:02		PDOP Best				RMS Best																							
Number of Measurements		3		PDOP Worst 3.63				RMS Worst 0.001M																							
Inverse Distance Between M1 and M2				0.11		FT		Alternate Base Station Used				Yes		(No)																	
Monument and Markings																															
Type / Size																															
Stone		Pipe/Cap				Post				Other																					
Size		Size 2inch/3 inch				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
Record Sheet 2115500600