

PLSS GPS Observation Sheet

Project Name SL T21S R15E (Meridian Township Range)		Township		½ (2)	N S	Range		½ (2)	E W	Section		Meridian																		
		2	1		S	1	5		E			(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-5		COR			HARN			TRI			Type (Other) EMERY COUNTY			Accuracy																
		USGS Quad Name JESSIES TWIST, UTAH		Datum (Nad83 1994)			WGS84		Local		State UTAH		County EMERY																	
Latitude							Longitude																							
N	3	8	-	5	8	-	1	4	.	3	2	1	1	1	W	1	1	0	-	1	7	-	0	0	.	2	2	9	7	0
Northing							Easting																							
6	7	9	6	1	6	9	.	2	5						1	9	8	6	3	2	3	.	6	4						
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		4272.73		FT		Geoid Height				M		4338.39		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		4.76		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				2.0		Miles		Antenna Type 5800 INTERNAL				Antenna Height 6.89FT																		
Station Observation																														
Observation Type		(RTK)		FAST STATIC		STATIC		OTHER																						
First Observation																														
Station Name (M1)		2	0	0	5	0	0	Description NE Cor. Sec. 18																						
Occupation time				00:01:24				PDOP Best				RMS Best																		
Number of Measurements				30				PDOP Worst				11.69				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 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 2115200500