

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				2.2 Miles		Antenna Type 5800 INTERNAL				Antenna Height 6.89FT																				
Station Observation																														
Observation Type		(RTK)		FAST STATIC		STATIC		OTHER																						
First Observation																														
Station Name (M1)		1	0	0	3	0	0	Description NW Cor. Sec. 30 CC																						
Occupation time				00:01:14				PDOP Best				RMS Best																		
Number of Measurements				60				PDOP Worst 1.35				RMS Worst 0.066M																		
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 2115100300