

PLSS GPS Observation Sheet

Project Name SL T16S R10E <small>(Meridian Township Range)</small>				Township		½ (2)	N S	Range		½ (2)	E W	Section			Meridian															
				T	1	6		S	1	0		E			(SL)	US														
Contacts Name Lee M. Swasey				Source Agency JOHANSEN & TUTTLE ENGINEERING							Date 12/06/05																			
Contacts Phone (435) 381-2523																														
Control Station																														
Name CP-WEST				Type Other LOCAL SURVEY							Accuracy Order																			
				COR	HARN	TRI																								
USGS Quad Name ELMO UTAH				Datum Nad83 (1994)							State UTAH																			
				Nad27	Nad83			WGS84	Local	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			International Foot			Meter				Coordinate Type				State Plane		UTM										
Zone				Utah North			Utah Central			Utah South				Vertical Datum				NGVD29		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				(RTK)			FAST STATIC			STATIC				OTHER																
First Observation																														
Station Name (M1)				7	0	0	5	4	0	Description							E 1/4 corner Sec. 12													
Occupation time				PDOP Best				RMS Best																						
Number of Measurements				60				PDOP Worst				3.4			RMS Worst				14.2											
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				2005 ECS				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 1610700540