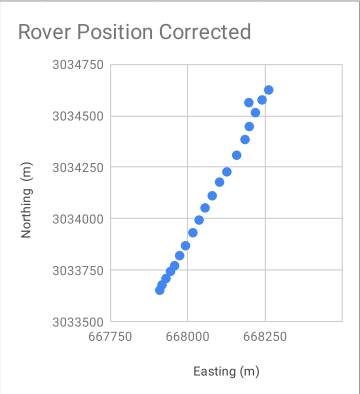
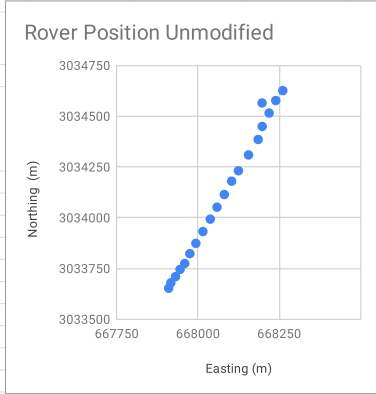


Rover GPS				Base Station						Rover, Corrected					
Time (s)	Easting (m)	Northing (m)	Elevation (m)	Easting (m)	Northing (m)	Elevation (m)	E, Diff. from Avg.	N, Diff. from Avg.	Elev. Diff. from Avg.	Easting (m)	Northing (m)	Elevation (m)		3D Distance (m) (Rover vs Corrected)	
5	667909.48	3033652.08	1.117	668249.937	3034563.278	1.618	0.3773159999	1.334808	-0.635684	667909.8573	3033653.415	0.481316		1.525835479	
11	667916.32	3033679.16	1.199	668249.504	3034564.496	0.934	0.810316	0.116808	-0.048316	667917.1303	3033679.277	1.247316		0.8201161897	
15	667930.95	3033709.75	1.034	668251.236	3034564.216	1.303	-0.9216840001	0.3968079998	-0.320684	667930.0283	3033710.147	0.713316		1.053468658	
25	667944.61	3033744.8	1.296	668250.296	3034564.569	0.644	0.018316	0.0438079997	0.338316	667944.6283	3033744.844	1.634316		0.341631867	
34	667959.01	3033774.12	0.726	668251.509	3034566.153	1.325	-1.194684	-1.540192	-0.342684	667957.8153	3033772.58	0.383316		1.979114343	
39	667974.64	3033822.35	1.166	668250.924	3034565.858	1.81	-0.609684	-1.245192	-0.827684	667974.0303	3033821.105	0.338316		1.61470694	
41	667993.23	3033873.19	0.761	668250.524	3034568.455	1.621	-0.209684	-3.842192	-0.638684	667993.0203	3033869.348	0.122316		3.900554319	
46	668014.94	3033931.29	0.748	668248.466	3034563.584	0.723	1.848316	1.028808	0.259316	668016.7883	3033932.319	1.007316		2.131188102	
53	668037.67	3033992.22	0.837	668251.205	3034562.947	1.003	-0.890684	1.665808	-0.020684	668036.7793	3033993.886	0.816316		1.889090286	
65	668058.28	3034051.17	1.031	668252.53	3034562.948	0.822	-2.215684	1.664808	0.160316	668056.0643	3034052.835	1.191316		2.776066009	
71	668080.82	3034113.41	0.798	668251.873	3034566.288	0.769	-1.558684	-1.675192	0.213316	668079.2613	3034111.735	1.011316		2.298100904	
82	668103.42	3034179.13	1.111	668250.882	3034565.801	1.002	-0.567684	-1.188192	-0.019684	668102.8523	3034177.942	1.091316		1.316986261	
86	668124.19	3034230.49	1.238	668248.041	3034567.432	0.982	2.273316	-2.819192	0.000316	668126.4633	3034227.671	1.238316		3.621575523	
94	668155.29	3034308.33	1.043	668247.479	3034564.627	1.672	2.835316	-0.01419200003	-0.689684	668158.1253	3034308.316	0.353316		2.918027116	
104	668184.99	3034384.56	1.352	668250.211	3034564.723	0.982	0.103316	-0.1101920004	0.000316	668185.0933	3034384.45	1.352316		0.1510515563	
107	668197.48	3034448.82	1.196	668248.954	3034565.828	1.109	1.360316	-1.215192	-0.126684	668198.8403	3034447.605	1.069316		1.828441974	
121	668218.7	3034514.82	0.849	668250.332	3034564.437	1.016	-0.01768400008	0.1758079999	-0.033684	668218.6823	3034514.996	0.815316		0.1798771485	
129	668197.04	3034564.32	1.108	668250.002	3034565.417	1.079	0.312316	-0.8041920001	-0.096684	668197.3523	3034563.516	1.011316		0.8681093553	
138	668239.17	3034576.22	1.203	668249.517	3034564.192	1.291	0.797316	0.420808	-0.308684	668239.9673	3034576.641	0.894316		0.9529312612	
145	668260.83	3034625.46	0.889	668249.504	3034564.94	1.226	0.810316	-0.3271920001	-0.243684	668261.6403	3034625.133	0.645316		0.907220214	
			Averages	668250.3143	3034564.613	0.982316							Avg. Dist. (m)	1.653704675	



Note: Due to limitations of Google Sheets, having more than 1 set of data does not allow for the coordinates to show on the grid properly. Point analysis was done mostly via comparing the values to find if the points had any tendencies when being corrected, if there was a pattern to the way they were off.

Point Correction Analysis: While both northing and easting approached a half chance for needing correction in either language, Eastern had a tendency to need more Eastern adjustment, while Northern had a tendency to need southward adjustment. The degree of changing for each is very low for both, rarely going over a 1-meter direction.