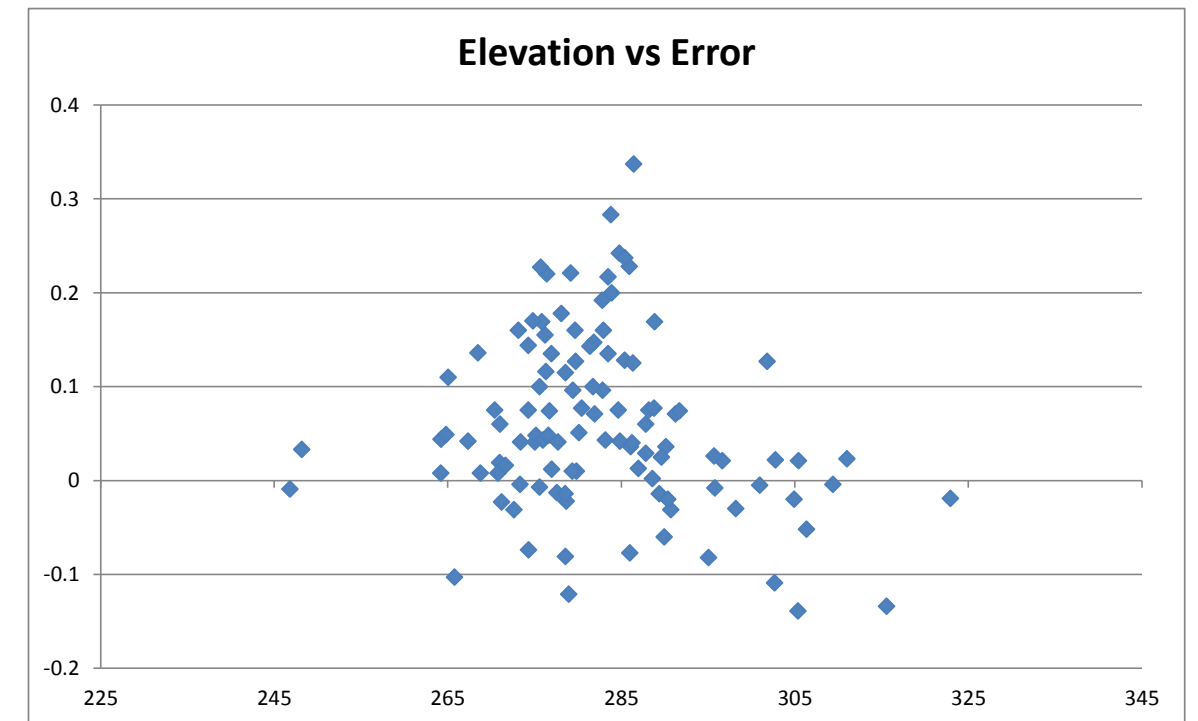
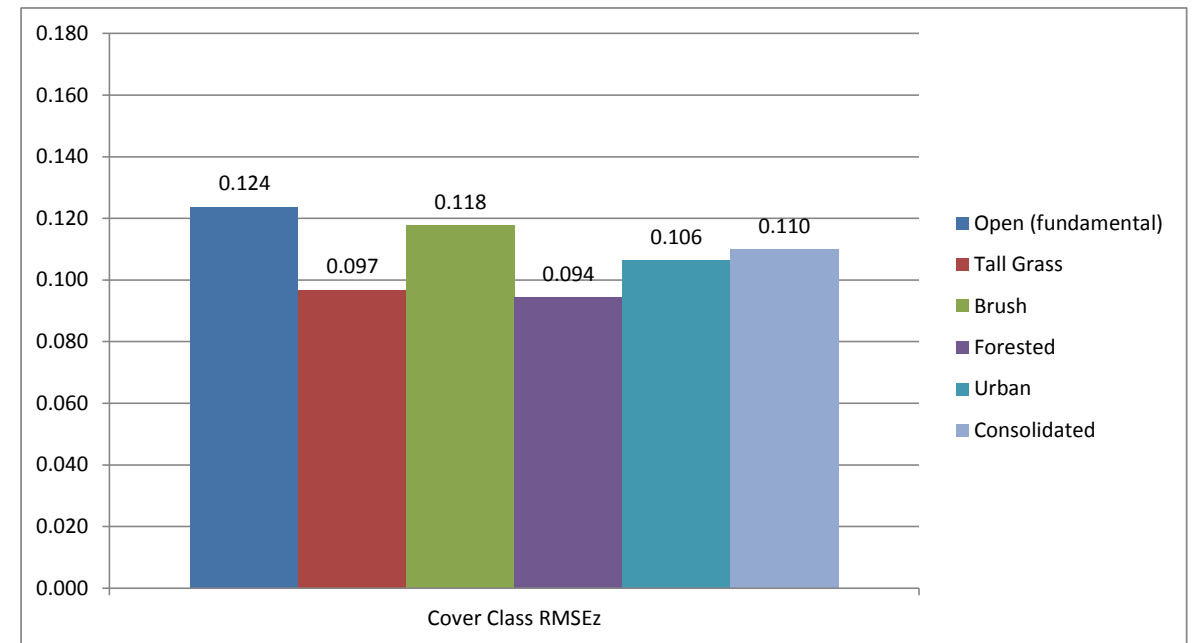


10/16/2012

Point Code	X	Y	Z	Surface Z	Z-Error	Z-Error Squared	Absolute Z-Error
L1O-1026	486520.331	4994131.85	276.222	276.067	0.155	0.024025	0.155
L1O-1028	486357.121	4992627.048	287.811	287.751	0.06	0.0036	0.06
L1O-1100	500601.55	4971147.914	300.955	300.96	-0.005	0.000025	0.005
L1O-1108	500613.369	4980984.505	296.648	296.627	0.021	0.000441	0.021
L1O-1116	499065.99	4986253.043	290.723	290.754	-0.031	0.000961	0.031
L1O-1119	498088.108	4986147.113	283.154	283.111	0.043	0.001849	0.043
L1O-1126	499346.905	4983634.704	287.822	287.793	0.029	0.000841	0.029
L1O-1134	497944.924	4991694.816	283.894	283.694	0.2	0.04	0.2
L1O-1136	500234.07	4990408.773	285.91	285.682	0.228	0.051984	0.228
L1O-1140	501151.692	4988107.706	322.923	322.942	-0.019	0.000361	0.019
L1O-1150	494468.553	4989160.082	275.053	275.012	0.041	0.001681	0.041
L1O-1162	497029.844	4993024.506	283.786	283.503	0.283	0.080089	0.283
L1O-1173	491505.142	4994631.269	282.825	282.633	0.192	0.036864	0.192
L1O-1176	489272.291	4992409.899	276.313	276.197	0.116	0.013456	0.116
L1O-1182	486514.564	4991766.768	283.482	283.347	0.135	0.018225	0.135
L1O-1184	484384.72	4991360.471	268.49	268.354	0.136	0.018496	0.136
L1O-1188	484816.392	4995312.769	274.27	274.195	0.075	0.005625	0.075
L1O-1201	483861.398	4987151.456	288.178	288.103	0.075	0.005625	0.075
L1O-1204	487164.415	4988492.636	284.656	284.581	0.075	0.005625	0.075
L1O-1210	489164.476	4990783.528	291.243	291.172	0.071	0.005041	0.071
L1O-1231	492580.008	4987168.875	270.973	270.954	0.019	0.000361	0.019
L1O-1233	491747.107	4986028.022	280.132	280.081	0.051	0.002601	0.051
L1O-1234	491996.313	4984536.064	291.681	291.607	0.074	0.005476	0.074
L1O-1241	487456.149	4982650.39	288.793	288.716	0.077	0.005929	0.077
L1O-1244	483654.064	4984543.97	290.156	290.12	0.036	0.001296	0.036
L1O-1249	485771.971	4986068.05	277.57	277.583	-0.013	0.000169	0.013
L1O-1261	482734.908	4996839.64	278.552	278.437	0.115	0.013225	0.115
L1O-1263	500818.407	4996647.443	286.427	286.09	0.337	0.113569	0.337
L1O-1264	482784.561	4990826.516	281.841	281.694	0.147	0.021609	0.147
L1O-1265	491626.994	4989812.635	281.933	281.862	0.071	0.005041	0.071
L1O-1266	491551.852	4986057.416	280.433	280.356	0.077	0.005929	0.077
L1O-1268	484372.299	4973836.403	246.811	246.82	-0.009	0.000081	0.009
L2T-1016	490932.425	4996708.879	275.166	275.118	0.048	0.002304	0.048
L2T-1024	487601.186	4994469.738	282.848	282.752	0.096	0.009216	0.096
L2T-1102	500515.568	4975342.763	302.653	302.762	-0.109	0.011881	0.109
L2T-1105	501155.244	4975634.613	315.591	315.725	-0.134	0.017956	0.134
L2T-1121	495316.981	4984311.588	264.213	264.205	0.008	0.000064	0.008
L2T-1124	499452.52	4984566.762	285.998	286.075	-0.077	0.005929	0.077
L2T-1143	499534.166	4987581.022	295.773	295.781	-0.008	0.000064	0.008
L2T-1147	496847.733	4987551.077	278.941	279.062	-0.121	0.014641	0.121
L2T-1152	495538.082	4989992.87	275.966	275.923	0.043	0.001849	0.043
L2T-1157	495706.903	4992961.528	281.403	281.26	0.143	0.020449	0.143
L2T-1169	497068.474	4995100.138	285.381	285.253	0.128	0.016384	0.128
L2T-1170	493223.561	4996676.153	283.468	283.251	0.217	0.047089	0.217
L2T-1186	484409.935	4994047.323	276.714	276.64	0.074	0.005476	0.074
L2T-1192	483005.429	4992569.525	265.065	264.955	0.11	0.0121	0.11
L2T-1198	482171.898	4988225.67	295.058	295.14	-0.082	0.006724	0.082
L2T-1213	490421.733	4990247.85	279.406	279.31	0.096	0.009216	0.096
L2T-1215	488861.227	4988558.051	289.38	289.394	-0.014	0.000196	0.014
L2T-1217	488077.5	4987801.935	278.578	278.659	-0.081	0.006561	0.081



L2T-1219	485667.327	4990294.725	281.722	281.622	0.1	0.01	0.1
L2T-1227	490341.917	4986243.273	274.327	274.401	-0.074	0.005476	0.074
L2T-1239	490233.058	4982803.487	265.784	265.887	-0.103	0.010609	0.103
L2T-1242	485387.468	4982212.096	298.204	298.234	-0.03	0.0009	0.03
L2T-1247	483855.909	4985850.298	286.978	286.965	0.013	0.000169	0.013
L3B-1002	487862.1	4990725.485	301.822	301.695	0.127	0.016129	0.127
L3B-1006	489189.797	4987760.582	289.639	289.614	0.025	0.000625	0.025
L3B-1011	492324.829	4989977.442	275.835	275.666	0.169	0.028561	0.169
L3B-1012	492019.566	4991403.831	273.133	272.973	0.16	0.0256	0.16
L3B-1020	489150.155	4995829.269	270.805	270.797	0.008	0.000064	0.008
L3B-1034	482861.745	4994810.154	276.397	276.177	0.22	0.0484	0.22
L3B-1040	486192.619	4989304.85	267.342	267.3	0.042	0.001764	0.042
L3B-1042	486901.589	4986650.806	279.841	279.831	0.01	0.0001	0.01
L3B-1051	489659.09	4984653.736	271.2	271.223	-0.023	0.000529	0.023
L3B-1052	489209.849	4983115.681	286.068	286.032	0.036	0.001296	0.036
L3B-1066	497233.129	4993821.449	279.154	278.933	0.221	0.048841	0.221
L3B-1074	500431.737	4973676.302	309.381	309.385	-0.004	0.000016	0.004
L3B-1078	501182.284	4982648	305.37	305.509	-0.139	0.019321	0.139
L3B-1089	496324.429	4982821.427	273.328	273.332	-0.004	0.000016	0.004
L3B-1094	495647.239	4985159.161	264.22	264.176	0.044	0.001936	0.044
L3B-6009	481854.53	4995174.018	274.819	274.649	0.17	0.0289	0.17
L4F-1004	490448.462	4989187.873	275.584	275.591	-0.007	0.000049	0.007
L4F-1014	490100.866	4996624.745	274.293	274.149	0.144	0.020736	0.144
L4F-1018	486971.077	4996184.214	275.582	275.482	0.1	0.01	0.1
L4F-1022	487995.893	4992176.159	288.838	288.669	0.169	0.028561	0.169
L4F-1037	484578.731	4990466.981	264.787	264.738	0.049	0.002401	0.049
L4F-1039	483732.824	4989110.346	271.642	271.626	0.016	0.000256	0.016
L4F-1048	487839.125	4984718.21	276.606	276.558	0.048	0.002304	0.048
L4F-1060	497087.642	4989374.481	290.376	290.396	-0.02	0.0004	0.02
L4F-1062	500876.626	4991817.117	286.338	286.213	0.125	0.015625	0.125
L4F-1065	500684.678	4993894.827	282.955	282.795	0.16	0.0256	0.16
L4F-1068	495518.989	4995370.858	278.099	277.921	0.178	0.031684	0.178
L4F-1077	500993.535	4977573.901	304.923	304.943	-0.02	0.0004	0.02
L4F-1086	501030.66	4986373.783	306.359	306.411	-0.052	0.002704	0.052
L4F-1091	494235.186	4982326.134	278.662	278.684	-0.022	0.000484	0.022
L4F-1092	493153.678	4985739.155	278.527	278.541	-0.014	0.000196	0.014
L4F-227	483970.029	4972797.393	248.169	248.136	0.033	0.001089	0.033
L5U-1008	490978.212	4987735.943	271.023	270.963	0.06	0.0036	0.06
L5U-1054	484284.894	4982724.372	288.602	288.6	0.002	0.000004	0.002
L5U-1106	500586.618	4979926.923	311.013	310.99	0.023	0.000529	0.023
L5U-1115	497234.67	4982720.228	273.386	273.345	0.041	0.001681	0.041
L5U-1122	496885.95	4984639.716	279.344	279.334	0.01	0.0001	0.01
L5U-1129	500851.373	4984012.923	302.753	302.731	0.022	0.000484	0.022
L5U-1138	500104.453	4989121.626	295.69	295.664	0.026	0.000676	0.026
L5U-1144	499004.706	4989860.802	286.254	286.214	0.04	0.0016	0.04
L5U-1149	494678.663	4987706.217	277.719	277.678	0.041	0.001681	0.041
L5U-1155	493831.295	4991064.902	275.717	275.49	0.227	0.051529	0.227
L5U-1164	498551.866	4992896.099	284.781	284.539	0.242	0.058564	0.242
L5U-1167	500633.224	4996155.397	285.412	285.175	0.237	0.056169	0.237
L5U-1174	491494.617	4992833.784	279.683	279.523	0.16	0.0256	0.16
L5U-1191	482652.078	4996100.966	276.934	276.799	0.135	0.018225	0.135
L5U-1194	482947.397	4990858.82	279.751	279.624	0.127	0.016129	0.127
L5U-1196	482502.433	4989233.808	305.419	305.398	0.021	0.000441	0.021
L5U-1203	486338.481	4988383.171	270.414	270.339	0.075	0.005625	0.075

L5U-1225	488269.793	4986715.973	272.632	272.663	-0.031	0.000961	0.031
L5U-1229	491128.663	4985143.685	284.839	284.797	0.042	0.001764	0.042
L5U-1236	492827.621	4982492.654	268.762	268.754	0.008	0.000064	0.008
L5U-1251	486732.137	4985046.228	276.989	276.977	0.012	0.000144	0.012
L5U-6002	481857.475	4987369.979	289.95	290.01	-0.06	0.0036	0.06

Mean Squared Error 0.012
Z-RMSE 0.110
NSSDA 0.216

Min Z-Error 0.002
Max Z-Error 0.337

The point below was removed from the analysis because it was on a bridge deck which is invalid for a bare earth

Turned Off L10-1269	491468.144	4975850.447	240.739	216.616	24.123	581.919129	24.123
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The point below was removed because it is in a known construction zone at the time of the acquisition

L10-1267	483660.323	4979391.147	277.099	276.216	0.883	0.779689	0.883
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Point Code	X	Y	Z	Surface Z	Z-Error	Z-Error Squared	Absolute Z-Error
L10-1026	486520.3	4994132	276.222	276.067	0.155	0.024025	0.155
L10-1028	486357.1	4992627	287.811	287.751	0.06	0.0036	0.06
L10-1100	500601.6	4971148	300.955	300.96	-0.005	0.000025	0.005
L10-1108	500613.4	4980985	296.648	296.627	0.021	0.000441	0.021
L10-1116	499066	4986253	290.723	290.754	-0.031	0.000961	0.031
L10-1119	498088.1	4986147	283.154	283.111	0.043	0.001849	0.043
L10-1126	499346.9	4983635	287.822	287.793	0.029	0.000841	0.029
L10-1134	497944.9	4991695	283.894	283.694	0.2	0.04	0.2
L10-1136	500234.1	4990409	285.91	285.682	0.228	0.051984	0.228
L10-1140	501151.7	4988108	322.923	322.942	-0.019	0.000361	0.019
L10-1150	494468.6	4989160	275.053	275.012	0.041	0.001681	0.041
L10-1162	497029.8	4993025	283.786	283.503	0.283	0.080089	0.283
L10-1173	491505.1	4994631	282.825	282.633	0.192	0.036864	0.192
L10-1176	489272.3	4992410	276.313	276.197	0.116	0.013456	0.116
L10-1182	486514.6	4991767	283.482	283.347	0.135	0.018225	0.135
L10-1184	484384.7	4991360	268.49	268.354	0.136	0.018496	0.136
L10-1188	484816.4	4995313	274.27	274.195	0.075	0.005625	0.075
L10-1201	483861.4	4987151	288.178	288.103	0.075	0.005625	0.075
L10-1204	487164.4	4988493	284.656	284.581	0.075	0.005625	0.075
L10-1210	489164.5	4990784	291.243	291.172	0.071	0.005041	0.071
L10-1231	492580	4987169	270.973	270.954	0.019	0.000361	0.019
L10-1233	491747.1	4986028	280.132	280.081	0.051	0.002601	0.051
L10-1234	491996.3	4984536	291.681	291.607	0.074	0.005476	0.074
L10-1241	487456.1	4982650	288.793	288.716	0.077	0.005929	0.077
L10-1244	483654.1	4984544	290.156	290.12	0.036	0.001296	0.036
L10-1249	485772	4986068	277.57	277.583	-0.013	0.000169	0.013
L10-1261	482734.9	4996840	278.552	278.437	0.115	0.013225	0.115
L10-1263	500818.4	4996647	286.427	286.09	0.337	0.113569	0.337
L10-1264	482784.6	4990827	281.841	281.694	0.147	0.021609	0.147
L10-1265	491627	4989813	281.933	281.862	0.071	0.005041	0.071
L10-1266	491551.9	4986057	280.433	280.356	0.077	0.005929	0.077
L10-1268	484372.3	4973836	246.811	246.82	-0.009	0.000081	0.009
					Mean Squared Error	0.015	
					Z-RMSE	0.124	
					NSSDA	0.243	
					Min Z-Error	0.005	
					Max Z-Error	0.337	

Point Code	X	Y	Z	Surface Z	Z-Error	Z-Error Squared	Absolute Z-Error
L2T-1016	490932.4	4996709	275.166	275.118	0.048	0.002304	0.048
L2T-1024	487601.2	4994470	282.848	282.752	0.096	0.009216	0.096
L2T-1102	500515.6	4975343	302.653	302.762	-0.109	0.011881	0.109
L2T-1105	501155.2	4975635	315.591	315.725	-0.134	0.017956	0.134
L2T-1121	495317	4984312	264.213	264.205	0.008	0.000064	0.008
L2T-1124	499452.5	4984567	285.998	286.075	-0.077	0.005929	0.077
L2T-1143	499534.2	4987581	295.773	295.781	-0.008	0.000064	0.008
L2T-1147	496847.7	4987551	278.941	279.062	-0.121	0.014641	0.121
L2T-1152	495538.1	4989993	275.966	275.923	0.043	0.001849	0.043
L2T-1157	495706.9	4992962	281.403	281.26	0.143	0.020449	0.143
L2T-1169	497068.5	4995100	285.381	285.253	0.128	0.016384	0.128
L2T-1170	493223.6	4996676	283.468	283.251	0.217	0.047089	0.217
L2T-1186	484409.9	4994047	276.714	276.64	0.074	0.005476	0.074
L2T-1192	483005.4	4992570	265.065	264.955	0.11	0.0121	0.11
L2T-1198	482171.9	4988226	295.058	295.14	-0.082	0.006724	0.082
L2T-1213	490421.7	4990248	279.406	279.31	0.096	0.009216	0.096
L2T-1215	488861.2	4988558	289.38	289.394	-0.014	0.000196	0.014
L2T-1217	488077.5	4987802	278.578	278.659	-0.081	0.006561	0.081
L2T-1219	485667.3	4990295	281.722	281.622	0.1	0.01	0.1
L2T-1227	490341.9	4986243	274.327	274.401	-0.074	0.005476	0.074
L2T-1239	490233.1	4982803	265.784	265.887	-0.103	0.010609	0.103
L2T-1242	485387.5	4982212	298.204	298.234	-0.03	0.0009	0.03
L2T-1247	483855.9	4985850	286.978	286.965	0.013	0.000169	0.013
					Mean Squared Error	0.009	
					Z-RMSE	0.097	
					NSSDA	0.190	
					Min Z-Error	0.008	
					Max Z-Error	0.217	

Point Code	X	Y	Z	Surface Z	Z-Error	Z-Error Squared	Absolute Z-Error
L3B-1002	487862.1	4990725.485	301.822	301.695	0.127	0.016129	0.127
L3B-1006	489189.797	4987760.582	289.639	289.614	0.025	0.000625	0.025
L3B-1011	492324.829	4989977.442	275.835	275.666	0.169	0.028561	0.169
L3B-1012	492019.566	4991403.831	273.133	272.973	0.16	0.0256	0.16
L3B-1020	489150.155	4995829.269	270.805	270.797	0.008	0.000064	0.008
L3B-1034	482861.745	4994810.154	276.397	276.177	0.22	0.0484	0.22
L3B-1040	486192.619	4989304.85	267.342	267.3	0.042	0.001764	0.042
L3B-1042	486901.589	4986650.806	279.841	279.831	0.01	0.0001	0.01
L3B-1051	489659.09	4984653.736	271.2	271.223	-0.023	0.000529	0.023
L3B-1052	489209.849	4983115.681	286.068	286.032	0.036	0.001296	0.036
L3B-1066	497233.129	4993821.449	279.154	278.933	0.221	0.048841	0.221
L3B-1074	500431.737	4973676.302	309.381	309.385	-0.004	0.000016	0.004
L3B-1078	501182.284	4982648	305.37	305.509	-0.139	0.019321	0.139
L3B-1089	496324.429	4982821.427	273.328	273.332	-0.004	0.000016	0.004
L3B-1094	495647.239	4985159.161	264.22	264.176	0.044	0.001936	0.044
L3B-6009	481854.53	4995174.018	274.819	274.649	0.17	0.0289	0.17
					Mean Squared Error	0.014	
					Z-RMSE	0.118	
					NSSDA	0.231	
					Min Z-Error	0.004	
					Max Z-Error	0.221	

Point Code	X	Y	Z	Surface Z	Z-Error	Z-Error Squared	Absolute Z-Error
L4F-1004	490448.5	4989188	275.584	275.591	-0.007	0.000049	0.007
L4F-1014	490100.9	4996625	274.293	274.149	0.144	0.020736	0.144
L4F-1018	486971.1	4996184	275.582	275.482	0.1	0.01	0.1
L4F-1022	487995.9	4992176	288.838	288.669	0.169	0.028561	0.169
L4F-1037	484578.7	4990467	264.787	264.738	0.049	0.002401	0.049
L4F-1039	483732.8	4989110	271.642	271.626	0.016	0.000256	0.016
L4F-1048	487839.1	4984718	276.606	276.558	0.048	0.002304	0.048
L4F-1060	497087.6	4989374	290.376	290.396	-0.02	0.0004	0.02
L4F-1062	500876.6	4991817	286.338	286.213	0.125	0.015625	0.125
L4F-1065	500684.7	4993895	282.955	282.795	0.16	0.0256	0.16
L4F-1068	495519	4995371	278.099	277.921	0.178	0.031684	0.178
L4F-1077	500993.5	4977574	304.923	304.943	-0.02	0.0004	0.02
L4F-1086	501030.7	4986374	306.359	306.411	-0.052	0.002704	0.052
L4F-1091	494235.2	4982326	278.662	278.684	-0.022	0.000484	0.022
L4F-1092	493153.7	4985739	278.527	278.541	-0.014	0.000196	0.014
L4F-227	483970	4972797	248.169	248.136	0.033	0.001089	0.033
					Mean Squared Error	0.009	
					Z-RMSE	0.094	
					NSSDA	0.185	
					Min Z-Error	0.007	
					Max Z-Error	0.178	

Point Code	X	Y	Z	Surface Z	Z-Error	Z-Error Squared	Absolute Z-Error
L5U-1008	490978.2	4987736	271.023	270.963	0.06	0.0036	0.06
L5U-1054	484284.9	4982724	288.602	288.6	0.002	0.000004	0.002
L5U-1106	500586.6	4979927	311.013	310.99	0.023	0.000529	0.023
L5U-1115	497234.7	4982720	273.386	273.345	0.041	0.001681	0.041
L5U-1122	496886	4984640	279.344	279.334	0.01	0.0001	0.01
L5U-1129	500851.4	4984013	302.753	302.731	0.022	0.000484	0.022
L5U-1138	500104.5	4989122	295.69	295.664	0.026	0.000676	0.026
L5U-1144	499004.7	4989861	286.254	286.214	0.04	0.0016	0.04
L5U-1149	494678.7	4987706	277.719	277.678	0.041	0.001681	0.041
L5U-1155	493831.3	4991065	275.717	275.49	0.227	0.051529	0.227
L5U-1164	498551.9	4992896	284.781	284.539	0.242	0.058564	0.242
L5U-1167	500633.2	4996155	285.412	285.175	0.237	0.056169	0.237
L5U-1174	491494.6	4992834	279.683	279.523	0.16	0.0256	0.16
L5U-1191	482652.1	4996101	276.934	276.799	0.135	0.018225	0.135
L5U-1194	482947.4	4990859	279.751	279.624	0.127	0.016129	0.127
L5U-1196	482502.4	4989234	305.419	305.398	0.021	0.000441	0.021
L5U-1203	486338.5	4988383	270.414	270.339	0.075	0.005625	0.075
L5U-1225	488269.8	4986716	272.632	272.663	-0.031	0.000961	0.031
L5U-1229	491128.7	4985144	284.839	284.797	0.042	0.001764	0.042
L5U-1236	492827.6	4982493	268.762	268.754	0.008	0.000064	0.008
L5U-1251	486732.1	4985046	276.989	276.977	0.012	0.000144	0.012
L5U-6002	481857.5	4987370	289.95	290.01	-0.06	0.0036	0.06
					Mean Squa	0.011	
					Z-RMSE	0.106	
					NSSDA	0.209	
					Min Z-Error	0.002	
					Max Z-Error	0.242	