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LAMPIRAN

Lampiran 1 foto dokumentasi pengambilan data titik koordinat



Lampiran 1. 1 Pengambilan titik koordinat 1



Lampiran 1. 2 Pengambilan titik koordinat 2



Lampiran 1. 3 Pengambilan titik koordinat 3



Lampiran 1. 4 Pengambialn titik koordinat 4



Lampiran 1. 5 Pengambilan titik koordinat 5



Lampiran 1. 6 Pengambilan titik koordinat 6

Lampiran 2 Data Koordinat

Code	X	Y	Height	Latitude	Longitude
base_1	88428.505	1737678.648	64.259	002°08'57.72011"N	117°29'49.15112"E
1	84331.495	1739342.563	59.351	002°09'51.79916"N	117°27'36.53499"E
2	84311.996	1739359.727	58.920	002°09'52.35751"N	117°27'35.90360"E
Kaharman	84311.351	1739354.326	59.310	002°09'52.18167"N	117°27'35.88285"E
3	84302.940	1739350.144	59.601	002°09'52.04532"N	117°27'35.61078"E
4	84300.376	1739349.116	60.871	002°09'52.01183"N	117°27'35.52782"E
5	84281.388	1739325.890	60.600	002°09'51.25527"N	117°27'34.91388"E
6	84238.985	1739361.922	60.327	002°09'52.42732"N	117°27'33.54090"E
7	84255.983	1739387.064	61.076	002°09'53.24622"N	117°27'34.09040"E
H.Masud	84257.381	1739381.302	59.638	002°09'53.05865"N	117°27'34.13580"E
8	84521.716	1739445.265	60.335	002°09'55.14686"N	117°27'42.68828"E
9	84511.774	1739434.662	61.372	002°09'54.80144"N	117°27'42.36680"E
10	84536.596	1739431.466	60.607	002°09'54.69795"N	117°27'43.17012"E
11	84526.429	1739420.137	61.382	002°09'54.32891"N	117°27'42.84137"E
masjid	84521.924	1739445.274	60.826	002°09'55.14713"N	117°27'42.69501"E
12	84566.749	1739437.827	59.342	002°09'54.90571"N	117°27'44.14574"E
13	84577.335	1739427.538	59.601	002°09'54.57101"N	117°27'44.48852"E
14	84607.062	1739459.110	60.586	002°09'55.59947"N	117°27'45.44980"E
15	84595.997	1739469.721	62.249	002°09'55.94466"N	117°27'45.09150"E
16	84585.146	1739480.009	61.412	002°09'56.27936"N	117°27'44.74014"E
17franki	84574.637	1739430.613	59.897	002°09'54.67104"N	117°27'44.40115"E
17John	84561.041	1739443.718	60.003	002°09'55.09737"N	117°27'43.96090"E

17	84556.121	1739448.374	59.616	002°09'55.24883"N	117°27'43.80157"E
18TantryValeska	84583.399	1739423.038	59.399	002°09'54.42465"N	117°27'44.68485"E
18	84588.478	1739417.167	59.404	002°09'54.23363"N	117°27'44.84933"E
19	84618.239	1739448.854	59.666	002°09'55.26585"N	117°27'45.81170"E
20	84631.891	1739463.266	59.570	002°09'55.73532"N	117°27'46.25318"E
21JohnC	84627.847	1739462.637	59.503	002°09'55.71477"N	117°27'46.12233"E
21	84620.852	1739474.066	59.713	002°09'56.08667"N	117°27'45.89572"E
22	84613.245	1739443.576	59.502	002°09'55.09391"N	117°27'45.65023"E
23	84634.253	1739422.161	59.940	002°09'54.39723"N	117°27'46.33052"E
24	84667.819	1739457.654	60.017	002°09'55.55342"N	117°27'47.41592"E
25John	84658.025	1739459.872	59.566	002°09'55.62541"N	117°27'47.09894"E
25	84647.305	1739479.873	59.540	002°09'56.27630"N	117°27'46.75160"E
26	84635.334	1739467.086	59.472	002°09'55.85975"N	117°27'46.36450"E
27	84587.701	1739504.523	59.707	002°09'57.07746"N	117°27'44.82226"E
28HotelGuyanaJohn	84585.089	1739496.849	59.751	002°09'56.82758"N	117°27'44.73790"E
28HotelGuyanaJoho	84574.452	1739490.100	60.954	002°09'56.60762"N	117°27'44.39385"E
JlnKetapang	84567.986	1739435.372	59.544	002°09'54.82583"N	117°27'44.18581"E
JlnKetapanng1	84564.355	1739432.605	59.516	002°09'54.73567"N	117°27'44.06836"E
JlnKetapanng2	84549.105	1739447.175	59.510	002°09'55.20965"N	117°27'43.57456"E
JlnKetapanng3	84552.473	1739450.605	59.519	002°09'55.32136"N	117°27'43.68347"E
28	84426.004	1739446.093	59.562	002°09'55.17168"N	117°27'39.59101"E
29	84432.618	1739453.349	59.605	002°09'55.40803"N	117°27'39.80487"E
30	84417.397	1739466.327	60.656	002°09'55.83021"N	117°27'39.31205"E
31andreas	84428.193	1739450.179	59.958	002°09'55.30474"N	117°27'39.66176"E
31	84503.279	1739575.098	59.528	002°09'59.37312"N	117°27'42.08880"E
32	84490.257	1739587.289	60.125	002°09'59.76971"N	117°27'41.66711"E

candrasudarmaji	84500.888	1739572.085	59.566	002°09'59.27498"N	117°27'42.01149"E
33	84492.924	1739563.815	59.478	002°09'59.00559"N	117°27'41.75394"E
base_2	99449.100	1865458.504	108.879	003°18'17.90966"N	117°35'42.67784"E
34	84485.683	1739556.689	61.244	002°09'58.77344"N	117°27'41.51980"E
Code	X	Y	Height	Latitude	Longitude
base_1	88428.505	1737678.648	64.259	002°08'57.72011"N	117°29'49.15112"E
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2	84311.996	1739359.727	58.920	002°09'52.35751"N	117°27'35.90360"E
Kaharman	84311.351	1739354.326	59.310	002°09'52.18167"N	117°27'35.88285"E
3	84302.940	1739350.144	59.601	002°09'52.04532"N	117°27'35.61078"E
4	84300.376	1739349.116	60.871	002°09'52.01183"N	117°27'35.52782"E
5	84281.388	1739325.890	60.600	002°09'51.25527"N	117°27'34.91388"E
6	84238.985	1739361.922	60.327	002°09'52.42732"N	117°27'33.54090"E
7	84255.983	1739387.064	61.076	002°09'53.24622"N	117°27'34.09040"E
H.Masud	84257.381	1739381.302	59.638	002°09'53.05865"N	117°27'34.13580"E
8	84521.716	1739445.265	60.335	002°09'55.14686"N	117°27'42.68828"E
9	84511.774	1739434.662	61.372	002°09'54.80144"N	117°27'42.36680"E
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12	84566.749	1739437.827	59.342	002°09'54.90571"N	117°27'44.14574"E
13	84577.335	1739427.538	59.601	002°09'54.57101"N	117°27'44.48852"E
14	84607.062	1739459.110	60.586	002°09'55.59947"N	117°27'45.44980"E
15	84595.997	1739469.721	62.249	002°09'55.94466"N	117°27'45.09150"E
16	84585.146	1739480.009	61.412	002°09'56.27936"N	117°27'44.74014"E
17franki	84574.637	1739430.613	59.897	002°09'54.67104"N	117°27'44.40115"E

17John	84561.041	1739443.718	60.003	002°09'55.09737"N	117°27'43.96090"E
17	84556.121	1739448.374	59.616	002°09'55.24883"N	117°27'43.80157"E
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18	84588.478	1739417.167	59.404	002°09'54.23363"N	117°27'44.84933"E
19	84618.239	1739448.854	59.666	002°09'55.26585"N	117°27'45.81170"E
20	84631.891	1739463.266	59.570	002°09'55.73532"N	117°27'46.25318"E
21JohnC	84627.847	1739462.637	59.503	002°09'55.71477"N	117°27'46.12233"E
21	84620.852	1739474.066	59.713	002°09'56.08667"N	117°27'45.89572"E
22	84613.245	1739443.576	59.502	002°09'55.09391"N	117°27'45.65023"E
23	84634.253	1739422.161	59.940	002°09'54.39723"N	117°27'46.33052"E
24	84667.819	1739457.654	60.017	002°09'55.55342"N	117°27'47.41592"E
25John	84658.025	1739459.872	59.566	002°09'55.62541"N	117°27'47.09894"E
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JlnKetapanng1	84564.355	1739432.605	59.516	002°09'54.73567"N	117°27'44.06836"E
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JlnKetapanng3	84552.473	1739450.605	59.519	002°09'55.32136"N	117°27'43.68347"E
28	84426.004	1739446.093	59.562	002°09'55.17168"N	117°27'39.59101"E
29	84432.618	1739453.349	59.605	002°09'55.40803"N	117°27'39.80487"E
30	84417.397	1739466.327	60.656	002°09'55.83021"N	117°27'39.31205"E
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31	84503.279	1739575.098	59.528	002°09'59.37312"N	117°27'42.08880"E

32	84490.257	1739587.289	60.125	002°09'59.76971"N	117°27'41.66711"E
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34	84485.683	1739556.689	61.244	002°09'58.77344"N	117°27'41.51980"E
35	84324.697	1739484.183	59.938	002°09'56.40941"N	117°27'36.31186"E
36Suhadi	84326.384	1739481.974	58.963	002°09'56.33753"N	117°27'36.36648"E
36	84370.800	1739442.471	59.258	002°09'55.05254"N	117°27'37.80467"E
37	84380.359	1739454.015	59.885	002°09'55.42855"N	117°27'38.11374"E
38	84391.357	1739443.688	59.845	002°09'55.09260"N	117°27'38.46988"E
39Baharuddin	84387.370	1739446.737	59.495	002°09'55.19177"N	117°27'38.34079"E
39	84360.563	1739429.874	59.414	002°09'54.64220"N	117°27'37.47370"E
40	84371.323	1739419.893	59.789	002°09'54.31751"N	117°27'37.82211"E
41	84530.749	1739602.345	59.492	002°10'00.26075"N	117°27'42.97712"E
42ArhamSuardi	84526.227	1739599.805	59.419	002°10'00.17796"N	117°27'42.83085"E
42	84519.817	1739592.070	59.774	002°09'59.92601"N	117°27'42.62357"E
43	84518.781	1739616.157	59.903	002°10'00.71013"N	117°27'42.58953"E
44	84742.809	1739676.255	59.377	002°10'02.67158"N	117°27'49.83778"E
45	84789.475	1739704.917	59.245	002°10'03.60572"N	117°27'51.34730"E
46Cangkang	84739.353	1739705.441	59.960	002°10'03.62165"N	117°27'49.72531"E
46	84644.502	1739790.926	59.775	002°10'06.40249"N	117°27'46.65401"E
47	84693.156	1739823.805	59.766	002°10'07.47392"N	117°27'48.22774"E
48	84387.788	1739404.501	58.920	002°09'53.81680"N	117°27'38.35525"E
49	84378.723	1739412.823	59.133	002°09'54.08753"N	117°27'38.06174"E
50	84410.112	1739427.268	59.449	002°09'54.55849"N	117°27'39.07717"E
51Sardi	84401.636	1739424.001	59.166	002°09'54.45192"N	117°27'38.80294"E

51GogikRyanto	84389.814	1739432.225	59.168	002°09'54.71941"N	117°27'38.42020"E
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29	84432.618	1739453.349	59.605	002°09'55.40803"N	117°27'39.80487"E
30	84417.397	1739466.327	60.656	002°09'55.83021"N	117°27'39.31205"E
31andreas	84428.193	1739450.179	59.958	002°09'55.30474"N	117°27'39.66176"E
31	84503.279	1739575.098	59.528	002°09'59.37312"N	117°27'42.08880"E
32	84490.257	1739587.289	60.125	002°09'59.76971"N	117°27'41.66711"E
candrasudarmaji	84500.888	1739572.085	59.566	002°09'59.27498"N	117°27'42.01149"E
33	84492.924	1739563.815	59.478	002°09'59.00559"N	117°27'41.75394"E

base_2	99449.100	1865458.504	108.879	003°18'17.90966"N	117°35'42.67784"E
34	84485.683	1739556.689	61.244	002°09'58.77344"N	117°27'41.51980"E
35	84324.697	1739484.183	59.938	002°09'56.40941"N	117°27'36.31186"E
36Suhadi	84326.384	1739481.974	58.963	002°09'56.33753"N	117°27'36.36648"E
36	84370.800	1739442.471	59.258	002°09'55.05254"N	117°27'37.80467"E
37	84380.359	1739454.015	59.885	002°09'55.42855"N	117°27'38.11374"E
38	84391.357	1739443.688	59.845	002°09'55.09260"N	117°27'38.46988"E
39Baharuddin	84387.370	1739446.737	59.495	002°09'55.19177"N	117°27'38.34079"E
39	84360.563	1739429.874	59.414	002°09'54.64220"N	117°27'37.47370"E
40	84371.323	1739419.893	59.789	002°09'54.31751"N	117°27'37.82211"E
41	84530.749	1739602.345	59.492	002°10'00.26075"N	117°27'42.97712"E
42ArhamSuardi	84526.227	1739599.805	59.419	002°10'00.17796"N	117°27'42.83085"E
42	84519.817	1739592.070	59.774	002°09'59.92601"N	117°27'42.62357"E
43	84518.781	1739616.157	59.903	002°10'00.71013"N	117°27'42.58953"E
44	84742.809	1739676.255	59.377	002°10'02.67158"N	117°27'49.83778"E
45	84789.475	1739704.917	59.245	002°10'03.60572"N	117°27'51.34730"E
46Cangkang	84739.353	1739705.441	59.960	002°10'03.62165"N	117°27'49.72531"E
46	84644.502	1739790.926	59.775	002°10'06.40249"N	117°27'46.65401"E
47	84693.156	1739823.805	59.766	002°10'07.47392"N	117°27'48.22774"E
48	84387.788	1739404.501	58.920	002°09'53.81680"N	117°27'38.35525"E
49	84378.723	1739412.823	59.133	002°09'54.08753"N	117°27'38.06174"E
50	84410.112	1739427.268	59.449	002°09'54.55849"N	117°27'39.07717"E
51Sardi	84401.636	1739424.001	59.166	002°09'54.45192"N	117°27'38.80294"E
51GogikRyanto	84389.814	1739432.225	59.168	002°09'54.71941"N	117°27'38.42020"E
Code	X	Y	Height	Latitude	Longitude
base_1	88428.505	1737678.648	64.259	002°08'57.72011"N	117°29'49.15112"E

1	84597.217	1739531.471	60.652	002°09'57.95495"N	117°27'45.12960"E
2	84586.908	1739542.349	60.430	002°09'58.30885"N	117°27'44.79576"E
3	84572.134	1739525.907	59.493	002°09'57.77324"N	117°27'44.31803"E
4	84582.630	1739516.061	59.595	002°09'57.45294"N	117°27'44.65792"E
5Mukari	84580.768	1739518.949	59.537	002°09'57.54692"N	117°27'44.59758"E
5	84593.660	1739505.748	59.735	002°09'57.11748"N	117°27'45.01508"E
6	84608.389	1739521.048	59.703	002°09'57.61587"N	117°27'45.49135"E
7	84604.733	1739495.377	60.066	002°09'56.78007"N	117°27'45.37364"E
8	84618.791	1739510.557	60.398	002°09'57.27459"N	117°27'45.82820"E
9	84625.627	1739503.358	60.145	002°09'57.04038"N	117°27'46.04959"E
10	84612.038	1739488.525	59.713	002°09'56.55718"N	117°27'45.61016"E
11	84619.370	1739481.772	59.775	002°09'56.33751"N	117°27'45.84759"E
12	84602.646	1739402.744	59.331	002°09'53.76441"N	117°27'45.30816"E
j1	84601.777	1739402.118	59.349	002°09'53.74400"N	117°27'45.28003"E
j2	84597.685	1739398.360	59.248	002°09'53.62157"N	117°27'45.14769"E
13	84627.571	1739428.908	60.337	002°09'54.61672"N	117°27'46.11413"E
14	84609.463	1739396.200	59.692	002°09'53.55153"N	117°27'45.52888"E
15	84617.900	1739387.258	59.348	002°09'53.26060"N	117°27'45.80210"E
16	84640.251	1739410.622	59.497	002°09'54.02169"N	117°27'46.52489"E
17	84631.846	1739419.030	59.390	002°09'54.29523"N	117°27'46.25268"E
18	84642.767	1739408.520	59.616	002°09'53.95334"N	117°27'46.60632"E
19	84649.369	1739416.032	59.460	002°09'54.19803"N	117°27'46.81981"E
20	84638.805	1739426.633	60.219	002°09'54.54290"N	117°27'46.47773"E
21	84660.162	1739405.703	59.284	002°09'53.86202"N	117°27'47.16931"E
22	84652.231	1739399.893	60.053	002°09'53.67270"N	117°27'46.91277"E
23	84645.554	1739433.913	60.379	002°09'54.78004"N	117°27'46.69597"E

24	84652.141	1739441.092	60.230	002°09'55.01390"N	117°27'46.90896"E
25	84666.656	1739412.572	59.468	002°09'54.08576"N	117°27'47.37930"E
26	84673.801	1739420.274	60.745	002°09'54.33667"N	117°27'47.61036"E
27	84690.069	1739434.970	59.449	002°09'54.81546"N	117°27'48.13646"E
28M.AliLutfi	84688.996	1739431.878	60.164	002°09'54.71476"N	117°27'48.10179"E
28Marsani	84672.701	1739413.616	59.682	002°09'54.11989"N	117°27'47.57491"E
28Sumaryono	84661.572	1739409.511	59.517	002°09'53.98602"N	117°27'47.21484"E
28Halimah	84656.406	1739400.180	59.180	002°09'53.68211"N	117°27'47.04787"E
28	84628.699	1739376.363	59.758	002°09'52.90615"N	117°27'46.15179"E
29M.Zainuddin	84624.319	1739380.552	59.180	002°09'53.04241"N	117°27'46.00998"E
29Halimah	84614.052	1739391.048	59.440	002°09'53.38388"N	117°27'45.67752"E
j3	84632.146	1739371.982	59.326	002°09'52.76359"N	117°27'46.26346"E
j4	84626.805	1739367.783	59.765	002°09'52.62679"N	117°27'46.09070"E
j5	84615.515	1739379.716	59.733	002°09'53.01500"N	117°27'45.72509"E
j6	84619.548	1739384.020	59.764	002°09'53.15521"N	117°27'45.85550"E
29Rahmannur	84640.620	1739412.051	61.020	002°09'54.06822"N	117°27'46.53678"E
29	84443.783	1739610.663	60.817	002°10'00.52959"N	117°27'40.16270"E
30	84416.305	1739582.351	59.745	002°09'59.60729"N	117°27'39.27414"E
31	84412.853	1739585.822	59.590	002°09'59.72023"N	117°27'39.16234"E
32	84426.234	1739599.668	61.261	002°10'00.17128"N	117°27'39.59503"E
33	84409.682	1739615.788	59.974	002°10'00.69567"N	117°27'39.05905"E
35	84420.423	1739633.525	60.119	002°10'01.27336"N	117°27'39.40626"E
36RosulRokim	84415.602	1739623.409	59.445	002°10'00.94392"N	117°27'39.25048"E
36	84598.258	1739865.541	61.813	002°10'08.83051"N	117°27'45.15590"E
37	84593.705	1739870.621	61.124	002°10'08.99580"N	117°27'45.00845"E
38	84594.513	1739869.617	61.010	002°10'08.96313"N	117°27'45.03462"E

39	84582.464	1739859.068	60.784	002°10'08.61944"N	117°27'44.64492"E
40	84605.006	1739836.451	60.212	002°10'07.88365"N	117°27'45.37490"E
41	84615.908	1739846.391	61.146	002°10'08.20750"N	117°27'45.72749"E
42Jaeni	84614.461	1739847.296	61.342	002°10'08.23692"N	117°27'45.68062"E
42	84658.540	1739875.205	62.467	002°10'09.14649"N	117°27'47.10641"E
43	84649.787	1739869.289	62.504	002°10'08.95369"N	117°27'46.82329"E
44	84635.738	1739899.190	60.682	002°10'09.92680"N	117°27'46.36801"E
45Jabir	84629.388	1739898.145	60.366	002°10'09.89263"N	117°27'46.16253"E
Code	X	Y	Height	Latitude	Longitude
base_1	1737678.6478	88428.5054	64.2590	002°08'57.72011"N	117°29'49.15112"E
j1	1739332.6091	84322.3538	59.2674	002°09'51.47493"N	117°27'36.23939"E
j2	1739329.5951	84325.6325	59.2605	002°09'51.37688"N	117°27'36.34556"E
j3	1739316.2230	84313.7056	59.2468	002°09'50.94129"N	117°27'35.95990"E
j4	1739318.7364	84310.6657	59.2118	002°09'51.02304"N	117°27'35.86147"E
1	1737504.3820	84036.0490	73.7473	002°08'51.95120"N	117°27'27.01503"E
2	1737513.7325	84056.6001	71.6042	002°08'52.25606"N	117°27'27.67985"E
j6	1737514.4444	84056.2710	71.3676	002°08'52.27923"N	117°27'27.66919"E
j7	1737517.6322	84055.3168	71.4257	002°08'52.38299"N	117°27'27.63824"E
j8	1737505.4449	84033.1734	73.5094	002°08'51.98574"N	117°27'26.92195"E
j9	1737503.9777	84029.2144	73.4811	002°08'51.93789"N	117°27'26.79387"E
j10	1737497.7191	84037.5931	74.5671	002°08'51.73433"N	117°27'27.06514"E
j11	1737495.8598	84033.7937	74.6814	002°08'51.67371"N	117°27'26.94224"E
j12	1737509.8616	84031.7714	72.9888	002°08'52.12949"N	117°27'26.87649"E
j13	1737521.4617	84023.0794	71.4229	002°08'52.50694"N	117°27'26.59496"E
j14	1737532.6790	84019.1392	70.3739	002°08'52.87202"N	117°27'26.46721"E
j15	1737542.7577	84014.5766	69.2513	002°08'53.20003"N	117°27'26.31934"E

j16	1737554.3588	84008.8939	67.8649	002°08'53.57758"N	117°27'26.13519"E
j17	1737558.2986	84007.0176	67.4264	002°08'53.70579"N	117°27'26.07439"E
j18	1737563.9717	84005.4010	66.5443	002°08'53.89044"N	117°27'26.02195"E
j19	1737567.8170	84004.8415	65.9497	002°08'54.01561"N	117°27'26.00376"E
j20	1737568.6668	84008.2862	65.8745	002°08'54.04335"N	117°27'26.11521"E
j21	1737572.8994	84008.7002	65.5251	002°08'54.18116"N	117°27'26.12852"E
j22	1737572.4176	84004.4143	65.2640	002°08'54.16538"N	117°27'25.98984"E
3	1737461.2422	84473.0923	62.9277	002°08'50.55648"N	117°27'41.15861"E
4	1737435.9535	84454.5392	63.1469	002°08'49.73281"N	117°27'40.55879"E
j23	1737438.1933	84450.8345	63.2421	002°08'49.80564"N	117°27'40.43886"E
j24	1737464.2331	84467.7933	62.8108	002°08'50.65373"N	117°27'40.98707"E
j25	1737471.0785	84473.6301	62.4932	002°08'50.87671"N	117°27'41.17580"E
j26	1737479.3528	84482.8175	62.5331	002°08'51.14628"N	117°27'41.47292"E
j27	1737490.8261	84496.3536	62.7490	002°08'51.52009"N	117°27'41.91069"E
j28	1737500.7845	84508.4752	62.7088	002°08'51.84455"N	117°27'42.30273"E
j29	1737497.5361	84511.2066	62.7617	002°08'51.73886"N	117°27'42.39118"E
5	1737480.4498	84127.0938	64.8875	002°08'51.17412"N	117°27'29.96175"E
j30	1737469.6836	84142.1446	64.6624	002°08'50.82396"N	117°27'30.44902"E
j31	1737467.3753	84138.9814	64.7391	002°08'50.74874"N	117°27'30.34671"E
j32	1737477.2914	84131.0532	64.4815	002°08'51.07138"N	117°27'30.08994"E
j33	1737480.0300	84133.8678	64.4017	002°08'51.16060"N	117°27'30.18096"E
j34	1737492.9257	84126.5463	64.1245	002°08'51.58025"N	117°27'29.94376"E
j35	1737491.3533	84123.1072	64.1165	002°08'51.52899"N	117°27'29.83250"E
j36	1737504.3930	84116.3928	63.7957	002°08'51.95334"N	117°27'29.61494"E
j37	1737506.2071	84119.8226	63.7703	002°08'52.01248"N	117°27'29.72588"E
6	1737506.9957	84114.0525	63.5820	002°08'52.03802"N	117°27'29.53915"E

7	1737508.5721	84113.7890	64.1732	002°08'52.08933"N	117°27'29.53059"E
j38	1737510.1766	84113.5365	63.7054	002°08'52.14156"N	117°27'29.52238"E
j39	1737511.9459	84116.8961	63.6742	002°08'52.19924"N	117°27'29.63106"E
Code	X	Y	Height	Latitude	Longitude
base_1	1737678.6478	88428.5054	64.2590	002°08'57.72011"N	117°29'49.15112"E
1	1738333.9374	84843.4256	60.1915	002°09'18.97503"N	117°27'53.12337"E
2	1738312.4870	84831.1930	60.5363	002°09'18.27645"N	117°27'52.72800"E
3	1738343.5888	84823.7668	59.5332	002°09'19.28879"N	117°27'52.48700"E
4	1738330.7879	84853.0690	60.1608	002°09'18.87271"N	117°27'53.43550"E
5	1738327.5721	84862.6221	60.5053	002°09'18.76823"N	117°27'53.74471"E
6	1738348.8637	84855.2385	60.2122	002°09'19.46121"N	117°27'53.50531"E
7	1738352.5402	84847.3549	60.3993	002°09'19.58072"N	117°27'53.25012"E
8	1738352.2781	84847.1988	60.7433	002°09'19.57219"N	117°27'53.24507"E
9	1738339.8419	84907.0495	59.8200	002°09'19.16866"N	117°27'55.18212"E
10	1738336.0524	84886.1955	60.0413	002°09'19.04483"N	117°27'54.50736"E
11	1738199.2653	84802.2674	60.6430	002°09'14.58990"N	117°27'51.79446"E
12	1738187.3508	84793.8626	61.1586	002°09'14.20185"N	117°27'51.52274"E
13	1738173.7615	84813.1605	61.2494	002°09'13.75987"N	117°27'52.14752"E
14	1738227.0943	84817.6158	60.2978	002°09'15.49621"N	117°27'52.29052"E
15	1738213.1155	84805.5607	60.1812	002°09'15.04087"N	117°27'51.90072"E
16	1738102.1276	84878.2420	63.3970	002°09'11.42929"N	117°27'54.25513"E
17	1738102.6701	84877.7318	63.3462	002°09'11.44694"N	117°27'54.23860"E
18	1738081.0569	84858.8090	61.3983	002°09'10.74291"N	117°27'53.62674"E
19	1738090.8831	84848.1788	61.1863	002°09'11.06256"N	117°27'53.28253"E
20	1738116.4573	84991.1573	66.9477	002°09'11.89828"N	117°27'57.90875"E
21	1738092.2352	84990.8495	66.5087	002°09'11.10973"N	117°27'57.89932"E

22	1738118.5980	85001.3856	67.0660	002°09'11.96820"N	117°27'58.23969"E
j1	1738112.7730	84976.0322	65.1104	002°09'11.77801"N	117°27'57.41938"E
j2	1738115.6398	84975.0764	65.4478	002°09'11.87132"N	117°27'57.38839"E
j3ikt1	1738112.7884	84977.1845	65.3303	002°09'11.77853"N	117°27'57.45667"E
j3	1738121.5628	85002.8296	67.1911	002°09'12.06475"N	117°27'58.28635"E
j4	1738123.1420	85003.8650	67.1243	002°09'12.11618"N	117°27'58.31982"E
j5	1738133.1153	85008.6533	66.1807	002°09'12.44097"N	117°27'58.47455"E
j6	1738131.7721	85011.1173	66.2232	002°09'12.39729"N	117°27'58.55432"E
j7	1738127.3898	85008.7602	66.8518	002°09'12.25458"N	117°27'58.47814"E
j8	1738122.0954	85006.7500	67.2773	002°09'12.08218"N	117°27'58.41321"E
j9	1738119.6923	85005.6568	67.2480	002°09'12.00392"N	117°27'58.37788"E
23	1738035.0450	85055.0022	61.5765	002°09'09.24933"N	117°27'59.97655"E
24	1738059.3988	85026.8412	61.4582	002°09'10.04154"N	117°27'59.06473"E
25	1738068.1491	85032.3632	61.4994	002°09'10.32653"N	117°27'59.24323"E
26ikt	1738078.0986	85021.1102	62.1650	002°09'10.65018"N	117°27'58.87887"E
26ikt1	1738071.6523	85028.7456	61.8543	002°09'10.44050"N	117°27'59.12609"E
26	1737899.7211	84992.9996	63.6407	002°09'04.84253"N	117°27'57.97312"E
27	1737909.1126	85000.5835	63.3077	002°09'05.14843"N	117°27'58.21833"E
j10	1737918.1180	85008.9931	63.1171	002°09'05.44179"N	117°27'58.49026"E
j11	1737920.2726	85006.7279	63.2858	002°09'05.51188"N	117°27'58.41692"E
j12	1737931.1750	85016.6633	63.0603	002°09'05.86702"N	117°27'58.73818"E
j13	1737929.4721	85019.2719	62.9939	002°09'05.81164"N	117°27'58.82264"E
j14ikt	1737917.8020	85009.0330	63.2906	002°09'05.43150"N	117°27'58.49156"E
28	1738148.1806	85154.9454	60.8411	002°09'12.93464"N	117°28'03.20823"E
29	1738140.1190	85164.9905	62.0288	002°09'12.67242"N	117°28'03.53347"E
30	1738217.8329	85224.5530	59.9243	002°09'15.20369"N	117°28'05.45921"E

31	1738223.3389	85213.0846	60.0891	002°09'15.38269"N	117°28'05.08797"E
32	1738253.9612	85144.2499	60.1226	002°09'16.37807"N	117°28'02.85981"E
33	1738259.3376	85133.5461	60.1906	002°09'16.55286"N	117°28'02.51332"E
34	1738261.3345	85087.3318	58.8299	002°09'16.61685"N	117°28'01.01778"E
35	1738278.4752	85108.7039	60.2209	002°09'17.17533"N	117°28'01.70900"E
36	1738310.7188	85062.6225	59.4372	002°09'18.22400"N	117°28'00.21710"E
37	1738317.9980	85052.3483	59.5072	002°09'18.46074"N	117°27'59.88447"E
38	1738297.4018	85038.8287	59.7044	002°09'17.78994"N	117°27'59.44742"E
39	1738298.1744	85037.7920	59.7182	002°09'17.81507"N	117°27'59.41386"E
40	1738290.8030	85033.2991	59.9210	002°09'17.57500"N	117°27'59.26863"E
41	1738291.4863	85032.4655	59.8363	002°09'17.59722"N	117°27'59.24164"E
42	1738255.0989	85007.5341	60.6056	002°09'16.41209"N	117°27'58.43566"E
43	1738248.8328	85017.0998	60.2085	002°09'16.20831"N	117°27'58.74534"E
44	1737618.7942	86121.3718	60.7805	002°08'55.72176"N	117°28'34.49333"E
45	1737632.1309	86043.6664	61.0402	002°08'56.15423"N	117°28'31.97849"E
46	1737649.0297	86048.3030	60.8436	002°08'56.70448"N	117°28'32.12817"E
47	1737643.7368	86077.4596	60.6191	002°08'56.53280"N	117°28'33.07179"E
48	1737468.6086	86002.9619	61.6927	002°08'50.82990"N	117°28'30.66485"E
49	1737443.4392	85998.1776	62.0699	002°08'50.01041"N	117°28'30.51057"E
50	1737694.0948	86050.0939	59.8247	002°08'58.17160"N	117°28'32.18514"E
51	1737685.6420	86047.8844	60.2687	002°08'57.89637"N	117°28'32.11383"E
52	1737838.0819	85874.7341	60.5545	002°09'02.85525"N	117°28'26.50737"E
53	1737835.5985	85888.8586	61.0785	002°09'02.77471"N	117°28'26.96450"E
54	1737813.3408	85888.6380	59.8129	002°09'02.05011"N	117°28'26.95784"E
55	1737785.8685	85863.4504	69.1747	002°09'01.15520"N	117°28'26.14337"E
56	1737768.4994	85845.0030	60.9153	002°09'00.58935"N	117°28'25.54679"E

57	1737761.9587	85866.1953	60.4442	002°09'00.37688"N	117°28'26.23271"E
58	1737762.3483	85863.4116	60.3779	002°09'00.38950"N	117°28'26.14262"E
59	1737738.5090	85832.4130	60.5112	002°08'59.61274"N	117°28'25.14003"E
60	1737734.5455	85842.1519	60.3555	002°08'59.48392"N	117°28'25.45526"E
61	1737703.2399	85820.7711	60.1274	002°08'58.46431"N	117°28'24.76406"E
62	1737702.7228	85827.0936	59.7101	002°08'58.44761"N	117°28'24.96867"E
63	1737705.4245	85804.8371	60.3127	002°08'58.53508"N	117°28'24.24839"E
64	1737703.1761	85815.6130	60.0503	002°08'58.46212"N	117°28'24.59715"E
65	1737839.6283	85861.4849	60.3892	002°09'02.90530"N	117°28'26.07859"E
66	1737841.1257	85848.8899	60.5810	002°09'02.95377"N	117°28'25.67099"E
Code	X	Y	Height	Latitude	Longitude
base_1	88428.5054	1737678.6478	64.2590	002°08'57.72011"N	117°29'49.15112"E
1	84409.4278	1739427.3562	59.8469	002°09'54.56133"N	117°27'39.05502"E
2	84388.2205	1739405.0069	59.1973	002°09'53.83328"N	117°27'38.36924"E
3	84418.7933	1739438.9468	59.3163	002°09'54.93887"N	117°27'39.35783"E
4	84404.2390	1739452.2063	61.7333	002°09'55.37020"N	117°27'38.88656"E
5	84552.1259	1739442.5927	60.3289	002°09'55.06053"N	117°27'43.67242"E
6	84566.0487	1739428.9813	60.1646	002°09'54.61773"N	117°27'44.12326"E
7	84542.4218	1739432.2723	60.0357	002°09'54.72434"N	117°27'43.35862"E
8	84556.3888	1739418.8369	63.0818	002°09'54.28727"N	117°27'43.81089"E
ikt1	84556.8910	1739417.9726	60.1175	002°09'54.25914"N	117°27'43.82716"E
ikt2	84570.8256	1739404.0809	60.4624	002°09'53.80721"N	117°27'44.27840"E
Code	X	Y	Height	Latitude	Longitude
base_1	1737678.6478	88428.5054	64.2590	002°08'57.72011"N	117°29'49.15112"E
j1	1737840.1012	86072.5843	60.2234	002°09'02.92531"N	117°28'32.90976"E
j2	1737847.1083	86072.0972	60.3202	002°09'03.15342"N	117°28'32.89385"E

j3	1737849.2222	86103.8126	60.2585	002°09'03.22293"N	117°28'33.92011"E
j4	1737842.3573	86104.7275	60.2109	002°09'02.99946"N	117°28'33.94987"E
j5	1737841.4843	86092.5660	60.2365	002°09'02.97077"N	117°28'33.55634"E
j6	1737836.6038	86090.9759	59.9796	002°09'02.81185"N	117°28'33.50499"E
j7	1737830.0738	86089.9530	58.8824	002°09'02.59925"N	117°28'33.47203"E
j8	1737829.7643	86084.3028	60.0437	002°09'02.58905"N	117°28'33.28920"E
j9	1737836.2899	86084.6233	59.9176	002°09'02.80150"N	117°28'33.29943"E
j10	1737840.7007	86082.1531	60.2175	002°09'02.94503"N	117°28'33.21940"E
j11	1737816.4377	86088.7609	59.8205	002°09'02.15530"N	117°28'33.43375"E
j12	1737809.7601	86087.7120	60.1878	002°09'01.93789"N	117°28'33.39996"E
p1	1737809.9333	86088.9503	60.3297	002°09'01.94356"N	117°28'33.44002"E
j13	1737793.2078	86084.5672	60.1477	002°09'01.39896"N	117°28'33.29855"E
j14	1737791.6754	86084.1796	60.1539	002°09'01.34907"N	117°28'33.28604"E
j15	1737791.3317	86085.4091	60.1354	002°09'01.33790"N	117°28'33.32583"E
p2	1737792.9255	86085.9915	60.3335	002°09'01.38980"N	117°28'33.34465"E
j16	1737788.2117	86102.4518	59.4494	002°09'01.23671"N	117°28'33.87740"E
j17	1737789.9072	86102.6820	59.5915	002°09'01.29191"N	117°28'33.88482"E
p3	1737790.7369	86099.2608	60.1143	002°09'01.31884"N	117°28'33.77409"E
j18	1737780.9820	86081.2701	60.0986	002°09'01.00088"N	117°28'33.19212"E
j19	1737782.8319	86075.3754	60.0278	002°09'01.06098"N	117°28'33.00133"E
1	1738091.6904	85309.2519	61.0680	002°09'11.09902"N	117°28'08.20283"E
j20	1738112.8250	85319.6116	60.2120	002°09'11.78728"N	117°28'08.53761"E
j22	1738114.4293	85316.8735	60.2794	002°09'11.83944"N	117°28'08.44897"E
j23	1738099.9508	85308.6514	60.6004	002°09'11.36792"N	117°28'08.18322"E
j24	1738086.6501	85301.7066	60.6453	002°09'10.93476"N	117°28'07.95877"E
2	1738082.4758	85304.3419	60.9961	002°09'10.79893"N	117°28'08.04414"E

j25	1738073.4072	85298.4291	60.7962	002°09'10.50357"N	117°28'07.85300"E
3	1738072.9473	85298.9794	60.7946	002°09'10.48861"N	117°28'07.87082"E
j26	1738059.5961	85288.0178	60.7493	002°09'10.05372"N	117°28'07.51640"E
j27	1738053.7542	85285.3414	60.8151	002°09'09.86348"N	117°28'07.42992"E
4	1738052.4981	85288.9797	61.0002	002°09'09.82267"N	117°28'07.54768"E
j28	1738042.7480	85281.1296	60.8062	002°09'09.50509"N	117°28'07.29386"E
5	1738044.0589	85280.0528	60.9379	002°09'09.54774"N	117°28'07.25899"E
j29	1738041.8992	85284.2021	60.7916	002°09'09.47752"N	117°28'07.39331"E
j30	1738036.4672	85279.8952	60.6566	002°09'09.30059"N	117°28'07.25406"E
j31	1738035.6384	85282.8534	60.7387	002°09'09.27367"N	117°28'07.34980"E
j32	1738184.4699	84789.9930	60.2570	002°09'14.10797"N	117°27'51.39758"E
j33	1738186.9921	84786.1478	60.1713	002°09'14.18999"N	117°27'51.27310"E
j34	1738199.9426	84801.4319	60.3736	002°09'14.61193"N	117°27'51.76740"E
6	1738199.2917	84802.2548	60.5612	002°09'14.59076"N	117°27'51.79405"E
jl35	1738206.5516	84806.8288	60.2764	002°09'14.82721"N	117°27'51.94190"E
jl36	1738209.3508	84802.9706	60.2946	002°09'14.91825"N	117°27'51.81699"E
jl37	1738214.9164	84793.8230	60.1828	002°09'15.09923"N	117°27'51.52085"E
jl38	1738217.8681	84788.7799	60.4075	002°09'15.19522"N	117°27'51.35759"E
jl39	1738219.2524	84784.7351	60.4270	002°09'15.24019"N	117°27'51.22667"E
jl40	1738233.0234	84764.2234	60.1728	002°09'15.68805"N	117°27'50.56261"E
jl41	1738236.0475	84766.0985	60.1740	002°09'15.78654"N	117°27'50.62322"E
jl42	1738228.1418	84779.1122	60.3051	002°09'15.52946"N	117°27'51.04452"E
7	1738230.3155	84778.1716	60.0550	002°09'15.60020"N	117°27'51.01404"E
j43	1738212.1481	84804.4471	60.4256	002°09'15.00935"N	117°27'51.86471"E
j44	1738211.7788	84805.4853	60.4447	002°09'14.99735"N	117°27'51.89831"E
j45	1738223.8052	84816.0296	60.3472	002°09'15.38910"N	117°27'52.23926"E

j46	1738226.6653	84818.2811	60.3887	002°09'15.48226"N	117°27'52.31206"E
8	1738227.1759	84817.7214	60.4149	002°09'15.49887"N	117°27'52.29393"E
j47	1738224.5077	84822.3560	60.4238	002°09'15.41211"N	117°27'52.44397"E
j48	1738244.4046	84839.9323	60.2856	002°09'16.06023"N	117°27'53.01230"E
j49	1738246.9202	84843.3415	60.1025	002°09'16.14221"N	117°27'53.12257"E
j50	1738247.4587	84850.0393	60.0838	002°09'16.15988"N	117°27'53.33930"E
j51	1738248.4077	84850.4317	60.0623	002°09'16.19079"N	117°27'53.35197"E
j52	1738263.0016	84860.8267	60.0288	002°09'16.66612"N	117°27'53.68804"E
9	1738261.9275	84862.4671	60.2371	002°09'16.63119"N	117°27'53.74114"E
j53	1738273.3464	84868.2867	60.0281	002°09'17.00306"N	117°27'53.92921"E
j54	1738280.8180	84873.4667	60.0090	002°09'17.24640"N	117°27'54.09667"E
j55	1738283.4881	84870.5552	60.0903	002°09'17.33326"N	117°27'54.00240"E
j56	1738272.3405	84860.7353	59.9995	002°09'16.97014"N	117°27'53.68487"E
j57	1738272.3870	84858.4681	59.9961	002°09'16.97161"N	117°27'53.61150"E
j58Ggsikka	1738275.9956	84849.9336	60.0016	002°09'17.08889"N	117°27'53.33525"E
j58	1738273.7080	84848.8311	59.9894	002°09'17.01440"N	117°27'53.29962"E
j59	1738270.1796	84856.8703	59.9504	002°09'16.89971"N	117°27'53.55985"E
j60	1738268.8057	84857.3693	60.0280	002°09'16.85499"N	117°27'53.57602"E
j61	1738254.6092	84844.9969	60.1773	002°09'16.39256"N	117°27'53.17597"E
j62	1738251.3576	84840.6914	60.2034	002°09'16.28661"N	117°27'53.03671"E
j63	1738247.2295	84836.1452	60.4016	002°09'16.15211"N	117°27'52.88969"E
j64	1738313.8929	84890.8214	59.9923	002°09'18.32353"N	117°27'54.65754"E
j65	1738311.5489	84894.1534	60.0847	002°09'18.24730"N	117°27'54.76542"E
j66	1738318.6785	84893.8434	60.1358	002°09'18.47939"N	117°27'54.75523"E
10	1738319.5727	84892.9610	60.0839	002°09'18.50849"N	117°27'54.72666"E
j67	1738322.2340	84895.2692	60.0832	002°09'18.59517"N	117°27'54.80129"E

j68	1738322.3034	84896.5167	60.1899	002°09'18.59746"N	117°27'54.84166"E
j69	1738326.5618	84899.3037	60.2204	002°09'18.73616"N	117°27'54.93175"E
j70	1738324.4211	84902.7093	60.1425	002°09'18.66654"N	117°27'55.04201"E
j71	1738323.0594	84879.3718	60.4230	002°09'18.62170"N	117°27'54.28683"E
j72	1738325.6759	84880.3565	60.7398	002°09'18.70690"N	117°27'54.31864"E
11	1738327.6653	84862.5558	60.2242	002°09'18.77127"N	117°27'53.74256"E
j73	1738328.6220	84862.8201	60.0653	002°09'18.80242"N	117°27'53.75110"E
j74	1738331.8576	84853.1289	60.0622	002°09'18.90754"N	117°27'53.43742"E
12	1738330.8619	84853.0535	60.2004	002°09'18.87512"N	117°27'53.43500"E
j75	1738335.2286	84843.5464	59.9045	002°09'19.01707"N	117°27'53.12725"E
14	1738333.9399	84843.3932	60.1776	002°09'18.97511"N	117°27'53.12233"E
j76	1738342.0333	84827.2648	59.5116	002°09'19.23823"N	117°27'52.60023"E
j77	1738344.7387	84828.5861	59.6068	002°09'19.32634"N	117°27'52.64293"E
j78	1738338.1467	84835.0978	59.8237	002°09'19.11188"N	117°27'52.85379"E
15	1738339.4613	84840.3288	59.9087	002°09'19.15479"N	117°27'53.02304"E
j79	1738336.3573	84849.6954	59.9649	002°09'19.05395"N	117°27'53.32621"E
j80	1738335.4962	84852.2176	60.0026	002°09'19.02597"N	117°27'53.40785"E
j81	1738352.9178	84860.9357	60.0150	002°09'19.59332"N	117°27'53.68958"E
j82	1738354.6952	84858.8359	59.9348	002°09'19.65114"N	117°27'53.62160"E
16	1738348.8246	84855.2320	60.1826	002°09'19.45994"N	117°27'53.50510"E
Code	X	Y	Height	Latitude	Longitude
base_1	1737678.6478	88428.5054	64.2590	002°08'57.72011"N	117°29'49.15112"E
1	1738333.9374	84843.4256	60.1915	002°09'18.97503"N	117°27'53.12337"E
2	1738312.4870	84831.1930	60.5363	002°09'18.27645"N	117°27'52.72800"E
3	1738343.5888	84823.7668	59.5332	002°09'19.28879"N	117°27'52.48700"E
4	1738330.7879	84853.0690	60.1608	002°09'18.87271"N	117°27'53.43550"E

5	1738327.5721	84862.6221	60.5053	002°09'18.76823"N	117°27'53.74471"E
6	1738348.8637	84855.2385	60.2122	002°09'19.46121"N	117°27'53.50531"E
7	1738352.5402	84847.3549	60.3993	002°09'19.58072"N	117°27'53.25012"E
8	1738352.2781	84847.1988	60.7433	002°09'19.57219"N	117°27'53.24507"E
9	1738339.8419	84907.0495	59.8200	002°09'19.16866"N	117°27'55.18212"E
10	1738336.0524	84886.1955	60.0413	002°09'19.04483"N	117°27'54.50736"E
11	1738199.2653	84802.2674	60.6430	002°09'14.58990"N	117°27'51.79446"E
12	1738187.3508	84793.8626	61.1586	002°09'14.20185"N	117°27'51.52274"E
13	1738173.7615	84813.1605	61.2494	002°09'13.75987"N	117°27'52.14752"E
14	1738227.0943	84817.6158	60.2978	002°09'15.49621"N	117°27'52.29052"E
15	1738213.1155	84805.5607	60.1812	002°09'15.04087"N	117°27'51.90072"E
16	1738102.1276	84878.2420	63.3970	002°09'11.42929"N	117°27'54.25513"E
17	1738102.6701	84877.7318	63.3462	002°09'11.44694"N	117°27'54.23860"E
18	1738081.0569	84858.8090	61.3983	002°09'10.74291"N	117°27'53.62674"E
19	1738090.8831	84848.1788	61.1863	002°09'11.06256"N	117°27'53.28253"E
20	1738116.4573	84991.1573	66.9477	002°09'11.89828"N	117°27'57.90875"E
21	1738092.2352	84990.8495	66.5087	002°09'11.10973"N	117°27'57.89932"E
22	1738118.5980	85001.3856	67.0660	002°09'11.96820"N	117°27'58.23969"E
j1	1738112.7730	84976.0322	65.1104	002°09'11.77801"N	117°27'57.41938"E
j2	1738115.6398	84975.0764	65.4478	002°09'11.87132"N	117°27'57.38839"E
j3ikt1	1738112.7884	84977.1845	65.3303	002°09'11.77853"N	117°27'57.45667"E
j3	1738121.5628	85002.8296	67.1911	002°09'12.06475"N	117°27'58.28635"E
j4	1738123.1420	85003.8650	67.1243	002°09'12.11618"N	117°27'58.31982"E
j5	1738133.1153	85008.6533	66.1807	002°09'12.44097"N	117°27'58.47455"E
j6	1738131.7721	85011.1173	66.2232	002°09'12.39729"N	117°27'58.55432"E
j7	1738127.3898	85008.7602	66.8518	002°09'12.25458"N	117°27'58.47814"E

j8	1738122.0954	85006.7500	67.2773	002°09'12.08218"N	117°27'58.41321"E
j9	1738119.6923	85005.6568	67.2480	002°09'12.00392"N	117°27'58.37788"E
23	1738035.0450	85055.0022	61.5765	002°09'09.24933"N	117°27'59.97655"E
24	1738059.3988	85026.8412	61.4582	002°09'10.04154"N	117°27'59.06473"E
25	1738068.1491	85032.3632	61.4994	002°09'10.32653"N	117°27'59.24323"E
26ikt	1738078.0986	85021.1102	62.1650	002°09'10.65018"N	117°27'58.87887"E
26ikt1	1738071.6523	85028.7456	61.8543	002°09'10.44050"N	117°27'59.12609"E
26	1737899.7211	84992.9996	63.6407	002°09'04.84253"N	117°27'57.97312"E
27	1737909.1126	85000.5835	63.3077	002°09'05.14843"N	117°27'58.21833"E
j10	1737918.1180	85008.9931	63.1171	002°09'05.44179"N	117°27'58.49026"E
j11	1737920.2726	85006.7279	63.2858	002°09'05.51188"N	117°27'58.41692"E
j12	1737931.1750	85016.6633	63.0603	002°09'05.86702"N	117°27'58.73818"E
j13	1737929.4721	85019.2719	62.9939	002°09'05.81164"N	117°27'58.82264"E
j14ikt	1737917.8020	85009.0330	63.2906	002°09'05.43150"N	117°27'58.49156"E
28	1738148.1806	85154.9454	60.8411	002°09'12.93464"N	117°28'03.20823"E
29	1738140.1190	85164.9905	62.0288	002°09'12.67242"N	117°28'03.53347"E
30	1738217.8329	85224.5530	59.9243	002°09'15.20369"N	117°28'05.45921"E
31	1738223.3389	85213.0846	60.0891	002°09'15.38269"N	117°28'05.08797"E
32	1738253.9612	85144.2499	60.1226	002°09'16.37807"N	117°28'02.85981"E
33	1738259.3376	85133.5461	60.1906	002°09'16.55286"N	117°28'02.51332"E
34	1738261.3345	85087.3318	58.8299	002°09'16.61685"N	117°28'01.01778"E
35	1738278.4752	85108.7039	60.2209	002°09'17.17533"N	117°28'01.70900"E
36	1738310.7188	85062.6225	59.4372	002°09'18.22400"N	117°28'00.21710"E
37	1738317.9980	85052.3483	59.5072	002°09'18.46074"N	117°27'59.88447"E
38	1738297.4018	85038.8287	59.7044	002°09'17.78994"N	117°27'59.44742"E
39	1738298.1744	85037.7920	59.7182	002°09'17.81507"N	117°27'59.41386"E

40	1738290.8030	85033.2991	59.9210	002°09'17.57500"N	117°27'59.26863"E
41	1738291.4863	85032.4655	59.8363	002°09'17.59722"N	117°27'59.24164"E
42	1738255.0989	85007.5341	60.6056	002°09'16.41209"N	117°27'58.43566"E
43	1738248.8328	85017.0998	60.2085	002°09'16.20831"N	117°27'58.74534"E
44	1737618.7942	86121.3718	60.7805	002°08'55.72176"N	117°28'34.49333"E
45	1737632.1309	86043.6664	61.0402	002°08'56.15423"N	117°28'31.97849"E
46	1737649.0297	86048.3030	60.8436	002°08'56.70448"N	117°28'32.12817"E
47	1737643.7368	86077.4596	60.6191	002°08'56.53280"N	117°28'33.07179"E
48	1737468.6086	86002.9619	61.6927	002°08'50.82990"N	117°28'30.66485"E
49	1737443.4392	85998.1776	62.0699	002°08'50.01041"N	117°28'30.51057"E
50	1737694.0948	86050.0939	59.8247	002°08'58.17160"N	117°28'32.18514"E
51	1737685.6420	86047.8844	60.2687	002°08'57.89637"N	117°28'32.11383"E
52	1737838.0819	85874.7341	60.5545	002°09'02.85525"N	117°28'26.50737"E
53	1737835.5985	85888.8586	61.0785	002°09'02.77471"N	117°28'26.96450"E
54	1737813.3408	85888.6380	59.8129	002°09'02.05011"N	117°28'26.95784"E
55	1737785.8685	85863.4504	69.1747	002°09'01.15520"N	117°28'26.14337"E
56	1737768.4994	85845.0030	60.9153	002°09'00.58935"N	117°28'25.54679"E
57	1737761.9587	85866.1953	60.4442	002°09'00.37688"N	117°28'26.23271"E
58	1737762.3483	85863.4116	60.3779	002°09'00.38950"N	117°28'26.14262"E
59	1737738.5090	85832.4130	60.5112	002°08'59.61274"N	117°28'25.14003"E
60	1737734.5455	85842.1519	60.3555	002°08'59.48392"N	117°28'25.45526"E
61	1737703.2399	85820.7711	60.1274	002°08'58.46431"N	117°28'24.76406"E
62	1737702.7228	85827.0936	59.7101	002°08'58.44761"N	117°28'24.96867"E
63	1737705.4245	85804.8371	60.3127	002°08'58.53508"N	117°28'24.24839"E
64	1737703.1761	85815.6130	60.0503	002°08'58.46212"N	117°28'24.59715"E
65	1737839.6283	85861.4849	60.3892	002°09'02.90530"N	117°28'26.07859"E

66	1737841.1257	85848.8899	60.5810	002°09'02.95377"N	117°28'25.67099"E
Code	X	Y	Height	Latitude	Longitude
base_1	1737678.6478	88428.5054	64.2590	002°08'57.72011"N	117°29'49.15112"E
1	1738723.1763	84574.6741	60.4864	002°09'31.64064"N	117°27'44.41799"E
2	1738882.5787	84714.3134	59.7508	002°09'36.83304"N	117°27'48.93321"E
3	1738701.0552	84599.6215	60.1066	002°09'30.92105"N	117°27'45.22578"E
4	1738619.2377	84682.9471	60.6144	002°09'28.25935"N	117°27'47.92400"E
5	1738588.8984	84708.6566	59.7654	002°09'27.27223"N	117°27'48.75663"E
6	1738835.2269	84860.0593	60.5985	002°09'35.29475"N	117°27'53.65061"E
7	1738809.9012	84892.0174	60.6289	002°09'34.47099"N	117°27'54.68533"E
j1	1738731.9769	84558.8720	59.1800	002°09'31.92679"N	117°27'43.90644"E
j2	1738722.7766	84569.1986	59.2302	002°09'31.62751"N	117°27'44.24081"E
j3	1738722.8581	84569.9549	59.2505	002°09'31.63018"N	117°27'44.26528"E
j4	1738725.0637	84575.4994	59.3168	002°09'31.70210"N	117°27'44.44466"E
j5	1738730.8883	84580.6956	59.1911	002°09'31.89184"N	117°27'44.61268"E
j6	1738735.8275	84585.1423	59.2275	002°09'32.05273"N	117°27'44.75646"E
j7	1738741.2250	84589.8034	58.2108	002°09'32.22855"N	117°27'44.90718"E
j8	1738751.4157	84598.7566	59.3455	002°09'32.56050"N	117°27'45.19668"E
base_2	1865458.5038	99449.0996	108.8791	003°18'17.90966"N	117°35'42.67784"E
j9	1738774.9192	84619.3289	59.2652	002°09'33.32611"N	117°27'45.86188"E
j10	1738793.6681	84635.6967	59.2357	002°09'33.93683"N	117°27'46.39113"E
j11	1738821.0028	84659.7382	59.2524	002°09'34.82724"N	117°27'47.16851"E
j12	1738864.4784	84698.0418	59.3235	002°09'36.24343"N	117°27'48.40706"E
j13	1738898.0893	84728.1876	59.3747	002°09'37.33829"N	117°27'49.38184"E
j14	1738900.4377	84725.7399	59.4003	002°09'37.41469"N	117°27'49.30258"E
j15	1738905.9005	84730.7960	59.3675	002°09'37.59264"N	117°27'49.46607"E

j16	1738903.7292	84733.2988	59.4153	002°09'37.52201"N	117°27'49.54711"E
prt1	1738907.9480	84728.7788	59.2471	002°09'37.65925"N	117°27'49.40075"E
j18	1738890.6565	84716.8227	59.3091	002°09'37.09607"N	117°27'49.01423"E
j19	1738822.2831	84656.4582	59.2101	002°09'34.86885"N	117°27'47.06234"E
j20	1738807.3981	84643.3788	59.1712	002°09'34.38398"N	117°27'46.63942"E
j21	1738721.1149	84571.8898	59.2024	002°09'31.57347"N	117°27'44.32794"E
j22	1738720.4887	84571.8329	59.1852	002°09'31.55308"N	117°27'44.32611"E
prt2	1738724.2489	84567.5316	59.2316	002°09'31.67540"N	117°27'44.18683"E
prt3	1738726.1822	84569.3273	59.5169	002°09'31.73838"N	117°27'44.24490"E
j23	1738707.2236	84586.4387	59.2321	002°09'31.12157"N	117°27'44.79905"E
j24	1738698.0918	84596.5585	59.4171	002°09'30.82450"N	117°27'45.12672"E
j25	1738690.6877	84604.3483	59.4361	002°09'30.58364"N	117°27'45.37897"E
j26	1738687.4556	84607.7972	59.4828	002°09'30.47850"N	117°27'45.49064"E
j27	1738693.2562	84613.2288	60.0699	002°09'30.66746"N	117°27'45.66628"E
j28	1738696.6601	84609.5864	60.0002	002°09'30.77819"N	117°27'45.54834"E
j29	1738682.8326	84612.6378	59.5092	002°09'30.32810"N	117°27'45.64739"E
j30	1738658.5406	84636.3432	59.5027	002°09'29.53781"N	117°27'46.41503"E
j31	1738658.0449	84637.8006	59.4378	002°09'29.52171"N	117°27'46.46221"E
j32	1738652.7214	84644.9947	59.3610	002°09'29.34856"N	117°27'46.69512"E
j33	1738645.5851	84652.8483	59.5113	002°09'29.11641"N	117°27'46.94942"E
j34	1738638.0749	84659.9212	59.5041	002°09'28.87208"N	117°27'47.17847"E
j35	1738634.9189	84663.0281	59.5555	002°09'28.76940"N	117°27'47.27908"E
j36	1738617.7763	84680.8169	59.5386	002°09'28.21173"N	117°27'47.85510"E
j37	1738601.9278	84695.4795	59.5823	002°09'27.69611"N	117°27'48.32993"E
j38	1738595.1841	84701.5910	59.5554	002°09'27.47671"N	117°27'48.52785"E
j39	1738587.0589	84706.8766	59.5789	002°09'27.21231"N	117°27'48.69907"E

j40	1738574.3361	84719.3011	59.5295	002°09'26.79840"N	117°27'49.10141"E
j41	1738567.3266	84711.3592	59.7269	002°09'26.57003"N	117°27'48.84457"E
j42	1738586.5615	84692.7613	59.5055	002°09'27.19580"N	117°27'48.24231"E
j43	1738596.1745	84683.3848	59.5841	002°09'27.50854"N	117°27'47.93868"E
j44	1738596.5507	84680.5807	59.8045	002°09'27.52073"N	117°27'47.84793"E
j45	1738595.4800	84677.4708	59.8439	002°09'27.48580"N	117°27'47.74731"E
j46	1738588.1160	84671.6348	59.9499	002°09'27.24594"N	117°27'47.55862"E
j47	1738593.3077	84665.4408	59.9520	002°09'27.41482"N	117°27'47.35807"E
j48	1738604.6012	84673.7758	59.7802	002°09'27.78266"N	117°27'47.62754"E
j49	1738606.1339	84673.5689	59.6484	002°09'27.83255"N	117°27'47.62081"E
j50	1738607.5865	84672.3538	59.6625	002°09'27.87981"N	117°27'47.58146"E
j51	1738659.5236	84615.3646	59.5893	002°09'29.56935"N	117°27'45.73614"E
j52	1738666.9451	84606.7770	59.5524	002°09'29.81076"N	117°27'45.45808"E
j53	1738674.2571	84597.0710	59.5801	002°09'30.04859"N	117°27'45.14383"E
j54	1738678.1571	84590.5813	59.5991	002°09'30.17541"N	117°27'44.93374"E
j55	1738688.1032	84579.1297	59.5175	002°09'30.49894"N	117°27'44.56295"E
j56	1738699.4811	84566.3891	59.5977	002°09'30.86907"N	117°27'44.15041"E
j57	1738716.8325	84547.1738	59.4944	002°09'31.43351"N	117°27'43.52822"E
8	1738240.9986	84883.9749	60.0170	002°09'15.95033"N	117°27'54.43759"E
jl1	1738196.6476	84900.9314	60.1812	002°09'14.50687"N	117°27'54.98728"E
jl2	1738193.2714	84899.1778	59.9860	002°09'14.39692"N	117°27'54.93061"E
jl3	1738195.9764	84896.5246	60.1336	002°09'14.48492"N	117°27'54.84469"E
12	1738214.5423	84877.8556	60.1335	002°09'15.08891"N	117°27'54.24015"E
13	1738217.0896	84880.2928	60.1134	002°09'15.17190"N	117°27'54.31897"E
14	1738231.7161	84865.5540	60.1744	002°09'15.64773"N	117°27'53.84170"E
15	1738228.9830	84863.4653	60.1978	002°09'15.55871"N	117°27'53.77417"E

16	1738240.2371	84856.9326	60.0527	002°09'15.92494"N	117°27'53.56252"E
17	1738245.9440	84850.8518	60.1303	002°09'16.11059"N	117°27'53.36562"E
18	1738242.5003	84848.6830	60.0911	002°09'15.99843"N	117°27'53.29551"E
19	1738246.7488	84843.6819	60.0029	002°09'16.13663"N	117°27'53.13359"E
20	1738233.1031	84859.7375	60.1642	002°09'15.69275"N	117°27'53.65345"E
Code	X	Y	Height	Latitude	Longitude
base_1	1737678.6478	88428.5054	64.2590	002°08'57.72011"N	117°29'49.15112"E
1	1738162.7169	84322.3148	61.9375	002°09'13.38944"N	117°27'36.26402"E
2	1738156.2988	84332.5671	61.8480	002°09'13.18073"N	117°27'36.59592"E
3	1738170.7485	84312.0724	63.5419	002°09'13.65068"N	117°27'35.93240"E
4	1738169.2868	84311.0721	62.6419	002°09'13.60307"N	117°27'35.90006"E
5	1738152.1387	84299.7297	66.3859	002°09'13.04457"N	117°27'35.53340"E
6	1738149.7155	84343.5599	62.0220	002°09'12.96666"N	117°27'36.95179"E
7	1738143.4253	84354.2764	61.3367	002°09'12.76212"N	117°27'37.29872"E
8	1738113.1783	84387.2266	62.3159	002°09'11.77817"N	117°27'38.36565"E
9	1737918.0492	84377.9510	60.2452	002°09'05.42560"N	117°27'38.06980"E
BM	1737917.9879	84377.8246	60.4705	002°09'05.42360"N	117°27'38.06571"E
10	1737918.8623	84378.6694	61.3522	002°09'05.45208"N	117°27'38.09303"E
11	1737861.4163	84446.1853	61.8232	002°09'03.58344"N	117°27'40.27910"E
12	1737843.9996	84436.2062	63.1954	002°09'03.01622"N	117°27'39.95656"E
13	1737914.7406	84244.7944	61.3505	002°09'05.31493"N	117°27'33.76094"E
14	1737943.0048	84199.7595	61.6147	002°09'06.23406"N	117°27'32.30299"E
15ikt	1737947.6597	84265.9223	61.3964	002°09'06.38707"N	117°27'34.44391"E
15iku	1737613.8437	83718.9789	71.1559	002°08'55.50764"N	117°27'16.75229"E
15	1737606.8012	83708.6945	71.8675	002°08'55.27814"N	117°27'16.41965"E
16	1737620.1888	83692.2438	73.4105	002°08'55.71361"N	117°27'15.88701"E

17	1738179.9353	84408.8688	61.0438	002°09'13.95190"N	117°27'39.06452"E
18	1738191.8919	84416.9743	61.5375	002°09'14.34133"N	117°27'39.32655"E
19	1738251.4496	84362.4623	62.4251	002°09'16.27900"N	117°27'37.56123"E
20	1738245.0167	84367.7937	61.8562	002°09'16.06970"N	117°27'37.73390"E
21	1738185.6035	84429.0249	61.0728	002°09'14.13688"N	117°27'39.71664"E
22	1738209.1944	84444.5074	61.1517	002°09'14.90522"N	117°27'40.21714"E
23	1738158.9502	84475.7936	61.1295	002°09'13.27022"N	117°27'41.23066"E
24	1738248.2053	84468.1863	62.3719	002°09'16.17573"N	117°27'40.98252"E
25	1738272.3558	84482.7778	62.2817	002°09'16.96227"N	117°27'41.45417"E
26	1738244.3493	84526.8341	62.2855	002°09'16.05150"N	117°27'42.88045"E
27	1738109.8866	84563.0122	61.9540	002°09'11.67491"N	117°27'44.05414"E
28	1738225.0082	84439.2873	61.2599	002°09'15.41991"N	117°27'40.04787"E
29	1738239.8715	84448.3930	61.1857	002°09'15.90399"N	117°27'40.34220"E
30	1738249.1040	84454.3381	61.0229	002°09'16.20468"N	117°27'40.53438"E
31	1738258.6539	84436.4761	61.1053	002°09'16.51518"N	117°27'39.95616"E
32	1738263.0757	84427.5450	61.2964	002°09'16.65893"N	117°27'39.66705"E
33	1738267.7351	84419.0180	61.6609	002°09'16.81043"N	117°27'39.39101"E
34	1738242.7341	84414.9807	62.4707	002°09'15.99644"N	117°27'39.26091"E
35	1738247.7771	84406.4439	61.5462	002°09'16.16042"N	117°27'38.98455"E
36	1738322.9791	84442.0221	61.4105	002°09'18.60939"N	117°27'40.13420"E
37	1738330.9057	84437.8452	61.3809	002°09'18.86734"N	117°27'39.99886"E
38	1738363.7630	84427.8297	61.7666	002°09'19.93678"N	117°27'39.67404"E
39	1738382.9509	84422.7227	62.1850	002°09'20.56132"N	117°27'39.50835"E
40	1738397.6560	84419.0231	62.2133	002°09'21.03996"N	117°27'39.38831"E
41	1738412.1175	84415.3506	61.5846	002°09'21.51067"N	117°27'39.26914"E
42	1738426.1748	84405.1891	61.3876	002°09'21.96808"N	117°27'38.94001"E

43	1738435.3890	84402.8413	61.5732	002°09'22.26799"N	117°27'38.86383"E
44	1738400.8332	84411.1987	62.0469	002°09'21.14322"N	117°27'39.13504"E
45	1738386.1235	84414.6670	61.8539	002°09'20.66443"N	117°27'39.24760"E
46	1738321.8411	84445.4556	61.7584	002°09'18.57242"N	117°27'40.24534"E
47	1738321.6525	84450.6363	61.3771	002°09'18.56639"N	117°27'40.41299"E
48	1738323.7443	84461.6523	61.8613	002°09'18.63473"N	117°27'40.76942"E
49	1738478.9581	84603.5249	60.7884	002°09'23.69083"N	117°27'45.35699"E
50	1738492.9115	84610.5262	61.6818	002°09'24.14523"N	117°27'45.58324"E
51	1738461.3523	84633.8944	61.3850	002°09'23.11835"N	117°27'46.34014"E
52	1738472.4123	84643.9557	61.2993	002°09'23.47863"N	117°27'46.66548"E
53	1738512.6462	84599.9361	61.0825	002°09'24.78745"N	117°27'45.24012"E
54	1738502.1462	84589.8222	61.4265	002°09'24.44540"N	117°27'44.91306"E
j1	1738478.1707	84592.4497	61.0493	002°09'23.66494"N	117°27'44.99861"E
j2	1738474.0089	84599.2232	61.0008	002°09'23.52961"N	117°27'45.21790"E
j3	1738495.6087	84608.9128	60.9736	002°09'24.23300"N	117°27'45.53098"E
j4	1738512.5523	84616.5974	60.9443	002°09'24.78476"N	117°27'45.77928"E
j5	1738516.2303	84609.4515	60.9953	002°09'24.90434"N	117°27'45.54795"E
60	1738508.3104	84604.0877	61.4104	002°09'24.64639"N	117°27'45.37456"E
61	1738493.1123	84597.5208	61.3024	002°09'24.15148"N	117°27'45.16239"E
j7	1738356.8133	84428.7280	61.3807	002°09'19.71056"N	117°27'39.70326"E
j8	1738356.4885	84423.7850	61.3278	002°09'19.69987"N	117°27'39.54331"E
j9	1738372.0177	84419.7846	61.5063	002°09'20.20533"N	117°27'39.41351"E
j10	1738377.3247	84418.3735	61.4000	002°09'20.37807"N	117°27'39.36774"E
j11	1738385.0170	84416.4021	61.4245	002°09'20.62845"N	117°27'39.30377"E
j12	1738400.3339	84412.5451	61.6044	002°09'21.12700"N	117°27'39.17862"E
j13	1738418.5971	84408.0734	61.5576	002°09'21.72145"N	117°27'39.03351"E

j14	1738432.3518	84404.2009	61.5993	002°09'22.16914"N	117°27'38.90789"E
j15	1738445.8107	84400.6905	61.8469	002°09'22.60722"N	117°27'38.79400"E
j16	1738447.4766	84404.9706	61.8704	002°09'22.66154"N	117°27'38.93247"E
j17	1738284.8402	84477.8980	60.7805	002°09'17.36858"N	117°27'41.29599"E
j18	1738287.6426	84476.4758	60.5108	002°09'17.45978"N	117°27'41.24990"E
j19	1738288.2567	84475.0450	61.2010	002°09'17.47975"N	117°27'41.20359"E
j20	1738292.3278	84477.1443	60.9195	002°09'17.61232"N	117°27'41.27143"E
j21	1738290.2344	84481.2668	60.8473	002°09'17.54427"N	117°27'41.40488"E
j22	1738295.9263	84484.6780	60.6888	002°09'17.72964"N	117°27'41.51514"E
j23	1738291.8944	84491.7633	60.6626	002°09'17.59854"N	117°27'41.74451"E
j24	1738273.9163	84480.7505	60.6793	002°09'17.01302"N	117°27'41.38853"E
j25	1738250.4364	84466.3025	60.7477	002°09'16.24832"N	117°27'40.92152"E
j26	1738230.5340	84454.0701	60.7741	002°09'15.60013"N	117°27'40.52611"E
j27	1738216.0618	84445.1680	60.8760	002°09'15.12880"N	117°27'40.23836"E
j28	1738212.6840	84450.1121	58.5912	002°09'15.01894"N	117°27'40.39843"E
j29	1738182.9620	84466.6392	61.0134	002°09'14.05172"N	117°27'40.93390"E
j30	1738179.0206	84464.3808	61.0298	002°09'13.92336"N	117°27'40.86090"E
j31	1738159.2818	84476.8324	61.0302	002°09'13.28104"N	117°27'41.26427"E
j32	1738159.5525	84480.9638	61.0306	002°09'13.28995"N	117°27'41.39796"E
j33	1738152.0018	84482.3518	61.0314	002°09'13.04417"N	117°27'41.44304"E
j34	1738154.5021	84485.4388	60.9332	002°09'13.12563"N	117°27'41.54288"E
j35	1738209.0963	84445.2616	61.0917	002°09'14.90204"N	117°27'40.24154"E
j36	1738209.9715	84444.4361	61.1458	002°09'14.93051"N	117°27'40.21481"E
j37	1738210.9413	84442.2074	61.1879	002°09'14.96203"N	117°27'40.14267"E
j38	1738192.5159	84430.7704	61.0996	002°09'14.36195"N	117°27'39.77298"E
j39	1738170.7579	84417.5093	61.1580	002°09'13.65333"N	117°27'39.34433"E

j40	1738150.6753	84405.1012	61.0969	002°09'12.99927"N	117°27'38.94325"E
j41	1738121.2867	84386.9699	61.1477	002°09'12.04213"N	117°27'38.35717"E
j42	1738120.3210	84386.3311	61.3710	002°09'12.01068"N	117°27'38.33652"E
j43	1738117.0909	84391.2268	61.3600	002°09'11.90563"N	117°27'38.49501"E
j44	1738113.7902	84388.9232	61.4242	002°09'11.79813"N	117°27'38.42054"E
j45	1738116.1008	84383.6497	61.2410	002°09'11.87323"N	117°27'38.24984"E
j46	1738109.6417	84379.8606	61.1872	002°09'11.66287"N	117°27'38.12737"E
j47	1738113.7203	84372.3192	61.2428	002°09'11.79548"N	117°27'37.88324"E
j48	1738125.7229	84379.5370	61.2772	002°09'12.18638"N	117°27'38.11654"E
j49	1738130.4663	84382.4516	61.2071	002°09'12.34087"N	117°27'38.21075"E
j50	1738136.6974	84374.4948	61.3352	002°09'12.54354"N	117°27'37.95313"E
j51	1738132.4303	84371.1337	61.4147	002°09'12.40456"N	117°27'37.84446"E
j52	1737589.0781	83691.4160	73.4214	002°08'54.70079"N	117°27'15.86091"E
j53	1737590.4635	83700.3594	73.3292	002°08'54.74609"N	117°27'16.15029"E
j54	1737591.0984	83702.5923	73.1828	002°08'54.76681"N	117°27'16.22253"E
j55	1737592.2465	83706.3544	73.0591	002°08'54.80427"N	117°27'16.34425"E
j56	1737593.7773	83710.1702	72.7093	002°08'54.85419"N	117°27'16.46769"E
j57	1737594.9041	83712.6519	72.5010	002°08'54.89092"N	117°27'16.54797"E
j58	1737596.9247	83716.3741	72.1078	002°08'54.95679"N	117°27'16.66838"E
j59	1737598.3868	83718.7203	71.7968	002°08'55.00444"N	117°27'16.74427"E
j60	1737600.7038	83722.0416	71.4401	002°08'55.07994"N	117°27'16.85169"E
j61	1737604.6114	83727.3216	71.1981	002°08'55.20727"N	117°27'17.02247"E
j62	1737607.3533	83731.4396	70.6506	002°08'55.29662"N	117°27'17.15566"E
j63	1737611.4319	83738.7574	68.9357	002°08'55.42957"N	117°27'17.39237"E
j64	1737619.9437	83733.3670	69.4143	002°08'55.70654"N	117°27'17.21775"E
j65	1737619.0529	83732.1639	69.5675	002°08'55.67752"N	117°27'17.17884"E

j66	1737617.6187	83730.1248	69.7223	002°08'55.63078"N	117°27'17.11289"E
j67	1737614.6020	83725.3987	70.3276	002°08'55.53247"N	117°27'16.96002"E
j68	1737611.5649	83720.6872	70.8765	002°08'55.43349"N	117°27'16.80762"E
j69	1737608.4567	83716.1680	71.4178	002°08'55.33221"N	117°27'16.66145"E
j70	1737605.5974	83711.6848	71.8894	002°08'55.23902"N	117°27'16.51644"E
j71	1737603.3751	83707.3970	72.3357	002°08'55.16658"N	117°27'16.37774"E
j72	1737601.7120	83702.8438	72.9038	002°08'55.11234"N	117°27'16.23044"E
j73	1737600.5502	83699.2073	73.0557	002°08'55.07443"N	117°27'16.11278"E
j74	1737600.1117	83696.8259	73.1719	002°08'55.06011"N	117°27'16.03573"E
j75	1737599.6392	83694.3210	73.2448	002°08'55.04467"N	117°27'15.95468"E
j76	1737599.1283	83690.1511	73.3629	002°08'55.02794"N	117°27'15.81976"E
Code	X	Y	Height	Latitude	Longitude
base_1	88428.5054	1737678.6478	64.2590	002°08'57.72011"N	117°29'49.15112"E
1	85166.6198	1738037.7169	61.0682	002°09'09.33878"N	117°28'03.58844"E
j1	85156.8870	1738025.2619	61.2342	002°09'08.93309"N	117°28'03.27376"E
j2	85153.4572	1738027.5551	61.2464	002°09'09.00767"N	117°28'03.16272"E
2	85172.6709	1738045.4685	61.1924	002°09'09.59126"N	117°28'03.78408"E
3	85179.7667	1738053.3803	60.9701	002°09'09.84899"N	117°28'04.01353"E
4	85186.0230	1738061.6507	61.3011	002°09'10.11837"N	117°28'04.21580"E
5	85191.7570	1738069.7508	60.9057	002°09'10.38219"N	117°28'04.40118"E
6	85198.2150	1738077.9342	60.7985	002°09'10.64874"N	117°28'04.60998"E
7	85231.0859	1738121.6881	60.5664	002°09'12.07386"N	117°28'05.67272"E
8	85222.8172	1738110.4510	60.7988	002°09'11.70786"N	117°28'05.40539"E
prt1	85222.8161	1738110.1646	60.8363	002°09'11.69853"N	117°28'05.40536"E
9	85222.2651	1738109.4804	61.2421	002°09'11.67625"N	117°28'05.38755"E
10	85216.4778	1738101.3499	60.8258	002°09'11.41143"N	117°28'05.20045"E

11	85204.9103	1738085.3185	60.9348	002°09'10.88928"N	117°28'04.82648"E
j3	85236.3652	1738130.2268	60.8880	002°09'12.35195"N	117°28'05.84337"E
j4	85233.1529	1738132.4973	60.8765	002°09'12.42580"N	117°28'05.73937"E
j5	85220.6340	1738114.7811	60.9568	002°09'11.84878"N	117°28'05.33465"E
j6	85201.3283	1738088.3892	61.0830	002°09'10.98917"N	117°28'04.71050"E
j7	85200.9142	1738088.7058	61.0989	002°09'10.99947"N	117°28'04.69709"E
j8	85204.3993	1738085.9324	61.0121	002°09'10.90926"N	117°28'04.80993"E
Code	X	Y	Height	Latitude	Longitude
base_1	1737678.6478	88428.5054	64.2590	002°08'57.72011"N	117°29'49.15112"E
1	1738234.0578	85337.5633	59.2633	002°09'15.73438"N	117°28'09.11587"E
2	1738254.6946	85355.9589	58.9313	002°09'16.40661"N	117°28'09.71070"E
3	1738236.0369	85338.4670	59.9338	002°09'15.79883"N	117°28'09.14507"E
4	1738225.3505	85348.2857	59.2816	002°09'15.45115"N	117°28'09.46304"E
5	1738213.5344	85363.1891	59.8445	002°09'15.06681"N	117°28'09.94557"E
aslindaRemigius	1738202.7406	85335.0228	58.9003	002°09'14.71480"N	117°28'09.03435"E
aslindaRemigiut	1738182.0018	85319.0274	59.8863	002°09'14.03930"N	117°28'08.51719"E
6	1738193.2821	85300.5448	59.7641	002°09'14.40612"N	117°28'07.91885"E
7	1738262.8313	85205.0470	60.6702	002°09'16.66817"N	117°28'04.82701"E
8	1738272.1077	85189.9136	60.3819	002°09'16.96983"N	117°28'04.33709"E
j1	1738254.6946	85169.0889	60.1438	002°09'16.40249"N	117°28'03.66359"E
j2	1738246.3993	85164.6692	60.3517	002°09'16.13234"N	117°28'03.52074"E
j3	1738241.0963	85177.5482	60.3659	002°09'15.95999"N	117°28'03.93762"E
j4	1738234.6586	85192.9140	60.4078	002°09'15.75075"N	117°28'04.43500"E
j5	1738228.5883	85189.2798	59.0548	002°09'15.55305"N	117°28'04.31754"E
j6	1738226.8761	85191.8159	60.5151	002°09'15.49737"N	117°28'04.39964"E
j7	1738233.3210	85195.9577	60.4487	002°09'15.70727"N	117°28'04.53353"E

j8	1738230.9408	85201.5527	60.3678	002°09'15.62991"N	117°28'04.71463"E
base_2	1865458.5038	99449.0996	108.8791	003°18'17.90966"N	117°35'42.67784"E
j9	1738239.5039	85205.8214	60.2915	002°09'15.90877"N	117°28'04.85258"E
9	1738292.7403	85116.1235	59.5259	002°09'17.63989"N	117°28'01.94879"E
10	1738284.4345	85128.3143	59.7138	002°09'17.36977"N	117°28'02.34346"E
11	1738291.3147	85115.0927	59.6032	002°09'17.59346"N	117°28'01.91546"E
12	1738299.0011	85103.4437	59.7018	002°09'17.84343"N	117°28'01.53833"E
13	1738323.4806	85071.6658	59.0231	002°09'18.63966"N	117°28'00.50946"E
14	1738332.7992	85057.0839	59.3787	002°09'18.94270"N	117°28'00.03739"E
15	1738399.5068	84944.2425	59.6837	002°09'21.11186"N	117°27'56.38437"E
16	1738391.7936	84964.4690	59.5758	002°09'20.86120"N	117°27'57.03907"E
17	1738390.2574	84963.5347	59.5457	002°09'20.81117"N	117°27'57.00887"E
j11	1738400.6210	84940.6516	59.7272	002°09'21.14805"N	117°27'56.26814"E
j12	1738417.3281	84946.1282	59.8616	002°09'21.69207"N	117°27'56.44500"E
j13	1738433.5523	84950.9270	59.7904	002°09'22.22035"N	117°27'56.59993"E
j14	1738446.3911	84954.4841	59.6446	002°09'22.63839"N	117°27'56.71476"E
j15	1738444.3766	84954.2537	59.6261	002°09'22.57280"N	117°27'56.70735"E
j16	1738446.0277	84957.5722	59.6437	002°09'22.62662"N	117°27'56.81470"E
j17	1738433.3154	84953.8373	59.6916	002°09'22.21270"N	117°27'56.69411"E
j18	1738418.6895	84949.6416	59.8021	002°09'21.73646"N	117°27'56.55866"E
j19	1738392.4807	84942.3017	60.0510	002°09'20.88308"N	117°27'56.32172"E
j20	1738393.5451	84938.6215	60.2442	002°09'20.91765"N	117°27'56.20261"E
j21	1738396.4893	84927.0589	60.6759	002°09'21.01324"N	117°27'55.82837"E
j22	1738398.6336	84920.1934	60.6679	002°09'21.08290"N	117°27'55.60616"E
j23	1738404.1753	84906.0126	59.8867	002°09'21.26299"N	117°27'55.14714"E
j24	1738396.5845	84904.2534	60.0242	002°09'21.01584"N	117°27'55.09038"E

j25	1738391.9303	84918.3176	60.5820	002°09'20.86463"N	117°27'55.54561"E
j26	1738389.6926	84925.2697	60.6676	002°09'20.79194"N	117°27'55.77063"E
j27	1738385.7876	84937.9575	60.0072	002°09'20.66509"N	117°27'56.18129"E
j28	1738383.8984	84939.5249	59.9046	002°09'20.60362"N	117°27'56.23205"E
j29	1738380.5300	84939.5594	59.8063	002°09'20.49397"N	117°27'56.23324"E
j30	1738368.6917	84929.9893	59.6972	002°09'20.10836"N	117°27'55.92381"E
j31	1738366.1418	84932.9862	59.8551	002°09'20.02542"N	117°27'56.02085"E
j32	1738379.7474	84944.4618	59.7356	002°09'20.46860"N	117°27'56.39190"E
j33	1738380.8376	84946.5165	59.6698	002°09'20.50414"N	117°27'56.45837"E
j34	1738380.8491	84948.9509	59.5760	002°09'20.50456"N	117°27'56.53715"E
j35	1738375.6525	84965.0364	59.3152	002°09'20.33574"N	117°27'57.05779"E
j36	1738373.4583	84970.9233	59.3043	002°09'20.26444"N	117°27'57.24833"E
j37	1738381.9910	84975.7269	59.4881	002°09'20.54233"N	117°27'57.40359"E
j38	1738385.7811	84965.6028	59.5155	002°09'20.66549"N	117°27'57.07589"E
j39	1738389.5174	84954.7650	59.6337	002°09'20.78689"N	117°27'56.72510"E
j40	1738390.8863	84949.7776	59.7510	002°09'20.83134"N	117°27'56.56367"E
j41	1738267.2802	85145.4054	59.6036	002°09'16.81169"N	117°28'02.89691"E
j42	1738266.6026	85146.1328	59.6144	002°09'16.78965"N	117°28'02.92046"E
j43	1738276.0661	85156.2531	59.4492	002°09'17.09795"N	117°28'03.24775"E
j44	1738277.5786	85153.8447	59.5785	002°09'17.14714"N	117°28'03.16978"E
j45	1738264.9385	85149.0561	59.2418	002°09'16.73554"N	117°28'03.01510"E
j46	1738261.2283	85156.1132	59.2913	002°09'16.61491"N	117°28'03.24355"E
j47	1738252.6974	85151.3468	59.6935	002°09'16.33708"N	117°28'03.08949"E
j48	1738256.2274	85145.1114	59.5359	002°09'16.45186"N	117°28'02.88764"E
j49	1738261.9959	85136.1433	59.7201	002°09'16.63946"N	117°28'02.59730"E
j50	1738261.9810	85135.6475	59.7542	002°09'16.63896"N	117°28'02.58126"E

j51	1738252.9679	85129.4823	60.5438	002°09'16.34541"N	117°28'02.38195"E
j52	1738255.0703	85126.4743	60.5542	002°09'16.41378"N	117°28'02.28457"E
j53	1738264.3231	85132.6053	59.7758	002°09'16.71514"N	117°28'02.48276"E
j54	1738271.4458	85122.5282	59.4899	002°09'16.94680"N	117°28'02.15651"E
j55	1738276.2390	85115.6617	59.4619	002°09'17.10269"N	117°28'01.93421"E
j56	1738280.5116	85109.6732	59.3846	002°09'17.24165"N	117°28'01.74032"E
j57	1738291.2551	85094.2831	59.2654	002°09'17.59106"N	117°28'01.24206"E
j58	1738288.4838	85090.8294	59.5539	002°09'17.50077"N	117°28'01.13036"E
j59	1738280.7241	85086.8323	59.7723	002°09'17.24806"N	117°28'01.00119"E
j60	1738282.0534	85084.2177	59.7542	002°09'17.29128"N	117°28'00.91655"E
ggjambu2	1738281.2840	85085.4268	59.7110	002°09'17.26626"N	117°28'00.95569"E
jl61	1738294.0965	85090.3518	59.2481	002°09'17.68347"N	117°28'01.11478"E
jl62	1738302.0637	85079.0297	59.2524	002°09'17.94259"N	117°28'00.74823"E
jl63	1738306.4238	85073.0411	59.1365	002°09'18.08440"N	117°28'00.55434"E
jl64	1738307.7017	85070.9826	59.2175	002°09'18.12596"N	117°28'00.48770"E
jl65	1738298.5941	85066.8839	59.3887	002°09'17.82937"N	117°28'00.35527"E
jl66	1738299.9431	85065.9346	59.4837	002°09'17.87327"N	117°28'00.32452"E
jl67	1738301.3354	85067.9416	58.9483	002°09'17.91864"N	117°28'00.38943"E
jl68	1738303.4564	85076.7891	59.2574	002°09'17.98789"N	117°28'00.67569"E
jl69	1738301.9437	85078.9453	59.2669	002°09'17.93869"N	117°28'00.74550"E
jl70	1738292.9558	85072.7823	59.4104	002°09'17.64595"N	117°28'00.54626"E
jl71	1738293.9231	85071.5073	59.3539	002°09'17.67741"N	117°28'00.50498"E
gangkembar	1738298.6309	85074.7593	59.4261	002°09'17.83075"N	117°28'00.61011"E
jl1	1738314.6421	85061.4426	59.1528	002°09'18.35169"N	117°28'00.17883"E
jl2	1738319.5373	85054.6182	59.2412	002°09'18.51090"N	117°27'59.95789"E
jl3	1738322.0469	85051.1282	59.5585	002°09'18.59253"N	117°27'59.84489"E

jl4	1738315.8148	85047.6546	60.0139	002°09'18.38957"N	117°27'59.73263"E
jl5	1738314.4067	85049.3584	59.9810	002°09'18.34376"N	117°27'59.78779"E
jl6	1738330.1861	85039.7496	59.4270	002°09'18.85725"N	117°27'59.47650"E
jl7	1738338.4684	85047.3771	59.4876	002°09'19.12704"N	117°27'59.72315"E
jl8	1738327.2496	85062.2654	59.3028	002°09'18.76215"N	117°28'00.20518"E
jl9	1738313.3439	85081.4802	59.4185	002°09'18.30987"N	117°28'00.82728"E
jl10	1738262.6575	85333.3801	59.0232	002°09'16.66534"N	117°28'08.97988"E
jl11	1738263.7910	85331.0664	59.1917	002°09'16.70219"N	117°28'08.90498"E
jl12	1738259.6642	85328.4442	58.1367	002°09'16.56779"N	117°28'08.82022"E
jl13	1738255.0432	85323.6401	59.1577	002°09'16.41725"N	117°28'08.66486"E
jl14	1738252.9170	85326.3198	59.0342	002°09'16.34809"N	117°28'08.75162"E
jl15	1738202.9774	85284.2820	59.6152	002°09'14.72139"N	117°28'07.39237"E
jl16	1738200.7209	85287.3127	59.7421	002°09'14.64800"N	117°28'07.49049"E
jl17	1738186.9223	85305.2679	60.3289	002°09'14.19918"N	117°28'08.07183"E
jl18	1738177.7518	85317.6830	61.0112	002°09'13.90091"N	117°28'08.47378"E
jl19	1738171.6394	85325.9969	60.9498	002°09'13.70211"N	117°28'08.74295"E
jl20	1738164.8296	85335.1668	60.5057	002°09'13.48062"N	117°28'09.03984"E
jl21	1738159.0476	85331.0120	60.3689	002°09'13.29229"N	117°28'08.90551"E
jl22	1738165.8905	85322.0423	60.8609	002°09'13.51486"N	117°28'08.61511"E
jl23	1738172.1258	85313.6185	60.8951	002°09'13.71767"N	117°28'08.34237"E
jl24	1738177.1860	85305.1023	60.5288	002°09'13.88222"N	117°28'08.06668"E
jl25	1738184.8386	85293.1377	60.1169	002°09'14.13108"N	117°28'07.67934"E
jl26	1738187.3485	85289.6805	60.0660	002°09'14.21271"N	117°28'07.56741"E
jl27	1738184.8754	85289.0274	60.1674	002°09'14.13219"N	117°28'07.54633"E
jl28	1738183.3279	85291.4944	60.1794	002°09'14.08186"N	117°28'07.62619"E
jl29	1738177.4823	85287.4301	60.1296	002°09'13.89147"N	117°28'07.49480"E

jl30	1738178.7739	85285.1304	60.0724	002°09'13.93347"N	117°28'07.42035"E
jl31ggetam	1738180.4047	85287.5135	60.0046	002°09'13.98661"N	117°28'07.49743"E
jl31	1738193.6648	85279.1247	59.8932	002°09'14.41810"N	117°28'07.22568"E
jl32	1738185.7048	85273.4428	60.4686	002°09'14.15884"N	117°28'07.04199"E
jl33	1738187.7141	85270.3860	60.6110	002°09'14.22419"N	117°28'06.94303"E
jl34kelapall	1738189.1376	85273.3424	60.3965	002°09'14.27060"N	117°28'07.03867"E
jl34	1738195.9487	85275.0345	59.8301	002°09'14.49237"N	117°28'07.09327"E
jl35	1738200.0852	85267.1457	59.7955	002°09'14.62686"N	117°28'06.83790"E
jl36	1738209.3959	85273.1296	59.6525	002°09'14.93010"N	117°28'07.03134"E

Lampiran 1. 7 Data titik koordinat

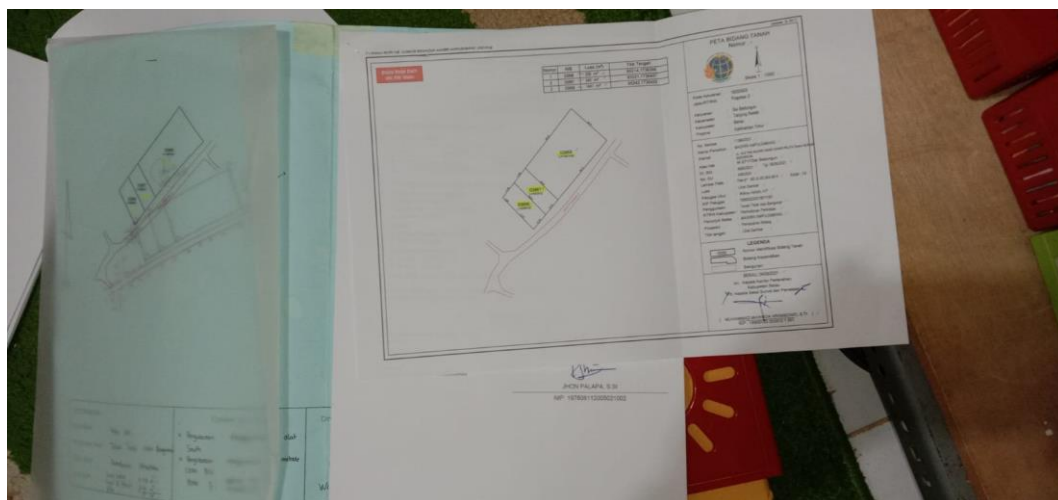
Lampiran 3 Data Koordinat



Lampiran 1. 8 Ruang berkas



Lampiran 1. 9 Penyusunan berkas



Lampiran 1. 10 Gambar ukur (GU)

AA1243629

DAFTAR ISI 207

NIB : 16050503.02850

SURAT UKUR

Nomor : 01511/Sei Bedungun/2018

Teloh Dialihmediakan

SEBIDANG TANAH TERLETAK DALAM

Provinsi : Kalimantan Timur

Kabupaten / Kota : Berau

Kecamatan : Tanjung Redeb

Desa / Kelurahan : Sei Bedungun

Peta : Pendaftaran Nomor Peta Pendaftaran : 50.2-10.243-09-1

Lembar : Kotak : B4

Keadaan Tanah : Sebidang tanah non pertanian.

Tanda-tanda batas : Berupa patok ulin memenuhi pasal 22 ayat 1 huruf (c) PMNA/Ka. BPN Nomor 3 Tahun 1997.

Luas : 258 m2 (Dua Ratus Lima Puluh Delapan Meter Persegi)

Penunjukan dan penetapan batas : Oleh pemohon selaku pemilik tanah disaksikan pemilik tanah yang berbatasan.

Lampiran 1. 11 Surat ukur (su)

BIODATA PENULIS



Penulis bernama lengkap Muhammad Amsir, dilahirkan di berau, 01 Januari 2000. Penulis merupakan anak kedua dari 4 bersaudara. Penulis telah menempuh pendidikan formal di SDN 015 Gunung Tabur, SMPN 4 Gunung Tabur dan SMAN 5 Berau. Pada tahun 2020 penulis meneruskan pendidikan di Politeknik Sinar mas Berau coal. Dengan mengambil program studi Survei dan Pemetaan dengan NIM 20302022. Dalam masa perkuliahannya, penulis aktif dalam organisasi mahasiswa yaitu UKM Futsal Politeknik Sinar Mas Berau Coal. Pada tahun 2021 penulis melaksanakan Kegiatan KPI (Kuliah Praktek Industri) selama 3 bulan di PT Berau Coal *Site Lati Mine Operation*. Lalu pada Oktober 2022 sampai dengan Januari 2023 penulis melaksanakan magang di ATR/BPN Kantor Pertanahan Kabupaten Berau, lalu dilanjutkan dengan magang kedua pada Februari 2023 sampai dengan Mei 2023. Pada akhir tahun perkuliahan, penulis menyusun Tugas Akhir dengan judul “PEMETAAN DAN PENINGKATAN KUALITAS DATA BIDANG TANAH (KW4,KW5,KW6) MENJADI BIDANG TANAH (KW1) MENGGUNAKAN GPS GEODETIK RTK DI WILAYAH KELURAHAN SEI BEDUNGUN, KABUPATEN BERAU”

**POLITEKNIK SINAR MAS
BERAU COAL**



SURAT KETERANGAN

Dengan ini diterangkan bahwa TA/Skripsi yang ditulis oleh:

Nama : Muhammad Amsir

NIM : 20302022

Prodi : Survei dan Pemetaan

Judul : Pemetaan dan Peningkatan Kualitas Data Bidang Tanah
(KW4,KW5,KW6) Menjadi Bidang Tanah (KW) Menggunakan GPS
Geodetik RTK di Wilayah Kelurahan Sei Bedungun, Kabupaten
Berau

Berdasarkan hasil *scanning* menunjukkan tingkat plagiasi sebesar 12% dan memenuhi syarat untuk tahapan selanjutnya dengan ketentuan yang berlaku.

Demikian surat ini dibuat untuk dipergunakan sebagaimana mestinya.

Berau, 22 Agustus 2023

Stat Perpustakaan,

