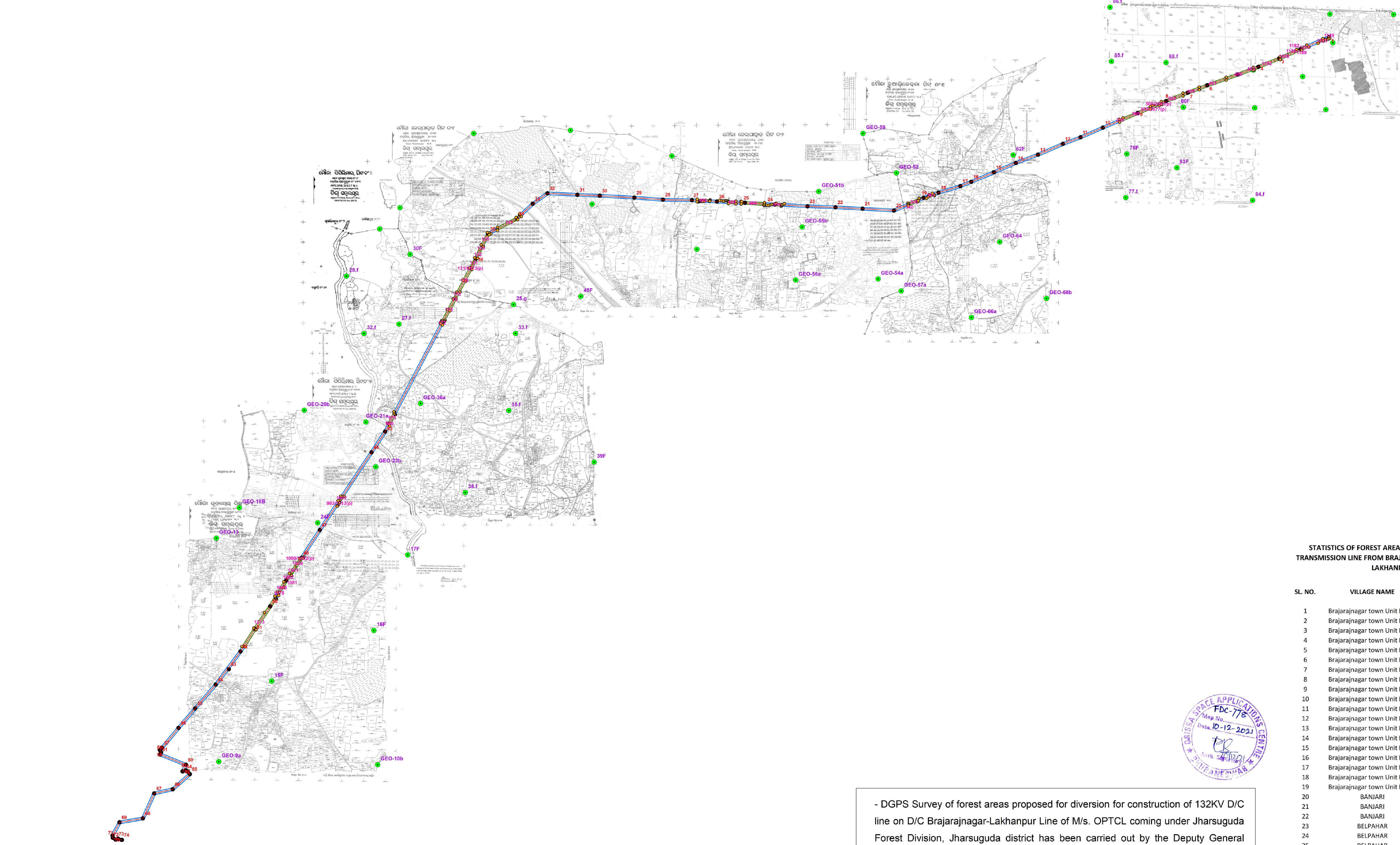




INDEX MAP SHOWING JHARSUGUDA DIVISION FOREST AREA PROPOSED FOR CONSTRUCTION OF 132 KV D/C LINE FROM 132/33 KV GRID SUBSTATION BRAJRAJNAGAR TO PROPOSED 132/33 KV GRID SUBSTATION IN JHARSUGUDA DISTRICT UNDER ODISHA STATE.

0 1 2 3 Kilometers



STATISTICS OF FOREST AREAS PROPOSED FOR DIVERSION FOR CONSTRUCTION OF 132 KV D/C TRANSMISSION LINE FROM BRAJRAJNAGAR TO PROPOSED 132/33 KV GRID SUB-STATION, KUDALOI, LAKHANPUR OF M/S OPTCL IN JHARSUGUDA DISTRICT

SL. NO.	VILLAGE NAME	PLOT NO.	KISAM	ACQUIRED AREA AC.	ACQUIRED AREA HA.	MAP AREA HA.
1	Brajarajnagar town Unit No.03	298 (P)	Gramya Jungle	0.001	0	0
2	Brajarajnagar town Unit No.03	298 (P)	Gramya Jungle	0.071	0.029	0.029
3	Brajarajnagar town Unit No.03	305 (P)	Gramya Jungle	1.997	0.808	0.808
4	Brajarajnagar town Unit No.03	300 (P)	Gramya Jungle	0.037	0.015	0.015
5	Brajarajnagar town Unit No.03	459/2677 (P)	Gramya Jungle	0.371	0.15	0.15
6	Brajarajnagar town Unit No.03	505/2683 (P)	Gramya Jungle	0.378	0.153	0.153
7	Brajarajnagar town Unit No.03	505 (P)	Jungle	1.453	0.588	0.588
8	Brajarajnagar town Unit No.03	498 (P)	Gramya Jungle	1.086	0.44	0.44
9	Brajarajnagar town Unit No.03	491 (P)	Gramya Jungle	1.799	0.728	0.728
10	Brajarajnagar town Unit No.03	490 (P)	Gramya Jungle	1.623	0.657	0.657
11	Brajarajnagar town Unit No.03	493 (P)	Gramya Jungle	0.182	0.074	0.074
12	Brajarajnagar town Unit No.03	1193 (P)	Gramya Jungle	0.006	0.002	0.002
13	Brajarajnagar town Unit No.03	1192 (P)	Gramya Jungle	1.816	0.735	0.735
14	Brajarajnagar town Unit No.03	1189 (P)	Gramya Jungle	0.899	0.364	0.364
15	Brajarajnagar town Unit No.03	1188 (P)	Gramya Jungle	0.443	0.179	0.179
16	Brajarajnagar town Unit No.03	1182 (P)	Gramya Jungle	0.134	0.054	0.054
17	Brajarajnagar town Unit No.03	1203 (P)	Gramya Jungle	0.582	0.235	0.235
18	Brajarajnagar town Unit No.03	1149 (P)	Bada Jungle	0.018	0.007	0.007
19	Brajarajnagar town Unit No.03	1204 (P)	Gramya Jungle	0.083	0.034	0.034
20	BANJARI	1002 (P)	Gramya Jungle	0.232	0.094	0.094
21	BANJARI	1196 (P)	Gramya Jungle	0.01	0.004	0.004
22	Brajarajnagar town Unit No.03	983/1313 (P)	Gramya Jungle	0.086	0.035	0.035
23	BELPAHAR	129 (P)	Gramya Jungle	1.731	0.7	0.7
24	BELPAHAR	126 (P)	Gramya Jungle	0.071	0.029	0.029
25	BELPAHAR	131 (P)	Gramya Jungle	0.659	0.267	0.267
26	BELPAHAR	132 (P)	Gramya Jungle	0.534	0.216	0.216
27	BELPAHAR	133 (P)	Gramya Jungle	0.364	0.147	0.147
28	BELPAHAR	135 (P)	Gramya Jungle	0.966	0.391	0.391
29	BELPAHAR	113 (P)	Gramya Jungle	1.705	0.69	0.69
30	BELPAHAR	606 (P)	Bada Jungle	0.635	0.257	0.257
31	BELPAHAR	488 (P)	Bada Jungle	2.493	1.009	1.009
32	BELPAHAR	131/6473 (P)	Gramya Jungle	0.064	0.026	0.026
33	Chhailberna	340 (P)	Jungle	0.027	0.007	0.007
34	Chhailberna	328 (P)	Jungle	0.643	0.26	0.26
35	Chhailberna	361 (P)	Jungle	0.35	0.142	0.142
36	KUDALOI	1027 (P)	Gramya Jungle	0.012	0.005	0.005
37	KUDALOI	1059 (P)	Gramya Jungle	0.376	0.152	0.152
38	KUDALOI	1060 (P)	Gramya Jungle	0.037	0.015	0.015
39	KUDALOI	1061 (P)	Gramya Jungle	0.61	0.247	0.247
40	KUDALOI	1082 (P)	Gramya Jungle	0.484	0.196	0.196
41	KUDALOI	1008/3292 (P)	Gramya Jungle	0.223	0.09	0.09
42	KUDALOI	1081 (P)	Gramya Jungle	0.309	0.125	0.125
43	KUDALOI	1065 (P)	Gramya Jungle	0.489	0.198	0.198
44	KUDALOI	1075 (P)	Gramya Jungle	0.227	0.092	0.092
45	KUDALOI	1213 (P)	Gramya Jungle	3.825	1.548	1.548
46	PILPIMA	980 (P)	Gramya Jungle	0.156	0.063	0.063
47	PILPIMA	975 (P)	Gramya Jungle	0.662	0.268	0.268
48	PILPIMA	978 (P)	Gramya Jungle	0.002	0.001	0.001
49	PILPIMA	178 (P)	Gramya Jungle	1.908	0.772	0.772
50	PILPIMA	172 (P)	Gramya Jungle	0.303	0.12	0.12
51	PILPIMA	75 (P)	Gramya Jungle	0.146	0.059	0.059
52	PILPIMA	74 (P)	Gramya Jungle	0.045	0.018	0.018
TOTAL REVENUE FOREST AREA				33.273	13.465	13.465

- DGPS Survey of forest areas proposed for diversion for construction of 132KV D/C line on D/C Brajarajnagar-Lakhanpur Line of M/s. OPTCL coming under Jharsuguda Forest Division, Jharsuguda district has been carried out by the Deputy General Manager (Elect), EHT (C) Division, OPTCL, Jharsuguda through M/s Centre for Envotech and Management Consultancy Pvt. Ltd., Bhubaneswar.

- DGPS Survey Co-ordinates are verified by ORSAC. Also Maps showing forest areas proposed for diversion are verified with geo-referenced cadastral sheets / surveyed points compared with Ortho-rectified Cartosat Satellite image and found that maps are correct at a confidence level of 95%.

- All the forest areas proposed for diversion comes under Revenue forest category in 10 cadastral sheets of 6 Revenue villages under Jharsuguda and Lakhanpur Tahasilis.

-Total forest areas proposed for diversion works out to 13.465Ha. from the submitted shp files against the allotted area of 13.465Ha./ 33.273Ac. as mentioned in the submitted land schedule.

- Additional 10 maps showing village/plot wise forest areas proposed for diversion are attached here with.

Surveyed & Prepared by -

Centre for Envotech & Management Consultancy Pvt. Ltd.



Legend

- DERIVED FOREST PILLAR COORDINATES (green dots)
- DGPS SURVEYED GEO-REFERENCING POINTS (yellow dots)
- ANGLE COORDINATE (black dots)
- CENTER LINE (red line)
- FOREST PATCH (green shaded area)
- LINE CORRIDOR (blue line)

DGPS SURVEYED GEO-REFERENCE COORDINATES				
SL NO	POINT ID	LONGITUDE	LATITUDE	EASTING
1	15F	83°49'02.31836"	21°47'36.90084"	791309.764
2	16F	83°49'35.46850"	21°47'53.26072"	792253.175
3	17F	83°49'46.43682"	21°48'17.85533"	792554.561
4	24F	83°49'17.25375"	21°48'28.26236"	791710.065
5	25G	83°50'20.71743"	21°49'39.08372"	793493.618
6	27F	83°49'47.22210"	21°49'32.71899"	792430.753
7	28F	83°49'26.56790"	21°49'48.29361"	791932.566
8	30F	83°49'47.22210"	21°49'55.34970"	792522.01
9	32F	83°49'32.27731"	21°49'29.66909"	792107.126
10	33F	83°50'21.38690"	21°49'29.71562"	793518.17
11	35F	83°50'19.20463"	21°49'04.68801"	793469.662
12	38F	83°50'05.13231"	21°48'38.10837"	793080.35
13	39F	83°50'46.87530"	21°48'47.97344"	794274.273
14	45F	83°50'42.55794"	21°49'41.73947"	794119.646
15	62F	83°53'02.74953"	21°50'27.60752"	798121.322
16	77F	83°53'39.27124"	21°50'13.80229"	799178.614
17	78F	83°53'39.58931"	21°50'27.94919"	799179.564
18	80F	83°53'57.91177"	21°50'43.05922"	799697.224
19	83F	83°53'55.82048"	21°50'23.45757"	799648.506
20	84F	83°54'20.36624"	21°50'12.89502"	800359.877
21	85F	83°53'34.61221"	21°49'57.96391"	799019.198
22	86F	83°53'54.17694"	21°51'15.49184"	798996.548
23	88F	83°53'52.31316"	21°50'57.57309"	799527.961
24	GEO-10b	83°49'36.70277"	21°47'09.82272"	792313.217
25	GEO-13	83°48'44.40754"	21°48'23.29533"	790768.978
26	GEO-18B	83°48'51.84324"	21°48'33.21256"	790977.081
27	GEO-20b	83°49'12.91067"	21°49'04.77253"	791564.695
28	GEO-21a	83°49'32.86838"	21°49'00.96195"	792140.317
29	GEO-23b	83°49'36.09322"	21°48'46.45837"	792241.171
30	GEO-36a	83°49'50.58193"	21°49'06.99786"	792645.896
31	GEO-51b	83°51'59.72704"	21°50'15.76206"	796317.436
32	GEO-52	83°52'24.88291"	21°50'21.77613"	797036.738
33	GEO-54a	83°52'18.96899"	21°49'47.37418"	796886.579
34	GEO-55b	83°51'54.31800"	21°50'04.24024"	796168.628
35	GEO-56a	83°51'52.23691"	21°49'47.01594"	796118.699
36	GEO-57a	83°52'26.42749"	21°49'43.49043"	797103.115
37	GEO-59	83°52'14.07972"	21°50'34.60669"	796718.987
38	GEO-64	83°52'58.39422"	21°49'59.38854"	798012.457
39	GEO-66a	83°52'49.22029"	21°49'34.90044"	797762.968
40	GEO-68b	83°53'13.54766"	21°49'41.04730"	798458.438
41	GEO-9a	83°48'45.17159"	21°47'10.80744"	790831.625
42	29F	83°49'37.34527"	21°50'03.57132"	792233.587
43	40.ppk	83°49'43.94823"	21°50'10.49513"	792419.381
44	41.ppk	83°50'07.83629"	21°50'34.60641"	793092.033
45	42.ppk	83°50'39.18400"	21°50'35.57986"	793992.087
46	47F	83°50'46.22089"	21°50'11.62970"	794207.855
47	89F	83°54'20.62858"	21°50'55.15578"	800342.883
48	94F	83°54'21.05459"	21°50'42.91294"	800362.209
49	GEO-44a	83°51'12.09391"	21°50'27.25950"	794942.327
50	GEO-49	83°51'20.20058"	21°49'57.00909"	795192.506
51	GEO-91a	83°54'45.44743"	21°51'13.27998"	801045.33
52	GEO-92b	83°55'06.11584"	21°51'13.17065"	801639.173
53	GEO-93a	83°54'44.12399"	21°50'42.30865"	801025.355
54	GEO-95a	83°54'36.62751"	21°51'03.00934"	800803.747
55	GEO-96a	83°54'46.39744"	21°51'03.99712"	801078.033

COORDINATES OF ANGLE POINT					
SL NO	POINT ID	LONGITUDE	LATITUDE	EASTING	NORTHING
1	1	83°54'45.215"	21°51'05.7934"	801043	2419252
2	2	83°54'46.051"	21°51'08.894"	800782	2419127
3	3	83°54'42.052"	21°50'58.833"	800583	2419029
4	4	83°54'42.324"	21°50'56.125"	800391	2418942
5	5	83°54'15.590"	21°50'53.612"	800199	2418861
6	6	83°54'05.704"	21°50'50.114"	799917	2418748
7	7	83°53'59.391"	21°50'47.756"	799737	2418672
8	8	83°53'52.410"	21°50'45.051"	799538	2418585
9	9	83°53'43.177"	21°50'44.152"	799275	2418480
10	10	83°53'31.909"	21°50'36.411"	798954	2418308
11	11	83°53'24.640"	21°50'33.256"	798747	2418207
12	12	83°53'18.959"	21°50'31.146"	798585	2418139
13	13	83°53'10.849"	21°50'27.649"	798354	2418027
14	14	83°53'03.660"	21°50'24.980"	798149	2417941
15	15	83°52'56.533"	21°50'21.920"	797946	2417843
16	16	83°52'49.197"	21°50'18.831"	797737	2417744
17	17	83°52'45.688"	21°50'17.430"	797537	2417699
18	18	83°52'38.616"	21°50'15.344"	797335	2417634
19	19	83°52'33.744"	21°50'13.642"	797126	2417576
20	20	83°52'24.195"	21°50'09.551"	797024	2417485
21	21	83°52'13.974"	21°50'07.119"	796730	2417457
22	22	83°52'05.178"	21°50'04.598"	796477	2417467
23	23	83°51'56.135"	21°50'01.917"	796217	2417472
24	24	83°51'45.565"	21°50'01.149"	795913	2417484
25	25	83°51'35.895"	21°50'00.627"	795634	2417495
26	26	83°51'26.789"	21°50'00.243"	795373	2417531
27	27	83°51'18.618"	21°50'00.288"	795138	2417512
28	28	83°51'09.259"	21°50'00.300"	794869	2417512
29	29	83°50'59.979"	21°50'00.310"	794602	2417528
30	30	83°50'48.784"	21°50'00.326"	794280	2417541
31	31	83°50'41.515"	21°50'00.341"	794071	2417546
32	32	83°50'31.815"	21°50'01.107"	793752	2417556
33	33	83°50'27.048"	21°50'01.712"	793657	2417549
34	34	83°50'21.872"	21°50'00.627"	793511	2417299
35	35	83°50'12.517"	21°50'00.986"	793245	2417142
36	36	83°50'08.564"	21°49'59.330"	793136	2416892
37	37	83°49'39.165"	21°48'57.859"	792323	2415151
38	38	83°49'34.752"	21°48'51.110"	792200	2414041
39	39	83°49'26.418"	21°48'51.087"	791961	2414661
40	40	83°49'19.371"	21°48'50.588"	791732	2414156
41	41	83°49'12.052"	21°48'16.857"	791567	2413075
42	42	83°49'07.071"	21°48'50.501"	791428	2413646
43	43	83°49'01.896"	21°48'50.140"	791284	2413386
44	44	83°48'56.916"	21°47'53.816"	791145	2413158
45	45	83°48'52.250"	21°47'46.518"	791015	2412931
46	46	83°48'48.483"	21°47'40.733"	790910	2412751
47	47	83°48'44.245"	21°47'35.736"	790791	2412595
48	48	83°48'37.587"	21°47'28.018"	790604	2412354
49	49	83°48'32.175"	21°47'21.708"	790452	2412157
50	50	83°48'26.830"	21°47'15.267"	790302	2411956
51	51	83°48'26.086"	21°47'14.532"	790281	2411933
52	52	83°48'26.523"	21°47'13.777"	790294	2411910
53	60	83°48'34.552"	21°47'09.741"	790527	2411790
54	61	83°48'34.552"	21°47'13.067"	790528	2411888
55	62	83°48'33.501"	21°47'07.582"	790498	2411723
56	63	83°48'34.551"	21°47'07.582"	790498	2411734
57	64	83°48'34.552"	21°47'07.552"	790498	2411723
58	65	83°48'33.849"	21°47'06.697"	790566	2411697
59	66	83°48'30.291"	21°47'01.831"	790409	2411544
60	67	83°48'29.281"	21°47'00.459"	790237	2411499
61	68	83°48'20.643"	21°46'52.364"	790137	2411248
62	69	83°48'31.033"	21°46'51.064"	790919	2411204
63	70	83°48'01.758"	21°46'46.780"	798585	2411071
64	71	83°48'01.758"	21°46'46.780"	798585	2411071
65	72	83°48'18.777"	21°46'45.995"	798886	2411032
66	73	83°48'12.617"	21°46'45.741"	799910	2411040
67	74	83°48'13.792"	21°46'45.354"	799844	2411029