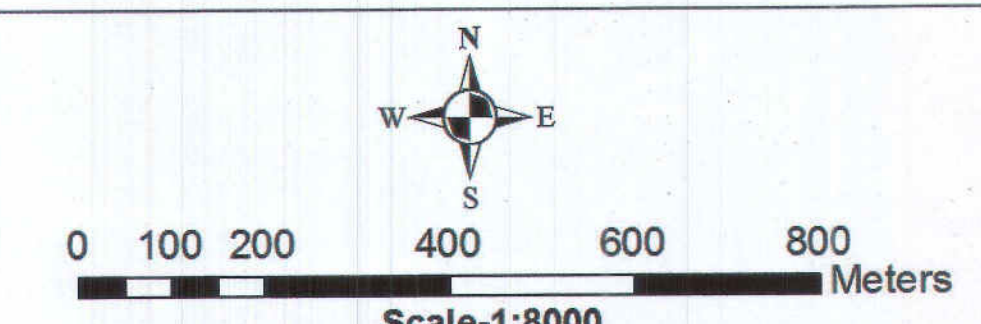
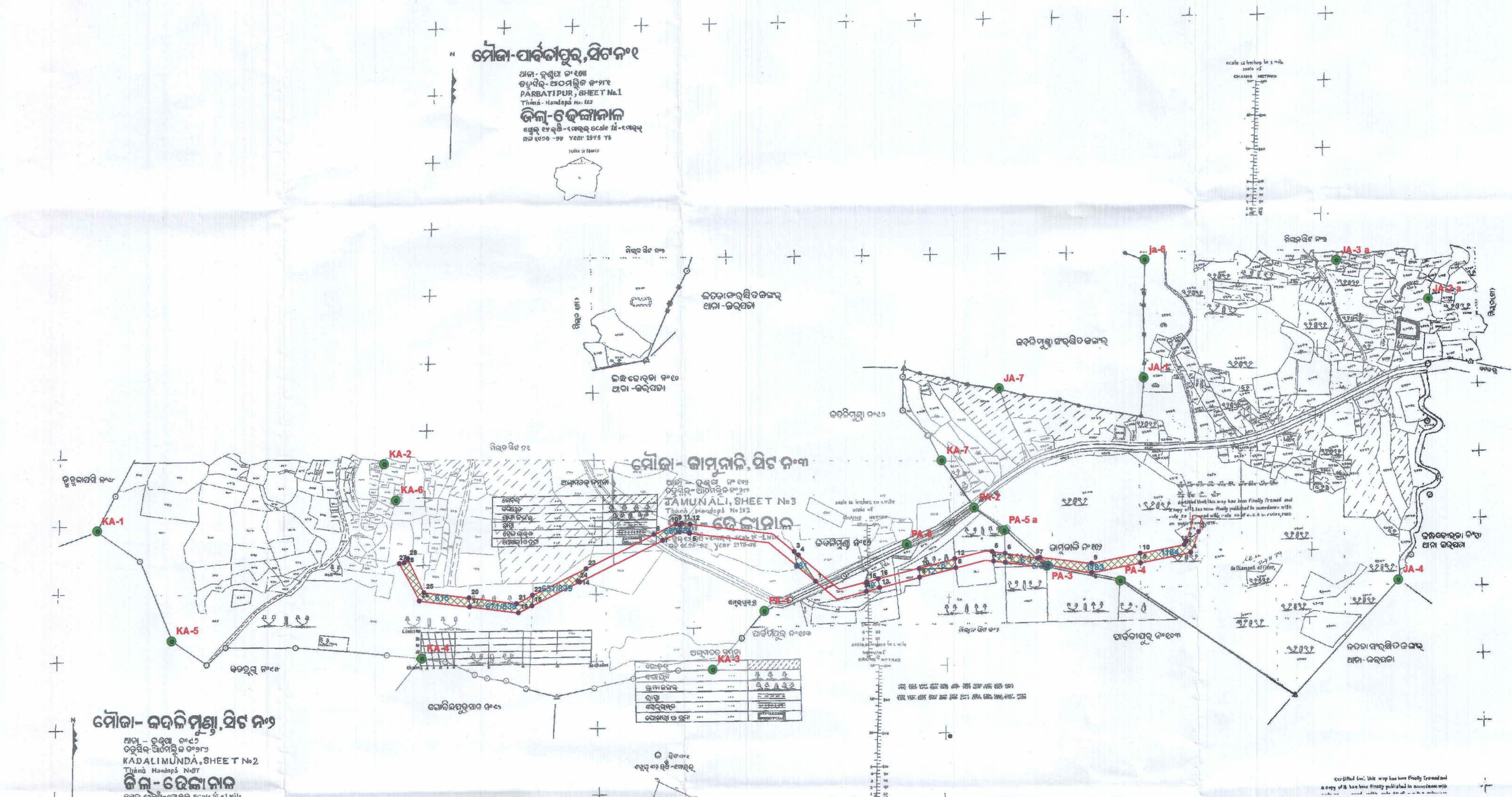


INDEX MAP SHOWING DGPS SURVEY FOREST AREA PROPOSED FOR DIVERSION BY THE RIGHT OF WAY 132KV TRANSMISSION LINE OF M/s ODISHA POWER TRANSMISSION CORPORATION LIMITED(OPTCL) FROM 132/33KV BOINDA S/s TO RTSS BOINDA IN ANGUL DISTRICT



Sl. No	Point Id	Easting	Northing	Latitude	Longitude
1	JA-1	269090.206	2314956.003	20°55'14.0848"	84°46'47.21577"
2	JA-2 a	269928.331	2315181.568	20°55'21.79268"	84°47'16.10287"
3	JA-3 a	269658.622	2315299.506	20°55'25.50513"	84°47'06.71586"
4	JA-4	269836.236	2314350.515	20°54'54.46964"	84°46'47.21803"
5	JA-6	269095.149	2315306.208	20°55'12.98222"	84°46'32.52854"
6	JA-7	268665.266	2314927.983	20°55'12.98222"	84°46'32.52854"
7	KA-1	268004.688	2314527.269	20°54'58.75138"	84°45'00.68252"
8	KA-2	268652.447	2314719.271	20°55'05.37794"	84°45'29.91628"
9	KA-3	267816.302	2314102.258	20°54'45.75958"	84°46'03.55669"
10	KA-4	266958.862	2314141.489	20°54'46.64624"	84°45'33.87674"
11	KA-5	266221.562	2314199.692	20°54'48.20282"	84°45'08.34358"
12	KA-6	266886.137	2314611.685	20°55'01.89631"	84°45'31.13373"
13	KA-7	268493.819	2314715.175	20°55'05.98783"	84°46'26.69962"
14	PA-1	267969.401	2314274.306	20°54'51.42105"	84°46'08.77002"
15	PA-2	268589.334	2314574.85	20°55'01.46978"	84°46'30.07118"
16	PA-3	268800.996	2314399.614	20°54'55.86927"	84°46'37.47739"
17	PA-4	269016.42	2314354.617	20°54'54.50366"	84°46'44.95122"
18	PA-5 a	268676.279	2314507.628	20°54'59.32398"	84°46'33.11119"
19	PA-6	268389.72	2314468.343	20°54'57.91783"	84°46'23.21694"

Sl. No	Village Name	Point Id	Longitude	Latitude	Easting	Northing
1	Kadalmunda	1	84°46'13.95120"	20°54'54.28260"	268120.375	2314360.242
2	Kadalmunda	2	84°46'12.04644"	20°54'55.77894"	268063.955	2314367.007
3	Kadalmunda	3	84°46'11.73504"	20°54'57.16584"	268057.554	2314469.825
4	Kadalmunda	4	84°46'11.68484"	20°54'56.82554"	268069.938	2314439.184
5	Kadalmunda	5	84°46'10.9776"	20°54'58.89096"	267750.859	2314507.16
6	Kadalmunda	6	84°46'00.02107"	20°54'58.04387"	267719.789	2314511.086
7	Kadalmunda	7	84°45'58.32884"	20°54'58.18037"	267659.943	2314486.429
8	Kadalmunda	8	84°45'57.41928"	20°54'58.38832"	267644.472	2314503.952
9	Kadalmunda	9	84°45'56.65416"	20°54'58.81400"	267709.532	2314536.135
10	Kadalmunda	10	84°46'00.08328"	20°54'59.66424"	267721.864	2314531.359
11	Kadalmunda	11	84°46'00.13597"	20°54'58.86297"	267726.887	2314537.403
12	Kadalmunda	12	84°46'01.11216"	20°54'59.77287"	267751.646	2314534.275
13	Kadalmunda	13	84°46'01.07796"	20°54'58.99032"	267750.331	2314510.23
14	Kadalmunda	14	84°45'49.89204"	20°54'54.13032"	267424.947	2314365.244
15	Kadalmunda	15	84°45'45.06732"	20°54'51.80904"	267284.508	2314295.779
16	Kadalmunda	16	84°45'43.64640"	20°54'51.12007"	267243.154	2314275.615
17	Kadalmunda	17	84°45'38.66400"	20°54'51.65748"	267099.382	2314293.704
18	Kadalmunda	20	84°45'38.64024"	20°54'52.54344"	267099.068	2314320.966
19	Kadalmunda	21	84°45'43.46784"	20°54'52.05407"	267238.378	2314339.085
20	Kadalmunda	22	84°45'45.07740"	20°54'52.80117"	267285.227	2314335.157
21	Kadalmunda	23	84°45'50.53624"	20°54'55.39860"	267444.167	2314403.987
22	Kadalmunda	24	84°45'49.71240"	20°54'54.19476"	267419.789	2314367.29
23	Kadalmunda	25	84°45'34.03044"	20°54'53.09167"	266966.053	2314338.068
24	Kadalmunda	26	84°45'33.55907"	20°54'52.21478"	266952.076	2314312.404
25	Kadalmunda	27	84°45'31.49467"	20°54'53.81087"	266933.951	2314424.329
26	Kadalmunda	28	84°45'32.00868"	20°54'55.92564"	266908.856	2314427.678
27	Kadalmunda	29	84°45'32.31684"	20°54'56.28824"	266917.928	2314439.016
28	Parbatipur	1	84°46'37.28100"	20°54'55.90087"	268795.368	2314448.411
29	Parbatipur	2	84°46'37.49448"	20°54'55.75788"	268801.44	2314396.176
30	Parbatipur	3	84°46'33.22596"	20°54'56.22156"	268678.268	2314412.155
31	Parbatipur	4	84°46'32.03148"	20°54'56.35152"	268643.804	2314416.626
32	Parbatipur	5	84°46'31.90728"	20°54'57.24828"	268640.597	2314444.265
33	Parbatipur	6	84°46'33.30148"	20°54'57.10752"	268677.941	2314439.413
34	Parbatipur	7	84°46'38.50880"	20°54'56.63597"	268773.324	2314423.589
35	Parbatipur	8	84°46'28.20828"	20°54'55.67544"	268533.017	2314397.363
36	Parbatipur	9	84°46'24.52260"	20°54'54.75348"	268426.107	2314370.481
37	Parbatipur	10	84°46'24.48912"	20°54'55.57507"	268425.489	2314385.713
38	Parbatipur	12	84°46'28.12332"	20°54'56.46564"	268530.938	2314404.202
39	Parbatipur	13	84°46'20.45784"	20°54'53.70660"	268308.177	2314339.918
40	Parbatipur	14	84°46'19.11972"	20°54'53.36676"	268269.362	2314330.001
41	Parbatipur	15	84°46'19.12224"	20°54'54.27684"	268269.622	2314357.986
42	Parbatipur	16	84°46'20.30448"	20°54'54.57768"	268304.118	2314366.749
43	Jamunali	1	84°46'51.55212"	20°54'58.38360"	269208.6257	2314469.671
44	Jamunali	2	84°46'51.62160"	20°54'58.33080"	269210.8313	2314469.674
45	Jamunali	3	84°46'52.92552"	20°54'59.23620"	269248.8071	2314486.995
46	Jamunali	4	84°46'52.09608"	20°54'57.26016"	269224.0948	2314436.352
47	Jamunali	5	84°46'47.00748"	20°54'56.24784"	269076.5885	2314407.446
48	Jamunali	6	84°46'42.01140"	20°54'55.26936"	268931.7794	2314379.346
49	Jamunali	7	84°46'37.60572"	20°54'55.97172"	268804.7475	2314402.719
50	Jamunali	8	84°46'36.78420"	20°54'56.71764"	268781.3278	2314425.364
51	Jamunali	9	84°46'51.99552"	20°54'56.15964"	269331.8125	2314406.454
52	Jamunali	10	84°46'46.95600"	20°54'57.13272"	269075.4806	2314434.682
53	Jamunali	11	84°46'51.41964"	20°54'58.01544"	269204.8586	2314460.054

Sl. No	Village Name	Plot No	Kism	Allotted Area_Ac.	Allotted Area_Ha.	Map Area_Ha.
1	PARBATIPUR	5/358	Jungle-2	0.039	0.016	0.01
2	PARBATIPUR	6	Jungle-2	0.555	0.225	0.268
3	PARBATIPUR	7	Jungle-2	0.24	0.097	0.098
4	PARBATIPUR	8	Jungle-2	0.366	0.148	0.156
5	PARBATIPUR	9	Jungle-2	0.246	0.1	0.101
6	PARBATIPUR	12	Jungle-2	0.366	0.148	0.135
7	KADALIMUNDA	681	Jungle-1	0.433	0.175	0.171
8	KADALIMUNDA	680	Jungle-2	0.467	0.189	0.214
9	KADALIMUNDA	631/839	Jungle-2	1.067	0.432	0.433
10	KADALIMUNDA	671/838	Gramiya Jungle	1.28	0.518	0.517
11	KADALIMUNDA	615	Gramiya Jungle	1.734	0.702	0.672
12	JAMUNALI	1183	Jungle	1.817	0.735	0.728
13	JAMUNALI	1184	Gramiya Jungle	1.12	0.453	0.48
Total Area =				9.73	3.988	3.988

Legend

- DGPS Surveyed Point
- Derived Forest Points
- Transmission Line Corridor
- Forest Area Proposed for Diversion

- DGPS Survey of forest areas proposed for diversion by the Right of way for 132 KV Transmission Line from 132/33 KV Boinda Sub-Station to Railway Traction Sub-Station at Boinda in Angul district has been carried out by the Deputy General Manager (Elect.) EHT (Construction) Division, Angul through T/S. CEMC, Bhubaneswar.

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

- Total forest areas proposed for diversion comes under Revenue forest category in three cadastral sheets of three Revenue villages and works out to 3.983Ha. from the submitted old files against the mentioned area of 3.933Ha. in the submitted land schedule.

- Additional three maps showing cadastral sheetwise forest areas proposed for diversion are attached herewith.

Deputy General Manager
EHT Construction Division
OPTCL, ANGUL

CASHOR Mohapatra
Scientist



Surveyed & Prepared by :-

