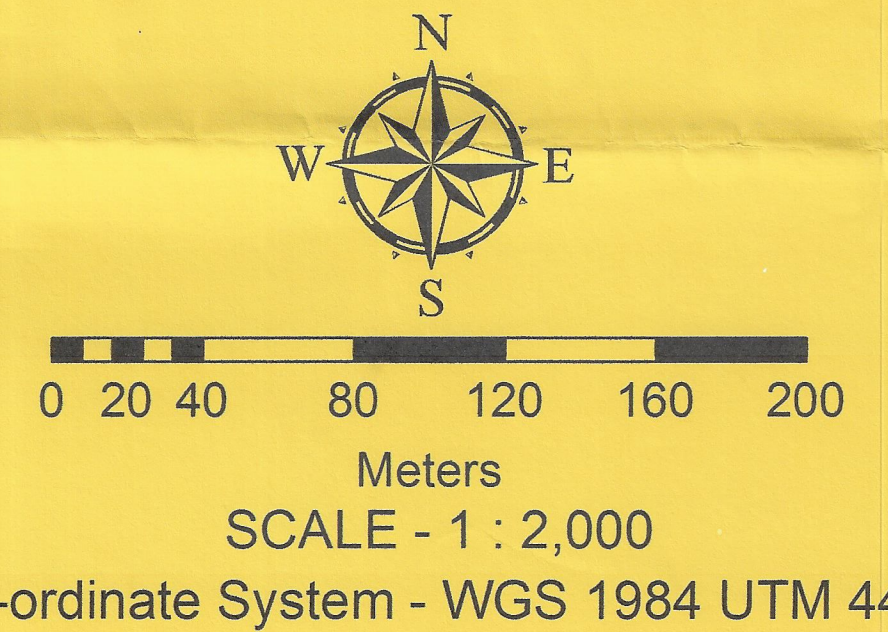


Composite Map showing Forest area proposed for diversion from LOC No. 70 to 74 at Village Belpahar in Jharsuguda district, under Jharsuguda Forest Division for M/s Odisha Power Transmission Corporation Limited (OPTCL) in lieu of already diverted 11.012 ha. forest land of existing 132 KV EHT line from Budhipadar to Jorabaga.



INDEX MAP

DGPS Surveyed Co-ordinate used for georeferencing of Cadastral sheets

Sl. No.	Point Id	Latitude	Longitude	Easting	Northing
1	BLP-01	21° 48' 30.06311" N	83° 51' 22.69907" E	795313.91330	2414350.52480
2	BLP-02	21° 48' 27.70845" N	83° 52' 20.44305" E	796974.65200	2414308.90790
3	BLP-03	21° 47' 42.23010" N	83° 52' 16.07919" E	796875.31510	2412907.04200
4	BLP-04	21° 47' 29.89032" N	83° 51' 37.50616" E	795773.78290	2412506.70190
5	BLP-05	21° 47' 16.46580" N	83° 52' 07.44619" E	796641.95410	2412109.56730
6	BLP-05A	21° 47' 16.51624" N	83° 51' 53.73686" E	796247.90380	2412103.79560
7	BLP-06	21° 47' 16.61696" N	83° 51' 35.58153" E	795726.04290	2412097.21130
8	BLP-07	21° 47' 12.60962" N	83° 51' 29.21288" E	795545.28700	2411970.49930
9	BLP-08	21° 47' 09.93414" N	83° 52' 04.84783" E	796571.01160	2411907.17710
10	BLP-09	21° 46' 46.38860" N	83° 52' 15.05505" E	796877.86700	2411880.05670
11	BLP-10	21° 46' 42.19180" N	83° 51' 48.39768" E	796114.05610	2411044.66890
12	BLP-11	21° 46' 33.99582" N	83° 52' 16.04675" E	796913.46760	2410807.21860
13	BLP-11A	21° 46' 26.04111" N	83° 51' 57.31609" E	796379.62850	2410552.41730
14	BLP-12	21° 46' 18.33560" N	83° 51' 30.65744" E	795617.74820	2410301.08270
15	BLP-12A	21° 46' 10.77064" N	83° 51' 48.54570" E	796136.25180	2410077.81530
16	BLP-13	21° 47' 13.92413" N	83° 52' 23.34860" E	797100.46560	2412039.85900
17	BLP-14	21° 47' 11.81409" N	83° 52' 56.31831" E	798049.27690	2411992.60550
18	BLP-15	21° 46' 47.77745" N	83° 53' 09.77193" E	798449.79550	2411260.13790
19	BLP-16	21° 46' 46.75666" N	83° 52' 31.48106" E	797349.78740	2411208.17520
20	BLP-17	21° 46' 29.08782" N	83° 53' 17.83879" E	798692.42800	2410689.32610
21	BLP-17A	21° 46' 34.72182" N	83° 53' 01.18633" E	798210.52780	2410853.75360
22	BLP-18	21° 46' 32.68133" N	83° 52' 30.32923" E	797324.75120	2410774.41050

DGPS Surveyed Co-ordinate for Tower Location

Sl. No.	Point Id	Latitude	Longitude	Easting	Northing
1	PROP-01	21° 47' 10.89372" N	83° 52' 26.20502" E	797184.30060	2411948.13200
2	PROP-02	21° 47' 12.10061" N	83° 52' 22.60448" E	797080.12390	2411983.34440
3	PROP-03	21° 47' 11.95513" N	83° 52' 18.67542" E	796967.28020	2411976.76450
4	PROP-04	21° 47' 14.77309" N	83° 52' 16.67748" E	796908.24220	2412062.41380
5	EXT-71	21° 47' 08.45851" N	83° 52' 32.59080" E	797369.23540	2411876.61290
6	EXT-072	21° 47' 12.74057" N	83° 52' 22.41132" E	797074.20530	2412002.93480
7	EXT-73-PROP	21° 47' 16.73452" N	83° 52' 12.90393" E	796798.66190	2412120.75510
8	EXT-74	21° 47' 16.69983" N	83° 52' 07.20552" E	796634.90290	2412116.64060

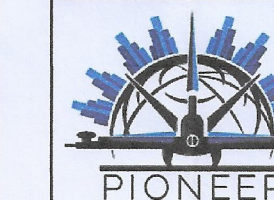
Area Statistics of Forest Area

Sl.No.	Khata No.	Plot No.	Kissam	Allotted Area in Ac.	Alloted Area in Ha.	Map Area in Ha.
1	1267	6296	Bada Jungle	0.590	0.239	0.239
2		6295	Bada Jungle	0.437	0.177	0.177
3		3079	Bada Jungle	0.191	0.077	0.077
4		6297	Bada Jungle	0.479	0.194	0.193
Total Area				1.697	0.687	0.686

Legend:

- DGPS Surveyed Co-ordinate for georeferencing of Cadastral Sheets.
- DGPS Surveyed Co-ordinate for Existing Tower Location
- DGPS Surveyed Co-ordinate for Proposed Tower Location
- Derived Co-ordinate for Forest Pillars
- Center Line of Existing Transmission Line.
- Center Line of Proposed Transmission Line.
- Center Line of Existing Railway Line.
- Corridor of Existing Transmission Line
- Corridor of Proposed Transmission Line
- Corridor of Existing Railway Line
- Mouza Boundary
- Revenue Forest Patch

DGPS Survey and Map Prepared By:



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Belpahar-Sh-6

Belpahar- Sh-9

Belpahar- Sh-10

DGPS Survey of forest areas proposed for diversion for construction of 132 KV Budhipadar - Jorabaga D/C Transmission line from LOC No.70 to 74 of E.H.T. (O & M) Division in Jharsuguda district has been carried out by M/S OPTCL through M/S Pioneer Geomatics Engineering (p) Ltd., Kolkata.

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

Total forest areas proposed for diversion comes under revenue forest category, in 3 cadastral sheets of village Belpahar and work out to 0.686 Ha. from the submitted .shp files against allotted area of 0.687 Ha. (1.697Ac.) as mention in the submitted land schedule.

Additional 3 maps showing plot wise forest area proposed for diversion area attached herewith.

