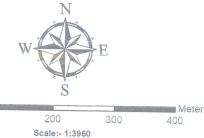


MAP SHOWING COMPENSATORY AFFORSTATION OVER AN AREA OF 25.00 HA IDENTIFIED IN PATTOLA (SINANG RESERVE FOREST) UNDER BHAWANIPATNA RANGE IN KALAHANDI NORTH FOREST DIVISION AND KALAHANDI DISTRICT AGAINST FOREST AREA PROPOSED FOR DIVERSION OF 136.966 HA OF FOREST LAND (BALIGUDA FOREST DIVISION 94.013 HA + KALAHANDI NORTH FOREST DIVISION 42.953 HA) FOR CONSTRUCTION OF 220 KV DC TRANSMISSION LINE FROM EXISTING 220/132 KV GRID SUB-STATION AT KESINGA, KALAHANDI DISTRICT TO PROPOSED 220/132/33 KV GRID SUB STATION AT BALIGUDA (SIRTIGURA), KANDHAMAL DISTRICT.



| S. No. | Point Id | Easting | Northing | Latitude | Longitude |
|--------|----------|------------|-------------|---------------------|---------------------|
| 1 | PA-01 | 720824.405 | 2200271.989 | 19° 53' 10.34400" N | 83° 06' 32.92578" E |
| 2 | PA-02 | 720848.243 | 2200331.941 | 19° 53' 12.28334" N | 83° 06' 33.77083" E |
| 3 | PA-03 | 720901.887 | 2200502.834 | 19° 53' 13.31524" N | 83° 06' 35.60189" E |
| 4 | PA-04 | 720945.960 | 2200615.451 | 19° 53' 11.70770" N | 83° 06' 37.10139" E |
| 5 | PA-05 | 720988.890 | 2200338.054 | 19° 53' 12.09070" N | 83° 06' 38.60072" E |
| 6 | PA-06 | 721039.812 | 2200331.262 | 19° 53' 12.18322" N | 83° 06' 38.35421" E |
| 7 | PA-07 | 721095.057 | 2200334.744 | 19° 53' 12.27389" N | 83° 06' 42.25431" E |
| 8 | PA-08 | 721141.451 | 2200337.657 | 19° 53' 12.34966" N | 83° 06' 43.85000" E |
| 9 | PA-09 | 721190.824 | 2200340.754 | 19° 53' 12.43020" N | 83° 06' 45.54813" E |
| 10 | PA-10 | 721242.431 | 2200343.992 | 19° 53' 12.51443" N | 83° 06' 47.32312" E |
| 11 | PA-11 | 721294.093 | 2200347.276 | 19° 53' 12.60010" N | 83° 06' 49.10001" E |
| 12 | PA-12 | 721344.637 | 2200373.319 | 19° 53' 13.38449" N | 83° 06' 53.59768" E |
| 13 | PA-13 | 721355.141 | 2200399.430 | 19° 53' 14.18903" N | 83° 06' 58.09388" E |
| 14 | PA-14 | 721639.458 | 2200421.843 | 19° 53' 14.88123" N | 83° 07' 01.00147" E |
| 15 | PA-15 | 721723.718 | 2200444.307 | 19° 53' 15.57907" N | 83° 07' 03.90688" E |
| 16 | PA-16 | 721730.108 | 2200507.850 | 19° 53' 17.64225" N | 83° 07' 04.15396" E |
| 17 | PA-17 | 721736.880 | 2200582.448 | 19° 53' 20.06468" N | 83° 07' 04.41895" E |
| 18 | PA-18 | 721665.765 | 2200613.468 | 19° 53' 21.10224" N | 83° 07' 01.98834" E |
| 19 | PA-19 | 721611.850 | 2200656.116 | 19° 53' 22.57580" N | 83° 07' 00.15471" E |
| 20 | PA-20 | 721512.629 | 2200656.981 | 19° 53' 22.56644" N | 83° 06' 56.74403" E |
| 21 | PA-21 | 721440.139 | 2200655.783 | 19° 53' 22.57012" N | 83° 06' 54.25240" E |
| 22 | PA-22 | 721340.947 | 2200654.106 | 19° 53' 22.55610" N | 83° 06' 50.84265" E |
| 23 | PA-23 | 721267.152 | 2200652.749 | 19° 53' 22.54211" N | 83° 06' 48.30592" E |
| 24 | PA-24 | 721191.406 | 2200630.309 | 19° 53' 21.84757" N | 83° 06' 45.34936" E |
| 25 | PA-25 | 721089.611 | 2200606.250 | 19° 53' 21.10285" N | 83° 06' 42.18419" E |
| 26 | PA-26 | 721001.914 | 2200583.264 | 19° 53' 20.39139" N | 83° 06' 39.15691" E |
| 27 | PA-27 | 720912.076 | 2200559.758 | 19° 53' 19.65275" N | 83° 06' 36.06267" E |
| 28 | PA-28 | 720856.285 | 2200541.165 | 19° 53' 19.08201" N | 83° 06' 34.13729" E |
| 29 | PA-29 | 720800.488 | 2200522.566 | 19° 53' 18.50007" N | 83° 06' 32.21169" E |
| 30 | PA-30 | 720741.659 | 2200471.873 | 19° 53' 16.87598" N | 83° 06' 30.16805" E |
| 31 | PA-31 | 720682.846 | 2200421.217 | 19° 53' 15.25309" N | 83° 06' 28.12500" E |
| 32 | PA-32 | 720753.675 | 2200346.582 | 19° 53' 12.79784" N | 83° 06' 30.52708" E |

| S. No. | Name of the RF | Map Area_Ha |
|--------------|---------------------------------|---------------|
| 1 | Pattola (Sinang Reserve Forest) | 25.485 |
| Total | | 25.485 |

- DGPS Survey of identified Compensatory Afforestation land in Pattola (Sinang R.F.) under Bhawanipatna Range, Kalahandi North Forest Division for the forest area proposed for diversion for construction of 220 KV DC Transmission line from existing 220/132 KV Grid Sub-Station at Kesinga, Kalahandi district to proposed 220/132/33 KV Grid Sub-Station at Sirtigura under K. Nuagaon Tahasil, Kandhamal district has been carried out by the Deputy General Manager (Electrical), E.H.T. (Const.) Division, OPTCL, Berhampur through M/s Visiontek Consultancy Services Pvt. Ltd., Bhubaneswar.
- DGPS Survey Co-ordinates are verified by ORSAC. Also Maps showing Compensatory Afforestation land are verified with surveyed points compared with Ortho-rectified Cartosat Satellite image and found that maps are correct at a confidence level of 95%.
- Total area proposed for Compensatory Afforestation comes in Pattola (Sinang R.F.) under Bhawanipatna Range, Kalahandi North Forest Division and works out to 25.485Ha. against identified area of 25.00Ha. (as mentioned in the D.F.O., Kalahandi North Forest Division letter) through detail survey and from the submitted shp files.



Legend

- Compensatory Afforestation Boundary
- Compensatory Afforestation Boundary Points

Surveyed and Prepared By:-

Divisional Forest Officer
 Kalahandi North Division

Deputy Commissioner (Elect.)
 EHTC (Construction) Division
 Berhampur

Forest Range Officer
 Bhawanipatna Range