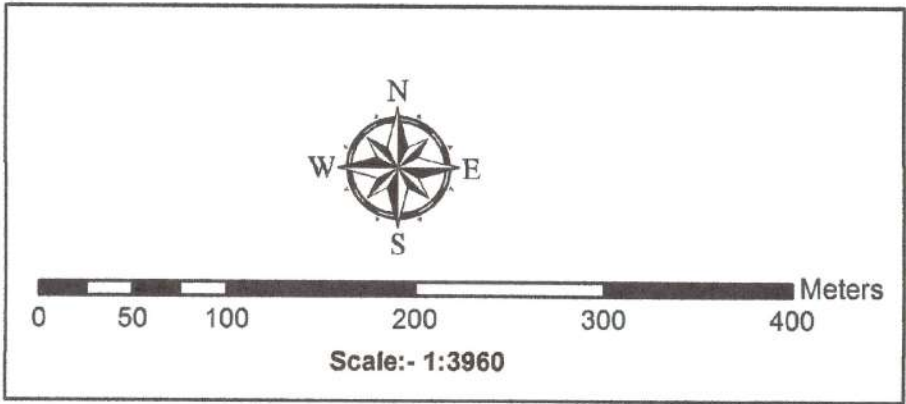
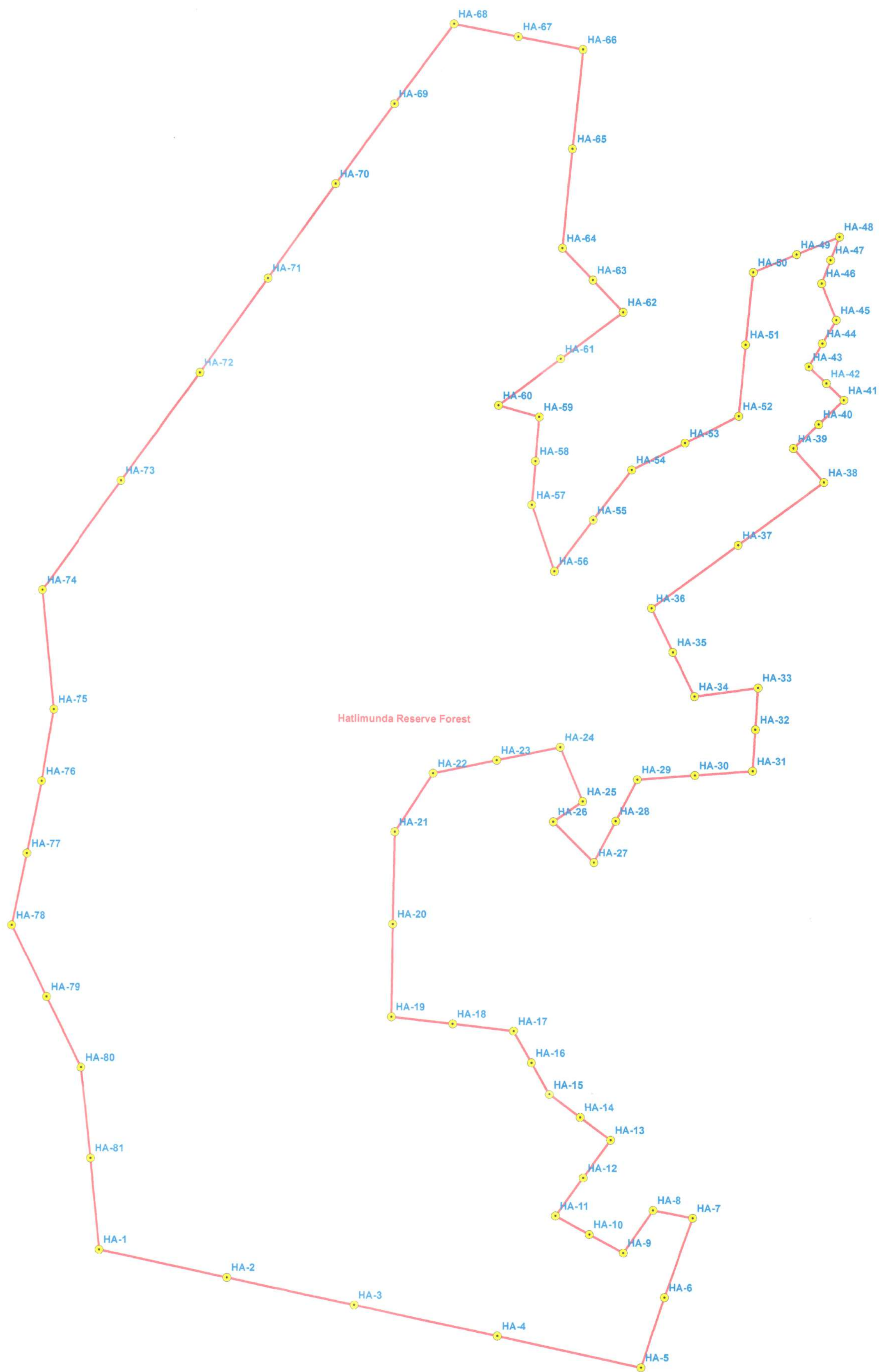


MAP SHOWING COMPENSATORY AFFORSTATION OVER AN AREA OF 100.00 HA IDENTIFIED IN HATLIMUNDA RESERVE FOREST UNDER BIRMAHARAJPUR RANGE IN SUBARNAPUR FOREST DIVISION AND SUBARNAPUR DISTRICT AGAINST FOREST AREA PROPOSED FOR DIVERSION OF 136.966 HA OF FOREST LAND (BALIGUDA FOREST DIVISION 94.013 HA + KALAHANDI 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.



DGPS Surveyed Co-ordinates of Hatlimunda Reserve Forest Boundary Pillars				
S. No.	Point_id	Easting	Northing	Latitude
1	HA-1	199006.700	2325250.416	21° 00' 12.21023" N
2	HA-2	199168.895	2325210.173	21° 00' 10.99838" N
3	HA-3	199331.112	2325169.932	21° 00' 09.78652" N
4	HA-4	199513.526	2325125.772	21° 00' 08.45918" N
5	HA-5	199695.970	2325081.596	21° 00' 07.13128" N
6	HA-6	199726.786	2325176.627	21° 00' 10.23665" N
7	HA-7	199764.805	2325284.407	21° 00' 13.76039" N
8	HA-8	199714.300	2325295.789	21° 00' 14.10049" N
9	HA-9	199675.640	2325237.993	21° 00' 12.20018" N
10	HA-10	199632.775	2325263.381	21° 00' 12.99976" N
11	HA-11	199589.874	2325288.781	21° 00' 13.79971" N
12	HA-12	199625.531	2325340.306	21° 00' 15.49452" N
13	HA-13	199661.096	2325392.160	21° 00' 17.20000" N
14	HA-14	199622.663	2325423.634	21° 00' 18.19991" N
15	HA-15	199584.194	2325455.120	21° 00' 19.20019" N
16	HA-16	199561.874	2325498.601	21° 00' 20.59962" N
17	HA-17	199539.517	2325542.120	21° 00' 22.00027" N
18	HA-18	199461.676	2325552.744	21° 00' 22.29961" N
19	HA-19	199383.831	2325563.393	21° 00' 22.59980" N
20	HA-20	199387.558	2325689.547	21° 00' 26.70031" N
21	HA-21	199391.333	2325815.677	21° 00' 30.80006" N
22	HA-22	199441.863	2325894.789	21° 00' 33.39987" N
23	HA-23	199523.086	2325911.776	21° 00' 33.99951" N
24	HA-24	199604.347	2325928.793	21° 00' 34.60011" N
25	HA-25	199631.891	2325854.403	21° 00' 32.19963" N
26	HA-26	199593.831	2325827.390	21° 00' 31.29969" N
27	HA-27	199644.850	2325771.063	21° 00' 29.49979" N
28	HA-28	199673.339	2325827.513	21° 00' 31.35041" N
29	HA-29	199701.808	2325883.942	21° 00' 33.20034" N
30	HA-30	199775.585	2325888.747	21° 00' 33.39980" N
31	HA-31	199849.375	2325893.573	21° 00' 33.59992" N
32	HA-32	199853.312	2325950.450	21° 00' 35.44998" N
33	HA-33	199857.242	2326007.323	21° 00' 37.29991" N
34	HA-34	199776.120	2325996.487	21° 00' 36.90023" N
35	HA-35	199749.713	2326056.988	21° 00' 38.85018" N
36	HA-36	199723.344	2326117.466	21° 00' 40.79943" N
37	HA-37	199834.755	2326201.649	21° 00' 43.59972" N
38	HA-38	199946.089	2326285.828	21° 00' 46.39985" N
39	HA-39	199907.421	2326332.691	21° 00' 47.89956" N
40	HA-40	199939.945	2326365.052	21° 00' 48.96997" N
41	HA-41	199972.475	2326397.362	21° 00' 50.03872" N
42	HA-42	199950.592	2326420.678	21° 00' 50.78333" N
43	HA-43	199928.645	2326444.055	21° 00' 51.52988" N
44	HA-44	199946.696	2326475.810	21° 00' 52.57210" N
45	HA-45	199964.820	2326507.589	21° 00' 53.61515" N
46	HA-46	199946.558	2326557.573	21° 00' 55.22824" N
47	HA-47	199958.465	2326588.945	21° 00' 56.25443" N
48	HA-48	199970.374	2326620.339	21° 00' 57.28129" N
49	HA-49	199914.979	2326596.836	21° 00' 56.48521" N
50	HA-50	199859.582	2326573.323	21° 00' 55.68880" N
51	HA-51	199848.757	2326475.194	21° 00' 52.49457" N
52	HA-52	199837.888	2326377.059	21° 00' 49.30008" N
53	HA-53	199769.332	2326341.353	21° 00' 48.09980" N
54	HA-54	199700.750	2326305.652	21° 00' 46.89971" N
55	HA-55	199650.396	2326237.325	21° 00' 44.65039" N
56	HA-56	199600.029	2326168.965	21° 00' 42.39997" N
57	HA-57	199572.749	2326258.712	21° 00' 45.29952" N
58	HA-58	199578.166	2326318.659	21° 00' 47.25017" N
59	HA-59	199583.577	2326378.574	21° 00' 49.19982" N
60	HA-60	199531.840	2326394.922	21° 00' 49.70047" N
61	HA-61	199612.500	2326458.104	21° 00' 51.80047" N
62	HA-62	199693.085	2326521.269	21° 00' 53.89990" N
63	HA-63	199654.860	2326565.051	21° 00' 55.29975" N
64	HA-64	199616.629	2326608.840	21° 00' 56.69981" N
65	HA-65	199632.119	2326744.008	21° 01' 01.10010" N
66	HA-66	199647.545	2326879.163	21° 01' 05.49992" N
67	HA-67	199565.487	2326897.517	21° 01' 06.04790" N
68	HA-68	199483.483	2326915.999	21° 01' 06.60006" N
69	HA-69	199405.569	2326808.015	21° 01' 03.04618" N
70	HA-70	199329.277	2326700.248	21° 00' 59.50030" N
71	HA-71	199240.013	2326572.735	21° 00' 55.30526" N
72	HA-72	199151.238	2326444.907	21° 00' 51.10028" N
73	HA-73	199048.798	2326298.987	21° 00' 46.29952" N
74	HA-74	198946.496	2326153.100	21° 00' 41.49987" N
75	HA-75	198957.975	2325989.745	21° 00' 36.19981" N
76	HA-76	198941.766	2325891.552	21° 00' 33.00029" N
77	HA-77	198921.182	2325793.429	21° 00' 29.80049" N
78	HA-78	198900.608	2325695.273	21° 00' 26.59961" N
79	HA-79	198943.651	2325597.541	21° 00' 23.45001" N
80	HA-80	198986.682	2325499.798	21° 00' 20.30001" N
81	HA-81	198996.700	2325375.112	21° 00' 16.25529" N

Area Statistics of Hatlimunda Reserve Forest		
S. No.	Name of the Reserve Forest	Map_Area_Ha
1	Hatlimunda Reserve Forest	100.362
Total		100.362

- DGPS Survey of identified Compensatory Afforestation land in Hatlimunda R.F. under Birmaharajpur Range, Subarnapur Forest Division for the forest areas 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 Sirttigura 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 Hatlimunda R.F. under Birmaharajpur Range, Subarnapur Forest Division and works out to 100.362Ha. against identified area of 100Ha. (as mentioned in the D.F.O., Subarnapur Forest Division letter) through detail survey and from the submitted .shp files.



Legend	
	Compensatory Afforestation Boundary
	Compensatory Afforestation Boundary Points

Surveyed and Prepared By:-



Visiontek Consultancy Services Pvt. Ltd.
(a Division Engineering Consulting Co. Pvt. Ltd.)