INDEX MAP SHOWING DGPS/TS SURVEYED FOREST LAND PROPOSED FOR DIVERSION REQUIRED FOR WIDENING OF NH - 157 WITH PAVED SHOULDER FROM KM. 0/0 TO 119/0 (EXCEPT FROM KM.81/0 TO 91/0 KALINGA GHAT PORTION)

SCALE :-1:15,000

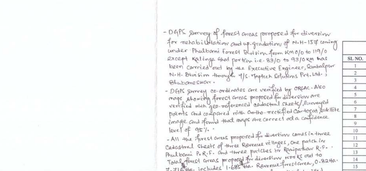
Kilometers

2 1 0 1 2 3 4 5 6

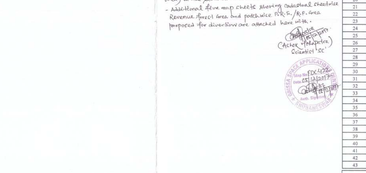
N W E S

(RANIPATHAR GHAT FROM CH :-6/0 KM. TO 14/0 KM. UNDER SUDRUKUMPA RANGE)

(BHETKHOL GHAT FROM CH :- 26/0 KM. TO 29/0 KM. NEAR SUDRUKUMPA & PHULBARI RANGE)



(BHETKHOL GHAT NEAR PHULBARI FROM CH :- 30/0 KM TO 33/0 KM.)



DGPS /TS SURVEY CONDUCTED & MAP PREPARED BY:

MAPTECH SOLUTIONS PVT.LTD.

9-5/11, GROUND FLOOR
JAYDEV VIHAR BHUBANESWAR

LEGEND

- DGPS/T.S. OBSERVATION CO-ORDINATES OF ROAD CENTER LINE
- T.S. OBSERVATION CO-ORDINATES OF R.P. PILLARS
- DGPS/T.S. OBSERVATION CO-ORDINATES OF VILLAGE FOREST POINT
- DERIVED CO-ORDINATES OF VILLAGE FOREST POINT
- ROAD CENTER LINE
- 7 MTR. EXISTING ROAD CORRIDOR
- 17 MTR. ROAD CORRIDOR
- VILLAGE BOUNDARY
- RESERVED FOREST AREA PROPOSED FOR DIVERSION (5 MTR. WIDENING ON BOTH SIDES)
- FOREST LAND TO BE DIVERTED

TOTAL STATION OBSERVATION CO-ORDINATES OF R.P PILLARS (CH :- 26/00 KM TO 29/00 KM)

SL.NO.	POINT ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	RF.1	214817.354	2260202.997	E84° 19' 56.743"	N20° 38' 1.916"
2	RF.2	214813.963	2260198.911	E84° 19' 56.712"	N20° 38' 1.854"
3	RF.3	214774.864	2260192.456	E84° 19' 55.512"	N20° 38' 0.064"
4	RF.4	214778.522	2260189.041	E84° 19' 55.455"	N20° 38' 0.717"
5	RF.5	214752.186	2260184.474	E84° 19' 54.742"	N20° 37' 59.252"
6	RF.6	214743.191	2260183.004	E84° 19' 54.466"	N20° 37' 59.022"
7	RF.7	214719.617	2260178.887	E84° 19' 53.734"	N20° 37' 59.022"
8	RF.8	214701.407	2260177.186	E84° 19' 53.180"	N20° 37' 58.967"
9	RF.9	214527.945	2260156.715	E84° 19' 53.728"	N20° 37' 58.572"
10	RF.10	214527.451	2260156.753	E84° 19' 47.734"	N20° 37' 58.581"
11	RF.11	214519.560	2260154.298	E84° 19' 53.230"	N20° 37' 58.502"
12	RF.12	214519.526	2260154.298	E84° 19' 53.229"	N20° 37' 58.502"
13	RF.13	214481.726	2260150.353	E84° 19' 52.450"	N20° 37' 58.504"
14	RF.14	214482.693	2260144.961	E84° 19' 52.464"	N20° 37' 58.331"
15	RF.15	214444.633	2260139.163	E84° 19' 51.846"	N20° 37' 58.331"
16	RF.16	214406.170	2260133.482	E84° 19' 51.218"	N20° 37' 58.331"
17	RF.17	214425.145	2260137.598	E84° 19' 51.750"	N20° 37' 59.259"
18	RF.18	214425.520	2260135.664	E84° 19' 51.744"	N20° 37' 59.259"
19	RF.19	214414.371	2260130.336	E84° 19' 49.795"	N20° 37' 59.354"
20	RF.20	214410.058	2260129.454	E84° 19' 49.654"	N20° 37' 59.354"
21	RF.21	214407.116	2260176.495	E84° 19' 49.549"	N20° 39' 0.217"
22	RF.22	214407.116	2260176.495	E84° 19' 49.549"	N20° 39' 0.217"
23	RF.23	214372.458	2260170.586	E84° 19' 48.441"	N20° 38' 59.997"
24	RF.24	214337.035	2260164.964	E84° 19' 47.307"	N20° 38' 59.997"
25	RF.25	214337.991	2260164.964	E84° 19' 47.307"	N20° 38' 59.997"
26	RF.26	214302.611	2260169.944	E84° 19' 48.469"	N20° 38' 59.330"
27	RF.27	214302.611	2260169.944	E84° 19' 48.469"	N20° 38' 59.330"
28	RF.28	214266.473	2260158.764	E84° 19' 48.480"	N20° 38' 57.053"
29	RF.29	214198.222	2260144.944	E84° 19' 46.178"	N20° 38' 57.053"
30	RF.30	214149.571	2260137.233	E84° 19' 45.178"	N20° 38' 57.053"
31	RF.31	214103.708	2260130.188	E84° 19' 43.642"	N20° 38' 57.053"
32	RF.32	214058.561	2260114.386	E84° 19' 48.772"	N20° 39' 57.183"
33	RF.33	214076.098	2260111.738	E84° 19' 48.772"	N20° 39' 57.183"
34	RF.34	214071.377	2260116.562	E84° 19' 48.351"	N20° 39' 57.247"
35	RF.35	214071.377	2260116.562	E84° 19' 48.351"	N20° 39' 57.247"
36	RF.36	214053.130	2260123.719	E84° 19' 47.718"	N20° 39' 57.493"
37	RF.37	214053.508	2260123.719	E84° 19' 47.718"	N20° 39' 57.493"
38	RF.38	214035.597	2260128.816	E84° 19' 47.110"	N20° 39' 57.493"
39	RF.39	214035.597	2260128.816	E84° 19' 47.110"	N20° 39' 57.493"
40	RF.40	214011.996	2260134.667	E84° 19' 46.297"	N20° 39' 57.493"
41	RF.41	214004.427	2260133.586	E84° 19' 47.037"	N20° 39' 57.493"
42	RF.42	214003.613	2260134.885	E84° 19' 47.037"	N20° 39' 57.493"
43	RF.43	214003.507	2260096.038	E84° 19' 46.781"	N20° 39' 56.323"
44	RF.44	214003.507	2260096.038	E84° 19' 46.781"	N20° 39' 56.323"
45	RF.45	214003.561	2260061.033	E84° 19' 46.205"	N20° 39' 55.232"
46	RF.46	214003.317	2260045.482	E84° 19' 46.205"	N20° 39' 54.727"
47	RF.47	214004.057	2260037.613	E84° 19' 45.983"	N20° 39' 55.012"
48	RF.48	214003.561	2260031.033	E84° 19' 45.983"	N20° 39' 55.012"
49	RF.49	214003.561	2260031.033	E84° 19' 46.205"	N20° 39' 55.012"
50	RF.50	214003.561	2260031.033	E84° 19' 46.205"	N20° 39' 55.012"
51	RF.51	214003.751	2260019.267	E84° 19' 46.402"	N20° 39' 55.026"
52	RF.52	214003.751	2260019.267	E84° 19' 46.402"	N20° 39' 55.026"
53	RF.53	214003.316	2260003.556	E84° 19' 46.402"	N20° 39' 54.527"
54	RF.54	214003.316	2260003.556	E84° 19' 46.402"	N20° 39' 54.527"
55	RF.55	214003.138	2259985.794	E84° 19' 46.650"	N20° 39' 53.493"
56	RF.56	214003.138	2259985.794	E84° 19' 46.650"	N20° 39' 53.493"
57	RF.57	214003.138	2259976.918	E84° 19' 46.650"	N20° 39' 53.082"
58	RF.58	214003.138	2259976.918	E84° 19' 46.650"	N20° 39' 53.082"
59	RF.59	214003.138	2259976.918	E84° 19' 46.650"	N20° 39' 53.082"
60	RF.60	214003.788	2259934.463	E84° 19' 47.535"	N20° 39' 51.292"
61	RF.61	214003.788	2259934.463	E84° 19' 47.535"	N20° 39' 51.292"
62	RF.62	214003.284	2259918.212	E84° 19' 47.535"	N20° 39' 50.720"
63	RF.63	214003.284	2259918.212	E84° 19' 47.535"	N20° 39' 50.720"
64	RF.64	214002.015	2259894.472	E84° 19' 47.495"	N20° 39' 50.283"
65	RF.65	214002.015	2259894.472	E84° 19' 47.495"	N20° 39' 50.283"
66	RF.66	214002.227	2259883.252	E84° 19' 48.481"	N20° 39' 49.986"
67	RF.67	214002.513	2259869.076	E84° 19' 48.481"	N20° 39' 49.986"
68	RF.68	214003.995	2259870.781	E84° 19' 42.502"	N20° 39' 49.154"
69	RF.69	214003.335	2259870.768	E84° 19' 42.502"	N20° 39' 49.154"
70	RF.70	214003.305	2259870.768	E84° 19' 48.557"	N20° 39' 49.154"
71	RF.71	214003.507	2259859.294	E84° 19' 48.557"	N20° 39' 48.789"
72	RF.72	214004.345	2259851.202	E84° 19' 41.359"	N20° 39' 48.837"
73	RF.73	214004.345	2259851.202	E84° 19' 41.359"	N20° 39' 48.837"
74	RF.74	214041.782	2259857.359	E84° 19' 42.736"	N20° 39' 48.572"
75	RF.75	214041.782	2259857.359	E84° 19' 42.736"	N20° 39' 48.572"
76	RF.76	214114.475	2259867.972	E84° 19' 45.729"	N20° 39' 48.572"
77	RF.77	214112.106	2259840.901	E84° 19' 39.502"	N20° 39' 48.194"
78	RF.78	214112.106	2259840.901	E84° 19' 39.502"	N20° 39' 48.194"
79	RF.79	214112.453	2259760.665	E84° 19' 39.522"	N20° 39' 1.690"
80	RF.80	214112.453	2259760.665	E84° 19' 39.522"	N20° 39' 1.690"
81	RF.81	214112.453	2259760.665	E84° 19' 39.522"	N20° 39' 1.690"
82	RF.82	214081.560	2260167.355	E84° 19' 55.354"	N20° 38' 1.779"
83	RF.83	214079.864	2260167.231	E84° 19' 55.145"	N20° 38' 59.356"
84	RF.84	214079.864	2260167.231	E84° 19' 55.145"	N20° 38' 59.356"
85	RF.85	214079.864	2260167.231	E84° 19' 55.145"	N20° 38' 59.356"
86	RF.86	214078.522	2260189.041	E84° 19' 55.455"	N20° 38' 0.717"
87	RF.87	214078.522	2260189.041	E84° 19' 55.455"	N20° 38' 0.717"
88	RF.88	214076.264	2260189.041	E84° 19' 55.455"	N20° 38' 0.717"
89	RF.89	214076.264	2260189.041	E84° 19' 55.455"	N20° 38' 0.717"
90	RF.90	214076.264	2260189.041	E84° 19' 55.455"	N20° 38' 0.717"