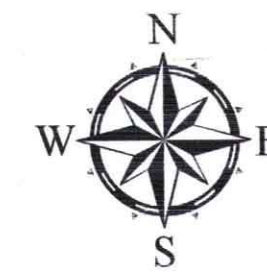
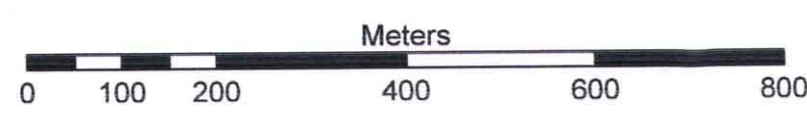


INDEX MAP SHOWING DGPS SURVEYED FOREST LAND PROPOSED FOR DIVERSION REQUIRED FOR IMPROVEMENT OF DMF ROAD FROM KENDUGHATI TO JAMUDHIH UNDER R.W DIVISION, ROURKELA

SCALE - 1:8,000



DGPS OBSERVATION CO-ORDINATES OF ROAD CENTER POINT					
SL.NO	POINT ID	MAP ID	EASTING	NORTHING	LONGITUDE
1	CP-1	CP-1	299615.837	242416.455	88°03'36.43078"
2	CP-2	CP-2	299598.530	242440.1370	88°03'35.90761"
3	CP-3	CP-3	299592.165	242442.859	88°03'35.67242"
4	CP-4	CP-4	299583.918	242432.114	88°03'35.38986"
5	CP-5	CP-5	299539.743	242438.235	88°03'33.87035"
6	CP-6	CP-6	299456.246	242444.439	88°03'30.98102"
7	CP-7	CP-7	299429.018	242431.743	88°03'30.04252"
8	CP-8	CP-8	299404.590	242429.966	88°03'29.20338"
9	CP-9	CP-9	299378.883	242427.352	88°03'28.31666"
10	CP-10	CP-10	299359.422	242429.023	88°03'26.94911"
11	CP-11	CP-11	299306.937	242423.732	88°03'25.80962"
12	CP-12	CP-12	299271.849	242426.244	88°03'24.60964"
13	CP-13	CP-13	299243.023	242420.062	88°03'23.60824"
14	CP-14	CP-14	299215.827	242420.938	88°03'22.66049"
15	CP-15	CP-15	299201.557	242419.449	88°03'22.16406"
16	CP-16	CP-16	299183.990	242411.163	88°03'21.54433"
17	CP-17	CP-17	299169.949	242420.018	88°03'21.07155"
18	CP-18	CP-18	299148.063	242418.834	88°03'20.31365"
19	CP-19	CP-19	299092.958	242417.937	88°03'18.39865"
20	CP-20	CP-20	299077.078	242417.845	88°03'17.84667"
21	CP-21	CP-21	299024.127	242416.952	88°03'16.00607"
22	CP-22	CP-22	298972.416	242415.400	88°03'14.20893"
23	CP-23	CP-23	298944.070	242414.798	88°03'13.22620"
24	CP-24	CP-24	298912.525	242413.983	88°03'12.13789"
25	CP-25	CP-25	298851.606	242406.415	88°03'10.04345"
26	CP-26	CP-26	298814.253	242401.225	88°03'08.76991"
27	CP-27	CP-27	298799.873	242401.028	88°03'08.26396"
28	CP-28	CP-28	298769.996	242398.199	88°03'07.23653"
29	CP-29	CP-29	298758.211	242396.375	88°03'06.83325"
30	CP-30	CP-30	298712.217	242391.469	88°03'05.42711"
31	CP-31	CP-31	298682.425	242384.917	88°03'04.24502"
32	CP-32	CP-32	298655.740	242381.664	88°03'03.32910"
33	CP-33	CP-33	298640.096	242379.001	88°03'02.79261"
34	CP-34	CP-34	298632.161	242377.947	88°03'02.53603"
35	CP-35	CP-35	298607.872	242364.101	88°03'01.73726"
36	CP-36	CP-36	298603.978	242387.830	88°03'01.62700"
37	CP-37	CP-37	298597.491	242354.739	88°03'01.42011"
38	CP-38	CP-38	298588.626	242353.192	88°03'01.12527"
39	CP-39	CP-39	298570.768	242340.977	88°03'00.53603"
40	CP-40	CP-40	298550.015	242337.498	88°02'59.83153"
41	CP-41	CP-41	298539.059	242337.927	88°02'59.46051"
42	CP-42	CP-42	298517.999	242339.807	88°02'58.74183"
43	CP-43	CP-43	298496.254	242330.274	88°02'58.08052"
44	CP-44	CP-44	298487.075	242326.015	88°02'57.69910"
45	CP-45	CP-45	298469.519	242326.797	88°02'57.11200"
46	CP-46	CP-46	298451.249	242318.503	88°02'56.48684"
47	CP-47	CP-47	298431.316	242316.023	88°02'55.80156"
48	CP-48	CP-48	298410.468	242313.839	88°02'55.08648"
49	CP-49	CP-49	298381.915	242308.373	88°02'54.11644"
50	CP-50	CP-50	298343.344	242302.388	88°02'52.79825"
51	CP-51	CP-51	298309.491	242298.108	88°02'51.63604"
52	CP-52	CP-52	298282.890	242296.389	88°02'51.08757"
53	CP-53	CP-53	297882.412	242150.415	88°02'50.29711"
54	CP-54	CP-54	297634.022	242178.878	88°02'48.49712"
55	CP-55	CP-55	297599.392	242176.870	88°02'47.44326"
56	CP-56	CP-56	297570.326	242173.598	88°02'46.44482"
57	CP-57	CP-57	297538.239	242163.783	88°02'45.34584"
58	CP-58	CP-58	297523.551	242161.771	88°02'45.36411"
59	CP-59	CP-59	297464.007	242153.596	88°02'44.84050"
60	CP-60	CP-60	297457.766	242140.057	88°02'44.67047"

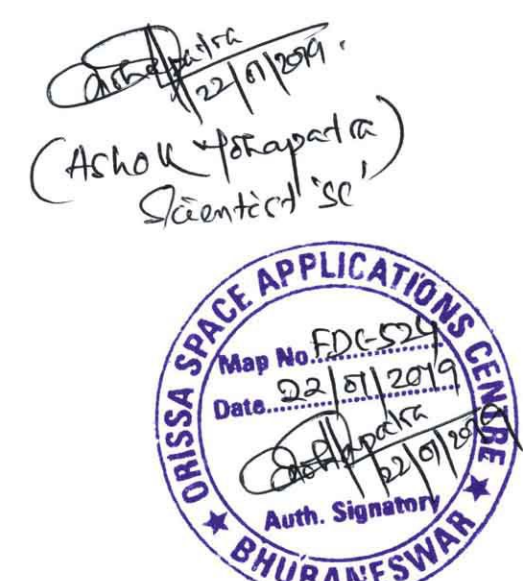
DGPS OBSERVATION CO-ORDINATES OF R.F. PILLARS					
SL.NO	POINT ID	MAP ID	EASTING	NORTHING	LONGITUDE
1	REF-1	REF-1	298275.441	2422925.309	88°02'50.47652"
2	REF-2	REF-2	298282.798	2422923.019	88°02'50.71122"
3	REF-3	REF-3	298273.539	2422914.624	88°02'50.41500"
4	REF-4	REF-4	298281.555	2422911.883	88°02'50.69543"
5	REF-5	REF-5	298268.807	2422865.874	88°02'50.27177"
6	REF-6	REF-6	298276.621	2422866.152	88°02'50.54383"
7	REF-7	REF-7	298274.912	2422833.982	88°02'50.49855"
8	REF-8	REF-8	298282.223	2422832.218	88°02'50.75398"
9	REF-9	REF-9	298271.053	2422844.556	88°02'50.38602"
10	REF-10	REF-10	298277.339	2422782.217	88°02'50.60600"
11	REF-11	REF-11	298263.172	2422774.728	88°02'50.13155"
12	REF-12	REF-12	298260.164	2422769.084	88°02'50.32683"
13	REF-13	REF-13	298240.319	2422757.698	88°02'49.32740"
14	REF-14	REF-14	298245.523	2422751.224	88°02'49.51153"
15	REF-15	REF-15	298223.379	2422737.037	88°02'48.74652"
16	REF-16	REF-16	298223.623	2422733.243	88°02'48.96569"
17	REF-17	REF-17	298205.261	2422706.845	88°02'48.13229"
18	REF-18	REF-18	298212.913	2422704.499	88°02'48.39639"
19	REF-19	REF-19	298186.952	2422659.189	88°02'47.51222"
20	REF-20	REF-20	298184.573	2422658.998	88°02'47.77164"
21	REF-21	REF-21	298178.067	2422612.282	88°02'47.22580"
22	REF-22	REF-22	298185.485	2422612.017	88°02'47.48199"
23	REF-23	REF-23	298177.863	2422587.131	88°02'47.22754"
24	REF-24	REF-24	298188.846	2422587.563	88°02'47.60999"
25	REF-25	REF-25	298187.854	2422530.486	88°02'47.60508"
26	REF-26	REF-26	298194.858	2422522.904	88°02'47.84794"
27	REF-27	REF-27	298200.360	2422494.764	88°02'48.05207"
28	REF-28	REF-28	298208.453	2422499.593	88°02'48.33180"
29	REF-29	REF-29	298207.387	2422479.497	88°02'48.30358"
30	REF-30	REF-30	298216.601	2422477.385	88°02'48.62388"
31	REF-31	REF-31	298210.968	2422454.454	88°02'48.43940"
32	REF-32	REF-32	298218.466	2422454.692	88°02'48.70044"
33	REF-33	REF-33	298219.292	2422373.898	88°02'47.78974"
34	REF-34	REF-34	298198.439	2422409.490	88°02'48.04884"
35	REF-35	REF-35	298129.170	2422116.063	88°02'45.61081"
36	REF-36	REF-36	298136.975	2422114.169	88°02'45.92433"
37	REF-37	REF-37	298119.142	2422200.234	88°02'45.31380"
38	REF-38	REF-38	298128.189	2422199.294	88°02'45.62844"
39	REF-39	REF-39	298110.924	2422129.266	88°02'45.33039"
40	REF-40	REF-40	298118.329	2422249.525	88°02'45.30352"
41	REF-41	REF-41	298069.166	2422225.193	88°02'43.60195"
42	REF-42	REF-42	298076.817	2422222.231	88°02'43.86075"
43	REF-43	REF-43	298044.987	2422191.033	88°02'42.74011"
44	REF-44	REF-44	298053.521	2422190.425	88°02'42.07233"
45	REF-45	REF-45	298024.990	2422155.383	88°02'42.09426"
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47	REF-47	REF-47	297999.697	2422107.530	88°02'40.92106"
48	REF-48	REF-48	297985.520	2422103.511	88°02'41.03508"
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50	REF-50	REF-50	297962.818	2422081.332	88°02'39.96165"
51	REF-51	REF-51	297915.462	2422061.655	88°02'38.32096"
52	REF-52	REF-52	297921.653	2422057.231	88°02'38.53855"
53	REF-53	REF-53	297859.504	2421996.954	88°02'36.40066"
54	REF-54	REF-54	297917.113	2422043.103	88°02'38.38671"
55	REF-55	REF-55	297893.964	2422021.346	88°02'37.59066"
56	REF-56	REF-56	297898.186	2422105.250	88°02'37.73985"
57	REF-57	REF-57	297856.977	2421984.158	88°02'36.30946"
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61	REF-61	REF-61	297796.346	2421954.343	88°02'34.21082"
62	REF-62	REF-62	297801.594	2421948.749	88°02'34.40194"
63	REF-63	REF-63	297740.139	2421931.077	88°02'33.38394"
64	REF-64	REF-64	297753.073	2421924.294	88°02'32.72597"
65	REF-65	REF-65	297700.863	2421881.324	88°02'32.92660"
66	REF-66	REF-66	297702.662	2421878.038	88°02'31.16488"
67	REF-67	REF-67	297668.010	2421837.817	88°02'30.76997"
68	REF-68	REF-68	297609.538	2421864.341	88°02'30.88798"
69	REF-69	REF-69	297611.448	2421773.944	88°02'27.86003"
70	REF-70	REF-70	297608.355	2421773.727	88°02'27.75240"
71	REF-71	REF-71	297599.392	2421766.870	88°02'27.44236"
72	REF-72	REF-72	297601.860	2421764.340	88°02'27.53065"
73	REF-73	REF-73	297580.442	2421742.156	88°02'26.79426"
74	REF-74	REF-74	297558.564	2421712.544	88°02'26.04540"
75	REF-75	REF-75	297538.239	2421693.783	88°02'25.34584"
76	REF-76	REF-76	297523.551	2421677.201	88°02'24.84160"
77	REF-77	REF-77	297525.082	2421675.041	88°02'24.88997"
78	REF-78	REF-78	297510.908	2421649.914	88°02'24.41342"
79	REF-79	REF-79	297504.297	2421653.539	88°02'24.18155"
80	REF-80	REF-80	297499.044	2421593.822	88°02'24.02514"
81	REF-81	REF-81	297491.630	2421595.131	88°02'23.76630"
82	REF-82	REF-82	297487.466	2421557.587	88°02'23.63801"
83	REF-83	REF-83	297480.532	2421560.789	88°02'23.39088"
84	REF-84	REF-84	297477.540	2421548.967	88°02'23.29612"
85	REF-85	REF-85	297470.797	2421524.495	88°02'23.07215"

DGPS survey of forest areas proposed for diversion for improvement of DMF Road from Kendughati to Jamudhih in Sundargarh District has been carried out by the Executive Engineer, R.W. Division, Rourkela through M/s Maptech Solutions Pvt. Ltd., Bhubaneswar.

DGPS survey co-ordinates are verified by ORSAC. Also maps showing forest areas proposed for diversion are verified with geo-referenced cadastral sheets/surveyed points (for R.F. areas) and compared with Ortho-rectified Cartosat Satellite image and found that maps are correct at a confidence level of 95%.

All the forest areas proposed for diversion comes in 3 Cadastral sheets in 2 Revenue villages and 3 no. of R.F. patches in Amaruhi R.F. Total forest area proposed for diversion works out to 1.495 Ha. includes 0.366 Ha. Revenue forest area and 1.129 Ha. R.F. area from the submitted shp files against allotted area of 1.485 Ha. (0.366 Ha. Revenue forest area and 1.119 Ha. R.F. area) as mentioned in the submitted land schedule.

Attached 4 no. of map sheets showing Cadastral sheet wise Revenue forest area and patch wise R.F. areas proposed for diversion are attached herewith.



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