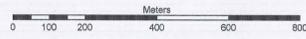


INDEX MAP SHOWING DGPS SURVEYED FOREST LAND OF VILLAGE - SANDHAKUD PROPOSED FOR DIVERSION REQUIRED FOR DEVELOPMENT OF OUTER HARBOUR INNER HARBOUR INCLUDING WESTERN DOCK & MECHANIZATION OF EXISTING OPERATIONAL BERTHS BY M/s PARADIP PORT TRUST, TAHASIL KUJANGA IN JAGATSINGHPUR DISTRICT, ODISHA



SCALE - 1:6,000



DGPS OBSERVATION CO-ORDINATES OF FOREST PILLARS						
SL.NO	DGPS ID	MAP ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	RD-1a	P1	463668.201	2242889.796	E86°39'07.38553"	N20°17'00.52288"
2	RD-2a	P2	463694.155	2242939.903	E86°39'08.27670"	N20°17'02.15467"
3	RD-3	P3	463724.124	2242862.120	E86°39'09.31557"	N20°16'59.62637"
4	RD-4	P4	463762.908	2242906.989	E86°39'10.64946"	N20°17'01.08864"
5	RD-5	P5	463853.016	2242864.844	E86°39'13.75913"	N20°16'59.72381"
6	RD-6	P6	463825.922	2242812.299	E86°39'12.82884"	N20°16'58.01264"
7	RD-7	P7	463829.872	2242810.308	E86°39'12.96514"	N20°16'57.94815"
8	RD-8	P8	463885.281	2242765.019	E86°39'14.87872"	N20°16'56.47865"
9	RD-9	P9	463946.577	2242823.753	E86°39'16.98776"	N20°16'58.39348"
10	RD-11	P10	463962.029	2242769.113	E86°39'17.52443"	N20°16'56.61703"
11	RD-12	P11	463896.025	2242715.201	E86°39'15.25273"	N20°16'54.85877"
12	RD-13	P12	463977.308	2242717.338	E86°39'18.05491"	N20°16'54.93383"
13	RD-15	P13	464001.929	2242666.957	E86°39'18.90738"	N20°16'53.29658"
14	RD-12a	P14	463932.598	2242631.635	E86°39'16.51967"	N20°16'52.14284"
15	RD-17	P15	464019.614	2242631.544	E86°39'19.51964"	N20°16'52.14577"
16	RD-19	P16	464051.743	2242567.599	E86°39'20.63189"	N20°16'50.06780"
17	RD-21	P17	464076.564	2242518.686	E86°39'21.49113"	N20°16'48.47832"
18	RD-20	P18	464023.260	2242404.197	E86°39'19.66165"	N20°16'44.75031"
19	RD-22	P19	464117.614	2242436.190	E86°39'22.91231"	N20°16'45.79747"
20	RD-24	P20	464186.878	2242298.286	E86°39'25.31009"	N20°16'41.31605"
21	RD-25	P21	464237.597	2241982.011	E86°39'27.08124"	N20°16'31.03090"
22	RD-35	P21	464641.398	2241402.051	E86°39'41.04314"	N20°16'12.19157"
23	RD-26	P22	464345.059	2241981.292	E86°39'30.78603"	N20°16'31.01475"
24	RD-27	P23	464301.730	2241854.659	E86°39'29.30130"	N20°16'26.89239"
25	RD-29	P24	464371.356	2241717.767	E86°39'31.71135"	N20°16'22.44392"
26	RD-31	P25	464388.266	2241683.598	E86°39'32.29674"	N20°16'21.33552"
27	RD-32	P26	464424.630	2241659.603	E86°39'33.55207"	N20°16'20.55339"
28	RD-30	P27	464482.354	2241699.795	E86°39'35.53921"	N20°16'21.86671"
29	RD-34	P28	464531.112	2241612.339	E86°39'37.22628"	N20°16'19.02499"
30	RD-33	P29	464514.646	2241487.344	E86°39'36.66749"	N20°16'14.95772"
31	RD-36	P30	464592.249	2241373.599	E86°39'39.35080"	N20°16'11.26271"
32	RD-39	P32	464667.773	2241355.516	E86°39'41.95567"	N20°16'10.67950"
33	RD-37	P33	464639.335	2241276.638	E86°39'40.98087"	N20°16'08.11168"
34	RD-38	P34	464644.919	2241279.172	E86°39'41.17321"	N20°16'08.19448"
35	RD-40	P35	464694.072	2241306.781	E86°39'42.86571"	N20°16'09.09588"
36	RD-41	P36	464707.003	2241151.412	E86°39'43.32244"	N20°16'04.04251"
37	RD-41	P37	464762.016	2241169.225	E86°39'45.21768"	N20°16'04.62564"
38	RD-43	P38	464766.168	2241026.421	E86°39'45.37085"	N20°15'59.98042"
39	RD-44	P39	464820.292	2241053.089	E86°39'47.23478"	N20°16'00.85153"
40	RD-45	P40	464807.069	2240947.446	E86°39'46.78637"	N20°15'57.41403"
41	RD-46	P41	464862.973	2240970.590	E86°39'48.71190"	N20°15'58.17062"
42	RD-47	P42	464864.926	2240834.661	E86°39'48.78875"	N20°15'53.74891"
43	RD-48	P43	464919.978	2240860.503	E86°39'50.68473"	N20°15'54.59322"
44	RD-49	P44	464921.822	2240726.940	E86°39'50.75764"	N20°15'50.24846"
45	RD-50	P45	464976.276	2240751.830	E86°39'52.63305"	N20°15'51.06172"
46	RD-51	P46	464970.777	2240629.948	E86°39'52.45202"	N20°15'47.09648"
47	RD-52	P47	465029.291	2240648.854	E86°39'54.46782"	N20°15'47.71536"
48	RD-53	P48	465034.858	2240507.473	E86°39'54.66958"	N20°15'43.11651"
49	RD-54	P49	465090.908	2240528.205	E86°39'56.60028"	N20°15'43.79462"
50	RD-55	P50	465061.016	2240469.838	E86°39'55.57392"	N20°15'41.89396"
51	RD-56	P51	465121.315	2240493.206	E86°39'57.65092"	N20°15'42.65808"
52	RD-57a	P52	465154.242	2240385.578	E86°39'58.79346"	N20°15'39.15907"
53	RD-58a	P53	465193.305	2240428.984	E86°40'00.13699"	N20°15'40.57363"
54	P-3	P54	464655.082	2241827.428	E86°39'41.48486"	N20°16'26.03020"
55	P-1	P55	465007.554	2241796.212	E86°39'53.63836"	N20°16'25.03810"
56	P-12	P56	465197.235	2242184.548	E86°40'00.15053"	N20°16'37.68331"
57	P-11	P57	465310.644	2242380.280	E86°40'04.04676"	N20°16'44.05800"
58	P-8	P58	464639.829	2242592.002	E86°39'40.90504"	N20°16'50.90115"
59	P-7	P59	464448.713	2242652.918	E86°39'34.31180"	N20°16'52.87000"
60	P-6	P60	464262.120	2242324.811	E86°39'27.90221"	N20°16'42.18401"

DERIVED CO-ORDINATES OF VILLAGE FOREST POINT					
SL.NO.	POINT ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	FO.1	463684.310	2242881.824	E86° 39' 7.942"	N20° 17' 0.265"
2	FO.2	463813.102	2242883.513	E86° 39' 12.382"	N20° 17' 0.328"
3	FO.3	465004.840	2242476.798	E86° 39' 53.497"	N20° 16' 47.178"
4	FO.4	464742.778	2241075.834	E86° 39' 44.561"	N20° 16' 1.586"
5	FO.5	464808.109	2241077.367	E86° 39' 46.813"	N20° 16' 1.641"
6	FO.6	465018.382	2240670.044	E86° 39' 54.090"	N20° 15' 48.404"
7	FO.7	465018.838	2240538.091	E86° 39' 54.115"	N20° 15' 44.111"



- DGPS survey of forest areas proposed for diversion for development of Outer Harbour, Inner Harbour including Western Dock & Mechanization of existing operational berths of J.P. Paradip Port Trust has been carried out by the surveying through M/s. Maptech Solutions Pvt. Ltd., Bhubaneswar.

- DGPS survey coordinates are verified by CRAC. All maps showing forest areas proposed for diversion are verified with geo-referenced cadastral sheets/imagery and compared with ortho-rectified Comsat Satellite Image and found that maps are correct at a confidence level of 95%.

- Total forest areas proposed for diversion comes under Revenue forest area. In five cadastral sheets of village Sandhakeuda and work out to 75.635 Ha. Approximate submitted set of files against the allotted area of 75.635 Ha. as mentioned in the submitted land schedule.

- Additional five map sheets showing cadastral sheets of forest areas proposed for diversion are collected here with.



AREA STATISTICS OF FOREST LAND PROPOSED FOR DIVERSION							
SL.NO	VILLAGE	PATCH	PLOT	KISAM	PROPOSED AREA (Hectare)	MAP AREA (Hectare)	MAP AREA (Acres)
1			6		0.422	0.422	1.043
2			8		7.579	7.579	18.729
3			9		1.802	1.802	4.452
4			10		7.523	7.523	18.589
5	SANDHAKUDA	PATCH-1	48	JUNGLE-2	1.857	1.857	4.588
6			49		0.237	0.237	0.587
7			187		1.351	1.351	3.338
8			189		0.614	0.614	1.518
SUB TOTAL (A)					21.388	21.388	52.844
1			10		37.180	37.180	91.825
2	SANDHAKUDA	PATCH-2	50	JUNGLE-2	7.065	7.065	17.457
3			51		2.078	2.078	5.134
4			51		7.947	7.947	19.638
SUB TOTAL (B)					54.250	54.250	134.054
GRAND TOTAL (A+B)					75.635	75.635	186.898

LEGEND

- DGPS OBSERVATION CO-ORDINATES OF FOREST POINT
- OUTER HARBOUR BOUNDARY
- FOREST LAND PROPOSED FOR DIVERSION

DGPS SURVEY CONDUCTED & MAP PREPARED BY:

MAPTECH SOLUTIONS PVT.LTD.
N-5111, GROUND FLOOR
JAYDEV VIHAR BHUBANESWAR