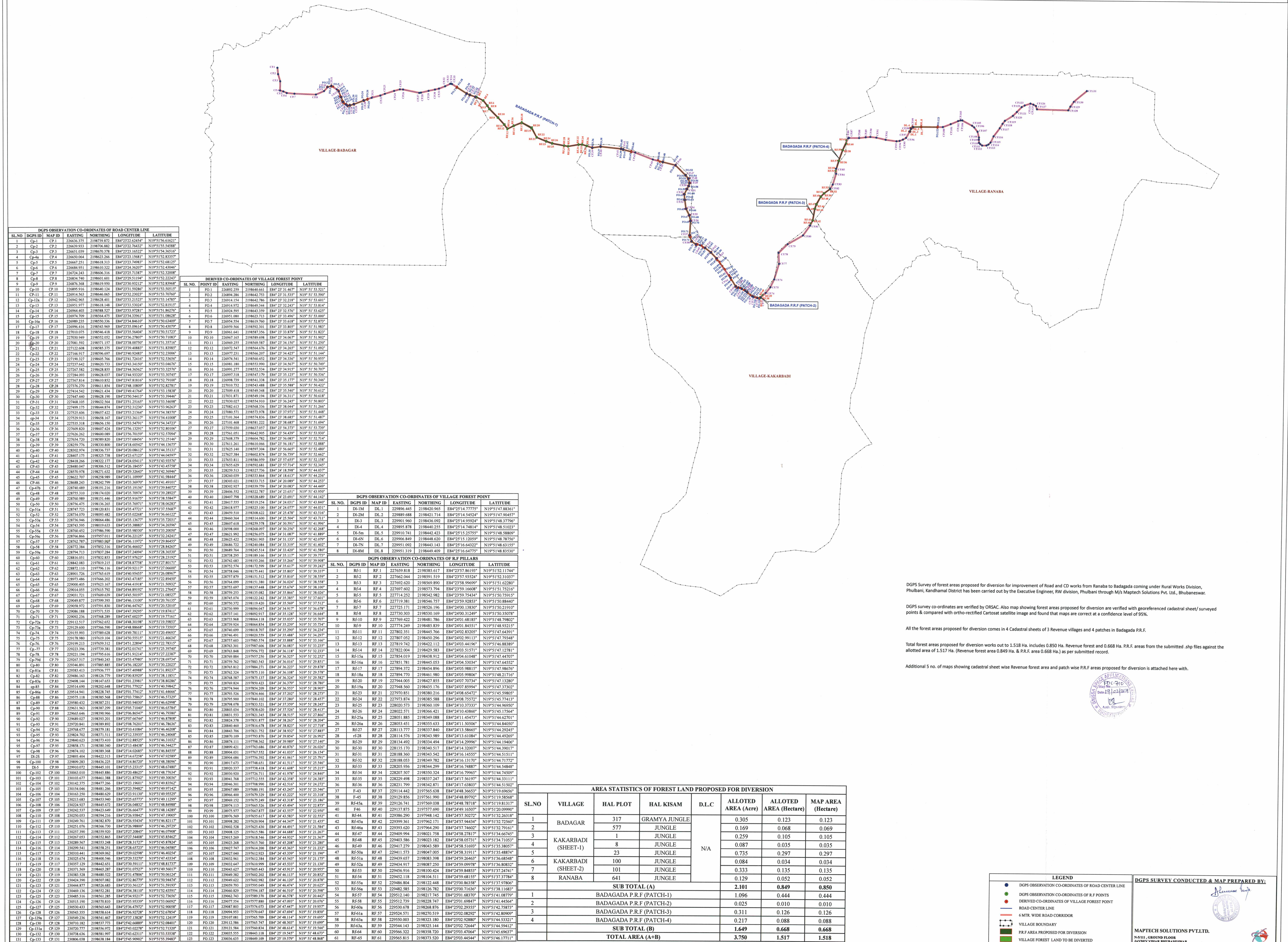
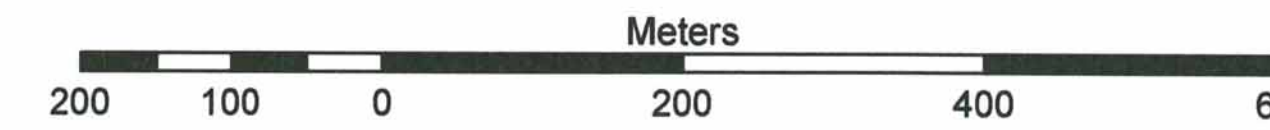


INDEX MAP SHOWING DGPS SURVEYED FOREST LAND PROPOSED FOR DIVERSION FOR CONSTRUCTION OF PMGSY ROAD FROM RANABA TO BADAGADA UNDER R.W DIVISION,PHULBANI

SCALE:1:5,000



DGPS OBSERVATION CO-ORDINATES OF ROAD CENTER LINE				
SL.NO	DGPS ID	MAP ID	EASTING	NORTHING
1	Cp-1	226636.375	219879.872	219879.872
2	Cp-2	226639.853	219876.882	219876.882
3	Cp-3	226651.039	219870.378	219870.378
4	Cp-4	226650.064	2198623.266	2198623.266
5	Cp-5	226667.251	2198618.313	2198618.313
6	Cp-6	226664.951	2198610.322	2198610.322
7	Cp-7	226724.243	2198606.316	2198606.316
8	Cp-8	22684.740	2198601.601	2198601.601
9	Cp-9	226876.368	2198619.950	2198619.950
10	Cp-10	226895.916	2198640.124	2198640.124
11	Cp-11	226914.563	2198646.065	2198646.065
12	Cp-12a	226945.965	2198628.401	2198628.401
13	Cp-13	226912.577	2198618.148	2198618.148
14	Cp-14	226964.403	2198588.527	2198588.527
15	Cp-15	226974.709	2198564.475	2198564.475
16	Cp-16a	226989.255	2198550.326	2198550.326
17	Cp-17	226964.416	2198441.989	2198441.989
18	Cp-18	227010.075	2198456.418	2198456.418
19	Cp-19	227030.949	2198552.052	2198552.052
20	Cp-20	227081.592	2198571.157	2198571.157
21	Cp-21	227122.608	2198585.375	2198585.375
22	Cp-22	227166.917	2198596.697	2198596.697
23	Cp-23	227190.327	2198605.766	2198605.766
24	Cp-24	227237.642	2198620.753	2198620.753
25	Cp-25	227267.582	2198628.855	2198628.855
26	Cp-26	227284.093	2198628.037	2198628.037
27	Cp-27	227287.814	2198610.852	2198610.852
28	Cp-28	227276.270	2198611.854	2198611.854
29	Cp-29	227414.542	2198621.434	2198621.434
30	Cp-30	227447.440	2198628.190	2198628.190
31	Cp-31	227447.554	2198622.564	2198622.564
32	Cp-32	227499.175	2198644.874	2198644.874
33	Cp-33	227525.606	2198657.422	2198657.422
34	Cp-34	227529.913	2198658.167	2198658.167
35	Cp-35	227535.318	2198656.150	2198656.150
36	Cp-36	227699.820	2198607.424	2198607.424
37	Cp-37	227626.262	2198600.089	2198600.089
38	Cp-38	227624.720	2198599.820	2198599.820
39	Cp-39	228576.776	2198538.800	2198538.800
40	Cp-40	228502.974	2198536.737	2198536.737
41	Cp-41	228407.175	2198525.738	2198525.738
42	Cp-42	228418.286	2198522.177	2198522.177
43	Cp-43	228407.487	2198506.512	2198506.512
44	Cp-44	228570.978	2198501.632	2198501.632
45	Cp-45	228622.707	2198528.989	2198528.989
46	Cp-46	228682.243	2198424.799	2198424.799
47	Cp-47a	228740.489	2198191.216	2198191.216
48	Cp-48	228755.310	2198174.020	2198174.020
49	Cp-49	228760.989	2198151.446	2198151.446
50	Cp-50	22856.475	2198136.365	2198136.365
51	Cp-51a	228747.723	2198120.831	2198120.831
52	Cp-52	228734.070	2198093.482	2198093.482
53	Cp-53a	228736.966	2198084.486	2198084.486
54	Cp-54	228741.365	2198019.633	2198019.633
55	Cp-55a	228760.452	2197986.590	2197986.590
56	Cp-56	228766.866	2197957.011	2197957.011
57	Cp-57	228762.787	2197953.907	2197953.907
58	Cp-58	228772.384	2197952.384	2197952.384
59	Cp-59a	228794.713	2197957.284	2197957.284
60	Cp-60	228816.051	2197952.853	2197952.853
61	Cp-61	228845.063	2197912.215	2197912.215
62	Cp-62	228872.110	2197976.116	2197976.116
63	Cp-63	228801.726	2197765.619	2197765.619
64	Cp-64	228753.486	2197666.202	2197666.202
65	Cp-65	228761.167	2197644.41918	2197644.41918
66	Cp-66	229014.055	2197615.792	2197615.792
67	Cp-67	229031.721	2197609.639	2197609.639
68	Cp-68	229047.827	2197599.335	2197599.335
69	Cp-69	229058.972	2197591.830	2197591.830
70	Cp-70	229086.188	2197571.535	2197571.535
71	Cp-71	229092.256	2197568.289	2197568.289
72	Cp-72	229112.517	2197562.652	2197562.652
73	Cp-73a	229129.637	2197566.590	2197566.590
74	Cp-74	229155.993	2197589.628	2197589.628
75	Cp-75	229178.980	2197619.104	2197619.104
76	Cp-76	229192.125	2197638.312	2197638.312
77	Cp-77	229223.366	2197739.381	2197739.381
78	Cp-78	229221.134	2197756.616	2197756.616
79	Cp-79a	229257.571	2197801.240	2197801.240
80	Cp-80	229246.801	2197785.885	2197785.885
81	Cp-81a	229385.413	2197936.777	2197936.777
82	Cp-82	229463.165	2197926.779	2197926.779
83	Cp-83	229481.653	2197920.2981	2197920.2981
84	Cp-84	229514.690	2198020.648	2198020.648
85	Cp-85a	229514.941	2198228.745	2198228.745
86	Cp-86	229575.118	2198355.568	2198355.568
87	Cp-87	229580.423	2198387.231	2198387.231
88	Cp-88	229631.963	2198387.299	2198387.299
89	Cp-89	229653.646	2198390.966	2198390.966
90	Cp-90	229689.027	2198391.201	2198391.201
91	Cp-91	229701.841	2198388.892	2198388.892
92	Cp-92	229768.677	2198379.181	2198379.181
93	Cp-93	229824.702	2198371.511	2198371.511
94	Cp-94	229860.625	2198371.410	2198371.410
95	Cp-95	229858.171	2198380.340	2198380.340
96	Cp-96	229874.102	2198380.368	2198380.368
97	DL-25	229893.404	2198423.514	2198423.514
98	Cp-98	229992.135	2198426.225	2198426.225
99	DL-5	229910.072	2198445.101	2198445.101
100	Cp-100	229963.100	2198445.886	2198445.886
101	Cp-101	230013.677	2198461.388	2198461.388
102	Cp-102	230142.175	2198477.266	2198477.266
103	Cp-103	230144.466	2198481.266	2198481.266
104	Cp-104	230163.250	2198480.629	2198480.629
105	Cp-105	230173.683	2198495.940	2198495.940
106	Cp-106	230224.927	2198495.077	2198495.077
107	Cp-107	230242.537	2198495.667	2198495.667
108	Cp-108	230250.053	2198494.216	2198494.216
109	Cp-109	230280.761	2198493.870	2198493.870
110	Cp-110	230251.076	2198496.730	2198496.730
111	Cp-111	230257.390	2198495.920	2198495.920
112	Cp-112	230273.053	2198495.865	2198495.865
113	Cp-113	230288.567	2198495.248	2198495.248
114	Cp-114	230299.541	2198495.573	2198495.573
115	Cp-115	230301.441	2198496.062	2198496.062
116	Cp-116	230325.674	2198495.527	2198495.527
117	Cp-117	230327.129	2198495.911	2198495.911
118	Cp-118	230331.569	2198496.287	2198496.287
119	Cp-119	230383.528	2198495.522	2198495.522
120	Cp-120	230402.622	2198495.083	2198495.083
121	Cp-121	230444.877	2198495.683	2198495.683
122	Cp-122	230469.136	2198495.281	2198495.281
123	Cp-123	230483.516	2198495.285	2198495.285
124	Cp-124	230510.182	2198497.266	2198497.266
125	Cp-125	230530.443	2198495.643	2198495.643
126	Cp-126	230433.345	2198495.614	2198495.614
127	Cp-127	230439.236	2198494.467	2198494.467
128	Cp-128	230470.182	2198495.773	2198495.773
129	Cp-129	230470.777	2198495.972	2198495.972
130	Cp-130	230738.636	2198495.621	2198495.621
131	Cp-131	230806.038	2198496.184	2198496.184

AREA STATISTICS OF FOREST LAND PROPOSED FOR DIVERSION						
SL.NO	VILLAGE	HAL PLOT	HAL KISAM	D.L.C	ALLOTTED AREA (Acre)	ALLOTTED AREA (Hectare)
1	BADAGAR	317	GRAMYA JUNGLE		0.305	0.123
2		577	JUNGLE		0.169	0.068
3		1	JUNGLE		0.259	0.105
4	KAKARABADI (SHEET-1)	8	JUNGLE	N/A	0.087	0.035
5		23	JUNGLE		0.735	0.297
6	KAKARABADI (SHEET-2)	100	JUNGLE		0.084	0.034
7		101	JUNGLE		0.333	0.135
8	RANABA	641	JUNGLE		0.129	0.052
SUB TOTAL (A)					2.101	0.849
1	BADAGADA P.R.F (PATCH-1)				1.096	0.444
2	BADAGADA P.R.F (PATCH-2)				0.025	0.010
3	BADAGADA P.R.F (PATCH-3)				0.311	0.126
4	BADAGADA P.R.F (PATCH-4)				0.217	0.088
SUB TOTAL (B)					1.649	0.668
TOTAL AREA (A+B)					3.750	1.517

DGPS Survey of forest areas proposed for diversion for improvement of Road and CD works from Ranaba to Badagada coming under Rural Works Division, Phulbani, Kandhamal District has been carried out by the Executive Engineer, RW division, Phulbani through M/S Maptech Solutions Pvt. Ltd., Bhubaneswar.

DGPS Survey co-ordinates are verified by ORSAC. Also map showing forest areas proposed for diversion are verified with georeferenced cadastral sheet/ surveyed points & compared with orthorectified Cartosat satellite image and found that maps are correct at a confidence level of 95%.

All the forest areas proposed for diversion comes in 4 Cadastral sheets of 3 Revenue villages and 4 patches in Badagada P.R.F.

Total forest areas proposed for diversion works out to 1.518 Ha. Includes 0.850 Ha. Revenue forest and 0.668 Ha. P.R.F. areas from the submitted .shp files against the allotted area of 1.517 Ha. (Revenue forest area 0.849 Ha. & P.R.F. area 0.668 Ha.) as per submitted record.

Additional 5 no. of maps showing cadastral sheet wise Revenue forest area and patch wise P.R.F areas proposed for diversion is attached here with.



LEGEND

- DGPS OBSERVATION CO-ORDINATES OF ROAD CENTER LINE
- DGPS OBSERVATION CO-ORDINATES OF R.F. POINTS
- DERIVED CO-ORDINATES OF VILLAGE FOREST POINT
- ROAD CENTER LINE
- 6 MTR. WIDE ROAD CORRIDOR
- FOREST BOUNDARY
- P.R.F. AREA PROPOSED FOR DIVERSION
- VILLAGE FOREST: LAND TO BE DIVERTED

DGPS SURVEY CONDUCTED & MAP PREPARED BY:

MAPTECH SOLUTIONS PVT.LTD.

N-011, GROUND FLOOR

JAYDEV VIBHU BHANUSWAR