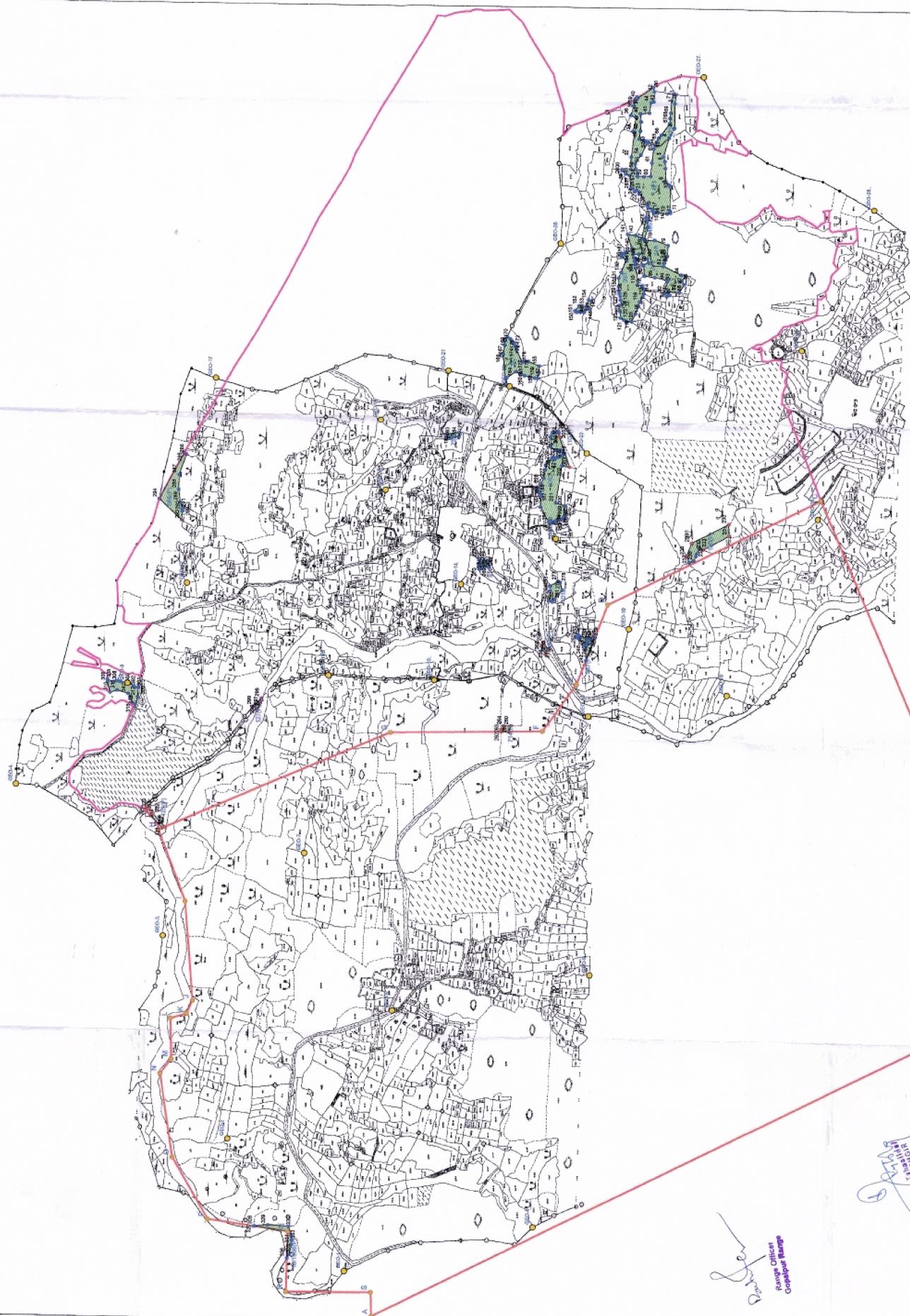


INDEX MAP SHOWING DGPS/ETS SURVEY OF FOREST AREAS PROPOSED FOR DIVERSION(15.701 HA) FOR MINING ACTIVITIES OF M/S.ODISHA COAL & POWER LTD. IN VILLAGES DULINGA,GHUMUDASAN AND MANOHARPUR UNDER HEMGIRI TAHSIL OF SUNDERGARH DISTRICT



1:6,000



S.NO	NAME	COORDINATE POINTS	COORDINATE POINTS
0	GE01	84.11911317	17.70054077
1	GE02	84.11911317	17.70054077
2	GE03	84.11911317	17.70054077
3	GE04	84.11911317	17.70054077
4	GE05	84.11911317	17.70054077
5	GE06	84.11911317	17.70054077
6	GE07	84.11911317	17.70054077
7	GE08	84.11911317	17.70054077
8	GE09	84.11911317	17.70054077
9	GE10	84.11911317	17.70054077
10	GE11	84.11911317	17.70054077
11	GE12	84.11911317	17.70054077
12	GE13	84.11911317	17.70054077
13	GE14	84.11911317	17.70054077
14	GE15	84.11911317	17.70054077
15	GE16	84.11911317	17.70054077
16	GE17	84.11911317	17.70054077
17	GE18	84.11911317	17.70054077
18	GE19	84.11911317	17.70054077
19	GE20	84.11911317	17.70054077
20	GE21	84.11911317	17.70054077
21	GE22	84.11911317	17.70054077
22	GE23	84.11911317	17.70054077
23	GE24	84.11911317	17.70054077
24	GE25	84.11911317	17.70054077
25	GE26	84.11911317	17.70054077
26	GE27	84.11911317	17.70054077
27	GE28	84.11911317	17.70054077

S.NO	NAME	COORDINATE POINTS	COORDINATE POINTS
1	GE01	84.11911317	17.70054077
2	GE02	84.11911317	17.70054077
3	GE03	84.11911317	17.70054077
4	GE04	84.11911317	17.70054077
5	GE05	84.11911317	17.70054077
6	GE06	84.11911317	17.70054077
7	GE07	84.11911317	17.70054077
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11	GE11	84.11911317	17.70054077
12	GE12	84.11911317	17.70054077
13	GE13	84.11911317	17.70054077
14	GE14	84.11911317	17.70054077
15	GE15	84.11911317	17.70054077
16	GE16	84.11911317	17.70054077
17	GE17	84.11911317	17.70054077
18	GE18	84.11911317	17.70054077
19	GE19	84.11911317	17.70054077
20	GE20	84.11911317	17.70054077

S.NO	NAME	COORDINATE POINTS	COORDINATE POINTS
1	GE01	84.11911317	17.70054077
2	GE02	84.11911317	17.70054077
3	GE03	84.11911317	17.70054077
4	GE04	84.11911317	17.70054077
5	GE05	84.11911317	17.70054077
6	GE06	84.11911317	17.70054077
7	GE07	84.11911317	17.70054077
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10	GE10	84.11911317	17.70054077
11	GE11	84.11911317	17.70054077
12	GE12	84.11911317	17.70054077
13	GE13	84.11911317	17.70054077
14	GE14	84.11911317	17.70054077
15	GE15	84.11911317	17.70054077
16	GE16	84.11911317	17.70054077
17	GE17	84.11911317	17.70054077
18	GE18	84.11911317	17.70054077
19	GE19	84.11911317	17.70054077
20	GE20	84.11911317	17.70054077

S.NO	Village Name	Area (Ha)	Proposed For Diversion	Total Area (Ha)
1	DULINGA	2.50	2.50	2.50
2	GHUMUDASAN	3.50	3.50	3.50
3	MANOHARPUR	3.50	3.50	3.50
4	DULINGA	2.50	2.50	2.50
5	GHUMUDASAN	3.50	3.50	3.50
6	MANOHARPUR	3.50	3.50	3.50
7	DULINGA	2.50	2.50	2.50
8	GHUMUDASAN	3.50	3.50	3.50
9	MANOHARPUR	3.50	3.50	3.50
10	DULINGA	2.50	2.50	2.50
11	GHUMUDASAN	3.50	3.50	3.50
12	MANOHARPUR	3.50	3.50	3.50
13	DULINGA	2.50	2.50	2.50
14	GHUMUDASAN	3.50	3.50	3.50
15	MANOHARPUR	3.50	3.50	3.50
16	DULINGA	2.50	2.50	2.50
17	GHUMUDASAN	3.50	3.50	3.50
18	MANOHARPUR	3.50	3.50	3.50
19	DULINGA	2.50	2.50	2.50
20	GHUMUDASAN	3.50	3.50	3.50
21	MANOHARPUR	3.50	3.50	3.50
22	DULINGA	2.50	2.50	2.50
23	GHUMUDASAN	3.50	3.50	3.50
24	MANOHARPUR	3.50	3.50	3.50
25	DULINGA	2.50	2.50	2.50
26	GHUMUDASAN	3.50	3.50	3.50
27	MANOHARPUR	3.50	3.50	3.50
28	DULINGA	2.50	2.50	2.50
29	GHUMUDASAN	3.50	3.50	3.50
30	MANOHARPUR	3.50	3.50	3.50
31	DULINGA	2.50	2.50	2.50
32	GHUMUDASAN	3.50	3.50	3.50
33	MANOHARPUR	3.50	3.50	3.50
34	DULINGA	2.50	2.50	2.50
35	GHUMUDASAN	3.50	3.50	3.50
36	MANOHARPUR	3.50	3.50	3.50
37	DULINGA	2.50	2.50	2.50
38	GHUMUDASAN	3.50	3.50	3.50
39	MANOHARPUR	3.50	3.50	3.50
40	DULINGA	2.50	2.50	2.50
41	GHUMUDASAN	3.50	3.50	3.50
42	MANOHARPUR	3.50	3.50	3.50
43	DULINGA	2.50	2.50	2.50
44	GHUMUDASAN	3.50	3.50	3.50
45	MANOHARPUR	3.50	3.50	3.50
46	DULINGA	2.50	2.50	2.50
47	GHUMUDASAN	3.50	3.50	3.50
48	MANOHARPUR	3.50	3.50	3.50
49	DULINGA	2.50	2.50	2.50
50	GHUMUDASAN	3.50	3.50	3.50
51	MANOHARPUR	3.50	3.50	3.50
52	DULINGA	2.50	2.50	2.50
53	GHUMUDASAN	3.50	3.50	3.50
54	MANOHARPUR	3.50	3.50	3.50
55	DULINGA	2.50	2.50	2.50
56	GHUMUDASAN	3.50	3.50	3.50
57	MANOHARPUR	3.50	3.50	3.50
58	DULINGA	2.50	2.50	2.50
59	GHUMUDASAN	3.50	3.50	3.50
60	MANOHARPUR	3.50	3.50	3.50
61	DULINGA	2.50	2.50	2.50
62	GHUMUDASAN	3.50	3.50	3.50
63	MANOHARPUR	3.50	3.50	3.50
64	DULINGA	2.50	2.50	2.50
65	GHUMUDASAN	3.50	3.50	3.50
66	MANOHARPUR	3.50	3.50	3.50
67	DULINGA	2.50	2.50	2.50
68	GHUMUDASAN	3.50	3.50	3.50
69	MANOHARPUR	3.50	3.50	3.50
70	DULINGA	2.50	2.50	2.50
71	GHUMUDASAN	3.50	3.50	3.50
72	MANOHARPUR	3.50	3.50	3.50
73	DULINGA	2.50	2.50	2.50
74	GHUMUDASAN	3.50	3.50	3.50
75	MANOHARPUR	3.50	3.50	3.50
76	DULINGA	2.50	2.50	2.50
77	GHUMUDASAN	3.50	3.50	3.50
78	MANOHARPUR	3.50	3.50	3.50
79	DULINGA	2.50	2.50	2.50
80	GHUMUDASAN	3.50	3.50	3.50
81	MANOHARPUR	3.50	3.50	3.50
82	DULINGA	2.50	2.50	2.50
83	GHUMUDASAN	3.50	3.50	3.50
84	MANOHARPUR	3.50	3.50	3.50
85	DULINGA	2.50	2.50	2.50
86	GHUMUDASAN	3.50	3.50	3.50
87	MANOHARPUR	3.50	3.50	3.50
88	DULINGA	2.50	2.50	2.50
89	GHUMUDASAN	3.50	3.50	3.50
90	MANOHARPUR	3.50	3.50	3.50
91	DULINGA	2.50	2.50	2.50
92	GHUMUDASAN	3.50	3.50	3.50
93	MANOHARPUR	3.50	3.50	3.50
94	DULINGA	2.50	2.50	2.50
95	GHUMUDASAN	3.50	3.50	3.50
96	MANOHARPUR	3.50	3.50	3.50
97	DULINGA	2.50	2.50	2.50
98	GHUMUDASAN	3.50	3.50	3.50
99	MANOHARPUR	3.50	3.50	3.50
100	DULINGA	2.50	2.50	2.50

Area Statistics of Forest Plot Proposed For Diversion

Area (Ha) = 15.701

Area (Acres) = 38.75

Area (Gaj) = 1,77,00,000

Area (Bigha) = 3,50,000

Area (Katha) = 70,000

Area (Mussam) = 14,000

Area (Aana) = 2,800

Area (Danda) = 560

Area (Panna) = 112

Area (Mud) = 22.4

Area (Satakahi) = 4.48

Area (Bigha) = 3,50,000

Area (Katha) = 70,000

Area (Mussam) = 14,000

Area (Aana) = 2,800

Area (Danda) = 560

Area (Panna) = 112

Area (Mud) = 22.4

Area (Satakahi) = 4.48

DGPRIS Survey of forest areas proposed for diversion for mining activities of M/S. Odisha Coal & Power Ltd. in Villages Dulinga and Manoharpur under Hemgiri Taluk of Sundergarh District has been carried out by the user agency through M/s. CEMC Pvt. Ltd., Bhubaneswar.

DGPRIS Survey Co-ordinates are verified by ORSAC. Also maps showing forest areas proposed for diversion are verified with geo-referenced aerial forest maps are compared with Corona rectified Cartosat Satellite image and found that maps are correct at a confidence level of 90%.

All the forest areas proposed for diversion comes under Revenue forest category, the submitted area files are correct and the area of 15.701 Ha, as mentioned in the submitted land schedule.

Additional 4 maps showing details of their wise forest areas proposed for diversion are attached herewith.

Range Officer
Sundergarh District

Manager (Survey)
Odisha Coal and Power Ltd.

Surveyed & Prepared by -
Centre for Envotech & Management
Consulancy Pvt. Ltd.
Bhubaneswar, Odisha

Legend

- MIL_Pillar
- GEOREFERENCE_POINTS
- DGPS_SURVEYED_FOREST_PILLAR
- ETS_SURVEYED_FOREST_PILLAR
- DERIVED_FOREST_BOUNDARY_PILLAR
- FOREST_PLOT
- OCPL_BOUNDARY
- PROJECT_BOUNDARY

Range Officer
Sundergarh District

Manager (Survey)
Odisha Coal and Power Ltd.

Manager (Survey)
Odisha Coal and Power Ltd.

Manager (Survey)
Odisha Coal and Power Ltd.