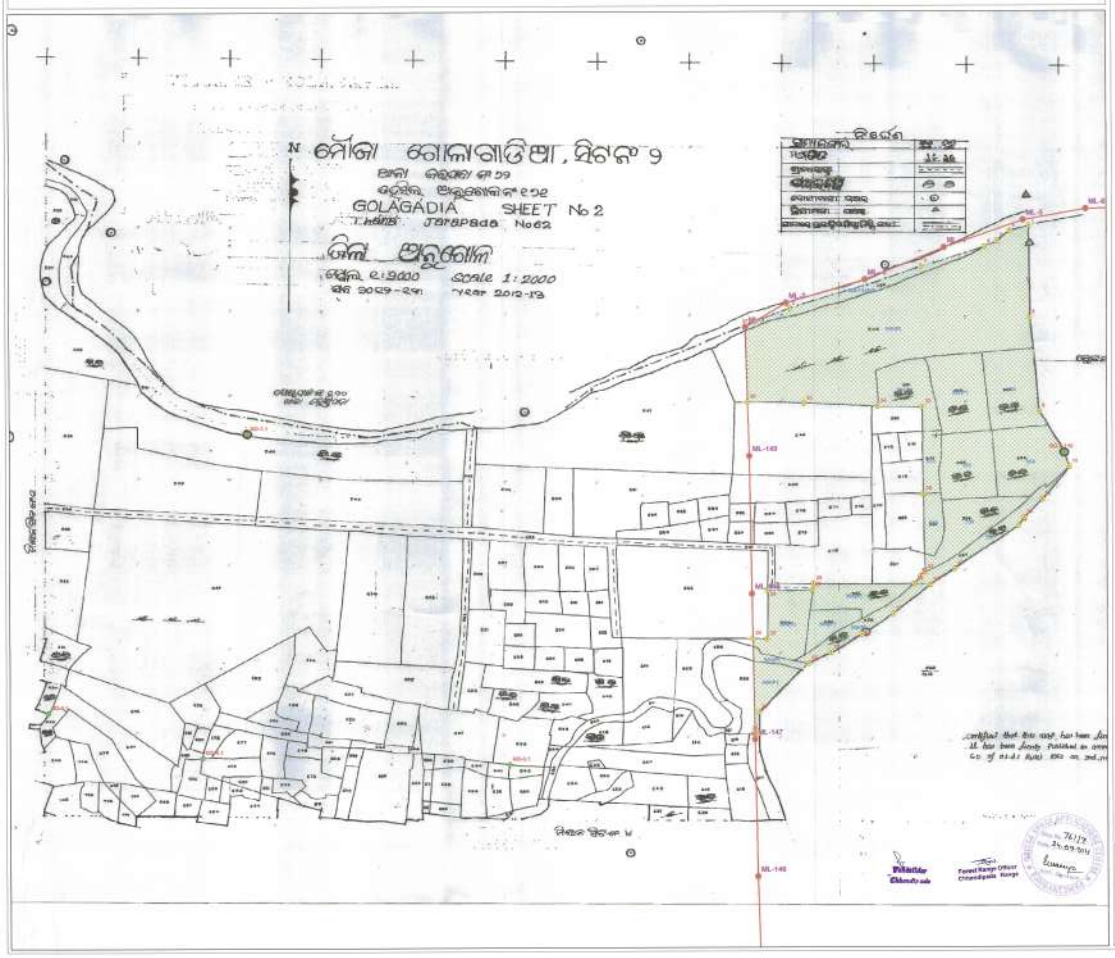
DGPS SURVEYED MAP SHOWING THE FOREST AREA TO BE DIVERTED WITHIN SUBHADRA OPEN CAST PROJECT IN VILLAGE GOLAGADIA(SHEET NO-2) OF M/S MAHANADI COAL FIELD LIMITED AT SUBHADRA AREA IN ANGUL DISTRICT.



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0 30 60 120 180 240
Meters

1:2,000

Legend

- DGPS SURVEYED GEO-REF COORDINATES
- DERIVED COORDINATES OF FOREST PILLAR POINTS
- BOUNDARY PILLARS
- REVENUE FOREST PATCHES
- BOUNDARY

DGPS SURVEYED POINTS USED FOR GEO-REFERENCING

SL_NO	POINT ID	EASTING	NORTHING	LONGITUDE	LATITUDE
1	GO-1.1	295285.253	2320537.215	84°58'23.9277"	20°38'24.2115"
2	GO-2.1	296176.314	2320502.345	84°58'54.5202"	20°38'23.0425"
3	GO-3.1	299666.073	2320148.96	84°58'31.4202"	20°38'11.7940"
4	GO-4.1	295234.529	2320191.809	84°58'31.8719"	20°38'11.9276"
5	GO-5.1	299067.464	2320116.365	84°58'16.9611"	20°38'15.0833"

DERIVED FOREST PATCH BOUNDARY COORDINATES

PILLAR_ID	LONGITUDE	LATITUDE	EASTING	NORTHING
1	84°58'42.7287"	20°38'28.4100"	295862.498	2320659.393
2	84°58'43.9980"	20°38'28.8030"	295895.391	2320673.721
3	84°58'45.9900"	20°38'30.4780"	295951.996	2320726.601
4	84°58'51.3490"	20°38'31.2880"	296095.491	2320761.163
5	84°58'51.8230"	20°38'31.4270"	296107.152	2320768.865
6	84°58'52.8477"	20°38'31.8070"	296125.762	2320790.374
7	84°58'53.0870"	20°38'32.0890"	296131.726	2320796.828
8	84°58'53.0350"	20°38'38.5860"	296131.128	2320996.312
9	84°58'53.3910"	20°38'39.9980"	296136.684	2320998.809
10	84°58'54.9980"	20°38'39.8460"	296176.742	2320992.272
11	84°58'54.5230"	20°38'23.8460"	296165.846	2320495.126
12	84°58'54.4900"	20°38'21.0610"	296161.345	2320447.955
13	84°58'54.8170"	20°38'20.9840"	296171.781	2320427.242
14	84°58'52.5880"	20°38'20.6860"	296125.333	2320417.611
15	84°58'50.1940"	20°38'20.0402"	296073.418	2320398.743
16	84°58'49.2050"	20°38'20.0407"	296048.485	2320399.480
17	84°58'47.0810"	20°38'17.5528"	296000.549	2320317.897
18	84°58'46.6590"	20°38'16.5817"	295993.476	2320284.118
19	84°58'45.5240"	20°38'15.0860"	295969.308	2320274.668
20	84°58'44.0900"	20°38'15.0890"	295935.844	2320260.994
21	84°58'42.8150"	20°38'14.6490"	295906.108	2320255.767
22	84°58'42.8390"	20°38'12.8820"	295906.888	2320188.703
23	84°58'42.6490"	20°38'12.8890"	295904.917	2320180.719
24	84°58'42.9850"	20°38'12.6860"	295914.142	2320190.845
25	84°58'43.1240"	20°38'10.4210"	295895.105	2320290.487
26	84°58'45.1980"	20°38'10.2520"	295951.173	2320296.720
27	84°58'46.8410"	20°38'10.2550"	295980.392	2320296.231
28	84°58'46.8720"	20°38'10.5030"	295981.525	2320305.851
29	84°58'46.6710"	20°38'10.4860"	295981.238	2320301.986
30	84°58'46.9080"	20°38'10.7780"	295988.688	2320306.922
31	84°58'49.0130"	20°38'10.5590"	296023.95	2320306.347
32	84°58'49.0280"	20°38'11.8780"	296022.618	2320346.14
33	84°58'48.8560"	20°38'15.0870"	296020.046	2320457.342
34	84°58'47.3380"	20°38'15.1890"	296000.496	2320459.420
35	84°58'46.9480"	20°38'15.3410"	296000.375	2320464.456
36	84°58'42.4180"	20°38'15.3090"	295933.013	2320465.061
37	84°58'42.3920"	20°38'18.1810"	295931.938	2320552.683

FOREST AREA STATISTICS

SL_NO	VILLAGE_NAME	PLOT_NO	RESERVE	ALLO_AR_AC	ALLO_AR_HA	MAP_AR_HA
1		548(P)	JUNGLE	0.68	1.2728	1.0868
2		548/1200(P	JUNGLE	0.48	0.8971	0.3346
3		551(P)	JUNGLE	0.895	0.362	0.9571
4		552(P)	JUNGLE	1.327	0.537	0.5383
5		553	JUNGLE	1.305	0.528	0.9087
6		554	JUNGLE	1.342	0.543	0.5424
7		555	JUNGLE	1.147	0.464	0.4546
8		556	JUNGLE	1.003	0.406	0.4088
9	GOLAGADIA	560	JUNGLE	0.353	0.143	0.1387
10		576	JUNGLE	0.341	0.138	0.137
11		580(P)	JUNGLE	0.573	0.2319	0.214
12		581(P)	JUNGLE	0.43	0.174	0.1731
13		586(P)	JUNGLE	0.729	0.295	0.2954
14		597	JUNGLE	0.608	0.25	0.2376
15		594(P)	FOREST(SABKI)	0.96	0.388	0.374
16		559(P)	FOREST(SABKI)	0.13	0.0005	0.0535
17		560(P)	FOREST(SABKI)	0.4	0.1619	0.1895
TOTAL				20.183	8.1875	8.2318

SURVEYED & PREPARED BY

AREAL CONSTRUCTIONS & GEO-INDIA SERVICES
BHUBANESWAR