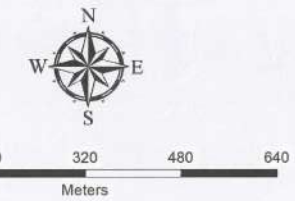
DGPS SURVEYED MAP SHOWING THE FOREST AREA TO BE DIVERTED WITHIN SUBHADRA OPEN CAST PROJECT IN VILLAGE CHHOTA BERINI OF M/S MAHANADI COAL FIELD LIMITED AT SUBHADRA AREA IN ANGUL DISTRICT.



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	CH-1.1	290178.909	2319839.941	84°58'54.69922"	20°58'01.90978"
2	CH-2.1	290749.465	2319920.773	84°59'14.41101"	20°58'04.77106"
3	CH-3.1	290881.257	2319555.09	84°59'19.13141"	20°57'52.93521"
4	CH-4.1	290974.474	2320204.055	84°59'22.07544"	20°58'14.07202"
5	CH-6.1	290508.856	2320633.136	84°59'05.77300"	20°58'27.83028"
6	KN-16.1	290149.199	2319774.512	84°58'53.69953"	20°57'59.77063"
7	KN-17.1	290639.716	2319649.212	84°59'10.73081"	20°57'55.89820"

DERIVED FOREST PATCH BOUNDARY COORDINATES

PILLAR_ID	LONGITUDE	LATITUDE	EASTING	NORTHING
1	84°58'50.39149"	20°58'18.40608"	290118.688	2320330.314
2	84°58'50.03033"	20°58'18.93004"	290103.664	2320352.209
3	84°58'50.30995"	20°58'16.21686"	290107.841	2320271.542
4	84°58'50.35948"	20°58'23.30955"	290110.464	2320480.33
5	84°58'50.77468"	20°58'21.49823"	290046.46	2320421.859
6	84°58'51.06832"	20°58'21.63671"	290273.183	2320425.247
7	84°58'50.38831"	20°58'20.21151"	290024.451	2320383.308
8	84°58'50.15833"	20°58'18.73954"	290015.282	2320334.825
9	84°58'50.211"E	20°58'17.18000"	290044.078	2320287.488
10	84°58'50.53898"	20°58'19.43614"	290019.054	2320254.226
11	84°58'50.22347"	20°58'13.89968"	290001.893	2320155.858
12	84°58'51.37242"	20°58'12.87058"	290076.324	2320205.371
13	84°58'51.31247"	20°58'10.85285"	290274.579	2320112.241
14	84°58'50.57178"	20°58'14.69146"	290353.277	2320210.53
15	84°58'50.86845"	20°58'14.47033"	290301.51	2320216.437
16	84°58'50.90140"	20°58'14.52038"	290287.777	2320215.738
17	84°58'50.95548"	20°58'14.13882"	290284.159	2320205.108
18	84°58'50.98604"	20°58'14.18998"	290283.203	2320206.558
19	84°58'50.90547"	20°58'15.13139"	290288.728	2320234.177
20	84°58'52.44824"	20°58'15.53314"	290118.175	2320245.457
21	84°58'52.54248"	20°58'19.83628"	290123.014	2320368.649
22	84°58'50.98110"	20°58'19.14828"	290180.834	2320345.553
23	84°58'50.85708"	20°58'17.43578"	290361.333	2320316.754
24	84°58'50.59998"	20°58'17.71191"	290331.341	2320326.462
25	84°58'50.50018"	20°58'17.88874"	290334.691	2320332.05
26	84°58'52.83758"	20°58'17.84893"	290119.181	2320330.948
27	84°58'52.80148"	20°58'21.67986"	290078.79	2320446.719
28	84°58'50.33135"	20°58'21.67000"	290335.918	2320446.317
29	84°58'50.18716"	20°58'22.48774"	290345.424	2320470.212
30	84°58'50.38939"	20°58'23.87521"	290345.617	2320510.313
31	84°58'50.36939"	20°58'23.99974"	290378.913	2320506.892
32	84°58'50.25716"	20°58'23.93772"	290405.442	2320508.351
33	84°58'50.36238"	20°58'23.77242"	290406.386	2320476.814
34	84°58'50.38535"	20°58'24.14668"	290418.664	2320379.308
35	84°58'50.25039"	20°58'25.85852"	290506.01	2320388.806
36	84°58'50.16910"	20°58'24.13675"	290568.049	2320277.242
37	84°58'50.36664"	20°58'24.14667"	290518.664	2320279.308
38	84°58'50.39663"	20°58'25.13917"	290567.483	2320301.717
39	84°58'50.10477"	20°58'25.52028"	290672.342	2320316.898
40	84°58'50.36147"	20°58'23.97928"	290632.817	2320267.855
41	84°58'50.30718"	20°58'23.44898"	290869.856	2320291.086
42	84°58'50.35722"	20°58'23.31231"	290861.024	2320286.41
43	84°58'50.47782"	20°58'23.03138"	290898.518	2320210.18
44	84°58'50.45348"	20°58'15.82528"	290377.079	2320201.495
45	84°58'50.86038"	20°58'17.29018"	290351.574	2320250.857
46	84°58'50.61134"	20°58'19.35220"	290337.192	2320344.302
47	84°58'50.87115"	20°58'19.74735"	290306.346	2320357.351
48	84°58'50.30157"	20°58'20.65120"	290290.252	2320413.438
49	84°58'50.56517"	20°58'20.85171"	290260.452	2320420.035
50	84°58'50.57434"	20°58'20.48044"	290259.381	2320351.215
51	84°58'50.83898"	20°58'20.74238"	290243.606	2320319.768
52	84°58'50.25986"	20°58'21.26142"	290226.209	2320344.908
53	84°58'50.39688"	20°58'21.11496"	290208.951	2320340.675
54	84°58'50.07337"	20°58'20.41235"	290145.75	2320348.251
55	84°58'50.34182"	20°58'20.93212"	290204.622	2320364.81
56	84°58'50.84884"	20°58'20.05112"	290260.495	2320367.425
57	84°58'52.22899"	20°58'23.15832"	290841.878	2320352.791
58	84°58'51.38224"	20°58'24.11132"	290840.415	2320325.024
59	84°58'50.34183"	20°58'24.50466"	290869.012	2320313.032
60	84°58'50.44003"	20°58'22.72242"	290866.556	2320376.447
61	84°58'50.28032"	20°58'23.9052"	291189.8	2320380.688
62	84°58'50.64511"	20°58'13.8962"	291221.83	2320080.173
63	84°58'51.07862"	20°58'13.70704"	291260.412	2320080.138
64	84°58'51.78664"	20°58'12.8812"	291254.532	2320054.576
65	84°58'50.38728"	20°58'12.81138"	291220.251	2320085.898
66	84°58'50.61228"	20°58'13.89117"	291181.798	2320058.678
67	84°58'51.00111"	20°57'53.03148"	290358.158	2320019.84
68	84°58'51.06488"	20°57'51.44133"	290771.713	2319954.603
69	84°58'51.28885"	20°57'51.93995"	290767.256	2319968.778
70	84°58'51.58380"	20°57'53.02148"	290803.468	2319993.395
71	84°58'51.34976"	20°57'55.60993"	290802.849	2319989.206
72	84°58'51.87968"	20°57'55.25148"	290804.857	2319978.87
73	84°58'51.76188"	20°57'49.76125"	290800.472	2319808.407
74	84°58'51.05339"	20°57'55.96232"	290820.143	2319987.442
75	84°58'54.06039"	20°57'45.31121"	291038.450	2319648.223
76	84°58'55.06964"	20°57'46.14579"	291056.791	2319674.896
77	84°58'55.91406"	20°57'44.57151"	291073.377	2319624.173
78	84°58'54.31794"	20°57'45.14123"	291028.081	2319643.408
79	84°58'55.47008"	20°57'45.81287"	291061.799	2319667.468
80	84°58'55.06486"	20°57'46.30898"	291104.860	2319684.152
81	84°58'55.78784"	20°57'45.53448"	291095.812	2319655.128
82	84°58'55.56222"	20°57'45.80723"	291092.868	2319663.508
83	84°58'55.06496"	20°57'46.95799"	291076.776	2319708.414
84	84°58'55.94959"	20°57'49.29181"	291075.22	2319793.467
85	84°58'55.51147"	20°57'54.14218"	291207.151	2319968.978
86	84°58'55.13615"	20°57'53.71814"	291184.5	2319973.299
87	84°58'55.98228"	20°57'54.75241"	291368.899	2319974.014
88	84°58'55.45486"	20°57'54.37144"	291411.874	2319961.623
89	84°58'55.61228"	20°57'53.29412"	291386.496	2319928.73
90	84°58'55.16553"	20°57'52.80663"	291372.487	2319905.992

FOREST AREA STATISTICS

SL_NO	VILLAGE_NM	PLOT_NO	KISSAM	ALLO_AR_AC	ALLO_AR_HA	MAP_AR_HA
1	CHOTABARENI	65	JUNGLE	0.33	0.1335	0.1414
2		59	JUNGLE	4.86	1.9668	1.978
3		61	JUNGLE	6.84	2.7681	3.0578
4		10	JUNGLE	2	0.8094	0.8545
5		80	JUNGLE	1.17	0.4735	0.4886
6		12	JUNGLE	0.27	0.1093	0.1178
7		200/364	JUNGLE	0.2	0.0809	0.0971
8		202/333	JUNGLE	0.6	0.2428	0.0855
9		229/334	JUNGLE	0.3	0.1214	0.1307
10		229/335	JUNGLE	0.24	0.0971	0.09
11		297/336	JUNGLE	0.43	0.174	0.1978
12		109/352	JUNGLE	0.4	0.1619	0.1633
13		84/314	JUNGLE	0.59	0.2388	0.2336
TOTAL				18.23	7.3775	7.5861

SURVEYED & PREPARED BY

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BHUBANESWAR