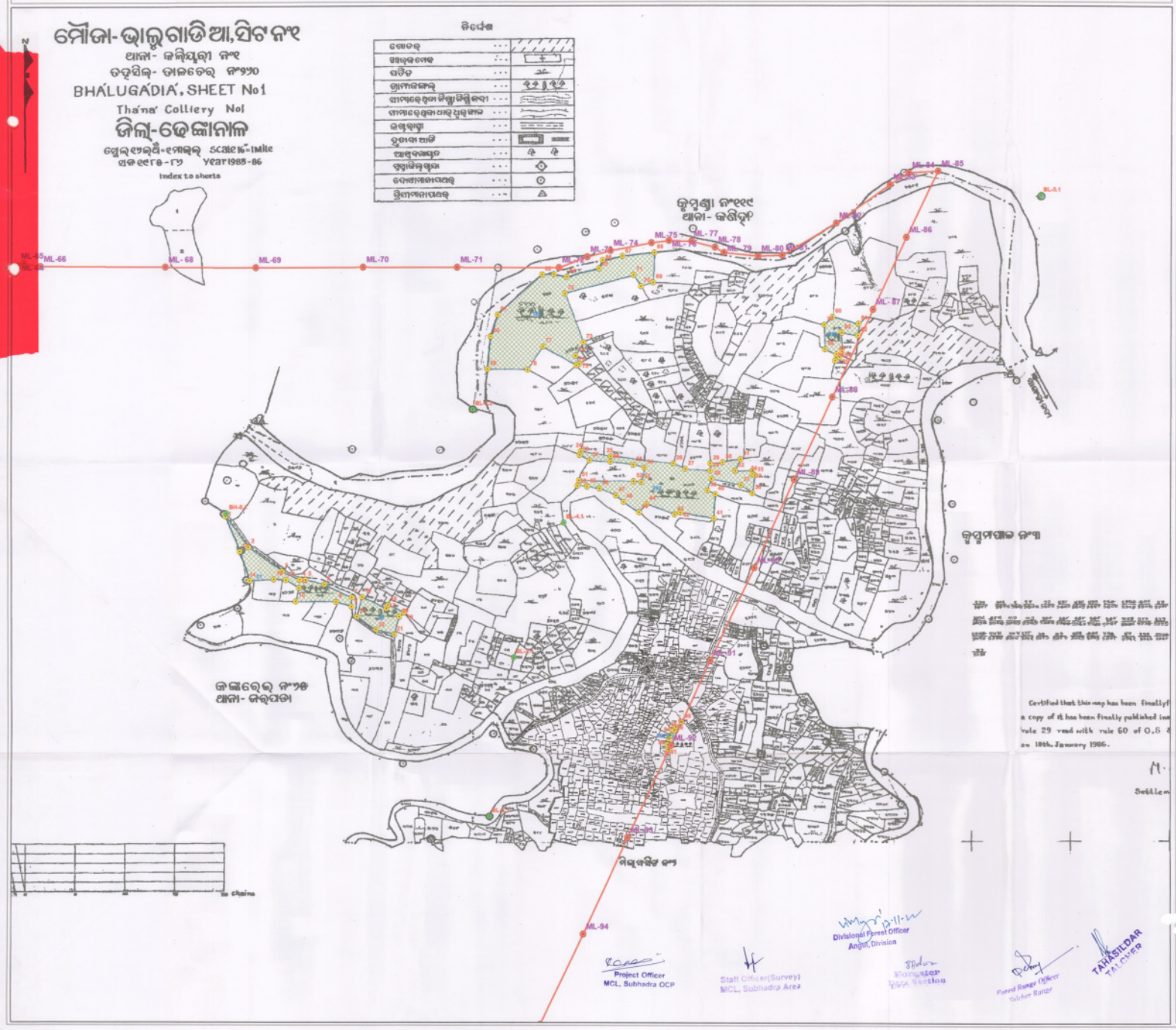
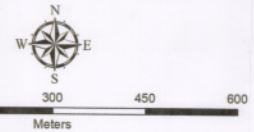
DGPS SURVEYED MAP SHOWING THE FOREST AREA TO BE DIVERTED WITHIN SUBHADRA OPEN CAST PROJECT IN VILLAGE BHALUGADIA(SHEET NO-1) OF M/S MAHANADI COAL FIELD LIMITED AT SUBHADRA AREA IN ANGUL DISTRICT.





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	BH-8.1	292107.998	2319925.947	85°00'01.42814"	20°58'05.49283"
2	BL-2.1	292685.168	2319610.573	85°00'21.54034"	20°57'55.47453"
3	BL-3.2	292608.444	2320142.175	85°00'18.65561"	20°58'12.72514"
4	BL-4.1	292789.723	2319896.666	85°00'25.03568"	20°58'04.81738"
5	BL-5.1	293765.927	2320583.685	85°00'58.52809"	20°58'27.54585"
6	BL-6.1	292632.588	2319269.783	85°00'19.86749"	20°57'44.37462"

DERIVED FOREST PATCH BOUNDARY COORDINATES

PILLAR_ID	LONGITUDE	LATITUDE	EASTING	NORTHING
1	85°00'01.36360"	20°58'05.28320"	292106.050	2319910.523
2	85°00'02.86074"	20°58'03.15025"	292151.610	2319853.941
3	85°00'05.33307"	20°58'01.45417"	292228.28	2319800.323
4	85°00'06.56748"	20°58'00.87596"	292264.600	2319782.085
5	85°00'06.35296"	20°58'00.87596"	292260.929	2319781.956
6	85°00'08.26356"	20°58'00.54185"	292303.362	2319771.808
7	85°00'10.20002"	20°57'59.62360"	292358.801	2319742.453
8	85°00'10.17808"	20°57'59.01285"	292358.283	2319723.48
9	85°00'09.28380"	20°57'59.33407"	292326.855	2319733.764
10	85°00'06.39861"	20°57'59.80980"	292246.093	2319738.873
11	85°00'06.45271"	20°58'00.30086"	292252.312	2319764.434
12	85°00'05.58525"	20°58'00.86434"	292226.311	2319781.969
13	85°00'04.75014"	20°58'00.88746"	292202.355	2319783.412
14	85°00'03.01756"	20°58'00.81516"	292152.117	2319781.505
15	85°00'02.34425"	20°58'02.84393"	292133.445	2319844.134
16	85°00'02.92648"	20°57'59.65.551"	292180.149	2319742.519
17	85°00'12.61512"	20°57'58.85886"	292428.627	2319717.87
18	85°00'12.73555"	20°57'59.12592"	292432.2	2319725.874
19	85°00'13.85474"	20°57'58.58708"	292464.334	2319708.089
20	85°00'13.52886"	20°57'58.29925"	292454.786	2319700.525
21	85°00'13.17641"	20°57'57.05460"	292444.15	2319662.182
22	85°00'11.87844"	20°57'57.42243"	292406.786	2319673.347
23	85°00'10.55712"	20°57'58.29456"	292368.858	2319701.362
24	85°00'26.22732"	20°58'09.80466"	292826.051	2320049.427
25	85°00'28.32507"	20°58'08.44353"	292886.519	2320037.766
26	85°00'32.69686"	20°58'08.94351"	293012.807	2320020.89
27	85°00'33.53707"	20°58'08.55.126"	293036.742	2320008.443
28	85°00'35.33453"	20°58'08.43327"	293088.044	2320004.182
29	85°00'35.31453"	20°58'08.95.754"	293088.245	2320020.319
30	85°00'36.18186"	20°58'09.09.282"	293113.329	2320022.313
31	85°00'37.42.803"	20°58'09.26361"	293149.297	2320028.87
32	85°00'37.04902"	20°58'08.42.250"	293138.147	2320003.23
33	85°00'38.36932"	20°58'08.45.030"	293173.404	2320003.734
34	85°00'38.36380"	20°58'08.21.323"	293173.158	2319996.351
35	85°00'38.40902"	20°58'08.13946"	293177.324	2319993.849
36	85°00'38.34986"	20°58'06.88327"	293172.248	2319955.456
37	85°00'37.43482"	20°58'07.42676"	293148.905	2319972.456
38	85°00'35.39245"	20°58'07.80350"	293090.078	2319986.692
39	85°00'35.12226"	20°58'07.06.249"	293081.966	2319962.093
40	85°00'35.45851"	20°58'06.79980"	293092.852	2319953.819
41	85°00'35.57448"	20°58'05.30381"	293094.28	2319901.595
42	85°00'33.18456"	20°58'05.52474"	293025.402	2319915.553
43	85°00'32.79194"	20°58'05.38898"	293014.011	2319911.75
44	85°00'30.84380"	20°58'04.30455"	292958.055	2319874.154
45	85°00'30.31682"	20°58'05.53535"	292942.56	2319916.782
46	85°00'29.23107"	20°58'06.24759"	292911.468	2319939.143
47	85°00'28.85725"	20°58'06.72725"	292900.685	2319954.114
48	85°00'27.53468"	20°58'07.18307"	292862.821	2319968.589
49	85°00'26.69085"	20°58'07.52367"	292837.402	2319979.166
50	85°00'25.98825"	20°58'07.38349"	292816.224	2319975.247
51	85°00'26.10882"	20°58'07.75626"	292821.88	2319986.638
52	85°00'20.92862"	20°58'07.68445"	292663.173	2319983.394
53	85°00'20.67280"	20°58'07.68828"	292647.847	2319981.782
54	85°00'20.67815"	20°58'08.64742"	292654.19	2320012.435
55	85°00'19.89669"	20°58'08.85087"	292631.687	2320018.973
56	85°00'18.28619"	20°58'09.05470"	292585.536	2320025.817
57	85°00'18.85071"	20°58'09.17507"	292843.825	2320030.039
58	85°00'16.14401"	20°58'09.58899"	292823.548	2320041.425
59	85°00'15.08238"	20°58'13.30417"	292618.46	2320227.281
60	85°00'18.85987"	20°58'17.75621"	292646.164	2320396.467
61	85°00'20.47573"	20°58'19.34964"	292663.565	2320345.265
62	85°00'23.48524"	20°58'22.08805"	292751.842	2320427.569
63	85°00'24.52859"	20°58'22.07832"	292775.903	2320427.602
64	85°00'23.21413"	20°58'21.91891"	292801.429	2320422.611
65	85°00'27.47752"	20°58'22.40761"	292867.029	2320439.258
66	85°00'27.73422"	20°58'23.06854"	292874.667	2320464.565
67	85°00'29.12182"	20°58'23.33617"	292914.857	2320464.785
68	85°00'31.34878"	20°58'23.57418"	292979.274	2320471.285
69	85°00'31.26742"	20°58'21.53002"	292976.139	2320408.139
70	85°00'30.42578"	20°58'21.26713"	292961.73	2320400.886
71	85°00'29.91550"	20°58'22.03865"	292937.221	2320424.419
72	85°00'25.11800"	20°58'20.78655"	292788.085	2320387.169
73	85°00'26.41170"	20°58'17.35073"	292824.273	2320281.65
74	85°00'25.87052"	20°58'16.44123"	292818.286	2320253.866
75	85°00'26.11766"	20°58'15.88158"	292825.218	2320236.687
76	85°00'25.59372"	20°58'15.78351"	292819.195	2320233.607
77	85°00'23.59683"	20°58'17.07382"	292751.687	2320274.163
78	85°00'22.50788"	20°58'15.48170"	292723.789	2320225.878
79	85°00'43.36224"	20°58'18.58867"	293321.317	2320313.514
80	85°00'43.83756"	20°58'19.16382"	293338.358	2320331.158
81	85°00'45.65707"	20°58'18.67184"	293390.757	2320315.362
82	85°00'45.63821"	20°58'17.85251"	293389.238	2320290.183
83	85°00'44.48097"	20°58'18.04000"	293356.864	2320296.478
84	85°00'44.52275"	20°58'16.74083"	293357.226	2320256.385
85	85°00'44.34465"	20°58'16.25752"	293351.91	2320241.66
86	85°00'44.06559"	20°58'16.11407"	293343.256	2320237.289
87	85°00'44.12024"	20°58'16.53842"	293345.521	2320250.304
88	85°00'43.31851"	20°58'16.90676"	293322.525	2320261.92
89	85°00'32.41764"	20°57'49.04748"	292996.94	2319408.987
90	85°00'32.38740"	20°57'49.24944"	292996.142	2319415.206
91	85°00'32.32224"	20°57'49.27860"	292994.274	2319416.132
92	85°00'32.32980"	20°57'49.41612"	292994.545	2319420.361
93	85°00'32.42916"	20°57'49.79412"	292997.361	2319431.951
94	85°00'32.52744"	20°57'50.05872"	293000.498	2319440.048
95	85°00'32.70860"	20°57'50.40144"	293005.894	2319450.525
96	85°00'32.78628"	20°57'50.41512"	293008.118	2319450.922
97	85°00'32.89608"	20°57'50.63852"	293011.572	2319457.748
98	85°00'33.32268"	20°57'50.96292"	293025.835	2319468.498

FOREST AREA STATISTICS

SL_NO	VILLAGE_NM	PLOT_NO	KISSAM	ALLO_AR_AC	ALLO_AR_HA	MAP_AR_HA
1	BHALUGADIA	29	JUNGLE	1.02	0.4128	0.42
2		31	JUNGLE	2.13	0.862	0.8721
3		160	JUNGLE	8.5	3.4399	3.4134
4		285	JUNGLE	0.84	0.3399	0.3466
5		392	JUNGLE	4.77	1.9304	2.3509
6		802(P)	JUNGLE	0.3	0.1214	0.043
TOTAL				17.56	7.1064	7.446

Memo No. 761/14
Date 24.09.2021

SURVEYED & PREPARED BY

AREAL CONSTRUCTIONS & GEO-INDIA SERVICES
BHUBANESWAR