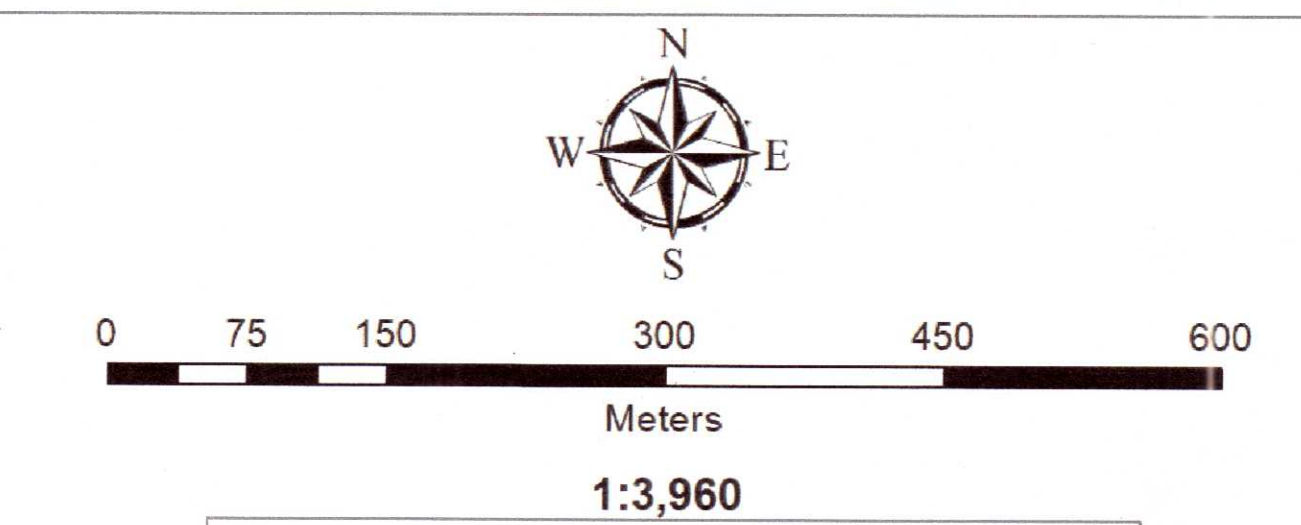


DGPS SURVEYED MAP SHOWING THE FOREST AREA TO BE DIVERTED WITHIN SUBHADRA OPEN CAST PROJECT IN VILLAGE
RAIJHARAN(SHEET NO-4) OF M/S MAHANADI COAL FIELD LIMITED AT SUBHADRA AREA IN ANGUL DISTRICT.



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	KN-2.1	289719.761	2318401.488	84°58'39.43704"	20°57'14.95997"
2	KN-6.1	290294.018	2318160.844	84°58'59.41519"	20°57'07.37248"
3	RA-1.1	288821.624	2318135.206	84°58'08.47229"	20°57'05.93418"
4	RA-2.1	289477.47	2318419.686	84°58'31.04418"	20°57'15.45202"
5	RA-3.1	289092.866	2317134.578	84°58'18.29737"	20°56'33.51745"
6	RA-4.2	290197.466	2318104.089	84°58'56.09860"	20°57'05.48794"
7	RA-5.2	290229.193	2317620.869	84°58'57.40716"	20°56'49.79229"
8	RA-6.1	289831.287	2317192.461	84°58'43.82454"	20°56'35.70245"

DERIVED FOREST PATCH BOUNDARY COORDINATES

PILLAR ID	LONGITUDE	LATITUDE	EASTING	NORTHING	PILLAR ID	LONGITUDE	LATITUDE	EASTING	NORTHING
1	84°58'44.00004"	20°57'12.26124"	288950.549	2318116.825	69	84°58'06.77068"	20°56'55.60964"	280472.31	2317751.241
2	84°58'45.13312"	20°57'11.71728"	288963.647	2318299.074	70	84°58'06.18684"	20°56'54.28824"	280484.651	2317755.955
3	84°58'46.08934"	20°57'11.23664"	288969.297	2318304.465	71	84°58'06.36888"	20°56'53.88040"	280505.514	2317762.289
4	84°58'46.09508"	20°57'08.23684"	288951.993	2318214.138	72	84°58'06.26684"	20°56'53.62008"	280488.591	2317756.34
5	84°58'46.02300"	20°57'11.42460"	288950.911	2318291.074	73	84°58'06.43660"	20°56'52.97748"	280482.413	2317751.918
6	84°58'46.82904"	20°57'07.20072"	288979.908	2318155.737	74	84°58'06.43832"	20°56'52.44828"	280488.318	2317699.81
7	84°58'46.44784"	20°57'01.08040"	289004.272	2318154.548	75	84°58'06.48040"	20°56'51.78124"	280492.41	2317677.182
8	84°58'46.63916"	20°57'06.49872"	289001.15	2318133.891	76	84°58'06.42382"	20°56'50.76188"	280412.294	2317641.523
9	84°58'46.22704"	20°57'05.37670"	289016.7	2318099.224	77	84°58'06.44444"	20°56'48.76836"	280432.114	2317586.814
10	84°58'46.46248"	20°57'04.23684"	289025.081	2318064.022	78	84°58'06.35508"	20°56'47.52996"	280457.871	2317548.596
11	84°58'46.77928"	20°57'05.97924"	289031.892	2318058.087	79	84°58'06.29932"	20°56'46.84092"	280474.571	2317526.989
12	84°58'46.03160"	20°57'02.24864"	289015.485	2318002.401	80	84°58'06.47240"	20°56'46.61484"	280488.746	2317520.111
13	84°58'46.82116"	20°57'00.57000"	289035.347	2317950.584	81	84°58'06.43868"	20°56'46.64804"	280413.715	2317513.852
14	84°58'46.35464"	20°57'00.43992"	289036.289	2317946.55	82	84°58'06.47928"	20°56'46.56788"	280488.511	2317511.34
15	84°58'46.54400"	20°56'59.69688"	289041.443	2317923.85	83	84°58'06.40400"	20°56'45.83644"	280396.419	2317486.649
16	84°58'46.55264"	20°56'58.06912"	289041.061	2317913.561	84	84°58'06.40400"	20°56'45.83644"	280396.419	2317486.649
17	84°58'46.08508"	20°56'57.23864"	289036.138	2317848.154	85	84°58'06.13832"	20°56'46.36104"	280394.851	2317513.992
18	84°58'46.91004"	20°56'57.28992"	289042.197	2317848.827	86	84°58'06.13832"	20°56'46.36104"	280394.851	2317513.992
19	84°58'46.54176"	20°56'57.83664"	289041.823	2317871.302	87	84°58'06.13832"	20°56'46.36104"	280394.851	2317513.992
20	84°58'46.29808"	20°56'56.42864"	289031.892	2317848.827	88	84°58'06.13832"	20°56'46.36104"	280394.851	2317513.992
21	84°58'46.09420"	20°56'56.36056"	289031.143	2317848.827	89	84°58'06.13832"	20°56'46.36104"	280394.851	2317513.992
22	84°58'46.65716"	20°56'56.59168"	289027.61	2317850.693	90	84°58'06.65400"	20°56'48.45164"	280322.871	2317608.216
23	84°58'46.10888"	20°56'56.03848"	289041.963	2317906.173	91	84°58'06.08840"	20°56'48.18704"	280306.288	2317601.283
24	84°58'46.73128"	20°56'56.23464"	289041.193	2317912.533	92	84°58'06.07280"	20°56'48.26800"	280306.211	2317605.627
25	84°58'46.43848"	20°56'56.57700"	289031.892	2317921.798	93	84°58'06.07280"	20°56'48.26800"	280306.211	2317605.627
26	84°58'46.53920"	20°56'56.97948"	289026.061	2317934.508	94	84°58'06.03256"	20°56'48.33948"	280275.951	2317606.961
27	84°58'46.63440"	20°56'56.78888"	289031.116	2317958.449	95	84°58'06.17116"	20°56'48.97688"	280280.214	2317625.958
28	84°58'46.23288"	20°56'56.42864"	289028.41	2317958.231	96	84°58'06.23288"	20°56'48.97688"	280280.214	2317625.958
29	84°58'46.39564"	20°56'56.13832"	289033.59	2317958.231	97	84°58'06.23288"	20°56'48.97688"	280280.214	2317625.958
30	84°58'46.82100"	20°56'56.04000"	289027.61	2317958.231	98	84°58'06.23288"	20°56'48.97688"	280280.214	2317625.958
31	84°58'46.89896"	20°56'56.66076"	289027.227	2318016.519	99	84°58'06.23288"	20°56'48.97688"	280280.214	2317625.958
32	84°58'46.44936"	20°56'56.10804"	289046.485	2318016.519	100	84°58'06.23288"	20°56'48.97688"	280280.214	2317625.958
33	84°58'46.67200"	20°56'56.10204"	289027.322	2318065.819	101	84°58'06.23288"	20°56'48.97688"	280280.214	2317625.958
34	84°58'46.15172"	20°56'56.22820"	289025.191	2318064.235	102	84°58'06.23288"	20°56'48.97688"	280280.214	2317625.958
35	84°58'46.28888"	20°56'56.07636"	289028.48	2318090.268	103	84°58'06.23288"	20°56'48.97688"	280280.214	2317625.958
36	84°58'46.0832"	20°56'56.94424"	289031.892	2318116.27	104	84°58'06.23288"	20°56'48.97688"	280280.214	2317625.958
37	84°58'46.54812"	20°56'56.54848"	289041.963	2318090.268	105	84°58'06.23288"	20°56'48.97688"	280280.214	2317625.958
38	84°58'46.59740"	20°56'56.31016"	289035.741	2317885.332	106	84°58'06.23288"	20°56'48.97688"	280280.214	2317625.958
39	84°58'46.48076"	20°56'56.24176"	289032.348	2317885.332	107	84°58'06.23288"	20°56'48.97688"	280280.214	2317625.958
40	84°58'46.43972"	20°56'56.63876"	289030.972	2317864.734	108	84°58'06.23288"	20°56'48.97688"	280280.214	2317625.958
41	84°58'46.18936"	20°56'56.12188"	289031.892	2317848.827	109	84°58'06.23288"	20°56'48.97688"	280280.214	2317625.958
42	84°58'46.17056"	20°56'56.14960"	289036.197	2317758.413	110	84°58'46.24024"	20°56'42.98252"	280135.051	2317412.88
43	84°58'46.88432"	20°56'56.58796"	289041.813	2317708.234	111	84°58'46.24024"	20°56'42.98252"	280135.051	2317412.88
44	84°58'46.44448"	20°56'56.62696"	289027.61	2317699.229	112	84°58'46.24024"	20°56'42.98252"	280135.051	2317412.88
45	84°58'46.57608"	20°56'56.12556"	289031.892	2317641.145	113	84°58'46.24024"	20°56'42.98252"	280135.051	2317412.88
46	84°58'46.99736"	20°56'56.80200"	289044.423	2317767.027	114	84°58'46.24024"	20°56'42.98252"	280135.051	2317412.88
47	84°58'46.42396"	20°56'56.73340"	289056.694	2317652.604	115	84°58'46.24024"	20°56'42.98252"	280135.051	2317412.88
48	84°58'46.13924"	20°56'56.96176"	289046.795	2317628.344	116	84°58'46.24024"	20°56'42.98252"	280135.051	2317412.88
49	84°58'46.54812"	20°56'56.15556"	289045.219	2317605.593	117	84°58'46.24024"	20°56'42.98252"	280135.051	2317412.88
50	84°58'46.40024"	20°56'48.38868"	289028.41	2317610.827	118	84°58'46.24024"	20°56'42.98252"	280135.051	2317412.88
51	84°58'46.22912"	20°56'56.20184"	289023.506	2317759.109	119	84°58'46.24024"	20°56'42.98252"	280135.051	2317412.88
52	84°58'46.59816"	20°56'56.30804"	289036.374	2317762.971	120	84°58'46.24024"	20°56'42.98252"	280135.051	2317412.88
53	84°58'46.67176"	20°56'56.43896"	289036.682	2317773.271	121	84°58'46.24024"	20°56'42.98252"	280135.051	2317412.88
54	84°58'46.52776"	20°56'56.00072"	289036.682	2317773.271	122	84°58'46.24024"	20°56'42.98252"	280135.051	2317412.88
55	84°58'46.54828"	20°56'56.91512"	289036.682	2317773.271	123	84°58'46.24024"	20°56'42.98252"	280135.051	2317412.88
56	84°58'46.19208"	20°56'56.48100"	289046.48	2317860.34	124	84°58'46.24024"	20°56'42.98252"	280135.051	2317412.88
57	84°58'46.16036"	20°56'56.87620"	289039.986	2317860.34	125	84°58'46.24024"	20°56'42.98252"	280135.051	2317412.88
58	84°58'46.20064"	20°56'56.91112"	289041.963	2317860.34	126	84°58'46.24024"	20°56'42.98252"	280135.051	2317412.88
59	84°58'46.76080"	20°56'56.31312"	289044.423	2317860.34	127	84°58'46.24024"	20°56'42.98252"	280135.051	2317412.88
60	84°58'46.78524"	20°56'56.07976"	289044.423	2317860.34	128	84°58'46.24024"	20°56'42.98252"	280135.051	2317412.88
61	84°58'46.37784"	20°56'56.92544"	289042.576	2317761.215	129	84°58'46.24024"	20°56'42.98252"	280135.051	2317412.88
62	84°58'46.08632"	20°56'56.17904"	289040.989	2317751.512	130	84°58'46.24024"	20°56'42.98252"	280135.051	2317412.88
63	84°58'46.26256"	20°56'56.30972"	289040.112	2317757.499	131	84°58'46.24024"	20°56'42.98252"	280135.051	2317412.88
64	84°58'46.66568"	20°56'56.51156"	289042.576	2317757.499	132	84°58'46.24024"	20°56'42.98252"	280135.051	2317412.88
65	84°58'46.20536"	20°56'56.43868"	289030.972	2317701.105	133	84°58'46.24024"	20°56'42.98252"	280135.051	2317412.88
66	84°58'46.76888"	20°56'56.12772"	289044.423	2317699.229	134	84°58'46.24024"	20°56'42.98252"	280135.051	2317412.88
67	84°58'46.27560"	20°56'56.17824"	289042.576	2317676.381	135	84°58'46.24024"	20°56'42.98252"	280135.051	2317412.88
68	84°58'46.32800"	20°56'56.62008"	289049.571	2317737.93	136	84°58'46.24024"	20°56'42.98252"	280135.051	2317412.88

FOREST AREA STATISTICS

SL_NO	VILLAGE_NM	PLOT_NO	KISSAM	ALLO_AR_AC	ALLO_AR_HA	MAP_AR_HA
1	RAIJHARAN	1896	CHOTA JUNGLE	7.18	2.9057	3.0148
2		1898	CHOTA JUNGLE	6.42	2.5981	3.6048
3		1901	CHOTA JUNGLE	5.88	2.3796	2.4582
4		1890/1998	CHOTA JUNGLE	4.75	1.9223	2.5359
5		1900/1951	CHOTA JUNGLE	1.15	0.4654	0.4835
6		1828(P)	CHOTA JUNGLE	0.34	0.1376	0.2592
7		1883	CHOTA JUNGLE	3.16	1.2788	1.2588
8		1929	CHOTA JUNGLE	5.05	2.0437	2.2006
TOTAL				33.93	13.7312	15.8158