

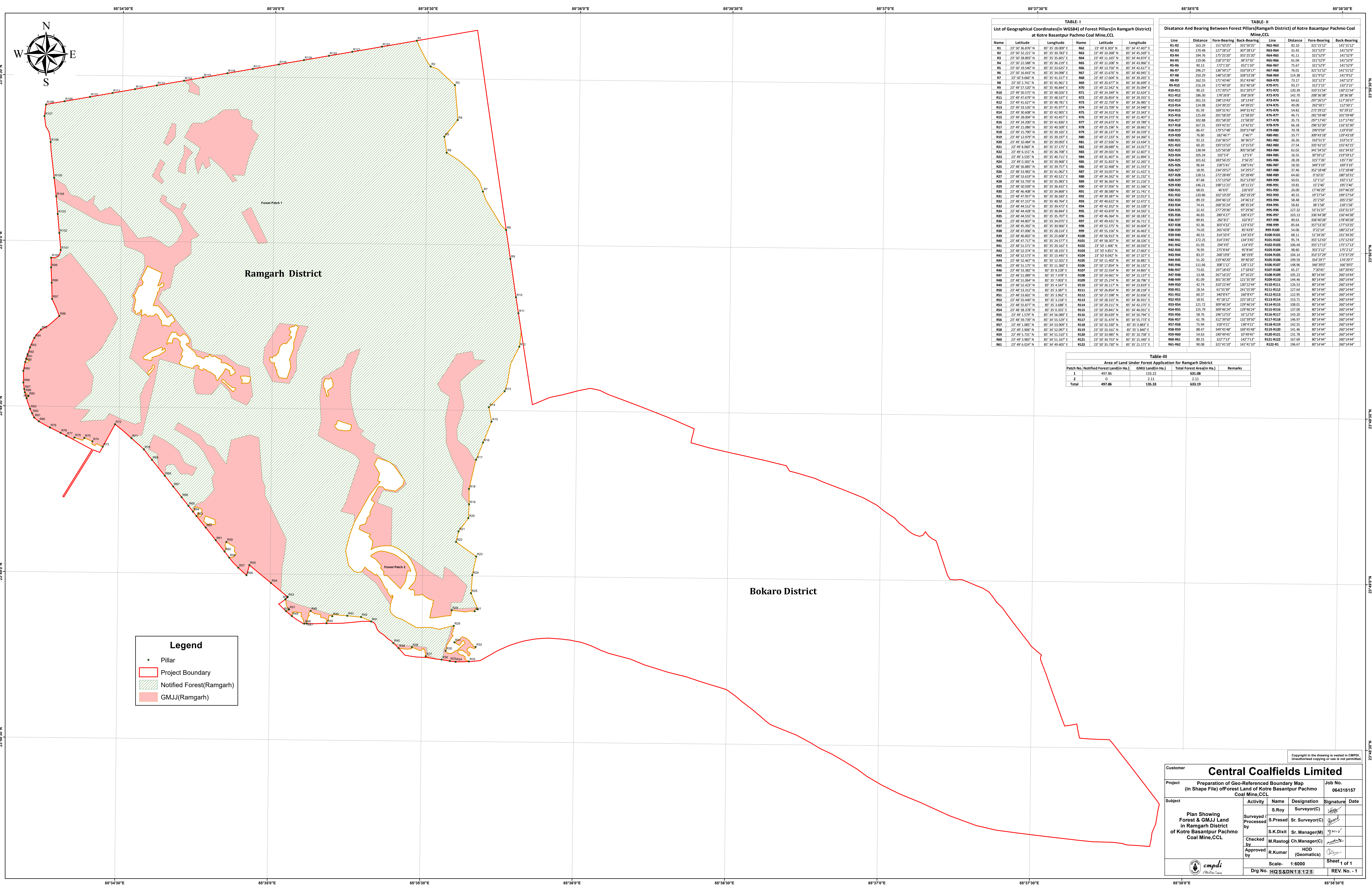


TABLE - I List of Geographical Coordinates(in WGS84) of Forest Pillars(Ramgarh District) At Kotre Basantpur Pachmo Coal Mine,CCL					
Name	Latitude	Longitude	Name	Latitude	Longitude
R1	23°50'36.5160"N	85°35'38.000"E	R63	23°49'8.300"N	85°34'41.400"E
R2	23°50'32.221"N	85°35'30.783"E	R64	23°49'10.368"N	85°34'45.569"E
R3	23°50'28.889"N	85°35'35.601"E	R65	23°49'11.165"N	85°34'44.874"E
R4	23°50'22.588"N	85°35'36.191"E	R66	23°49'12.086"N	85°34'43.860"E
R5	23°50'19.540"N	85°35'33.625"E	R67	23°49'13.750"N	85°34'42.637"E
R6	23°50'16.643"N	85°35'34.088"E	R68	23°49'15.676"N	85°34'40.945"E
R7	23°50'9.666"N	85°35'45.317"E	R69	23°49'16.608"N	85°34'39.265"E
R8	23°50'2.141"N	85°35'45.841"E	R70	23°49'16.477"N	85°34'36.696"E
R9	23°49'57.520"N	85°35'46.844"E	R71	23°49'12.342"N	85°34'35.094"E
R10	23°49'50.575"N	85°35'48.050"E	R72	23°49'14.349"N	85°34'32.624"E
R11	23°49'47.029"N	85°35'48.537"E	R73	23°49'16.847"N	85°34'29.355"E
R12	23°49'41.627"N	85°35'48.781"E	R74	23°49'12.759"N	85°34'26.985"E
R13	23°49'33.526"N	85°35'45.977"E	R75	23°49'13.709"N	85°34'24.948"E
R14	23°49'30.000"N	85°35'42.807"E	R76	23°49'13.345"N	85°34'23.345"E
R15	23°49'28.004"N	85°35'43.457"E	R77	23°49'14.673"N	85°34'21.407"E
R16	23°49'24.000"N	85°35'41.836"E	R78	23°49'14.673"N	85°34'19.789"E
R17	23°49'21.066"N	85°35'40.987"E	R79	23°49'15.367"N	85°34'18.661"E
R18	23°49'15.790"N	85°35'39.185"E	R80	23°49'16.137"N	85°34'16.559"E
R19	23°49'12.979"N	85°35'39.197"E	R81	23°49'17.233"N	85°34'14.360"E
R20	23°49'10.484"N	85°35'39.987"E	R82	23°49'17.587"N	85°34'13.434"E
R21	23°49'8.060"N	85°35'37.175"E	R83	23°49'18.689"N	85°34'13.017"E
R22	23°49'6.151"N	85°35'36.708"E	R84	23°49'19.501"N	85°34'12.600"E
R23	23°49'3.553"N	85°35'40.711"E	R85	23°49'18.407"N	85°34'11.894"E
R24	23°49'0.183"N	85°35'39.848"E	R86	23°49'18.823"N	85°34'12.305"E
R25	23°48'56.883"N	85°35'39.757"E	R87	23°49'18.468"N	85°34'11.553"E
R26	23°48'53.982"N	85°35'41.062"E	R88	23°49'18.057"N	85°34'11.422"E
R27	23°48'53.839"N	85°35'40.521"E	R89	23°49'18.267"N	85°34'11.234"E
R28	23°48'53.759"N	85°35'35.983"E	R90	23°49'18.363"N	85°34'11.216"E
R29	23°48'50.939"N	85°35'36.432"E	R91	23°49'17.956"N	85°34'11.566"E
R30	23°48'46.408"N	85°35'34.848"E	R92	23°49'18.587"N	85°34'11.741"E
R31	23°48'47.957"N	85°35'36.583"E	R93	23°49'18.387"N	85°34'12.013"E
R32	23°48'47.157"N	85°35'40.764"E	R94	23°49'18.622"N	85°34'12.472"E
R33	23°48'44.537"N	85°35'39.477"E	R95	23°49'18.282"N	85°34'13.338"E
R34	23°48'44.428"N	85°35'36.844"E	R96	23°49'18.707"N	85°34'14.589"E
R35	23°48'44.555"N	85°35'35.707"E	R97	23°49'16.364"N	85°34'18.183"E
R36	23°48'44.807"N	85°35'34.075"E	R98	23°49'18.431"N	85°34'16.711"E
R37	23°48'45.392"N	85°35'30.966"E	R99	23°49'16.375"N	85°34'16.604"E
R38	23°48'47.006"N	85°35'28.214"E	R100	23°49'15.156"N	85°34'16.463"E
R39	23°48'46.802"N	85°35'25.848"E	R101	23°49'16.915"N	85°34'16.456"E
R40	23°48'47.717"N	85°35'24.577"E	R102	23°49'16.307"N	85°34'18.326"E
R41	23°48'51.571"N	85°35'20.162"E	R103	23°50'1.406"N	85°34'18.010"E
R42	23°48'52.374"N	85°35'18.155"E	R104	23°50'4.853"N	85°34'17.663"E
R43	23°48'52.279"N	85°35'15.465"E	R105	23°50'8.067"N	85°34'17.327"E
R44	23°48'52.467"N	85°35'12.501"E	R106	23°50'11.402"N	85°34'16.881"E
R45	23°48'51.175"N	85°35'11.360"E	R107	23°50'17.854"N	85°34'16.132"E
R46	23°48'53.382"N	85°35'8.220"E	R108	23°50'22.594"N	85°34'14.865"E
R47	23°48'51.089"N	85°35'7.478"E	R109	23°50'24.661"N	85°34'15.137"E
R48	23°48'51.064"N	85°35'7.003"E	R110	23°50'25.274"N	85°34'18.796"E
R49	23°48'52.437"N	85°35'4.547"E	R111	23°50'16.117"N	85°34'23.819"E
R50	23°48'53.312"N	85°35'3.387"E	R112	23°50'26.854"N	85°34'28.218"E
R51	23°48'53.601"N	85°35'3.962"E	R113	23°50'27.598"N	85°34'32.696"E
R52	23°48'55.440"N	85°35'2.218"E	R114	23°50'28.315"N	85°34'36.931"E
R53	23°48'55.877"N	85°35'3.688"E	R115	23°50'29.211"N	85°34'42.275"E
R54	23°48'58.738"N	85°35'0.355"E	R116	23°50'29.841"N	85°34'46.031"E
R55	23°49'1.579"N	85°34'56.897"E	R117	23°50'30.679"N	85°34'50.794"E
R56	23°48'59.739"N	85°34'55.529"E	R118	23°50'31.474"N	85°34'55.773"E
R57	23°49'1.085"N	85°34'53.909"E	R119	23°50'32.330"N	85°35'0.883"E
R58	23°49'2.940"N	85°34'52.997"E	R120	23°50'33.181"N	85°35'5.840"E
R59	23°49'5.131"N	85°34'51.510"E	R121	23°50'33.885"N	85°35'10.788"E
R60	23°49'3.983"N	85°34'51.167"E	R122	23°50'34.753"N	85°35'15.340"E
R61	23°49'6.024"N	85°34'49.405"E			

Table-III Area of Land Under Forest Application for Ramgarh District			
Patch No.	Notified Forest Land(in Ha.)	GMJJ Land(in Ha.)	Total Forest Area(in Ha.)
1	497.86	133.22	631.08
2	0	2.11	2.11
Total	497.86	135.33	633.19

TABLE - II Disatanse And Bearing Between Forest Pillars(Ramgarh District) of Kotre Basantpur Pachmo Coal Mine,CCL							
Line	Distance	Fore-Bearing	Back-Bearing	Line	Distance	Fore-Bearing	Back-Bearing
R1-R2	163.29	151°50'25"	331°50'25"	R62-R63	83.10	321°15'12"	141°15'12"
R2-R3	170.48	127°28'13"	307°28'13"	R63-R64	31.42	321°52'59"	141°52'59"
R3-R4	194.76	173°25'20"	292°25'20"	R64-R65	41.11	321°52'59"	141°52'59"
R4-R5	119.06	218°37'35"	38°37'35"	R65-R66	61.04	321°52'59"	141°52'59"
R5-R6	90.13	177°1'10"	357°1'10"	R66-R67	75.67	321°52'59"	141°52'59"
R6-R7	296.37	138°59'17"	306°59'17"	R67-R68	76.01	321°51'52"	141°51'52"
R7-R8	250.29	148°53'28"	338°53'28"	R68-R69	114.38	321°52'59"	141°52'59"
R8-R9	161.55	171°43'46"	351°43'46"	R69-R70	73.17	322°12'13"	142°12'13"
R9-R10	216.24	171°40'18"	351°40'18"	R70-R71	93.27	312°2'15"	132°2'15"
R10-R11	90.33	171°20'57"	351°20'57"	R71-R72	120.38	310°21'54"	130°21'54"
R11-R12	186.30	178°26'8"	358°26'8"	R72-R73	142.70	208°36'38"	28°36'38"
R12-R13	261.53	198°13'43"	18°13'43"	R73-R74	64.62	297°30'57"	117°30'57"
R13-R14	124.98	224°59'17"	44°59'17"	R74-R75	49.09	292°0'11"	112°0'11"
R14-R15	81.59	169°31'41"	349°31'41"	R75-R76	54.82	272°29'22"	92°29'22"
R15-R16	125.69	201°58'20"	21°58'20"	R76-R77	46.71	281°59'48"	101°59'48"
R16-R17	102.88	201°58'20"	21°58'20"	R77-R78	25.73	297°1'45"	117°1'45"
R17-R18	167.31	193°42'51"	13°42'51"	R78-R79	66.18	296°32'30"	116°32'30"
R18-R19	86.47	179°57'48"	359°57'48"	R79-R80	70.78	299°0'59"	119°0'59"
R19-R20	76.80	182°46'7"	2°46'7"	R80-R81	33.77	309°43'18"	129°43'18"
R20-R21	92.22	216°36'57"	36°36'57"	R81-R82	26.26	313°53'3"	153°53'3"
R21-R22	60.30	193°15'33"	13°15'33"	R82-R83	27.54	335°42'15"	155°42'15"
R22-R23	138.94	125°56'58"	305°56'58"	R83-R84	62.02	341°34'32"	161°34'32"
R23-R24	105.34	182°5'4"	12°5'4"	R84-R85	16.55	39°59'12"	219°59'12"
R24-R25	101.62	183°56'25"	3°56'25"	R85-R86	28.28	315°7'26"	135°7'26"
R25-R26	96.64	158°5'41"	338°5'41"	R86-R87	18.50	349°3'59"	169°3'59"
R26-R27	18.95	234°29'27"	54°29'27"	R87-R88	17.46	352°18'48"	172°18'48"
R27-R28	128.51	277°28'49"	97°28'49"	R88-R89	64.60	0°10'51"	180°10'51"
R28-R29	87.68	177°13'50"	357°13'50"	R89-R90	50.01	12°11'12"	192°11'12"
R29-R30	146.21	198°11'21"	18°11'21"	R90-R91	19.81	15°2'46"	195°2'46"
R30-R31	68.01	46°5'0"	226°5'0"	R91-R92	26.00	17°46'29"	197°46'29"
R31-R32	120.80	102°19'29"	282°19'29"	R92-R93	40.15	19°27'54"	199°27'54"
R32-R33	89.19	204°46'13"	24°46'13"	R93-R94	58.48	23°2'50"	203°2'50"
R33-R34	74.41	268°35'4"	88°35'4"	R94-R95	58.82	38°1'58"	218°1'58"
R34-R35	31.42	277°29'36"	97°29'36"	R95-R96	127.32	53°31'37"	233°31'37"
R35-R36	46.83	289°42'7"	107°42'7"	R96-R97	103.13	338°44'38"	158°44'38"
R36-R37	89.81	285°8'9"	100°8'9"	R97-R98	95.63	350°40'28"	178°40'28"
R37-R38	92.36	303°4'32"	123°4'32"	R98-R99	85.64	352°53'35"	177°53'35"
R38-R39	74.03	267°43'8"	85°43'8"	R99-R100	54.06	0°22'14"	180°22'14"
R39-R40	40.53	314°13'4"	134°13'4"	R100-R101	68.11	51°34'36"	231°34'36"
R40-R41	172.25	314°3'45"	134°3'45"	R101-R102	95.74	355°12'43"	175°12'43"
R41-R42	61.93	294°4'0"	114°4'0"	R102-R103	106.44	355°17'13"	175°17'13"
R42-R43	76.95	273°3'44"	93°3'44"	R103-R104	98.60	353°2'12"	173°2'12"
R43-R44	83.37	268°19'8"	88°19'8"	R104-R105	104.14	353°37'29"	173°37'29"
R44-R45	51.20	219°42'20"	39°42'20"	R105-R106	199.59	354°29'7"	174°29'7"
R45-R46	111.66	348°11'2"	138°11'2"	R106-R107	148.96	346°39'0"	166°39'0"
R46-R47	73.65	197°18'43"	17°18'43"	R107-R108	65.77	7°20'45"	187°20'45"
R47-R48	13.48	267°16'25"	87°16'25"	R108-R109	105.23	89°14'44"	269°14'44"
R48-R49	81.09	301°35'39"	121°35'39"	R109-R110	144.46	89°14'44"	269°14'44"
R49-R50	42.74	310°22'44"	130°22'44"	R110-R111	126.53	89°14'44"	269°14'44"
R50-R51	18.54	61°55'39"	241°55'39"	R111-R112	127.64	89°14'44"	269°14'44"
R51-R52	60.37	340°8'47"	160°8'47"	R112-R113	122.95	89°14'44"	269°14'44"
R52-R53	18.91	45°18'12"	225°18'12"	R113-R114	153.71	89°14'44"	269°14'44"
R53-R54	121.72	309°46'24"	129°46'24"	R114-R115	108.01	89°14'44"	269°14'44"
R54-R55	155.79	309°46'24"	129°46'24"	R115-R116	137.00	89°14'44"	269°14'44"
R55-R56	58.76	196°12'33"	16°12'33"	R116-R117	143.20	89°14'44"	269°14'44"
R56-R57	61.78	312°39'50"	132°39'50"	R117-R118	146.97	89°14'44"	269°14'44"
R57-R58	75.94	318°42'11"	138°42'11"	R118-R119	142.55	89°14'44"	269°14'44"
R58-R59	86.47	349°43'48"	169°43'48"	R119-R120	141.46	89°14'44"	269°14'44"
R59-R60	54.63	190°49'45"	10°49'45"	R120-R121	131.78	89°14'44"	269°14'44"
R60-R61	80.15	327°7'13"	147°7'13"	R121-R122	167.69	89°14'44"	269°14'44"
R61-R62	90.08	321°41'10"	141°41'10"	R122-R123	196.67	89°14'44"	269°14'44"

Legend

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Pillar

Project Boundary

Notified Forest(Ramgarh)

GMJJ(Ramgarh)

Customer

Project

Subject

Preparation of Geo-Referenced Boundary Map
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