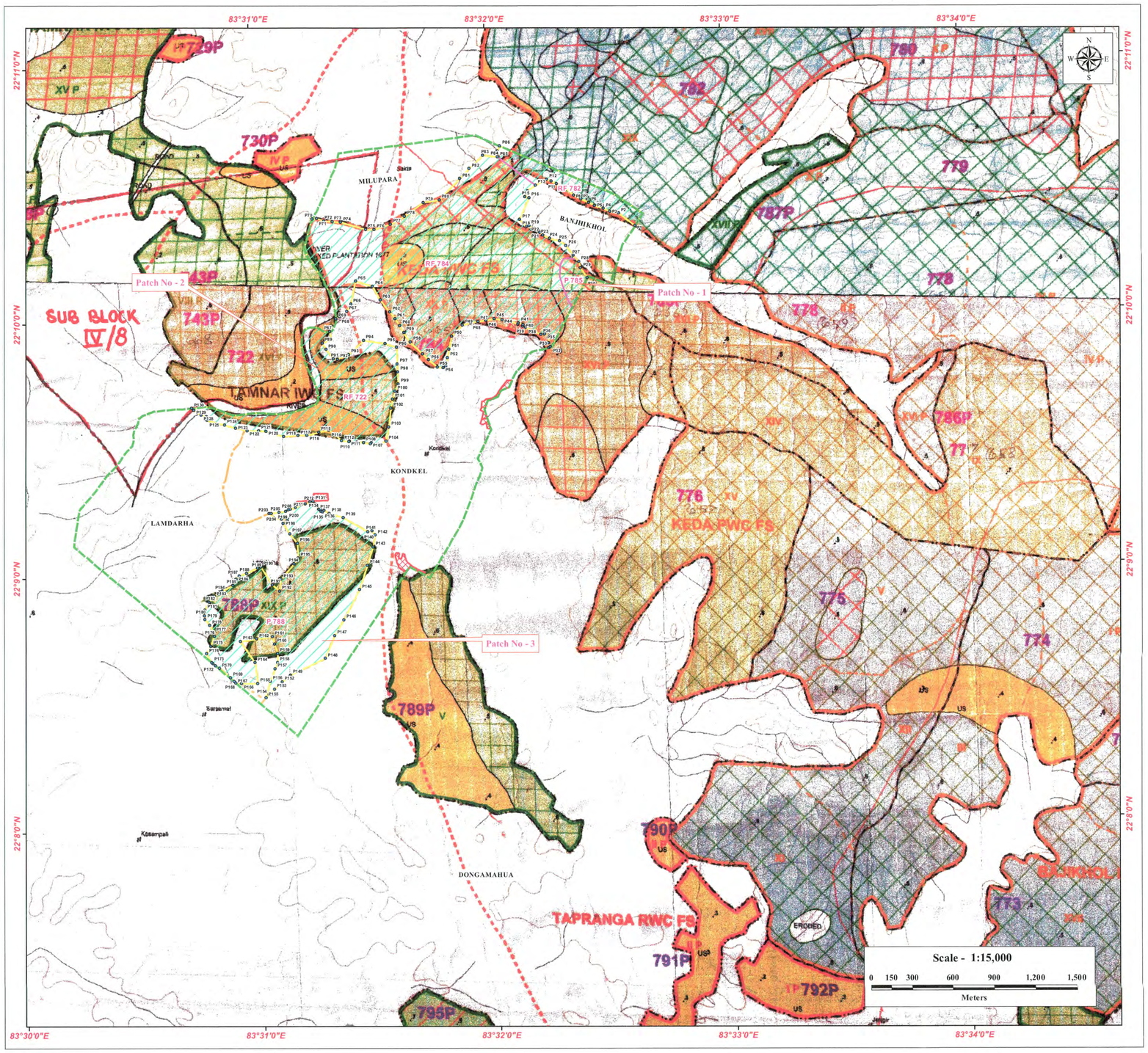
FOREST STOCK MAP SHOWING FOREST AREA OF GARE PALMA IV/5 COAL BLOCK IN DIVISION - RAIGARH, RANGE - TAMNAR, C.G..



Forest Boundary Pillar Coordinates

Sl. No	Pillar Id	Patch No	Easting (m)	Northing (m)	Latitude (°N)	Longitude (°E)
1	P1	Patch - 1	762308.188	2454114.764	22°10'20.86337"	83°32'37.38752"
2	P2	Patch - 1	762190.958	2454206.158	22°10'23.89674"	83°32'33.35145"
3	P3	Patch - 1	762126.150	2454218.739	22°10'24.34081"	83°32'31.09801"
4	P4	Patch - 1	762077.759	2454240.312	22°10'25.06807"	83°32'29.42249"
5	P5	Patch - 1	762012.377	2454260.334	22°10'25.75421"	83°32'27.15334"
6	P6	Patch - 1	761970.850	2454284.025	22°10'26.54657"	83°32'25.71853"
7	P7	Patch - 1	761910.835	2454312.021	22°10'27.48884"	83°32'23.64126"
8	P8	Patch - 1	761857.001	2454337.483	22°10'28.34545"	83°32'21.77814"
9	P9	Patch - 1	761801.684	2454388.114	22°10'30.02060"	83°32'19.87793"
10	P10	Patch - 1	761733.356	2454421.681	22°10'31.14842"	83°32'17.51388"
11	P11	Patch - 1	761695.149	2454440.081	22°10'31.76702"	83°32'16.19178"
12	P12	Patch - 1	761660.993	2454452.372	22°10'32.18496"	83°32'15.00739"
13	P13	Patch - 1	761579.903	2454409.144	22°10'30.82446"	83°32'12.15331"
14	P14	Patch - 1	761523.716	2454367.760	22°10'29.51034"	83°32'10.16908"
15	P15	Patch - 1	761502.786	2454325.298	22°10'28.14203"	83°32'09.41416"
16	P16	Patch - 1	761533.093	2454317.298	22°10'27.86565"	83°32'10.46675"
17	P17	Patch - 1	761467.331	2454160.328	22°10'22.80112"	83°32'08.08114"
18	P18	Patch - 1	761517.807	2454110.839	22°10'21.16574"	83°32'09.81313"
19	P19	Patch - 1	761534.532	2454118.086	22°10'21.39214"	83°32'10.40080"
20	P20	Patch - 1	761569.309	2454097.107	22°10'20.69158"	83°32'11.60176"
21	P21	Patch - 1	761605.158	2454082.547	22°10'20.19903"	83°32'12.84384"
22	P22	Patch - 1	761612.196	2454065.528	22°10'19.64224"	83°32'13.07940"
23	P23	Patch - 1	761632.756	2454048.804	22°10'19.08767"	83°32'13.78689"
24	P24	Patch - 1	761685.030	2454024.366	22°10'18.26525"	83°32'15.59618"
25	P25	Patch - 1	761755.958	2454007.720	22°10'17.68582"	83°32'18.06076"
26	P26	Patch - 1	761801.988	2453971.420	22°10'16.48136"	83°32'19.64529"
27	P27	Patch - 1	761855.027	2453901.762	22°10'14.18920"	83°32'21.45484"
28	P28	Patch - 1	761896.440	2453857.149	22°10'12.71715"	83°32'22.87346"
29	P29	Patch - 1	761908.649	2453809.899	22°10'11.17526"	83°32'23.27178"
30	P30	Patch - 1	761957.728	2453739.076	22°10'08.84743"	83°32'24.94247"
31	P31	Patch - 1	761674.539	2453233.093	22°09'52.56110"	83°32'14.76865"
32	P32	Patch - 1	761687.141	2453241.198	22°09'52.81762"	83°32'15.21295"
33	P33	Patch - 1	761677.728	2453266.227	22°09'53.63596"	83°32'14.89922"
34	P34	Patch - 1	761676.050	2453321.346	22°09'55.42780"	83°32'14.87283"
35	P35	Patch - 1	761645.764	2453331.276	22°09'55.76689"	83°32'13.82213"
36	P36	Patch - 1	761617.933	2453329.518	22°09'55.72488"	83°32'12.85030"
37	P37	Patch - 1	761562.107	2453351.954	22°09'56.48418"	83°32'10.91600"
38	P38	Patch - 1	761509.287	2453382.550	22°09'57.50698"	83°32'09.09131"
39	P39	Patch - 1	761486.873	2453390.245	22°09'57.76916"	83°32'08.31392"
40	P40	Patch - 1	761489.628	2453401.416	22°09'58.13063"	83°32'08.41654"
41	P41	Patch - 1	761455.202	2453412.279	22°09'58.50229"	83°32'07.22199"
42	P42	Patch - 1	761452.455	2453402.060	22°09'58.17174"	83°32'07.12021"
43	P43	Patch - 1	761397.729	2453422.586	22°09'58.86837"	83°32'05.22315"
44	P44	Patch - 1	761336.423	2453435.844	22°09'59.33242"	83°32'03.09232"
45	P45	Patch - 1	761278.223	2453442.979	22°09'59.59582"	83°32'01.06627"
46	P46	Patch - 1	761219.250	2453432.354	22°09'59.28258"	83°31'59.00291"
47	P47	Patch - 1	761160.908	2453422.219	22°09'58.98491"	83°31'56.96184"
48	P48	Patch - 1	761107.478	2453412.447	22°09'58.69636"	83°31'55.09235"
49	P49	Patch - 1	761047.711	2453396.972	22°09'58.22595"	83°31'52.99846"
50	P50	Patch - 1	760967.989	2453318.133	22°09'55.70753"	83°31'50.17166"
51	P51	Patch - 1	760949.728	2453220.706	22°09'52.55183"	83°31'49.47797"
52	P52	Patch - 1	760938.045	2453160.109	22°09'50.58925"	83°31'49.03519"
53	P53	Patch - 1	760926.826	2453100.908	22°09'48.67177"	83°31'48.60943"
54	P54	Patch - 1	760904.596	2453086.724	22°09'48.22293"	83°31'47.82576"
55	P55	Patch - 1	760863.184	2453091.922	22°09'48.41426"	83°31'46.38421"
56	P56	Patch - 1	760801.110	2453145.532	22°09'50.18977"	83°31'44.25006"
57	P57	Patch - 1	760759.013	2453185.016	22°09'51.49547"	83°31'42.80455"
58	P58	Patch - 1	760671.854	2453275.036	22°09'54.46758"	83°31'39.81649"
59	P59	Patch - 1	760623.746	2453343.194	22°09'56.70819"	83°31'38.17793"
60	P60	Patch - 1	760594.470	2453393.963	22°09'58.37362"	83°31'37.18617"
61	P61	Patch - 1	760558.537	2453443.986	22°10'00.01839"	83°31'35.96177"
62	P62	Patch - 1	760523.106	2453492.432	22°10'01.61168"	83°31'34.75395"
63	P63	Patch - 1	760451.161	2453579.295	22°10'04.47295"	83°31'32.29467"
64	P64	Patch - 1	760395.664	2453680.050	22°10'07.77669"	83°31'30.41720"
65	P65	Patch - 1	760273.216	2453715.303	22°10'08.98832"	83°31'26.16617"
66	P66	Patch - 1	760237.813	2453548.585	22°10'03.59044"	83°31'24.83446"
67	P67	Patch - 1	760208.727	2453496.165	22°10'01.90292"	83°31'23.78940"
68	P68	Patch - 1	760154.058	2453455.905	22°10'00.62432"	83°31'21.85901"
69	P69	Patch - 1	760129.917	2453443.716	22°10'00.24132"	83°31'21.00982"
70	P70	Patch - 1	759955.090	2454164.994	22°10'23.77156"	83°31'15.32921"
71	P71	Patch - 1	759987.349	2454168.813	22°10'23.87823"	83°31'16.45680"
72	P72	Patch - 1	760040.042	2454152.519	22°10'23.32036"	83°31'18.28556"
73	P73	Patch - 1	760102.998	2454147.384	22°10'23.11951"	83°31'20.47882"
74	P74	Patch - 1	760163.768	2454141.390	22°10'22.89192"	83°31'22.59531"
75	P75	Patch - 1	760347.022	2454091.097	22°10'21.15874"	83°31'28.95896"
76	P76	Patch - 1	760409.049	2454090.779	22°10'21.11487"	83°31'31.12259"
77	P77	Patch - 1	760526.910	2454128.934	22°10'22.29086"	83°31'35.25633"
78	P78	Patch - 1	760629.528	2454184.305	22°10'24.03442"	83°31'38.86834"
79	P79	Patch - 1	760764.296	2454285.246	22°10'27.24121"	83°31'43.62843"
80	P80	Patch - 1	760882.045	2454302.212	22°10'27.72870"	83°31'47.74602"
81	P81	Patch - 1	761031.930	2454457.528	22°10'32.69397"	83°31'53.06521"
82	P82	Patch - 1	761102.026	2454530.166	22°10'35.01609"	83°31'55.55285"
83	P83	Patch - 1	761201.312	2454626.527	22°10'38.09317"	83°31'59.07265"
84	P84	Patch - 1	761304.829	2454616.274	22°10'37.70387"	83°32'02.67797"
85	P85	Patch - 1	761306.075	2454658.051	22°10'39.06059"	83°32'02.74578"
86	P86	Patch - 1	761323.170	2454694.499	22°10'40.23558"	83°32'03.36341"
87	P87	Patch - 2	760084.988	2453351.440	22°09'57.26732"	83°31'19.38903"
88	P88	Patch - 2	760093.104	2453298.660	22°09'55.54802"	83°31'19.64154"
89	P89	Patch - 2	760029.153	2453266.221	22°09'54.52854"	83°31'17.39192"
90	P90	Patch - 2	760055.547	2453219.440	22°09'52.99428"	83°31'18.28550"
91	P91	Patch - 2	760110.695	2453151.812	22°09'50.76711"	83°31'20.17003"
92	P92	Patch - 2	760142.050	2453149.037	22°09'50.66003"	83°31'21.26220"
93	P93	Patch - 2	760222.528	2453182.671	22°09'51.70938"	83°31'24.08900"
94	P94	Patch - 2	760330.240	2453287.335	22°09'55.05194"	83°31'27.90705"
95	P95	Patch - 2	760486.049	2453263.989	22°09'54.20915"	83°31'33.32862"
96	P96	Patch - 2	760569.615	2453235.522	22°09'53.23900"	83°31'36.22713"
97	P97	Patch - 2	760576.394	2453115.245	22°09'49.32729"	83°31'36.39375"
98	P98	Patch - 2	760579.248	2453056.876	22°09'47.42922"	83°31'36.45941"
99	P99	Patch - 2	760583.714	2452969.997	22°09'44.60393"	83°31'36.56474"
100	P100	Patch - 2	760560.565	2452915.385	22°09'42.84200"	83°31'35.72554"
101	P101	Patch - 2	760542.253	2452860.592	22°09'41.07156"	83°31'35.05496"
102	P102	Patch - 2	760529.815	2452793.946	22°09'38.91283"	83°31'34.58240"
103	P103	Patch - 2	760515.103	2452656.679	22°09'34.46070"	83°31'33.98954"
104	P104	Patch - 2	760495.803	2452555.484	22°09'31.18310"	83°31'33.25759"
105	P105	Patch - 2	760440.776	2452532.916	22°09'30.47956"	83°31'31.32507"
106	P106	Patch - 2	760390.076	2452543.505	22°09'30.85102"	83°31'29.56272"
107	P107	Patch - 2	760382.093	2452536.254	22°09'30.61974"	83°31'29.28004"
108	P108	Patch - 2	760331.851	2452544.909	22°09'30.92811"	83°31'27.53256"
109	P109	Patch - 2	760283.215	2452545.683	22°09'30.97951"	83°31'25.83648"
110	P110	Patch - 2	760227.123	2452553.994	22°09'31.27985"	83°31'23.88474"
111	P111	Patch - 2	760223.194	2452549.221	22°09'31.12692"	83°31'23.74492"
112	P112	Patch - 2	760172.143	2452556.590	22°09'31.39390"	83°31'21.96845"
113	P113	Patch - 2	760122.526	2452605.309	22°09'33.00367"	83°31'20.26597"
114	P114	Patch - 2	760077.067	2452633.307	22°09'33.93793"	83°31'18.69649"
115	P115	Patch - 2	760002.042	2452618.737	22°09'33.50500"	83°31'16.07104"
116	P116	Patch - 2	759916.838	2452596.198	22°09'32.81864"	83°31'13.08590"
117	P117	Patch - 2	759853.006	2452595.138	22°09'32.81864"	83°31'10.85872"
118	P118	Patch - 2	759745.047	2452587.269	22°09'32.62115"	83°31'07.08837"
119	P119	Patch - 2	759679.337	2452607.753	22°09'33.32217"	83°31'04.80813"
120	P120	Patch - 2	759616.095	2452628.117	22°09'34.01789"	83°31'02.61389"
121	P121	Patch - 2	759562.029	2452630.516	22°09'34.12497"	83°31'00.72936"
122	P122	Patch - 2	759476.683	2452631.078	22°09'34.18921"	83°30'57.75265"
123	P123	Patch - 2	759393.948	2452650.828	22°09'34.87550"	83°30'54.87810"
124	P124	Patch - 2	759312.550	2452672.548	22°09'35.62503"	83°30'52.05130"
125	P125	Patch - 2	759184.912	2452706.025	22°09'36.78145"	83°30'47.61836"
126	P126	Patch - 2	759177.867	2452723.703	22°09'37.35965"	83°30'47.38280"
127	P127	Patch - 2	759178.930	2452733.607	22°09'37.68088"	83°30'47.42563"
128	P128	Patch - 2	759143.750	2452744.888	22°09'38.06636"	83°30'46.20496"
129	P129	Patch - 2	759090.028	2452777.776	22°09'39.16385"	83°30'44.35000"
130	P130	Patch - 2	759073.652	2452793.375	22°09'39.67950"	83°30'43.78776"
131	P131	Patch - 3	759963.412	2452117.005	22°09'17.22348"	83°31'14.43297"
132	P132	Patch - 3	759976.694	2452097.169	22°09'16.57182"	83°31'14.88479"
133	P133	Patch - 3	760003.770	2452059.445	22°09'15.33145"	83°31'15.80735"
134	P134	Patch - 3	760015.085	2452058.314	22°09'15.28862"	83°31'16.20139"
135	P135	Patch - 3	760020.241	2452043.637	22°09'14.80892"	83°31'16.37271"
136	P136	Patch - 3	760029.882	2452039.842	22°09'14.68043"	83°31'16.70679"
137	P137	Patch - 3	760040.956	2452053.208	22°09'15.10873"	83°31'17.10083"
138	P138	Patch - 3	760080.145	2452029.689	22°09'14.32341"	83°31'18.45413"
139	P139	Patch - 3	760182.840	2451997.650	22°09'13.22696"	83°31'22.01761"
140	P140	Patch - 3	760363.293	2451897.304	22°09'09.86906"	83°31'28.25370"
141	P141	Patch - 3	760390.721	2451901.978	22°09'10.00612"	83°31'29.21310"
142	P142	Patch - 3	760416.781	2451870.775	22°09'08.97819"	83°31'30.10397"
143	P143	Patch - 3	760400.361	2451785.483	22°09'06.21574"	83°31'29.48177"
144	P144	Patch - 3	760357.824	2451652.132	22°09'01.90585"	83°31'27.92077"
145	P145	Patch - 3	760301.376	2451475.173	22°08'56.18657"	83°31'25.84931"
146	P146	Patch - 3	760185.457	2451255.340	22°08'49.10630"	83°31'21.67878"
147	P147	Patch - 3	760116.383	2451140.825	22°08'45.42272"	83°31'19.20325"
148	P148	Patch - 3	760049.835	2450975.803	22°08'40.09669"	83°31'16.78661"
149	P149	Patch - 3	759792.704	2450855.418	22°08'36.32371"	83°31'07.74872"
150	P150	Patch - 3	759790.100	2450848.885	22°08'36.11285"	83°31'07.65412"
151	P151	Patch - 3	759769.945	2450836.287	22°08'35.71436"	83°31'06.94385"
152	P152	Patch - 3	759733.517	2450806.087	22°08'34.75273"	83°31'05.65587"
153	P153	Patch - 3	759676.418	2450752.062	22°08'33.02806"	83°31'03.63315"
154	P154	Patch - 3	759637.321	2450713.105	22°08'31.78332"	83°31'02.24702"
155	P155	Patch - 3	759616.730	2450691.974	22°08'31.10781"	83°31'01.51664"
156	P156	Patch - 3	759645.243	2450810.926	22°08'34.95750"	83°31'02.57987"
157	P157	Patch - 3	759679.706	2450901.103	22°08'37.86900"	83°31'03.83398"
158	P158	Patch - 3	759698.146	2450948.404	22°08'39.39598"	83°31'04.50448"
159	P159	Patch - 3	759697.444	2451011.306	22°08'41.44019"	83°31'04.51636"
160	P160	Patch - 3	759676.180	2451081.882	22°08'43.74481"	83°31'03.81550"
161	P161	Patch - 3	759660.304	2451134.574	22°08'45.46545"	83°31'03.29224"
162	P162	Patch - 3	759548.118	2451116.953	22°08'44.95331"	83°30'59.36917"
163	P163	Patch - 3	759428.981	2451098.241	22°08'44.40943"	83°30'55.20301"
164	P164	Patch - 3	759536.783	2450945.603	22°08'39.39185"	83°30'58.87480"
165	P165	Patch - 3	759555.797	2450795.648	22°08'34.50922"	83°30'59.45133"
166	P166	Patch - 3	759437.752	2450795.584	22°08'34.57067"	83°30'55.33413"
167	P167	Patch - 3	759392.317	2450800.125	22°08'34.74267"	83°30'53.75208"
168	P168	Patch - 3	759381.051	2450809.580	22°08'35.05595"	83°30'53.36458"
169	P169	Patch - 3	759355.253	2450835.468	22°08'35.91097"	83°30'52.47976"
170	P170	Patch - 3	759277.181	2450903.271	22°08'38.15604"	83°30'49.79583"
171	P171	Patch - 3	759245.325	2450923.483	22°08'38.82992"	83°30'48.69646"
172	P172	Patch - 3	759226.227	2450939.510	22°08'39.36094"	83°30'48.03963"
173	P173	Patch - 3	759218.675	2450947.090	22°08'39.61128"	83°30'47.78059"
174	P174	Patch - 3	759180.656	2451010.177	22°08'41.68157"	83°30'46.49095"
175	P175	Patch - 3	759210.081	2451064.676	22°08'43.43656"	83°30'47.54870"
176	P176	Patch - 3	759236.916	2451137.344	22°08'45.78330"	83°30'48.52660"
177	P177	Patch - 3	759235.813	2451159.471	22°08'46.50285"	83°30'48.50090"
178	P178	Patch - 3	759205.381	2451217.494	22°08'48.40452"	83°30'47.47297"
179	P179	Patch - 3	759169.332	2451258.815	22°08'49.76652"	83°30'46.23946"
180	P180	Patch - 3	759163.718	2451286.404	22°08'50.66595"	83°30'46.05957"
181	P181	Patch - 3	759168.931	2451327.617	22°08'52.00226"	83°30'46.26516"
182	P182	Patch - 3	759198.899	2451386.639	22°08'53.90393"	83°30'47.34448"
183	P183	Patch - 3	759239.427	2451430.809	22°08'55.31733"	83°30'48.78358"
184	P184	Patch - 3	759296.330	2451464.969	22°08'56.39665"	83°30'50.78804"
185	P185	Patch - 3	759376.658	2451508.216	22°08'57.75865"	83°30'53.61484"
186	P186	Patch - 3	759396.562	2451552.045	22°08'59.17205"	83°30'54.33439"
187	P187	Patch - 3	759420.392	2451574.472	22°08'59.88793"	83°30'55.17853"
188	P188	Patch - 3	759474.425	2451596.047	22°09'00.55987"	83°30'57.07565"
189	P189	Patch - 3	759553.985	2451630.891	22°09'01.64920"	83°30'59.87082"
190	P190	Patch - 3	759576.308	2451642.007	22°09'01.99836"	83°31'00.65586"
191	P191	Patch - 3	759659.691	2451510.047	22°08'57.66577"	83°31'03.48794"
192	P192	Patch - 3	759714.789	2451465.966	22°08'56.20379"	83°31'05.38424"
193	P193	Patch - 3	759725.398	2451550.754	22°08'58.95303"	83°31'05.80331"
194	P194	Patch - 3	759822.068	2451663.976	22°09'02.57978"	83°31'09.24063"
195	P195	Patch - 3	759850.209	2451706.100	22°09'03.93331"	83°31'10.24656"
196	P196	Patch - 3	759846.898	2451813.379	22°09'07.42083"	83°31'10.19315"
197	P197	Patch - 3	759790.545	2451880.485	22°09'09.63165"	83°31'08.26637"
198	P198	Patch - 3	759739.989	2451957.080	22°09'12.14763"	83°31'06.54730"
199	P199	Patch - 3	759772.617	2451975.297	22°09'12.72194"	83°31'07.69591"
200	P200	Patch - 3	759769.537	2451989.177	22°09'13.17461"	83°31'07.59650"
201	P201	Patch - 3	759729.697	2451985.382	22°09'13.07277"	83°31'06.20466"
202	P202	Patch - 3	759680.454	2451993.002	22°09'13.34688"	83°31'04.49145"
203	P203	Patch - 3	759638.104	2452029.208	22°09'14.54613"	83°31'03.03522"
204	P204	Patch - 3	759654.834	2452029.343	22°09'14.54151"	83°31'03.61882"
205	P205	Patch - 3	759710.872	2452035.964	22°09'14.72642"	83°31'05.57730"
206	P206	Patch - 3	759760.997	2452042.577	22°09'14.91429"	83°31'07.32952"
207	P207	Patch - 3	759779.970	2452053.569	22°09'15.26121"	83°31'07.99768"
208	P208	Patch - 3	759795.379	2452057.383	22°09'15.37685"	83°31'08.53734"
209	P209	Patch - 3	759830.904	2452069.836	22°09'15.76233"	83°31'09.78370"
210	P210	Patch - 3	759870.020	2452087.885	22°09'16.32769"	83°31'11.15855"
211	P211	Patch - 3	759902.626	2452098.708	22°09'16.66176"	83°31'12.30212"
212	P212	Patch - 3	759938.138	2452111.952	22°09'17.07293"	83°31'13.54848"

M/S HINDALCO INDUSTRIES LIMITED (HIL)

GARE PALMA IV/5 COAL BLOCK (TOTAL BLOCK AREA 797.655 HA)

SCHEDULE OF FOREST LAND (PROTECTED FOREST, RESERVED FOREST & REVENUE FOREST)

Details of Protected Forest and Reserved Forest

Sl. No	Circle	Division	Range	Compartment No	Forest Type	Patch No	Proposed Area (Ha.)	Patch Wise Proposed Area (Ha.)
1	Bilaspur	Raigarh	Tamnar	P 785	Protected Forest		4.399	
2				RF 784	Reserved Forest	Patch - 1	156.748	**174.276**
3				RF 782			13.129	
4				RF 722		Patch - 2	53.011	**53.011**
5				P 788	Protected Forest	Patch - 3	88.959	**88.959**
Total Proposed Area (Ha.)							**316.246**	**316.246**

Details of Revenue Forest (Chote Jhad Ka Jungal (CJJ) + Bade Jhad Ka Jungal (BJJ))

Sl. No	District	Tehsil	Village	Proposed Area (Ha.)		Village Wise Total Area (Ha.)
				CJJ Proposed Area (Ha.)	BJJ Proposed Area (Ha.)	
1	Raigarh	Tamnar	Kondkel	3.009	0.475	**3.484**
Total Proposed Area (Ha.)				**3.009**	**0.475**	**3.484**

Total Proposed PF/RF Area (Ha.)	**316.246**
Total Proposed Revenue Area (Ha.)	**3.484**
Total Proposed Forest Area (Ha.)	**319.730**

Legend

- PF/RF Patch Boundary Points
- GP IV/4 Lease Boundary
- Proposed PF/RF Patch Area
- Proposed PF/RF/ Area
- Proposed Revenue Area
- Village Boundary

Stock Map No :- 64N12/01 & 64N12/02

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Submitted By :
M/s Hindalco Industries Limited (HIL)
Gare Palma Mines, Raigrah (C.G.)

वन परिक्षेत्र अधिकारी
तमनार

D. Khan
Gare Palma IV/5 Coal Mine
Hindalco Industries Ltd.

वन मण्डलाधिकारी
रायगढ़ छत्तीसगढ़