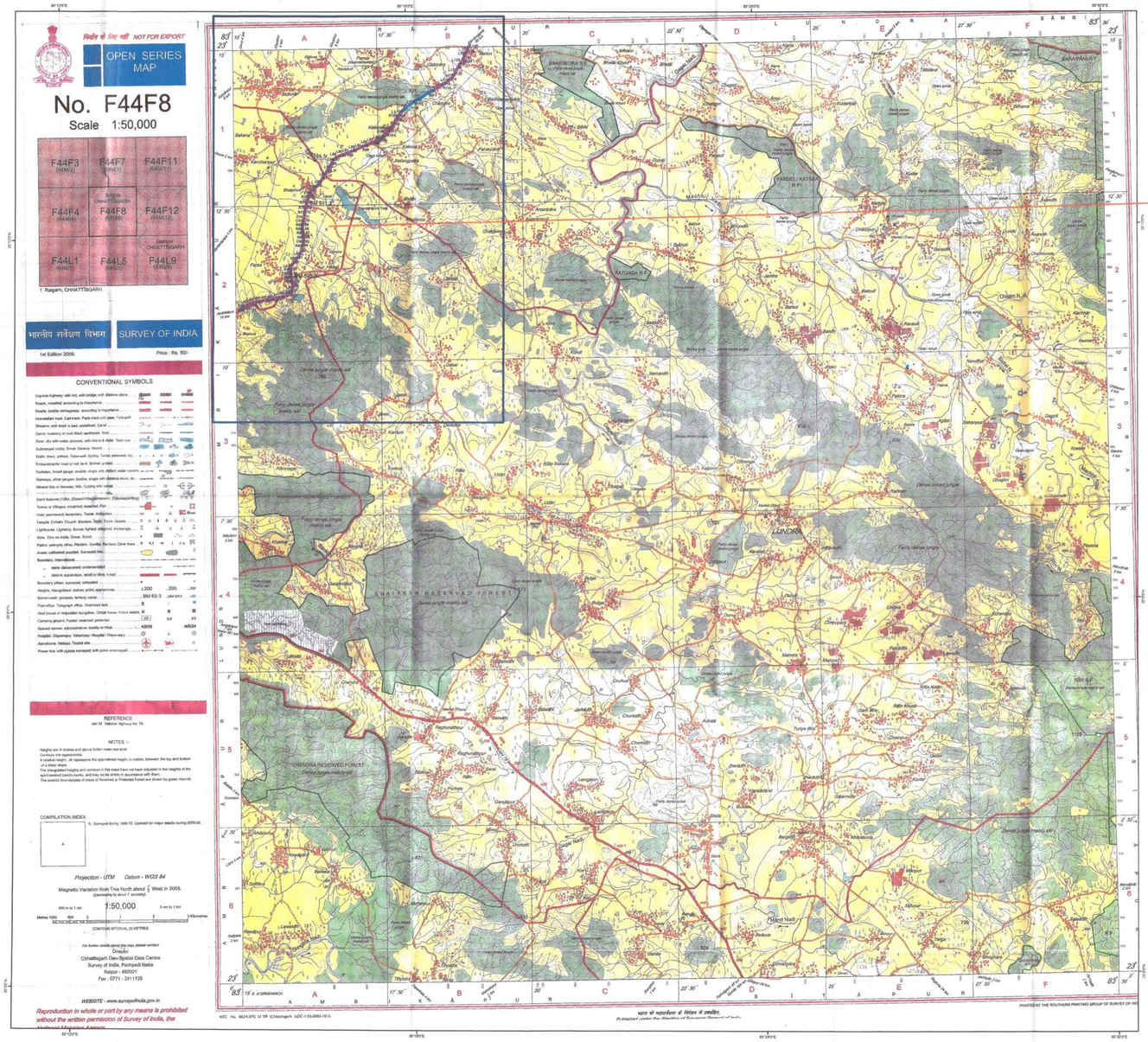
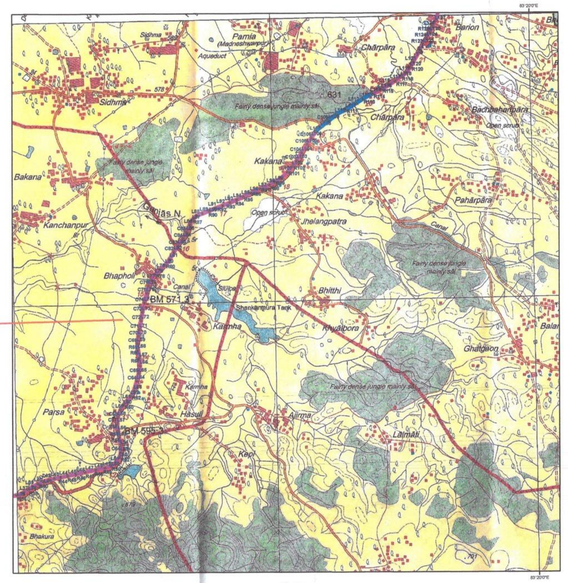
SURVEY SITE ON SOI TOPOSHEET NO. : 64M8
WIDENING OF EXISTING ROAD FROM AMBIKAPUR TO RAMANUJGANJ ROAD NH NO. 343
FOREST DIVISION BALRAMPUR
DISTRICT BALRAMPUR & SURGUJA
CHHATTISGARH





SURVEYED GROUND CONTROL POINTS

Point_ID	LongNode	Latitude	Point_ID	LongNode	Latitude	Point_ID	LongNode	Latitude	Point_ID	LongNode	Latitude
C37	83° 15' 3.437" E	23° 10' 51.001" N	C60	83° 16' 1.540" E	23° 11' 36.500" N	C83	83° 16' 34.744" E	23° 13' 0.667" N	C106	83° 17' 52.885" E	23° 13' 56.367" N
R37	83° 15' 3.717" E	23° 10' 50.586" N	R60	83° 16' 1.951" E	23° 11' 36.194" N	R83	83° 16' 35.256" E	23° 13' 0.484" N	R106	83° 17' 53.400" E	23° 13' 56.189" N
L37	83° 15' 3.277" E	23° 10' 51.479" N	L60	83° 16' 1.137" E	23° 11' 36.815" N	L83	83° 16' 34.932" E	23° 13' 0.972" N	L106	83° 17' 52.459" E	23° 13' 56.650" N
C38	83° 15' 5.204" E	23° 10' 52.395" N	C61	83° 16' 3.755" E	23° 11' 38.720" N	C84	83° 16' 37.790" E	23° 13' 4.367" N	C107	83° 17' 55.663" E	23° 13' 59.571" N
R38	83° 15' 6.419" E	23° 10' 51.948" N	R61	83° 16' 4.028" E	23° 11' 38.351" N	R84	83° 16' 38.198" E	23° 13' 4.056" N	R107	83° 17' 56.191" E	23° 13' 59.552" N
L38	83° 15' 5.820" E	23° 10' 52.755" N	L61	83° 16' 3.355" E	23° 11' 39.039" N	L84	83° 16' 37.368" E	23° 13' 4.658" N	L107	83° 17' 54.970" E	23° 13' 59.609" N
C39	83° 15' 9.088" E	23° 10' 53.875" N	C62	83° 16' 5.817" E	23° 11' 40.846" N	C85	83° 16' 39.852" E	23° 13' 7.854" N	C108	83° 17' 58.375" E	23° 14' 1.707" N
R39	83° 15' 9.294" E	23° 10' 53.423" N	R62	83° 16' 6.238" E	23° 11' 40.552" N	R85	83° 16' 40.319" E	23° 13' 7.626" N	R108	83° 17' 58.753" E	23° 14' 1.362" N
L39	83° 15' 8.806" E	23° 10' 54.289" N	L62	83° 16' 5.397" E	23° 11' 41.119" N	L85	83° 16' 39.360" E	23° 13' 8.032" N	L108	83° 17' 58.088" E	23° 14' 2.118" N
C40	83° 15' 11.957" E	23° 10' 55.320" N	C63	83° 16' 7.630" E	23° 11' 43.801" N	C86	83° 16' 41.781" E	23° 13' 11.524" N	C109	83° 18' 3.184" E	23° 14' 5.170" N
R40	83° 15' 12.182" E	23° 10' 54.879" N	R63	83° 16' 8.119" E	23° 11' 43.518" N	R86	83° 16' 42.226" E	23° 13' 11.256" N	R109	83° 18' 3.817" E	23° 14' 4.861" N
L40	83° 15' 11.675" E	23° 10' 55.734" N	L63	83° 16' 7.141" E	23° 11' 43.984" N	L86	83° 16' 41.307" E	23° 13' 11.738" N	L109	83° 18' 3.056" E	23° 14' 5.552" N
C41	83° 15' 14.929" E	23° 10' 56.522" N	C64	83° 16' 9.408" E	23° 11' 46.842" N	C87	83° 16' 43.374" E	23° 13' 14.080" N	C110	83° 18' 6.404" E	23° 14' 8.612" N
R41	83° 15' 15.151" E	23° 10' 56.060" N	R64	83° 16' 9.888" E	23° 11' 46.727" N	R87	83° 16' 43.796" E	23° 13' 13.784" N	R110	83° 18' 8.795" E	23° 14' 8.264" N
L41	83° 15' 14.746" E	23° 10' 56.979" N	L64	83° 16' 8.954" E	23° 11' 48.237" N	L87	83° 16' 42.959" E	23° 13' 14.381" N	L110	83° 18' 8.085" E	23° 14' 9.001" N
C42	83° 15' 17.899" E	23° 10' 57.393" N	C65	83° 16' 10.674" E	23° 11' 51.797" N	C88	83° 16' 46.181" E	23° 13' 16.298" N	C111	83° 18' 13.259" E	23° 14' 10.892" N
R42	83° 15' 18.124" E	23° 10' 56.920" N	R65	83° 16' 11.182" E	23° 11' 52.667" N	R88	83° 16' 46.534" E	23° 13' 15.904" N	R111	83° 18' 13.530" E	23° 14' 10.473" N
L42	83° 15' 17.873" E	23° 10' 57.867" N	L65	83° 16' 10.157" E	23° 11' 52.303" N	L88	83° 16' 45.841" E	23° 13' 16.727" N	L111	83° 18' 12.988" E	23° 14' 11.287" N
C43	83° 15' 20.200" E	23° 10' 58.019" N	C66	83° 16' 11.447" E	23° 11' 56.962" N	C89	83° 16' 49.425" E	23° 13' 17.527" N	C112	83° 18' 19.189" E	23° 14' 14.196" N
R43	83° 15' 21.374" E	23° 10' 57.538" N	R66	83° 16' 11.963" E	23° 11' 56.788" N	R89	83° 16' 49.552" E	23° 13' 17.051" N	R112	83° 18' 19.529" E	23° 14' 13.817" N
L43	83° 15' 21.086" E	23° 10' 58.479" N	L66	83° 16' 10.904" E	23° 11' 57.197" N	L89	83° 16' 49.196" E	23° 13' 17.969" N	L112	83° 18' 18.851" E	23° 14' 14.622" N
C44	83° 15' 24.692" E	23° 10' 58.626" N	C67	83° 16' 11.226" E	23° 12' 1.257" N	C90	83° 16' 53.020" E	23° 13' 18.747" N	C113	83° 18' 23.063" E	23° 14' 16.184" N
R44	83° 15' 24.782" E	23° 10' 58.145" N	R67	83° 16' 11.736" E	23° 12' 1.402" N	R90	83° 16' 53.333" E	23° 13' 18.334" N	R113	83° 18' 23.701" E	23° 14' 15.997" N
L44	83° 15' 24.573" E	23° 10' 59.101" N	L67	83° 16' 10.707" E	23° 12' 1.170" N	L90	83° 16' 52.796" E	23° 13' 19.191" N	L113	83° 18' 22.740" E	23° 14' 16.777" N
C45	83° 15' 28.550" E	23° 10' 59.313" N	C68	83° 16' 10.392" E	23° 12' 5.653" N	C91	83° 16' 56.821" E	23° 13' 20.037" N	C114	83° 18' 28.778" E	23° 14' 19.061" N
R45	83° 15' 28.705" E	23° 10' 58.844" N	R68	83° 16' 10.913" E	23° 12' 5.732" N	R91	83° 16' 56.922" E	23° 13' 19.552" N	R114	83° 18' 29.144" E	23° 14' 18.682" N
L45	83° 15' 28.452" E	23° 10' 59.792" N	L68	83° 16' 9.860" E	23° 12' 5.637" N	L91	83° 16' 56.682" E	23° 13' 20.509" N	L114	83° 18' 28.417" E	23° 14' 19.442" N
C46	83° 15' 33.215" E	23° 11' 0.144" N	C69	83° 16' 10.136" E	23° 12' 8.909" N	C92	83° 17' 1.030" E	23° 13' 21.461" N	C115	83° 18' 33.524" E	23° 14' 21.249" N
R46	83° 15' 33.391" E	23° 10' 59.679" N	R69	83° 16' 10.655" E	23° 12' 8.734" N	R92	83° 17' 1.230" E	23° 13' 21.013" N	R115	83° 18' 33.988" E	23° 14' 20.925" N
L46	83° 15' 33.148" E	23° 11' 0.629" N	L69	83° 16' 9.619" E	23° 12' 9.096" N	L92	83° 17' 0.897" E	23° 13' 21.938" N	L115	83° 18' 33.272" E	23° 14' 21.677" N
C47	83° 15' 38.324" E	23° 11' 1.054" N	C70	83° 16' 10.811" E	23° 12' 12.884" N	C93	83° 17' 5.117" E	23° 13' 22.870" N	C116	83° 18' 38.277" E	23° 14' 23.728" N
R47	83° 15' 38.430" E	23° 11' 0.577" N	R70	83° 16' 11.317" E	23° 12' 12.734" N	R93	83° 17' 5.319" E	23° 13' 22.416" N	R116	83° 18' 38.548" E	23° 14' 23.309" N
L47	83° 15' 38.162" E	23° 11' 1.522" N	L70	83° 16' 10.307" E	23° 12' 13.022" N	L93	83° 17' 4.934" E	23° 13' 23.324" N	L116	83° 18' 38.006" E	23° 14' 24.140" N
C48	83° 15' 44.468" E	23° 11' 2.148" N	C71	83° 16' 11.560" E	23° 12' 16.469" N	C94	83° 17' 9.108" E	23° 13' 24.419" N	C117	83° 18' 41.705" E	23° 14' 25.765" N
R48	83° 15' 44.643" E	23° 11' 1.684" N	R71	83° 16' 12.084" E	23° 12' 16.458" N	R94	83° 17' 9.348" E	23° 13' 23.984" N	R117	83° 18' 41.947" E	23° 14' 25.322" N
L48	83° 15' 44.364" E	23° 11' 2.627" N	L71	83° 16' 11.055" E	23° 12' 16.024" N	L94	83° 17' 8.957" E	23° 13' 24.890" N	L117	83° 18' 41.518" E	23° 14' 26.117" N
C49	83° 15' 50.047" E	23° 11' 3.143" N	C72	83° 16' 12.539" E	23° 12' 21.158" N	C95	83° 17' 12.895" E	23° 13' 25.938" N	C118	83° 18' 44.881" E	23° 14' 27.806" N
R49	83° 15' 50.188" E	23° 11' 2.672" N	R72	83° 16' 13.047" E	23° 12' 21.021" N	R95	83° 17' 13.052" E	23° 13' 25.469" N	R118	83° 18' 45.349" E	23° 14' 27.513" N
L49	83° 15' 49.929" E	23° 11' 3.617" N	L72	83° 16' 12.027" E	23° 12' 21.282" N	L95	83° 17' 12.740" E	23° 13' 26.363" N	L118	83° 18' 44.684" E	23° 14' 28.240" N
C50	83° 15' 53.520" E	23° 11' 4.120" N	C73	83° 16' 13.467" E	23° 12' 25.604" N	C96	83° 17' 17.354" E	23° 13' 27.726" N	C119	83° 18' 48.163" E	23° 14' 30.139" N
R50	83° 15' 53.793" E	23° 11' 4.675" N	R73	83° 16' 14.011" E	23° 12' 25.650" N	R96	83° 17' 17.699" E	23° 13' 27.333" N	R119	83° 18' 48.531" E	23° 14' 29.790" N
L50	83° 15' 53.290" E	23° 11' 4.560" N	L73	83° 16' 12.930" E	23° 12' 25.603" N	L96	83° 17' 17.065" E	23° 13' 28.141" N	L119	83° 18' 47.795" E	23° 14' 30.488" N
C51	83° 15' 56.402" E	23° 11' 6.017" N	C74	83° 16' 14.832" E	23° 12' 30.637" N	C97	83° 17' 22.591" E	23° 13' 29.816" N	C120	83° 18' 50.534" E	23° 14' 32.923" N
R51	83° 15' 56.788" E	23° 11' 5.685" N	R74	83° 16' 15.143" E	23° 12' 30.518" N	R97	83° 17' 22.872" E	23° 13' 29.397" N	R120	83° 18' 50.996" E	23° 14' 32.704" N
L51	83° 15' 56.028" E	23° 11' 6.362" N	L74	83° 16' 14.120" E	23° 12' 30.756" N	L97	83° 17' 22.276" E	23° 13' 30.221" N	L120	83° 18' 50.053" E	23° 14' 33.147" N
C52	83° 15' 58.443" E	23° 11' 8.689" N	C75	83° 16' 16.168" E	23° 12' 35.791" N	C98	83° 17' 27.880" E	23° 13' 31.908" N	C121	83° 18' 52.142" E	23° 14' 35.499" N
R52	83° 15' 58.926" E	23° 11' 8.493" N	R75	83° 16' 16.722" E	23° 12' 35.808" N	R98	83° 17' 28.115" E	23° 13' 31.471" N	R121	83° 18' 52.696" E	23° 14' 35.404" N
L52	83° 15' 57.967" E	23° 11' 8.899" N	L75	83° 16' 15.646" E	23° 12' 35.874" N	L98	83° 17' 27.673" E	23° 13' 32.357" N	L121	83° 18' 51.620" E	23° 14' 35.633" N
C53	83° 15' 59.319" E	23° 11' 11.183" N	C76	83° 16' 17.379" E	23° 12' 39.599" N	C99	83° 17' 31.062" E	23° 13' 33.282" N	C122	83° 18' 56.084" E	23° 14' 41.823" N
R53	83° 15' 59.835" E	23° 11' 11.114" N	R76	83° 16' 17.872" E	23° 12' 39.425" N	R99	83° 17' 31.311" E	23° 13' 32.852" N	R122	83° 18' 56.560" E	23° 14' 41.574" N
L53	83° 15' 58.793" E	23° 11' 11.269" N	L76	83° 16' 16.900" E	23° 12' 39.824" N	L99	83° 17' 30.813" E	23° 13' 33.712" N	L122	83° 18' 55.648" E	23° 14' 42.060" N
C54	83° 15' 59.266" E	23° 11' 15.085" N	C77	83° 16' 18.956" E	23° 12' 42.722" N	C100	83° 17' 34.612" E	23° 13' 35.369" N	C123	83° 18' 57.997" E	23° 14' 44.770" N
R54	83° 15' 59.786" E	23° 11' 15.170" N	R77	83° 16' 19.407" E	23° 12' 42.470" N	R100	83° 17' 34.927" E	23° 13' 34.979" N	R123	83° 18' 58.234" E	23° 14' 44.445" N
L54	83° 15' 58.751" E	23° 11' 14.972" N	L77	83° 16' 18.505" E	23° 12' 42.975" N	L100	83° 17' 34.296" E	23° 13' 35.760" N	L123	83° 18' 57.671" E	23° 14' 44.929" N
C55	83° 15' 58.552" E	23° 11' 19.449" N	C78	83° 16' 21.277" E	23° 12' 45.534" N	C101	83° 17' 38.347" E	23° 13' 38.444" N	C124	83° 18' 59.969" E	23° 14' 48.050" N
R55	83° 15' 59.043" E	23° 11' 19.582" N	R78	83° 16' 21.858" E	23° 12' 45.198" N	R101	83° 17' 38.772" E	23° 13' 38.148" N	R124	83° 19' 0.277" E	23° 14' 47.960" N
L55	83° 15' 58.032" E	23° 11' 19.368" N	L78	83° 16' 20.899" E	23° 12' 45.874" N	L101	83° 17' 37.953" E	23° 13' 38.769" N	L124	83° 18' 59.692" E	23° 14' 48.139" N
C56	83° 15' 58.025" E	23° 11' 22.665" N	C79	83° 16' 24.414" E	23° 12' 48.120" N	C102	83° 17' 41.308" E	23° 13' 41.303" N	C125	83° 19' 1.881" E	23° 14' 51.172" N
R56	83° 15' 58.549" E	23° 11' 22.718" N	R79	83° 16' 24.757" E	23° 12' 47.745" N	R102	83° 17' 41.895" E	23° 13' 41.192" N	R125	83° 19' 2.148" E	23° 14' 51.099" N
L56	83° 15' 57.505" E	23° 11' 22.580" N	L79	83° 16' 24.077" E	23° 12' 48.495" N	L102	83° 17' 40.811" E	23° 13' 41.523" N	L125	83° 19' 1.543" E	23° 14' 51.236" N
C57	83° 15' 57.643" E	23° 11' 26.704" N	C80	83° 16' 27.180" E	23° 12' 50.428" N	C103	83° 17' 43.896" E	23° 13' 44.478" N	C126	83° 19' 3.608" E	23° 14' 54.167" N
R57	83° 15' 58.170" E	23° 11' 26.691" N	R80	83° 16' 27.575" E	23° 12' 50.090" N	R103	83° 17' 44.331" E	23° 13' 44.202" N	R126	83° 19' 3.904" E	23° 14' 54.058" N
L57	83° 15' 57.116" E	23° 11' 26.727" N	L80	83° 16' 26.815" E	23° 12' 50.767" N	L103	83° 17' 43.461" E	23° 13' 44.753" N	L126	83° 19' 3.301" E	23° 14' 54.157" N
C58	83° 15' 58.084" E	23° 11' 29.815" N	C81	83° 16' 29.857" E	23° 12' 53.567" N	C104	83° 17' 46.878" E	23° 13' 48.494" N	C127	83° 19' 4.940" E	23° 14' 56.788" N
R58	83° 15' 58.612" E	23° 11' 29.862" N	R81	83° 16' 30.277" E	23° 12' 53.230" N	R104	83° 17' 47.436" E	23° 13' 48.388" N	R127	83° 19' 5.264" E	23° 14' 56.747" N
L58	83° 15' 57.578" E	23° 11' 30.055" N	L81	83° 16' 29.488" E	23° 12' 53.936" N	L104	83° 17' 46.459" E	23° 13' 48.791" N	L127	83° 19' 4.625" E	23° 14' 56.850" N
C59	83° 15' 59.701" E	23° 11' 33.922" N	C82	83° 16' 32.323" E	23° 12' 57.369" N	C105	83° 17' 50.207" E	23° 13' 52.891" N	1	83° 18' 56.018" E	23° 14' 40.700" N
R59	83° 16' 0.159" E	23° 11' 33.672" N	R82	83° 16' 32.795" E	23° 12' 57.148" N	R105	83° 17' 50.656" E	23° 13' 52.632" N	2	83° 18' 55.980" E	23° 14' 40.777" N
L59	83° 16' 0.159" E	23° 11' 34.110" N	L82	83° 16' 31.932" E	23° 12' 57.710" N	L105	83° 17' 49.698" E	23° 13' 53.071" N	3	83° 18' 56.117" E	23° 14' 40.994" N
									4	83° 18' 56.454" E	23° 14' 41.630" N

Geographic Coordinate Systems
WGS 1984
Projected Coordinate Systems
WGS 1984 UTM Zone 44N

Scale
1:50,000
1 centimeter = 500 meters
0 1,250 2,500 5,000 7,500 10,000 Meters

THIS MAP IS TO BE PRINTED IN A0 SIZE

SEAL & SIGN

MAP PREPARED BY
COMPUTER PLUS RAIPUR

Legend

- SURVEYED_GROUND_CONTROL_POINTS
- CENTER_LINE

Survey Site Total Area : 237.327 (In Hectare)

- Total Protected Forest Area : 79.623 (In Hectare)
- Total Reserve Forest Area : 7.035 (In Hectare)
- Total Revenue Forest Area : 5.897 (In Hectare)
- Total Revenue Non-Forest Area : 144.872 (In Hectare)

SOI TOPOSHEET MAP NO. 64M8

RGB

- Red: Band_1
- Green: Band_2
- Blue: Band_3

Executive Engineer
P.W.D. H.H. Division
Ambikapur(C.G.)

Sub Divisional Officer
P.W.D.H.H. Sub-Division
Ambikapur(C.G.)