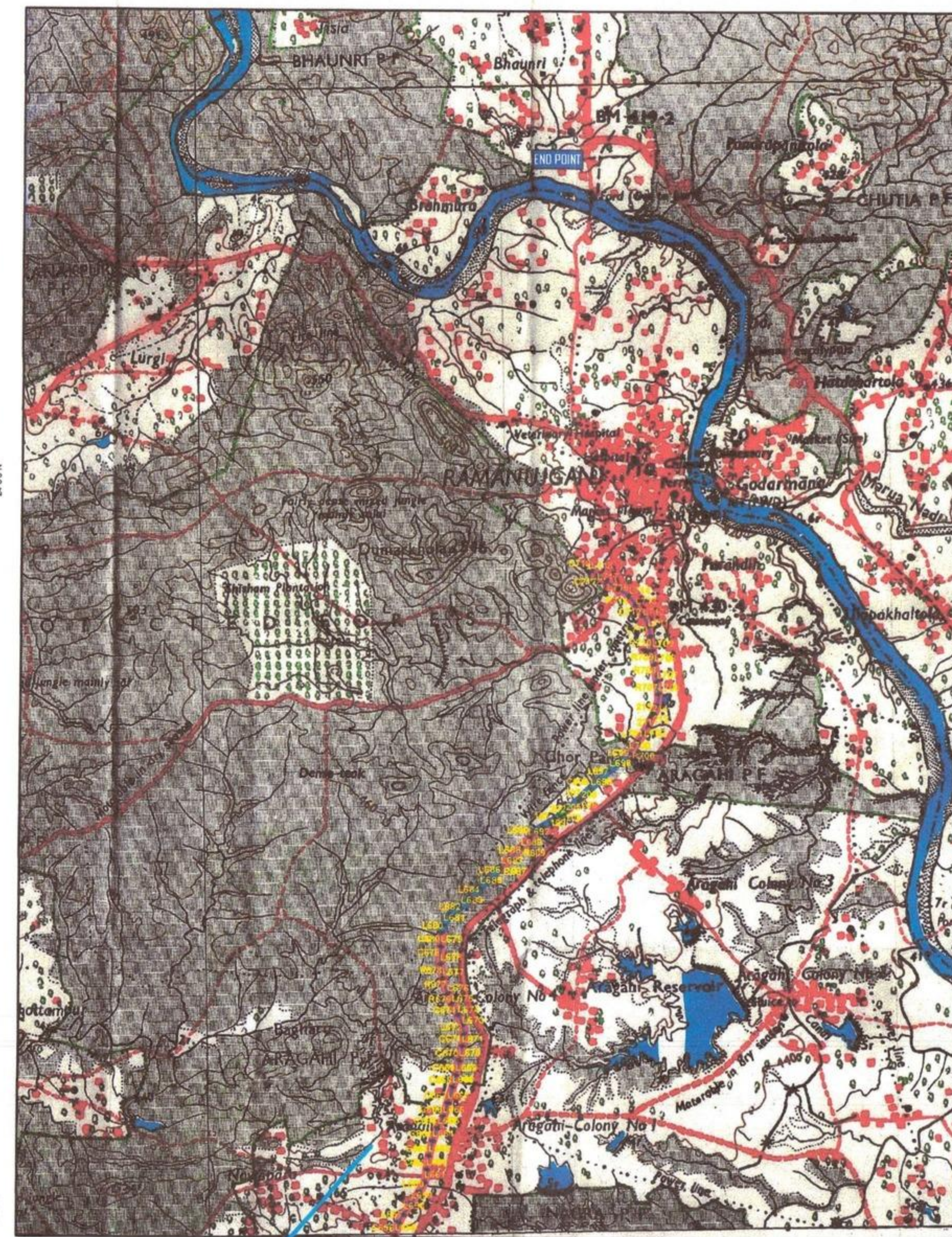
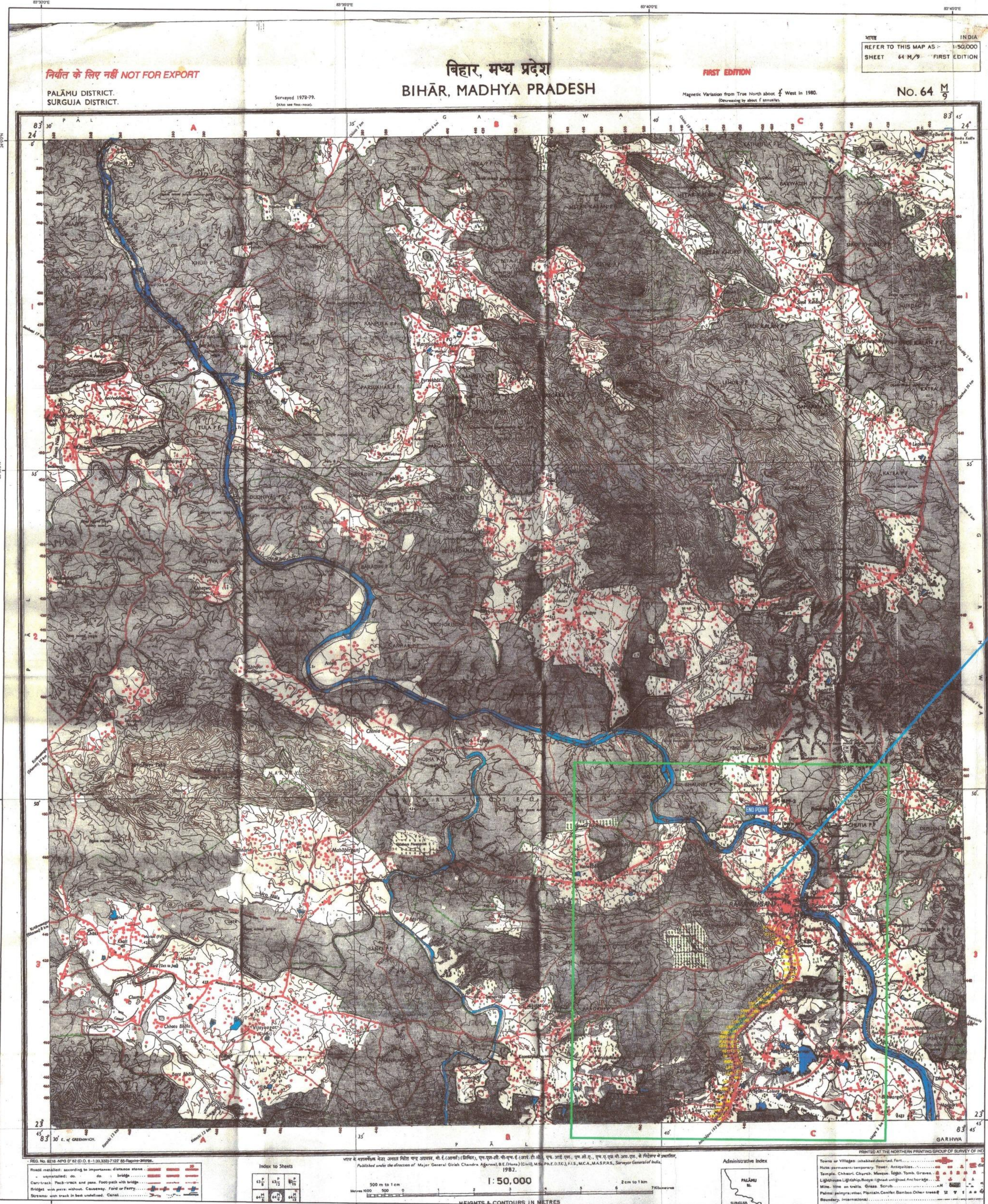




SURVEY SITE ON SOI TOPOSHEET No.: 64M9  
WIDENING OF EXISTING ROAD FROM  
AMBIKAPUR TO RAMANUJGANJ ROAD NH NO. 343  
FOREST DIVISION BALRAMPUR  
DISTRICT BALRAMPUR & SURGUJA  
CHHATTISGARH



Scale  
1:31,500  
1 centimeter = 315 meters  
0 700 1,400 2,800 Meters

SURVEYED GROUND CONTROL POINTS

| Point ID | Longitude         | Latitude          | Point ID | Longitude         | Latitude          | Point ID | Longitude         | Latitude          |
|----------|-------------------|-------------------|----------|-------------------|-------------------|----------|-------------------|-------------------|
| C656     | 83° 40' 53.071" E | 23° 45' 02.213" N | L679     | 83° 41' 6.839" E  | 23° 46' 15.719" N | R703     | 83° 42' 7.393" E  | 23° 47' 12.803" N |
| R656     | 83° 40' 53.580" E | 23° 45' 02.027" N | C680     | 83° 41' 7.907" E  | 23° 46' 16.240" N | L703     | 83° 42' 6.417" E  | 23° 47' 13.197" N |
| L656     | 83° 40' 53.560" E | 23° 45' 0.841" N  | R680     | 83° 41' 6.030" E  | 23° 46' 19.270" N | C704     | 83° 42' 6.584" E  | 23° 47' 13.853" N |
| C657     | 83° 40' 54.118" E | 23° 45' 3.451" N  | L680     | 83° 41' 6.939" E  | 23° 46' 19.176" N | R704     | 83° 42' 6.088" E  | 23° 47' 15.687" N |
| R657     | 83° 40' 54.610" E | 23° 45' 3.284" N  | C681     | 83° 41' 6.980" E  | 23° 46' 21.110" N | L704     | 83° 42' 6.332" E  | 23° 47' 16.111" N |
| L657     | 83° 40' 53.631" E | 23° 45' 3.641" N  | R681     | 83° 41' 6.641" E  | 23° 46' 21.111" N | C705     | 83° 42' 6.611" E  | 23° 47' 16.000" N |
| C658     | 83° 40' 55.374" E | 23° 45' 5.504" N  | L681     | 83° 41' 7.577" E  | 23° 46' 21.320" N | R705     | 83° 42' 10.110" E | 23° 47' 17.857" N |
| R658     | 83° 40' 55.861" E | 23° 45' 5.260" N  | C682     | 83° 41' 8.981" E  | 23° 46' 23.240" N | L705     | 83° 42' 9.107" E  | 23° 47' 18.140" N |
| L658     | 83° 40' 54.984" E | 23° 45' 5.838" N  | R682     | 83° 41' 10.315" E | 23° 46' 23.380" N | C706     | 83° 42' 9.997" E  | 23° 47' 21.003" N |
| C659     | 83° 40' 57.719" E | 23° 45' 8.860" N  | L682     | 83° 41' 9.697" E  | 23° 46' 24.340" N | R706     | 83° 42' 9.677" E  | 23° 47' 20.887" N |
| R659     | 83° 40' 58.287" E | 23° 45' 8.247" N  | C683     | 83° 41' 12.832" E | 23° 46' 25.390" N | L706     | 83° 42' 10.527" E | 23° 47' 21.095" N |
| L659     | 83° 40' 57.274" E | 23° 45' 8.632" N  | R683     | 83° 41' 13.243" E | 23° 46' 25.612" N | C707     | 83° 42' 9.584" E  | 23° 47' 24.277" N |
| C660     | 83° 41' 13.131" E | 23° 45' 11.313" N | L683     | 83° 41' 13.842" E | 23° 46' 26.340" N | R707     | 83° 42' 10.080" E | 23° 47' 24.420" N |
| R660     | 83° 41' 0.595" E  | 23° 45' 11.073" N | C684     | 83° 41' 15.893" E | 23° 46' 28.384" N | L707     | 83° 42' 9.070" E  | 23° 47' 24.159" N |
| L660     | 83° 40' 56.697" E | 23° 45' 11.540" N | R684     | 83° 41' 16.837" E | 23° 46' 28.507" N | C708     | 83° 42' 8.840" E  | 23° 47' 28.773" N |
| C661     | 83° 41' 1.644" E  | 23° 45' 13.707" N | L684     | 83° 41' 15.827" E | 23° 46' 28.607" N | R708     | 83° 42' 8.457" E  | 23° 47' 28.903" N |
| R661     | 83° 41' 1.140" E  | 23° 45' 13.623" N | C685     | 83° 41' 18.415" E | 23° 46' 30.923" N | L708     | 83° 42' 8.430" E  | 23° 47' 28.563" N |
| L661     | 83° 41' 1.174" E  | 23° 45' 14.039" N | R685     | 83° 41' 18.840" E | 23° 46' 30.865" N | C709     | 83° 42' 8.387" E  | 23° 47' 32.430" N |
| C662     | 83° 41' 1.353" E  | 23° 45' 17.139" N | L685     | 83° 41' 18.041" E | 23° 46' 31.309" N | R709     | 83° 42' 8.929" E  | 23° 47' 31.380" N |
| R662     | 83° 41' 2.877" E  | 23° 45' 17.066" N | C686     | 83° 41' 21.164" E | 23° 46' 33.447" N | L709     | 83° 42' 7.853" E  | 23° 47' 32.414" N |
| L662     | 83° 41' 1.853" E  | 23° 45' 17.232" N | R686     | 83° 41' 21.337" E | 23° 46' 33.008" N | C710     | 83° 42' 7.807" E  | 23° 47' 36.140" N |
| C663     | 83° 41' 3.027" E  | 23° 45' 20.826" N | L686     | 83° 41' 20.753" E | 23° 46' 33.758" N | R710     | 83° 42' 8.330" E  | 23° 47' 36.132" N |
| R663     | 83° 41' 3.543" E  | 23° 45' 20.718" N | C687     | 83° 41' 24.337" E | 23° 46' 36.175" N | L710     | 83° 42' 7.281" E  | 23° 47' 36.098" N |
| L663     | 83° 41' 2.535" E  | 23° 45' 20.951" N | R687     | 83° 41' 24.897" E | 23° 46' 36.700" N | C711     | 83° 42' 7.280" E  | 23° 47' 36.729" N |
| C664     | 83° 41' 4.134" E  | 23° 45' 24.723" N | L687     | 83° 41' 23.863" E | 23° 46' 36.555" N | R711     | 83° 42' 7.827" E  | 23° 47' 38.793" N |
| R664     | 83° 41' 4.655" E  | 23° 45' 24.955" N | C688     | 83° 41' 26.794" E | 23° 46' 38.503" N | L711     | 83° 42' 6.789" E  | 23° 47' 38.661" N |
| L664     | 83° 41' 4.635" E  | 23° 45' 24.824" N | R688     | 83° 41' 27.237" E | 23° 46' 38.218" N | C712     | 83° 42' 5.807" E  | 23° 47' 41.003" N |
| C665     | 83° 41' 5.566" E  | 23° 45' 27.954" N | L688     | 83° 41' 26.418" E | 23° 46' 38.845" N | R712     | 83° 42' 6.328" E  | 23° 47' 41.842" N |
| R665     | 83° 41' 6.037" E  | 23° 45' 27.748" N | C689     | 83° 41' 29.617" E | 23° 46' 40.303" N | L712     | 83° 42' 5.397" E  | 23° 47' 41.375" N |
| L665     | 83° 41' 5.088" E  | 23° 45' 28.164" N | R689     | 83° 41' 30.215" E | 23° 46' 40.981" N | C713     | 83° 42' 5.747" E  | 23° 47' 44.498" N |
| C666     | 83° 41' 7.225" E  | 23° 45' 30.950" N | L689     | 83° 41' 29.661" E | 23° 46' 41.665" N | R713     | 83° 42' 4.173" E  | 23° 47' 44.789" N |
| R666     | 83° 41' 7.747" E  | 23° 45' 30.832" N | C690     | 83° 41' 32.230" E | 23° 46' 43.644" N | L713     | 83° 42' 3.309" E  | 23° 47' 44.225" N |
| L666     | 83° 41' 6.703" E  | 23° 45' 31.070" N | R690     | 83° 41' 32.893" E | 23° 46' 43.202" N | C714     | 83° 42' 1.847" E  | 23° 47' 46.781" N |
| C667     | 83° 41' 8.583" E  | 23° 45' 34.539" N | L690     | 83° 41' 32.063" E | 23° 46' 43.911" N | R714     | 83° 42' 2.192" E  | 23° 47' 47.154" N |
| R667     | 83° 41' 8.110" E  | 23° 45' 34.541" N | C691     | 83° 41' 34.831" E | 23° 46' 45.613" N | L714     | 83° 42' 1.498" E  | 23° 47' 46.412" N |
| L667     | 83° 41' 8.045" E  | 23° 45' 34.672" N | R691     | 83° 41' 35.366" E | 23° 46' 45.378" N | C715     | 83° 41' 58.951" E | 23° 47' 48.795" N |
| C668     | 83° 41' 9.997" E  | 23° 45' 38.757" N | L691     | 83° 41' 34.498" E | 23° 46' 45.948" N | R715     | 83° 41' 59.237" E | 23° 47' 49.208" N |
| R668     | 83° 41' 10.504" E | 23° 45' 38.512" N | C692     | 83° 41' 36.887" E | 23° 46' 46.607" N | L715     | 83° 41' 58.722" E | 23° 47' 48.515" N |
| L668     | 83° 41' 9.497" E  | 23° 45' 38.901" N | R692     | 83° 41' 37.095" E | 23° 46' 46.395" N | C716     | 83° 41' 55.582" E | 23° 47' 50.777" N |
| C669     | 83° 41' 10.837" E | 23° 45' 41.707" N | L692     | 83° 41' 36.887" E | 23° 46' 47.028" N | R716     | 83° 41' 56.927" E | 23° 47' 51.155" N |
| R669     | 83° 41' 11.450" E | 23° 45' 41.670" N | C693     | 83° 41' 39.903" E | 23° 46' 48.415" N | L716     | 83° 41' 55.288" E | 23° 47' 50.371" N |
| L669     | 83° 41' 10.424" E | 23° 45' 41.514" N | R693     | 83° 41' 40.307" E | 23° 46' 48.005" N | C717     | 83° 41' 52.951" E | 23° 47' 52.354" N |
| C670     | 83° 41' 11.931" E | 23° 45' 45.649" N | L693     | 83° 41' 39.751" E | 23° 46' 48.813" N | R717     | 83° 41' 53.394" E | 23° 47' 51.961" N |
| R670     | 83° 41' 12.424" E | 23° 45' 45.438" N | C694     | 83° 41' 43.834" E | 23° 46' 51.226" N | L717     | 83° 41' 52.467" E | 23° 47' 51.774" N |
| L670     | 83° 41' 11.407" E | 23° 45' 45.800" N | R694     | 83° 41' 44.358" E | 23° 46' 50.840" N | C718     | 83° 41' 51.367" E | 23° 47' 51.507" N |
| C671     | 83° 41' 12.872" E | 23° 45' 49.861" N | L694     | 83° 41' 43.500" E | 23° 46' 51.603" N | R718     | 83° 41' 53.307" E | 23° 47' 54.074" N |
| R671     | 83° 41' 13.418" E | 23° 45' 49.871" N | C695     | 83° 41' 47.399" E | 23° 46' 54.013" N | L718     | 83° 41' 50.789" E | 23° 47' 51.051" N |
| L671     | 83° 41' 12.344" E | 23° 45' 49.843" N | R695     | 83° 41' 47.807" E | 23° 46' 53.777" N | C719     | 83° 41' 48.868" E | 23° 47' 47.280" N |
| C672     | 83° 41' 13.369" E | 23° 45' 52.508" N | L695     | 83° 41' 46.958" E | 23° 46' 54.300" N | R719     | 83° 41' 38.058" E | 23° 46' 47.552" N |
| R672     | 83° 41' 13.896" E | 23° 45' 52.670" N | C696     | 83° 41' 50.233" E | 23° 46' 56.440" N | L719     | 83° 41' 39.599" E | 23° 46' 48.195" N |
| L672     | 83° 41' 12.839" E | 23° 45' 52.364" N | R696     | 83° 41' 50.819" E | 23° 46' 56.143" N | C720     | 83° 41' 38.760" E | 23° 46' 47.852" N |
| C673     | 83° 41' 13.946" E | 23° 45' 54.937" N | L696     | 83° 41' 49.900" E | 23° 46' 56.861" N | R720     | 83° 41' 39.833" E | 23° 46' 47.800" N |
| R673     | 83° 41' 13.465" E | 23° 45' 55.058" N | C697     | 83° 41' 52.300" E | 23° 46' 58.759" N | L720     | 83° 41' 40.190" E | 23° 46' 48.560" N |
| L673     | 83° 41' 12.464" E | 23° 45' 54.724" N | R697     | 83° 41' 53.319" E | 23° 46' 58.445" N | C721     | 83° 41' 41.607" E | 23° 46' 49.142" N |
| C674     | 83° 41' 15.672" E | 23° 45' 57.230" N | L697     | 83° 41' 52.538" E | 23° 46' 59.109" N | R721     | 83° 41' 41.973" E | 23° 46' 49.213" N |
| R674     | 83° 41' 15.187" E | 23° 45' 57.587" N | C698     | 83° 41' 55.847" E | 23° 47' 1.097" N  | L721     | 83° 41' 55.847" E | 23° 46' 49.769" N |
| L674     | 83° 41' 11.205" E | 23° 45' 57.305" N | R698     | 83° 41' 56.069" E | 23° 47' 0.742" N  | C722     | 83° 41' 45.011" E | 23° 46' 50.400" N |
| C675     | 83° 41' 9.955" E  | 23° 46' 0.577" N  | L698     | 83° 41' 55.300" E | 23° 47' 1.400" N  | R722     | 83° 41' 45.168" E | 23° 46' 49.328" N |
| R675     | 83° 41' 10.455" E | 23° 46' 0.214" N  | C699     | 83° 41' 58.047" E | 23° 47' 3.503" N  | L722     | 83° 41' 46.767" E | 23° 46' 52.813" N |
| L675     | 83° 41' 9.331" E  | 23° 46' 0.268" N  | R699     | 83° 41' 59.363" E | 23° 47' 3.151" N  | C723     | 83° 41' 45.518" E | 23° 46' 52.975" N |
| C676     | 83° 41' 10.780" E | 23° 46' 3.054" N  | L699     | 83° 41' 58.007" E | 23° 47' 3.840" N  | R723     | 83° 41' 45.900" E | 23° 46' 53.326" N |
| R676     | 83° 41' 9.267" E  | 23° 46' 3.270" N  | C700     | 83° 42' 1.447" E  | 23° 47' 5.553" N  | L723     | 83° 41' 45.260" E | 23° 46' 53.543" N |
| L676     | 83° 41' 8.329" E  | 23° 46' 2.706" N  | R700     | 83° 42' 1.896" E  | 23° 47' 5.323" N  | C724     | 83° 41' 42.539" E | 23° 46' 53.666" N |
| C677     | 83° 41' 12.547" E | 23° 46' 7.077" N  | L700     | 83° 42' 1.001" E  | 23° 47' 8.899" N  | R724     | 83° 41' 42.737" E | 23° 46' 53.007" N |
| R677     | 83° 41' 10.033" E | 23° 46' 7.132" N  | C701     | 83° 42' 3.995" E  | 23° 47' 8.744" N  | L724     | 83° 41' 42.539" E | 23° 46' 53.007" N |
| L677     | 83° 41' 7.022" E  | 23° 46' 6.967" N  | R701     | 83° 42' 4.330" E  | 23° 47' 8.277" N  | C725     | 83° 41' 42.539" E | 23° 46' 53.007" N |
| C678     | 83° 41' 12.084" E | 23° 46' 10.844" N | L701     | 83° 42' 3.464" E  | 23° 47' 8.804" N  | R725     | 83° 41' 42.539" E | 23° 46' 53.007" N |
| R678     | 83° 41' 7.557" E  | 23° 46' 10.889" N | C702     | 83° 42' 5.688" E  | 23° 47' 11.025" N | L725     | 83° 41' 42.539" E | 23° 46' 53.007" N |
| L678     | 83° 41' 6.500" E  | 23° 46' 10.834" N | R702     | 83° 42' 6.118" E  | 23° 47' 10.723" N | C726     | 83° 41' 42.539" E | 23° 46' 53.007" N |
| C679     | 83° 41' 7.187" E  | 23° 46' 15.627" N | L702     | 83° 42' 5.302" E  | 23° 47' 11.363" N | R726     | 83° 41' 42.539" E | 23° 46' 53.007" N |
| R679     | 83° 41' 7.686" E  | 23° 46' 15.502" N | C703     | 83° 42' 6.895" E  | 23° 47' 12.981" N | L726     | 83° 41' 42.539" E | 23° 46' 53.007" N |

Scale  
1:50,000  
1 centimeter = 500 meters  
0 1,400 2,800 5,600 Meters

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



Legend  
SURVEYED GROUND CONTROL POINTS  
CENTER LINE  
Survey Site Total Area : 237.327 (In Hectare)  
Total Protected Forest Area : 79.523 (In Hectare)  
Total Revenue Forest Area : 7.035 (In Hectare)  
Total Revenue Non-Forest Area : 144.872 (In Hectare)  
SOI TOPOSHEET MAP NO. 64M9  
RGB  
Red: Band\_1  
Green: Band\_2  
Blue: Band\_3

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

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



Seal of the Survey of India.