

# DGPS SURVEY BOUNDARY OF CA LAND AREA AGAINST COSTRUCTION OF SURAJPUR DISTRICT COURT BUILDING SUPERIMPOSED ON TOPOSHEET

## VILLAGE - BAKIRMA, BLOCK - PREMNAGAR, DISTRICT - SURAJPUR, CHHATTISGARH

TOPOSHEET No.-64J09

82°33'0"E

82°36'0"E

82°39'0"E

82°42'0"E

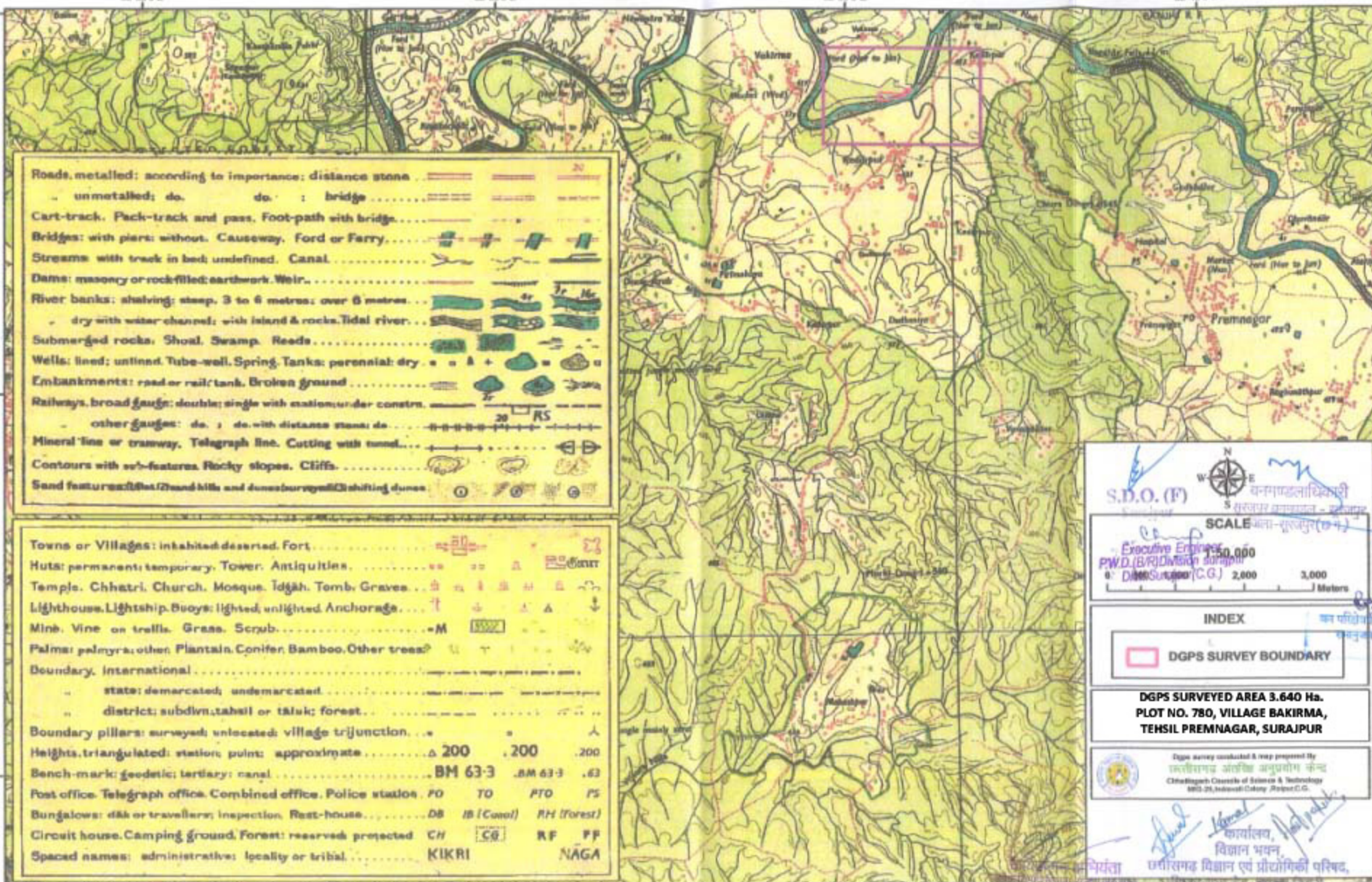
22°50'0"N

22°51'0"N

22°54'0"N

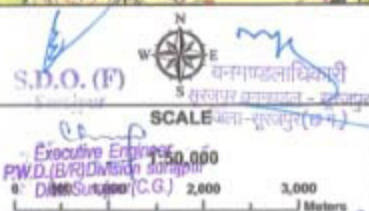
22°51'0"N

22°54'0"N



Roads, metalled: according to importance: distance stone .....  
 unmetalled: do. do. : bridge .....  
 Cart-track, Pack-track and pass, Foot-path with bridge .....  
 Bridges: with piers: without. Causeway, Ford or Ferry .....  
 Streams: with track in bed: undefined. Canal .....  
 Dams: masonry or rock-filled: earthwork. Weir .....  
 River banks: shelving: steep, 3 to 6 metres: over 6 metres .....  
 dry with water channel: with island & rocks: tidal river .....  
 Submerged rocks, Shoal, Swamp, Reeds .....  
 Wells: lined: unlined. Tube-well. Spring. Tanks: perennial: dry .....  
 Embankments: road or rail: tank. Broken ground .....  
 Railways, broad gauge: double: single with station: under constr. ....  
 other gauges: do. : do. with distance stone: do. ....  
 Mineral line or tramway, Telegraph line, Cutting with tunnel .....  
 Contours with sea-levels. Rocky slopes. Cliffs .....  
 Sand features: dunes: sand hills and dunes: bare dunes: shifting dunes .....

Towns or Villages: inhabited: deserted. Fort .....  
 Huts: permanent: temporary. Tower. Antiquities .....  
 Temple. Chhatra. Church. Mosque. Idgah. Tomb. Graves .....  
 Lighthouse. Lightship. Buoys: lighted, unlighted. Anchorage .....  
 Mine. Vine on trellis. Grass. Scrub .....  
 Palms: palms: other. Plantain. Conifer. Bamboo. Other trees .....  
 Boundary, International .....  
 state: demarcated: undemarcated .....  
 district: subdiv. tahsil or taluk: forest .....  
 Boundary pillars: surveyed: unlocated: village trijunction .....  
 Heights, triangulated: station: point: approximate .....  
 Bench-mark: geodetic: tertiary: canal .....  
 Post office. Telegraph office. Combined office. Police station. PO TO PTO PS .....  
 Bungalows: dhak or travellers: inspection. Rest-house .....  
 Circuit house. Camping ground. Forest: reserved: protected CH CB RF PF .....  
 Spaced names: administrative: locality or tribal. KIKRI NAGA



INDEX  
 DGPS SURVEY BOUNDARY

DGPS SURVEYED AREA 3.640 Ha.  
 PLOT NO. 780, VILLAGE BAKIRMA,  
 TEHSIL PREMNAGAR, SURAJPUR

Dgps survey conducted & map prepared by  
 चतुर्विध अर्थिक अनुसंधान केंद्र  
 Chhattisgarh Council of Science & Technology  
 MID-29, Indira Park, Raipur C.G.

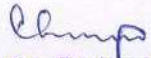
कार्यालय,  
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 मध्य प्रदेश, रायपुर, भारत.  
 तारिका: 1 मिन - 400014

## 10. GIS ANALYSIS AND CONCLUSION

Area for Compensatory Afforestation in revenue forest, located in Bakirma village was provided by Public Work Department Surajpur. The area computed from the DGPS geo-referenced map was compared with the revenue forest land schedule proposed to be diverted for afforestation. The area as per revenue record allocated to Public Work Department Surajpur for compensatory afforestation is 3.64 Hectare, which were confirmed by DGPS survey. Details of Khasra/Rakba are given in Table 2:

**Table 2: Summary of Land Statistics for Compensatory Afforestation**

| SUMMARY OF LAND STATISTICS FOR AFFORESTATION |                |            |                                             |
|----------------------------------------------|----------------|------------|---------------------------------------------|
| S. No.                                       | TYPE OF LAND   | KHASRA No. | APPLIED AREA<br>AS PER DGPS SURVEY (In Ha.) |
| 1                                            | Revenue Forest | 780        | 3.64                                        |
| TOTAL AREA (In Ha.)                          |                |            | 3.64                                        |

  
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P.W.D.(B/R) Division Surajpur  
Distt. Surajpur (C.G.)

  
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