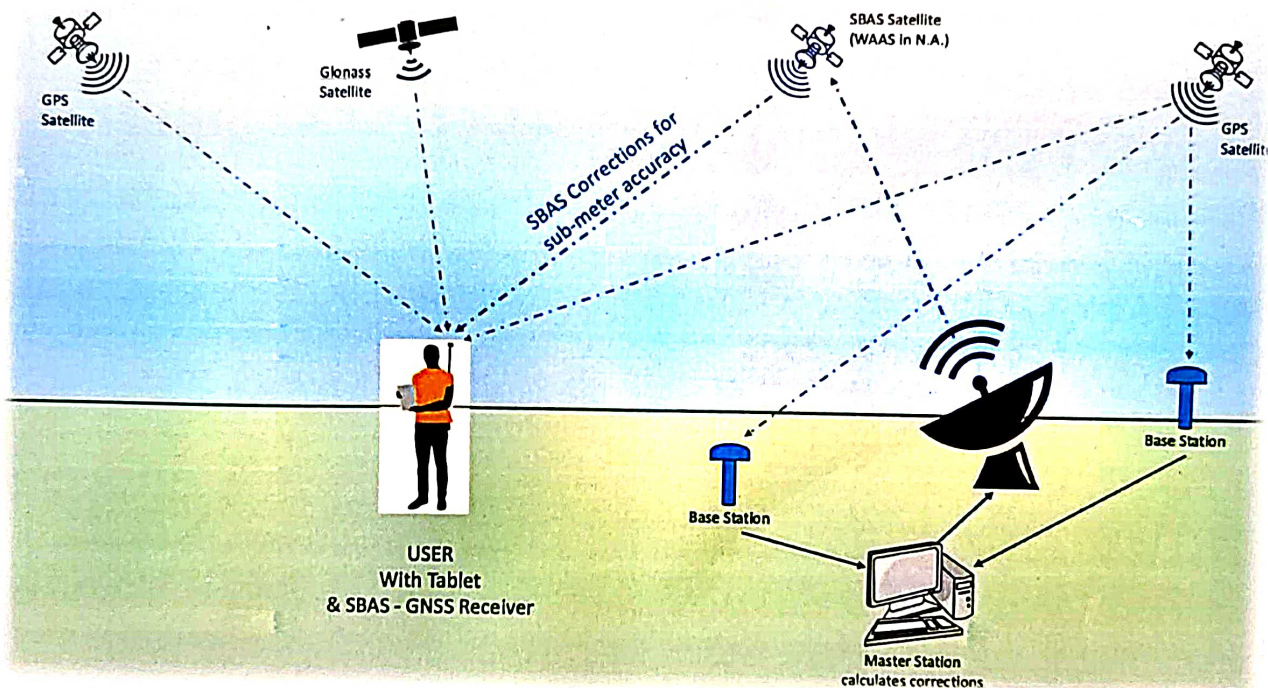


D.G.P.S. SURVEY REPORT FOR

COMPENSATORY AFFORESTATION PLANTATION LAND AGAINST DIVERSION OF ALTERNATIVE PLANTATION UNDER KONDAGAON BYPASS ROAD CONSTRUCTION

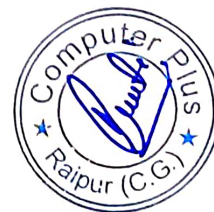
FOREST DIVISION SOUTH KONDAGAON
DISTRICT KONDAGAON
CHHATTISGARH



Executive Engineer
P.W.D. Kondagaon Division
KONDAGAON

Submitted To

Executive Engineer,
PWD Kondagaon,
District Kondagaon, (C.G).



Report Prepared By

COMPUTER PLUS
Software Development & Consultancy
Devendra Nagar, Raipur, (C.G).

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1.About Us	Page No. 1
2. Introduction To DGPS	Page No. 2
3.Methodology Used	Page No. 7
4.Details To Surveyed Site	Page No. 8
5.Control Points	Page No. 9
6.Survey Date & Photographs	Page No. 11

MAPS ON A3 & A0 PAPER SIZE PRINTOUT

1. Location Map
2. Geo Reference Survey Site on SOI Toposheet
3. Survey Site on Satellite Image
4. Survey Site Superimpose on Google Image
5. Survey Site on SOI Toposheet (A0 Size)

DATA ENCLOSED IN SOFT COPY

1. Survey Report
2. KML File
3. Maps in JPEG & PDF Format
4. SHP File



1. ABOUT US

Computer Plus an **ISO 9001:2015 certified** organization working in the field of I.T. Consulting & Software Services. We are registered organization under **Directorate of Geology and Mining, Chhattisgarh**. We are serving since 1998 & head office in Raipur, (C.G.), with core competence in the areas of Integrated Business Solutions with Implementation and Support.

Our Team:

We're justifiably proud of the team we've assembled. Initially numbering just two programmers, **Computer Plus** has grown steadily and now has over 250 staff members. The **Computer Plus** team is made up of highly-qualified, talented and innovative IT and GIS professionals each with their own area of expertise. Their experience spans the full range of custom software development, from small entrepreneurial projects to complex systems for major corporations.

Our Mission:

Computer Plus's mission is to solve challenging technical problems in partnership with our clients.

How we achieve it:

- We understand the business needs of our clients, and how technology can be a tool to make modern businesses more profitable for both private and government sector.
- **Computer Plus** combines technical excellence with great customer service and value for money.
- We value creativity and collaboration; ideas are shared and everybody contributes on an individual basis toward the common goal.

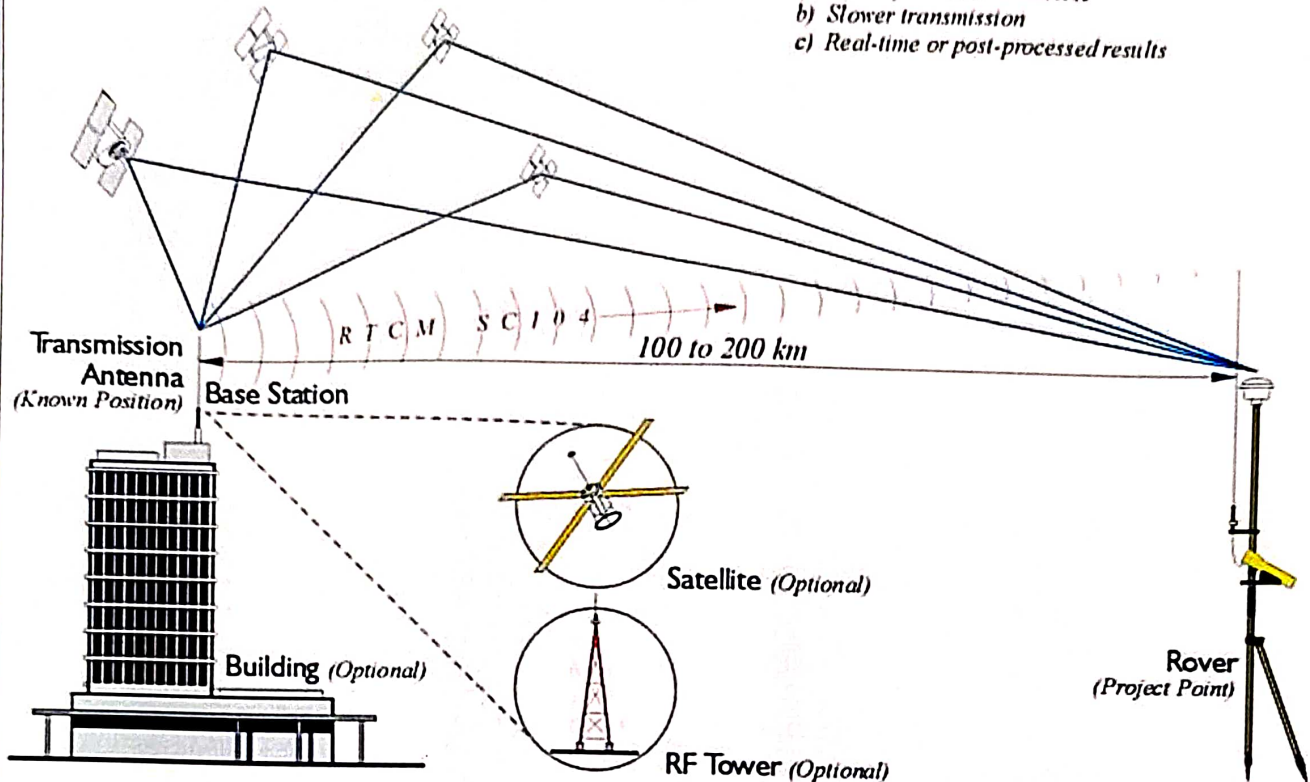
We create new teams for each project, ensuring the best possible combination of skills and experience to meet the client's needs and deliver high quality solutions.

2. INTRODUCTION TO DGPS

Differential GPS/DGPS

Positional Accuracy ± 1 meter or so

- Same Satellite Constellation
(Base Station - Rover or Rovers)
- Code Phase/Pseudorange
(Track 4 Satellites Minimum)
- Radio Link
 - a) Less information than RTK
 - b) Slower transmission
 - c) Real-time or post-processed results



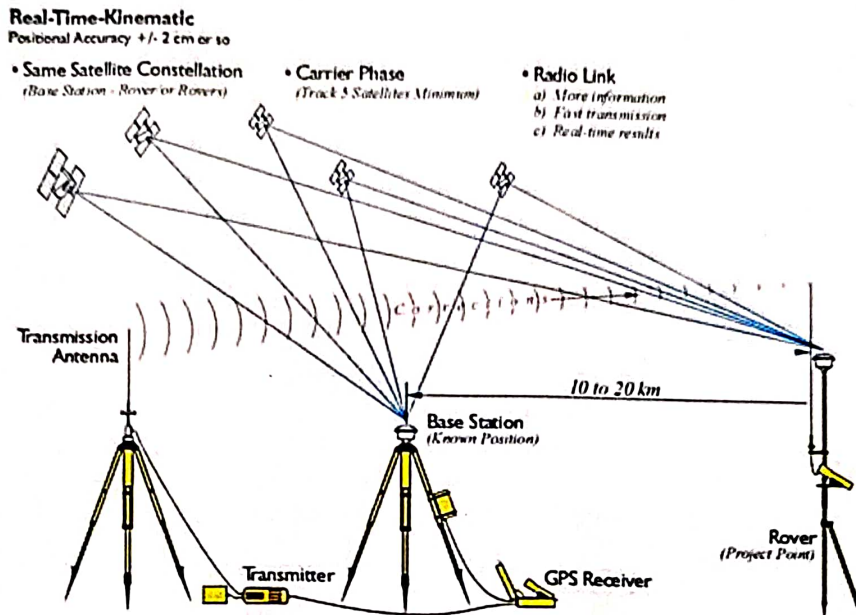
The term DGPS is sometimes used to refer to differential GPS that is based on pseudo ranges, aka code phase. Even though the accuracy of code phase applications was given a boost with the elimination of Selective Availability (SA) in May 2000 consistent accuracy better than the 2-5-meter range still requires reduction of the effect of correlated ephemeris and atmospheric errors by differential corrections. Though the corrections could be applied in post-processing services that supply these corrections, most often operate in real-time. In such an operation pseudo range-based version can offer meter- or even sub meter results.

Usually, pseudo range corrections are broadcast from the base to the rover or rovers for each satellite in the visible constellation. Rovers with an appropriate input/output (I/O) port can receive the correction signal and calculate coordinates. The real-time signal comes to the receiver over a data link. It can originate at a project specific base station or it can come to the user through a service of which there are various categories. Some are open to all users and some are by subscription only. Coverage depends on the spacing of the beacons, aka transmitting base stations, their power, interference, and so forth. Some systems require two-way, some one-way, communication with the base stations. Radio systems, geostationary satellites, low-earth-orbiting.

SURVEY METHOD

1) RTK (Real Time Kinematic)

A. Real-time Kinematic



Most, not all, GPS surveying relies on the idea of differential positioning. The mode of a base or reference receiver at a known location logging data at the same time as a receiver at an unknown location together provide the fundamental information for the determination of accurate coordinates. While this basic approach remains today, the majority of GPS surveying is not done in the static post-processed mode. Post-processing is most often applied to control work. Now, the most commonly used methods utilize receivers on reference stations that provide correction signals to the end user via a data link sometimes over the Internet, radio signal, or cell phone and often in real-time.

In this category of GPS surveying work there is sometimes a distinction made between code-based and carrier-based solutions. In fact, most systems use a combination of code and carrier measurements so the distinction is more a matter of emphasis rather than an absolute difference. Well that's a bit of discussion about static surveying, but as you know, a good deal of GPS these days is done not static. Much work is now done with DGPS or real-time kinematic, RTK.

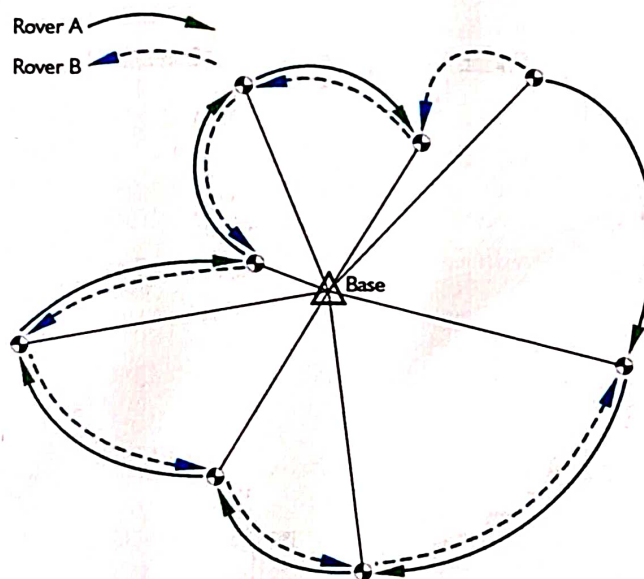
Errors in satellite clocks, imperfect orbits, the trip through the layers of the atmosphere, and many other sources contribute inaccuracies to GPS signals by the time they reach a receiver.

These errors are variable, so the best way to correct them is to monitor them as they happen. A good way to do this is to set up a GPS receiver on a

station whose position is known exactly, a base station. This base station receiver's computer can calculate its position from satellite data, compare that position with its actual known position, and find the difference. The resulting error corrections can be communicated from the base to the rover. It works well, but the errors are constantly changing so a base station has to monitor them all the time, at least all the time the rover receiver or receivers are working. While this is happening, the rovers move from place to place collecting the points whose positions you want to know relative to the base station, which is the real objective after all. Then all you have to do is get those base station corrections and the rover's data together somehow. That combination can be done over a data link in real-time, or applied later in post processing.

Real-time positioning is built on the foundation of the idea that, with the important exceptions of multipath and receiver noise, GPS error sources are correlated. In other words, the closer the rover is to the base the more the errors at the ends of the baseline match. The shorter the baseline, the more the errors are correlated. The longer the baseline, the less the errors are correlated.

The base station is at a known point, whether it was on a building permanently or it's a tripod mounted base station. The fact that it is in a known position allows the base station to produce corrections. The constellation is telling the base station that it is in a slightly different place, so corrections can be created to send to the rover at the unknown point. The corrections are applied in real time.



RADIAL GPS

Such real-time surveying is essentially radial. There are advantages to the approach. The advantage is a large number of positions can be established in a short amount of time with little or no planning. The disadvantage is that there is little or no redundancy in positions derived, each of the baselines originates from the same control station. Redundancy can be incorporated, but it requires repetition of the observations so each baseline is determined with more than one GPS constellation. One way to do it is to occupy the

project points, the unknown positions, successively with more than one rover. It is best if these successive occupations are separated by at least 4 hours and not more than 8 hours so the satellite constellation can reach a significantly different configuration.

RTK and DGPS are radial. You have a known point in the middle, the base, and then the unknown points around it. This provides little geometric solidity. If there's an error in one of these radial base lines, it would be tough to catch it because there's no real redundancy. The illustration shows a way around this difficulty. There are two receivers, A and B, and it's possible by double occupation, one receiver going one way and the other going the other, by double occupying the unknown points to get some redundancy and some checks against the positions from a base. Another way to do it is to use one receiver. That receiver would occupy each point twice with four to eight hours between the first occupation and the second occupation on the point. Another way is to move the base to another known point. Then if you have vectors from another base into these points, you have a check. This approach allows a solution to be available from two separate control stations. Obviously, this can be done with re-occupation of the project points after one base station has been moved to a new control point, or two base stations can be up and running from the very outset and throughout of the work as would be the case using two CORS stations. It is best if there are both two occupations on each point and each of the two utilize different base stations.

A more convenient but less desirable approach is to do a second occupation almost immediately after the first. The roving receiver's antenna is blocked or tilted until the lock on the satellites is interrupted. It is then re-oriented on the unknown position a second time for the repeat solution. This does offer a second solution, but from virtually the same constellation.

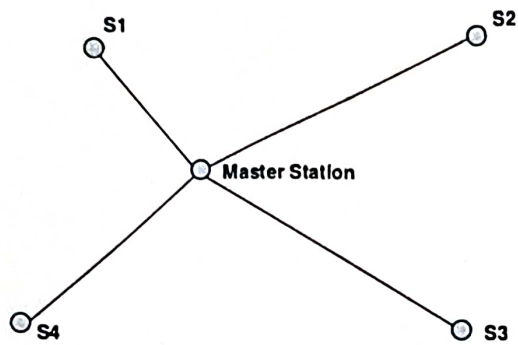
More efficiency can be achieved by adding additional roving receivers. However, as the number of receivers rises, the logistics become more complicated, and a survey plan becomes necessary. Also, project points that are simultaneously near one another but far from the control station should be directly connected with a baseline to maintain the integrity of the survey. Finally, if the base receiver loses lock and it goes unnoticed, it will completely defeat the radial survey for the time it is down.

These are a few possibilities to consider when you are doing a real-time survey.

An advantage to continuously operating reference station network is that since those bases are operating simultaneously and all the time, it's possible to download the positions from more than one base and process your new position based on these continuously operating reference stations and have some redundancy.

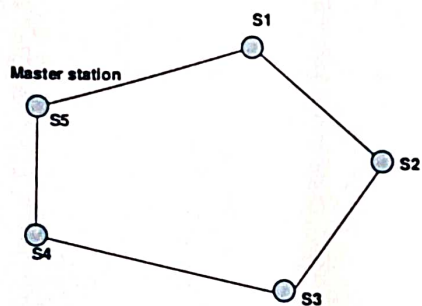
2) STATIC METHOD

I. Rapid Static Method



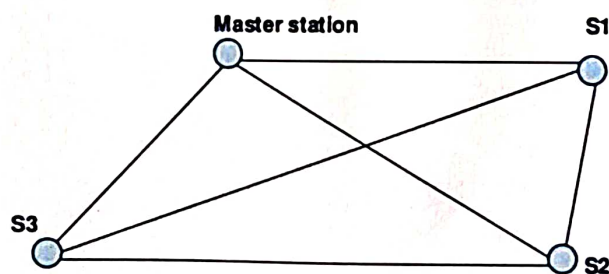
Schematic diagram of Rapid Static Method

II. Traverse Method



Schematic diagram of Traverse method

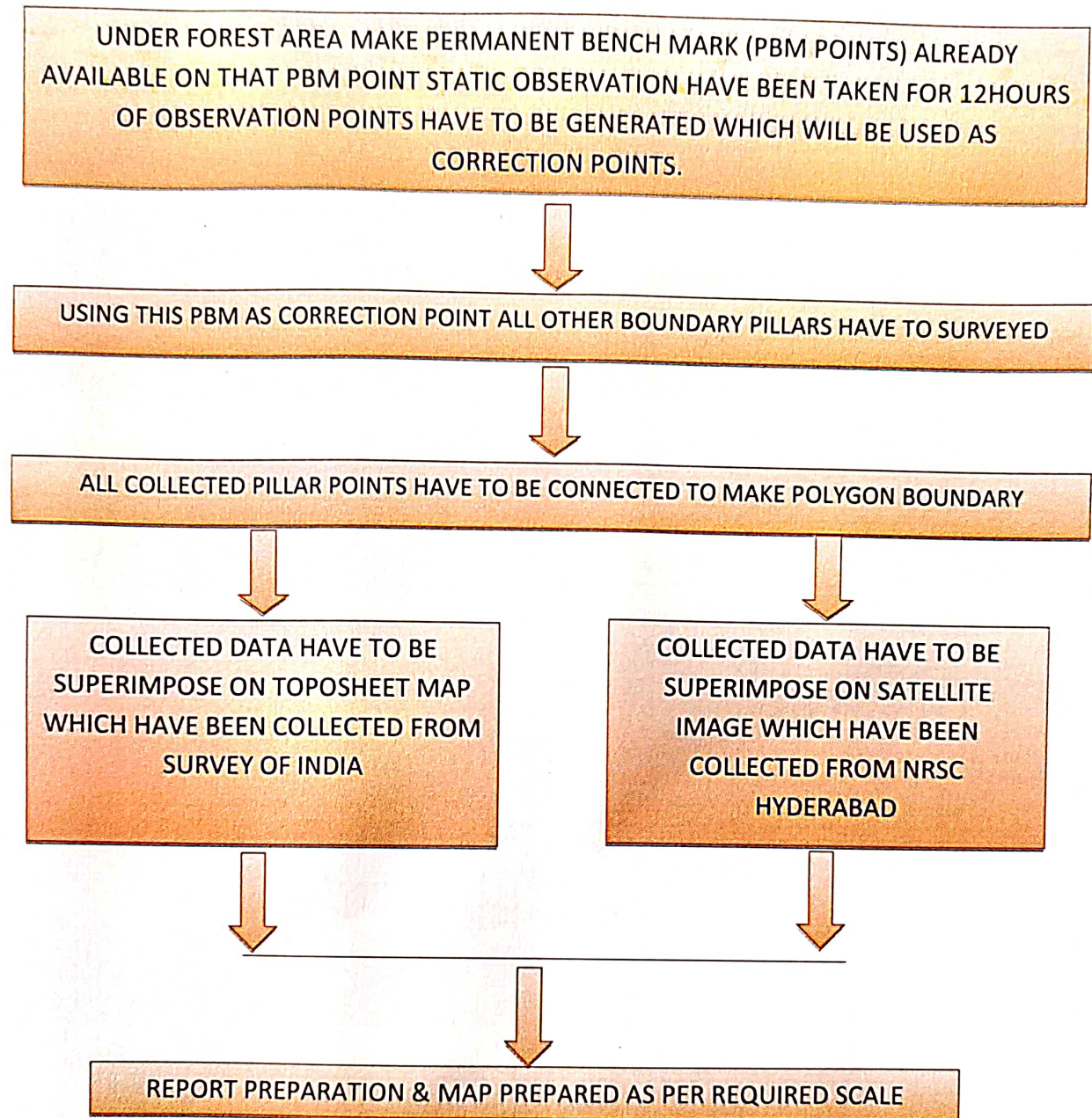
III. Trilateration Method



Trilateration method

3. METHODOLOGY USED

Following Methodology have been adopted for DGPS Survey of the proposed site.



4. DETAILS OF SURVEYED SITE


The surveyed area for **Compensatory Afforestation Plantation Land against Diversion of alternative Plantation under Kondagaon Bypass Road Construction**, which comes under **Block Kondagaon, District Kondagaon and Chhattisgarh**. Kondagaon Bus Stand longitude latitude is **81°39'46.07"E 19°35'24.70"N**. Survey site is located **54.4 Km** from **Kondagaon Bus Stand**. Survey site comes under **Forest Division South Kondagaon, Forest Range Narangi and Forest Circle Kanker**.

It is covered in Survey of India Toposheet No. **65E7 & 65E11**.

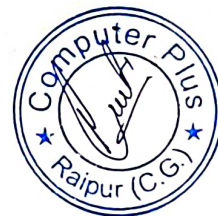
Details of area surveyed and land details are given below:

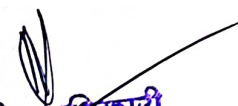
AREA DETAILS & LAND CLASSIFICATION

Sr.No.	District	Division	Tehsil	Village	Land Type	Khasra No.	Patch No.	Area (In Hectare)
1	Kondagaon	South Kondagaon	Kondagaon	Adnar	Revenue Forest	1/1	Patch I	11.894
2							Patch II	6.714
Total								18.608


E.E.-


S.D.O
West Kondagaon




परिवेश अधिकारी
नारंगी परिक्षेत्र


Divisional Forest Officer
South Kondagaon Division
KONDAGAON

5. CONTROL POINTS

Primary Control Point (Fixing of Base Station Point)

Details of primary control points used for fixing of Base Station Point are given below.

Primary Control Point (Fixing of Base Station Point)

Point ID	Geographical Coordinates		UTM Coordinates		
	Longitude	Latitude	Easting	Northing	Height
1	81° 30' 0.148" E	19° 29' 11.633" N	552474.932000	2154742.581000	564.884
2	81° 29' 57.652" E	19° 29' 12.083" N	552402.124000	2154756.203000	567.161

Surveyed Ground Control Points

Patch - I Coordinates						
Sr.No.	Point ID	Geographical Coordinates		UTM Coordinates		
		Longitude	Latitude	Easting	Northing	Height
1	1	81° 29' 52.216" E	19° 29' 7.810" N	552244.036000	2154624.401000	566.394
2	2	81° 29' 53.361" E	19° 29' 8.574" N	552277.362000	2154647.986000	566.230
3	3	81° 29' 55.446" E	19° 29' 9.569" N	552338.039000	2154678.726000	565.790
4	4	81° 29' 57.620" E	19° 29' 10.391" N	552401.348000	2154704.188000	565.192
5	5	81° 29' 59.133" E	19° 29' 11.146" N	552445.392000	2154727.506000	564.607
6	6	81° 30' 0.901" E	19° 29' 11.910" N	552496.868000	2154751.151000	563.956
7	7	81° 30' 2.913" E	19° 29' 12.730" N	552555.432000	2154776.543000	563.354
8	8	81° 30' 4.331" E	19° 29' 13.527" N	552596.697000	2154801.153000	563.074
9	9	81° 30' 5.834" E	19° 29' 14.845" N	552640.409000	2154841.780000	563.204
10	10	81° 30' 7.287" E	19° 29' 16.252" N	552682.622000	2154885.149000	562.769
11	11	81° 30' 8.447" E	19° 29' 17.227" N	552716.347000	2154915.224000	562.147
12	12	81° 30' 9.364" E	19° 29' 18.056" N	552743.015920	2154940.797950	562.906
13	13	81° 30' 7.941" E	19° 29' 19.154" N	552701.425016	2154974.430870	563.000
14	14	81° 30' 5.512" E	19° 29' 19.872" N	552630.559000	2154996.286000	563.372
15	15	81° 30' 4.601" E	19° 29' 20.645" N	552603.944000	2155019.955000	563.378
16	16	81° 30' 4.455" E	19° 29' 21.467" N	552599.613596	2155045.210130	564.093
17	17	81° 30' 4.600" E	19° 29' 22.363" N	552603.766239	2155072.762190	564.008
18	18	81° 30' 4.924" E	19° 29' 23.963" N	552613.064325	2155121.973810	563.982
19	19	81° 30' 5.077" E	19° 29' 25.770" N	552617.349988	2155177.528520	563.000
20	20	81° 30' 4.851" E	19° 29' 26.962" N	552610.670812	2155214.149000	563.000
21	21	81° 30' 4.055" E	19° 29' 26.650" N	552587.473000	2155204.510000	563.392
22	22	81° 30' 2.512" E	19° 29' 26.063" N	552542.566000	2155186.331000	565.758
23	23	81° 30' 0.678" E	19° 29' 24.989" N	552489.184000	2155153.149000	566.890
24	24	81° 29' 58.540" E	19° 29' 23.503" N	552426.993000	2155107.313000	570.442
25	25	81° 29' 57.710" E	19° 29' 21.969" N	552402.944000	2155060.070000	572.681
26	26	81° 29' 56.880" E	19° 29' 20.971" N	552378.843000	2155029.317000	573.986

Sr.No.	Point ID	Geographical Coordinates		UTM Coordinates		
		Longitude	Latitude	Easting	Northing	Height
27	27	81° 29' 56.347" E	19° 29' 18.602" N	552363.508000	2154956.473000	574.329
28	28	81° 29' 56.557" E	19° 29' 17.266" N	552369.764000	2154915.425000	574.236
29	29	81° 29' 56.424" E	19° 29' 15.327" N	552366.054000	2154855.793000	572.474
30	30	81° 29' 55.699" E	19° 29' 13.955" N	552345.034000	2154813.561000	572.036
31	31	81° 29' 54.759" E	19° 29' 12.616" N	552317.741000	2154772.347000	572.310
32	32	81° 29' 53.548" E	19° 29' 10.329" N	552282.659162	2154701.928200	570.000

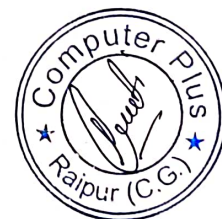
Patch - II Coordinates

Sr.No.	Point ID	Geographical Coordinates		UTM Coordinates		
		Longitude	Latitude	Easting	Northing	Height
33	A1	81° 29' 51.523" E	19° 29' 6.973" N	552223.934000	2154598.598000	565.469
34	A2	81° 29' 53.013" E	19° 29' 4.106" N	552267.621000	2154510.593000	561.317
35	A3	81° 29' 55.029" E	19° 29' 2.951" N	552326.480000	2154475.265000	559.220
36	A4	81° 29' 56.132" E	19° 29' 4.281" N	552358.533000	2154516.240000	559.744
37	A5	81° 29' 58.256" E	19° 29' 4.939" N	552420.378000	2154536.646000	559.633
38	A6	81° 29' 59.835" E	19° 29' 5.343" N	552466.378000	2154549.202000	558.769
39	A7	81° 30' 1.129" E	19° 29' 6.397" N	552503.990000	2154581.725000	559.023
40	A8	81° 30' 0.327" E	19° 29' 8.477" N	552480.431000	2154645.578000	561.616
41	A9	81° 30' 0.921" E	19° 29' 9.667" N	552497.655000	2154682.209000	562.605
42	A10	81° 30' 2.412" E	19° 29' 8.934" N	552541.162000	2154659.808000	560.779
43	A11	81° 30' 3.445" E	19° 29' 9.767" N	552571.218000	2154685.503000	560.393
44	A12	81° 30' 3.681" E	19° 29' 9.841" N	552578.075000	2154687.784000	560.249
45	A13	81° 30' 4.421" E	19° 29' 11.178" N	552599.540000	2154728.966000	562.314
46	A14	81° 30' 6.507" E	19° 29' 11.896" N	552660.273000	2154751.212000	561.289
47	A15	81° 30' 8.496" E	19° 29' 11.674" N	552718.288000	2154744.541000	560.369
48	A16	81° 30' 9.009" E	19° 29' 11.521" N	552733.254000	2154739.896000	560.602
49	A17	81° 30' 9.424" E	19° 29' 13.048" N	552745.217000	2154786.854000	560.379
50	A18	81° 30' 9.537" E	19° 29' 14.586" N	552748.353000	2154834.157000	561.132
51	A19	81° 30' 9.562" E	19° 29' 15.122" N	552749.061000	2154850.610000	561.303
52	A20	81° 30' 11.523" E	19° 29' 15.628" N	552806.173000	2154866.340000	560.568
53	A21	81° 30' 11.789" E	19° 29' 15.629" N	552813.915000	2154866.395000	560.481
54	A22	81° 30' 10.511" E	19° 29' 18.446" N	552776.411000	2154952.866000	561.149
55	A23	81° 30' 7.743" E	19° 29' 16.079" N	552695.935000	2154879.880000	562.587
56	A24	81° 30' 5.728" E	19° 29' 14.163" N	552637.382000	2154820.817000	562.974
57	A25	81° 30' 3.753" E	19° 29' 12.582" N	552579.950000	2154772.059000	562.742
58	A26	81° 30' 0.086" E	19° 29' 11.089" N	552473.174000	2154725.849000	563.970
59	A27	81° 29' 55.890" E	19° 29' 9.179" N	552351.038000	2154666.786000	565.629

Executive Engineer
P.W.D. Kondagaon Division
KONDAGAON

परिक्षेत्र अधिकारी
नारंगी परिक्षेत्र

S.D.O.
West Kondagaon



Divisional Forest Officer
South Kondagaon Division
KONDAGAON

6. SURVEY DATE

Survey Date	Observation	Survey Time	Village
23-02-2022	Base Observation	03:00 PM To 04.30 PM	Adnar
	Survey	11:00 AM To 05.00 PM	

Weather was pleasant with clear sun light. Survey point marking and temporary pillar posting has been done by a team of **Computer Plus**. Comprising of following members:

1. Mr. Leeladhar Nishad
2. Mr. Rishikesh Barik
3. Mr. Mansingh Baghel
4. Mr. Sukhdev Baghel


The team was headed by **Mr. Leeladhar Nishad** and Report is prepared by **T Preeti**.

➤ Base Station Photographs

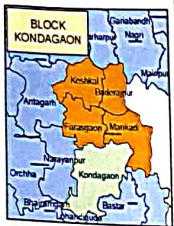


➤ Survey Photographs with Staff

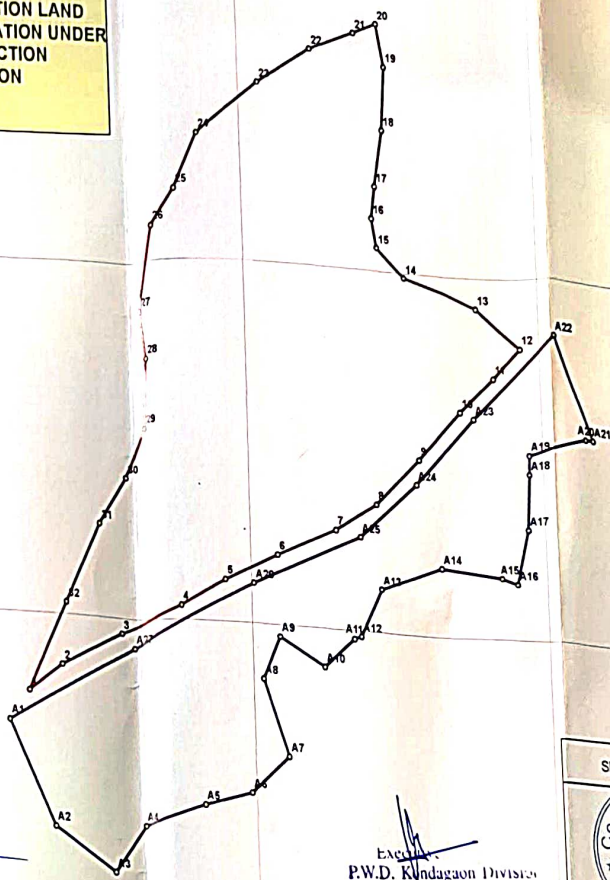



Executive Engineer
P.W.D. Kondagaon Division
KONDAGAON

INDEX



LOCATION MAP OF SURVEY SITE COMPENSATORY AFFORESTATION PLANTATION LAND AGAINST DIVERSION OF ALTERNATIVE PLANTATION UNDER KONDAGAON BYPASS ROAD CONSTRUCTION FOREST DIVISION SOUTH KONDAGAON DISTRICT KONDAGAON CHHATTISGARHH



परिवेश अधिकारी
नासमी परिक्षेत्र

S.D.O.
West Kondagaon

EXCISE
P.W.D. Kondagaon Division
KONDAGAON

SEAL & SIGN



GP

MAP PREPARED BY
COMPUTER PLUS RAIPUR

Legend

* Surveyed Ground Control Points

Survey Site Total Area : 18.608 (In Hectare)

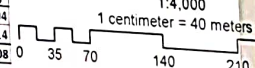
Patch I Area : 11.894 (In Hectare)

Patch II Area : 6.714 (In Hectare)

Area Details and Land Classification							
Sr.No.	District	Division	Tehsil	Village	Land Type	Khasra No.	Patch No.
1	Kondagaon	South Kondagaon	Kondagaon	Adnar	Revenue Forest	1/1	Patch I
2	Kondagaon	South Kondagaon	Kondagaon	Adnar	Revenue Forest	1/1	Patch II
Total							18.608

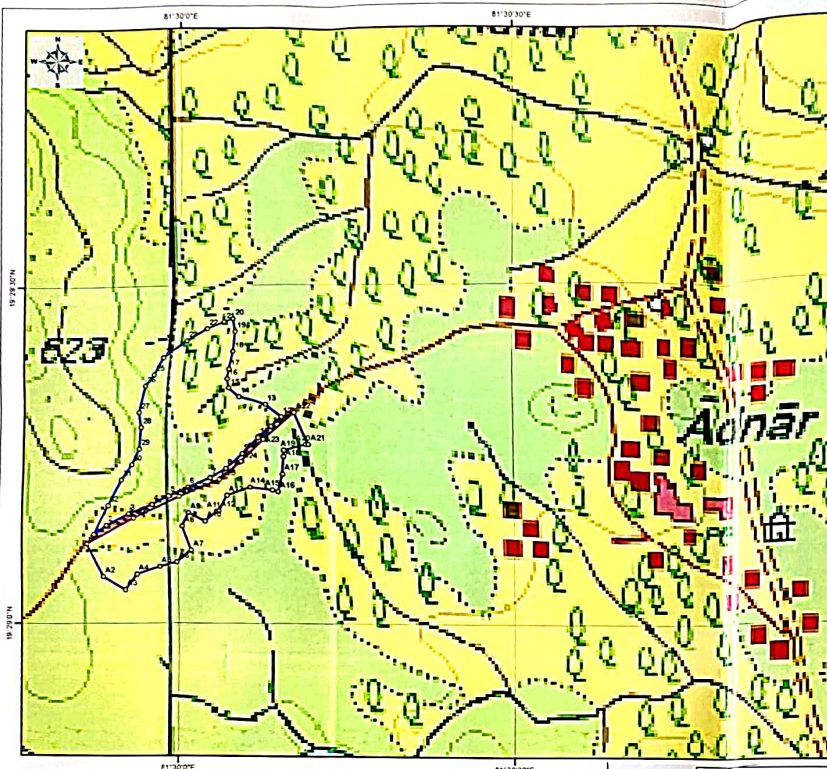
Scale
1:4,000

1 centimeter = 40 meters



Divisional Forest Officer
South Kondagaon Division
KONDAGAON

Geographic Coordinate S
WGS 1984
Projected Coordinate S
WGS 1984 UTM Zone



Legend

- Surveyed Ground Control Points
- Survey Site Total Area : 18.608 (In Hectare) RGB
- Patch I Area : 11.894 (In Hectare)
- Patch II Area : 6.714 (In Hectare)
- Red: Layer_1
- Green: Layer_2
- Blue: Layer_3

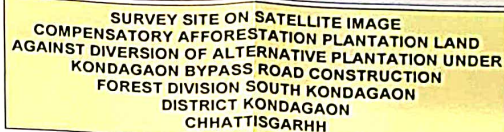
SOI TOPOSHEET MAP NO. : 65E11 SOI TOPOSHEET MAP NO. : 65E7

Computer Plus
Rajpur (C.G.)
MAP PREPARED BY
COMPUTER PLUS RAIPUR

GEO REFERENCE SURVEY SITE ON SOI TOPOSHEET COMPENSATORY AFFORESTATION PLANTATION LAND AGAINST DIVERSION OF ALTERNATIVE PLANTATION UNDER KONDAGAON BYPASS ROAD CONSTRUCTION FOREST DIVISION SOUTH KONDAGAON DISTRICT KONDAGAON CHHATTISGARH

SURVEYED GROUND CONTROL POINTS

CONTROL POINTS									
Geographical Coordinates				UTM Coordinates		Geographical Coordinates			
Point ID	Longitude	Latitude	Easting	Northing	Height	Point ID	Longitude	Latitude	Easting
A1	81° 29' 52.216" E	18° 29' 52.216" N	552244.036000	2154624.401000	565.394	17	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A2	81° 29' 53.361" E	18° 29' 52.216" N	552277.362000	2154647.986000	565.394	18	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A3	81° 29' 55.446" E	18° 29' 52.216" N	552338.078000	2154678.725000	565.394	19	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A4	81° 29' 57.620" E	18° 29' 52.216" N	552403.348000	2154704.188000	565.392	20	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A5	81° 29' 59.137" E	18° 29' 52.216" N	552465.930000	2154737.506000	565.392	21	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A6	81° 30' 0.991" E	18° 29' 52.216" N	552528.848000	2154771.151000	565.394	22	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A7	81° 30' 2.917" E	18° 29' 52.216" N	552591.432000	2154804.543000	565.394	23	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A8	81° 30' 4.833" E	18° 29' 52.216" N	552654.016000	2154837.935000	565.394	24	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A9	81° 30' 6.749" E	18° 29' 52.216" N	552716.600000	2154871.327000	565.394	25	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A10	81° 30' 8.665" E	18° 29' 52.216" N	552779.184000	2154904.719000	565.394	26	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A11	81° 30' 10.581" E	18° 29' 52.216" N	552841.768000	2154938.111000	565.394	27	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A12	81° 30' 12.497" E	18° 29' 52.216" N	552904.352000	2154971.503000	565.394	28	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A13	81° 30' 14.413" E	18° 29' 52.216" N	552966.936000	2155004.895000	565.394	29	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A14	81° 30' 16.329" E	18° 29' 52.216" N	553029.520000	2155038.287000	565.394	30	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A15	81° 30' 18.245" E	18° 29' 52.216" N	553092.104000	2155071.679000	565.394	31	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A16	81° 30' 20.161" E	18° 29' 52.216" N	553154.688000	2155105.071000	565.394	32	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A17	81° 30' 22.077" E	18° 29' 52.216" N	553217.272000	2155138.463000	565.394	33	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A18	81° 30' 23.993" E	18° 29' 52.216" N	553279.856000	2155171.855000	565.394	34	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A19	81° 30' 25.909" E	18° 29' 52.216" N	553342.440000	2155205.247000	565.394	35	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A20	81° 30' 27.825" E	18° 29' 52.216" N	553405.024000	2155238.639000	565.394	36	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A21	81° 30' 29.741" E	18° 29' 52.216" N	553467.608000	2155272.031000	565.394	37	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A22	81° 30' 31.657" E	18° 29' 52.216" N	553530.192000	2155305.423000	565.394	38	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A23	81° 30' 33.573" E	18° 29' 52.216" N	553592.776000	2155338.815000	565.394	39	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A24	81° 30' 35.489" E	18° 29' 52.216" N	553655.360000	2155372.207000	565.394	40	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A25	81° 30' 37.405" E	18° 29' 52.216" N	553717.944000	2155405.599000	565.394	41	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A26	81° 30' 39.321" E	18° 29' 52.216" N	553780.528000	2155438.991000	565.394	42	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A27	81° 30' 41.237" E	18° 29' 52.216" N	553843.112000	2155472.383000	565.394	43	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A28	81° 30' 43.153" E	18° 29' 52.216" N	553905.696000	2155505.775000	565.394	44	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A29	81° 30' 45.069" E	18° 29' 52.216" N	553968.280000	2155540.167000	565.394	45	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A30	81° 30' 46.985" E	18° 29' 52.216" N	554030.864000	2155574.559000	565.394	46	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A31	81° 30' 48.901" E	18° 29' 52.216" N	554093.448000	2155608.951000	565.394	47	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A32	81° 30' 50.817" E	18° 29' 52.216" N	554156.032000	2155643.343000	565.394	48	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A33	81° 30' 52.733" E	18° 29' 52.216" N	554218.616000	2155677.735000	565.394	49	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A34	81° 30' 54.649" E	18° 29' 52.216" N	554281.200000	2155712.127000	565.394	50	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A35	81° 30' 56.565" E	18° 29' 52.216" N	554343.784000	2155746.519000	565.394	51	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A36	81° 30' 58.481" E	18° 29' 52.216" N	554406.368000	2155780.911000	565.394	52	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A37	81° 30' 60.397" E	18° 29' 52.216" N	554468.952000	2155815.303000	565.394	53	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A38	81° 30' 62.313" E	18° 29' 52.216" N	554531.536000	2155849.695000	565.394	54	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A39	81° 30' 64.229" E	18° 29' 52.216" N	554594.120000	2155884.087000	565.394	55	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A40	81° 30' 66.145" E	18° 29' 52.216" N	554656.704000	2155918.479000	565.394	56	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A41	81° 30' 68.061" E	18° 29' 52.216" N	554719.288000	2155952.871000	565.394	57	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A42	81° 30' 69.977" E	18° 29' 52.216" N	554781.872000	2155987.263000	565.394	58	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A43	81° 30' 71.893" E	18° 29' 52.216" N	554844.456000	2156021.655000	565.394	59	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A44	81° 30' 73.809" E	18° 29' 52.216" N	554907.040000	2156056.047000	565.394	60	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A45	81° 30' 75.725" E	18° 29' 52.216" N	554969.624000	2156090.439000	565.394	61	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A46	81° 30' 77.641" E	18° 29' 52.216" N	555032.208000	2156124.831000	565.394	62	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A47	81° 30' 79.557" E	18° 29' 52.216" N	555094.792000	2156159.223000	565.394	63	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A48	81° 30' 81.473" E	18° 29' 52.216" N	555157.376000	2156193.615000	565.394	64	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A49	81° 30' 83.389" E	18° 29' 52.216" N	555219.960000	2156228.007000	565.394	65	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A50	81° 30' 85.305" E	18° 29' 52.216" N	555282.544000	2156262.399000	565.394	66	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A51	81° 30' 87.221" E	18° 29' 52.216" N	555345.128000	2156296.791000	565.394	67	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A52	81° 30' 89.137" E	18° 29' 52.216" N	555407.712000	2156331.183000	565.394	68	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A53	81° 30' 91.053" E	18° 29' 52.216" N	555470.296000	2156365.575000	565.394	69	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A54	81° 30' 92.969" E	18° 29' 52.216" N	555532.880000	2156400.967000	565.394	70	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A55	81° 30' 94.885" E	18° 29' 52.216" N	555595.464000	2156435.359000	565.394	71	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A56	81° 30' 96.801" E	18° 29' 52.216" N	555658.048000	2156469.751000	565.394	72	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A57	81° 30' 98.717" E	18° 29' 52.216" N	555720.632000	2156504.143000	565.394	73	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A58	81° 30' 100.633" E	18° 29' 52.216" N	555783.216000	2156538.535000	565.394	74	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A59	81° 30' 102.549" E	18° 29' 52.216" N	555845.800000	2156572.927000	565.394	75	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A60	81° 30' 104.465" E	18° 29' 52.216" N	555908.384000	2156607.319000	565.394	76	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A61	81° 30' 106.381" E	18° 29' 52.216" N	555970.968000	2156641.711000	565.394	77	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A62	81° 30' 108.297" E	18° 29' 52.216" N	556033.552000	2156681.103000	565.394	78	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A63	81° 30' 110.213" E	18° 29' 52.216" N	556096.136000	2156715.495000	565.394	79	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A64	81° 30' 112.129" E	18° 29' 52.216" N	556158.720000	2156749.887000	565.394	80	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A65	81° 30' 114.045" E	18° 29' 52.216" N	556221.304000	2156784.279000	565.394	81	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A66	81° 30' 115.961" E	18° 29' 52.216" N	556283.888000	2156818.671000	565.394	82	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A67	81° 30' 117.877" E	18° 29' 52.216" N	556346.472000	2156853.063000	565.394	83	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A68	81° 30' 119.793" E	18° 29' 52.216" N	556409.056000	2156887.455000	565.394	84	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A69	81° 30' 121.709" E	18° 29' 52.216" N	556471.640000	2156921.847000	565.394	85	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A70	81° 30' 123.625" E	18° 29' 52.216" N	556534.224000	2156956.239000	565.394	86	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A71	81° 30' 125.541" E	18° 29' 52.216" N	556596.808000	2156990.631000	565.394	87	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A72	81° 30' 127.457" E	18° 29' 52.216" N	556659.392000	2157025.023000	565.394	88	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199
A73	81° 30' 129.373" E	18° 29' 52.216" N	556721.976000	2157059.415000	565.394	89	81° 30' 4.400" E	18° 29' 52.216" N	552403.794199</



SURVEYED GROUND CONTROL POINTS

Point ID	Geographical Coordinates				UTM Coordinates					
	Longitude	Latitude	Easting	Northing	Point ID	Longitude	Latitude	Easting	Northing	Height
A1	81° 52' 52.186 E	19° 27' 44.010 N	551244	950000	A1	81° 52' 52.186 E	19° 27' 44.010 N	551244	950000	560.000
A2	81° 52' 52.916 E	19° 27' 44.010 N	551244	950000	A2	81° 52' 52.916 E	19° 27' 44.010 N	551244	950000	560.000
A3	81° 52' 53.646 E	19° 27' 44.010 N	551244	950000	A3	81° 52' 53.646 E	19° 27' 44.010 N	551244	950000	560.000
A4	81° 52' 54.376 E	19° 27' 44.010 N	551244	950000	A4	81° 52' 54.376 E	19° 27' 44.010 N	551244	950000	560.000
A5	81° 52' 55.106 E	19° 27' 44.010 N	551244	950000	A5	81° 52' 55.106 E	19° 27' 44.010 N	551244	950000	560.000
A6	81° 52' 55.836 E	19° 27' 44.010 N	551244	950000	A6	81° 52' 55.836 E	19° 27' 44.010 N	551244	950000	560.000
A7	81° 52' 56.566 E	19° 27' 44.010 N	551244	950000	A7	81° 52' 56.566 E	19° 27' 44.010 N	551244	950000	560.000
A8	81° 52' 57.296 E	19° 27' 44.010 N	551244	950000	A8	81° 52' 57.296 E	19° 27' 44.010 N	551244	950000	560.000
A9	81° 52' 58.026 E	19° 27' 44.010 N	551244	950000	A9	81° 52' 58.026 E	19° 27' 44.010 N	551244	950000	560.000
A10	81° 52' 58.756 E	19° 27' 44.010 N	551244	950000	A10	81° 52' 58.756 E	19° 27' 44.010 N	551244	950000	560.000
A11	81° 52' 59.486 E	19° 27' 44.010 N	551244	950000	A11	81° 52' 59.486 E	19° 27' 44.010 N	551244	950000	560.000
A12	81° 53' 00.216 E	19° 27' 44.010 N	551244	950000	A12	81° 53' 00.216 E	19° 27' 44.010 N	551244	950000	560.000
A13	81° 53' 00.946 E	19° 27' 44.010 N	551244	950000	A13	81° 53' 00.946 E	19° 27' 44.010 N	551244	950000	560.000
A14	81° 53' 01.676 E	19° 27' 44.010 N	551244	950000	A14	81° 53' 01.676 E	19° 27' 44.010 N	551244	950000	560.000
A15	81° 53' 02.406 E	19° 27' 44.010 N	551244	950000	A15	81° 53' 02.406 E	19° 27' 44.010 N	551244	950000	560.000
A16	81° 53' 03.136 E	19° 27' 44.010 N	551244	950000	A16	81° 53' 03.136 E	19° 27' 44.010 N	551244	950000	560.000
A17	81° 53' 03.866 E	19° 27' 44.010 N	551244	950000	A17	81° 53' 03.866 E	19° 27' 44.010 N	551244	950000	560.000
A18	81° 53' 04.596 E	19° 27' 44.010 N	551244	950000	A18	81° 53' 04.596 E	19° 27' 44.010 N	551244	950000	560.000
A19	81° 53' 05.326 E	19° 27' 44.010 N	551244	950000	A19	81° 53' 05.326 E	19° 27' 44.010 N	551244	950000	560.000
A20	81° 53' 06.056 E	19° 27' 44.010 N	551244	950000	A20	81° 53' 06.056 E	19° 27' 44.010 N	551244	950000	560.000
A21	81° 53' 06.786 E	19° 27' 44.010 N	551244	950000	A21	81° 53' 06.786 E	19° 27' 44.010 N	551244	950000	560.000
A22	81° 53' 07.516 E	19° 27' 44.010 N	551244	950000	A22	81° 53' 07.516 E	19° 27' 44.010 N	551244	950000	560.000
A23	81° 53' 08.246 E	19° 27' 44.010 N	551244	950000	A23	81° 53' 08.246 E	19° 27' 44.010 N	551244	950000	560.000
A24	81° 53' 08.976 E	19° 27' 44.010 N	551244	950000	A24	81° 53' 08.976 E	19° 27' 44.010 N	551244	950000	560.000
A25	81° 53' 09.706 E	19° 27' 44.010 N	551244	950000	A25	81° 53' 09.706 E	19° 27' 44.010 N	551244	950000	560.000
A26	81° 53' 10.436 E	19° 27' 44.010 N	551244	950000	A26	81° 53' 10.436 E	19° 27' 44.010 N	551244	950000	560.000
A27	81° 53' 11.166 E	19° 27' 44.010 N	551244	950000	A27	81° 53' 11.166 E	19° 27' 44.010 N	551244	950000	560.000
A28	81° 53' 11.896 E	19° 27' 44.010 N	551244	950000	A28	81° 53' 11.896 E	19° 27' 44.010 N	551244	950000	560.000
A29	81° 53' 12.626 E	19° 27' 44.010 N	551244	950000	A29	81° 53' 12.626 E	19° 27' 44.010 N	551244	950000	560.000
A30	81° 53' 13.356 E	19° 27' 44.010 N	551244	950000	A30	81° 53' 13.356 E	19° 27' 44.010 N	551244	950000	560.000
A31	81° 53' 14.086 E	19° 27' 44.010 N	551244	950000	A31	81° 53' 14.086 E	19° 27' 44.010 N	551244	950000	560.000
A32	81° 53' 14.816 E	19° 27' 44.010 N	551244	950000	A32	81° 53' 14.816 E	19° 27' 44.010 N	551244	950000	560.000
A33	81° 53' 15.546 E	19° 27' 44.010 N	551244	950000	A33	81° 53' 15.546 E	19° 27' 44.010 N	551244	950000	560.000
A34	81° 53' 16.276 E	19° 27' 44.010 N	551244	950000	A34	81° 53' 16.276 E	19° 27' 44.010 N	551244	950000	560.000
A35	81° 53' 17.006 E	19° 27' 44.010 N	551244	950000	A35	81° 53' 17.006 E	19° 27' 44.010 N	551244	950000	560.000
A36	81° 53' 17.736 E	19° 27' 44.010 N	551244	950000	A36	81° 53' 17.736 E	19° 27' 44.010 N	551244	950000	560.000
A37	81° 53' 18.466 E	19° 27' 44.010 N	551244	950000	A37	81° 53' 18.466 E	19° 27' 44.010 N	551244	950000	560.000
A38	81° 53' 19.196 E	19° 27' 44.010 N	551244	950000	A38	81° 53' 19.196 E	19° 27' 44.010 N	551244	950000	560.000
A39	81° 53' 19.926 E	19° 27' 44.010 N	551244	950000	A39	81° 53' 19.926 E	19° 27' 44.010 N	551244	950000	560.000
A40	81° 53' 20.656 E	19° 27' 44.010 N	551244	950000	A40	81° 53' 20.656 E	19° 27' 44.010 N	551244	950000	560.000
A41	81° 53' 21.386 E	19° 27' 44.010 N	551244	950000	A41	81° 53' 21.386 E	19° 27' 44.010 N	551244	950000	560.000
A42	81° 53' 22.116 E	19° 27' 44.010 N	551244	950000	A42	81° 53' 22.116 E	19° 27' 44.010 N	551244	950000	560.000
A43	81° 53' 22.846 E	19° 27' 44.010 N	551244	950000	A43	81° 53' 22.846 E	19° 27' 44.010 N	551244	950000	560.000
A44	81° 53' 23.576 E	19° 27' 44.010 N	551244	950000	A44	81° 53' 23.576 E	19° 27' 44.010 N	551244	950000	560.000
A45	81° 53' 24.306 E	19° 27' 44.010 N	551244	950000	A45	81° 53' 24.306 E	19° 27' 44.010 N	551244	950000	560.000
A46	81° 53' 25.036 E	19° 27' 44.010 N	551244	950000	A46	81° 53' 25.036 E	19° 27' 44.010 N	551244	950000	560.000
A47	81° 53' 25.766 E	19° 27' 44.010 N	551244	950000	A47	81° 53' 25.766 E	19° 27' 44.010 N	551244	950000	560.000
A48	81° 53' 26.496 E	19° 27' 44.010 N	551244	950000	A48	81° 53' 26.496 E	19° 27' 44.010 N	551244	950000	560.000
A49	81° 53' 27.226 E	19° 27' 44.010 N	551244	950000	A49	81° 53' 27.226 E	19° 27' 44.010 N	551244	950000	560.000
A50	81° 53' 27.956 E	19° 27' 44.010 N	551244	950000	A50	81° 53' 27.956 E	19° 27' 44.010 N	551244	950000	560.000
A51	81° 53' 28.686 E	19° 27' 44.010 N	551244	950000	A51	81° 53' 28.686 E	19° 27' 44.010 N	551244	950000	560.000
A52	81° 53' 29.416 E	19° 27' 44.010 N	551244	950000	A52	81° 53' 29.416 E	19° 27' 44.010 N	551244	950000	560.000
A53	81° 53' 30.146 E	19° 27' 44.010 N	551244	950000	A53	81° 53' 30.146 E	19° 27' 44.010 N	551244	950000	560.000
A54	81° 53' 30.876 E	19° 27' 44.010 N	551244	950000	A54	81° 53' 30.876 E	19° 27' 44.010 N	551244	950000	560.000
A55	81° 53' 31.606 E	19° 27' 44.010 N	551244	950000	A55	81° 53' 31.606 E	19° 27' 44.010 N	551244	950000	560.000
A56	81° 53' 32.336 E	19° 27' 44.010 N	551244	950000	A56	81° 53' 32.336 E	19° 27' 44.010 N	551244	950000	560.000
A57	81° 53' 33.066 E	19° 27' 44.010 N	551244	950000	A57	81° 53' 33.066 E	19° 27' 44.010 N	551244	950000	560.000
A58	81° 53' 33.796 E	19° 27' 44.010 N	551244	950000	A58	81° 53' 33.796 E	19° 27' 44.010 N	551244	950000	560.000
A59	81° 53' 34.526 E	19° 27' 44.010 N	551244	950000	A59	81° 53' 34.526 E	19° 27' 44.010 N	551244	950000	560.000
A60	81° 53' 35.256 E	19° 27' 44.010 N	551244	950000	A60	81° 53' 35.256 E	19° 27' 44.010 N	551244	950000	560.000
A61	81° 53' 35.986 E	19° 27' 44.010 N	551244	950000	A61	81° 53' 35.986 E	19° 27' 44.010 N	551244	950000	560.000
A62	81° 53' 36.716 E	19° 27' 44.010 N	551244	950000	A62	81° 53' 36.716 E	19° 27' 44.010 N	551244	950000	560.000
A63	81° 53' 37.446 E	19° 27' 44.010 N	551244	950000	A63	81° 53' 37.446 E	19° 27' 44.010 N	551244	950000	560.000
A64	81° 53' 38.176 E	19° 27' 44.010 N	551244	950000	A64	81° 53' 38.176 E	19° 27' 44.010 N	551244	950000	560.000
A65	81° 53' 38.906 E	19° 27' 44.010 N	551244	950000	A65	81° 53' 38.906 E	19° 27' 44.010 N	551244	950000	560.000
A66	81° 53' 39.636 E	19° 27' 44.010 N	551244	950000	A66	81° 53' 39.636 E	19° 27' 44.010 N	551244	950000	560.000
A67	81° 53' 40.366 E	19° 27' 44.010 N	551244	950000	A67	81° 53' 40.366 E	19° 27' 44.010 N	551244	950000	560.000
A68	81° 53' 41.096 E	19° 27' 44.010 N	551244	950000	A68	81° 53' 41.096 E	19° 27' 44.010 N	551244	950000	560.000
A69	81° 53' 41.826 E	19° 27' 44.010 N	551244	950000	A69	81° 53' 41.826 E	19° 27' 44.010 N	551244	950000	560.000
A70	81° 53' 42.556 E	19° 27' 44.010 N	551244	950000	A70	81° 53' 42.556 E	19° 27' 44.010 N	551244	950000	560.000
A71	81° 53' 43.286 E	19° 27' 44.010 N	551244	950000	A71	81° 53' 43.286 E	19° 27' 44.010 N	551244	950000	560.000
A72	81° 53' 44.016 E	19° 27' 44.010 N	551244	950000	A72	81° 53' 44.016 E	19° 27' 44.010 N	551244	950000	560.000
A73	81° 53' 44.746 E	19° 27' 44.010 N	551244	950000	A73	81° 53' 44.746 E	19° 27' 44.010 N	551244	950000	560.000
A74	81° 53' 45.476 E	19° 27' 44.010 N	551244	950000	A74	81° 53' 45.476 E	19° 27' 44.010 N	551244	950000	560.000
A75	81° 53' 46.206 E	19° 27' 44.010 N	551244	950000	A75	81° 53' 46.206 E	19° 27' 44.010 N	551244	950000	560.000
A76	81° 53' 46.936 E	19° 27' 44.010 N	551244	950000	A76	81° 53' 46.936 E	19° 27' 44.010 N	551244	950000	560.000
A77	81° 53' 47.666 E	19° 27' 44.010 N	551244	950000	A77	81° 53' 47.666 E	19° 27' 44.010 N	551244	950000	560.000
A78	81° 53' 48.396 E	19° 27' 44.010 N	551244	950000	A78	81° 53' 48.396 E	19° 27' 44.010 N	551244	950000	560.000
A79	81° 53' 49.126 E	19° 27' 44.010 N	551244	950000	A79	81° 53' 49.126 E	19° 27' 44.010 N	551244	950000	560.000
A80	81° 53' 49.856 E	19° 27' 44.010 N	551244	950000	A80	81° 53' 49.856 E	19° 27' 44.010 N	551244		

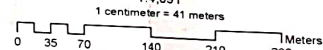
Area Details and Land Classification							
Sr.No.	District	Division	Tehsil	Village	Land Type	Khasra No.	Area (In Hectare)
1	Kondagaon	South Kondagaon	Kondagaon	Adnar	Revenue Forest	1/1	Patch I
2							Patch II
Total							18.608

Geographic Coordinate Systems
WGS 1984

Projected Coordinate Systems
WGS 1984 UTM Zone 44N

cale

1:4,091



SEAL & SIGNATURE

Legend

- Surveyed Ground Control Points
- Survey Site Total Area : 18.608 (In Hectare)**
- Patch I Area : 11.894 (In Hectare)**
- Patch II Area : 6.714 (In Hectare)**

SATELLITE IMAGE

RGB

Red: NONE

Green: NONE

Blue: NONE

परिक्षेत्र अधिकारी
बारांगी परिक्षेत्र

S.D.O
West Kondagallu



COMPUTER PLUS RAIPUR

Executive Engineer
P.W.D. Kondagaon Division
KONDAGAON

Divisional Forest Officer
South Kondagaon Division
KONDAGAON

**SURVEY SITE SUPERIMPOSE ON GOOGLE IMAGE
COMPENSATORY AFFORESTATION PLANTATION LAND
AGAINST DIVERSION OF ALTERNATIVE PLANTATION UNDER
KONDAGACH EMPRESS ROAD CONSTRUCTION
FOREST DIVISION SOUTH KONDAGACH
DISTRICT KONDAGACH
CHHATTISGARH**

SURVEYED GROUND CONTROL POINTS

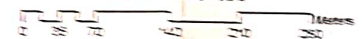
Point No.	UTM Easting	UTM Northing	Point No.	UTM Easting	UTM Northing
1	478110.00	182110.00	11	478110.00	182110.00
2	478110.00	182110.00	12	478110.00	182110.00
3	478110.00	182110.00	13	478110.00	182110.00
4	478110.00	182110.00	14	478110.00	182110.00
5	478110.00	182110.00	15	478110.00	182110.00
6	478110.00	182110.00	16	478110.00	182110.00
7	478110.00	182110.00	17	478110.00	182110.00
8	478110.00	182110.00	18	478110.00	182110.00
9	478110.00	182110.00	19	478110.00	182110.00
10	478110.00	182110.00	20	478110.00	182110.00

Sl. No.	Zone	Division	Taluk	Area Type	Area No.	Survey No.	Area (Hectare)
1	South	South Kondagach	Kondagach	Forest	1.1	1/2018	1.1
2	South	South Kondagach	Kondagach	Forest	1.2	2/2018	1.2
Total							2.3

Geographic Coordinate Systems
WGS 1984
Project Coordinate Systems
WGS 1984 UTM Zone 49N

Scale
1:2,000

1 Centimeter = 20 Meters



SEAL & SIGNATURE

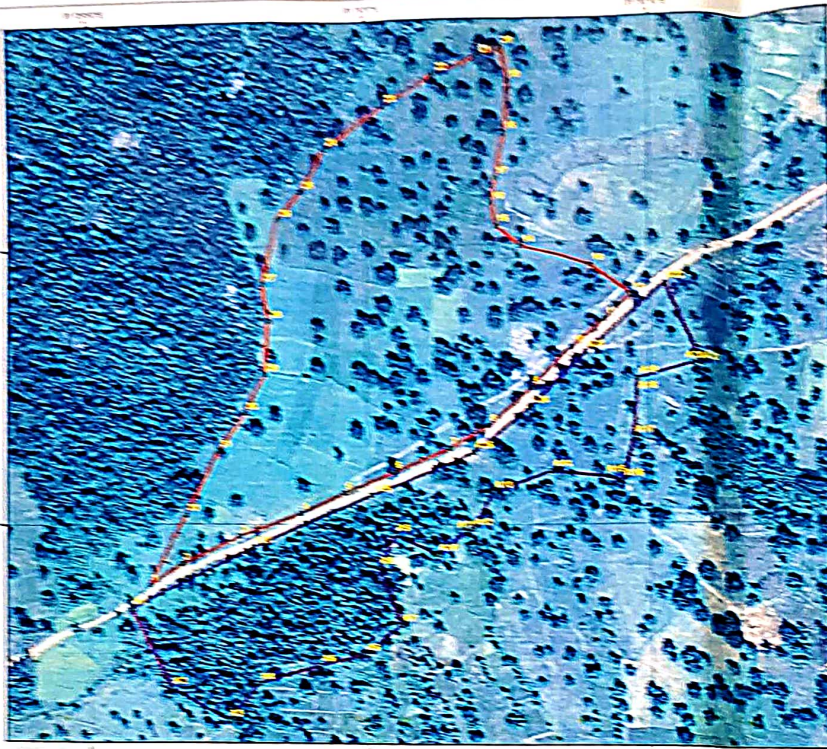
Divisional Forest Officer
South Kondagach Division
KONDAGACH



MAP PREPARED BY
COMPUTER AIDED SURVEY

S.D.O.
Kondagach

Legend
 * Surveyed Ground Control Points
 Survey Site Total Area : 11.808 (in Hectare)
 Parcel Area : 11.804 (in Hectare)
 Parcel I Area : 0.714 (in Hectare)
 Google Image.jpg
 Red: Band_1
 Green: Band_2
 Blue: Band_3



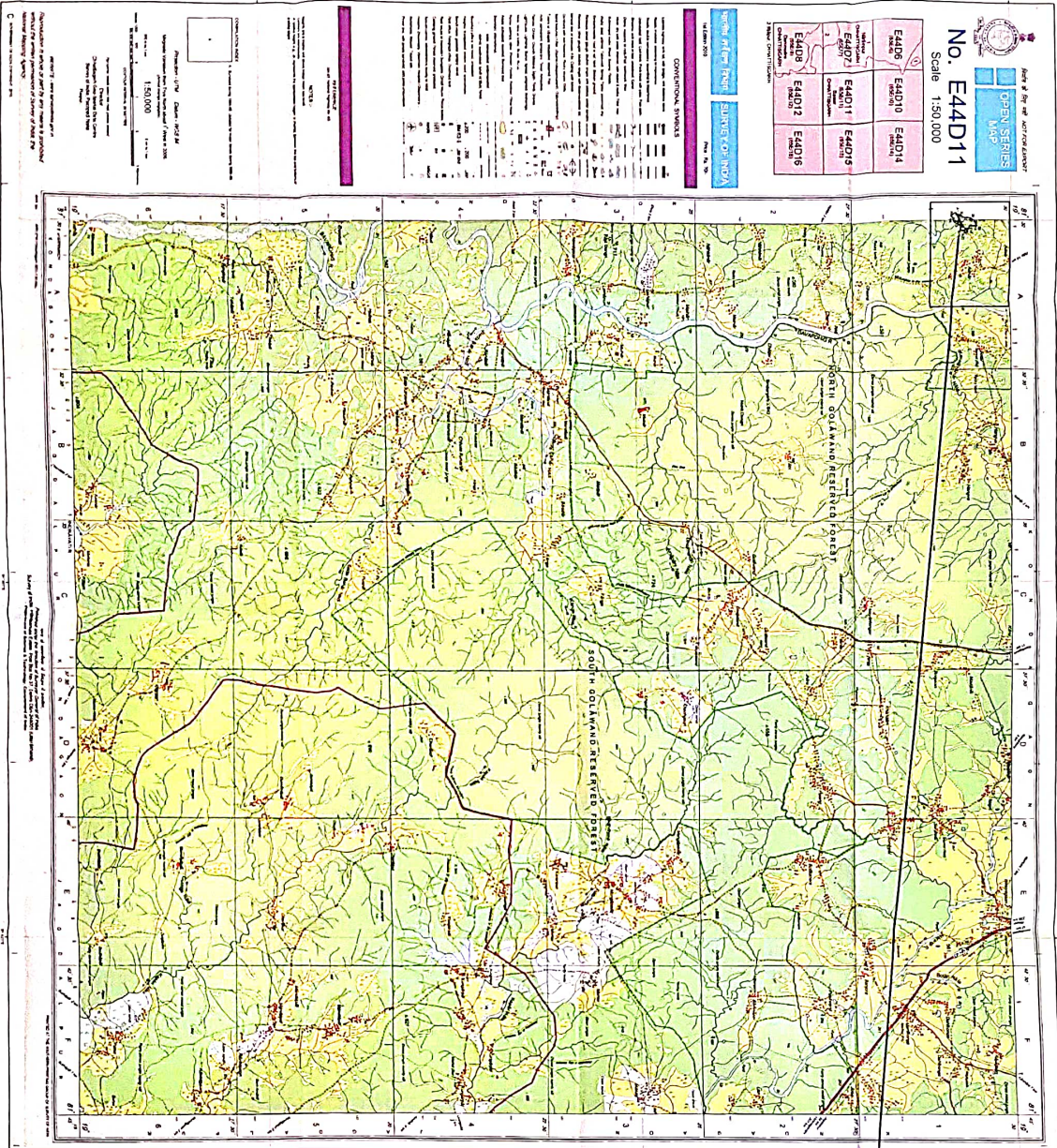
**SURVEY SITE ON SOI TOPOSHEET No. : SSE11
COMPENSATORY AFFORESTATION PLANTATION LAND
AGAINST DIVERSION OF ALTERNATIVE PLANTATION LAND
KONDAGAON BYPASS ROAD CONSTRUCTION
FOREST DIVISION SOUTH KONDAGAON
DISTRICT KONDAGAON
CHHATTISGARH**

No. E44D11
Scale 1:50,000

E44D1	E44D10	E44D11	E44D12
E44D2	E44D11	E44D13	E44D14
E44D3	E44D12	E44D15	E44D16

CONVENTIONAL SYMBOLS

Water bodies, roads, railways, etc.



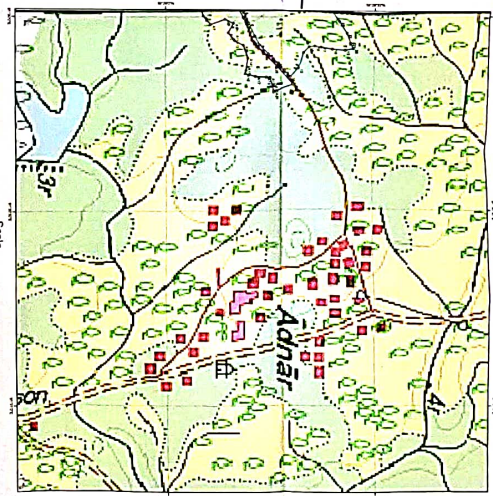
Scale
1:50,000
1 centimeter = 500 meters

0 1,250 2,500 5,000 7,500 10,000 Meters

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

Legend

Survey Area (Total Area: 18,000 Sq. Meters)	SOI TOPOSHEET MAP NO. : SSE11
Water Body (Blue)	Water Body (Blue)
Forest (Green)	Forest (Green)
Settlement (Red)	Settlement (Red)
Other (Yellow)	Other (Yellow)



Scale
1:50,000
1 centimeter = 500 meters

0 100 200 400 600 800 1,000 Meters

SURVEYED GROUND CONTROL POINTS

Point ID	UTM Coordinates	UTM Coordinates	UTM Coordinates	UTM Coordinates
Point ID	UTM Coordinates	UTM Coordinates	UTM Coordinates	UTM Coordinates
1	487 21 21.17	18 21 21.17	18 21 21.17	18 21 21.17
2	487 21 21.17	18 21 21.17	18 21 21.17	18 21 21.17
3	487 21 21.17	18 21 21.17	18 21 21.17	18 21 21.17
4	487 21 21.17	18 21 21.17	18 21 21.17	18 21 21.17
5	487 21 21.17	18 21 21.17	18 21 21.17	18 21 21.17
6	487 21 21.17	18 21 21.17	18 21 21.17	18 21 21.17
7	487 21 21.17	18 21 21.17	18 21 21.17	18 21 21.17
8	487 21 21.17	18 21 21.17	18 21 21.17	18 21 21.17
9	487 21 21.17	18 21 21.17	18 21 21.17	18 21 21.17
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98	487 21 21.17	18 21 21.17	18 21 21.17	18 21 21.17
99	487 21 21.17	18 21 21.17	18 21 21.17	18 21 21.17
100	487 21 21.17	18 21 21.17	18 21 21.17	18 21 21.17

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MAP PREPARED BY
COMPUTER PLUS RANJAN

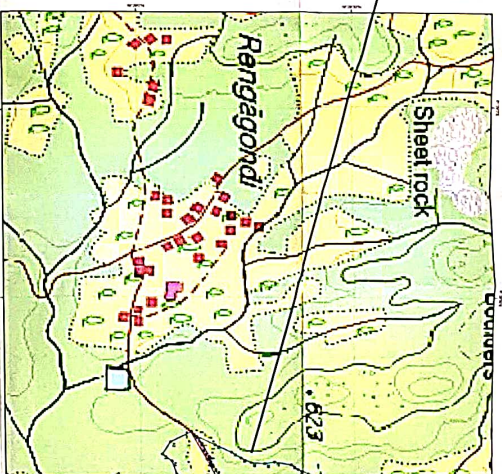


Table 1. Coordinates									
		Geographical Coordinates				UTM Coordinates			
Point ID	Location	Latitude	Longitude	Easting	Northing	Zone	Utm Easting	Utm Northing	Utm Zone
A1	W1-35-51.216°E	15° 37' 15" N	107° 32' 15" E	502147.0000	1516000.0000	48QSD	502147	1516000	48QSD
A2	W1-35-51.216°E	15° 37' 15" N	107° 32' 15" E	502147.0000	1516000.0000	48QSD	502147	1516000	48QSD
A3	W1-35-51.666°E	15° 37' 19" N	107° 31' 54" E	502130.0000	1516470.0000	48QSD	502130	1516470	48QSD
A4	W1-35-51.666°E	15° 37' 19" N	107° 31' 54" E	502130.0000	1516470.0000	48QSD	502130	1516470	48QSD
A5	W1-35-51.666°E	15° 37' 19" N	107° 31' 54" E	502130.0000	1516470.0000	48QSD	502130	1516470	48QSD
A6	W1-35-51.666°E	15° 37' 19" N	107° 31' 54" E	502130.0000	1516470.0000	48QSD	502130	1516470	48QSD
A7	W1-35-51.666°E	15° 37' 19" N	107° 31' 54" E	502130.0000	1516470.0000	48QSD	502130	1516470	48QSD
A8	W1-35-51.666°E	15° 37' 19" N	107° 31' 54" E	502130.0000	1516470.0000	48QSD	502130	1516470	48QSD
A9	W1-35-51.666°E	15° 37' 19" N	107° 31' 54" E	502130.0000	1516470.0000	48QSD	502130	1516470	48QSD
A10	W1-35-51.666°E	15° 37' 19" N	107° 31' 54" E	502130.0000	1516470.0000	48QSD	502130	1516470	48QSD
A11	W1-35-51.666°E	15° 37' 19" N	107° 31' 54" E	502130.0000	1516470.0000	48QSD	502130	1516470	48QSD
A12	W1-35-51.666°E	15° 37' 19" N	107° 31' 54" E	502130.0000	1516470.0000	48QSD	502130	1516470	48QSD
A13	W1-35-51.666°E	15° 37' 19" N	107° 31' 54" E	502130.0000	1516470.0000	48QSD	502130	1516470	48QSD
A14	W1-35-51.666°E	15° 37' 19" N	107° 31' 54" E	502130.0000	1516470.0000	48QSD	502130	1516470	48QSD
A15	W1-35-51.666°E	15° 37' 19" N	107° 31' 54" E	502130.0000	1516470.0000	48QSD	502130	1516470	48QSD
A16	W1-35-51.666°E	15° 37' 19" N	107° 31' 54" E	502130.0000	1516470.0000	48QSD	502130	1516470	48QSD
A17	W1-35-51.666°E	15° 37' 19" N	107° 31' 54" E	502130.0000	1516470.0000	48QSD	502130	1516470	48QSD
A18	W1-35-51.666°E	15° 37' 19" N	107° 31' 54" E	502130.0000	1516470.0000	48QSD	502130	1516470	48QSD
A19	W1-35-51.666°E	15° 37' 19" N	107° 31' 54" E	502130.0000	1516470.0000	48QSD	502130	1516470	48QSD
A20	W1-35-51.666°E	15° 37' 19" N	107° 31' 54" E	502130.0000	1516470.0000	48QSD	502130	1516470	48QSD
A21	W1-35-51.666°E	15° 37' 19" N	107° 31' 54" E	502130.0000	1516470.0000	48QSD	502130	1516470	48QSD
A22	W1-35-51.666°E	15° 37' 19" N	107° 31' 54" E	502130.0000	1516470.0000	48QSD	502130	1516470	48QSD
A23	W1-35-51.666°E	15° 37' 19" N	107° 31' 54" E	502130.0000	1516470.0000	48QSD	502130	1516470	48QSD
A24	W1-35-51.666°E	15° 37' 19" N	107° 31' 54" E	502130.0000	1516470.0000	48QSD	502130	1516470	48QSD
A25	W1-35-51.666°E	15° 37' 19" N	107° 31' 54" E	502130.0000	1516470.0000	48QSD	502130	1516470	48QSD
A26	W1-35-51.666°E	15° 37' 19" N	107° 31' 54" E	502130.0000	1516470.0000	48QSD	502130	1516470	4