

चेक लिस्ट क्रं.सं. 44

प्रस्ताव में अन्य कमियों का विवरण



सत्यमेव जयते

भारतीय राष्ट्रीय राजमार्ग प्राधिकरण National Highways Authority of India

(Ministry of Road Transport and Highways' Govt. of India)

कार्यालय परियोजना निदेशक, प.का.ई. कोरबा (छ.ग.)

Office of the Project Director, Korba (C.G.)

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Project Name- Development of Economic corridor, Inter Corridors, Feeder Routes and National Corridors to improve the efficiency of freight movement in India under Bharatmala Pariyojana [Lot-3/Chhattisgarh/Packge-1(Urga- Pathalgaon Section of NH-130A Raipur Dhanbad Economic Corridor)]

Description of Others (Misc.) in the proposal.

It is certified that the user agency Project Director, National Highways Authority of India, Project Implementation Unit, Korba has proposed four-lane widening and construction work of Urga-Pathalgaon road, whose total length is 87.545 km. In which 90.9718 Ha. of Forest Division Dharmajaigarh proposed for diversion.

Details of other (Misc.) deficiencies in the proposal are Nil.

Date:- 12/05/2023

Place:- Korba

(D.D.Parlawar)
Project Director
NHAI, PIU Korba

DGPS / Total Station Survey Report

Survey Report of 90.9718 Ha. Forest land effected under Dharamjaigarh Forest Division, for Construction and Widening of 4- Lane with paved shoulders configuration of Urga-Pathalgaon Section of NH-130 A in the State of Chhattisgarh. (70+200 to 157+745)

Forest Proposal No - FP/CG/ROAD/122482/2021

Forest Area Proposed for Diversion – 90.9718 Ha

Dharamjaigarh Forest Division

Submitted By

NHAI, Korba,

National Highway Authority of India



INTRODUCTION TO DGPS

WHAT IS DGPS AND WHY USE IT?

Differential Global Positioning System (DGPS) is an enhancement to Global Positioning System that provides improved location accuracy, from the 15-meter nominal GPS accuracy to about 10 cm in case of the best implementations.

DGPS refers to using a combination of receivers and satellites to reduce/eliminate common receiver based and satellite based errors, reduce orbit errors, reduce ionospheric and tropospheric errors, reduce effects of SA eliminate satellite and receiver clock errors. It also improves accuracy significantly 100's of metres to metres to centimetres to millimetres

1. DGPS uses one or several (network) fixed ground based reference stations (in known locations).
2. The base station compares its own known location, to that computed from a GPS receiver.
3. Any difference is then broadcast as a correction to the user. Correction signals can be broadcast either from ground stations, or via additional satellites. These services are privately owned and usually require a user subscription.

Examples:

- Satellite Based Augmentation System (SBAS),
- Wide Area Augmentation System (WAAS),
- Local Area Augmentation System (LAAS),
- European Geostationary Navigation Overlay Service (EGNOS),
- Omni STAR
- Coast guard beacon service

Why do we Need Differential GPS?

By using DGPS we can improve our positional accuracy from around 1.5m with standard GPS to around 40cm with DGPS, without the need for post processing. In the case of the road survey van (top right), users can measure the amount of road wear and judge whether the road should be resurfaced just by driving over it. Just one day's driving can replace a month's manual work using traditional methods.

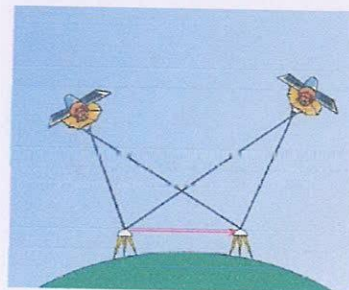
There are many other applications like this. The labour saving is immense but at the same time, previously impossible tasks are made possible such as the prediction of earthquakes before they occur.

DGPS Summary

- Term refers to simple C/A code differential
- Available on GPS receivers from low cost to high cost
- Produces accuracies from sub-metre to metres
- Many real-time DGPS correction providers - Coast guard, EGNOS, Omni STAR




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- Used for many different applications including marine navigation, precision farming and vehicle testing applications.

What is RTK?

Real Time Kinematic is an advanced form of DGPS which uses the satellites carrier wave to compare 2 observations from different receivers within the system, to fine tune the satellite and receiver clock errors, thus improving positional accuracy.

Real Time Kinematic (RTK)

The GPS signal is made up of 3 distinct components:

- Carrier wave • GPS Code
- Navigation message

Typical GPS receivers will use the GPS navigation message to calculate its position. RTK uses the carrier wave of the GPS signal, which is 19.02cm long. By counting the number of cycles (and phase of the carrier), the travel time and distance can be measured more accurately.

RTK Summary

- Similar technique as DGPS that uses the carrier phase to provide more accurate positioning
- Cost is higher compared to DGPS receivers • Produces accuracies from 20 cm to sub-centimetres
- RTK corrections provided via a local base station or by a private correction provider - Omni STAR, Leica, Trimble
- Produces accuracies from 20 cm to sub-centimetres
- RTK corrections provided via a local base station or by a private correction provider - Omni STAR, Leica, Trimble

Used for many different applications including machine control (construction, container ports, farming), vehicle testing applications, surveying (land, marine, hydrographic, aerial)

RINEX FILE

The first proposal for the **Receiver Independent Exchange Format RINEX** was developed by the Astronomical Institute of the University of Berne for the easy exchange of the Global Positioning System (GPS) data to be collected during the first large European GPS campaign EUREF 89, which involved more than 60 GPS receivers of 4 different manufacturers. The governing aspect during the development was the following fact: Most geodetic processing software for GPS data use a well-defined set of observables:

The carrier-phase measurement at one or both carriers (actually being a measurement on the beat frequency between the received carrier of the satellite signal and a receiver generated reference frequency).



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- The pseudo range (code) measurement, equivalent to the difference of the time of reception (expressed in the time frame of the receiver) and the time of transmission (expressed in the time frame of the satellite) of a distinct satellite signal.
- The observation time being the reading of the receiver clock at the instant of validity of the carrier-phase and/or the code measurements. Usually the software assumes that the observation time is valid for both the phase and the code measurements, and for all satellites observed. Consequently, all these programs do not need most of the information that is usually stored by the receivers: They need phase, code, and time in the above-mentioned definitions, and some station related information like station name, antenna height, etc. Up till now two major format versions have been developed and published:
- The original RINEX Version 1 presented at and accepted by the 5th International Geodetic Symposium on Satellite Positioning in Las Cruces, 1989. [Gurtner et al. 1989], [Evans 1989]
- RINEX Version 2 presented at and accepted by the Second International Symposium of Precise Positioning with the Global Positioning system in Ottawa, 1990, mainly adding the possibility to include tracking data from different satellite systems (GLONASS, SBAS). [Gurtner and Mader 1990a, 1990b], [Gurtner 1994]. Several subversions of RINEX Version 2 have been defined:
- Version 2.10: Among other minor changes allowing for sampling rates other than Integer seconds and including raw signal strengths as new observables. [Gurtner 2002] • Version 2.11: Includes the definition of a two-character observation code for L2C pseudoranges and some modifications in the GEO NAV MESS files [Gurtner and Estey 2005]
- Version 2.20: Unofficial version used for the exchange of tracking data from spaceborne receivers within the IGS LEO pilot project [Gurtner and Estey 2002]. As spin-offs of this idea of a receiver-independent GPS
- Version 2.11: Includes the definition of a two-character observation code for L2C pseudo ranges and some modifications in the GEO NAV MESS files [Gurtner and Estey 2005]
- Version 2.20: Unofficial version used for the exchange of tracking data from spaceborne receivers within the IGS LEO pilot project [Gurtner and Estey 2002]. As spin-offs of this idea of a receiver independent GPS exchange format other RINEX-like exchange file formats have been defined, mainly used by the International GNSS Service IGS:
- Exchange format for **satellite and receiver clock offsets** determined by processing data of a GNSS tracking network [Ray and Gurtner 1999]
- Exchange format for the complete **broadcast data of spacebased augmentation systems SBAS**. [Suard et al. 2004]
- **IONEX**: Exchange format for **ionosphere models** determined by processing data of a GNSS tracking network [Schaer et al. 1998] • **ANTEX**:



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Exchange format for **phase centre variations** of geodetic GNSS antennae [Rothacher and Schmid 2005]. The upcoming European Navigation Satellite System Galileo and the enhanced GPS with new frequencies and observation types, especially the possibility to track frequencies on different channels, ask for a more flexible and more detailed definition of the observation codes. To improve the handling of the data files in case of "mixed" files, i.e. files containing tracking data of more than one satellite system, each one with different observation types, the record structure of the data record has been modified significantly and, following several requests, the limitation to 80 characters length has been removed. As the changes are quite significant, they lead to a new RINEX Version 3. The new version also includes the unofficial Version 2.20 definitions for space-borne receivers. The major change asking for a version 3.01 was the requirement to generate consistent phase observations across different tracking modes or channels, i.e. to apply $\frac{1}{4}$ -cycle shifts prior to RINEX file generation, if necessary, to facilitate the processing of such data.

- IONEX: Exchange format for **ionosphere models** determined by processing data of a GNSS tracking network [Schaer et al. 1998] •

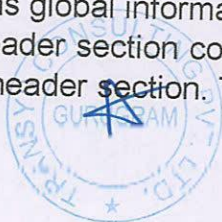
ANTEX: Exchange format for **phase centre variations** of geodetic GNSS antennae [Rothacher and Schmid 2005].

The upcoming European Navigation Satellite System Galileo and the enhanced GPS with new frequencies and observation types, especially the possibility to track frequencies on different channels, ask for a more flexible and more detailed definition of the observation codes. To improve the handling of the data files in case of "mixed" files, i.e. files containing tracking data of more than one satellite system, each one with different observation types, the record structure of the data record has been modified significantly and, following several requests, the limitation to 80 characters length has been removed. As the changes are quite significant, they lead to a new RINEX Version 3. The new version also includes the unofficial Version 2.20 definitions for space-borne receivers. The major change asking for a version 3.01 was the requirement to generate consistent phase observations across different tracking modes or channels, i.e. to apply $\frac{1}{4}$ -cycle shifts prior to RINEX file generation, if necessary, to facilitate the processing of such data.

The RINEX version 3.00 format consists of three ASCII file types:

1. Observation data File
2. Navigation message File
3. Meteorological data File

Each file type consists of a header section and a data section. The header section contains global information for the entire file and is placed at the beginning of the file. The header section contains header labels in columns 61-80 for each line contained in the header section. These labels are mandatory and must appear exactly as given



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in these descriptions and examples. The format has been optimized for minimum space requirements independent from the number of different observation types of a specific receiver or satellite system by indicating in the header the types of observations to be stored for this receiver and the satellite systems having been observed. In computer systems allowing variable record lengths the observation records may be kept as short as possible. Trailing blanks can be removed from the records. There is no maximum record length limitation for the observation records.

Each Observation file and each Meteorological Data file basically contain the data from one site and one session. Starting with Version 2 RINEX also allows including observation data from more than one site subsequently occupied by a roving receiver in rapid static or kinematic applications. Although Version 2 and higher allow to insert header records into the data section it is not recommended to concatenate data of more than one receiver (or antenna) into the same file, even if the data do not overlap in time. If data from more than one receiver have to be exchanged, it would not be economical to include the identical satellite navigation messages collected by the different receivers several times. Therefore, the navigation message file from one receiver may be exchanged or a composite navigation message file created containing non-redundant information from several receivers in order to make the most complete file. The format of the data records of the RINEX Version 1 navigation message file was identical to the former NGS exchange format. RINEX version 3 navigation message files may contain navigation messages of more than one satellite system (GPS, GLONASS, Galileo, Quasi Zenith Satellite System (QZSS), BeiDou System (BDS) and SBAS).

The actual format descriptions as well as examples are given in the Appendix Tables at the end of the document.

BASIC DEFINITIONS

Time:

The time of the measurement is the receiver time of the received signals. It is identical for the phase and range measurements and is identical for all satellites observed at that epoch. For single-system data files it is by default expressed in the time system of the respective satellite system. Otherwise the actual time can (for mixed files must) be indicated in the Start Time header record.

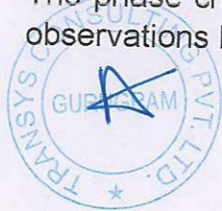
Pseudo-Range:

The pseudo-range (PR) is the distance from the receiver antenna to the satellite antenna including receiver and satellite clock offsets—satellite clock offset + other biases) so that the pseudo-range reflects the actual behaviour of the receiver and satellite clocks. The pseudo range is stored in units of meters.

Phase:

The phase is the carrier-phase measured in whole cycles. The half cycles measured by squaring type receivers must be converted to whole cycles and flagged by the respective observation code.

The phase changes in the same sense as the range (negative doppler). The phase observations between epochs must be connected by including the integer number of



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cycles. The observables are not corrected for external effects like atmospheric refraction, satellite clock offsets, etc. If necessary phase observations are corrected for phase shifts needed to guarantee consistency between phases of the same frequency and satellite system based on different signal channels.

If the receiver or the converter software adjusts the measurements using the real-time-derived receiver clock offsets $dT(r)$, the consistency of the 3 1 Time (corr) = $\text{Time}(r) - dT(r)$

$$2 \text{ PR (corr)} = \text{PR}(r) - dT(r) \cdot c \quad 3 \text{ phase (corr)} = \text{phase}(r) - dT(r) \cdot \text{freq}$$

Doppler:

The sign of the doppler shift as additional observable is defined as usual: Positive for approaching satellites.

Satellite numbers:

Starting with RINEX Version 2 the former two-digit satellite numbers **nn** are preceded by a one-character system identifier **s**. The same satellite system identifiers are also used in all header records when appropriate.

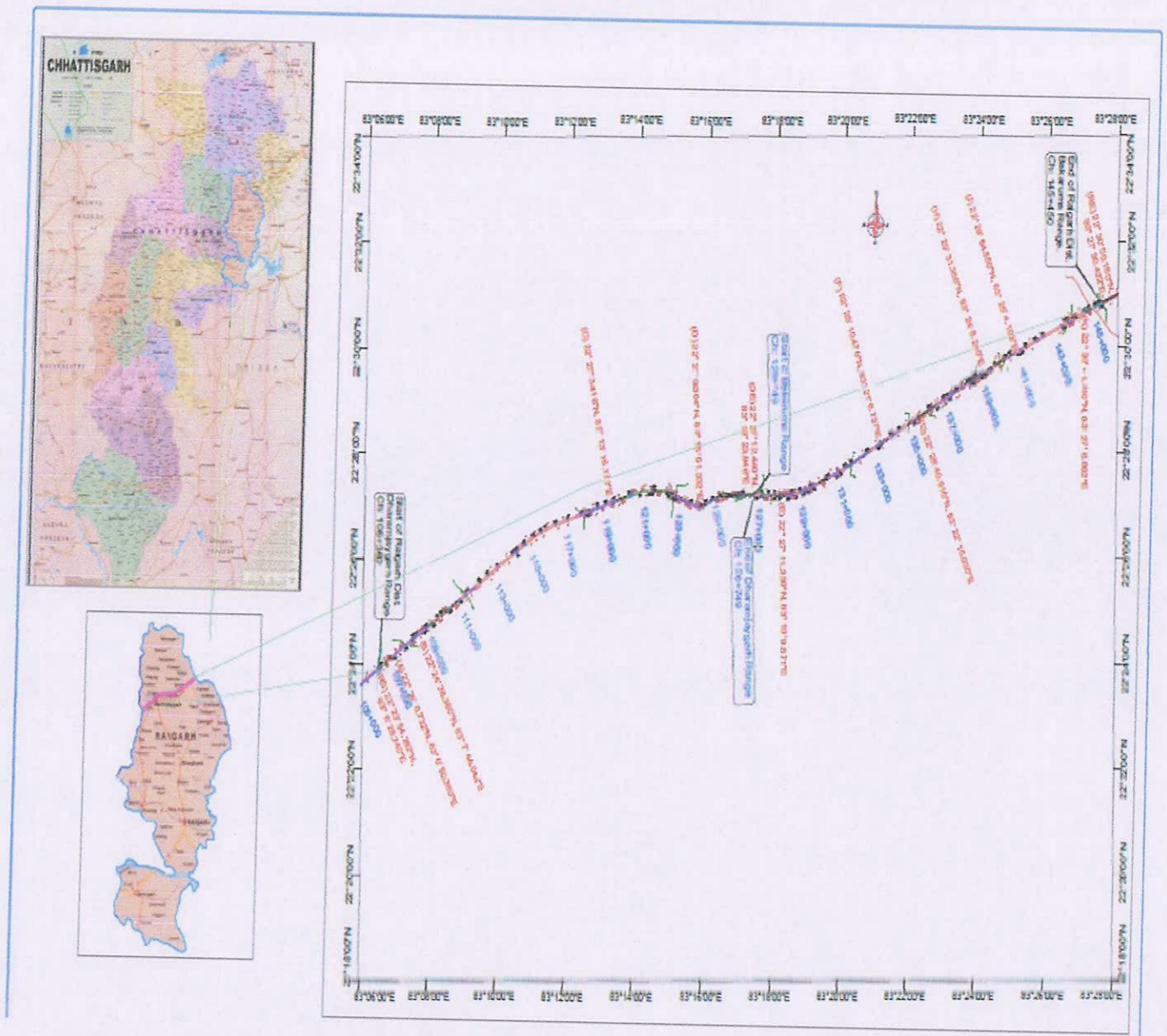
THE EXCHANGE OF RINEX FILES.

The original RINEX file naming convention was implemented in the MSDOS era when file names were restricted to 8.3 characters. Modern operating systems typically support 255 character file names. The goal of the new file naming convention is to be more: descriptive, flexible and extensible than the RINEX 2.11 file naming convention. All elements are fixed length and are separated by an underscore "_" except for the file type and compression fields that uses a period "." separator. Fields must be padded with zeros to fill the field width. The file compression field is optional. In order to further reduce the size of observation files Yuki Hatanaka developed a compression scheme that takes advantage of the structure of the RINEX observation data by forming higher order differences in time between observations of the same type and satellite. This compressed file is also an ASCII file that is subsequently compressed again using the above mentioned standard compression programs.




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Location Plan



Proposal for Diversion of 90.9718 Ha. Forest land under Dharamjaigarh Division, for Construction and Widening of 4- Lane with paved shoulders configuration of Uрга- Pathalgaon Section of NH-130 A in the State of Chhattisgarh. (70+200 to 157+745).

वन मण्डलाधिकारी
धरमजयगढ़ वन मण्डल
जिला रायगढ़ (छ.ब.)

GPS Survey points for Diversion

Dharamjalgarh Forest division, District Raigarh

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भरनगायगाढ़ उप वन मण्डल

परिक्षेत्र सहायक
बरतापाली

वन परिक्षा अधिकारी
धरमजयगढ़

PROJECT DIRECTION
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परिसर रक्षक
धर्मजयगढ़

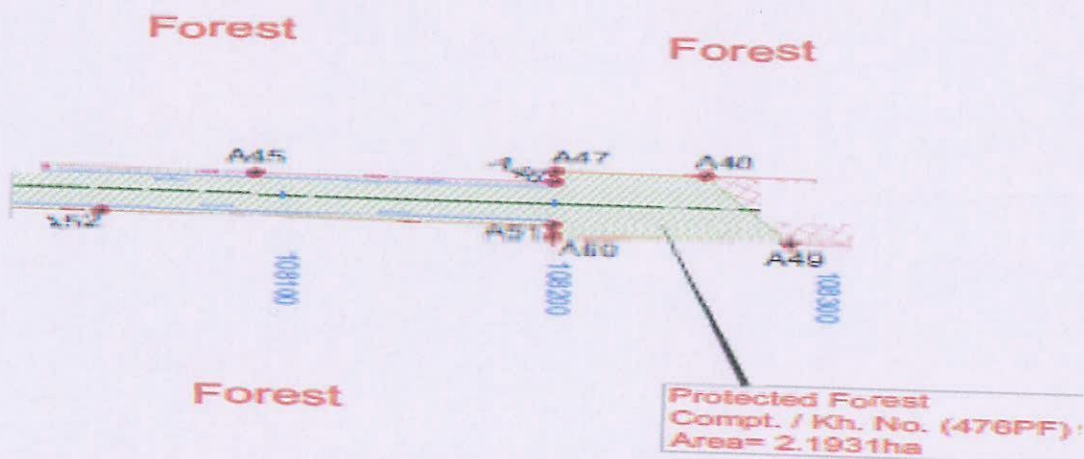
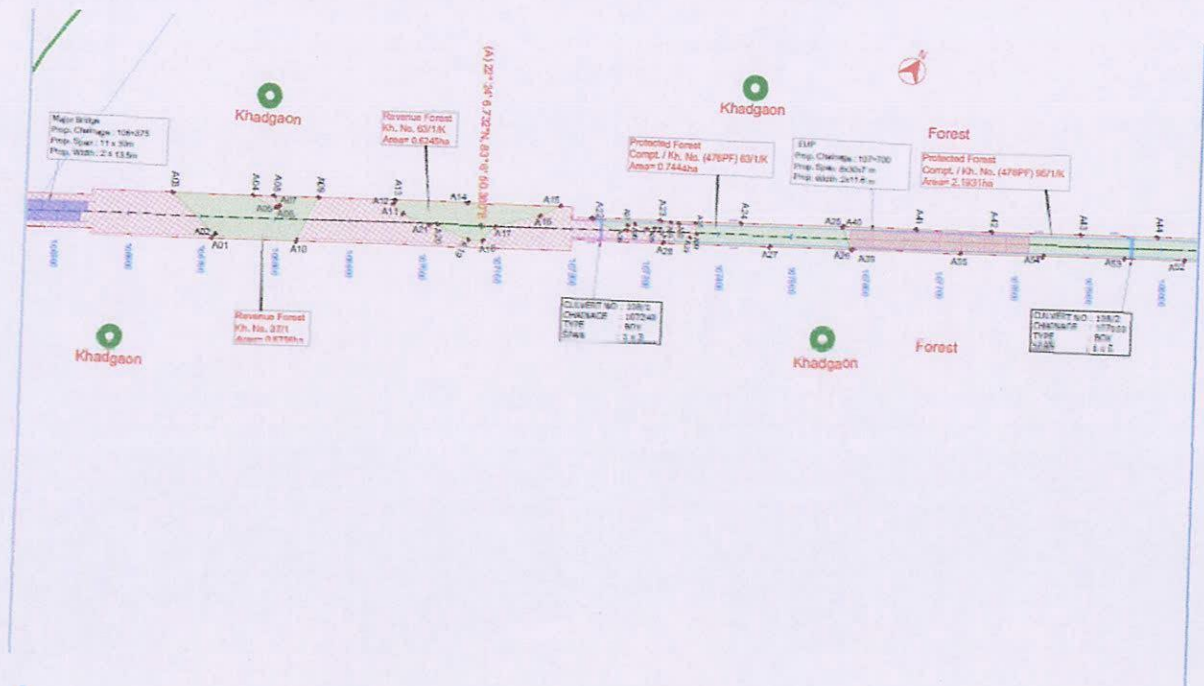
परिक्षेत्र सहायक
धरमजयगढ़ पूर्व

परिषद् अध्यक्ष
वन परिक्षा प्राधिका

परिष्कारित १९८३
१९८३



1. Village – Khadgaon, Range – Dharamjaigarh, Area – 4.4375423Ha.



GPS Coordinates: Degree, Minute & Second (Area-4.4375423Ha.)

Point No.	Latitude (N)	Longitude (E)	Remark	Survey No	Area in (Ha)
A01	22° 23' 59.853" N	83° 6' 39.945" E	Khadgaon Village	37/1	0.8756
A02	22° 24' 0.059" N	83° 6' 39.995" E			
A03	22° 24' 0.599" N	83° 6' 37.221" E			
A04	22° 24' 2.418" N	83° 6' 40.514" E			
A05	22° 24' 2.496" N	83° 6' 41.732" E			
A06	22° 24' 2.565" N	83° 6' 41.841" E			
A07	22° 24' 2.677" N	83° 6' 41.850" E			
A08	22° 24' 2.890" N	83° 6' 41.369" E			
A09	22° 24' 3.882" N	83° 6' 43.165" E			
A10	22° 24' 1.744" N	83° 6' 43.402" E			

वन मण्डलाधिकारी
धरमजयगढ़ वन मण्डल
जिला पल्लवा (उ.प्र.)

परिस्तर रक्षक परिक्षेत्र सहायक
धरमजयगढ़

PROJECT DIRECTOR
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वन परिक्षेत्राधिकारी
धरमजयगढ़ उप वन मण्डलाधिकारी
धरमजयगढ़ उप वन मण्डल

A11	22° 24' 5.271" N	83° 6' 46.959" E	Khadgaon Village	63/1/K	0.6245
A12	22° 24' 5.440" N	83° 6' 46.311" E			
A13	22° 24' 5.601" N	83° 6' 46.288" E			
A14	22° 24' 7.238" N	83° 6' 49.243" E			
A15	22° 24' 9.289" N	83° 6' 52.957" E			
A16	22° 24' 8.443" N	83° 6' 52.414" E			
A17	22° 24' 6.995" N	83° 6' 50.945" E			
A18	22° 24' 6.192" N	83° 6' 50.804" E			
A19	22° 24' 5.877" N	83° 6' 50.201" E			
A20	22° 24' 5.736" N	83° 6' 48.577" E			
A21	22° 24' 5.533" N	83° 6' 48.305" E			
A22	22° 24' 9.559" N	83° 6' 51.513" E	Forest Land	(476PF) 63/1/K	0.7444
A23	22° 24' 11.134" N	83° 6' 57.326" E			
A24	22° 24' 12.960" N	83° 7' 0.632" E			
A25	22° 24' 15.271" N	83° 7' 4.818" E			
A26	22° 24' 14.669" N	83° 7' 5.781" E			
A27	22° 24' 12.796" N	83° 7' 2.390" E			
A28	22° 24' 10.374" N	83° 6' 58.003" E			
A29	22° 24' 11.223" N	83° 6' 58.928" E			
A30	22° 24' 11.517" N	83° 6' 59.114" E			
A31	22° 24' 11.869" N	83° 6' 58.786" E			
A32	22° 24' 11.471" N	83° 6' 58.160" E			
A33	22° 24' 11.319" N	83° 6' 57.785" E			
A34	22° 24' 10.721" N	83° 6' 57.270" E			
A35	22° 24' 10.516" N	83° 6' 56.993" E			
A36	22° 24' 10.392" N	83° 6' 56.385" E			
A37	22° 24' 10.169" N	83° 6' 56.123" E			
A38	22° 24' 9.981" N	83° 6' 56.203" F			
A39	22° 24' 14.669" N	83° 7' 5.781" E			
A40	22° 24' 15.271" N	83° 7' 4.818" E			
A41	22° 24' 16.943" N	83° 7' 7.845" E			
A42	22° 24' 18.602" N	83° 7' 10.851" E			
A43	22° 24' 20.593" N	83° 7' 14.458" E			
A44	22° 24' 22.319" N	83° 7' 17.584" E			
A45	22° 24' 23.912" N	83° 7' 20.469" E			
A46	22° 24' 25.738" N	83° 7' 23.776" E			
A47	22° 24' 25.947" N	83° 7' 23.642" E	Forest Land	(476PF) 95/1/K	2.1931
A48	22° 24' 26.874" N	83° 7' 25.320" E			
A49	22° 24' 26.150" N	83° 7' 27.090" E			
A50	22° 24' 24.690" N	83° 7' 24.445" E			
A51	22° 24' 24.899" N	83° 7' 24.311" E			
A52	22° 24' 22.132" N	83° 7' 19.299" E			
A53	22° 24' 20.751" N	83° 7' 16.797" E			
A54	22° 24' 18.925" N	83° 7' 13.490" E			
A55	22° 24' 17.100" N	83° 7' 10.184" E			

परिक्षेत्र सहायक
वरतापाली

वन मण्डलाधिकारी
धरमजयगढ़ वन मण्डल
जिला रायगढ़ (छ.ग.)

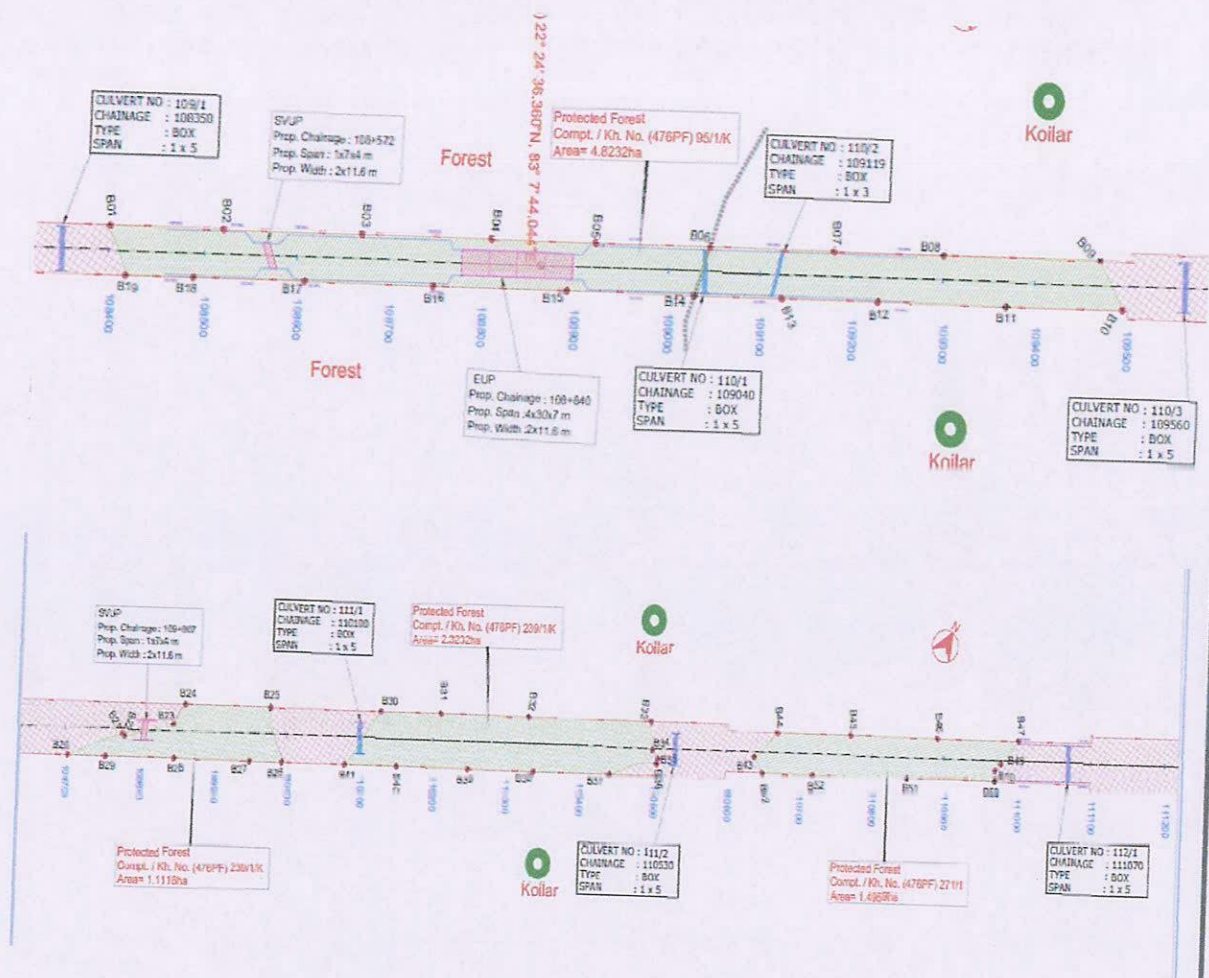


परिक्षेत्र सहायक
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उप वन मण्डलाधिकारी
धरमजयगढ़ उप वन मण्डल

2. Village – Forest Land, Range – Dharamjaigarh, Area – 9.754101Ha.



GPS Coordinates: Degree, Minute & Second (Area-9.754101Ha.)

Point No.	Latitude (N)	Longitude (E)	Remark	Survey No	Area in (Ha)
B01	22° 24' 29.262" N	83° 7' 29.645" E	Forest Land (476PF) 95/1/K		4.8232
B02	22° 24' 31.258" N	83° 7' 33.260" E			
B03	22° 24' 33.747" N	83° 7' 37.769" E			
B04	22° 24' 36.070" N	83° 7' 41.977" E			
B05	22° 24' 37.930" N	83° 7' 45.346" E			
B06	22° 24' 39.956" N	83° 7' 49.018" E			
B07	22° 24' 42.206" N	83° 7' 53.093" E			
B08	22° 24' 44.200" N	83° 7' 56.706" E			
B09	22° 24' 46.988" N	83° 8' 1.756" E			
B10	22° 24' 46.168" N	83° 8' 3.336" E			
B11	22° 24' 44.104" N	83° 7' 59.613" E			
B12	22° 24' 41.781" N	83° 7' 55.405" E			
B13	22° 24' 40.040" N	83° 7' 52.251" E			
B14	22° 24' 38.451" N	83° 7' 49.373" E			
B15	22° 24' 36.217" N	83° 7' 45.325" E			



परिस्तर रक्षक परिक्षेत्र सहायक
धरमजयगढ़
परिक्षेत्र सहायक
धरमजयगढ़ पूर्व

वन परिक्षेत्राधिकारी
धरमजयगढ़
उप वन मण्डलाधिकारी
धरमजयगढ़ उप वन मण्डल

B16	22° 24' 33.816" N	83° 7' 40.977" E			
B17	22° 24' 31.493" N	83° 7' 36.769" E			
B18	22° 24' 29.502" N	83° 7' 33.162" E			
B19	22° 24' 28.312" N	83° 7' 31.005" E			
B20	22° 24' 49.470" N	83° 8' 9.819" E	Forest Land	(476PF) 239/1/K	1.1118
B21	22° 24' 51.358" N	83° 8' 11.547" E			
B22	22° 24' 51.338" N	83° 8' 11.682" E			
B23	22° 24' 52.828" N	83° 8' 13.350" E			
B24	22° 24' 53.702" N	83° 8' 13.406" E			
B25	22° 24' 55.621" N	83° 8' 16.898" E			
B26	22° 24' 54.252" N	83° 8' 18.492" E			
B27	22° 24' 53.518" N	83° 8' 17.182" E			
B28	22° 24' 51.812" N	83° 8' 14.092" E			
B29	22° 24' 50.306" N	83° 8' 11.363" E			
B30	22° 24' 58.140" N	83° 8' 21.449" E	Forest Land	(476PF) 239/1/K	2.3232
B31	22° 24' 59.509" N	83° 8' 23.928" E			
B32	22° 25' 1.511" N	83° 8' 27.556" E			
B33	22° 25' 4.252" N	83° 8' 32.523" E			
B34	22° 25' 3.409" N	83° 8' 33.194" E			
B35	22° 25' 3.266" N	83° 8' 33.610" E			
B36	22° 25' 3.110" N	83° 8' 33.643" E			
B37	22° 25' 1.689" N	83° 8' 31.987" E			
B38	22° 24' 59.988" N	83° 8' 28.906" E			
B39	22° 24' 58.495" N	83° 8' 26.201" E			
B40	22° 24' 56.873" N	83° 8' 23.262" E	Forest Land	(476PF) 271/1	1.4959
B41	22° 24' 55.684" N	83° 8' 21.107" E			
B42	22° 25' 5.351" N	83° 8' 38.109" E			
B43	22° 25' 5.628" N	83° 8' 37.440" E			
B44	22° 25' 6.917" N	83° 8' 37.866" E			
B45	22° 25' 8.590" N	83° 8' 40.896" E			
B46	22° 25' 10.580" N	83° 8' 44.504" E			
B47	22° 25' 12.432" N	83° 8' 47.859" E			
B48	22° 25' 11.342" N	83° 8' 47.653" E			
B49	22° 25' 10.998" N	83° 8' 47.549" E			
B50	22° 25' 10.672" N	83° 8' 47.753" E			
B51	22° 25' 8.659" N	83° 8' 44.104" E			
B52	22° 25' 6.502" N	83° 8' 40.196" E			



परिसर रक्षक
धरमजयगढ़

PROJECT DIRECTOR
NHAI, PIU, KORBA (C.G.)

परिक्षेत्र सहायक
धरमजयगढ़ पूर्व

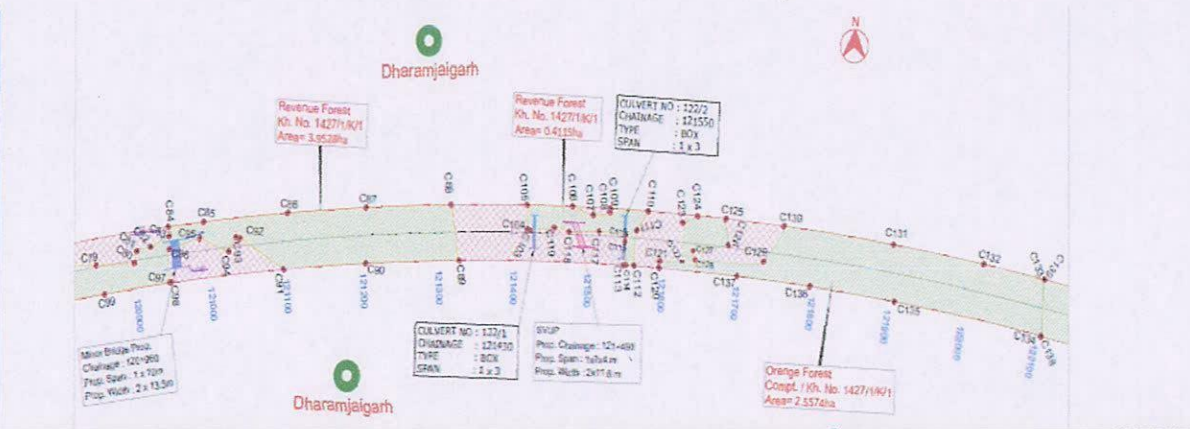
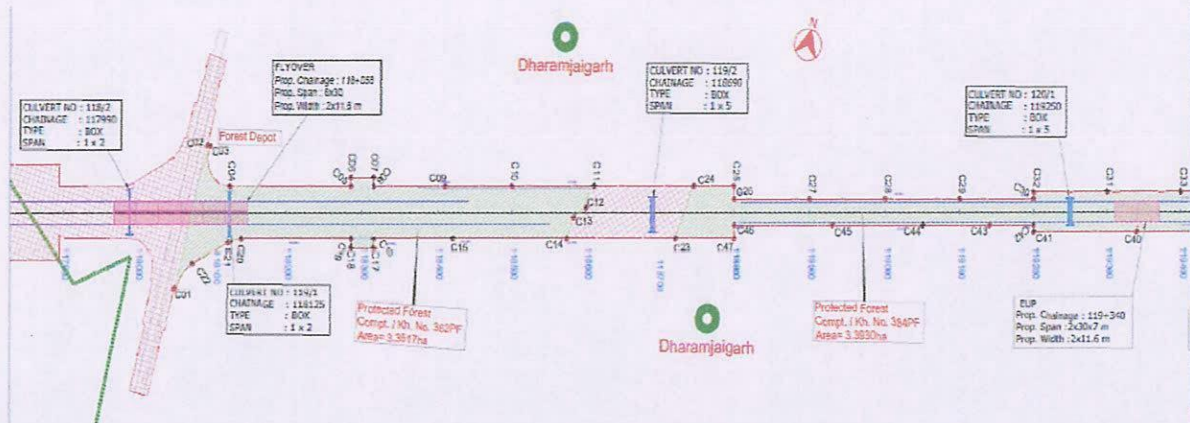
वन मण्डलाधिकारी
धरमजयगढ़ वन मण्डल
जिला रायगढ़ (छ.प.)

वन परिक्षेत्राधिकारी
धरमजयगढ़

उप वन मण्डलाधिकारी
धरमजयगढ़ उप वन मण्डल

परिक्षेत्र सहायक
बरतापाली

3. Village – Dharamjaigarh, Range – Dharamjaigarh, Area – 21.58840075Ha.



**परिक्षेत्र सहायक
वरतापारी**

**परिसर रक्षक
धरमजयगढ़**

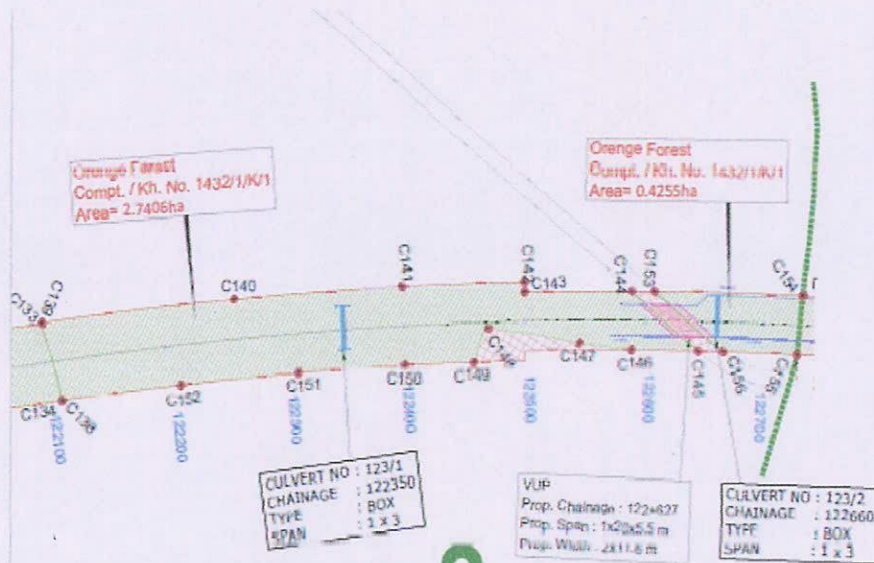
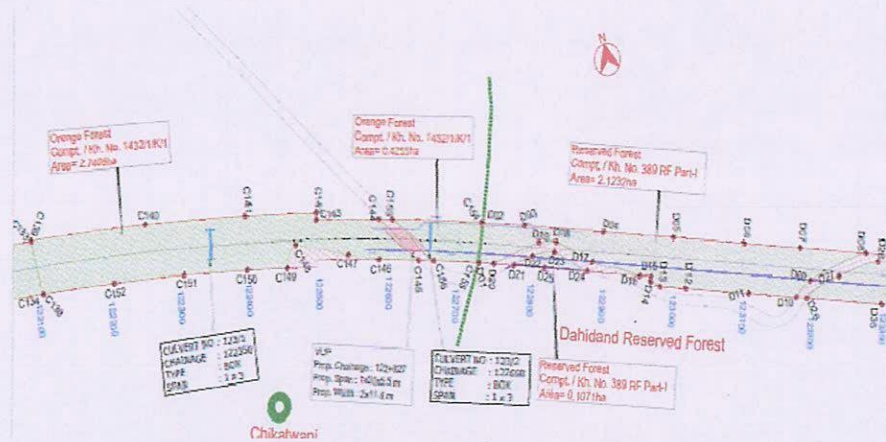
**PROJECT DIRECTOR
NHAI, PIU, KORBA (C.G.)**

**परिक्षेत्र सहायक
धरमजयगढ़ पूर्व**

**वन परिक्षेत्राधिकारी
धरमजयगढ़**

**वन मण्डलाधिकारी
धरमजयगढ़ वन मण्डल
जिला रायगढ़ (छ.प्र.)**

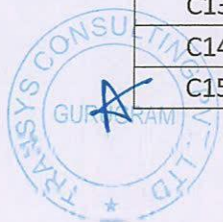
**उप वन मण्डलाधिकारी
धरमजयगढ़ उप वन मण्डल**



GPS Coordinates: Degree, Minute & Second (Area- 21.58840075Ha.)

Point No.	Latitude (N)	Longitude (E)	Remark	Survey No	Area in (Ha)
C01	22° 26' 48.409" N	83° 12' 29.423" E	Forest Land	362 PF	3.3517
C02	22° 26' 53.933" N	83° 12' 29.402" E			
C03	22° 26' 53.933" N	83° 12' 29.507" E			
C04	22° 26' 52.721" N	83° 12' 30.854" E			
C05	22° 26' 54.114" N	83° 12' 36.246" E			
C06	22° 26' 54.427" N	83° 12' 36.153" E			
C07	22° 26' 54.689" N	83° 12' 37.164" E			
C08	22° 26' 54.375" N	83° 12' 37.257" E			
C09	22° 26' 55.202" N	83° 12' 40.458" E			
C10	22° 26' 55.985" N	83° 12' 43.490" E			
C11	22° 26' 56.947" N	83° 12' 47.211" E			
C12	22° 26' 56.090" N	83° 12' 47.081" E			
C13	22° 26' 55.583" N	83° 12' 46.627" E			
C14	22° 26' 54.743" N	83° 12' 46.515" E			
C15	22° 26' 53.410" N	83° 12' 41.356" E			

रक्षेत्र सहायक
बरतापाली



परिसर रक्षक
धरमजयगढ़

परिसर रक्षक
धरमजयगढ़

PROJECT DIRECTOR
NHAI, PIU, KORBA (C.G.)

परिक्षेत्र सहायक
धरमजयगढ़ (पश्चिम)

वन परिक्षेत्राधिकारी
धरमजयगढ़

वन मण्डलाधिकारी
धरमजयगढ़ वन मण्डल
विश्वरूप चन्द (उ.ब.)

उप वन मण्डलाधिकारी
धरमजयगढ़ उप वन मण्डल

C16	22° 26' 52.497" N	83° 12' 37.819" E			
C17	22° 26' 52.183" N	83° 12' 37.912" E			
C18	22° 26' 51.922" N	83° 12' 36.902" E			
C19	22° 26' 52.235" N	83° 12' 36.808" E			
C20	22° 26' 50.973" N	83° 12' 31.923" E			
C22	22° 26' 49.508" N	83° 12' 29.981" E			
C23	22° 26' 56.026" N	83° 12' 51.484" E	Forest Land	384 PF	3.3930
C24	22° 26' 58.119" N	83° 12' 51.751" E			
C25	22° 26' 58.596" N	83° 12' 53.596" E			
C26	22° 26' 58.126" N	83° 12' 53.737" E			
C27	22° 26' 58.996" N	83° 12' 57.106" E			
C28	22° 26' 59.867" N	83° 13' 0.474" E			
C29	22° 27' 0.737" N	83° 13' 3.843" E			
C30	22° 27' 1.607" N	83° 13' 7.212" E			
C31	22° 27' 2.712" N	83° 13' 10.511" E			
C32	22° 27' 1.842" N	83° 13' 7.142" E			
C33	22° 27' 3.582" N	83° 13' 13.880" E			
C34	22° 27' 4.539" N	83° 13' 17.586" E			
C35	22° 27' 5.391" N	83° 13' 20.887" E			
C36	22° 27' 4.433" N	83° 13' 21.127" E			
C37	22° 27' 4.210" N	83° 13' 20.294" F			
C38	22° 27' 3.730" N	83° 13' 20.331" E			
C39	22° 27' 2.521" N	83° 13' 15.649" E			
C40	22° 27' 1.651" N	83° 13' 12.280" E			
C41	22° 27' 0.432" N	83° 13' 7.563" F			
C42	22° 27' 0.667" N	83° 13' 7.493" E			
C43	22° 27' 0.145" N	83° 13' 5.472" E			
C44	22° 26' 59.362" N	83° 13' 2.440" E			
C45	22° 26' 58.318" N	83° 12' 58.397" E			
C46	22° 26' 57.187" N	83° 12' 54.017" E			
C47	22° 26' 56.717" N	83° 12' 54.158" E			
C48	22° 27' 4.349" N	83° 13' 22.728" E	Silingpara Village	1205/1/K	4.6238
C49	22° 27' 5.819" N	83° 13' 22.543" E			
C50	22° 27' 6.821" N	83° 13' 26.423" E			
C51	22° 27' 7.932" N	83° 13' 30.725" E			
C52	22° 27' 8.088" N	83° 13' 30.678" E			
C53	22° 27' 8.958" N	83° 13' 34.047" E			
C54	22° 27' 9.828" N	83° 13' 37.416" E			
C55	22° 27' 9.985" N	83° 13' 37.370" E			
C56	22° 27' 10.855" N	83° 13' 40.739" E			
C57	22° 27' 12.159" N	83° 13' 45.792" E			
C58	22° 27' 12.081" N	83° 13' 45.816" E			
C59	22° 27' 13.087" N	83° 13' 49.710" E			
C60	22° 27' 12.667" N	83° 13' 50.541" E			
C61	22° 27' 11.397" N	83° 13' 51.006" E			
C62	22° 27' 10.199" N	83° 13' 46.376" E			

वन मण्डलाधिकारी
धरमजयगढ़ वन मण्डल
धरमजयगढ़ (उ.प्र.)

परिसर रक्षक
धरमजयगढ़

PROJECT DIRECTOR
NHAI, PIU, KORBA (C.G.)

वन परिसर अधिकारी
धरमजयगढ़

उप वन मण्डलाधिकारी
धरमजयगढ़ उप वन मण्डल

C63	22° 27' 10.112" N	83° 13' 46.403" E			
C64	22° 27' 9.005" N	83° 13' 42.065" E			
C65	22° 27' 7.949" N	83° 13' 37.976" E			
C66	22° 27' 8.105" N	83° 13' 37.927" E			
C67	22° 27' 7.062" N	83° 13' 33.888" E			
C68	22° 27' 6.366" N	83° 13' 31.193" E			
C69	22° 27' 6.523" N	83° 13' 31.146" E			
C70	22° 27' 5.392" N	83° 13' 26.767" E			
C59	22° 27' 13.087" N	83° 13' 49.710" E	Silingpara Village	1205/1/K (Nala)	0.132
C60	22° 27' 12.667" N	83° 13' 50.541" E			
C61	22° 27' 11.397" N	83° 13' 51.006" E			
C71	22° 27' 11.627" N	83° 13' 51.895" E			
C72	22° 27' 12.952" N	83° 13' 50.959" E			
C71	22° 27' 11.627" N	83° 13' 51.895" E	Dharamjaigarh Village	1427/1/K/1	3.9528
C72	22° 27' 12.952" N	83° 13' 50.959" E			
C73	22° 27' 13.252" N	83° 13' 50.348" E			
C74	22° 27' 14.602" N	83° 13' 55.595" E			
C75	22° 27' 14.808" N	83° 13' 59.346" E			
C76	22° 27' 15.484" N	83° 13' 59.357" E			
C77	22° 27' 15.776" N	83° 14' 0.810" E			
C78	22° 27' 15.171" N	83° 14' 0.945" E			
C79	22° 27' 15.318" N	83° 14' 3.111" E			
C80	22° 27' 15.479" N	83° 14' 4.878" E			
C81	22° 27' 15.903" N	83° 14' 4.971" E			
C82	22° 27' 16.089" N	83° 14' 5.600" E			
C83	22° 27' 16.488" N	83° 14' 6.441" E			
C84	22° 27' 16.812" N	83° 14' 6.380" E			
C85	22° 27' 17.065" N	83° 14' 8.008" E			
C86	22° 27' 17.573" N	83° 14' 11.849" E			
C87	22° 27' 17.935" N	83° 14' 15.355" E			
C88	22° 27' 18.223" N	83° 14' 19.222" E			
C89	22° 27' 16.297" N	83° 14' 19.702" E			
C90	22° 27' 15.984" N	83° 14' 15.439" E			
C91	22° 27' 15.598" N	83° 14' 11.768" E			
C92	22° 27' 16.573" N	83° 14' 9.715" E			
C93	22° 27' 16.604" N	83° 14' 9.531" E			
C94	22° 27' 16.099" N	83° 14' 9.219" E			
C95	22° 27' 16.501" N	83° 14' 7.862" E			
C96	22° 27' 16.042" N	83° 14' 6.473" E			
C97	22° 27' 14.893" N	83° 14' 6.561" E			
C98	22° 27' 14.875" N	83° 14' 6.628" E			
C99	22° 27' 14.340" N	83° 14' 3.562" E			
C100	22° 27' 13.731" N	83° 14' 0.512" E			
C101	22° 27' 12.885" N	83° 13' 56.810" E			
C102	22° 27' 12.290" N	83° 13' 54.463" E			
C103	22° 27' 17.4915" N	83° 13' 22.924" E	Dharamjaigarh Village	1427/1/K/1	0.4115

के.
वन मण्डलाधिकारी
धरमजयगढ़/वन मण्डल
जिला रायगढ़ (छ.प.)



परिसर रक्षक
धरमजयगढ़

PROJECT DIRECTOR
NHAI, PIU, KORBA (C.G.)

वन परिक्षेत्राधिकारी
धरमजयगढ़

उप वन मण्डलाधिकारी
धरमजयगढ़ उप वन मण्डल

C104	22° 27' 17.537" N	83° 14' 22.793" E	arh Village		
C105	22° 27' 18.384" N	83° 14' 22.745" E			
C106	22° 27' 18.435" N	83° 14' 24.861" E			
C107	22° 27' 18.177" N	83° 14' 25.843" E			
C108	22° 27' 18.324" N	83° 14' 26.616" E			
C109	22° 27' 18.451" N	83° 14' 26.625" E			
C110	22° 27' 18.442" N	83° 14' 28.388" E			
C111	22° 27' 17.740" N	83° 14' 27.892" E			
C112	22° 27' 16.507" N	83° 14' 27.817" E			
C113	22° 27' 16.500" N	83° 14' 27.323" E			
C114	22° 27' 16.512" N	83° 14' 27.464" E			
C115	22° 27' 17.320" N	83° 14' 27.386" E			
C116	22° 27' 17.545" N	83° 14' 27.405" E			
C117	22° 27' 17.618" N	83° 14' 26.132" E			
C118	22° 27' 17.527" N	83° 14' 24.750" E			
C119	22° 27' 17.650" N	83° 14' 24.044" E			
C120	22° 27' 16.489" N	83° 14' 28.986" E	Chikatwani Village	1416/1/K/1	2.5574
C121	22° 27' 16.714" N	83° 14' 28.995" E			
C122	22° 27' 16.766" N	83° 14' 30.034" E			
C123	22° 27' 18.110" N	83° 14' 30.003" E			
C124	22° 27' 18.378" N	83° 14' 30.675" E			
C125	22° 27' 18.344" N	83° 14' 31.994" E			
C126	22° 27' 17.433" N	83° 14' 32.150" E			
C127	22° 27' 17.163" N	83° 14' 30.528" E			
C128	22° 27' 16.852" N	83° 14' 30.627" E			
C129	22° 27' 16.940" N	83° 14' 33.786" E			
C130	22° 27' 18.221" N	83° 14' 34.660" E			
C131	22° 27' 17.821" N	83° 14' 39.649" E			
C132	22° 27' 17.336" N	83° 14' 43.852" E			
C133	22° 27' 16.925" N	83° 14' 46.695" E			
C134	22° 27' 14.947" N	83° 14' 46.652" E			
C135	22° 27' 15.846" N	83° 14' 39.784" E			
C136	22° 27' 16.180" N	83° 14' 35.921" E			
C137	22° 27' 16.372" N	83° 14' 32.610" E			
C138	22° 27' 14.947" N	83° 14' 46.652" E	Chikatwani Village	1416/1/K/1	2.7406
C139	22° 27' 16.925" N	83° 14' 46.695" E			
C140	22° 27' 15.955" N	83° 14' 52.185" E			
C141	22° 27' 14.899" N	83° 14' 56.990" E			
C142	22° 27' 14.033" N	83° 15' 0.392" E			
C143	22° 27' 13.799" N	83° 15' 0.319" E			
C144	22° 27' 12.961" N	83° 15' 3.289" E			
C145	22° 27' 11.002" N	83° 15' 4.669" E			
C146	22° 27' 11.564" N	83° 15' 2.822" E			
C147	22° 27' 12.151" N	83° 15' 1.414" E			
C148	22° 27' 13.221" N	83° 14' 59.044" E			
C149	22° 27' 12.529" N	83° 14' 58.394" E			



परिस्तर रक्षक
धरमजयगढ़

परिक्षेत्र सहायक
धरमजयगढ़

PROJECT DIRECTOR
NHAI, PIU, KORBA (C.G.)

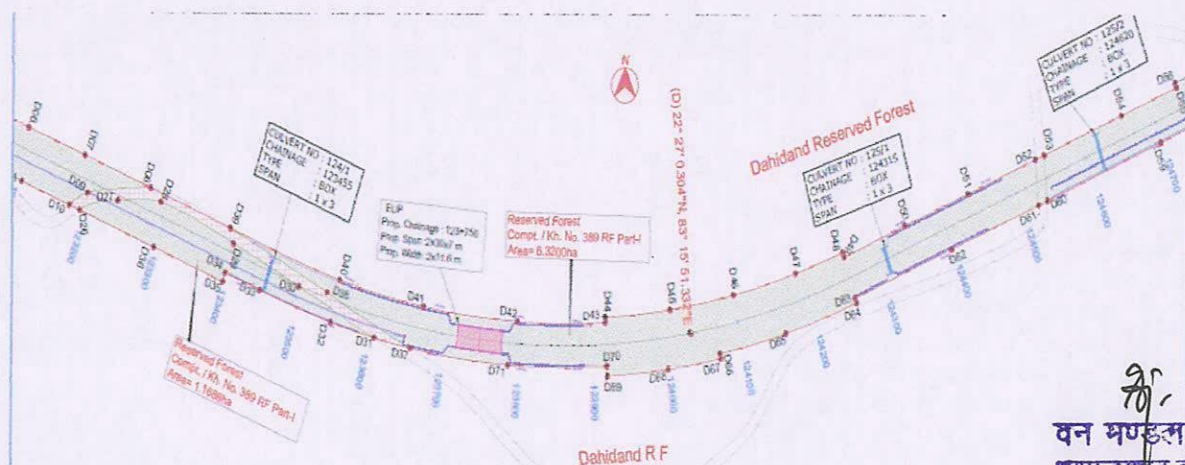
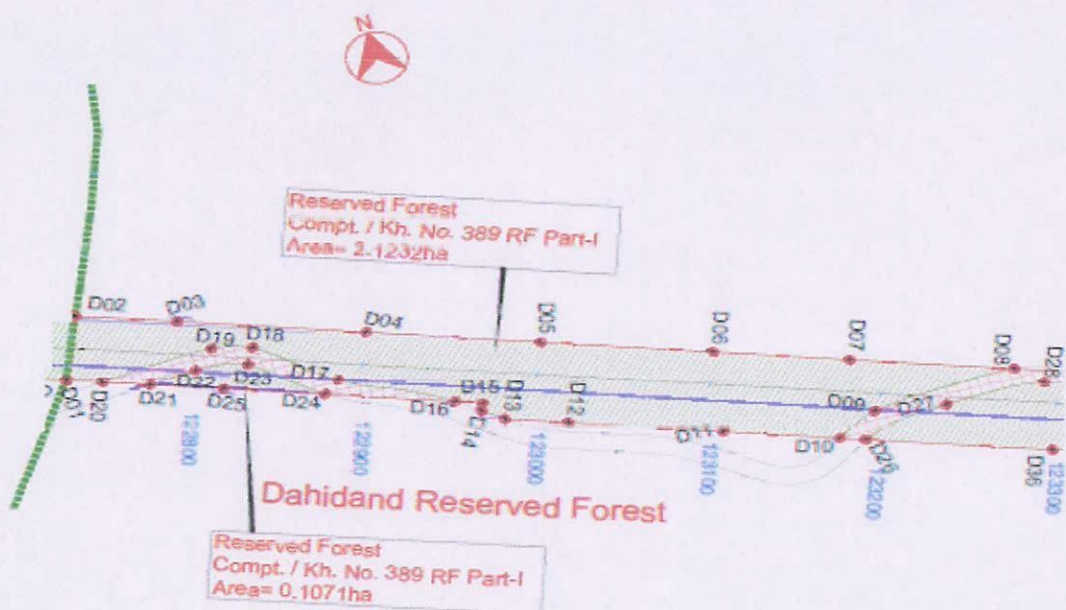
वन परिसर अधिकारी
धरमजयगढ़

उप वन मण्डलाधिकारी
धरमजयगढ़ उप वन मण्डल

वन मण्डलाधिकारी
धरमजयगढ़ वन मण्डल
पिता राजगढ़ (छ.म.)

C150	22° 27' 13.011" N	83° 14' 56.466" E			
C151	22° 27' 13.698" N	83° 14' 53.436" E			
C152	22° 27' 14.375" N	83° 14' 50.047" E			
C153	22° 27' 12.770" N	83° 15' 3.927" E	Chikatwani Village	14.16/1/K/1	0.4255
C154	22° 27' 11.449" N	83° 15' 8.057" E			
C155	22° 27' 10.102" N	83° 15' 7.438" E			
C156	22° 27' 10.782" N	83° 15' 5.365" E			

4. Village – Forest Land, Range – Dharamjaigarh, Area – 19.9897187Ha.



वन मण्डलाधिकारी
धरमजयगढ़ वन मण्डल
जिला रायगढ़ (छ.प्र.)

वन परिक्षेत्राधिकारी
धरमजयगढ़

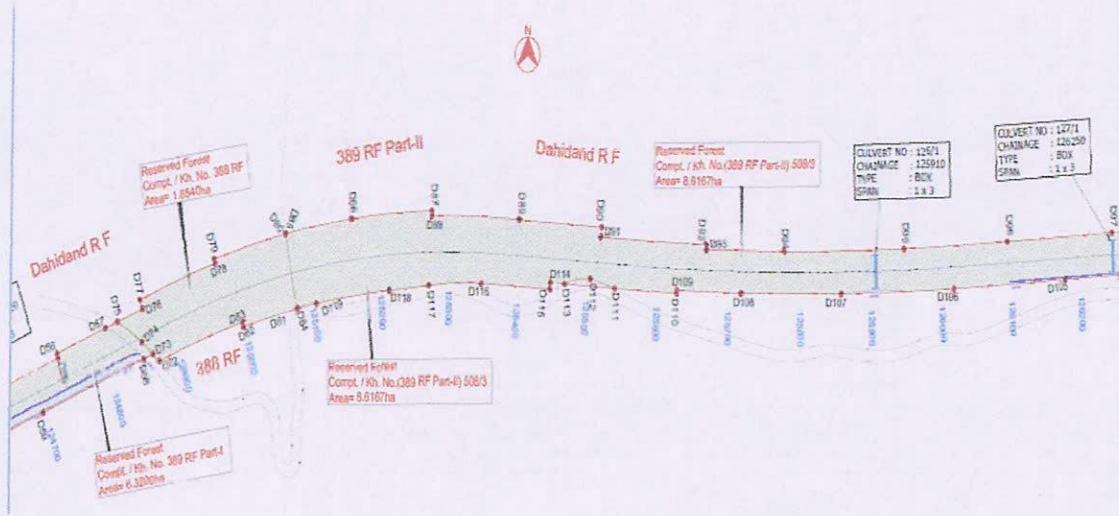
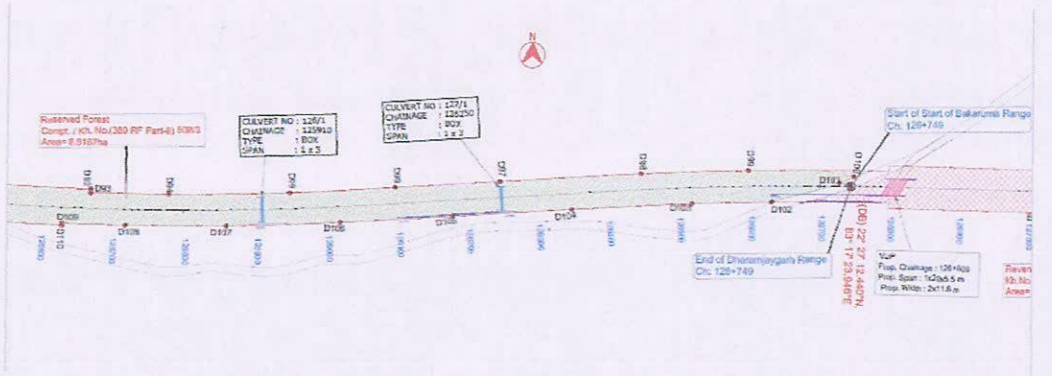
उप वन मण्डलाधिकारी
धरमजयगढ़ उप वन मण्डल



परिसर रक्षक
धरमजयगढ़

परिक्षेत्र सहायक
धरमजयगढ़ पुर

PROJECT DIRECTOR
NIAI, PIU, KORBA (C.G.)



GPS Coordinates: Degree, Minute & Second (Area-19.9897187Ha.)

Point No.	Latitude (N)	Longitude (E)	Remark	Survey No	Area in (Ha)
D01	22° 27' 10.102" N	83° 15' 7.440" E	Forest Land	389 RF Part-I	2.1232
D02	22° 27' 11.449" N	83° 15' 8.057" E			
D03	22° 27' 10.777" N	83° 15' 9.990" E			
D04	22° 27' 9.500" N	83° 15' 13.582" E			
D05	22° 27' 8.340" N	83° 15' 16.849" E			
D06	22° 27' 7.180" N	83° 15' 20.115" E			
D07	22° 27' 6.252" N	83° 15' 22.728" E			
D08	22° 27' 5.159" N	83° 15' 25.803" E			
D09	22° 27' 4.992" N	83° 15' 22.847" E			
D10	22° 27' 4.601" N	83° 15' 21.988" E			
D11	22° 27' 5.394" N	83° 15' 19.755" E			
D12	22° 27' 6.438" N	83° 15' 16.815" E			
D13	22° 27' 6.864" N	83° 15' 15.617" E			
D14	22° 27' 7.157" N	83° 15' 15.240" E			
D15	22° 27' 7.322" N	83° 15' 15.307" E			
D16	22° 27' 7.504" N	83° 15' 14.794" E			

वन मण्डलाधिकारी
धरमजयगढ़ वन मण्डल
प्रियंका चव्हाण (उ.व.)

परिसर रक्षक
धरमजयगढ़

परिक्षेत्र सहायक

धरमजयगढ़ पूर्व

PROJECT DIRECTOR
NHAI, PIU, KORBA (C.G.)

वन परिक्षेत्राधिकारी
धरमजयगढ़

उप वन मण्डलाधिकारी
धरमजयगढ़ उप वन मण्डल

D17	22° 27' 8.618" N	83° 15' 12.700" E			
D18	22° 27' 9.800" N	83° 15' 11.264" E			
D19	22° 27' 10.005" N	83° 15' 10.457" E			
D20	22° 27' 9.869" N	83° 15' 8.120" E			
D21	22° 27' 9.552" N	83° 15' 9.027" E			
D22	22° 27' 9.619" N	83° 15' 9.995" E			
D23	22° 27' 9.461" N	83° 15' 11.051" E	Forest Land	389 RF Part-I	0.1071
D24	22° 27' 8.373" N	83° 15' 12.347" E			
D25	22° 27' 9.062" N	83° 15' 10.408" E			
D26	22° 27' 4.426" N	83° 15' 22.481" E			
D27	22° 27' 4.742" N	83° 15' 24.269" E			
D28	22° 27' 4.693" N	83° 15' 20.280" E			
D29	22° 27' 3.298" N	83° 15' 29.738" E			
D30	22° 27' 1.859" N	83° 15' 32.844" E			
D31	22° 27' 0.162" N	83° 15' 36.439" E	Forest Land	389 RF Part-I	1.1686
D32	22° 27' 0.683" N	83° 15' 34.348" E			
D33	22° 27' 1.753" N	83° 15' 30.989" E			
D34	22° 27' 2.333" N	83° 15' 29.351" E			
D35	22° 27' 2.029" N	83° 15' 29.227" E			
D36	22° 27' 3.190" N	83° 15' 25.960" E			
D37	22° 26' 59.818" N	83° 15' 38.160" E			
D38	22° 27' 1.672" N	83° 15' 34.206" E			
D39	22° 27' 3.815" N	83° 15' 29.586" E			
D40	22° 27' 2.085" N	83° 15' 34.797" E			
D41	22° 27' 1.196" N	83° 15' 38.792" E			
D42	22° 27' 0.696" N	83° 15' 43.210" E			
D43	22° 27' 0.667" N	83° 15' 47.314" E			
D44	22° 27' 0.830" N	83° 15' 47.305" E			
D45	22° 27' 1.080" N	83° 15' 50.365" E			
D46	22° 27' 1.562" N	83° 15' 53.388" E			
D47	22° 27' 2.271" N	83° 15' 56.359" E			
D48	22° 27' 2.977" N	83° 15' 58.624" E			
D49	22° 27' 2.825" N	83° 15' 58.686" E	Forest Land	389 RF Part-I	6.32
D50	22° 27' 3.863" N	83° 16' 1.613" E			
D51	22° 27' 4.917" N	83° 16' 4.548" E			
D52	22° 27' 6.045" N	83° 16' 7.689" E			
D53	22° 27' 6.191" N	83° 16' 8.093" E			
D54	22° 27' 7.495" N	83° 16' 11.723" E			
D55	22° 27' 8.432" N	83° 16' 14.332" E			
D56	22° 27' 8.584" N	83° 16' 14.269" E			
D57	22° 27' 9.454" N	83° 16' 16.691" E			
D58	22° 27' 8.406" N	83° 16' 18.623" E			
D59	22° 27' 6.599" N	83° 16' 13.595" E			
D60	22° 27' 4.680" N	83° 16' 8.253" E			
D61	22° 27' 4.531" N	83° 16' 7.839" E			
D62	22° 27' 3.084" N	83° 16' 3.811" E			

वन मण्डलाधिकारी
धरमजयगढ़ वन मण्डल
जिला चम्पारन (छ.प्र.)



परिसर रक्षक
धरमजयगढ़

परिक्षेत्र सहायक
धरमजयगढ़ पूर्व

PROJECT DIRECTOR
NHAI, PIU, KORBA (C.G.)

वन परिक्षेत्राधिकारी
धरमजयगढ़

उप वन मण्डलाधिकारी
धरमजयगढ़ उप वन मण्डल

D63	22° 27' 1.452" N	83° 15' 59.228" E			
D64	22° 27' 1.299" N	83° 15' 59.289" E			
D65	22° 27' 0.285" N	83° 15' 55.879" E			
D66	22° 26' 59.619" N	83° 15' 52.740" E			
D67	22° 26' 59.459" N	83° 15' 52.772" E			
D68	22° 26' 59.105" N	83° 15' 50.277" E			
D69	22° 26' 58.882" N	83° 15' 47.413" E			
D70	22° 26' 59.207" N	83° 15' 47.391" E			
D71	22° 26' 59.259" N	83° 15' 42.756" E			
D72	22° 27' 8.337" N	83° 16' 19.402" E	Forest Land	388 RF	1.654
D73	22° 27' 8.570" N	83° 16' 19.081" E			
D74	22° 27' 8.971" N	83° 16' 18.521" E			
D75	22° 27' 9.667" N	83° 16' 17.283" E			
D76	22° 27' 10.107" N	83° 16' 18.509" E			
D77	22° 27' 10.410" N	83° 16' 18.383" E			
D78	22° 27' 11.650" N	83° 16' 22.084" E			
D79	22° 27' 11.807" N	83° 16' 22.038" E			
D80	22° 27' 12.667" N	83° 16' 25.547" E			
D81	22° 27' 10.120" N	83° 16' 26.110" E			
D82	22° 27' 9.507" N	83° 16' 23.513" E			
D83	22° 27' 9.663" N	83° 16' 23.463" E			
D84	22° 27' 10.120" N	83° 16' 26.110" E	Forest Land	(389 RF Part-II) 508/3	8.6167
D85	22° 27' 12.667" N	83° 16' 25.547" E			
D86	22° 27' 13.173" N	83° 16' 28.770" E			
D87	22° 27' 13.442" N	83° 16' 32.752" E			
D88	22° 27' 13.279" N	83° 16' 32.756" E			
D89	22° 27' 13.155" N	83° 16' 37.112" E			
D90	22° 27' 12.902" N	83° 16' 41.254" E			
D91	22° 27' 12.577" N	83° 16' 41.231" E			
D92	22° 27' 12.325" N	83° 16' 46.428" E			
D93	22° 27' 12.163" N	83° 16' 46.432" E			
D94	22° 27' 12.092" N	83° 16' 50.255" E			
D95	22° 27' 12.175" N	83° 16' 56.165" E			
D96	22° 27' 12.427" N	83° 17' 1.385" E			
D97	22° 27' 12.711" N	83° 17' 6.621" E			
D98	22° 27' 13.080" N	83° 17' 13.612" E			
D99	22° 27' 13.235" N	83° 17' 18.877" E			
D100	22° 27' 12.960" N	83° 17' 24.098" E			
D101	22° 27' 12.670" N	83° 17' 23.372" E			
D102	22° 27' 11.787" N	83° 17' 20.015" E			
D103	22° 27' 11.709" N	83° 17' 16.120" E			
D104	22° 27' 11.440" N	83° 17' 10.203" E			
D105	22° 27' 11.118" N	83° 17' 4.269" E			
D106	22° 27' 10.816" N	83° 16' 58.681" E			
D107	22° 27' 10.639" N	83° 16' 53.059" E			
D108	22° 27' 10.656" N	83° 16' 53.059" E			

वन मण्डलाधिकारी
धरमजयगढ़ वन मण्डल
जिला रायगढ़ (छ.ग.)

परिसर रक्षक
धरमजयगढ़

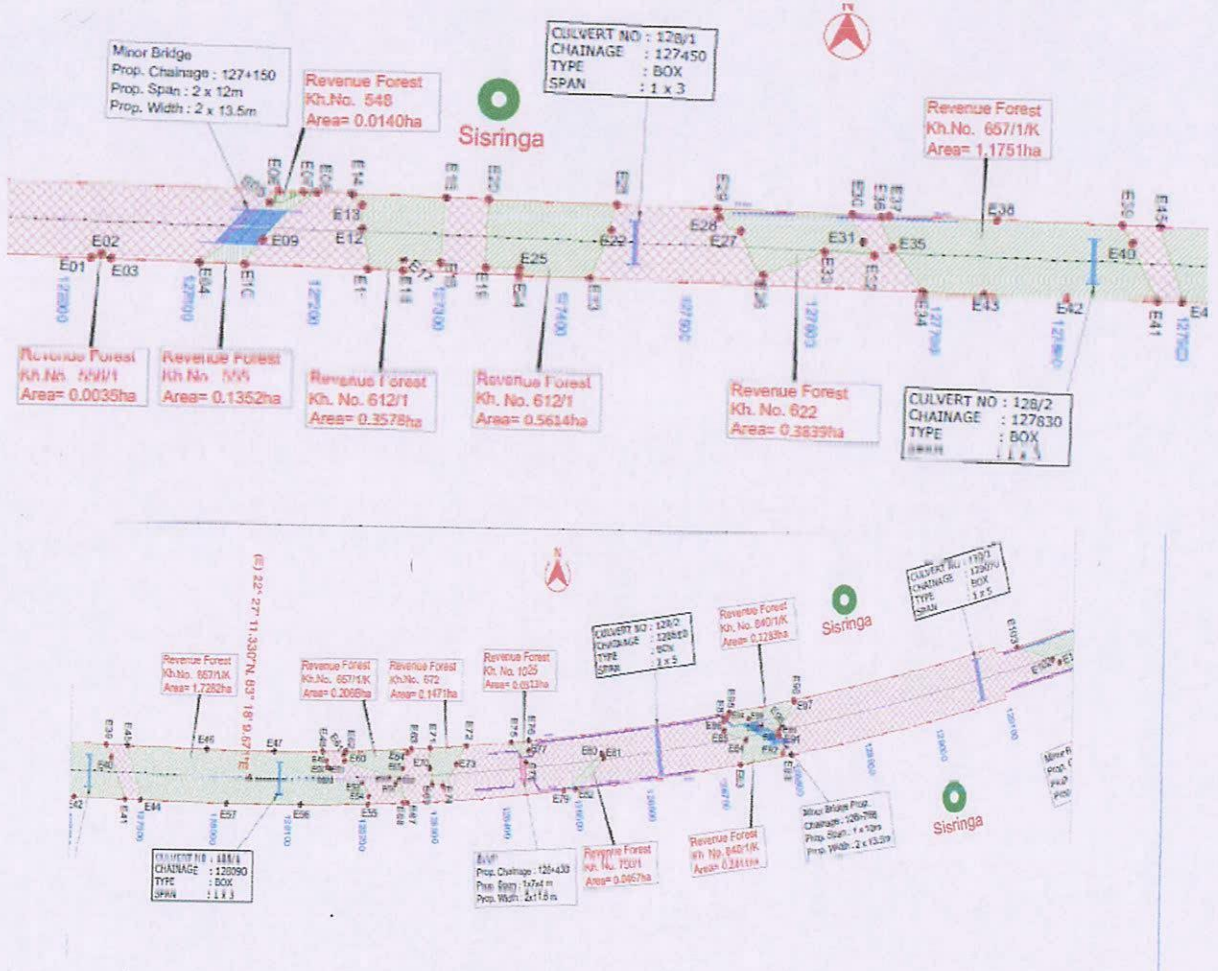
PROJECT DIRECTOR
NHAI, PIU, KORBA (C.G.)

वन परिसर अधिकारी
धरमजयगढ़

उप वन मण्डलाधिकारी
धरमजयगढ़ उप वन मण्डल

D109	22° 27' 10.752" N	83° 16' 44.973" E			
D110	22° 27' 10.654" N	83° 16' 44.969" E			
D111	22° 27' 10.811" N	83° 16' 41.890" E			
D112	22° 27' 11.139" N	83° 16' 40.671" E			
D113	22° 27' 10.964" N	83° 16' 39.392" E			
D114	22° 27' 11.008" N	83° 16' 38.672" E			
D115	22° 27' 10.781" N	83° 16' 38.656" E			
D116	22° 27' 10.976" N	83° 16' 35.188" E			
D117	22° 27' 10.920" N	83° 16' 32.584" E			
D118	22° 27' 10.738" N	83° 16' 30.626" E			
D119	22° 27' 10.293" N	83° 16' 27.042" E			

5. Village – Dharamjaigarh Forest , Tehsil – Dharamjaigarh, Area – 10.0640176Ha.



PROJECT DIRECTOR
NHAI, PIU, KORBA (C.G.)

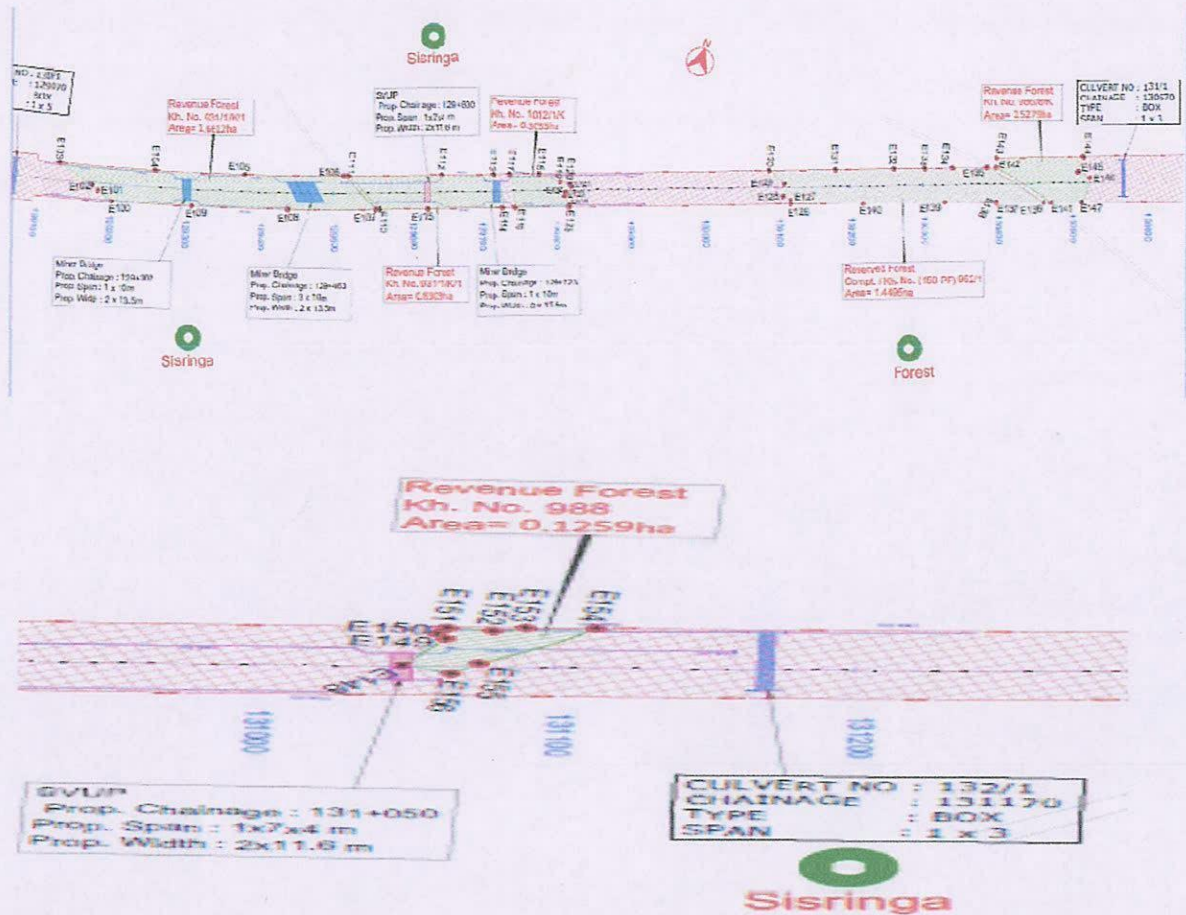
परिस्तर रक्षक
धरमजयगढ़

परिक्षेत्र सहायक
वन परिक्षेत्राधिकारी
धरमजयगढ़

वन परिक्षेत्राधिकारी
धरमजयगढ़

वन मण्डलाधिकारी
धरमजयगढ़ वन मण्डल
विभागाध्यक्ष (उ.व.)

उप वन मण्डलाधिकारी
धरमजयगढ़ उप वन मण्डल



GPS Coordinates: Degree, Minute & Second (Area-10.0640176Ha.)

Point No.	Latitude (N)	Longitude (E)	Remark	Survey No	Area in (Ha)
E01	22° 27' 11.300" N	83° 17' 33.673" E	Sisringa Village	556/1	0.0035
E02	22° 27' 11.417" N	83° 17' 33.966" E			
E03	22° 27' 11.285" N	83° 17' 34.241" E			
E04	22° 27' 11.219" N	83° 17' 36.697" E	Sisringa Village	555 & 548	0.1352 & 0.0140
E05	22° 27' 12.806" N	83° 17' 38.627" E			
E06	22° 27' 13.111" N	83° 17' 38.882" E			
E07	22° 27' 13.092" N	83° 17' 39.558" E			
E08	22° 27' 13.082" N	83° 17' 39.937" E			
E09	22° 27' 11.824" N	83° 17' 38.458" E			
E10	22° 27' 11.185" N	83° 17' 37.947" E			
E11	22° 27' 11.092" N	83° 17' 41.391" E	Sisringa Village	612/1	0.3578

वन मण्डलाधिकारी
हरमजगद वन मण्डल
जिला रायचूर (च.प.)



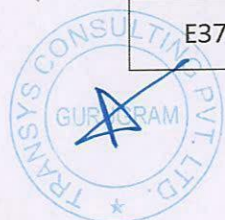
सहायक
निरीक्षक

PROJECT DIRECTOR
NHAI, PIU, KORBA (C.G.)

वन परिक्षेत्राधिकारी
बाकारमा परिक्षेत्र

उप वन मण्डलाधिकारी
लैलुगा

E12	22° 27' 12.152" N	83° 17' 41.227" E			
E13	22° 27' 12.758" N	83° 17' 41.210" E			
E14	22° 27' 13.055" N	83° 17' 40.944" E			
E15	22° 27' 12.984" N	83° 17' 43.575" E			
E16	22° 27' 11.290" N	83° 17' 43.446" E			
E17	22° 27' 11.336" N	83° 17' 42.396" E			
E18	22° 27' 11.065" N	83° 17' 42.385" E			
E19	22° 27' 11.174" N	83° 17' 44.724" E	Sisringa Village	612/1	0.5614
E20	22° 27' 12.952" N	83° 17' 44.787" E			
E21	22° 27' 12.854" N	83° 17' 48.423" E			
E22	22° 27' 12.184" N	83° 17' 48.276" E			
E23	22° 27' 10.922" N	83° 17' 47.703" E			
E24	22° 27' 10.977" N	83° 17' 45.672" E			
E25	22° 27' 11.160" N	83° 17' 45.689" E			
E26	22° 27' 11.071" N	83° 17' 52.536" E	Sisringa Village	622	0.3839
E27	22° 27' 12.212" N	83° 17' 51.898" E			
E28	22° 27' 12.550" N	83° 17' 51.306" E			
E29	22° 27' 12.783" N	83° 17' 51.238" E			
E30	22° 27' 12.682" N	83° 17' 55.005" E			
E31	22° 27' 11.959" N	83° 17' 55.323" E			
E32	22° 27' 11.610" N	83° 17' 55.628" E			
E33	22° 27' 11.689" N	83° 17' 54.243" E	Sisringa Village	657/1/K	1.1751 वन मण्डलाधिकारी क्षरमजयभट्ट वन मण्डल जिला रायचूर (छ.प्र.)
E34	22° 27' 10.671" N	83° 17' 57.026" E			
E35	22° 27' 11.819" N	83° 17' 56.153" E			
E36	22° 27' 12.615" N	83° 17' 55.825" E			
E37	22° 27' 12.648" N	83° 17' 56.039" E			



परिक्षेत्र सहायक
सिसरिंगा

PROJECT DIRECTOR
NHAI, PIU, KORBA (C.G.)

वन परिक्षेत्राधिकारी
बाकारुमा परिक्षेत्र
उप वन मण्डलाधिकारी
लैलुंगा

E38	22° 27' 12.565" N	83° 17' 59.116" E			
E39	22° 27' 12.469" N	83° 18' 2.679" E			
E40	22° 27' 12.006" N	83° 18' 2.964" E			
E41	22° 27' 10.492" N	83° 18' 3.667" E			
E42	22° 27' 10.560" N	83° 18' 1.152" E			
E43	22° 27' 10.624" N	83° 17' 58.774" E			
E44	22° 27' 10.473" N	83° 18' 4.366" E	Sisringa Village	657/1/K	1.7282
E45	22° 27' 12.441" N	83° 18' 3.728" E			
E46	22° 27' 12.340" N	83° 18' 7.501" E			
E47	22° 27' 12.298" N	83° 18' 10.702" E			
E48	22° 27' 12.311" N	83° 18' 13.053" E			
E49	22° 27' 11.971" N	83° 18' 13.284" E			
E50	22° 27' 11.748" N	83° 18' 13.300" E			
E51	22° 27' 11.669" N	83° 18' 13.453" E			
E52	22° 27' 11.256" N	83° 18' 13.525" E			
E53	22° 27' 11.173" N	83° 18' 14.993" E			
E54	22° 27' 10.690" N	83° 18' 15.317" E			
E55	22° 27' 10.406" N	83° 18' 15.266" E			
E56	22° 27' 10.351" N	83° 18' 14.026" E			
E57	22° 27' 10.369" N	83° 18' 8.504" E			
E58	22° 27' 11.150" N	83° 18' 16.610" E	Sisringa Village	657/1/K	0.2068
E59	22° 27' 11.394" N	83° 18' 16.309" E			
E60	22° 27' 11.969" N	83° 18' 14.166" E			
E61	22° 27' 12.211" N	83° 18' 14.108" E			
E62	22° 27' 12.331" N	83° 18' 14.200" E			
F63	22° 27' 12.429" N	83° 18' 17.322" E			
E64	22° 27' 12.300" N	83° 18' 17.122" E			
E65	22° 27' 11.710" N	83° 18' 16.950" E			
E66	22° 27' 11.332" N	83° 18' 16.782" E			
E67	22° 27' 10.472" N	83° 18' 17.184" E			



परिक्षेत्र सहायक
लिपारिग

PROJECT DIRECTOR
NHAI, PIU, KORBA (C.G.)

वन परिक्षेत्राधिकारी

बाकारुमा परिक्षेत्र

उप वन मण्डलाधिकारी
लैलुंगा

वन मण्डलाधिकारी
धरमजयनंद वन मण्डल
जिला रायचूर (छ.प्र.)

		E			
E68	22° 27' 10.465" N	83° 18' 17.002" E			
E69	22° 27' 11.150" N	83° 18' 18.411" E			
E70	22° 27' 11.728" N	83° 18' 18.269" E			
E71	22° 27' 12.471" N	83° 18' 18.243" E			
E72	22° 27' 12.565" N	83° 18' 19.987" E			
E73	22° 27' 11.892" N	83° 18' 19.580" E			
E74	22° 27' 11.107" N	83° 18' 18.930" E			
E75	22° 27' 12.715" N	83° 18' 22.204" E			
E76	22° 27' 12.783" N	83° 18' 23.078" E			
E77	22° 27' 12.419" N	83° 18' 23.095" E			
E78	22° 27' 11.973" N	83° 18' 22.998" E			
E79	22° 27' 10.981" N	83° 18' 24.801" E			
E80	22° 27' 12.321" N	83° 18' 26.649" E			
E81	22° 27' 12.179" N	83° 18' 26.749" E			
E82	22° 27' 11.031" N	83° 18' 25.432" E			
E83	22° 27' 12.003" N	83° 18' 33.390" E			
E84	22° 27' 12.905" N	83° 18' 33.614" E			
E85	22° 27' 13.234" N	83° 18' 32.536" E			
E86	22° 27' 13.583" N	83° 18' 32.522" E			
E87	22° 27' 13.680" N	83° 18' 32.621" E			
E88	22° 27' 13.424" N	83° 18' 34.366" E			
E89	22° 27' 13.270" N	83° 18' 35.209" E			
E90	22° 27' 13.137" N	83° 18' 35.132" E			
E91	22° 27' 13.073" N	83° 18' 35.201" E			
E92	22° 27' 12.436" N	83° 18' 35.382" E			
E93	22° 27' 12.376" N	83° 18' 35.757" E			
			Siringa Village	672	0.1471
			Siringa Village	1025	0.0313
			Siringa Village	750/1	0.0467
			Siringa Village	840/1/K	0.2444

वन मण्डलाधिकारी
धरमजयगढ़ वन मण्डल
प्रिया रायसद (उ.व.)

वन परिक्षेत्राधिकारी

बाकारुमा परिक्षेत्र

उप वन मण्डलाधिकारी
लैलुंगा

PROJECT DIRECTOR
NHAI, PIU, KORBA (C.G.)

प्रमुख
सहायक
प्रमुख



		E			
E94	22° 27' 13.780" N	83° 18' 32.754" E	Sisringa Village	840/1/K	0.1283
E95	22° 27' 13.891" N	83° 18' 32.801" E			
E96	22° 27' 14.368" N	83° 18' 35.823" E			
E97	22° 27' 14.309" N	83° 18' 35.861" E			
E98	22° 27' 13.420" N	83° 18' 35.344" E			
E99	22° 27' 13.678" N	83° 18' 33.711" E			
E100	22° 27' 15.608" N	83° 18' 49.614" E	Sisringa Village	931/1/K/1	1.6612
E101	22° 27' 15.847" N	83° 18' 48.856" E			
E102	22° 27' 15.956" N	83° 18' 48.514" E			
E103	22° 27' 16.378" N	83° 18' 46.726" E			
E104	22° 27' 17.513" N	83° 18' 51.047" E			
E105	22° 27' 18.602" N	83° 18' 55.052" E			
E106	22° 27' 20.147" N	83° 18' 59.493" E			
E107	22° 27' 19.266" N	83° 19' 1.439" E			
E108	22° 27' 17.939" N	83° 18' 57.546" E			
E109	22° 27' 16.600" N	83° 18' 53.208" E			
E110	22° 27' 19.335" N	83° 19' 1.631" E	Sisringa Village	931/1/K/1	0.8303
E111	22° 27' 20.210" N	83° 18' 59.677" E			
E112	22° 27' 21.702" N	83° 19' 3.882" E			
E113	22° 27' 22.502" N	83° 19' 6.127" E			
E114	22° 27' 21.281" N	83° 19' 7.097" E			
E115	22° 27' 20.104" N	83° 19' 3.792" E			
F116	22° 27' 21.476" N	83° 19' 7.646" E	Sisringa Village	1012/1/K	0.3055
E117	22° 27' 22.749" N	83° 19' 6.821" E			
E118	22° 27' 23.214" N	83° 19' 8.127" E			
E119	22° 27' 23.204" N	83° 19' 9.228" E			
E120	22° 27' 23.262" N	83° 19' 9.663" E			
F121	22° 27' 23.176" N	83° 19' 9.703" E			
E122	22° 27' 22.880" N	83° 19' 9.607" E			
E123	22° 27' 22.732" N	83° 19' 9.623" E			
E124	22° 27' 22.424" N	83° 19' 9.991" E			
E125	22° 27' 22.313" N	83° 19' 9.996" E			
E126	22° 27' 25.801" N	83° 19' 19.791" E	Forest Land	(150 RF) 952/1	1.4495

वन मण्डलाधिकारी
धरमजयसिंह वन मण्डल
विभाग, रायपुर (म.प्र.)

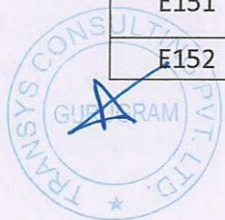
परिक्षेत्र प्रमुख
विभाग

PROJECT DIRECTOR
NHAI, PIU, KORBA (C.G.)

वन परिक्षेत्राधिकारी
बाकारुमा परिक्षेत्र वन मण्डलाधिकारी

लेखिका

		E			
E127	22° 27' 25.984" N	83° 19' 19.696" E			
E128	22° 27' 26.016" N	83° 19' 19.250" E			
E129	22° 27' 26.488" N	83° 19' 19.144" E			
E130	22° 27' 26.818" N	83° 19' 18.249" E			
E131	22° 27' 27.864" N	83° 19' 21.187" E			
E132	22° 27' 28.808" N	83° 19' 23.838" E			
E133	22° 27' 29.301" N	83° 19' 25.223" E			
E134	22° 27' 29.749" N	83° 19' 26.481" E			
E135	22° 27' 30.284" N	83° 19' 27.985" E			
E136	22° 27' 29.728" N	83° 19' 31.065" E			
E137	22° 27' 28.979" N	83° 19' 28.962" E			
E138	22° 27' 29.056" N	83° 19' 28.934" E			
E139	22° 27' 28.242" N	83° 19' 26.648" E			
E140	22° 27' 26.963" N	83° 19' 23.056" E			
E141	22° 27' 29.841" N	83° 19' 31.384" E			
E142	22° 27' 30.428" N	83° 19' 28.368" E			
E143	22° 27' 30.801" N	83° 19' 28.215" E			
E144	22° 27' 32.148" N	83° 19' 32.046" E	Sisinga Village	986/8/K	0.5279
E145	22° 27' 31.487" N	83° 19' 32.098" E			
E146	22° 27' 31.430" N	83° 19' 32.685" E			
F147	22° 27' 30.314" N	83° 19' 32.712" E			
E148	22° 27' 37.373" N	83° 19' 49.841" E			
E149	22° 27' 38.261" N	83° 19' 49.981" E			
E150	22° 27' 38.361" N	83° 19' 49.825" E	Sisinga Village	988	0.1259
E151	22° 27' 38.555" N	83° 19' 49.862" E			
E152	22° 27' 38.664" N	83° 19' 50.382" E			



परिक्षेत्र
चक्रवर्त
विभाग

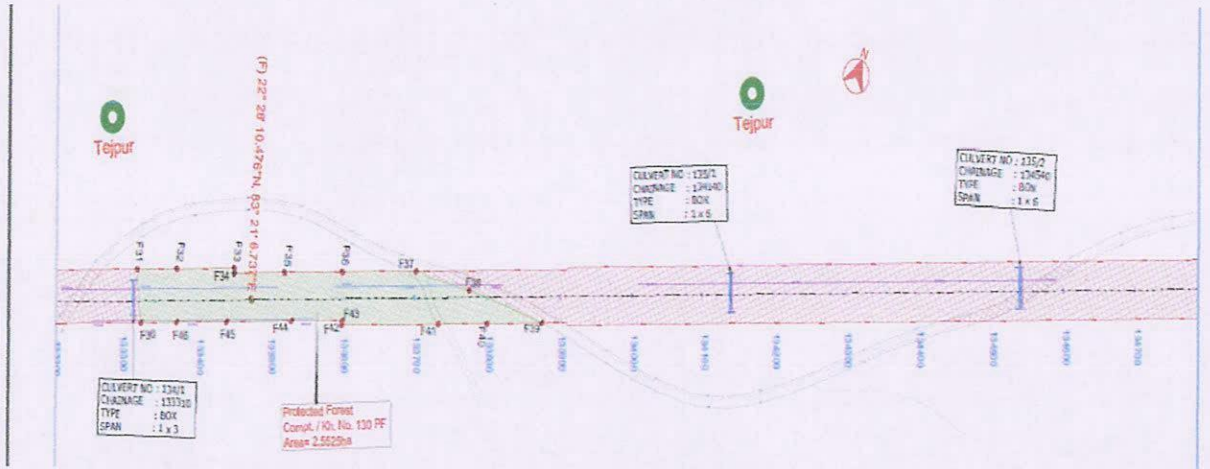
NHAI, PIU, KORBA (C.G.)

बाकारुमा परिक्षेत्र

उप वन मण्डलाधिकारी
लैलुंगा

वन मण्डलाधिकारी
दरभजयगढ़ वन मण्डल
विभाग (उ.प्र.)

वन परिक्षेत्राधिकारी



GPS Coordinates: Degree, Minute & Second (Area-6.9772Ha.)

F01	22° 27' 44.222" N	83° 20' 9.255" E	Forest Land	130 PF	1.3316
F02	22° 27' 46.276" N	83° 20' 12.881" E			
F03	22° 27' 47.625" N	83° 20' 15.191" E			
F04	22° 27' 49.375" N	83° 20' 18.125" E			
F05	22° 27' 50.861" N	83° 20' 21.171" E			
F06	22° 27' 51.549" N	83° 20' 24.111" E			
F07	22° 27' 51.647" N	83° 20' 26.327" E			
F08	22° 27' 50.080" N	83° 20' 22.813" E			
F09	22° 27' 48.956" N	83° 20' 20.288" E			
F10	22° 27' 47.705" N	83° 20' 17.438" E			
F11	22° 27' 46.699" N	83° 20' 15.116" E			
F12	22° 27' 45.789" N	83° 20' 12.990" E			
F13	22° 27' 44.670" N	83° 20' 9.740" E	Forest Land	130 PF	0.5482
F14	22° 27' 45.779" N	83° 20' 9.156" E			
F15	22° 27' 47.390" N	83° 20' 12.971" E			
F16	22° 27' 49.712" N	83° 20' 18.330" E			
F17	22° 27' 47.284" N	83° 20' 14.219" E			
F18	22° 27' 45.584" N	83° 20' 11.350" E			
F19	22° 27' 51.807" N	83° 20' 26.683" E			
F20	22° 27' 51.760" N	83° 20' 24.330" E	Forest Land	130 PF	2.5449
F21	22° 27' 51.230" N	83° 20' 21.754" E			
F22	22° 27' 53.085" N	83° 20' 25.916" E			
F23	22° 27' 54.772" N	83° 20' 29.699" E			
F24	22° 27' 56.168" N	83° 20' 32.829" E			
F25	22° 27' 56.040" N	83° 20' 33.502" E			
F26	22° 27' 56.044" N	83° 20' 33.978" E			
F27	22° 27' 57.101" N	83° 20' 34.921" E			
F28	22° 27' 58.287" N	83° 20' 37.580" E			
F29	22° 27' 59.412" N	83° 20' 40.103" E			



परिचर सहायक
बाकारुमा

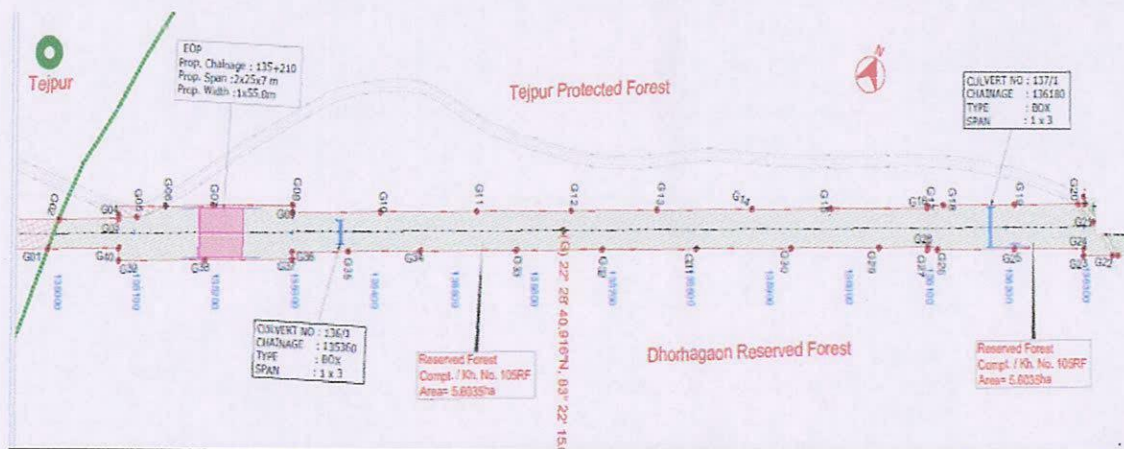
परिचर सहायक
बाकारुमा

PROJECT DIRECTOR
NHAI, PIU, KORBA (C.G.)

वन मण्डलाधिकारी
बस्मजयसह वन मण्डल
जिला रायगढ़ (छ.ग.)
वन परिक्षेत्राधिकारी
बाकारुमा परिक्षेत्र
उप वन मण्डलाधिकारी
लैलुंगा

F30	22° 28' 0.174" N	83° 20' 41.812" E			
F31	22° 27' 59.571" N	83° 20' 44.097" E			
F32	22° 27' 58.234" N	83° 20' 41.098" E			
F33	22° 27' 56.828" N	83° 20' 37.946" E			
F34	22° 27' 55.281" N	83° 20' 34.478" E			
F35	22° 27' 53.876" N	83° 20' 31.325" E			
F36	22° 28' 7.655" N	83° 21' 2.230" E	Forest Land	130 PF	2.5525
F37	22° 28' 9.188" N	83° 21' 1.222" E			
F38	22° 28' 9.966" N	83° 21' 2.966" E			
F39	22° 28' 11.090" N	83° 21' 5.489" E			
F40	22° 28' 10.944" N	83° 21' 5.564" E			
F41	22° 28' 11.928" N	83° 21' 7.771" E			
F42	22° 28' 13.052" N	83° 21' 10.293" E			
F43	22° 28' 14.490" N	83° 21' 13.518" E			
F44	22° 28' 14.928" N	83° 21' 16.116" E			
F45	22° 28' 15.301" N	83° 21' 19.784" E			
F46	22° 28' 14.252" N	83° 21' 17.431" E			
F47	22° 28' 13.313" N	83° 21' 15.324" E			
F48	22° 28' 11.441" N	83° 21' 11.125" E			
F49	22° 28' 11.587" N	83° 21' 11.050" E			
F50	22° 28' 10.603" N	83° 21' 8.843" E			
F51	22° 28' 9.338" N	83° 21' 6.005" E			
F52	22° 28' 8.354" N	83° 21' 3.798" E			

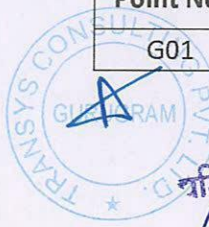
7. Village – forest Land, Range – Bakaruma, Area – 5.6035 Ha.



वन मण्डलाधिकारी
बस्मजयगढ़ वन मण्डल
किला रायगढ़ (उ.प्र.)

GPS Coordinates: Degree, Minute & Second (Area-5.6035 Ha.)

Point No.	Latitude (N)	Longitude (E)	Remark	Survey No	Area in (Ha)
G01	22° 28' 31.342" N	83° 21' 54.762" E	Forest Land	105 RF	5.6035



परिक्षेत्र सहायक
बाकारुमा
परिक्षेत्र

PROJECT DIRECTOR
NHAI, PIU, KORBA (C.G.)

वन परिक्षेत्राधिकारी
बाकारुमा परिक्षेत्र

उप वन मण्डलाधिकारी
लैलुंगा

		E			
G02	22° 28' 32.420" N	83° 21' 54.754" E			
G03	22° 28' 33.486" N	83° 21' 57.146" E			
G04	22° 28' 33.589" N	83° 21' 57.093" E			
G05	22° 28' 33.855" N	83° 21' 57.862" E			
G06	22° 28' 34.696" N	83° 21' 58.849" E			
G07	22° 28' 35.539" N	83° 22' 0.741" E			
G08	22° 28' 36.944" N	83° 22' 3.894" E			
G09	22° 28' 36.724" N	83° 22' 4.007" E			
G10	22° 28' 38.270" N	83° 22' 7.476" E			
G11	22° 28' 39.956" N	83° 22' 11.260" E			
G12	22° 28' 41.643" N	83° 22' 15.043" E			
G13	22° 28' 43.188" N	83° 22' 18.512" E			
G14	22° 28' 44.875" N	83° 22' 22.296" E			
G15	22° 28' 46.280" N	83° 22' 25.119" E			
G16	22° 28' 47.966" N	83° 22' 29.233" E			
G17	22° 28' 48.039" N	83° 22' 29.195" F			
G18	22° 28' 48.319" N	83° 22' 29.821" E			
G19	22° 28' 49.585" N	83° 22' 32.664" E			
G20	22° 28' 50.742" N	83° 22' 35.262" E			
G21	22° 28' 50.486" N	83° 22' 36.149" E			
G22	22° 28' 49.833" N	83° 22' 37.463" E			
G23	22° 28' 49.311" N	83° 22' 36.295" E			
G24	22° 28' 49.531" N	83° 22' 36.182" E			
G25	22° 28' 48.266" N	83° 22' 33.344" E			
G26	22° 28' 46.902" N	83° 22' 30.282" E			
G27	22° 28' 46.720" N	83° 22' 29.875" E			
G28	22° 28' 46.794" N	83° 22' 29.838" E			

वन मण्डलाधिकारी
धरमजयगढ़ वन मण्डल
विशेष अधिकारी (उ.म.)

वन परिक्षेत्राधिकार
बाकारुमा परिक्षेत्र

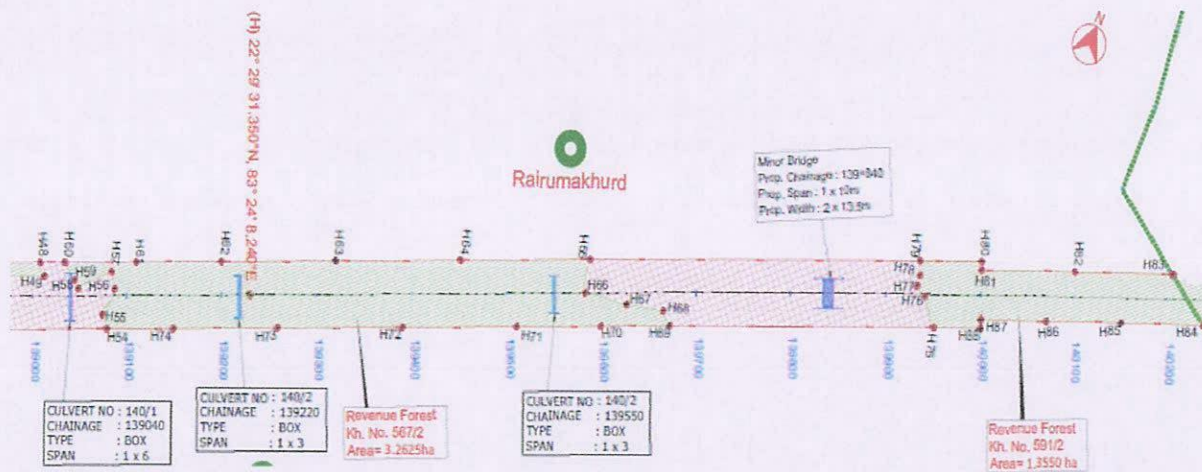
PROJECT DIRECTOR
NHAI, PIU, KORBA (C.G.)

उप वन मण्डलाधिकारी
लैलुंगा



परिक्षेत्र रक्षक
मन्सू

परिक्षेत्र सहायक
बाकारुमा



GPS Coordinates: Degree, Minute & Second (Area-9.251072Ha.)

Point No.	Latitude (N)	Longitude (E)	Remark	Survey No	Area in (Ha)
H01	22° 28' 49.931" N	83° 22' 37.688" E	Rairumkhurd Village	501/2/K	0.5777
H02	22° 28' 50.411" N	83° 22' 36.839" E			
H03	22° 28' 50.866" N	83° 22' 35.539" E			
H04	22° 28' 51.069" N	83° 22' 35.388" E			
H05	22° 28' 52.586" N	83° 22' 38.793" F			
H06	22° 28' 52.361" N	83° 22' 38.850" E			
H07	22° 28' 51.161" N	83° 22' 40.447" E			
H08	22° 29' 5.218" N	83° 23' 11.391" E	Forest Land	105 RF	1.0466
H09	22° 29' 6.529" N	83° 23' 11.252" E			
H10	22° 29' 6.868" N	83° 23' 11.454" E			
H11	22° 29' 7.849" N	83° 23' 13.657" E			
H12	22° 29' 8.973" N	83° 23' 16.180" E			
H13	22° 29' 8.548" N	83° 23' 16.163" E			
H14	22° 29' 9.639" N	83° 23' 20.102" E			
H15	22° 29' 9.326" N	83° 23' 20.269" F			
H16	22° 29' 9.690" N	83° 23' 21.335" E			
H17	22° 29' 9.894" N	83° 23' 22.496" E			

वन मण्डलाधिकारी
धरमजयपुर वन मण्डल
विनय कुमार (उ.म.)

PROJECT DIRECTOR
NHAI, PIU, KORBA (C.G.)

वन परिक्षेत्राधिकारी
बाकारुमा परिक्षेत्र

उप वन मण्डलाधिकारी
लैलुंगा



परिसर रक्षक परिक्षेत्र सहायक
बाकारुमा

H18	22° 29' 8.980" N	83° 23' 20.443" E			
H19	22° 29' 9.200" N	83° 23' 20.329" E			
H20	22° 29' 7.795" N	83° 23' 17.176" E			
H21	22° 29' 6.390" N	83° 23' 14.022" E			
H22	22° 29' 14.177" N	83° 23' 32.111" E	Rairumkhurd Village	501/2/K	0.6803
H23	22° 29' 14.430" N	83° 23' 32.128" E			
H24	22° 29' 16.006" N	83° 23' 31.361" E			
H25	22° 29' 17.902" N	83° 23' 35.619" E			
H26	22° 29' 15.512" N	83° 23' 35.107" E			
H27	22° 29' 20.033" N	83° 23' 45.257" E	Rairumkhurd Village	597/2	1.5415
H28	22° 29' 20.127" N	83° 23' 44.594" E			
H29	22° 29' 21.252" N	83° 23' 43.958" E			
H30	22° 29' 21.945" N	83° 23' 45.445" E			
H31	22° 29' 22.180" N	83° 23' 45.223" E			
H32	22° 29' 22.716" N	83° 23' 46.426" E			
H33	22° 29' 22.135" N	83° 23' 47.051" E			
H34	22° 29' 22.858" N	83° 23' 48.001" E			
H35	22° 29' 23.235" N	83° 23' 47.592" E			
H36	22° 29' 24.223" N	83° 23' 49.810" E			
H37	22° 29' 25.328" N	83° 23' 52.291" E			
H38	22° 29' 24.888" N	83° 23' 52.789" E			
H39	22° 29' 24.584" N	83° 23' 53.388" E			
H40	22° 29' 24.308" N	83° 23' 53.544" E			
H41	22° 29' 23.604" N	83° 23' 53.273" F			
H42	22° 29' 22.465" N	83° 23' 50.717" E			
H43	22° 29' 21.201" N	83° 23' 47.879" E			

वन मण्डलाधिकारी
शरमाजीराव वन मण्डल
प्रिया सय्यद (क.य.)

PROJECT DIRECTOR वन परिक्षेत्राधिकारी
NHAI, PIU, KORBA (C.G.) बाकायमा परिक्षेत्र

उप वन मण्डलाधिकारी
लैलुंगा



गमिअर रक्षक

परिक्षेत्र सहायक
बाकायमा

H44	22° 29' 24.271" N	83° 23' 54.773" E	Rairumkhurd Village	597/2	0.7875
H45	22° 29' 25.210" N	83° 23' 54.901" E			
H46	22° 29' 26.720" N	83° 23' 55.416" E			
H47	22° 29' 27.735" N	83° 23' 57.694" E			
H48	22° 29' 29.106" N	83° 24' 0.774" E			
H49	22° 29' 28.803" N	83° 24' 1.082" E			
H50	22° 29' 28.271" N	83° 23' 59.764" E			
H51	22° 29' 27.921" N	83° 23' 58.608" E			
H52	22° 29' 26.108" N	83° 23' 58.896" E			
H53	22° 29' 24.993" N	83° 23' 56.393" E			
H54	22° 29' 28.348" N	83° 24' 3.927" E	Rairumkhurd Village	567/2	3.2625
H55	22° 29' 28.668" N	83° 24' 3.575" E			
H56	22° 29' 29.517" N	83° 24' 3.641" E			
H57	22° 29' 29.920" N	83° 24' 3.302" E			
H58	22° 29' 28.995" N	83° 24' 2.402" E			
H59	22° 29' 29.150" N	83° 24' 2.149" E			
H60	22° 29' 29.471" N	83° 24' 1.593" E			
H61	22° 29' 30.544" N	83° 24' 4.002" E			
H62	22° 29' 31.808" N	83° 24' 6.840" E			
H63	22° 29' 33.493" N	83° 24' 10.624" E			
H64	22° 29' 35.319" N	83° 24' 14.724" E			
H65	22° 29' 37.255" N	83° 24' 19.072" E			
H66	22° 29' 36.313" N	83° 24' 19.368" E			
H67	22° 29' 36.605" N	83° 24' 20.914" E			
H68	22° 29' 36.973" N	83° 24' 22.219" E			
H69	22° 29' 36.689" N	83° 24' 22.669" E			
H70	22° 29' 35.667" N	83° 24' 20.362" E			
H71	22° 29' 34.403" N	83° 24' 17.524" E			
H72	22° 29' 32.718" N	83° 24' 13.739" E			
H73	22° 29' 30.892" N	83° 24' 9.639" E			
H74	22° 29' 29.347" N	83° 24' 6.170" E			
H75	22° 29' 40.491" N	83° 24' 31.447" E	Rairumkhurd	591/2	1.355

वन मण्डलाधिकारी
वरमजदगढ़ वन मण्डल
बिलासपुर (छ.ग.)



परिचर रक्षक परिक्षेत्र सहायक
बाकारुमा

PROJECT DIRECTOR
NHAI, PIU, KORBA (C.G.)

वन परिक्षेत्राधिकारी
बाकारुमा परिक्षेत्र

उप वन मण्डलाधिकारी
लेलुंगा

		E	Village		
H76	22° 29' 41.196" N	83° 24' 30.719" E			
H77	22° 29' 41.355" N	83° 24' 30.308" E			
H78	22° 29' 41.666" N	83° 24' 30.268" E			
H79	22° 29' 42.048" N	83° 24' 30.066" E			
H80	22° 29' 42.932" N	83° 24' 32.150" E			
H81	22° 29' 42.712" N	83° 24' 32.262" E			
H82	22° 29' 44.049" N	83° 24' 35.449" E			
H83	22° 29' 45.422" N	83° 24' 38.766" E			
H84	22° 29' 44.526" N	83° 24' 40.477" E			
H85	22° 29' 43.378" N	83° 24' 37.688" E			
H86	22° 29' 42.316" N	83° 24' 35.138" E			
H87	22° 29' 41.379" N	83° 24' 32.910" E			
H88	22° 29' 41.157" N	83° 24' 33.019" E			

9. Village – Rairumakhurd, Range – Bakaruma, Area – 1.2977 ha.

परिक्षेत्र सहायक
परिसर निरीक्षक
बाकारुमा

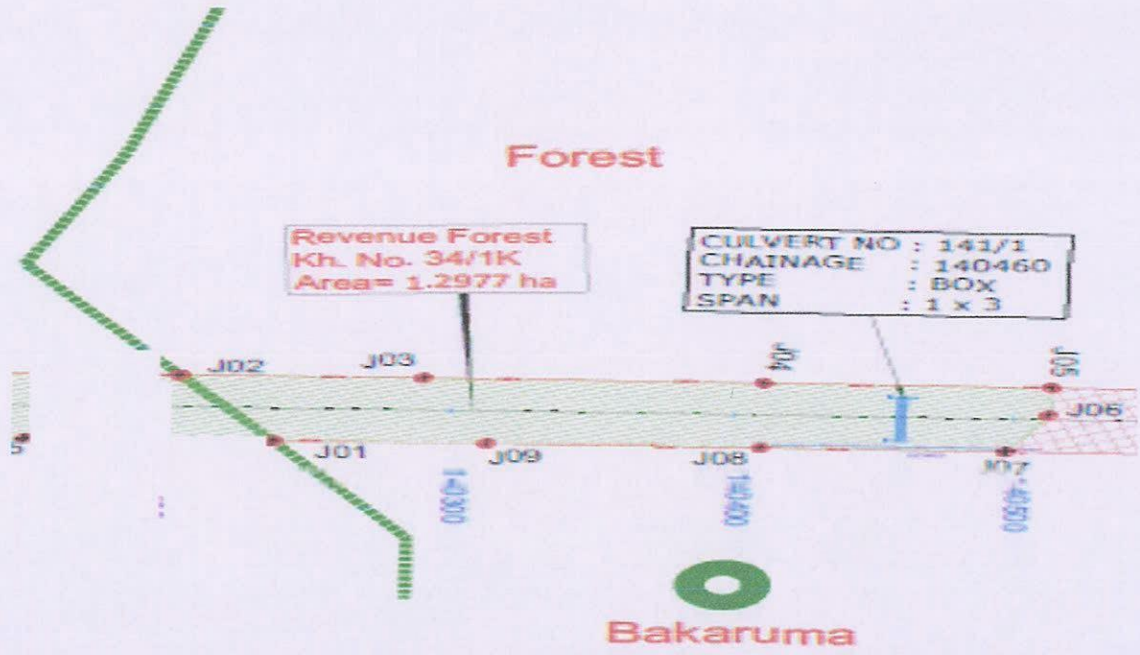
PROJECT DIRECTOR
NHAI, PIU, KORBA (C.G.)

वन परिक्षेत्राधिकारी
बाकारुमा परिक्षेत्र

वन मण्डलाधिकारी
धरमजयगढ़ वन मण्डल
जिला रायचूर (छ.प्र.)

उप वन मण्डलाधिकारी
लैलुंगा





GPS Coordinates: Degree, Minute & Second (Area-1.2977Ha.)

Point No.	Latitude (N)	Longitude (E)	Remark	Survey No	Area in (Ha)
J01	22° 29' 44.526" N	83° 24' 40.477" E	Bakaruma Village	34/1K	1.2977
J02	22° 29' 45.422" N	83° 24' 38.766" E			
J03	22° 29' 46.553" N	83° 24' 41.532" E			
J04	22° 29' 48.106" N	83° 24' 45.386" E			
J05	22° 29' 49.420" N	83° 24' 48.696" E			
J06	22° 29' 48.827" N	83° 24' 48.944" E			
J07	22° 29' 47.885" N	83° 24' 48.832" E			
J08	22° 29' 46.763" N	83° 24' 46.009" E			
J09	22° 29' 45.516" N	83° 24' 42.910" E			

वन मण्डलाधिकारी
धरमजवन वन मण्डल
जिला रायनद (छ.प्र.)



परिक्षेत्र सहायक
बाकारुमा

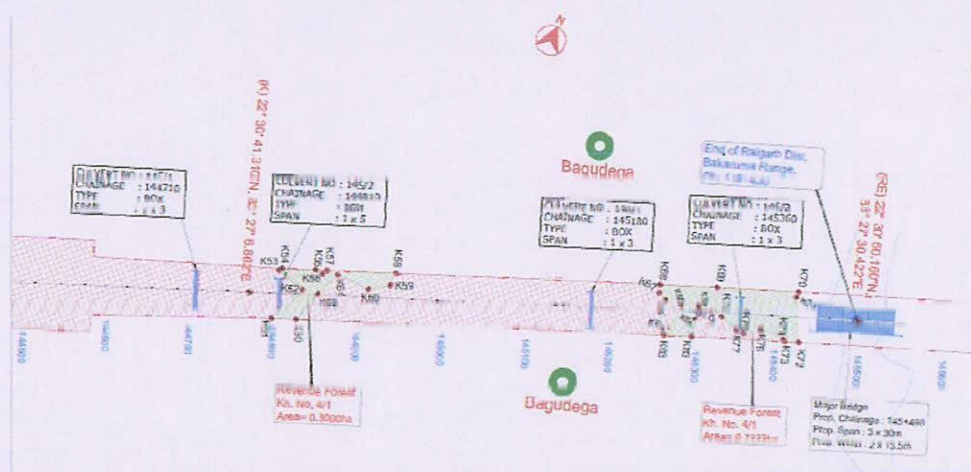
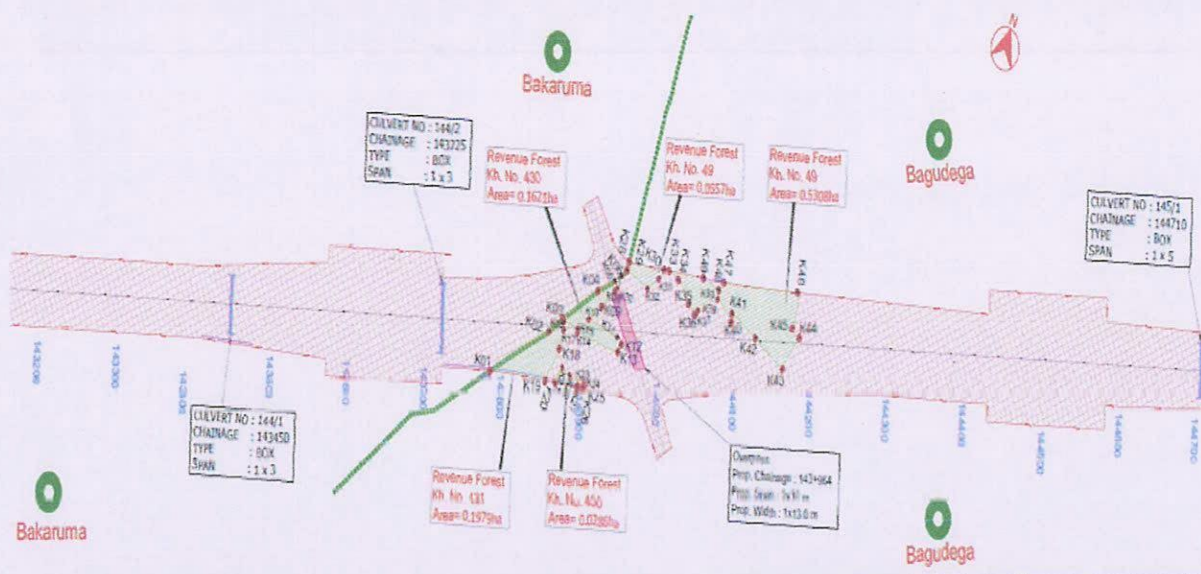
PROJECT DIRECTOR
NHAI, PIU, KORBA (C.G.)

परिक्षेत्र सहायक
बाकारुमा

वन परिक्षेत्राधिकारी
बाकारुमा परिक्षेत्र

उप वन मण्डलाधिकारी
लैलंगा

10. Village –Bagudega, Range – Bakaruma, Area –2.00838526Ha.



GPS Coordinates: Degree, Minute & Second (Area-2.00838526Ha.)

Point No.	Latitude (N)	Longitude (E)	Remark	Survey No	Area in (Ha)
K01	22° 30' 27.965"	83° 26' 35.537"			
K02	22° 30' 29.952"	83° 26' 37.458"			
K03	22° 30' 30.510"	83° 26' 37.861"			
K04	22° 30' 31.798"	83° 26' 38.901"	Bagudega Village	131 & 130	0.1979 & 0.1621
K05	22° 30' 32.327"	83° 26' 39.505"			
K06	22° 30' 32.565"	83° 26' 39.719"			
K07	22° 30' 32.182"	83° 26' 39.691"			
K08	22° 30' 32.085"	83° 26' 39.635"			



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वन परिक्षेत्राधिकारी
बाकारुमा परिक्षेत्र

उप वन मण्डलाधिकारी
लैलुंगा

वन मण्डलाधिकारी
बसमजयगढ़ वन मण्डल
मिस्टर रायगढ़ (छ.ग.)

K09	22° 30' 31.480" N	83° 26' 39.290" E			
K10	22° 30' 30.950" N	83° 26' 38.927" E			
K11	22° 30' 30.994" N	83° 26' 40.298" E			
K12	22° 30' 30.892" N	83° 26' 40.538" E			
K13	22° 30' 30.643" N	83° 26' 40.485" E			
K14	22° 30' 30.416" N	83° 26' 38.630" E			
K15	22° 30' 30.516" N	83° 26' 38.583" E			
K16	22° 30' 30.453" N	83° 26' 37.946" E			
K17	22° 30' 30.244" N	83° 26' 38.042" E			
K18	22° 30' 29.708" N	83° 26' 38.077" E			
K19	22° 30' 28.682" N	83° 26' 37.878" E			
K20	22° 30' 28.801" N	83° 26' 38.311" F			
K21	22° 30' 29.297" N	83° 26' 38.426" F			
K22	22° 30' 29.232" N	83° 26' 38.824" E			
K23	22° 30' 29.274" N	83° 26' 39.482" E			
K24	22° 30' 29.235" N	83° 26' 39.524" E	Bagudega Village	450	0.0286
K25	22° 30' 29.174" N	83° 26' 39.509" E			
K26	22° 30' 29.107" N	83° 26' 39.274" E			
K27	22° 30' 29.052" N	83° 26' 39.230" E			
K28	22° 30' 32.808" N	83° 26' 39.876" E			
K29	22° 30' 33.069" N	83° 26' 39.862" E			
K30	22° 30' 33.476" N	83° 26' 41.386" E	Bagudega Village	49	0.0557
K31	22° 30' 33.163" N	83° 26' 41.290" E			
K32	22° 30' 32.721" N	83° 26' 40.939" E			
K33	22° 30' 33.543" N	83° 26' 41.617" E			
K34	22° 30' 33.182" N	83° 26' 42.125" E	Bagudega Village	49	0.5308

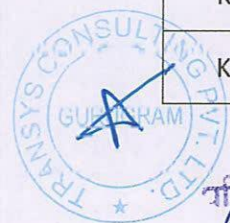
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वन मण्डलाधिकारी
वरमजयराव वन मण्डल
विभाग रायगड (छ.प.)

वन परिक्षेत्राधिकारी

बाकारुमा परिक्षेत्र उप वन मण्डलाधिकारी
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K35	22° 30' 33.091" N	83° 26' 42.836" E			
K36	22° 30' 32.936" N	83° 26' 43.211" E			
K37	22° 30' 32.963" N	83° 26' 43.262" E			
K38	22° 30' 33.085" N	83° 26' 43.305" E			
K39	22° 30' 33.714" N	83° 26' 43.993" E			
K40	22° 30' 33.389" N	83° 26' 44.823" E			
K41	22° 30' 33.615" N	83° 26' 44.759" E			
K42	22° 30' 33.439" N	83° 26' 46.031" E			
K43	22° 30' 33.164" N	83° 26' 47.529" E			
K44	22° 30' 34.217" N	83° 26' 47.853" E			
K45	22° 30' 34.340" N	83° 26' 47.454" E			
K46	22° 30' 35.310" N	83° 26' 47.231" E			
K47	22° 30' 34.241" N	83° 26' 44.039" E			
K48	22° 30' 33.954" N	83° 26' 43.927" E			
K49	22° 30' 33.979" N	83° 26' 43.134" F			
K50	22° 30' 41.114" N	83° 27' 9.114" E	Bagudega Village	4/1	0.3
K51	22° 30' 40.754" N	83° 27' 8.166" E			
K52	22° 30' 42.247" N	83° 27' 8.805" E			
K53	22° 30' 42.576" N	83° 27' 7.601" E			
K54	22° 30' 42.682" N	83° 27' 7.698" E			
K55	22° 30' 43.169" N	83° 27' 8.977" E			
K56	22° 30' 43.142" N	83° 27' 9.318" E			
K57	22° 30' 43.341" N	83° 27' 9.428" F			
K58	22° 30' 44.359" N	83° 27' 12.103" E			
K59	22° 30' 43.838" N	83° 27' 12.075" E			
K60	22° 30' 43.355" N	83° 27' 11.324" E			

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जिला रायचूर (छ.ग.)

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उप वन मण्डलाधिकारी
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परिचर रक्षक
परिक्षेत्र सहायक
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वन परिक्षेत्राधिकारी
बाकारुमा परिक्षेत्र

K61	22° 30' 43.352" N	83° 27' 9.911" E			
K62	22° 30' 42.347" N	83° 27' 9.492" E			
K63	22° 30' 46.505" N	83° 27' 23.319" E			
K64	22° 30' 46.891" N	83° 27' 23.339" E			
K65	22° 30' 47.840" N	83° 27' 23.454" E			
K66	22° 30' 47.796" N	83° 27' 22.761" E			
K67	22° 30' 47.918" N	83° 27' 22.402" E			
K68	22° 30' 48.212" N	83° 27' 22.263" E			
K69	22° 30' 49.044" N	83° 27' 24.500" E			
K70	22° 30' 50.223" N	83° 27' 27.710" E			
K71	22° 30' 50.008" N	83° 27' 27.730" E			
K72	22° 30' 48.446" N	83° 27' 28.582" E			
K73	22° 30' 48.249" N	83° 27' 28.043" E	Bagudega Village	4/1	0.7333
K74	22° 30' 48.306" N	83° 27' 27.959" E			
K75	22° 30' 48.271" N	83° 27' 26.932" E			
K76	22° 30' 47.882" N	83° 27' 26.316" E			
K77	22° 30' 47.845" N	83° 27' 25.995" E			
K78	22° 30' 48.101" N	83° 27' 25.199" E			
K79	22° 30' 48.163" N	83° 27' 24.692" E			
K80	22° 30' 48.134" N	83° 27' 24.105" E			
K81	22° 30' 48.044" N	83° 27' 24.152" E			
K82	22° 30' 47.606" N	83° 27' 24.217" E			
K83	22° 30' 46.906" N	83° 27' 24.396" E			



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वन मण्डलाधिकारी
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