

कार्यालय वनमंडल अधिकारी
खैरागढ़ वनमंडल खैरागढ़ जिला-राजनांदगांव (छ.ग.)

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क्रमांक/स्टेनो/मा.चि./

4367

खैरागढ़/दिनांक/

8/11/19

प्रति,

श्री अजय नायक,
प्राधिकृत अधिकारी,
टाटा प्रोजेक्ट्स लिमिटेड
रायपुर (छत्तीसगढ़)

विषय :- भारत सरकार की महत्वपूर्ण योजना "भारत नेट प्रोजेक्ट (A Part of Digital India) के सफल क्रियान्वयन हेतु राजनांदगांव जिला के खैरागढ़ वनमंडल क्षेत्रांतर्गत छुईखदान एवं डोंगरगढ़ ब्लॉक के अंतर्गत शामिल ग्राम पंचायतों के मार्ग समानांतर 4.403 हे. वनभूमि, 0.203 हे. राजस्व वन भूमि, कुल रकबा 4.681 हे. वन भूमि पर ऑप्टिकल फायबर केबल बिछाने विषयक।

संदर्भ :- आपका पत्र क्रमांक/भानेप्रो/ओएफसी/वनभूमि/प्रस्ताव/2019-20, रायपुर दिनांक 01.10.2019

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विषयांतर्गत लेख है कि राजनांदगांव जिला के खैरागढ़ वनमंडल क्षेत्रांतर्गत छुईखदान एवं डोंगरगढ़ ब्लॉक के विभिन्न ग्रामों के सड़क समानांतरण ऑप्टिकल फायबर केबल बिछाने के कार्यान्तर्गत 4.403 हे. वनभूमि, 0.203 हे. राजस्व वन भूमि, कुल रकबा 4.681 हे. वन भूमि पर केबल बिछाने के प्रस्ताव हेतु डी.जी.पी.एस./लीडर सर्वे रिपोर्ट (KML & Shape File with CD) 02 प्रतियों के साथ प्रस्तुत किया गया है, जिसका सत्यापन उपरांत 01 प्रति आपकी ओर आवश्यक कार्यवाही हेतु प्रेषित किया जा रहा है।

कृपया प्रकरण में उक्त परियोजना के नाम से भारत सरकार के वेब पोर्टल परिवेश (PARIVESH) पर ऑनलाईन पंजीयन की कार्यवाही शीघ्र पूर्ण कर इस कार्यालय को अवगत करावें, ताकि अग्रिम कार्यवाही की जा सके।

संलग्न :- उपरोक्तानुसार

वनमण्डलाधिकारी
खैरागढ़ वनमंडल खैरागढ़

CHHATTISGARH BHARATNET PHASE-II PROJECT
LIDAR/DGPS SURVEY REPORT FOR KHAIRAGARH FOREST
DIVISION FOR DIVERSION OF PROPOSED OFC ROUTES

Forest Division : **KHAIRAGARH**
Forest Land (RF/PF/OA) : **4.403 Ha.**
Rev. Forest Land : **0.278 Ha.**
Total Proposed Diversion Area : **4.681 Ha.**
Block : **CHHUIKHADAN AND
DONGARGARH , KHERAWARH -**
District : **RAJNANDGAON (C.G.)**

Applicant -



Chhattisgarh Infotech Promotion Society (CHiPS)
Raipur (Chhattisgarh)

Submitted By -



TATA PROJECTS

Tata Projects Limited, Raipur (Chhattisgarh)

वनमण्डलधिकारी
खैरागढ़, वनमण्डल, खैरागढ़



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1. Introduction and Background

1.1. Background

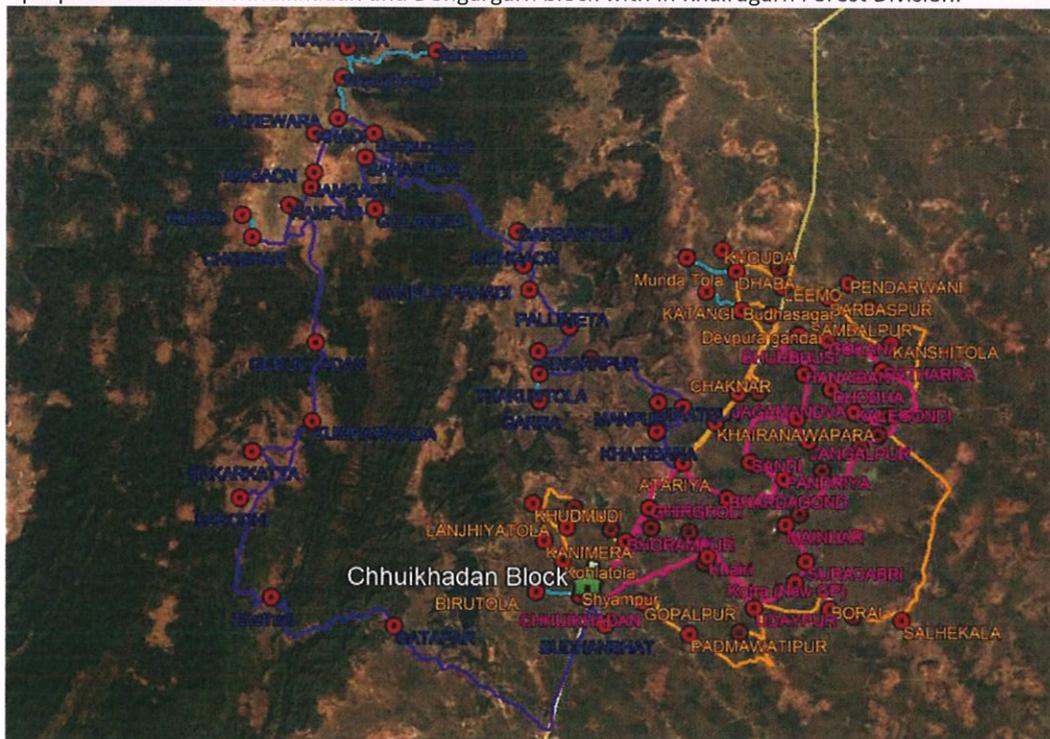
The Government of Chhattisgarh intends to setup an Optical Fibre Cable Network from the Block Head Quarters to Gram Panchayats to provide high speed broadband connectivity by connecting the 85 Blocks, 5987 Gram Panchayats across the State. The proposed network architecture for BharatNet Phase-II project follows ring architecture with Internet Protocol – Multi Protocol Label Switching (IP-MPLS) technology. The network shall be leveraged to deliver scalable bandwidth to households, institutions and enterprises. It is planned to have an IP-MPLS ring at GP level with provisioning of 6 dedicated core of fibre as mandated by Government of India.

The Chhattisgarh Infotech Promotion Society (CHIPS), a Registered Society promoted by the Government of Chhattisgarh, is the nodal agency and prime mover for propelling IT growth and implementation of IT plans in the State.

The Chhattisgarh Infotech Promotion Society (CHIPS) has selected an implementation partner “**Tata Project Limited**” for BharatNet Phase-II Project. The project has been conceived with the ambitious vision of providing connectivity to the yet unreached blocks in Chhattisgarh and entails massive investment on the infrastructure creation across the state which would serve as the information highway for decades to come.

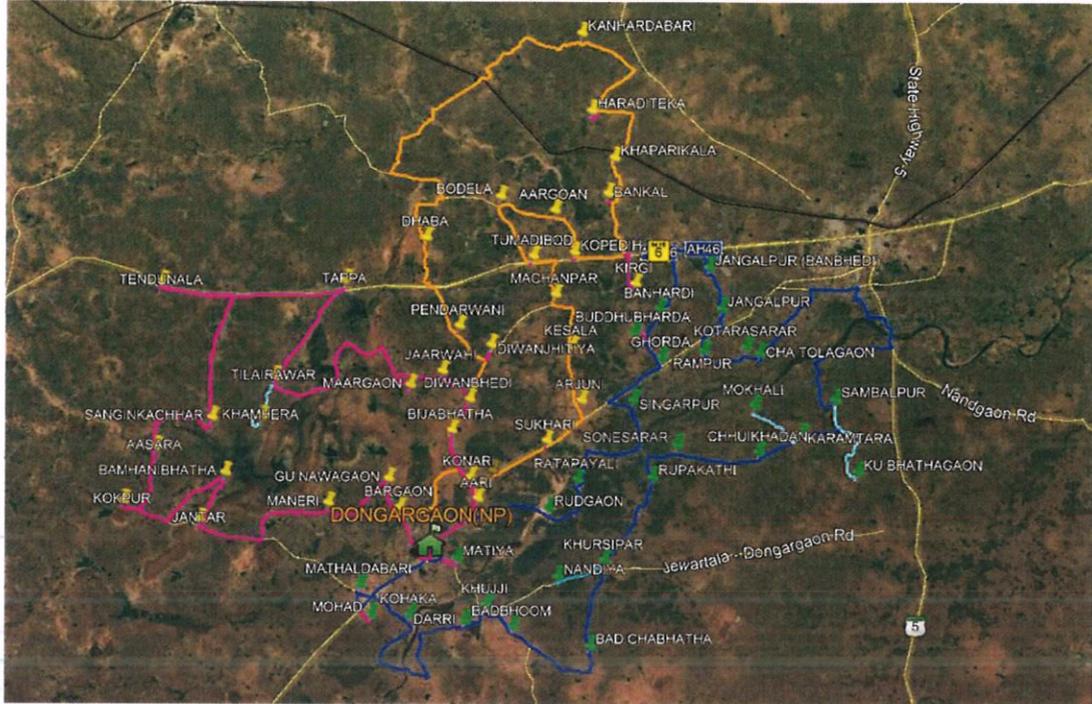
1.2. Proposed Routes

The proposed routes in Chhuikhadan and Dongargarh block with in Khairagarh Forest Division.



OFC Cable Proposed Routes in Chhuikhadan Block in Khairagarh Forest Division.

Chhattisgarh BharatNet Phase-II Project



OFC Cable Proposed Routes in Dongargarh Block in Khairagarh Forest Division.

1.3. Location

The proposed OFC Cable route in Khairagarh Forest Division (The OFC route Chhuikhadan and Dongargarh Block; District: Rajnandgaon). The Proposed OFC route length is approx. 438.393 Km in Chhuikhadan Block and 359.412 Km Dongargarh Block hence Total route lengths is 797.805 km. The survey site passes through forest ranges Chhuikhadan, Dongargarh, Gandai, Khairagarh, North Bortalab, Salewara and South Bortalab of Khairagarh Forest Division. The OFC Cable route is covered under Survey of India Toposheets 64 C12, 64 C13, 64 C14, 64 C15, and 64 C16, and 64 G02 and 64 G03 on RF 1:50000.

1.4. Objective

As per directives of Ministry of Environment & Forests (MoEF) dated 8th July 2011; all applications for Forest Diversion, under Forest Conservation Act, 1980 must be accompanied with Geo-referenced shape file, showing the boundary of the proposed area (both soft copy and hard copy maps), prepared using LiDAR/Differential GPS (DGPS) and the same should be uploaded to MoEF website along with the online application.

To meet this requirement, **Tata Project Limited** entrusted the DGPS survey work to **Genesys International Corporation Limited, Mumbai** through Mobile LiDAR Technology.

2. Scope of Work

1. Establishment of Ground Control Pointy with 72 Hours observation which covering approx. 15 km radius of the proposed route.
2. DGPS Survey for collection of ground coordinates along the proposed OFC Cable trench at every 200 m interval and/or at every turn/bend along the proposed trench. The DGPS data is collected at forest patches only.
3. Data processing and Interpretation
 - I. Geo-referencing of SOI Toposheet (scale 1:50000).
 - II. Creation of OFC Cable trench boundary vector map using the DGPS Surveyed data
 - III. Computation of Forest area and preparation of Forest Area Statement for proposed diversion. It includes Reserved/Protected Forest/ Orange Area & Revenue Forest Land.
 - IV. Preparation of Geo-referenced map showing proposed OFC Route.
 - V. Superimposition of cable route layer on Geo-referenced SOI Toposheet (scale 1:50000).
 - VI. Preparation of DGPS survey report along with soft copy of maps including shapefile format and kml file.
4. Preparation of Desired report, Geo-referenced maps and Technical compliance in Hard copy and soft copy.

3. Deliverables

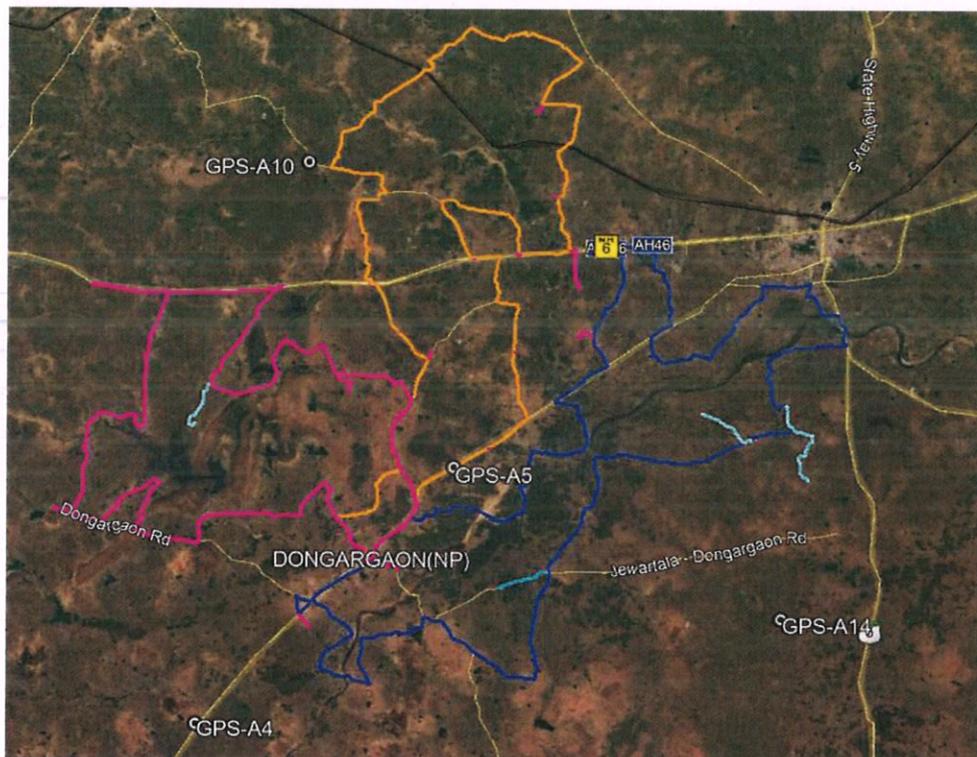
The deliverables envisaged for the assignment are described below -

1. Proposed Forest Diversion area statement as per LiDAR / DGPS Survey of proposed OFC route.
2. Geo-referenced map showing proposed OFC route in forest area and superimposed on SOI maps based on LiDAR / DGPS observations – Hard and Soft Copy (Maps in PDF format, SHP and KML formats).
3. LiDAR / DGPS Survey and Mapping Reports containing Ground Control Points report as the primary Control Points.
4. DGPS Survey and mapping report on hard copy and soft copy in CD.

4. Technical Approach

4.1. GCP Establishment for LiDAR (DGPS) Survey:

DGPS Survey with high precision equipment was used in blocks to bring mapping in to a single co-ordinates system. These Ground Control Point (GCPs) were connected to the Mobile LiDAR Mapping for accuracy purpose. The Ground Control Point required for eliminates the traditional mapping. The system can achieve millimeter accuracy of vehicle positioning, 3-D coordinates, and objects measured from the Geo-referenced image sequences. The Ground Control Point with 72 Hours of DGPS observation for Post Processing the GCP data with International GNSS Service (IGS) stations.



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- when it has to be right



GNSS Processing Report - Summary

Report created: 03/11/2019 18:41:29

Project Details

General		Customer Details		Master Coordinate System	
Project Name:	CHRS	Customer Name:	-	Coordinate System Name:	UTM48N
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Lead Surveyor:	-	Number:	-	Residual Distribution:	None
Date Created:	03/11/2019 14:22:01	Email:	-	Ellipsoid:	WGS 1984
Last Accessed:	03/11/2019 14:22:08	State:	-	Projection Type:	UTM
Application Software:	Infinity 2.1	Website:	-	Solid Model:	EGM_2008
				CSCS Model:	-
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Size:	5,296.3 MB				
Comments:	-				

SPP Point: 9453Base_1

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Ephemeris Type:	Broadcast	Broadcast	
Antenna Calibration Set:	LEICA Relative	LEICA Relative	
Processing Strategy			
Solution Type:	Phase Float	Navigation	
Solution Optimization:	Automatic	None	
Frequency to use in Ionosphere Model:	Automatic	Automatic	
Ionospheric Model:	VMF with GPT2 model	VMF with GPT2 model	
Allow Wettable Pk:	Automatic	No	
General Settings			
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Min. Height:			
Possible Ambiguities Fix up to:	300 km		
Min. Distance for Float Solution (ITMFC):	00:00:01		

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Acquisition

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Duration: 08:09:46

Antenna

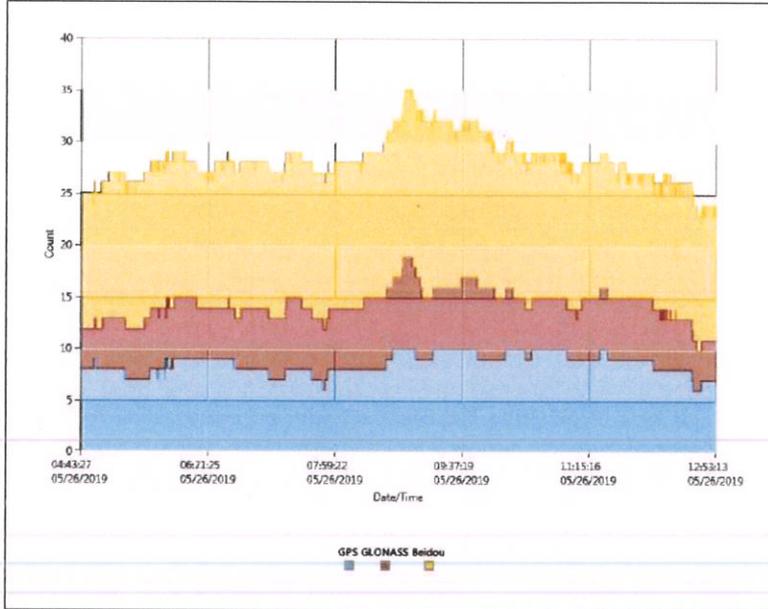
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Antenna Height: 1.0100 m

Chhattisgarh BharatNet Phase-II Project

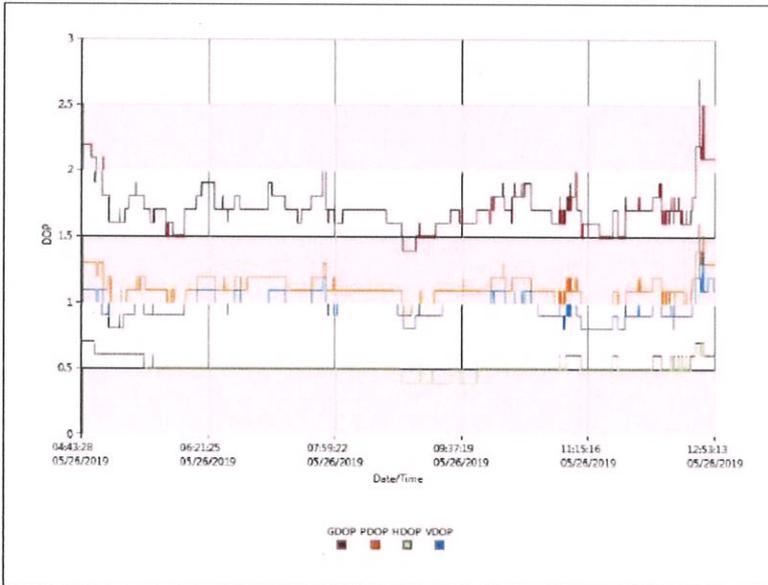
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SVs Tracked



DOP



List of GCP's –

Sr.No	District	GCP No.	Latitude (D:M:S)	Longitude(D:M:S)	Easting	Northing
1	Rajnandgaon	GPS-A4	N20°54'43.26942"	E80°47'04.77587"	477606.838	2312425.642
2	Rajnandgaon	GPS-A5	N21°00'30.50965"	E80°53'14.24198"	488286.781	2323089.710
3	Rajnandgaon	GPS-A10	N21°07'22.68239"	E80°49'45.33267"	482269.653	2335766.389
4	Rajnandgaon	GPS-A14	N20°57'06.81528"	E81°01'03.76571"	501841.449	2316823.636

4.2. Mobile LiDAR (DGPS) data collection:

DGPS based Mobile LiDAR data was collected along with 360 degree panoramic view of the OFC route corridor (25 meter on each side along the center of the road).



Mobile LiDAR Van



4.3. DRS / GIS Map Creation Using LiDAR data:

All the features along the route are captured using LiDAR data and Panoramic Imagery to create the DRS / GIS Map.



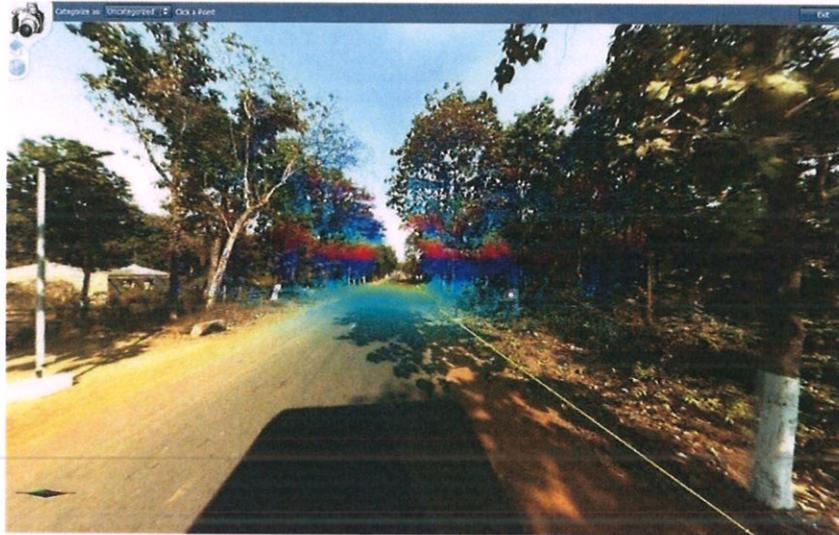
Feature Extraction on LiDAR



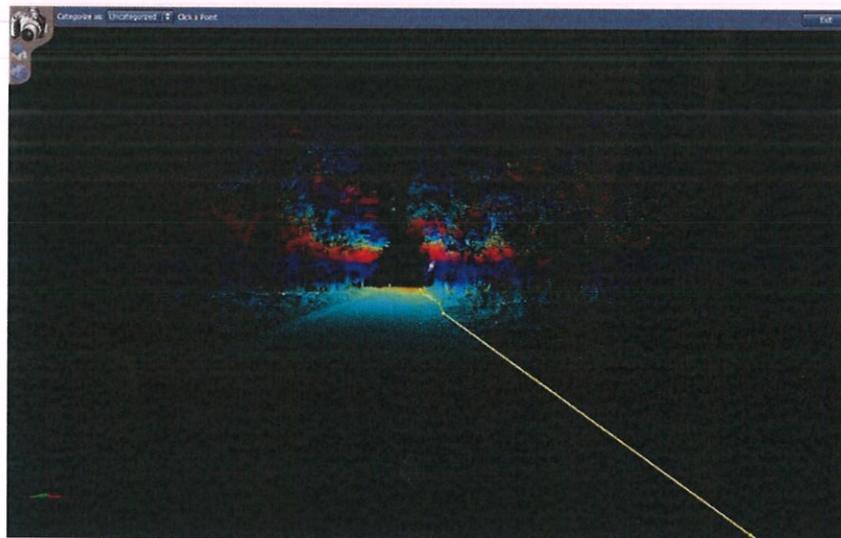
Final DRS / GIS Map

4.4. Demarcation of Proposed OFC on LiDAR data:

Proposed OFC line is demarcated based on the feasibility of trenching to be done on ground by referring the LiDAR data with the panoramic imagery.



Proposed OFC Line on LiDAR Data (with Panoramic Imagery)

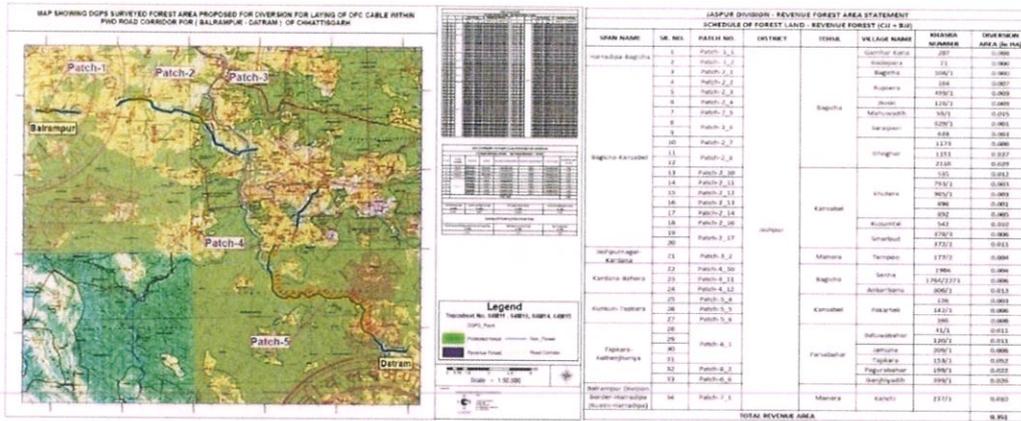


Proposed OFC Line on LiDAR Data only

Chhattisgarh BharatNet Phase-II Project

4.7. Generation of Map and Survey Reports for Forest Diversion

A map is created by overlaying the created vector data for the forest patches on the Geo-referenced SOI Toposheets. The reports are generated for DGPS Points (with Lat/long) placed at the regular intervals of 100 m on the proposed OFC route in the forest area. Another report is generated having area calculation for the proposed trench area in different type of Forest Lands. Samples of these are as below.



Geo-referenced Map

Forest Area Statement

5. DGPS Survey Results

The total OFC route length is approx. 797.805 km. covered Chhuikhadan and Dongargarh Block of Khairagarh District. Out of this 704.186 km OFC route length is passing through non-forest Land and 93.619 km OFC route length is passing through Forest Patches hence the proposed forest area for diversion 4.681 Ha. Forest Area Statement Report is in Annexure-1, and DGPS coordinates and forest patch boundary coordinates is in Annexure-2. The geo-referenced maps are in Annexure -3.

5.1. Forest Area Statement (Annexure-1)

Forest Area Statement – Chhuikhadan Block and Dongargarh Block with in Khairagarh Forest Division, District - Rajnandgaon					
Total Route Length (in Km.)	Length of Non Forest Land (in K.m.)	Width of Non Forest Land (in K.M)	Area of Non-Forest Land (in Ha.)	Length of Forest Land (in km.)	Area of Proposed Forest Land (in Ha.)
797.805	704.186	0.0005	35.209	93.619	4.681

Sl. No.	Forest Division	Forest range	No of Compartment	Length (in m.)	Width (in m.)	Proposed Area (in Ha.)
1	Khairagarh	Chhuikhadan	38	25262.662	0.5	1.263
2	Khairagarh	Dongargarh	7	883.036	0.5	0.044
3	Khairagarh	Gandai	23	13253.124	0.5	0.663
4	Khairagarh	Khairagarh	10	6012.556	0.5	0.301
5	Khairagarh	North Bortalab	19	3807.135	0.5	0.190
6	Khairagarh	Salewara	34	24945.574	0.5	1.248
7	Khairagarh	South Bortalab	51	13886.685	0.5	0.694
Total of Table A						4.403
Sl. No.	District	Block	No of Khasra	Length (in m.)	Width (in m.)	Proposed Area (in Ha.)
1	Rajnandgaon	Chhuikhadan	19	1963.661	0.5	0.098
1	Rajnandgaon	Dongargarh	22	3604.100	0.5	0.180
Total of Table B						0.278
Total Diversion Area (Table A+TableB)						4.681

वनमंडलाधिकारी
राज, वनमंडल, खैरागढ़





Table A - Area statement for proposed forest Patches – Protected /Reserve/Orange Area										
Sl. No.	Patch	Block	Forest Division	Route Name	Forest Range	Type	Comp. No	Length (in m.)	Width (in m.)	Proposed Area (In Ha.)
1	23	Chhuikhadan	Khairagarh	Bhothali To Gatapar	Chhuikhadan	RF	220	615.720	0.5	0.031
2	24	Chhuikhadan	Khairagarh	Bhothali To Gatapar	Chhuikhadan	RF	222	201.385	0.5	0.010
3	24	Chhuikhadan	Khairagarh	Bhothali To Gatapar	Chhuikhadan	RF	222	1216.787	0.5	0.061
4	24	Chhuikhadan	Khairagarh	Bhothali To Gatapar	Chhuikhadan	RF	223	923.140	0.5	0.046
5	24	Chhuikhadan	Khairagarh	Bhothali To Gatapar	Chhuikhadan	RF	224	1084.135	0.5	0.054
6	24	Chhuikhadan	Khairagarh	Bhothali To Gatapar	Chhuikhadan	RF	224	794.284	0.5	0.040
7	24	Chhuikhadan	Khairagarh	Bhothali To Gatapar	Chhuikhadan	RF	227	673.002	0.5	0.034
8	25	Chhuikhadan	Khairagarh	Bhothali To Gatapar	Chhuikhadan	RF	227	121.711	0.5	0.006
9	25	Chhuikhadan	Khairagarh	Bhothali To Gatapar	Chhuikhadan	RF	227	1634.309	0.5	0.082
10	25	Chhuikhadan	Khairagarh	Bhothali To Gatapar	Chhuikhadan	RF	227	718.546	0.5	0.036
11	25	Chhuikhadan	Khairagarh	Bhothali To Gatapar	Chhuikhadan	RF	228	60.023	0.5	0.003
12	25	Chhuikhadan	Khairagarh	Bhothali To Gatapar	Chhuikhadan	PF	P233	724.843	0.5	0.036
13	25	Chhuikhadan	Khairagarh	Bhothali To Gatapar	Chhuikhadan	PF	P233	365.692	0.5	0.018
14	27	Chhuikhadan	Khairagarh	Kumharwada To Bhothali	Chhuikhadan	RF	238	401.452	0.5	0.021
15	27	Chhuikhadan	Khairagarh	Kumharwada To Bhothali	Chhuikhadan	RF	237	3634.161	0.5	0.182
16	27	Chhuikhadan	Khairagarh	Kumharwada To Bhothali	Chhuikhadan	RF	238	130.401	0.5	0.007

Table A - Area statement for proposed forest Patches – Protected /Reserve/Orange Area

Sl. No.	Patch	Block	Forest Division	Route Name	Forest Range	Type	Comp. No	Length (in m.)	Width (in m.)	Proposed Area (In Ha.)
17	27	Chhuikhadan	Khairagarh	Kumharwada To Bhothali	Chhuikhadan	PF	P169	181.840	0.5	0.009
18	27	Chhuikhadan	Khairagarh	Kumharwada To Bhothali	Chhuikhadan	PF	P236	385.256	0.5	0.019
19	28	Chhuikhadan	Khairagarh	Kumharwada To Bhothali	Chhuikhadan	PF	P169	839.819	0.5	0.042
20	28	Chhuikhadan	Khairagarh	Kumharwada To Bhothali	Chhuikhadan	PF	P169	2000.001	0.5	0.100
21	29	Chhuikhadan	Khairagarh	Kumharwada To Bhothali	Chhuikhadan	PF	P167	1137.930	0.5	0.057
22	30	Chhuikhadan	Khairagarh	Kumharwada To Bhothali	Chhuikhadan	PF	P167	345.730	0.5	0.017
23	30	Chhuikhadan	Khairagarh	Kumharwada To Bhothali	Chhuikhadan	PF	P167	436.388	0.5	0.022
24	50	Chhuikhadan	Khairagarh	Atariya To Jhuranadi	Chhuikhadan	PF	P201	269.159	0.5	0.013
25	50	Chhuikhadan	Khairagarh	Atariya To Jhuranadi	Chhuikhadan	PF	P201	517.857	0.5	0.026
26	50	Chhuikhadan	Khairagarh	Chhuikhadan To Manpur	Chhuikhadan	PF	P201	785.413	0.5	0.039
27	50	Chhuikhadan	Khairagarh	Chhuikhadan To Manpur	Chhuikhadan	PF	P201	121.698	0.5	0.006
28	50	Chhuikhadan	Khairagarh	Ghirgholi To Bhardagond	Chhuikhadan	PF	P201	785.348	0.5	0.039
29	50	Chhuikhadan	Khairagarh	Atariya To Jhuranadi	Chhuikhadan	PF	P202	933.368	0.5	0.047
30	50	Chhuikhadan	Khairagarh	Atariya To Jhuranadi	Chhuikhadan	PF	P202	293.293	0.5	0.015
31	50	Chhuikhadan	Khairagarh	Bhorampur To Ghirgholi	Chhuikhadan	PF	P202	160.088	0.5	0.008
32	50	Chhuikhadan	Khairagarh	Chhuikhadan To Manpur	Chhuikhadan	PF	P202	967.179	0.5	0.048



Table A - Area statement for proposed forest Patches – Protected /Reserve/Orange Area

Sl. No.	Patch	Block	Forest Division	Route Name	Forest Range	Type	Comp. No	Length (in m.)	Width (in m.)	Proposed Area (In Ha.)	
33	50	Chhuikhadan	Khairagarh	Chhuikhadan To Manpur	Chhuikhadan	PF	P202	260.584	0.5	0.013	
34	50	Chhuikhadan	Khairagarh	Ghirgholi To Bhardagond	Chhuikhadan	PF	P202	684.764	0.5	0.034	
35	50	Chhuikhadan	Khairagarh	Ghirgholi To Bhardagond	Chhuikhadan	PF	P202	427.376	0.5	0.021	
36	51	Chhuikhadan	Khairagarh	Baikatori To Kohlatola	Chhuikhadan	PF	P204	114.958	0.5	0.006	
37	51	Chhuikhadan	Khairagarh	Baikatori To Kohlatola	Chhuikhadan	PF	P204	227.734	0.5	0.011	
38	51	Chhuikhadan	Khairagarh	Jhuranadi To Baikatori	Chhuikhadan	PF	P204	87.288	0.5	0.004	
Total-								38	25262.662	0.5	1.263
39	17	Dongargarh	Khairagarh	Gajmarra To Dongargarh	Dongargarh	RF	483	10.280	0.5	0.001	
40	17	Dongargarh	Khairagarh	Gajmarra To Dongargarh	Dongargarh	RF	483	357.292	0.5	0.017	
41	17	Dongargarh	Khairagarh	Gajmarra To Dongargarh	Dongargarh	RF	483	8.501	0.5	0.001	
42	17	Dongargarh	Khairagarh	Gajmarra To Dongargarh	Dongargarh	RF	483	101.155	0.5	0.005	
43	17	Dongargarh	Khairagarh	Gajmarra To Dongargarh	Dongargarh	RF	483	17.771	0.5	0.001	
44	17	Dongargarh	Khairagarh	Bhothali To Dongargarh	Dongargarh	PF	P475	296.430	0.5	0.014	
45	17	Dongargarh	Khairagarh	Bhothali To Dongargarh	Dongargarh	PF	P475	91.607	0.5	0.005	
Total-								7	883.036	0.5	0.044
46	46	Chhuikhadan	Khairagarh	Manpur Pahadi To Salhewara	Gandai	PF	P30	295.994	0.5	0.015	



Table A - Area statement for proposed forest Patches – Protected /Reserve/Orange Area

Sl. No.	Patch	Block	Forest Division	Route Name	Forest Range	Type	Comp. No	Length (in m.)	Width (in m.)	Proposed Area (In Ha.)
47	46	Chhuikhadan	Khairagarh	Manpur Pahadi To Salhewara	Gandai	PF	P30	1234.312	0.5	0.062
48	46	Chhuikhadan	Khairagarh	Manpur Pahadi To Salhewara	Gandai	PF	P30	1672.920	0.5	0.084
49	46	Chhuikhadan	Khairagarh	Manpur Pahadi To Salhewara	Gandai	PF	P30	2000.000	0.5	0.100
50	46	Chhuikhadan	Khairagarh	Manpur Pahadi To Salhewara	Gandai	PF	P30	98.499	0.5	0.005
51	46	Chhuikhadan	Khairagarh	Manpur Pahadi To Salhewara	Gandai	PF	P31	550.845	0.5	0.027
52	46	Chhuikhadan	Khairagarh	Manpur Pahadi To Salhewara	Gandai	PF	P31	466.067	0.5	0.023
53	46	Chhuikhadan	Khairagarh	Manpur Pahadi To Salhewara	Gandai	PF	P41	214.845	0.5	0.011
54	46	Chhuikhadan	Khairagarh	Manpur Pahadi To Salhewara	Gandai	PF	P93	270.713	0.5	0.014
55	47	Chhuikhadan	Khairagarh	Manpur Pahadi To Salhewara	Gandai	PF	P93	421.056	0.5	0.020
56	47	Chhuikhadan	Khairagarh	Pallimeta To Manpur Pahadi	Gandai	PF	P94	855.926	0.5	0.043
57	48	Chhuikhadan	Khairagarh	Manpur To Achanakpur	Gandai	PF	P1	751.769	0.5	0.038
58	48	Chhuikhadan	Khairagarh	Manpur To Achanakpur	Gandai	PF	P16	460.738	0.5	0.023
59	48	Chhuikhadan	Khairagarh	Manpur To Achanakpur	Gandai	PF	P16	723.830	0.5	0.036
60	48	Chhuikhadan	Khairagarh	Manpur To Achanakpur	Gandai	PF	P16	30.617	0.5	0.002
61	48	Chhuikhadan	Khairagarh	Manpur To Achanakpur	Gandai	PF	P4	432.978	0.5	0.022
62	48	Chhuikhadan	Khairagarh	Manpur To Achanakpur	Gandai	PF	P4	603.577	0.5	0.030



Table A - Area statement for proposed forest Patches - Protected / Reserve / Orange Area

Sl. No.	Patch	Block	Forest Division	Route Name	Forest Range	Type	Comp. No	Length (in m.)	Width (in m.)	Proposed Area (In Ha.)
63	49	Chhuikhadan	Khairagarh	Manpur To Achanakpur	Gandai	PF	P3	1403.531	0.5	0.070
64	49	Chhuikhadan	Khairagarh	Manpur To Achanakpur	Gandai	PF	P3	435.715	0.5	0.022
65	49	Chhuikhadan	Khairagarh	Manpur To Achanakpur	Gandai	PF	P3	60.243	0.5	0.003
66	49	Chhuikhadan	Khairagarh	Manpur To Achanakpur	Gandai	PF	P3	39.117	0.5	0.002
67	49	Chhuikhadan	Khairagarh	Manpur To Achanakpur	Gandai	PF	P3	40.163	0.5	0.002
68	50	Chhuikhadan	Khairagarh	Leemo To Dhaba	Gandai	PF	P91	189.669	0.5	0.009
Total-								13253.124	0.5	0.663
69	18	Chhuikhadan	Khairagarh	Gatapar To Chhuikhadan	Khairagarh	RF	350	463.531	0.5	0.023
70	18	Chhuikhadan	Khairagarh	Gatapar To Chhuikhadan	Khairagarh	RF	350	539.691	0.5	0.027
71	18	Chhuikhadan	Khairagarh	Gatapar To Chhuikhadan	Khairagarh	RF	351	229.276	0.5	0.011
72	19	Chhuikhadan	Khairagarh	Gatapar To Chhuikhadan	Khairagarh	PF	P215	1635.578	0.5	0.082
73	20	Chhuikhadan	Khairagarh	Gatapar To Chhuikhadan	Khairagarh	PF	P215	974.876	0.5	0.049
74	21	Chhuikhadan	Khairagarh	Gatapar To Chhuikhadan	Khairagarh	PF	P230	1234.022	0.5	0.062
75	21	Chhuikhadan	Khairagarh	Gatapar To Chhuikhadan	Khairagarh	PF	P230	360.902	0.5	0.018
76	24	Chhuikhadan	Khairagarh	Bhothali To Gatapar	Khairagarh	RF	225	81.193	0.5	0.004
77	24	Chhuikhadan	Khairagarh	Bhothali To Gatapar	Khairagarh	RF	226	250.623	0.5	0.013



Table A - Area statement for proposed forest Patches – Protected /Reserve/Orange Area										
Sl. No.	Patch	Block	Forest Division	Route Name	Forest Range	Type	Comp. No	Length (in m.)	Width (in m.)	Proposed Area (In Ha.)
78	24	Chhuikhadan	Khairagarh	Bhothali To Gatapar	Khairagarh	RF	226	242.864	0.5	0.012
Total-										
79	10	Dongargarh	Khairagarh	Andi To Pitepani	North Bortalab	PF	P442	14.08	0.5	0.001
80	10	Dongargarh	Khairagarh	Andi To Pitepani	North Bortalab	PF	P442	121.98	0.5	0.006
81	10	Dongargarh	Khairagarh	Andi To Pitepani	North Bortalab	PF	P442	89.48	0.5	0.004
82	10	Dongargarh	Khairagarh	Andi To Pitepani	North Bortalab	PF	P442	12.88	0.5	0.001
83	10	Dongargarh	Khairagarh	Andi To Pitepani	North Bortalab	PF	P443	28.36	0.5	0.001
84	10	Dongargarh	Khairagarh	Andi To Pitepani	North Bortalab	PF	P443	71.27	0.5	0.004
85	10	Dongargarh	Khairagarh	Andi To Pitepani	North Bortalab	PF	P443	255.77	0.5	0.013
86	11	Dongargarh	Khairagarh	Andi To Pitepani	North Bortalab	RF	437	744.81	0.5	0.037
87	11	Dongargarh	Khairagarh	Andi To Pitepani	North Bortalab	RF	437	825.07	0.5	0.042
88	11	Dongargarh	Khairagarh	Andi To Pitepani	North Bortalab	RF	437	16.37	0.5	0.001
89	11	Dongargarh	Khairagarh	Andi To Pitepani	North Bortalab	PF	P443	280.28	0.5	0.014
90	11	Dongargarh	Khairagarh	Andi To Pitepani	North Bortalab	PF	P443	27.75	0.5	0.001
91	11	Dongargarh	Khairagarh	Andi To Pitepani	North Bortalab	PF	P450	20.06	0.5	0.001
92	11	Dongargarh	Khairagarh	Andi To Pitepani	North Bortalab	PF	P450	127.08	0.5	0.006



Table A - Area statement for proposed forest Patches - Protected / Reserve / Orange Area

Sl. No.	Patch	Block	Forest Division	Route Name	Forest Range	Type	Comp. No	Length (in m.)	Width (in m.)	Proposed Area (In Ha.)
93	11	Dongargarh	Khairagarh	Andi To Pitepani	North Bortalab	PF	P450	22.91	0.5	0.001
94	16	Dongargarh	Khairagarh	Dongargarh To Andi	North Bortalab	RF	473	201.96	0.5	0.010
95	16	Dongargarh	Khairagarh	Dongargarh To Andi	North Bortalab	RF	473	165.31	0.5	0.008
96	16	Dongargarh	Khairagarh	Dongargarh To Andi	North Bortalab	RF	473	624.84	0.5	0.031
97	16	Dongargarh	Khairagarh	Dongargarh To Kalkasa	North Bortalab	PF	P445	156.87	0.5	0.008
Total-								3807.135	0.5	0.190
98	31	Chhuikhadan	Khairagarh	Kumharwada To Bakarkatta	Salewara	PF	P166	595.164	0.5	0.030
99	32	Chhuikhadan	Khairagarh	Kumharwada To Bhothali	Salewara	PF	P153	1191.524	0.5	0.061
100	33	Chhuikhadan	Khairagarh	Gerukhadan To Kumharwada	Salewara	PF	P131	712.392	0.5	0.036
101	33	Chhuikhadan	Khairagarh	Gerukhadan To Kumharwada	Salewara	PF	P131	1769.540	0.5	0.088
102	33	Chhuikhadan	Khairagarh	Gerukhadan To Kumharwada	Salewara	PF	P151	230.461	0.5	0.012
103	33	Chhuikhadan	Khairagarh	Gerukhadan To Kumharwada	Salewara	PF	P151	742.999	0.5	0.037
104	35	Chhuikhadan	Khairagarh	Rampur To Gerukhadan	Salewara	PF	P125	1707.620	0.5	0.085
105	35	Chhuikhadan	Khairagarh	Rampur To Gerukhadan	Salewara	PF	P129	9.485	0.5	0.000
106	35	Chhuikhadan	Khairagarh	Rampur To Gerukhadan	Salewara	PF	P129	534.958	0.5	0.027
107	35	Chhuikhadan	Khairagarh	Rampur To Gerukhadan	Salewara	PF	P130	1019.946	0.5	0.051



Table A - Area statement for proposed forest Patches – Protected /Reserve/Orange Area

Sl. No.	Patch	Block	Forest Division	Route Name	Forest Range	Type	Comp. No	Length (in m.)	Width (in m.)	Proposed Area (In Ha.)
108	36	Chhuikhadan	Khairagarh	Rampur To Gerukhadan	Salewara	PF	P138	509.130	0.5	0.025
109	37	Chhuikhadan	Khairagarh	Salhewara To Amgaon	Salewara	PF	P117	514.977	0.5	0.026
110	37	Chhuikhadan	Khairagarh	Salhewara To Amgaon	Salewara	PF	P117	521.107	0.5	0.026
111	37	Chhuikhadan	Khairagarh	Salhewara To Amgaon	Salewara	PF	P117	26.938	0.5	0.001
112	37	Chhuikhadan	Khairagarh	Salhewara To Amgaon	Salewara	PF	P117	24.887	0.5	0.001
113	38	Chhuikhadan	Khairagarh	Bhanjildongri To Nachaniya	Salewara	PF	P116	187.630	0.5	0.009
114	38	Chhuikhadan	Khairagarh	Salhewara To Bhanjildongri	Salewara	PF	P116	601.191	0.5	0.031
115	38	Chhuikhadan	Khairagarh	Salhewara To Bhanjildongri	Salewara	PF	P116	787.068	0.5	0.039
116	39	Chhuikhadan	Khairagarh	Bhanjildongri To Nachaniya	Salewara	PF	P114	522.370	0.5	0.026
117	39	Chhuikhadan	Khairagarh	Bhanjildongri To Nachaniya	Salewara	PF	P114	32.579	0.5	0.002
118	40	Chhuikhadan	Khairagarh	Nachaniya To Saraipatera	Salewara	PF	P113	1521.799	0.5	0.076
119	41	Chhuikhadan	Khairagarh	Nachaniya To Saraipatera	Salewara	PF	P44	1071.345	0.5	0.054
120	42	Chhuikhadan	Khairagarh	Nachaniya To Saraipatera	Salewara	PF	P46	747.217	0.5	0.037
121	43	Chhuikhadan	Khairagarh	Manpur Pahadi To Salhewara	Salewara	PF	P118	1438.688	0.5	0.072
122	44	Chhuikhadan	Khairagarh	Sahaspur To Golaridih	Salewara	PF	P120	995.950	0.5	0.050
123	44	Chhuikhadan	Khairagarh	Sahaspur To Golaridih	Salewara	PF	P120	1146.651	0.5	0.057



Table A - Area statement for proposed forest Patches – Protected /Reserve/Orange Area

Sl. No.	Patch	Block	Forest Division	Route Name	Forest Range	Type	Comp. No	Length (in m.)	Width (in m.)	Proposed Area (In Ha.)
124	46	Chhuikhadan	Khairagarh	Manpur Pahadi To Salhewara	Salewara	PF	P119	525.763	0.5	0.026
125	46	Chhuikhadan	Khairagarh	Manpur Pahadi To Salhewara	Salewara	PF	P29A	168.728	0.5	0.008
126	46	Chhuikhadan	Khairagarh	Manpur Pahadi To Salhewara	Salewara	PF	P29B	1633.015	0.5	0.082
127	46	Chhuikhadan	Khairagarh	Manpur Pahadi To Salhewara	Salewara	PF	P29B	460.730	0.5	0.023
128	46	Chhuikhadan	Khairagarh	Manpur Pahadi To Salhewara	Salewara	PF	P32	99.761	0.5	0.005
129	46	Chhuikhadan	Khairagarh	Manpur Pahadi To Salhewara	Salewara	PF	P32	1539.271	0.5	0.077
130	46	Chhuikhadan	Khairagarh	Manpur Pahadi To Salhewara	Salewara	PF	P32	142.285	0.5	0.007
131	46	Chhuikhadan	Khairagarh	Manpur Pahadi To Salhewara	Salewara	PF	P33	1212.405	0.5	0.061
Total-							34	24945.574	0.5	1.248
132	1	Dongargarh	Khairagarh	Bhagwantola To Thakurtola Se	South Bortalab	PF	P465	234.287	0.5	0.012
133	1	Dongargarh	Khairagarh	Bhagwantola To Thakurtola Se	South Bortalab	PF	P465	76.283	0.5	0.004
134	1	Dongargarh	Khairagarh	Bhagwantola To Thakurtola Se	South Bortalab	PF	P465	279.192	0.5	0.014
135	1	Dongargarh	Khairagarh	Bhagwantola To Thakurtola Se	South Bortalab	PF	P465	264.087	0.5	0.013
136	1	Dongargarh	Khairagarh	Bhagwantola To Thakurtola Se	South Bortalab	PF	P465	1717.917	0.5	0.085
137	2	Dongargarh	Khairagarh	Bhagwantola To Thakurtola Se	South Bortalab	PF	P484	168.569	0.5	0.008
138	2	Dongargarh	Khairagarh	Bhagwantola To Thakurtola Se	South Bortalab	PF	P484	209.810	0.5	0.010

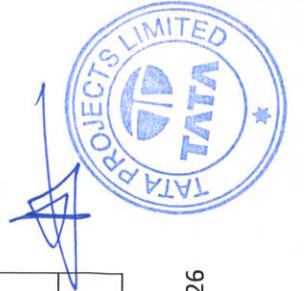


Table A - Area statement for proposed forest Patches – Protected /Reserve/Orange Area

Sl. No.	Patch	Block	Forest Division	Route Name	Forest Range	Type	Comp. No	Length (in m.)	Width (in m.)	Proposed Area (In Ha.)
139	3	Dongargarh	Khairagarh	Bhagwantola To Thakurtola Se	South Bortalab	PF	P484	140.960	0.5	0.007
140	3	Dongargarh	Khairagarh	Bhagwantola To Thakurtola Se	South Bortalab	PF	P484	78.534	0.5	0.004
141	3	Dongargarh	Khairagarh	Bhagwantola To Thakurtola Se	South Bortalab	PF	P484	22.337	0.5	0.001
142	3	Dongargarh	Khairagarh	Bhagwantola To Thakurtola Se	South Bortalab	PF	P484	46.101	0.5	0.002
143	4	Dongargarh	Khairagarh	Bhagwantola To Thakurtola Se	South Bortalab	PF	P491	1.882	0.5	0.000
144	4	Dongargarh	Khairagarh	Bhagwantola To Thakurtola Se	South Bortalab	PF	P491	29.869	0.5	0.001
145	4	Dongargarh	Khairagarh	Bhagwantola To Thakurtola Se	South Bortalab	PF	P491	85.027	0.5	0.004
146	4	Dongargarh	Khairagarh	Bhagwantola To Thakurtola Se	South Bortalab	PF	P491	116.013	0.5	0.006
147	4	Dongargarh	Khairagarh	Bhagwantola To Thakurtola Se	South Bortalab	PF	P491	75.905	0.5	0.004
148	4	Dongargarh	Khairagarh	Bhagwantola To Thakurtola Se	South Bortalab	PF	P491	81.571	0.5	0.004
149	4	Dongargarh	Khairagarh	Bhagwantola To Thakurtola Se	South Bortalab	PF	P491	135.102	0.5	0.007
150	5	Dongargarh	Khairagarh	Bhagwantola To Thakurtola Se	South Bortalab	RF	495	542.640	0.5	0.027
151	5	Dongargarh	Khairagarh	Bhagwantola To Thakurtola Se	South Bortalab	RF	495	768.030	0.5	0.038
152	5	Dongargarh	Khairagarh	Bhagwantola To Thakurtola Se	South Bortalab	RF	495	591.638	0.5	0.030
153	5	Dongargarh	Khairagarh	Bhagwantola To Thakurtola Se	South Bortalab	PF	P499	438.715	0.5	0.022
154	5	Dongargarh	Khairagarh	Bhagwantola To Thakurtola Se	South Bortalab	PF	P499	4.459	0.5	0.000

Chhattisgarh BharatNet Phase-II Project

Table A - Area statement for proposed forest Patches – Protected /Reserve/Orange Area										
Sl. No.	Patch	Block	Forest Division	Route Name	Forest Range	Type	Comp. No	Length (in m.)	Width (in m.)	Proposed Area (in Ha.)
155	5	Dongargarh	Khairagarh	Bhagwantola To Thakurtola Se	South Bortalab	PF	P501	158.365	0.5	0.008
156	5	Dongargarh	Khairagarh	Bhagwantola To Thakurtola Se	South Bortalab	PF	P501	868.834	0.5	0.043
157	6	Dongargarh	Khairagarh	Kaneri To Charbhata	South Bortalab	RF	566	6.599	0.5	0.000
158	6	Dongargarh	Khairagarh	Kaneri To Charbhata	South Bortalab	RF	566	807.537	0.5	0.040
159	6	Dongargarh	Khairagarh	Kaneri To Charbhata	South Bortalab	RF	566	388.761	0.5	0.019
160	6	Dongargarh	Khairagarh	Kaneri To Charbhata	South Bortalab	RF	566	271.402	0.5	0.014
161	6	Dongargarh	Khairagarh	Kaneri To Charbhata	South Bortalab	RF	566	819.085	0.5	0.041
162	6	Dongargarh	Khairagarh	Kaneri To Charbhata	South Bortalab	RF	566	216.794	0.5	0.011
163	6	Dongargarh	Khairagarh	Kaneri To Charbhata	South Bortalab	RF	566	14.153	0.5	0.001
164	7	Dongargarh	Khairagarh	Bagrekasa To Kathitola	South Bortalab	RF	555	113.826	0.5	0.006
165	7	Dongargarh	Khairagarh	Bagrekasa To Kathitola	South Bortalab	PF	P556A	507.942	0.5	0.025
166	7	Dongargarh	Khairagarh	Kaneri To Charbhata	South Bortalab	PF	P569	357.541	0.5	0.018
167	7	Dongargarh	Khairagarh	Kaneri To Charbhata	South Bortalab	PF	P569	254.253	0.5	0.013
168	7	Dongargarh	Khairagarh	Kaneri To Charbhata	South Bortalab	PF	P569	350.080	0.5	0.018
169	8	Dongargarh	Khairagarh	Andi To Pitepani	South Bortalab	PF	P457A	252.663	0.5	0.013
170	8	Dongargarh	Khairagarh	Andi To Pitepani	South Bortalab	PF	P457A	31.573	0.5	0.002



Chhattisgarh BharatNet Phase-II Project

Table A - Area statement for proposed forest Patches – Protected /Reserve/Orange Area										
Sl. No.	Patch	Block	Forest Division	Route Name	Forest Range	Type	Comp. No	Length (in m.)	Width (in m.)	Proposed Area (In Ha.)
171	8	Dongargarh	Khairagarh	Andi To Pitepani	South Bortalab	PF	P457A	174.871	0.5	0.009
172	8	Dongargarh	Khairagarh	Andi To Pitepani	South Bortalab	PF	P457A	514.167	0.5	0.026
173	8	Dongargarh	Khairagarh	Andi To Pitepani	South Bortalab	PF	P457A	335.436	0.5	0.017
174	8	Dongargarh	Khairagarh	Andi To Pitepani	South Bortalab	PF	P457A	312.603	0.5	0.016
175	9	Dongargarh	Khairagarh	Andi To Pitepani	South Bortalab	PF	P459	102.094	0.5	0.005
176	9	Dongargarh	Khairagarh	Andi To Pitepani	South Bortalab	PF	P459	468.410	0.5	0.023
177	9	Dongargarh	Khairagarh	Andi To Pitepani	South Bortalab	PF	P459	157.072	0.5	0.008
178	15	Dongargarh	Khairagarh	Andi To Bamarakala	South Bortalab	PF	P463	12.724	0.5	0.001
179	15	Dongargarh	Khairagarh	Andi To Pitepani	South Bortalab	PF	P463	128.874	0.5	0.006
180	15	Dongargarh	Khairagarh	Andi To Pitepani	South Bortalab	PF	P463	11.505	0.5	0.001
181	15	Dongargarh	Khairagarh	Andi To Pitepani	South Bortalab	PF	P463	118.287	0.5	0.006
182	15	Dongargarh	Khairagarh	Andi To Pitepani	South Bortalab	PF	P463	22.306	0.5	0.001
Total-							51	13886.685	0.5	0.694
Grand Total-							182	88050.772	0.5	4.403


 वनसंरक्षण विभाग
 चण्डीगढ़, हरियाणा



Chhattisgarh BharatNet Phase-II Project

Table B - Area statement for proposed forest patches – Revenue Forest Land (Chhote/Bade Jhad ke jangal)										
Sl. No.	Patch	District	Block	Route Name	Village	Type	Khasra No	Length (in m.)	Width (in m.)	Proposed Area (in Ha.)
1	1	Rajnandgaon	Dongargarh	Bhagwantola To Thakurtola Se	Maithan	BJJ	281/2	260.322	0.5	0.012
2	1	Rajnandgaon	Dongargarh	Madiyan To Jhijhari	Maithan	BJJ	332/1	101.192	0.5	0.005
3	5	Rajnandgaon	Dongargarh	Kaneri To Charbhata	Fatteganj	BJJ	61	10.201	0.5	0.001
4	7	Rajnandgaon	Dongargarh	Bagreka To Kathitola	Bagreka	BJJ	413	29.638	0.5	0.001
5	8	Rajnandgaon	Dongargarh	Andi To Pitepani	Banspahad	BJJ	7	49.045	0.5	0.002
6	12	Rajnandgaon	Dongargarh	Andi To Pitepani	Paniyajab	BJJ	343/1	96.195	0.5	0.005
7	12	Rajnandgaon	Dongargarh	Andi To Pitepani	Paniyajab	CJJ	329	71.357	0.5	0.004
8	12	Rajnandgaon	Dongargarh	Andi To Pitepani	Paniyajab	BJJ	260	165.503	0.5	0.008
9	13	Rajnandgaon	Dongargarh	Andi To Bamarakala	Barnarakalan	BJJ	484	18.926	0.5	0.001
10	13	Rajnandgaon	Dongargarh	Andi To Bamarakala	Barnarakalan	BJJ	203	70.499	0.5	0.004
11	13	Rajnandgaon	Dongargarh	Andi To Bamarakala	Barnarakalan	BJJ	469	110.264	0.5	0.006
12	13	Rajnandgaon	Dongargarh	Andi To Bamarakala	Barnarakalan	BJJ	516	161.402	0.5	0.007
13	14	Rajnandgaon	Dongargarh	Andi To Bamarakala	Barnarakalan	BJJ	616	210.244	0.5	0.011
14	14	Rajnandgaon	Dongargarh	Andi To Bamarakala	Barnarakalan	BJJ	601	155.583	0.5	0.008
15	15	Rajnandgaon	Dongargarh	Andi To Bamarakala	Barnarakalan	BJJ	624	130.602	0.5	0.007
16	15	Rajnandgaon	Dongargarh	Andi To Bamarakala	Paniyajab	BJJ	358/1	19.025	0.5	0.001



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Table B - Area statement for proposed forest Patches – Revenue Forest Land (Chhote/Bade Jhad ke jangal)										
Sl. No.	Patch	District	Block	Route Name	Village	Type	Khasra No	Length (in m.)	Width (in m.)	Proposed Area (in Ha.)
17	15	Rajnandgaon	Dongargarh	Andi To Bamarakala	Paniyajab	CJJ	339/1	256.494	0.5	0.013
18	16	Rajnandgaon	Dongargarh	Dongargarh To Andi	Chiddo	BJJ	331	28.218	0.5	0.001
19	16	Rajnandgaon	Dongargarh	Dongargarh To Andi	Chiddo	BJJ	559	18.951	0.5	0.001
Total-							19	1963.661	0.5	0.098
20	20	Rajnandgaon	Chhui khadan	Gatapar To Chhui khadan	Bikrampur	CJJ	92	121.037	0.5	0.006
21	20	Rajnandgaon	Chhui khadan	Gatapar To Chhui khadan	Bikrampur	CJJ	94	140.581	0.5	0.007
22	20	Rajnandgaon	Chhui khadan	Gatapar To Chhui khadan	Bikrampur	CJJ	114	66.328	0.5	0.003
23	20	Rajnandgaon	Chhui khadan	Gatapar To Chhui khadan	Bikrampur	CJJ	88	156.964	0.5	0.008
24	22	Rajnandgaon	Chhui khadan	Bhothali To Gatapar	Gatapar	BJJ	47	361.325	0.5	0.018
25	26	Rajnandgaon	Chhui khadan	Bhothali To Gatapar	Bhothali	BJJ	350	14.070	0.5	0.001
26	26	Rajnandgaon	Chhui khadan	Kumharwada To Bhothali	Bhothali	BJJ	353	218.177	0.5	0.011
27	26	Rajnandgaon	Chhui khadan	Kumharwada To Bhothali	Bhothali	BJJ	355	132.951	0.5	0.007
28	31	Rajnandgaon	Chhui khadan	Bakarkatta To Bhothali	Bakarkatta	BJJ	171	42.159	0.5	0.002
29	31	Rajnandgaon	Chhui khadan	Kumharwada To Bakarkatta	Bakarkatta	BJJ	141	78.199	0.5	0.004
30	32	Rajnandgaon	Chhui khadan	Kumharwada To Bhothali	Kumharwada	BJJ	94	22.380	0.5	0.001
31	33	Rajnandgaon	Chhui khadan	Gerukhadan To Kumharwada	Gerukhadan	BJJ	118	107.007	0.5	0.005
32	33	Rajnandgaon	Chhui khadan	Gerukhadan To Kumharwada	Gerukhadan	CJJ	63	45.263	0.5	0.002



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Table B - Area statement for proposed forest Patches - Revenue Forest Land (Chhote/Bade Jhad ke jangal)										
Sl. No.	Patch	District	Block	Route Name	Village	Type	Khasra No	Length (in m.)	Width (in m.)	Proposed Area (in Ha.)
33	34	Rajnandgaon	Chhuikhadan	Rampur To Gerukhadan	Gerukhadan	BJJ	28	378.314	0.5	0.018
34	35	Rajnandgaon	Chhuikhadan	Rampur To Gerukhadan	Gerukhadan	BJJ	90	116.710	0.5	0.006
35	35	Rajnandgaon	Chhuikhadan	Rampur To Gerukhadan	Gerukhadan	BJJ	94	113.743	0.5	0.006
36	35	Rajnandgaon	Chhuikhadan	Rampur To Gerukhadan	Gerukhadan	BJJ	91	257.634	0.5	0.013
37	42	Rajnandgaon	Chhuikhadan	Nachaniya To Saraipatera	Sarodhi	BJJ	15	17.457	0.5	0.001
38	42	Rajnandgaon	Chhuikhadan	Nachaniya To Saraipatera	Sarodhi	BJJ	17	164.494	0.5	0.008
39	44	Rajnandgaon	Chhuikhadan	Golardih To Sahaspur	Golardih	CJJ	97	119.160	0.5	0.006
40	44	Rajnandgaon	Chhuikhadan	Golardih To Sahaspur	Golardih	CJJ	98/1	574.823	0.5	0.029
41	45	Rajnandgaon	Chhuikhadan	Golardih To Jamgaon	Golardih	CJJ	14	355.324	0.5	0.018
Total-							22	3604.100	0.5	0.180
Grand Total-							41	5567.761	0.5	0.278

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5.2. LiDAR/DGPS Surveyed coordinates of Forest Patches (Annexure-2)

Point	Patch	Longitud in D:M:S	Latitud in D:M:S	Point	Patch	Longitud in D:M:S	Latitud in D:M:S
P-1	1	80°38'55.16443"	21°08'59.97886"	P-51	4	80°38'36.97326"	21°06'32.18541"
P-2	1	80°38'55.63637"	21°08'59.88623"	P-52	4	80°38'41.06838"	21°06'52.56070"
P-3	1	80°39'14.71485"	21°09'07.16513"	P-53	4	80°38'41.06838"	21°06'52.56070"
P-4	1	80°39'16.73114"	21°09'07.65063"	P-54	4	80°38'41.22538"	21°06'55.20352"
P-5	1	80°39'20.75375"	21°09'12.52046"	P-55	4	80°38'41.55242"	21°06'49.84676"
P-6	1	80°39'20.75375"	21°09'12.52046"	P-56	5	80°35'05.07202"	21°05'21.14201"
P-7	1	80°39'20.83147"	21°09'12.51393"	P-57	5	80°35'05.16147"	21°05'20.82098"
P-8	1	80°39'20.83147"	21°09'12.51393"	P-58	5	80°35'21.96192"	21°07'10.33391"
P-9	1	80°39'23.40618"	21°09'12.31476"	P-59	5	80°35'22.70810"	21°07'04.24398"
P-10	1	80°39'23.40618"	21°09'12.31476"	P-60	5	80°35'28.06934"	21°07'01.03835"
P-11	1	80°39'30.00295"	21°09'14.31601"	P-61	5	80°35'34.95484"	21°07'00.86551"
P-12	1	80°39'36.90358"	21°09'14.79989"	P-62	5	80°35'41.74806"	21°06'59.61890"
P-13	1	80°39'42.65807"	21°09'11.97542"	P-63	5	80°35'44.00032"	21°06'58.88739"
P-14	1	80°39'44.98884"	21°09'05.87640"	P-64	5	80°35'44.00032"	21°06'58.88739"
P-15	1	80°39'50.81038"	21°09'02.71928"	P-65	5	80°35'49.06162"	21°06'56.93263"
P-16	1	80°39'57.15140"	21°09'00.22220"	P-66	5	80°35'49.06162"	21°06'56.93263"
P-17	1	80°40'03.91779"	21°08'58.85199"	P-67	5	80°35'54.72933"	21°06'54.06736"
P-18	1	80°40'10.63630"	21°08'57.26444"	P-68	5	80°36'00.04125"	21°06'50.08044"
P-19	1	80°40'14.55215"	21°08'56.45647"	P-69	5	80°36'06.06097"	21°06'46.94886"
P-20	1	80°40'14.55215"	21°08'56.45647"	P-70	5	80°36'11.56377"	21°06'45.34806"
P-21	1	80°40'21.04427"	21°08'57.95562"	P-71	5	80°36'11.56377"	21°06'45.34806"
P-22	1	80°40'22.08357"	21°08'58.49706"	P-72	5	80°36'18.26052"	21°06'43.80649"
P-23	1	80°40'22.08357"	21°08'58.49706"	P-73	5	80°36'23.38749"	21°06'39.58348"
P-24	1	80°40'28.01899"	21°08'56.03630"	P-74	5	80°36'27.97824"	21°06'35.22293"
P-25	1	80°40'30.04308"	21°08'54.29680"	P-75	5	80°36'27.97824"	21°06'35.22293"



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Point	Patch	Longitud in D:M:S	Latitud in D:M:S	Point	Patch	Longitud in D:M:S	Latitud in D:M:S
P-26	1	80°40'30.04308"	21°08'54.29680"	P-76	5	80°36'34.68333"	21°06'34.10235"
P-27	1	80°40'35.42389"	21°08'50.19662"	P-77	5	80°36'41.44573"	21°06'35.49606"
P-28	1	80°40'37.20151"	21°08'48.94957"	P-78	5	80°36'46.29072"	21°06'35.88694"
P-29	2	80°38'48.85123"	21°08'02.43476"	P-79	5	80°36'46.29072"	21°06'35.88694"
P-30	2	80°38'49.17711"	21°08'08.88391"	P-80	5	80°36'52.68249"	21°06'33.71903"
P-31	2	80°38'49.27276"	21°08'09.19000"	P-81	5	80°36'56.83735"	21°06'28.53637"
P-32	2	80°38'49.27276"	21°08'09.19000"	P-82	5	80°36'57.64676"	21°06'27.53293"
P-33	2	80°38'50.56749"	21°08'14.46695"	P-83	5	80°36'57.64676"	21°06'27.53293"
P-34	3	80°38'42.82881"	21°07'43.70924"	P-84	5	80°36'57.74085"	21°06'27.41790"
P-35	3	80°38'42.82881"	21°07'43.70924"	P-85	6	80°31'15.46347"	21°05'33.28598"
P-36	3	80°38'43.42892"	21°07'43.25158"	P-86	6	80°31'20.67552"	21°05'29.07877"
P-37	3	80°38'44.30186"	21°07'47.59836"	P-87	6	80°31'26.01992"	21°05'25.02654"
P-38	3	80°38'44.30186"	21°07'47.59836"	P-88	6	80°31'32.18095"	21°05'22.41310"
P-39	3	80°38'44.82025"	21°07'49.01394"	P-89	6	80°31'37.10315"	21°05'19.20445"
P-40	3	80°38'44.82025"	21°07'49.01394"	P-90	6	80°31'37.36698"	21°05'18.63519"
P-41	3	80°38'45.31034"	21°07'51.52595"	P-91	6	80°31'37.36698"	21°05'18.63519"
P-42	4	80°38'13.26357"	21°06'08.41961"	P-92	6	80°31'37.45820"	21°05'18.43837"
P-43	4	80°38'13.31887"	21°06'08.45202"	P-93	6	80°31'37.45820"	21°05'18.43837"
P-44	4	80°38'13.31887"	21°06'08.45202"	P-94	6	80°31'37.91066"	21°05'18.61617"
P-45	4	80°38'14.93432"	21°06'10.37536"	P-95	6	80°31'37.91066"	21°05'18.61617"
P-46	4	80°38'14.93432"	21°06'10.37536"	P-96	6	80°31'44.38515"	21°05'20.90605"
P-47	4	80°38'17.74706"	21°06'13.05200"	P-97	6	80°31'50.91070"	21°05'21.20422"
P-48	4	80°38'33.63045"	21°06'27.88298"	P-98	6	80°31'50.91070"	21°05'21.20422"
P-49	4	80°38'34.35392"	21°06'28.57791"	P-99	6	80°31'57.84192"	21°05'21.28428"
P-50	4	80°38'34.35392"	21°06'28.57791"	P-100	6	80°31'58.42391"	21°05'21.29164"
P-101	6	80°31'58.42391"	21°05'21.29164"	P-151	9	80°37'03.42691"	21°12'38.68100"
P-102	6	80°32'05.35508"	21°05'21.37573"	P-152	9	80°37'03.42691"	21°12'38.68100"
P-103	6	80°32'12.28624"	21°05'21.45973"	P-153	9	80°37'04.97570"	21°12'41.65400"

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Point	Patch	Longitud in D:M:S	Latitud in D:M:S	Point	Patch	Longitud in D:M:S	Latitud in D:M:S
P-104	6	80°32'19.21742"	21°05'21.54249"	P-154	10	80°37'48.99571"	21°13'21.10204"
P-105	6	80°32'26.14213"	21°05'21.79612"	P-155	10	80°37'52.64232"	21°13'23.11474"
P-106	6	80°32'26.40241"	21°05'21.81678"	P-156	10	80°37'55.94685"	21°13'24.93823"
P-107	6	80°32'26.40241"	21°05'21.81678"	P-157	10	80°37'56.33421"	21°13'25.14693"
P-108	6	80°32'33.31749"	21°05'22.23362"	P-158	10	80°37'56.33421"	21°13'25.14693"
P-109	6	80°32'35.78960"	21°05'22.13066"	P-159	10	80°37'59.13615"	21°13'26.39651"
P-110	7	80°30'40.00667"	21°06'26.30296"	P-160	10	80°37'59.13615"	21°13'26.39651"
P-111	7	80°30'44.22273"	21°06'21.14041"	P-161	10	80°37'59.58842"	21°13'26.56948"
P-112	7	80°30'45.84999"	21°06'16.53021"	P-162	10	80°38'13.45550"	21°13'11.80321"
P-113	7	80°30'45.84999"	21°06'16.53021"	P-163	10	80°38'13.45550"	21°13'11.80321"
P-114	7	80°30'45.93183"	21°06'16.28159"	P-164	10	80°38'13.90871"	21°13'10.98484"
P-115	7	80°30'47.74722"	21°06'10.00358"	P-165	10	80°38'13.90871"	21°13'10.98484"
P-116	7	80°30'49.25303"	21°06'05.08138"	P-166	10	80°38'14.90738"	21°13'09.43162"
P-117	7	80°30'49.78147"	21°05'58.03529"	P-167	10	80°38'20.79243"	21°13'06.51392"
P-118	7	80°30'50.60109"	21°05'59.57733"	P-168	10	80°38'20.79243"	21°13'06.51392"
P-119	7	80°32'33.10810"	21°08'37.45539"	P-169	11	80°39'03.45156"	21°12'27.97765"
P-120	7	80°32'36.71438"	21°08'38.90342"	P-170	11	80°39'05.62516"	21°12'26.37016"
P-121	7	80°32'36.71438"	21°08'38.90342"	P-171	11	80°39'10.21396"	21°12'21.49502"
P-122	7	80°32'40.01995"	21°08'40.54870"	P-172	11	80°39'10.21396"	21°12'21.49502"
P-123	7	80°32'46.30372"	21°08'43.29506"	P-173	11	80°39'10.98376"	21°12'20.96001"
P-124	7	80°32'53.12279"	21°08'43.43651"	P-174	11	80°39'10.98376"	21°12'20.96001"
P-125	7	80°33'27.61941"	21°08'35.23145"	P-175	11	80°39'11.46596"	21°12'20.67908"
P-126	7	80°33'28.50298"	21°08'34.74194"	P-176	11	80°39'11.46596"	21°12'20.67908"
P-127	8	80°35'48.50343"	21°11'10.79674"	P-177	11	80°39'16.05822"	21°12'18.78158"
P-128	8	80°35'48.50343"	21°11'10.79674"	P-178	11	80°39'22.38143"	21°12'16.14546"
P-129	8	80°35'48.98040"	21°10'51.28923"	P-179	11	80°39'27.64247"	21°12'11.92475"
P-130	8	80°35'49.14017"	21°10'52.87047"	P-180	11	80°39'33.13595"	21°12'08.10043"
P-131	8	80°35'49.19372"	21°10'55.11260"	P-181	11	80°39'33.13595"	21°12'08.10043"

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Point	Patch	Longitud in D:M:S	Latitud in D:M:S	Point	Patch	Longitud in D:M:S	Latitud in D:M:S
P-132	8	80°35'49.24803"	21°11'05.26006"	P-182	11	80°39'33.95860"	21°12'07.83602"
P-133	8	80°35'49.24803"	21°11'05.26006"	P-183	11	80°39'40.53122"	21°12'05.75609"
P-134	8	80°35'49.34359"	21°10'58.77221"	P-184	11	80°39'47.26274"	21°12'05.00652"
P-135	8	80°35'49.42766"	21°11'12.27345"	P-185	11	80°39'54.13303"	21°12'05.90042"
P-136	8	80°35'52.92563"	21°11'17.89083"	P-186	11	80°40'00.94099"	21°12'05.01792"
P-137	8	80°35'52.92563"	21°11'17.89083"	P-187	11	80°40'00.94099"	21°12'05.01792"
P-138	8	80°35'55.00855"	21°11'21.82130"	P-188	11	80°40'04.52353"	21°12'02.61928"
P-139	8	80°35'56.53580"	21°11'28.16623"	P-189	11	80°40'04.52353"	21°12'02.61928"
P-140	8	80°35'56.53580"	21°11'28.16623"	P-190	11	80°40'05.08543"	21°12'02.23488"
P-141	8	80°35'58.72862"	21°11'30.80013"	P-191	11	80°40'05.08543"	21°12'02.23488"
P-142	8	80°36'05.05101"	21°11'33.24587"	P-192	11	80°40'05.71101"	21°12'01.77545"
P-143	8	80°36'09.08191"	21°11'38.18005"	P-193	12	80°40'17.89548"	21°11'53.85370"
P-144	8	80°36'09.08191"	21°11'38.18005"	P-194	12	80°40'19.50960"	21°11'48.73079"
P-145	8	80°36'09.49688"	21°11'39.13034"	P-195	12	80°40'24.18101"	21°11'27.55533"
P-146	9	80°36'49.22237"	21°12'23.41657"	P-196	12	80°40'24.80010"	21°11'30.62972"
P-147	9	80°36'53.20865"	21°12'26.83802"	P-197	12	80°40'25.45276"	21°11'34.82028"
P-148	9	80°36'53.20865"	21°12'26.83802"	P-198	12	80°40'25.75828"	21°11'37.12251"
P-149	9	80°36'54.74758"	21°12'28.53170"	P-199	13	80°41'28.91250"	21°11'44.87763"
P-150	9	80°36'59.11784"	21°12'33.58327"	P-200	13	80°41'29.36151"	21°11'47.13016"
P-201	13	80°41'30.87169"	21°11'25.98043"	P-251	17	80°44'40.18298"	21°10'41.33220"
P-202	13	80°41'35.72980"	21°11'23.94777"	P-252	17	80°44'43.78203"	21°10'46.82783"
P-203	13	80°41'35.93597"	21°11'28.91007"	P-253	17	80°44'46.44592"	21°10'51.22289"
P-204	13	80°41'36.79146"	21°11'25.42414"	P-254	17	80°44'46.44592"	21°10'51.22289"
P-205	13	80°41'37.04479"	21°11'24.87412"	P-255	17	80°44'46.50236"	21°10'51.79848"
P-206	13	80°41'37.19800"	21°11'24.29500"	P-256	17	80°45'12.88508"	21°11'04.90652"
P-207	14	80°41'11.41740"	21°11'27.34379"	P-257	17	80°45'15.92740"	21°11'04.08882"
P-208	14	80°41'11.75020"	21°11'27.46011"	P-258	17	80°45'15.92740"	21°11'04.08882"
P-209	14	80°41'14.80579"	21°11'28.65512"	P-259	17	80°45'19.03099"	21°11'03.05989"

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Point	Patch	Longitud in D:M:S	Latitud in D:M:S	Point	Patch	Longitud in D:M:S	Latitud in D:M:S
P-210	14	80°41'17.16399"	21°11'29.50779"	P-260	17	80°45'24.32553"	21°10'58.92714"
P-211	14	80°41'22.15331"	21°11'29.72027"	P-261	18	80°56'18.68734"	21°28'15.01828"
P-212	15	80°40'24.14594"	21°11'12.36203"	P-262	18	80°56'22.00769"	21°28'09.43598"
P-213	15	80°40'24.39256"	21°11'16.92074"	P-263	18	80°56'22.29020"	21°28'08.52150"
P-214	15	80°40'24.39256"	21°11'16.92074"	P-264	18	80°56'32.32656"	21°28'04.72267"
P-215	15	80°40'24.39727"	21°11'16.54657"	P-265	18	80°56'38.12850"	21°28'01.19111"
P-216	15	80°40'24.39727"	21°11'16.54657"	P-266	18	80°56'44.37384"	21°27'58.55487"
P-217	15	80°40'24.39727"	21°11'16.54657"	P-267	18	80°56'46.01991"	21°27'57.17915"
P-218	15	80°40'24.62052"	21°11'21.48251"	P-268	18	80°56'46.01991"	21°27'57.17915"
P-219	15	80°40'24.62105"	21°11'20.75699"	P-269	18	80°56'51.44419"	21°27'53.27796"
P-220	15	80°40'24.62105"	21°11'20.75699"	P-270	18	80°56'57.98589"	21°27'51.94147"
P-221	15	80°40'24.82237"	21°11'16.54117"	P-271	18	80°57'02.16390"	21°27'49.63084"
P-222	15	80°40'24.82237"	21°11'16.54117"	P-272	19	80°54'56.80310"	21°29'04.03453"
P-223	15	80°40'25.46039"	21°11'16.38343"	P-273	19	80°55'03.02155"	21°29'01.15895"
P-224	15	80°40'28.23200"	21°11'15.63586"	P-274	19	80°55'09.20707"	21°28'58.21364"
P-225	15	80°40'34.83530"	21°11'13.79890"	P-275	19	80°55'21.12909"	21°28'52.84078"
P-226	15	80°40'36.75509"	21°11'13.43199"	P-276	19	80°55'26.31035"	21°28'48.51398"
P-227	15	80°40'58.76814"	21°11'15.80609"	P-277	19	80°55'31.67864"	21°28'44.38312"
P-228	15	80°41'00.31041"	21°11'19.47360"	P-278	19	80°55'35.85289"	21°28'39.38916"
P-229	16	80°42'29.94399"	21°10'25.15779"	P-279	19	80°55'40.59587"	21°28'34.65676"
P-230	16	80°42'30.28952"	21°10'25.68179"	P-280	19	80°55'45.96793"	21°28'30.54036"
P-231	16	80°43'05.08406"	21°10'35.98371"	P-281	19	80°55'46.82702"	21°28'29.70835"
P-232	16	80°43'05.81238"	21°10'36.59656"	P-282	20	80°53'50.10984"	21°29'19.16140"
P-233	16	80°43'25.04547"	21°10'43.10620"	P-283	20	80°53'52.13526"	21°29'18.30403"
P-234	16	80°43'25.30985"	21°10'43.23313"	P-284	20	80°53'52.58496"	21°29'18.29986"
P-235	16	80°43'30.74142"	21°10'44.90395"	P-285	20	80°53'57.27371"	21°29'18.18465"
P-236	16	80°43'30.74142"	21°10'44.90395"	P-286	20	80°53'57.91308"	21°29'18.27665"
P-237	16	80°43'30.80754"	21°10'44.91815"	P-287	20	80°54'02.10931"	21°29'18.43450"

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Point	Patch	Longitud in D:M:S	Latitud in D:M:S	Point	Patch	Longitud in D:M:S	Latitud in D:M:S
P-238	16	80°43'36.92356"	21°10'47.85981"	P-288	20	80°54'10.33376"	21°29'22.23402"
P-239	16	80°43'37.41567"	21°10'48.11870"	P-289	20	80°54'15.22210"	21°29'20.28113"
P-240	16	80°43'43.95350"	21°10'50.26301"	P-290	20	80°54'21.25512"	21°29'19.37101"
P-241	16	80°43'49.49112"	21°10'53.58797"	P-291	20	80°54'24.03904"	21°29'13.62000"
P-242	16	80°43'52.32590"	21°10'59.52494"	P-292	20	80°54'27.03665"	21°29'08.12359"
P-243	16	80°44'34.14946"	21°12'53.59509"	P-293	20	80°54'29.07611"	21°29'02.61356"
P-244	16	80°44'35.79894"	21°12'48.73614"	P-294	20	80°54'34.10875"	21°28'59.96222"
P-245	17	80°44'38.47999"	21°10'37.78041"	P-295	20	80°54'40.12885"	21°29'00.72598"
P-246	17	80°44'39.96407"	21°10'40.75713"	P-296	21	80°52'53.55869"	21°30'09.89887"
P-247	17	80°44'39.96407"	21°10'40.75713"	P-297	21	80°52'55.71663"	21°30'15.67738"
P-248	17	80°44'40.06868"	21°10'41.01547"	P-298	21	80°52'57.08260"	21°30'04.87668"
P-249	17	80°44'40.06868"	21°10'41.01547"	P-299	21	80°53'03.49164"	21°30'03.19401"
P-250	17	80°44'40.18298"	21°10'41.33220"	P-300	21	80°53'08.81955"	21°30'02.63796"
P-301	21	80°53'12.97012"	21°29'57.42241"	P-351	24	80°52'06.53062"	21°30'55.59129"
P-302	21	80°53'16.80657"	21°29'52.00512"	P-352	24	80°52'12.97886"	21°30'57.86513"
P-303	21	80°53'17.43298"	21°29'51.06763"	P-353	24	80°52'19.85624"	21°30'57.34401"
P-304	21	80°53'17.43298"	21°29'51.06763"	P-354	24	80°52'25.65978"	21°30'54.57450"
P-305	21	80°53'21.13468"	21°29'45.65313"	P-355	24	80°52'32.12560"	21°30'52.31762"
P-306	21	80°53'26.18320"	21°29'43.44201"	P-356	24	80°52'32.56837"	21°30'51.96412"
P-307	22	80°52'45.88256"	21°30'28.98806"	P-357	25	80°48'41.82100"	21°31'02.92679"
P-308	22	80°52'51.99840"	21°30'26.14351"	P-358	25	80°48'47.29045"	21°31'04.79883"
P-309	22	80°52'57.14421"	21°30'24.07461"	P-359	25	80°48'51.09130"	21°31'09.82215"
P-310	23	80°52'32.79991"	21°30'51.73833"	P-360	25	80°48'53.48952"	21°31'13.12108"
P-311	23	80°52'37.94224"	21°30'43.79111"	P-361	25	80°48'53.48952"	21°31'13.12108"
P-312	23	80°52'40.15903"	21°30'37.95132"	P-362	25	80°48'55.01079"	21°31'13.71617"
P-313	23	80°52'41.89971"	21°30'31.93658"	P-363	25	80°48'55.01079"	21°31'13.71617"
P-314	23	80°52'42.06978"	21°30'31.45748"	P-364	25	80°48'58.43372"	21°31'08.35978"
P-315	24	80°50'04.33653"	21°30'21.34071"	P-365	25	80°48'59.28826"	21°31'04.38223"

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Point	Patch	Longitud in D:M:S	Latitud in D:M:S	Point	Patch	Longitud in D:M:S	Latitud in D:M:S
P-316	24	80°50'11.11234"	21°30'20.42725"	P-366	25	80°48'59.28826"	21°31'04.38223"
P-317	24	80°50'12.80700"	21°30'20.86829"	P-367	25	80°49'01.16569"	21°30'22.09079"
P-318	24	80°50'12.80700"	21°30'20.86829"	P-368	25	80°49'01.17822"	21°30'58.13768"
P-319	24	80°50'19.16716"	21°30'19.55439"	P-369	25	80°49'01.83754"	21°30'15.65944"
P-320	24	80°50'21.62569"	21°30'19.14609"	P-370	25	80°49'02.54660"	21°30'28.43640"
P-321	24	80°50'25.10666"	21°30'18.23171"	P-371	25	80°49'04.16317"	21°30'34.67705"
P-322	24	80°50'26.17792"	21°30'19.19078"	P-372	25	80°49'04.23863"	21°30'53.72190"
P-323	24	80°50'26.17792"	21°30'19.19078"	P-373	25	80°49'04.23863"	21°30'53.72190"
P-324	24	80°50'26.75208"	21°30'24.96720"	P-374	25	80°49'04.75610"	21°30'09.88136"
P-325	24	80°50'29.95735"	21°30'28.31342"	P-375	25	80°49'05.43232"	21°30'40.94049"
P-326	24	80°50'32.25692"	21°30'29.90566"	P-376	25	80°49'05.49254"	21°30'47.33774"
P-327	24	80°50'38.84484"	21°30'31.68091"	P-377	25	80°49'11.32959"	21°30'08.37103"
P-328	24	80°50'42.96059"	21°30'36.90579"	P-378	25	80°49'12.49350"	21°30'08.61290"
P-329	24	80°50'47.54108"	21°30'41.72627"	P-379	25	80°49'12.49350"	21°30'08.61290"
P-330	24	80°50'53.12306"	21°30'44.03739"	P-380	25	80°49'17.99865"	21°30'06.19068"
P-331	24	80°50'57.14878"	21°30'38.74974"	P-381	25	80°49'23.03900"	21°30'03.67166"
P-332	24	80°50'58.14378"	21°30'36.18948"	P-382	25	80°49'28.91509"	21°30'06.96115"
P-333	24	80°50'58.14378"	21°30'36.18948"	P-383	25	80°49'32.68079"	21°30'08.44147"
P-334	24	80°51'03.04118"	21°30'35.22401"	P-384	26	80°48'22.61102"	21°31'13.69946"
P-335	24	80°51'08.94732"	21°30'37.41683"	P-385	26	80°48'26.25152"	21°31'16.07936"
P-336	24	80°51'13.44948"	21°30'42.27868"	P-386	26	80°48'26.25152"	21°31'16.07936"
P-337	24	80°51'18.64191"	21°30'46.01204"	P-387	26	80°48'32.31277"	21°31'19.19169"
P-338	24	80°51'18.64191"	21°30'46.01204"	P-388	26	80°48'32.68374"	21°31'19.63068"
P-339	24	80°51'21.45322"	21°30'46.23849"	P-389	26	80°48'37.72486"	21°31'18.74795"
P-340	24	80°51'21.45322"	21°30'46.23849"	P-390	26	80°48'38.02724"	21°31'18.38825"
P-341	24	80°51'27.21597"	21°30'43.60771"	P-391	27	80°47'11.59113"	21°31'40.61155"
P-342	24	80°51'33.76946"	21°30'42.03558"	P-392	27	80°47'14.59070"	21°31'36.53426"
P-343	24	80°51'40.39705"	21°30'40.80868"	P-393	27	80°47'15.65905"	21°31'45.42307"

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Point	Patch	Longitud in D:M:S	Latitud in D:M:S	Point	Patch	Longitud in D:M:S	Latitud in D:M:S
P-344	24	80°51'45.97390"	21°30'43.10992"	P-394	27	80°47'16.21123"	21°31'57.59836"
P-345	24	80°51'50.02913"	21°30'43.65662"	P-395	27	80°47'16.30621"	21°32'03.97876"
P-346	24	80°51'50.02913"	21°30'43.65662"	P-396	27	80°47'17.68580"	21°31'51.34002"
P-347	24	80°51'55.69672"	21°30'47.40804"	P-397	27	80°47'17.76723"	21°32'10.30523"
P-348	24	80°51'55.73069"	21°30'47.43992"	P-398	27	80°47'18.70478"	21°31'31.48163"
P-349	24	80°51'55.73069"	21°30'47.43992"	P-399	27	80°47'19.36811"	21°32'16.58481"
P-350	24	80°52'00.98513"	21°30'51.68057"	P-400	27	80°47'19.37475"	21°32'16.60745"
P-401	27	80°47'20.14921"	21°32'28.91039"	P-451	30	80°48'28.58709"	21°35'44.96118"
P-402	27	80°47'20.14921"	21°32'28.91039"	P-452	30	80°48'33.30180"	21°35'40.18143"
P-403	27	80°47'20.69461"	21°32'22.44647"	P-453	30	80°48'34.14378"	21°35'39.29800"
P-404	27	80°47'22.25523"	21°31'26.88957"	P-454	31	80°48'04.83850"	21°36'02.16338"
P-405	27	80°47'22.42350"	21°32'52.68176"	P-455	31	80°48'05.96472"	21°36'03.04124"
P-406	27	80°47'28.92575"	21°31'28.05171"	P-456	31	80°48'19.47516"	21°36'12.69429"
P-407	27	80°47'40.38633"	21°31'30.12743"	P-457	31	80°48'22.02041"	21°36'13.56115"
P-408	27	80°47'40.43655"	21°31'30.12296"	P-458	31	80°48'27.58123"	21°36'13.98761"
P-409	27	80°47'41.12230"	21°31'30.07425"	P-459	31	80°48'34.31648"	21°36'13.34859"
P-410	27	80°47'47.29538"	21°31'32.07957"	P-460	31	80°48'41.21318"	21°36'12.57845"
P-411	27	80°47'48.68097"	21°31'26.58789"	P-461	31	80°48'47.99985"	21°36'11.19940"
P-412	27	80°47'53.79618"	21°31'22.34650"	P-462	32	80°49'24.21625"	21°36'41.95738"
P-413	27	80°47'55.66552"	21°31'06.21386"	P-463	32	80°49'28.30272"	21°36'46.19052"
P-414	27	80°47'55.72481"	21°31'05.26074"	P-464	32	80°49'35.11013"	21°36'47.50099"
P-415	27	80°47'56.01053"	21°31'06.28687"	P-465	32	80°49'40.51792"	21°36'51.12793"
P-416	27	80°47'57.00313"	21°31'04.94617"	P-466	32	80°49'44.88770"	21°36'56.16364"
P-417	27	80°47'57.24597"	21°31'16.97364"	P-467	32	80°49'50.09576"	21°37'00.43335"
P-418	27	80°47'59.13818"	21°31'11.38705"	P-468	32	80°49'55.70508"	21°37'04.16776"
P-419	27	80°48'02.52160"	21°31'07.86147"	P-469	32	80°49'55.70508"	21°37'04.16776"
P-420	27	80°48'08.35606"	21°31'11.25311"	P-470	32	80°49'56.10900"	21°37'04.78954"
P-421	27	80°48'09.48342"	21°31'11.60193"	P-471	33	80°49'53.37396"	21°38'25.97123"

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Point	Patch	Longitud in D:M:S	Latitud in D:M:S	Point	Patch	Longitud in D:M:S	Latitud in D:M:S
P-422	28	80°47'22.42350"	21°32'52.68176"	P-472	33	80°49'53.37396"	21°38'25.97123"
P-423	28	80°47'22.42350"	21°32'52.68176"	P-473	33	80°49'53.57814"	21°38'19.75496"
P-424	28	80°47'25.73459"	21°32'58.34550"	P-474	33	80°49'53.93534"	21°38'18.82221"
P-425	28	80°47'28.29840"	21°33'04.30737"	P-475	33	80°49'53.93534"	21°38'18.82221"
P-426	28	80°47'31.35303"	21°33'10.13837"	P-476	33	80°49'56.54308"	21°38'36.47920"
P-427	28	80°47'31.36324"	21°33'16.42986"	P-477	33	80°49'56.59153"	21°38'42.90596"
P-428	28	80°47'32.68208"	21°33'22.75250"	P-478	33	80°49'56.90278"	21°38'30.38065"
P-429	28	80°47'35.81046"	21°33'28.45841"	P-479	33	80°49'56.94893"	21°38'12.97554"
P-430	28	80°47'39.27486"	21°33'33.87629"	P-480	33	80°49'58.66929"	21°38'06.68601"
P-431	28	80°47'41.40390"	21°33'39.92497"	P-481	33	80°49'59.84550"	21°38'00.28362"
P-432	28	80°47'41.62837"	21°33'52.63126"	P-482	33	80°50'00.27320"	21°38'47.98024"
P-433	28	80°47'41.62837"	21°33'52.63126"	P-483	33	80°50'02.17772"	21°37'56.30518"
P-434	28	80°47'41.72274"	21°33'53.92325"	P-484	33	80°50'03.58267"	21°38'53.52755"
P-435	28	80°47'42.72766"	21°33'46.28818"	P-485	33	80°50'08.05596"	21°39'28.86434"
P-436	28	80°47'43.86861"	21°34'00.06020"	P-486	33	80°50'08.05596"	21°39'28.86434"
P-437	28	80°47'47.46950"	21°34'05.62287"	P-487	33	80°50'08.84088"	21°39'30.12738"
P-438	28	80°47'50.77338"	21°34'11.34424"	P-488	33	80°50'08.84088"	21°39'30.12738"
P-439	28	80°47'53.82535"	21°34'17.18513"	P-489	33	80°50'09.83131"	21°38'56.33435"
P-440	29	80°48'27.43095"	21°35'00.05638"	P-490	33	80°50'10.41661"	21°39'23.23195"
P-441	29	80°48'31.00496"	21°35'02.98457"	P-491	33	80°50'11.25232"	21°39'32.77841"
P-442	29	80°48'37.71561"	21°35'04.35651"	P-492	33	80°50'12.73848"	21°39'01.89260"
P-443	29	80°48'43.66767"	21°35'07.61698"	P-493	33	80°50'16.41965"	21°39'07.40870"
P-444	29	80°48'48.77595"	21°35'11.94890"	P-494	33	80°50'17.09105"	21°39'21.86488"
P-445	29	80°48'54.72049"	21°35'15.20692"	P-495	33	80°50'19.97502"	21°39'12.96714"
P-446	29	80°48'58.40272"	21°35'20.15250"	P-496	33	80°50'19.97502"	21°39'12.96714"
P-447	30	80°48'15.48527"	21°35'57.67812"	P-497	33	80°50'20.61594"	21°39'16.47152"
P-448	30	80°48'20.88281"	21°35'53.58694"	P-498	34	80°50'02.28284"	21°39'51.90511"
P-449	30	80°48'24.12176"	21°35'49.94637"	P-499	34	80°50'05.95059"	21°39'46.43203"

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Point	Patch	Longitud in D:M:S	Latitud in D:M:S	Point	Patch	Longitud in D:M:S	Latitud in D:M:S
P-450	30	80°48'24.12176"	21°35'49.94637"	P-500	34	80°50'08.39160"	21°39'43.28352"
P-501	35	80°49'59.19654"	21°40'05.64071"	P-551	38	80°50'54.26394"	21°47'54.41368"
P-502	35	80°49'59.19654"	21°40'05.64071"	P-552	38	80°50'55.48201"	21°48'13.19630"
P-503	35	80°49'59.25936"	21°40'07.51429"	P-553	38	80°50'57.21206"	21°47'48.52229"
P-504	35	80°49'59.45471"	21°40'28.92944"	P-554	38	80°50'58.64400"	21°48'18.99130"
P-505	35	80°49'59.61576"	21°40'01.96531"	P-555	38	80°51'01.24808"	21°48'29.42064"
P-506	35	80°50'00.47191"	21°40'34.78242"	P-556	38	80°51'01.24808"	21°48'29.42064"
P-507	35	80°50'01.71148"	21°40'13.43925"	P-557	38	80°51'01.51221"	21°48'24.91853"
P-508	35	80°50'01.71148"	21°40'13.43925"	P-558	38	80°51'04.41127"	21°48'28.12274"
P-509	35	80°50'02.93435"	21°40'40.72514"	P-559	39	80°51'13.45192"	21°48'51.86607"
P-510	35	80°50'03.32877"	21°40'16.83485"	P-560	39	80°51'13.73181"	21°48'50.83923"
P-511	35	80°50'03.32878"	21°40'16.83485"	P-561	39	80°51'13.73181"	21°48'50.83923"
P-512	35	80°50'03.38726"	21°40'17.48126"	P-562	39	80°51'14.78284"	21°48'46.98252"
P-513	35	80°50'03.79944"	21°40'23.93733"	P-563	39	80°51'16.50179"	21°48'40.67902"
P-514	35	80°50'04.00024"	21°40'56.53232"	P-564	39	80°51'18.14214"	21°48'34.37247"
P-515	35	80°50'04.25221"	21°41'02.96316"	P-565	40	80°51'15.51646"	21°49'10.22188"
P-516	35	80°50'04.25221"	21°41'02.96316"	P-566	40	80°51'18.14430"	21°49'04.93858"
P-517	35	80°50'04.41775"	21°41'03.22991"	P-567	40	80°51'23.88637"	21°49'01.34353"
P-518	35	80°50'04.41775"	21°41'03.22991"	P-568	40	80°51'30.46358"	21°48'59.60406"
P-519	35	80°50'04.71186"	21°40'46.97383"	P-569	40	80°51'36.92095"	21°49'01.52894"
P-520	35	80°50'04.71186"	21°40'46.97383"	P-570	40	80°51'42.80162"	21°49'03.34126"
P-521	35	80°50'06.38292"	21°41'06.20816"	P-571	40	80°51'49.53302"	21°49'01.66762"
P-522	35	80°50'06.51891"	21°40'50.68596"	P-572	40	80°51'56.41694"	21°49'01.04212"
P-523	35	80°50'08.67854"	21°41'12.30699"	P-573	40	80°52'00.59597"	21°49'01.23100"
P-524	35	80°50'10.22308"	21°41'18.60056"	P-574	41	80°52'17.88645"	21°49'03.57855"
P-525	35	80°50'11.40201"	21°41'24.96998"	P-575	41	80°52'19.13379"	21°49'05.58539"
P-526	35	80°50'12.15243"	21°41'50.17141"	P-576	41	80°52'34.14343"	21°49'15.98548"
P-527	35	80°50'12.26646"	21°41'56.66971"	P-577	41	80°52'41.05304"	21°49'15.33440"

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Point	Patch	Longitud in D:M:S	Latitud in D:M:S	Point	Patch	Longitud in D:M:S	Latitud in D:M:S
P-528	35	80°50'12.53688"	21°41'43.70391"	P-578	41	80°52'47.85132"	21°49'16.61513"
P-529	35	80°50'13.14390"	21°41'31.26590"	P-579	41	80°52'54.69549"	21°49'17.74556"
P-530	35	80°50'14.06471"	21°41'37.71087"	P-580	41	80°53'01.63221"	21°49'18.17332"
P-531	36	80°49'07.18561"	21°43'14.92802"	P-581	42	80°53'37.81299"	21°49'12.63012"
P-532	36	80°49'13.79146"	21°43'15.36255"	P-582	42	80°53'44.00869"	21°49'15.33107"
P-533	36	80°49'24.22314"	21°43'12.58931"	P-583	42	80°53'50.85929"	21°49'16.17980"
P-534	36	80°49'27.91035"	21°43'12.32723"	P-584	42	80°53'57.60835"	21°49'17.74728"
P-535	37	80°50'21.47043"	21°46'17.15992"	P-585	42	80°54'02.57234"	21°49'17.19616"
P-536	37	80°50'23.09291"	21°46'20.77898"	P-586	42	80°54'03.23625"	21°49'16.88249"
P-537	37	80°50'26.75556"	21°46'26.30980"	P-587	42	80°54'03.78440"	21°49'16.63682"
P-538	37	80°50'29.57081"	21°46'31.84886"	P-588	42	80°54'03.78440"	21°49'16.63682"
P-539	37	80°50'29.76320"	21°46'32.17639"	P-589	42	80°54'08.42350"	21°49'13.53095"
P-540	37	80°50'30.50570"	21°46'31.79090"	P-590	43	80°52'14.05951"	21°46'13.50252"
P-541	37	80°50'30.50570"	21°46'31.79090"	P-591	43	80°52'14.52271"	21°46'12.32096"
P-542	37	80°50'30.50570"	21°46'31.79090"	P-592	43	80°52'16.83171"	21°46'06.18994"
P-543	37	80°50'30.50570"	21°46'31.79090"	P-593	43	80°52'18.99567"	21°46'00.08613"
P-544	37	80°50'32.56186"	21°46'34.99808"	P-594	43	80°52'23.74558"	21°45'55.33227"
P-545	37	80°50'36.53264"	21°46'40.34100"	P-595	43	80°52'29.16711"	21°45'51.43078"
P-546	37	80°50'40.48922"	21°46'45.69240"	P-596	43	80°52'35.87757"	21°45'49.95987"
P-547	38	80°50'51.34469"	21°48'04.11356"	P-597	43	80°52'41.15583"	21°45'46.80885"
P-548	38	80°50'52.40722"	21°47'58.04496"	P-598	43	80°52'44.27608"	21°45'41.02316"
P-549	38	80°50'52.51999"	21°48'07.32379"	P-599	44	80°51'40.04776"	21°45'16.36941"
P-550	38	80°50'54.24603"	21°47'54.44858"	P-600	44	80°51'41.57032"	21°45'10.02322"
P-601	44	80°51'43.75141"	21°45'03.86019"	P-651	46	80°54'13.18533"	21°44'42.40764"
P-602	44	80°51'44.86283"	21°44'57.44851"	P-652	46	80°54'14.98200"	21°44'42.69885"
P-603	44	80°51'49.02037"	21°44'52.48075"	P-653	46	80°54'21.60782"	21°44'44.59054"
P-604	44	80°51'50.84189"	21°44'42.61150"	P-654	46	80°54'28.56358"	21°44'44.86205"
P-605	44	80°51'50.91068"	21°44'36.37320"	P-655	46	80°54'35.49939"	21°44'45.40913"

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Point	Patch	Longitud in D:M:S	Latitud in D:M:S	Point	Patch	Longitud in D:M:S	Latitud in D:M:S
P-606	44	80°51'54.06199"	21°44'48.29782"	P-656	46	80°54'41.82869"	21°44'47.85757"
P-607	44	80°51'54.06199"	21°44'48.29782"	P-657	46	80°54'48.23344"	21°44'47.53928"
P-608	44	80°51'54.99397"	21°44'31.40790"	P-658	46	80°54'55.15929"	21°44'48.18375"
P-609	44	80°52'01.76695"	21°44'29.97911"	P-659	46	80°55'02.06702"	21°44'48.27583"
P-610	44	80°52'04.94837"	21°44'24.83934"	P-660	46	80°55'02.06702"	21°44'48.27583"
P-611	44	80°52'05.80232"	21°44'19.31207"	P-661	46	80°55'07.54452"	21°44'46.53757"
P-612	44	80°52'05.80447"	21°44'20.14271"	P-662	46	80°55'07.54452"	21°44'46.53757"
P-613	44	80°52'06.26054"	21°44'12.84915"	P-663	46	80°55'08.64051"	21°44'43.56457"
P-614	44	80°52'06.57734"	21°43'59.99297"	P-664	46	80°55'08.64051"	21°44'43.56457"
P-615	44	80°52'07.99657"	21°44'03.60942"	P-665	46	80°55'12.16080"	21°44'39.42292"
P-616	44	80°52'07.99657"	21°44'03.60942"	P-666	46	80°55'14.77927"	21°44'34.24589"
P-617	44	80°52'10.51282"	21°44'08.11742"	P-667	46	80°55'20.81968"	21°44'32.26493"
P-618	45	80°51'44.06553"	21°43'57.31864"	P-668	46	80°55'25.09341"	21°44'27.72198"
P-619	45	80°51'49.45931"	21°43'57.23984"	P-669	46	80°55'26.71825"	21°44'21.42963"
P-620	45	80°51'56.41728"	21°43'57.20866"	P-670	46	80°55'28.10225"	21°44'07.96399"
P-621	46	80°52'52.86345"	21°45'27.26638"	P-671	46	80°55'30.67613"	21°43'54.97920"
P-622	46	80°52'56.49909"	21°45'24.98920"	P-672	46	80°55'31.87036"	21°44'18.13346"
P-623	46	80°52'56.91495"	21°45'01.70561"	P-673	46	80°55'32.32129"	21°44'02.96181"
P-624	46	80°52'57.77433"	21°45'07.58325"	P-674	46	80°55'32.85214"	21°44'11.81296"
P-625	46	80°52'59.45322"	21°44'59.16803"	P-675	46	80°55'35.92629"	21°43'58.66126"
P-626	46	80°53'02.05535"	21°45'21.07721"	P-676	46	80°55'35.92869"	21°43'53.55815"
P-627	46	80°53'03.33094"	21°45'10.61607"	P-677	46	80°55'36.94566"	21°43'59.39828"
P-628	46	80°53'05.53989"	21°44'57.01454"	P-678	46	80°55'39.48260"	21°43'47.27323"
P-629	46	80°53'06.42193"	21°45'16.13367"	P-679	46	80°55'40.02621"	21°43'52.57888"
P-630	46	80°53'06.42193"	21°45'16.13367"	P-680	46	80°55'40.03474"	21°44'02.28687"
P-631	46	80°53'06.52872"	21°45'15.74278"	P-681	46	80°55'40.86253"	21°43'50.10703"
P-632	46	80°53'11.53470"	21°44'53.81463"	P-682	46	80°55'41.18822"	21°43'56.73014"
P-633	46	80°53'11.53470"	21°44'53.81463"	P-683	46	80°55'42.13499"	21°44'06.66922"

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Point	Patch	Longitud in D:M:S	Latitud in D:M:S	Point	Patch	Longitud in D:M:S	Latitud in D:M:S
P-634	46	80°53'14.80916"	21°44'51.89321"	P-684	46	80°55'42.28969"	21°43'51.16701"
P-635	46	80°53'14.80916"	21°44'51.89321"	P-685	46	80°55'44.28196"	21°44'03.82882"
P-636	46	80°53'16.30052"	21°44'55.84128"	P-686	46	80°55'47.20232"	21°43'58.23060"
P-637	46	80°53'20.41337"	21°45'00.54457"	P-687	46	80°55'47.20232"	21°43'58.23060"
P-638	46	80°53'26.97908"	21°45'01.35615"	P-688	46	80°55'47.85802"	21°43'57.14916"
P-639	46	80°53'33.09287"	21°45'03.25373"	P-689	46	80°55'48.61764"	21°43'54.69912"
P-640	46	80°53'39.38659"	21°45'00.57379"	P-690	46	80°55'48.61850"	21°43'50.85942"
P-641	46	80°53'43.78246"	21°44'55.69196"	P-691	46	80°55'48.87785"	21°43'45.44781"
P-642	46	80°53'48.11282"	21°44'55.43224"	P-692	46	80°55'50.07579"	21°43'40.19949"
P-643	46	80°53'54.07661"	21°44'53.82968"	P-693	46	80°55'50.21734"	21°43'38.98300"
P-644	46	80°53'54.07661"	21°44'53.82968"	P-694	46	80°55'52.29760"	21°43'32.89806"
P-645	46	80°53'55.43319"	21°44'52.31708"	P-695	46	80°55'54.53574"	21°43'26.85457"
P-646	46	80°54'01.11669"	21°44'48.58042"	P-696	46	80°56'00.75925"	21°43'26.14585"
P-647	46	80°54'07.42731"	21°44'46.67727"	P-697	46	80°56'06.94441"	21°43'23.34835"
P-648	46	80°54'07.42731"	21°44'46.67727"	P-698	46	80°56'11.56979"	21°43'19.77145"
P-649	46	80°54'08.53649"	21°44'46.95869"	P-699	46	80°56'11.58135"	21°43'20.25407"
P-650	46	80°54'12.39906"	21°44'45.08254"	P-700	46	80°56'11.58135"	21°43'20.25407"
P-701	46	80°56'15.73832"	21°43'15.22870"	P-751	49	81°01'54.92084"	21°38'15.36775"
P-702	46	80°56'15.73832"	21°43'15.22870"	P-752	49	81°01'54.92084"	21°38'15.36775"
P-703	46	80°56'16.83017"	21°43'14.77662"	P-753	49	81°01'54.92084"	21°38'15.36775"
P-704	46	80°56'21.98156"	21°43'12.67915"	P-754	49	81°01'54.92084"	21°38'15.36775"
P-705	46	80°56'25.02391"	21°43'11.38828"	P-755	49	81°01'55.00746"	21°38'14.06779"
P-706	46	80°56'31.51314"	21°43'09.07250"	P-756	49	81°01'55.04235"	21°38'15.35099"
P-707	46	80°56'31.51314"	21°43'09.07250"	P-757	49	81°02'01.78445"	21°38'13.74666"
P-708	46	80°56'33.91125"	21°43'08.55505"	P-758	49	81°02'08.53153"	21°38'12.16072"
P-709	46	80°56'40.24552"	21°43'05.92054"	P-759	49	81°02'15.27892"	21°38'10.57380"
P-710	47	80°57'36.30732"	21°41'44.85959"	P-760	49	81°02'22.05092"	21°38'09.08516"
P-711	47	80°57'38.92678"	21°41'50.65464"	P-761	49	81°02'28.85552"	21°38'07.72942"

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Point	Patch	Longitud in D:M:S	Latitud in D:M:S	Point	Patch	Longitud in D:M:S	Latitud in D:M:S
P-712	47	80°57'40.14859"	21°41'28.79512"	P-762	49	81°02'35.67332"	21°38'06.43273"
P-713	47	80°57'40.87458"	21°41'56.84843"	P-763	49	81°02'41.83840"	21°38'03.53072"
P-714	47	80°57'41.02437"	21°41'57.51862"	P-764	50	81°01'46.83898"	21°34'16.62332"
P-715	47	80°57'41.25782"	21°41'27.30266"	P-765	50	81°01'46.85248"	21°34'16.61198"
P-716	47	80°57'45.93921"	21°41'22.50417"	P-766	50	81°01'47.17651"	21°34'16.33980"
P-717	47	80°57'52.17018"	21°41'21.23739"	P-767	50	81°01'49.97548"	21°34'17.87098"
P-718	47	80°57'56.09611"	21°41'16.24371"	P-768	50	81°01'50.14644"	21°34'19.58018"
P-719	47	80°58'00.87179"	21°41'11.55238"	P-769	50	81°01'50.14644"	21°34'19.58018"
P-720	48	80°59'47.55167"	21°39'14.94199"	P-770	50	81°01'50.48867"	21°34'33.83602"
P-721	48	80°59'51.75484"	21°39'13.10095"	P-771	50	81°01'50.51145"	21°34'31.10627"
P-722	48	80°59'57.50699"	21°39'09.50980"	P-772	50	81°01'50.61422"	21°34'37.60772"
P-723	48	81°00'04.38500"	21°39'09.72880"	P-773	50	81°01'50.87639"	21°34'27.34615"
P-724	48	81°00'11.24727"	21°39'10.79311"	P-774	50	81°01'50.91287"	21°34'40.35010"
P-725	48	81°00'11.24727"	21°39'10.79311"	P-775	50	81°01'50.91287"	21°34'40.35010"
P-726	48	81°00'12.29901"	21°39'10.94998"	P-776	50	81°01'50.92323"	21°34'34.42019"
P-727	48	81°00'16.82606"	21°39'11.57807"	P-777	50	81°01'50.92710"	21°34'40.32396"
P-728	48	81°00'23.75328"	21°39'11.56468"	P-778	50	81°01'51.09458"	21°34'24.62433"
P-729	48	81°00'30.59631"	21°39'10.48254"	P-779	50	81°01'51.23632"	21°34'27.92800"
P-730	48	81°00'50.25817"	21°38'58.87881"	P-780	50	81°01'51.41998"	21°34'40.90417"
P-731	48	81°00'50.33929"	21°38'58.79059"	P-781	50	81°01'51.44538"	21°34'20.86275"
P-732	48	81°00'56.14265"	21°38'58.65932"	P-782	50	81°01'51.62120"	21°34'23.60510"
P-733	48	81°01'02.30077"	21°39'01.43905"	P-783	50	81°01'51.62120"	21°34'23.60510"
P-734	48	81°01'04.55129"	21°39'04.60317"	P-784	50	81°01'51.96354"	21°34'45.66895"
P-735	48	81°01'06.07909"	21°39'08.34625"	P-785	50	81°01'51.96354"	21°34'45.66895"
P-736	48	81°01'06.94820"	21°39'13.01548"	P-786	50	81°01'52.16215"	21°34'46.74089"
P-737	48	81°01'08.47686"	21°39'12.89105"	P-787	50	81°01'52.64103"	21°34'47.30205"
P-738	48	81°01'10.02926"	21°39'06.78049"	P-788	50	81°01'52.64712"	21°34'52.13489"
P-739	48	81°01'10.02926"	21°39'06.78049"	P-789	50	81°01'52.82100"	21°34'53.21211"

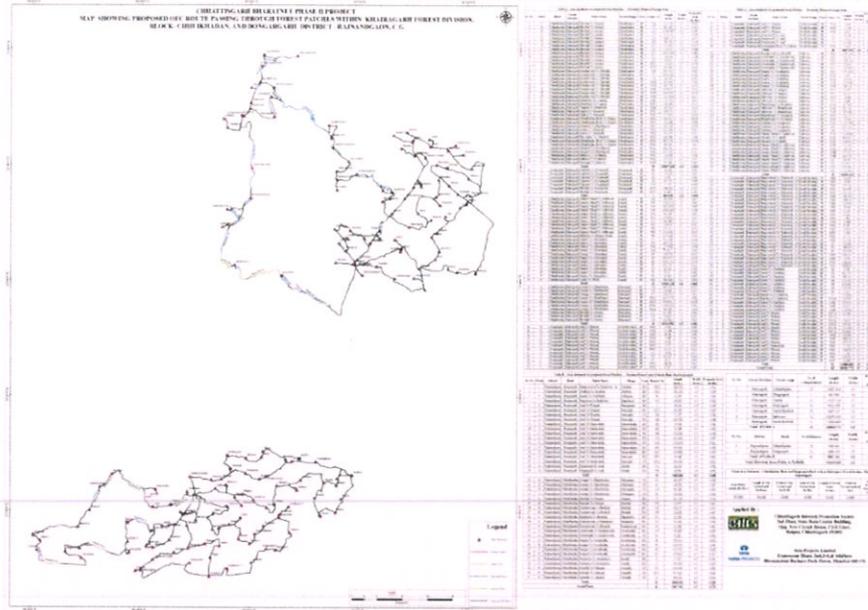
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Point	Patch	Longitud in D:M:S	Latitud in D:M:S	Point	Patch	Longitud in D:M:S	Latitud in D:M:S
P-740	48	81°01'10.37672"	21°39'04.83496"	P-790	50	81°01'53.03416"	21°34'54.07979"
P-741	48	81°01'11.89565"	21°38'58.57421"	P-791	50	81°01'53.04869"	21°34'54.06697"
P-742	48	81°01'14.24029"	21°38'52.44983"	P-792	50	81°01'53.39727"	21°34'53.75936"
P-743	48	81°01'14.24029"	21°38'52.44983"	P-793	50	81°02'06.06634"	21°35'05.69566"
P-744	48	81°01'14.63840"	21°38'51.44389"	P-794	50	81°02'06.07201"	21°35'05.68025"
P-745	49	81°01'41.86943"	21°38'25.49619"	P-795	50	81°02'06.20791"	21°35'05.31055"
P-746	49	81°01'43.55090"	21°38'24.32779"	P-796	50	81°02'10.15399"	21°35'06.34660"
P-747	49	81°01'43.55090"	21°38'24.32779"	P-797	50	81°02'12.76420"	21°35'07.44902"
P-748	49	81°01'44.53188"	21°38'23.61537"	P-798	50	81°02'12.76987"	21°35'07.43360"
P-749	49	81°01'49.32190"	21°38'18.91714"	P-799	50	81°02'16.86236"	21°35'08.06421"
P-750	49	81°01'54.62409"	21°38'14.17300"	P-800	50	81°02'19.47727"	21°35'09.14942"
P-801	50	81°02'19.48293"	21°35'09.13404"	P-811	50	81°02'34.87392"	21°35'38.21621"
P-802	50	81°02'23.42302"	21°35'10.16648"	P-812	50	81°05'27.17517"	21°42'15.58283"
P-803	50	81°02'23.42302"	21°35'10.16648"	P-813	50	81°05'33.38517"	21°42'13.59623"
P-804	50	81°02'25.48227"	21°35'11.32616"	P-814	51	80°59'04.56476"	21°34'32.59882"
P-805	50	81°02'25.70137"	21°35'11.96795"	P-815	51	80°59'05.15194"	21°34'31.88324"
P-806	50	81°02'25.70746"	21°35'11.95189"	P-816	51	80°59'08.81497"	21°34'26.35874"
P-807	50	81°02'29.36142"	21°35'16.89177"	P-817	51	80°59'08.81497"	21°34'26.35874"
P-808	50	81°02'29.37126"	21°35'16.87542"	P-818	51	80°59'10.50019"	21°34'23.14829"
P-809	50	81°02'29.60546"	21°35'16.48636"	P-819	51	80°59'44.68845"	21°33'59.84014"
P-810	50	81°02'30.88692"	21°35'39.43994"	P-820	51	80°59'46.71302"	21°33'57.76740"



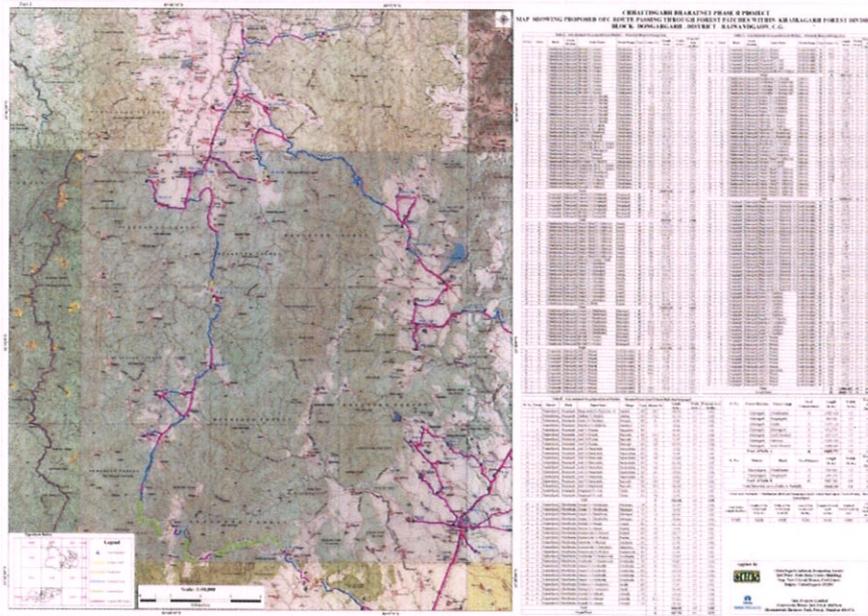

5.3. Geo-Referenced Maps of the Proposed Route (Annexure-3)

5.3.1. Map showing Geo-reference map of proposed OFC Route

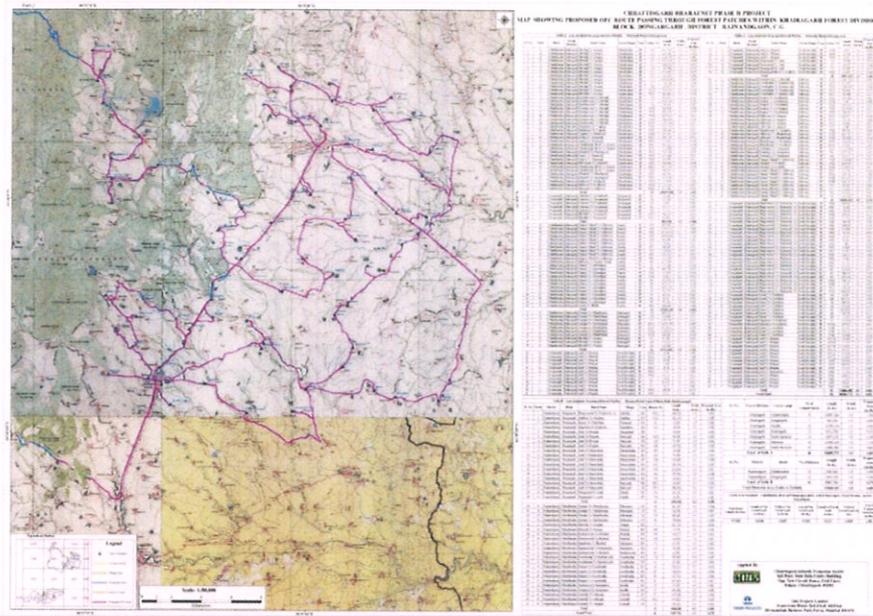


Geo-Referenced Maps of Forest Patched with in Khairagarh Forest Division

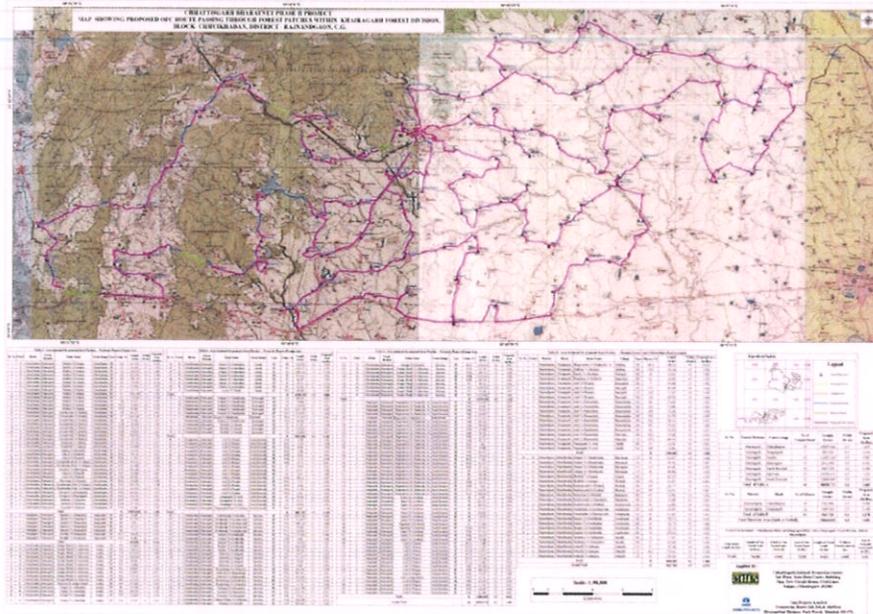
5.3.2. Map showing proposed OFC Route on Toposheet map on 1:50,000 scale.



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Geo-Referenced Toposheet Map of Forest Patched of Chuikhadanr Block (Part 1 and Part 2) in Khairagarh Forest Division.



Geo-Referenced Toposheet Map of Forest Patched of Dongargarh Block in Khairagarh Forest Division.

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वनमण्डलाधिकारी
खैरागढ़, वनमण्डल, खैरागढ़

