

कार्यालय वनमण्डलाधिकारी
दन्तेवाड़ा वनमण्डल, दन्तेवाड़ा (छ.ग.)

कार्यालय -दूरभाष (07856) 252228, फ़ैक्स-252305 निवास -(07856) 252439 E-mail:-dfodnt@rediffmail.com

क्रमांक/क.त.अ./8021

दन्तेवाड़ा, दिनांक 3/12/2019

प्रति,

मुख्य कार्यपालन अधिकारी
(चिप्स) स्टेट डाटा सेंटर भवन
सिविल लाईन, रायपुर

विषय :- भारत सरकार की महत्वपूर्ण योजना "भारत नेट प्रोजेक्ट (A part of Digital India)" के सफल क्रियान्वयन हेतु दन्तेवाड़ा जिले के दन्तेवाड़ा वनमण्डल अन्तर्गत गीदम एवं कटेकल्याण ब्लॉक के अन्तर्गत शामिल ग्राम पंचायत के मार्ग समानान्तर वन भूमि पर ऑप्टिकल फाइबर केबल बिछाने विषयक। वन भूमि की गैर वानिकी प्रयोजन हेतु व्यपवर्तन प्रस्ताव हेतु डी.जी.पी.एस. / लीडर सर्वे रिपोर्ट के सत्यापन बावत्।

संदर्भ :- आपका पत्र क्रमांक /भा.ने.प्रो./ओ.एफ.सी./वन भूमि/प्रस्ताव/2019-20/26 रायपुर दिनांक 28.11.2019

—0—

उपरोक्त विषयान्तर्गत लेख है कि, भारत सरकार की महत्वपूर्ण योजना "भारत नेट प्रोजेक्ट (A part of Digital India)" के सफल क्रियान्वयन हेतु दन्तेवाड़ा जिले के दन्तेवाड़ा वनमण्डल अन्तर्गत गीदम एवं कटेकल्याण ब्लॉक के अन्तर्गत शामिल ग्राम पंचायत के मार्ग समानान्तर वन भूमि पर ऑप्टिकल फाइबर केबल बिछाने हेतु वन क्षेत्र अन्तर्गत (आर. एफ./पी.एफ./नारंगी क्षेत्र) क्षेत्रफल 3.273 हैं एवं राजस्व क्षेत्र अन्तर्गत 1.288 हैं. कुल रकबा 4.561 हैं. क्षेत्र का डिजीपीएस सर्वे रिपोर्ट सत्यापन हेतु 01 प्रति मे प्रस्तुत किया गया था।

अतः उक्त डी.जी.पी.एस. सर्वे रिपोर्ट वनमण्डलाधिकारी के सत्यापन उपरान्त आपकी ओर मूलतः वापस किया जा रहा है।

संलग्न :- उपरोक्तानुसार।

पू.क्रमांक/क.त.अ./8022

प्रतिलिपि :- मुख्य वन संरक्षक जगदलपुर वृत्त जगदलपुर की ओर सूचनार्थ सम्प्रेषित।

वनमण्डलाधिकारी

दन्तेवाड़ा वनमण्डल, दन्तेवाड़ा
दन्तेवाड़ा, दिनांक 3/12/2019

वनमण्डलाधिकारी

दन्तेवाड़ा वनमण्डल, दन्तेवाड़ा

CHHATTISGARH BHARATNET PHASE-II PROJECT

LIDAR/DGPS SURVEY REPORT FOR DANTEWADA FOREST DIVISION FOR DIVERSION OF PROPOSED OFC ROUTES

Forest Division : DANTEWADA
Forest Land (RF/PF/OA) : 3.273 Ha.
Rev. Forest Land : 1.288 Ha.
Total Proposed Diversion Area : 4.561 Ha.
Block : GEEDAM AND KATEKALYAN
District : DANTEWADA (C.G.)

Applicant -



**Chhattisgarh Infotech Promotion Society (CHIPS)
Raipur (Chhattisgarh)**

Submitted By -



TATA PROJECTS

Tata Projects Limited, Raipur (Chhattisgarh)



Divisional Forest Officer
DanteWada Division
DANTEWADA

Table of Contents

1.	Introduction and Background.....	3
1.1.	Background.....	3
1.2.	Proposed Routes	3
1.3.	Location	4
1.4.	Objective.....	4
2.	Scope of Work	5
3.	Deliverables.....	5
4.	Technical Approach	6
4.1.	GCP Establishment for LiDAR (DGPS) Survey:	6
4.2.	Mobile LiDAR (DGPS) data collection:	9
4.3.	DRS / GIS Map Creation Using LiDAR data:	10
4.4.	Demarcation of Proposed OFC on LiDAR data:	11
4.5.	Geo-referencing of Maps:	12
4.6.	Creation of Vector Data for Forest Diversion:	12
4.7.	Generation of Map and Survey Reports for Forest Diversion.....	13
5.	DGPS Survey Results.....	14
5.1.	Forest Area Statement (Annexure-1).....	14
5.2.	LiDAR/DGPS Surveyed coordinates of Forest Patches (Annexure-2).....	27
5.3.	Geo-Referenced Maps of the Proposed Route (Annexure-3).....	40
5.3.1.	Map showing Geo-reference map of proposed OFC Route.	40
5.3.2.	Map showing proposed OFC Route on Toposheet map on 1:50,000 scale.	41

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 Geedam and Katekalyan block with in Dantewada Forest Division.



OFC Cable Proposed Routes in Geedam Block in Dantewada Forest Division.



OFC Cable Proposed Routes in Katekalyan Block in Dantewada Forest Division.

1.3. Location

The proposed OFC Cable route in Dantewada Forest Division (The OFC route Geedam and Katekalyan Block; District: Dantewada). The Proposed OFC route length is approx. 215.346 Km in Geedam and Katekalyan 150.445 km Block hence Total route lengths is 365.791 km. The survey site passes through forest ranges Bachel, Dantewada and Geedam of Dantewada Forest Division. The OFC Cable route is covered under Survey of India Toposheets 65 E04, 65 E08 and 65 E12, 65 F01, 65 F02, 65 F05, 65 F06, 65 F09 and 65 F10 on RF 1:50000.

1.4. Objectives

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 radios 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

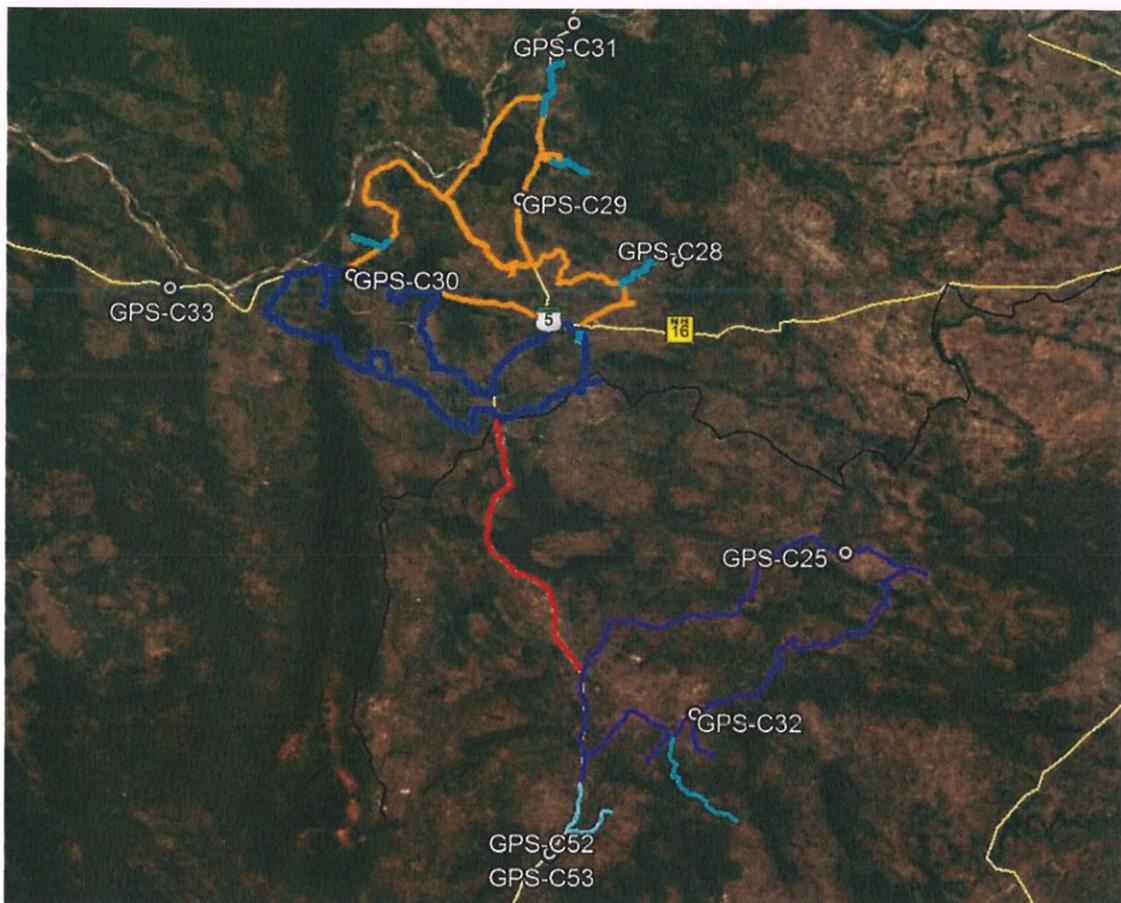
The deliverables envisaged for the assignment are described below -

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.



Leica Geosystems AG
Helmich-Weg 5
CH-9413 Hebrugg
St. Gallen, Switzerland

Phone + 41 71 727 1111
Fax + 41 71 727 4674

- when it has to be right



GNSS Processing Report - Summary

Report created: 05/26/2019 14:47:29

Project Details

General		Customer Details		Master Coordinate System	
Project Name:	CHRS	Customer Name:	-	Coordinate System Name:	UTM48N
Owner:	GENESIS INTERNATIONAL CORPORATION LIMITED	Contact Person:	-	Fixed Station Type:	Classic 3D
Lead Surveyor:	-	Number:	-	Residual Distribution:	None
Date Created:	05/21/2019 14:22:08	Email:	-	Ellipsoid:	WGS 1984
Last Accessed:	05/26/2019 14:22:08	Skype:	-	Projection Type:	UTM
Application Software:	Infinity 3.8	Website:	-	Spheroid Model:	EGM_2008
				CSCS Model:	-
Path:	D:\INFINITY PROJECTS\CHRS\CHRS.gpx				
Size:	5,885.1 MB				
Comments:	-				

SPP Point: 9453Base_1

Processing Parameters (05/26/2019 04:43:28 - 05/26/2019 12:53:14)

Date	Selected	Used	Comments
Cut-Off Angle:	15°	15°	
Frequency:	Automatic	L1/L2/L3/L4	
Sampling Rate:	Use All	1 sec	
Satellite System:	GPS/GALILEO/BEIDOU	GPS/GALILEO/BEIDOU	
Ephemeric Type:	Broadcast	Broadcast	
Antenna Calibration Set:	Leica Relative	Leica Relative	
Processing Strategy			
Solution Type:	Phase Fixed	Navigation	
Solution Optimization:	Automatic	None	
Frequency to use in Ionospheric Model:	Automatic	Automatic	
Ionospheric Model:	VMF with GPT2 model	VMF with GPT2 model	
Ionospheric Model:	Automatic	Computed	
Allow Wildcard Fix:	Automatic	No	
General Settings			
Min. Distance for Fix:	15 m		
Min. Fix:			
Possible Ambiguities Fix Up:	200 km		
Min. Duration for Fix:	00:00:01		
Solution (stat):			

Results SPP Point: 9453Base_1

Acquisition

Time Span: 05/26/2019 04:43:28 - 05/26/2019 12:53:14
Duration: 08:09:46

Antenna

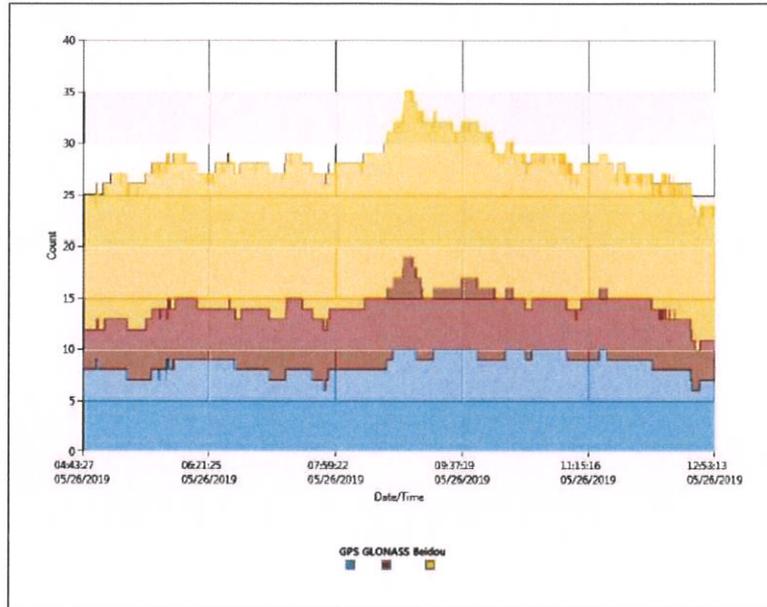
Receiver Name / ID: LEICA GS16 / 1072803
Antenna Name / SN: LEI9556 / -
Carrier Offset: 0.8600 m
Height Reading: 1.1100 m
Antenna Height: 1.8100 m

Chhattisgarh BharatNet Phase-II Project

Processing Info (05/26/2019 04:43:28 - 05/26/2019 12:53:14)

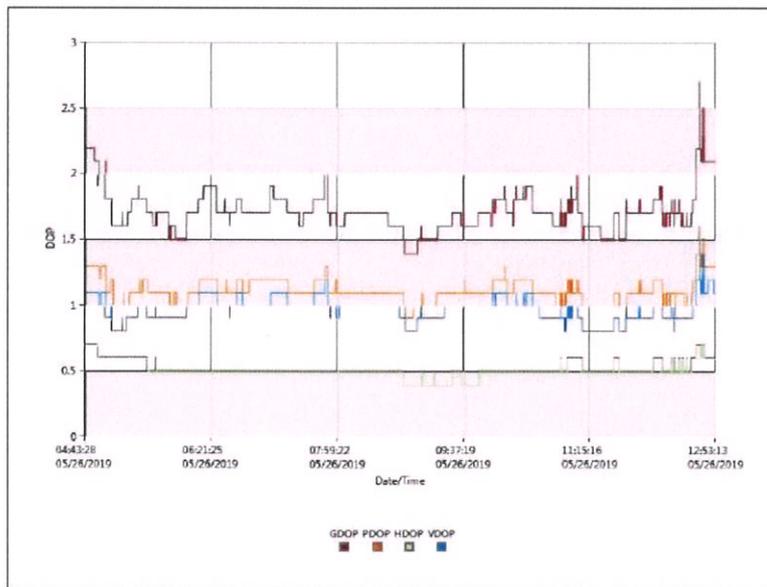
Processed Date/Time: 07/31/2019 19:36:23

SVs Tracked



Ac
Go

DOP



Ac
Go

List of GCP's –

Sr.No	District	GCP No.	Latitude (D:M:S)	Longitude(D:M:S)	Easting	Northing
1	Dantewada	GPS-C25	N18°48'40.47843"	E81°36'15.38572"	563672.064	2080050.499
2	Dantewada	GPS-C28	N19°01'09.57722"	E81°28'57.61914"	550795.783	2103035.672
3	Dantewada	GPS-C29	N19°03'52.09801"	E81°21'56.61625"	538478.057	2108001.237
4	Dantewada	GPS-C30	N19°00'42.66891"	E81°14'26.18876"	525322.230	2102156.224
5	Dantewada	GPS-C31	N19°11'18.33449"	E81°24'25.64897"	542801.654	2121726.594
6	Dantewada	GPS-C32	N18°41'54.80101"	E81°29'28.84700"	551807.072	2067545.077
7	Dantewada	GPS-C33	N19°00'14.77503"	E81°06'18.77284"	511073.567	2101284.881
8	Dantewada	GPS-C52	N18°36'06.87659"	E81°22'57.41112"	540365.139	2056823.624
9	Dantewada	GPS-C53	N18°36'06.87776"	E81°22'57.42133"	540365.438	2056823.660

4.2. Mobile LiDAR (DGPS) data collection:

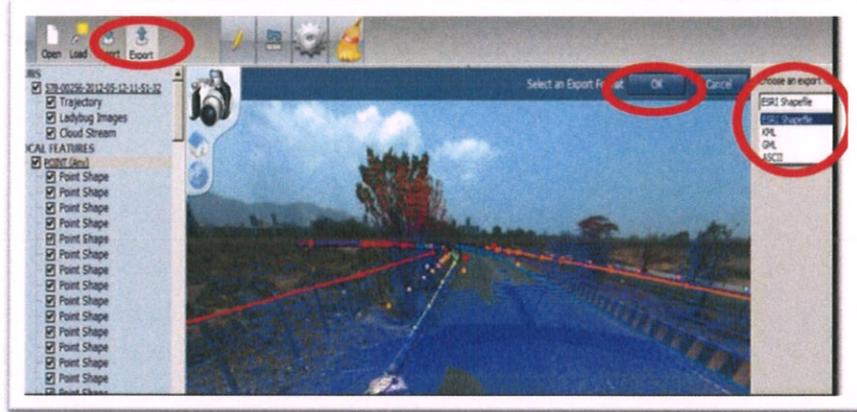
DGPS based Mobile LiDAR data was collected along with 360 degree panoramic view of the OFC route corridor (25 meter on each side along the center of the road).



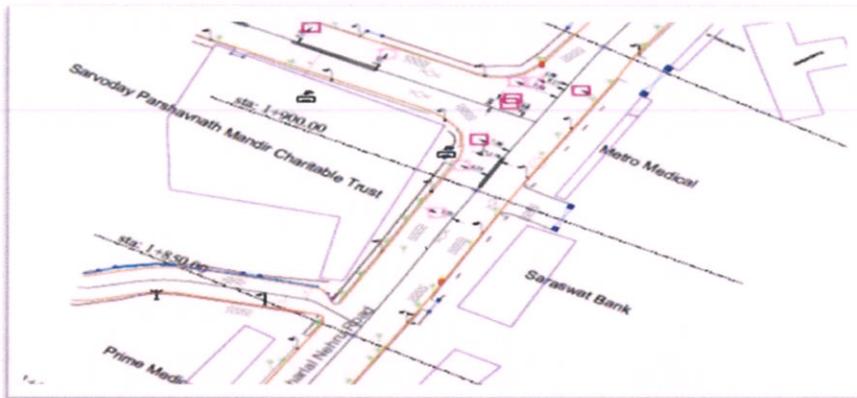
Mobile LiDAR Van

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.



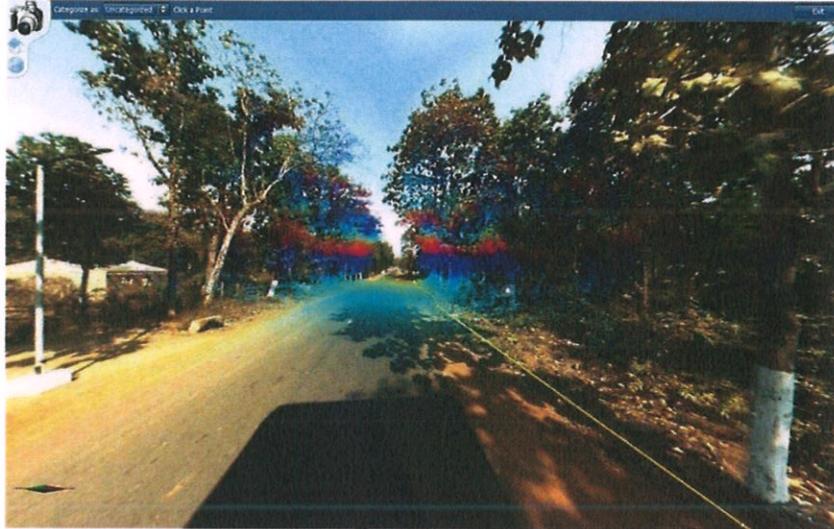
Feature Extraction on LiDAR



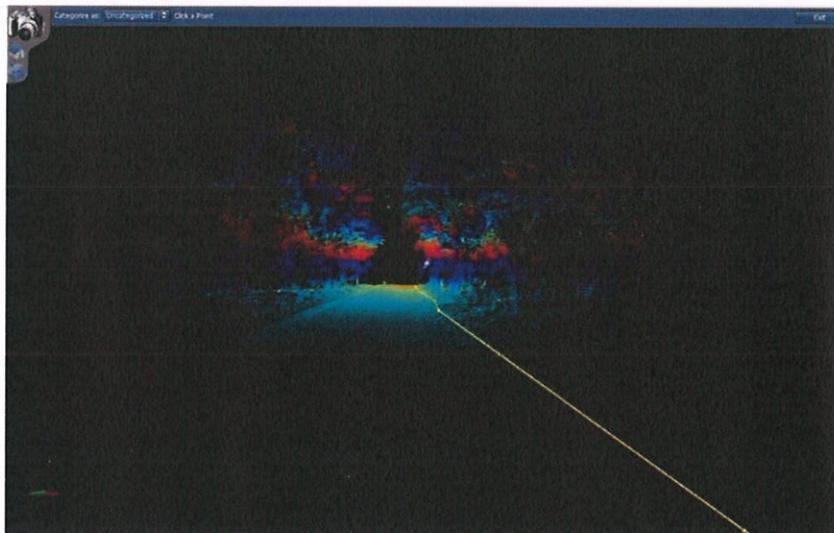
Final DRS / GIS Map

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.



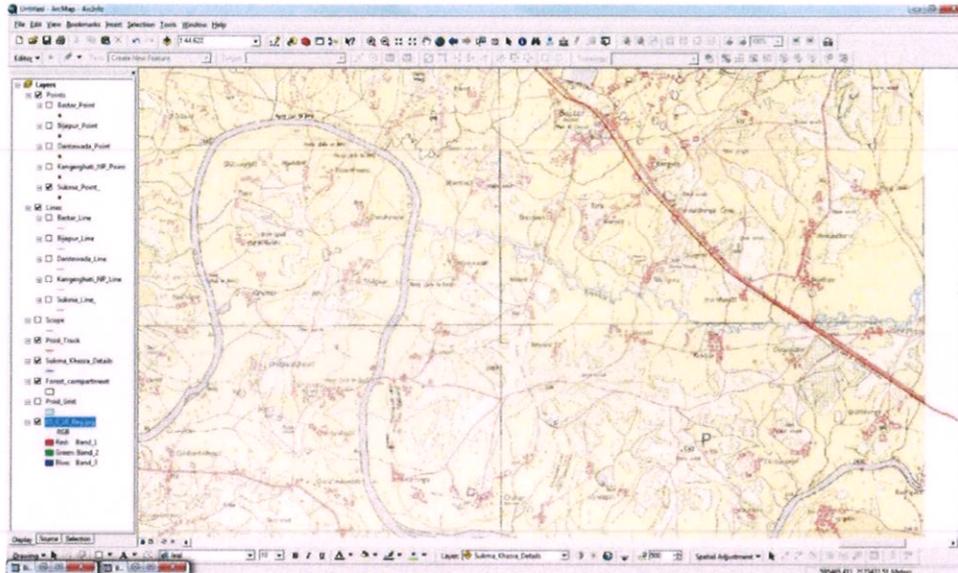
Proposed OFC Line on LiDAR Data (with Panoramic Imagery)



Proposed OFC Line on LiDAR Data only

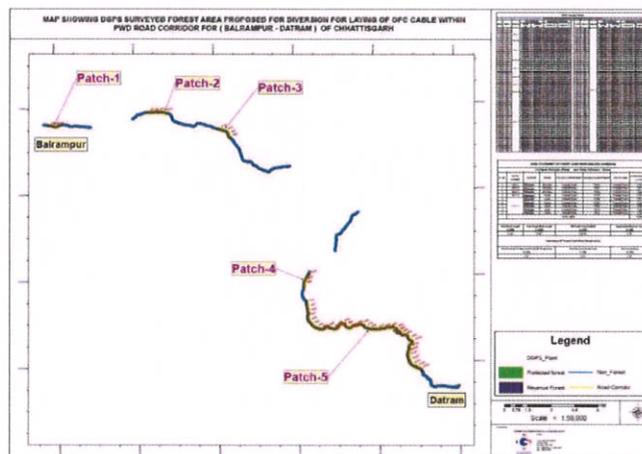
4.5. Geo-referencing of Maps:

Geo-referencing of Revenue Village Maps and SOI Toposheets are to be done. SOI Toposheets would be geo-referenced based on the coordinates provided on the maps whereas Revenue Village Maps would be geo-referenced with the help of GCPs collected on field. (At least 5 GCPs for a village having Government Forest Land are to be collected)



4.6. Creation of Vector Data for Forest Diversion:

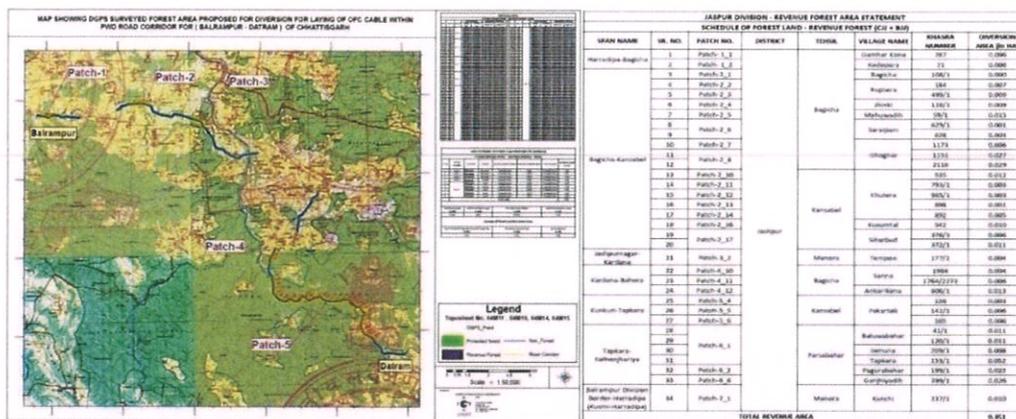
Different Layers such as Polygon of Reserved Forest /Protected Forest /Orange Area Patch, Centerline of Proposed OFC Trench, Non-Forest Trench line, Polygons showing Revenue Forest patches etc. are to be created using the Lidar based GDPS Observation, Geo-referenced maps and the information provided by the forest department and Revenue department.



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. 365.791 km. covered Geedam and Katekalyan Block of Dantewada District. Out of this 274.576 km OFC route length is passing through non-forest Land and 91.215 km OFC route length is passing through Forest Patches hence the proposed forest area for diversion 4.561 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 – Geedam and Katekalyan Block with in Dantewada Forest Division, District - Dantewada						
Total Route Length (in km.)	Length of Non Forest Land (in km.)	Width of Non Forest Land (in km.)	Area of Non-Forest Land (in Ha.)	Length of Forest Land (in km.)	Width of Forest Land (in km.)	Area of Proposed Forest Land (in Ha.)
365.791	274.576	0.0005	13.729	91.215	0.0005	4.561

Dantewada Forest Division – Total Forest Area for Diversion Proposal						
Sl. No.	Forest Division	Forest range	No of Compartment	Length (in m.)	Width (in m.)	Proposed Area (in Ha.)
1	Dantewada	Bachel	9	8491.341	0.5	0.425
2	Dantewada	Dantewada	24	21177.811	0.5	1.059
3	Dantewada	Geedam	29	35781.984	0.5	1.789
Total of Table A						
Sl. No.	District	Block	No of Khasra	Length (in m.)	Width (in m.)	Proposed Area (in Ha.)
1	Dantewada	Geedam	162	22200.270	0.5	1.110
2	Dantewada	Katekalyan	24	3564.036	0.5	0.178
Total of Table B						
Total Diversion Area (Table A+TableB)						
				91215.442	0.5	4.561



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.)
1	16	Katekalyan	Dantewada	Koriras To Badebedma	Bacheli	PF	1593P	1315.683	0.5	0.066
2	16	Geedam	Dantewada	Bangapal To Badetumnar	Bacheli	PF	1789P	1231.621	0.5	0.062
3	16	Geedam	Dantewada	Pharaspal To Nelasnar	Bacheli	PF	1791P	763.07	0.5	0.038
4	28	Geedam	Dantewada	Bangapal To Badetumnar	Bacheli	PF	1789P	1249.868	0.5	0.062
5	29	Geedam	Dantewada	Nelasnar To Badetumnar	Bacheli	PF	1789P	958.382	0.5	0.048
6	30	Katekalyan	Dantewada	Dhanikarka To Mokhpal	Bacheli	PF	1578P	497.642	0.5	0.025
7	35	Geedam	Dantewada	Geedam To Pharaspal	Bacheli	PF	1778P	1632.041	0.5	0.082
8	35	Geedam	Dantewada	Pharaspal To Nelasnar	Bacheli	PF	1779P	558.577	0.5	0.028
9	41	Katekalyan	Dantewada	Dhanikarka To Mokhpal	Bacheli	PF	1577P	284.457	0.5	0.014
Total-							9	8491.341	0.5	0.425
10	31	Katekalyan	Dantewada	Geedam To Geedam	Dantewada	RF	1402	910.997	0.5	0.046
11	31	Geedam	Dantewada	Geedam To Pharaspal	Dantewada	PF	1379P	1033.549	0.5	0.052
12	31	Katekalyan	Dantewada	Telam To Katekalyan	Dantewada	PF	1518P	552.886	0.5	0.028
13	32	Katekalyan	Dantewada	Telam To Katekalyan	Dantewada	PF	1485P	587.031	0.5	0.029
14	33	Katekalyan	Dantewada	Gudse To Tumakpal	Dantewada	PF	1485P	49.461	0.5	0.002
15	33	Katekalyan	Dantewada	Tumakpal To Katekalyan	Dantewada	PF	1486P	206.841	0.5	0.010
16	34	Katekalyan	Dantewada	Geedam To Geedam	Dantewada	RF	1401	778.986	0.5	0.039
17	35	Katekalyan	Dantewada	Surnar To Dhanikarka	Dantewada	PF	1455P	452.601	0.5	0.023
18	35	Katekalyan	Dantewada	Surnar To Dhanikarka	Dantewada	PF	1457P	481.403	0.5	0.024
19	35	Katekalyan	Dantewada	Badelakhapal To Surnar	Dantewada	PF	1466P	713.366	0.5	0.036
20	35	Katekalyan	Dantewada	Telam To Katekalyan	Dantewada	PF	1481P	1632.736	0.5	0.082
21	35	Katekalyan	Dantewada	Badegudra To Tetam	Dantewada	PF	1567P	1900.431	0.5	0.095

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.)
22	36	Katekalyan	Dantewada	Badelakhapal To Surnar	Dantewada	PF	1473P	526.803	0.5	0.025
23	36	Katekalyan	Dantewada	Badelakhapal To Surnar	Dantewada	PF	1474P	484.631	0.5	0.024
24	36	Katekalyan	Dantewada	Mokhpal To Bhusaras	Dantewada	PF	1551P	973.363	0.5	0.049
25	36	Katekalyan	Dantewada	Mokhpal To Bhusaras	Dantewada	PF	1554P	1685.692	0.5	0.084
26	36	Katekalyan	Dantewada	Mokhpal To Bhusaras	Dantewada	PF	1555P	2170.933	0.5	0.109
27	36	Katekalyan	Dantewada	Mokhpal To Bhusaras	Dantewada	PF	1556P	803.556	0.5	0.040
28	37	Katekalyan	Dantewada	Geedam To Geedam	Dantewada	RF	1403	1176.277	0.5	0.059
29	38	Geedam	Dantewada	Geedam To Pharaspal	Dantewada	PF	1380P	1302.148	0.5	0.065
30	39	Katekalyan	Dantewada	Pharaspal To Geedam	Dantewada	PF	1373	772.456	0.5	0.039
31	39	Geedam	Dantewada	Geedam To Pharaspal	Dantewada	PF	1378P	1763.823	0.5	0.088
32	39	Katekalyan	Dantewada	Gudse To Tumakpal	Dantewada	PF	1485P	43.679	0.5	0.002
33	40	Katekalyan	Dantewada	Tumakpal To Katekalyan	Dantewada	PF	1486P	174.162	0.5	0.009
Total-							24	21177.811	0.5	1.059
34	2	Geedam	Dantewada	Mophalnar To Geedam	Geedam	PF	1309P	1516.245	0.5	0.076
35	3	Geedam	Dantewada	Upet To Hidpal	Geedam	RF	1252	89.005	0.5	0.004
36	3	Geedam	Dantewada	Mophalnar To Geedam	Geedam	PF	1322P	814.519	0.5	0.041
37	5	Geedam	Dantewada	Mophalnar To Geedam	Geedam	PF	1320P	489.667	0.5	0.024
38	5	Geedam	Dantewada	Badetumnar To Badesurokhi	Geedam	PF	1322P	815.869	0.5	0.041
39	5	Geedam	Dantewada	Geedam To Pharaspal	Geedam	PF	1351P	544.263	0.5	0.027
40	5	Geedam	Dantewada	Barsur To Muchnar	Geedam	PF	P1239	1298.525	0.5	0.065
41	5	Geedam	Dantewada	Muchnar To Chhindnar	Geedam	PF	P1244	2088.813	0.5	0.104
42	7	Geedam	Dantewada	Ronje To Upet	Geedam	RF	1253	1527.316	0.5	0.076

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.)
43	7	Geedam	Dantewada	Samlur To Geedam	Geedam	PF	1326P	904.178	0.5	0.045
44	7	Geedam	Dantewada	Mophalnar To Geedam	Geedam	PF	1334P	1020.152	0.5	0.051
45	8	Geedam	Dantewada	Ronje To Upet	Geedam	RF	1254	1714.215	0.5	0.087
46	8	Geedam	Dantewada	Badesurokhi To Samlur	Geedam	RF	1333	2350.308	0.5	0.118
47	11	Geedam	Dantewada	Upet To Barsur	Geedam	RF	1251	1585.129	0.5	0.079
48	19	Geedam	Dantewada	Badesurokhi To Samlur	Geedam	RF	1336	2577.150	0.5	0.129
49	19	Geedam	Dantewada	Mophalnar To Geedam	Geedam	RF	1336	2424.510	0.5	0.121
50	20	Geedam	Dantewada	Muchnar To Chhindnar	Geedam	RF	1245	677.740	0.5	0.034
51	20	Geedam	Dantewada	Muchnar To Chhindnar	Geedam	RF	1247	2409.281	0.5	0.120
52	20	Geedam	Dantewada	Mophalnar To Geedam	Geedam	RF	1341	2307.580	0.5	0.115
53	20	Geedam	Dantewada	Samlur To Geedam	Geedam	PF	1329P	547.965	0.5	0.027
54	20	Geedam	Dantewada	Badesurokhi To Samlur	Geedam	PF	1334P	416.606	0.5	0.021
55	20	Geedam	Dantewada	Samlur To Geedam	Geedam	PF	1347P	1467.268	0.5	0.073
56	20	Geedam	Dantewada	Geedam To Pharaspal	Geedam	PF	1350P	1279.070	0.5	0.064
57	22	Geedam	Dantewada	Chhindnar To Mustalnar	Geedam	PF	1314P	711.381	0.5	0.036
58	24	Geedam	Dantewada	Ronje To Upet	Geedam	RF	1252	261.0123	0.5	0.132
59	24	Geedam	Dantewada	Upet To Barsur	Geedam	PF	1241P	651.684	0.5	0.033
60	25	Geedam	Dantewada	Chhindnar To Mustalnar	Geedam	PF	1313P	748.094	0.5	0.037
61	27	Geedam	Dantewada	Upet To Hidpal	Geedam	RF	1252	88.398	0.5	0.004
62	27	Geedam	Dantewada	Badesurokhi To Samlur	Geedam	RF	1341	105.930	0.5	0.005
Total-							29	35781.984	0.5	1.789
Grand Total-							62	65451.136	0.5	3.273

Chhattisgarh BharatNet Phase-II Project

Table B - Area statement for proposed forest Patches - Revenue Forest land (Chhote / Bade Jhad ka Jangal)

Sl No.	Patch	District	Block	Route Name	Village	Type	Khasra No	Length (in m.)	Width (in m.)	Proposed Area (in Ha.)
1	1	Dantewada	Geedam	Muchnar To Hitameta	Hitameta	BJJ	246	157.278	0.5	0.008
2	1	Dantewada	Geedam	Muchnar To Hitameta	Hitameta	CJJ	270	189.168	0.5	0.009
3	2	Dantewada	Geedam	Muchnar To Hitameta	Muchnar	CJJ	231	246.171	0.5	0.012
4	4	Dantewada	Geedam	Hidpal To Upet	Upet	CJJ	286	68.101	0.5	0.004
5	4	Dantewada	Geedam	Hidpal To Upet	Upet	CJJ	292	86.222	0.5	0.004
6	4	Dantewada	Geedam	Hidpal To Upet	Upet	CJJ	296	160.905	0.5	0.008
7	4	Dantewada	Geedam	Hidpal To Upet	Upet	CJJ	297	149.259	0.5	0.008
8	4	Dantewada	Geedam	Hidpal To Upet	Hidpal	CJJ	382	104.000	0.5	0.005
9	4	Dantewada	Geedam	Hidpal To Upet	Hidpal	CJJ	419	91.355	0.5	0.005
10	4	Dantewada	Geedam	Hidpal To Upet	Hidpal	CJJ	445	20.961	0.5	0.001
11	4	Dantewada	Geedam	Hidpal To Upet	Hidpal	CJJ	444/1	315.117	0.5	0.016
12	5	Dantewada	Geedam	Ronje To Upet	Ronje	CJJ	390	40.727	0.5	0.002
13	5	Dantewada	Geedam	Ronje To Upet	Ronje	CJJ	391	130.587	0.5	0.007
14	5	Dantewada	Geedam	Ronje To Upet	Ronje	CJJ	402	137.479	0.5	0.008
15	6	Dantewada	Geedam	Muchnar To Hitameta	Muchnar	CJJ	438	281.316	0.5	0.014
16	6	Dantewada	Geedam	Muchnar To Hitameta	Muchnar	CJJ	449	143.910	0.5	0.007
17	6	Dantewada	Geedam	Muchnar To Hitameta	Muchnar	CJJ	451	46.954	0.5	0.002
18	6	Dantewada	Geedam	Muchnar To Hitameta	Muchnar	CJJ	452	68.963	0.5	0.003
19	6	Dantewada	Geedam	Muchnar To Hitameta	Muchnar	CJJ	453	14.792	0.5	0.001
20	9	Dantewada	Geedam	Gumalnar To Chhotetumnar	Gumalnar	CJJ	212	225.245	0.5	0.011
21	9	Dantewada	Geedam	Gumalnar To Chhotetumnar	Gumalnar	CJJ	232	138.331	0.5	0.008
22	9	Dantewada	Geedam	Gumalnar To Chhotetumnar	Gumalnar	CJJ	237	223.296	0.5	0.011



Chhattisgarh BharatNet Phase-II Project



Table B - Area statement for proposed forest patches - Revenue Forest land (Chhote / Bade Jhad ka Jangal)

Sl No.	Patch	District	Block	Route Name	Village	Type	Khasra No	Length (in m.)	Width (in m.)	Proposed Area (in Ha.)
23	9	Dantewada	Geedam	Gumalnar To Chhotetumnar	Gumalnar	CJJ	521	15.961	0.5	0.001
24	9	Dantewada	Geedam	Gumalnar To Chhotetumnar	Gumalnar	CJJ	522	65.404	0.5	0.003
25	10	Dantewada	Geedam	Mophalnar To Chhindnar	Mofalnar	CJJ	30	193.849	0.5	0.01
26	10	Dantewada	Geedam	Mophalnar To Chhindnar	Mofalnar	CJJ	50	147.922	0.5	0.007
27	10	Dantewada	Geedam	Chhotetumnar To Mophalnar	Chhotetumnar	CJJ	143	59.100	0.5	0.003
28	10	Dantewada	Geedam	Chhotetumnar To Mophalnar	Chhotetumnar	CJJ	205	365.155	0.5	0.018
29	10	Dantewada	Geedam	Chhotetumnar To Mophalnar	Chhotetumnar	CJJ	266	163.368	0.5	0.008
30	10	Dantewada	Geedam	Chhotetumnar To Mophalnar	Chhotetumnar	CJJ	267	115.300	0.5	0.006
31	10	Dantewada	Geedam	Mophalnar To Bangapal	Chhotetumnar	CJJ	669	123.674	0.5	0.006
32	10	Dantewada	Geedam	Mophalnar To Bangapal	Chhotetumnar	CJJ	684	33.981	0.5	0.002
33	10	Dantewada	Geedam	Mophalnar To Bangapal	Chhotetumnar	CJJ	685	420.312	0.5	0.021
34	10	Dantewada	Geedam	Mophalnar To Bangapal	Chhotetumnar	BJJ	686	94.280	0.5	0.005
35	10	Dantewada	Geedam	Mophalnar To Bangapal	Chhotetumnar	CJJ	688	126.581	0.5	0.006
36	11	Dantewada	Geedam	Mophalnar To Bangapal	Badetumnar	CJJ	148	67.149	0.5	0.004
37	11	Dantewada	Geedam	Mophalnar To Bangapal	Chhotetumnar	BJJ	573	43.959	0.5	0.002
38	11	Dantewada	Geedam	Mophalnar To Bangapal	Chhotetumnar	CJJ	607	93.949	0.5	0.005
39	11	Dantewada	Geedam	Mophalnar To Bangapal	Chhotetumnar	CJJ	613	188.847	0.5	0.010
40	11	Dantewada	Geedam	Mophalnar To Bangapal	Chhotetumnar	CJJ	638	22.462	0.5	0.001
41	12	Dantewada	Geedam	Mophalnar To Bangapal	Badetumnar	CJJ	98	124.883	0.5	0.006
42	12	Dantewada	Geedam	Mophalnar To Bangapal	Badetumnar	CJJ	99	28.091	0.5	0.001
43	12	Dantewada	Geedam	Mophalnar To Bangapal	Badetumnar	CJJ	131	179.117	0.5	0.009
44	12	Dantewada	Geedam	Mophalnar To Bangapal	Badetumnar	CJJ	134	144.947	0.5	0.007

Chhattisgarh BharatNet Phase-II Project



Table B - Area statement for proposed forest patches - Revenue Forest land (Chhote / Bade Jhad ka Jangal)										
Sl No.	Patch	District	Block	Route Name	Village	Type	Khasra No	Length (in m.)	Width (in m.)	Proposed Area (in Ha.)
45	13	Dantewada	Geedam	Mopahar To Bangapal	Badetumnar	CJJ	715	264.493	0.5	0.013
46	13	Dantewada	Geedam	Mopahar To Bangapal	Badetumnar	CJJ	722	37.146	0.5	0.004
47	13	Dantewada	Geedam	Mopahar To Bangapal	Badetumnar	CJJ	724	32.246	0.5	0.002
48	14	Dantewada	Geedam	Mopahar To Bangapal	Badetumnar	CJJ	727	13.564	0.5	0.001
49	14	Dantewada	Geedam	Mopahar To Bangapal	Badetumnar	CJJ	729	17.690	0.5	0.001
50	14	Dantewada	Geedam	Mopahar To Bangapal	Badetumnar	CJJ	731	312.660	0.5	0.016
51	14	Dantewada	Geedam	Mopahar To Bangapal	Badetumnar	CJJ	733	109.560	0.5	0.005
52	15	Dantewada	Geedam	Mopahar To Bangapal	Bangapal	CJJ	480	202.777	0.5	0.01
53	16	Dantewada	Geedam	Mopahar To Bangapal	Bangapal	CJJ	665	56.364	0.5	0.003
54	16	Dantewada	Geedam	Mopahar To Bangapal	Bangapal	CJJ	762	46.961	0.5	0.002
55	17	Dantewada	Geedam	Mopahar To Bangapal	Badetumnar	CJJ	690	351.266	0.5	0.018
56	18	Dantewada	Geedam	Badetumnar To Badesurokhi	Badetumnar	BJJ	330	168.854	0.5	0.008
57	18	Dantewada	Geedam	Badetumnar To Badesurokhi	Badetumnar	CJJ	331	235.669	0.5	0.012
58	18	Dantewada	Geedam	Badetumnar To Badesurokhi	Badetumnar	CJJ	333	227.222	0.5	0.011
59	18	Dantewada	Geedam	Badetumnar To Badesurokhi	Badetumnar	CJJ	336	288.589	0.5	0.014
60	19	Dantewada	Geedam	Badetumnar To Badesurokhi	Badetumnar	CJJ	292	100.970	0.5	0.005
61	20	Dantewada	Geedam	Badetumnar To Badesurokhi	Badesurokhi	CJJ	98	54.620	0.5	0.003
62	20	Dantewada	Geedam	Badetumnar To Badesurokhi	Badesurokhi	CJJ	100	51.175	0.5	0.003
63	20	Dantewada	Geedam	Samlur To Hiranar	Samlur	CJJ	456	119.131	0.5	0.006
64	20	Dantewada	Geedam	Samlur To Hiranar	Samlur	CJJ	458	70.535	0.5	0.004
65	21	Dantewada	Geedam	Hiranar To Ghotpal	Hiranar	CJJ	11	227.088	0.5	0.011
66	21	Dantewada	Geedam	Hiranar To Ghotpal	Hiranar	CJJ	13	148.707	0.5	0.007

Chhattisgarh BharatNet Phase-II Project



Table B - Area statement for proposed forest patches - Revenue Forest land (Chhote / Bade Jhad ka Jangal)										
Sl No.	Patch	District	Block	Route Name	Village	Type	Khasra No	Length (in m.)	Width (in m.)	Proposed Area (in Ha.)
67	21	Dantewada	Geedam	Hiranar To Ghotpal	Hiranar	CJJ	23	39.033	0.5	0.002
68	21	Dantewada	Geedam	Hiranar To Ghotpal	Hiranar	CJJ	23	49.168	0.5	0.002
69	21	Dantewada	Geedam	Hiranar To Ghotpal	Hiranar	CJJ	26	109.878	0.5	0.005
70	21	Dantewada	Geedam	Hiranar To Ghotpal	Hiranar	BJJ	28	117.048	0.5	0.006
71	21	Dantewada	Geedam	Hiranar To Ghotpal	Hiranar	CJJ	47	551.144	0.5	0.018
72	21	Dantewada	Geedam	Hiranar To Ghotpal	Hiranar	BJJ	63	267.650	0.5	0.013
73	21	Dantewada	Geedam	Hiranar To Ghotpal	Hiranar	CJJ	66	102.710	0.5	0.005
74	21	Dantewada	Geedam	Hiranar To Ghotpal	Hiranar	CJJ	596	129.050	0.5	0.006
75	21	Dantewada	Geedam	Hiranar To Ghotpal	Hiranar	CJJ	605	121.064	0.5	0.006
76	21	Dantewada	Geedam	Hiranar To Ghotpal	Hiranar	CJJ	606	50.876	0.5	0.003
77	22	Dantewada	Geedam	Haram To Samlur	Karli	CJJ	478	49.553	0.5	0.002
78	22	Dantewada	Geedam	Haram To Samlur	Karli	CJJ	479	149.046	0.5	0.007
79	22	Dantewada	Geedam	Haram To Samlur	Karli	CJJ	498	46.473	0.5	0.002
80	22	Dantewada	Geedam	Haram To Samlur	Karli	CJJ	534	313.707	0.5	0.016
81	22	Dantewada	Geedam	Haram To Samlur	Karli	CJJ	653	52.560	0.5	0.003
82	22	Dantewada	Geedam	Haram To Samlur	Karli	CJJ	655	150.053	0.5	0.008
83	22	Dantewada	Geedam	Haram To Samlur	Karli	CJJ	656	36.394	0.5	0.005
84	22	Dantewada	Geedam	Haram To Samlur	Karli	BJJ	658	74.850	0.5	0.004
85	22	Dantewada	Geedam	Haram To Samlur	Karli	BJJ	670	115.287	0.5	0.006
86	23	Dantewada	Geedam	Badapaneda To Haram	Badapaneda	CJJ	86	133.018	0.5	0.007
87	23	Dantewada	Geedam	Badapaneda To Haram	Badapaneda	CJJ	97	410.695	0.5	0.021
88	23	Dantewada	Geedam	Badapaneda To Haram	Badapaneda	CJJ	105	99.228	0.5	0.005

Chhattisgarh BharatNet Phase-II Project



Table B - Area statement for proposed forest patches - Revenue Forest land (Chhote / Bade Jhad ka Jangal)										
Sl No.	Patch	District	Block	Route Name	Village	Type	Khasra No	Length (in m.)	Width (in m.)	Proposed Area (in Ha.)
89	23	Dantewada	Geedam	Badepaneda To Haram	Badepaneda	CJJ	109	105.580	0.5	0.005
90	23	Dantewada	Geedam	Badepaneda To Haram	Madase	CJJ	168	75.952	0.5	0.004
91	23	Dantewada	Geedam	Badepaneda To Haram	Madase	CJJ	184	24.291	0.5	0.001
92	23	Dantewada	Geedam	Badepaneda To Haram	Madase	CJJ	193	265.080	0.5	0.013
93	23	Dantewada	Geedam	Badepaneda To Haram	Madase	CJJ	212	53.953	0.5	0.003
94	23	Dantewada	Geedam	Badepaneda To Haram	Madase	CJJ	218	633.410	0.5	0.032
95	23	Dantewada	Geedam	Nagul To Madse	Nagul	CJJ	410	30.131	0.5	0.005
96	23	Dantewada	Geedam	Nagul To Madse	Nagul	CJJ	411	114.974	0.5	0.006
97	23	Dantewada	Geedam	Madse To Katulnar	Madase	CJJ	436	32.589	0.5	0.005
98	23	Dantewada	Geedam	Madse To Katulnar	Madase	CJJ	454	471.492	0.5	0.024
99	23	Dantewada	Geedam	Madse To Katulnar	Madase	CJJ	476	72.548	0.5	0.004
100	23	Dantewada	Geedam	Badepaneda To Haram	Badepaneda	CJJ	505	53.808	0.5	0.003
101	24	Dantewada	Geedam	Gumda To Haurnar	Gumda	CJJ	127	49.111	0.5	0.002
102	24	Dantewada	Geedam	Gumda To Haurnar	Gumda	CJJ	202	35.197	0.5	0.002
103	24	Dantewada	Geedam	Gumda To Haurnar	Gumda	CJJ	219	37.924	0.5	0.002
104	24	Dantewada	Geedam	Gumda To Haurnar	Gumda	CJJ	263	36.910	0.5	0.002
105	24	Dantewada	Geedam	Gumda To Haurnar	Gumda	CJJ	272	278.572	0.5	0.014
106	24	Dantewada	Geedam	Gumda To Haurnar	Gumda	CJJ	379	15.210	0.5	0.001
107	24	Dantewada	Geedam	Gumda To Haurnar	Gumda	CJJ	260/1	289.631	0.5	0.014
108	26	Dantewada	Geedam	Karli To Haram	Karli	BJJ	1996	266.972	0.5	0.013
109	26	Dantewada	Geedam	Karli To Haram	Karli	CJJ	1999	220.685	0.5	0.011
110	26	Dantewada	Geedam	Karli To Haram	Karli	CJJ	2012	15.074	0.5	0.001

Chhattisgarh BharatNet Phase-II Project



Table B - Area statement for proposed forest patches - Revenue Forest land (Chhote / Bade Jhad ka Jangal)										
Sl No.	Patch	District	Block	Route Name	Village	Type	Khasra No	Length (in m.)	Width (in m.)	Proposed Area (in Ha.)
111	26	Dantewada	Geedam	Karli To Haram	Karli	CJJ	2013	47.992	0.5	0.002
112	26	Dantewada	Geedam	Binjam To Karli	Karli	BJJ	2510	279.294	0.5	0.014
113	27	Dantewada	Geedam	Binjam To Samlur	Siyanar	CJJ	113	306.655	0.5	0.015
114	27	Dantewada	Geedam	Binjam To Samlur	Siyanar	CJJ	120	102.867	0.5	0.005
115	27	Dantewada	Geedam	Binjam To Samlur	Siyanar	CJJ	164	151.039	0.5	0.008
116	27	Dantewada	Geedam	Binjam To Karli	Jhodiyaবাদam	BJJ	173	49.103	0.5	0.002
117	27	Dantewada	Geedam	Binjam To Karli	Jhodiyaবাদam	BJJ	175	131.313	0.5	0.007
118	27	Dantewada	Geedam	Binjam To Karli	Binjam	CJJ	242	36.494	0.5	0.002
119	27	Dantewada	Geedam	Binjam To Karli	Binjam	CJJ	258	144.292	0.5	0.007
120	27	Dantewada	Geedam	Binjam To Karli	Binjam	CJJ	259	73.413	0.5	0.004
121	27	Dantewada	Geedam	Binjam To Karli	Binjam	CJJ	273	161.883	0.5	0.008
122	27	Dantewada	Geedam	Binjam To Karli	Binjam	BJJ	274	64.929	0.5	0.003
123	27	Dantewada	Geedam	Binjam To Karli	Jhodiyaবাদam	BJJ	308	146.408	0.5	0.007
124	27	Dantewada	Geedam	Binjam To Karli	Jhodiyaবাদam	CJJ	310	35.799	0.5	0.002
125	27	Dantewada	Geedam	Binjam To Karli	Jhodiyaবাদam	BJJ	418	122.301	0.5	0.006
126	27	Dantewada	Geedam	Binjam To Karli	Binjam	CJJ	534	48.736	0.5	0.002
127	27	Dantewada	Geedam	Binjam To Karli	Binjam	CJJ	535	219.771	0.5	0.011
128	27	Dantewada	Geedam	Binjam To Karli	Binjam	CJJ	536	43.803	0.5	0.002
129	27	Dantewada	Geedam	Binjam To Karli	Jhodiyaবাদam	CJJ	561	50.337	0.5	0.003
130	27	Dantewada	Geedam	Binjam To Karli	Jhodiyaবাদam	BJJ	563	562.753	0.5	0.018
131	27	Dantewada	Geedam	Binjam To Karli	Karli	CJJ	2434	88.552	0.5	0.004
132	27	Dantewada	Geedam	Binjam To Karli	Karli	CJJ	2446	145.962	0.5	0.007

Chhattisgarh BharatNet Phase-II Project

Table B - Area statement for proposed forest patches - Revenue Forest land (Chhote / Bade Jhad ka Jangal)										
Sl No.	Patch	District	Block	Route Name	Village	Type	Khasra No	Length (in m.)	Width (in m.)	Proposed Area (in Ha.)
133	27	Dantewada	Geedam	Binjam To Karli	Karli	CJJ	2508	162.816	0.5	0.008
134	27	Dantewada	Geedam	Binjam To Karli	Karli	BJJ	3023	20.243	0.5	0.001
135	27	Dantewada	Geedam	Binjam To Karli	Karli	BJJ	3030	26.951	0.5	0.001
136	27	Dantewada	Geedam	Binjam To Samlur	Siyandar	CJJ	117/1	106.283	0.5	0.005
137	28	Dantewada	Geedam	Aalnar To Pharaspal	Masodi	BJJ	2	43.276	0.5	0.002
138	28	Dantewada	Geedam	Aalnar To Pharaspal	Masodi	BJJ	25	534.611	0.5	0.027
139	28	Dantewada	Geedam	Aalnar To Pharaspal	Masodi	CJJ	166	191.635	0.5	0.01
140	28	Dantewada	Geedam	Aalnar To Pharaspal	Masodi	CJJ	245	113.135	0.5	0.006
141	28	Dantewada	Geedam	Aalnar To Pharaspal	Masodi	CJJ	261	66.287	0.5	0.003
142	28	Dantewada	Geedam	Aalnar To Pharaspal	Masodi	CJJ	284	246.477	0.5	0.012
143	28	Dantewada	Geedam	Aalnar To Pharaspal	Masodi	CJJ	288	124.864	0.5	0.006
144	28	Dantewada	Geedam	Aalnar To Pharaspal	Masodi	CJJ	35/1	79.379	0.5	0.004
145	29	Dantewada	Geedam	Aalnar To Pharaspal	Alnar	BJJ	302	119.030	0.5	0.006
146	29	Dantewada	Geedam	Aalnar To Pharaspal	Alnar	CJJ	321	97.302	0.5	0.005
147	29	Dantewada	Geedam	Aalnar To Pharaspal	Alnar	CJJ	355	75.294	0.5	0.004
148	29	Dantewada	Geedam	Aalnar To Pharaspal	Alnar	CJJ	620	15.039	0.5	0.001
149	29	Dantewada	Geedam	Pharaspal To Aalnar	Faraspal	CJJ	735	196.993	0.5	0.01
150	29	Dantewada	Geedam	Pharaspal To Binjam	Faraspal	CJJ	750	45.280	0.5	0.002
151	29	Dantewada	Geedam	Pharaspal To Binjam	Faraspal	CJJ	751	54.766	0.5	0.003
152	29	Dantewada	Geedam	Pharaspal To Binjam	Faraspal	CJJ	752	249.371	0.5	0.012
153	29	Dantewada	Geedam	Pharaspal To Binjam	Faraspal	CJJ	753	99.163	0.5	0.005
154	29	Dantewada	Geedam	Pharaspal To Binjam	Faraspal	CJJ	754	30.178	0.5	0.004



Chhattisgarh BharatNet Phase-II Project



Table B - Area statement for proposed forest P atches - Revenue Forest land (Chhote / Bade Jhad ka Jangal)										
Sl No.	Patch	District	Block	Route Name	Village	Type	Khasra No	Length (in m.)	Width (in m.)	Proposed Area (in Ha.)
155	29	Dantewada	Geedam	Pharaspal To Binjam	Faraspal	CJJ	755	38.636	0.5	0.002
156	29	Dantewada	Geedam	Pharaspal To Binjam	Faraspal	CJJ	760	203.133	0.5	0.01
157	29	Dantewada	Geedam	Pharaspal To Binjam	Faraspal	CJJ	761	38.319	0.5	0.002
158	29	Dantewada	Geedam	Pharaspal To Aainar	Faraspal	CJJ	842	176.244	0.5	0.009
159	29	Dantewada	Geedam	Pharaspal To Aainar	Faraspal	CJJ	843	22.597	0.5	0.001
160	29	Dantewada	Geedam	Pharaspal To Binjam	Faraspal	CJJ	1023	391.172	0.5	0.02
161	29	Dantewada	Geedam	Pharaspal To Binjam	Faraspal	CJJ	1029	229.472	0.5	0.011
162	29	Dantewada	Geedam	Pharaspal To Binjam	Faraspal	CJJ	1034	125.334	0.5	0.006
Total-							162	22200.270	0.5	1.110
163	35	Dantewada	Katekalyan	Parcheli To Katekalyan	Parcheli	BJJ	19	730.800	0.5	0.036
164	35	Dantewada	Katekalyan	Benglur To Gatam	Bengloor	CJJ	152	100.195	0.5	0.005
165	35	Dantewada	Katekalyan	Benglur To Gatam	Gatam	CJJ	213	33.084	0.5	0.002
166	35	Dantewada	Katekalyan	Parcheli To Katekalyan	Lakharas	CJJ	268	103.919	0.5	0.005
167	35	Dantewada	Katekalyan	Katekalyan To Benglur	Katekalyan	CJJ	287	28.508	0.5	0.001
168	35	Dantewada	Katekalyan	Parcheli To Katekalyan	Lakharas	CJJ	318	118.720	0.5	0.006
169	35	Dantewada	Katekalyan	Benglur To Gatam	Bengloor	CJJ	361	31.066	0.5	0.002
170	35	Dantewada	Katekalyan	Benglur To Gatam	Bengloor	CJJ	362	18.252	0.5	0.001
171	35	Dantewada	Katekalyan	Badelakhapal To Gatam	Badelakhapal	CJJ	641	91.125	0.5	0.005
172	35	Dantewada	Katekalyan	Katekalyan To Tumakpal	Katekalyan	CJJ	735	25.235	0.5	0.001
173	35	Dantewada	Katekalyan	Surnar To Dhanikarka	Surnar	CJJ	912	43.994	0.5	0.002
174	35	Dantewada	Katekalyan	Surnar To Dhanikarka	Surnar	CJJ	933	53.286	0.5	0.003
175	36	Dantewada	Katekalyan	Tumakpal To Gudse	Gudse	CJJ	27	125.386	0.5	0.006

Chhattisgarh BharatNet Phase-II Project

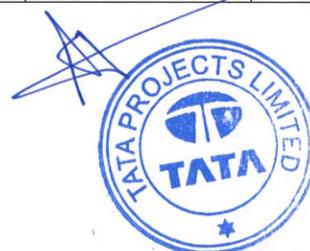
Table B - Area statement for proposed forest patches - Revenue Forest land (Chhote / Bade Jhad ka Jangal)										
Sl No.	Patch	District	Block	Route Name	Village	Type	Khasra No	Length (in m.)	Width (in m.)	Proposed Area (in Ha.)
176	36	Dantewada	Katekalyan	Tumakpal To Gudse	Tumakpal	CJJ	616	235.954	0.5	0.012
177	36	Dantewada	Katekalyan	Tumakpal To Gudse	Tumakpal	CJJ	637	51.282	0.5	0.003
178	36	Dantewada	Katekalyan	Tumakpal To Gudse	Tumakpal	BJJ	641	131.150	0.5	0.007
179	36	Dantewada	Katekalyan	Tumakpal To Gudse	Tumakpal	CJJ	676	140.673	0.5	0.007
180	39	Dantewada	Katekalyan	Chhotegudra To Mokhpal	Chhotegudra	CJJ	131	190.016	0.5	0.01
181	39	Dantewada	Katekalyan	Chhotegudra To Mokhpal	Chhotegudra	CJJ	503	27.194	0.5	0.001
182	40	Dantewada	Katekalyan	Bhusaras To Maharakarka	Bhusaras	BJJ	350	139.849	0.5	0.007
183	40	Dantewada	Katekalyan	Bhusaras To Maharakarka	Bhusaras	BJJ	378	303.538	0.5	0.015
184	40	Dantewada	Katekalyan	Bhusaras To Maharakarka	Bhusaras	BJJ	385	24.255	0.5	0.001
185	40	Dantewada	Katekalyan	Bhusaras To Maharakarka	Bhusaras	BJJ	390	91.917	0.5	0.005
186	41	Dantewada	Katekalyan	Koriras To Maharakarka	Koriras	BJJ	242	714.638	0.5	0.035
Total-							24	3564.036	0.5	0.178
Grand Total-							186	25764.306	0.5	1.288



Chhattisgarh BharatNet Phase-II Project

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

Point	Patch	Latitude in D:M:S	Longitude in D:M:S	Point	Patch	Latitude in D:M:S	Longitude in D:M:S
P-1	1	19°09'28.28816"	81°23'30.70884"	P-51	5	19°03'40.25223"	81°21'51.74119"
P-2	1	19°09'30.19835"	81°23'35.65542"	P-52	5	19°03'46.40515"	81°21'53.89329"
P-3	1	19°09'32.32583"	81°23'46.99363"	P-53	5	19°03'52.31069"	81°21'56.76455"
P-4	1	19°09'34.19381"	81°23'53.11813"	P-54	5	19°03'58.18165"	81°21'59.71436"
P-5	2	19°08'02.47560"	81°21'45.77795"	P-55	5	19°04'04.04390"	81°22'02.68287"
P-6	2	19°07'58.85613"	81°21'40.54378"	P-56	5	19°04'07.45411"	81°22'04.23272"
P-7	2	19°07'54.05438"	81°21'35.92768"	P-57	5	19°04'50.85577"	81°22'26.09946"
P-8	2	19°07'49.66253"	81°21'30.89316"	P-58	5	19°04'56.04370"	81°22'30.22148"
P-9	2	19°07'45.67499"	81°21'25.48890"	P-59	5	19°05'01.90059"	81°22'33.19579"
P-10	2	19°07'40.44012"	81°21'21.75970"	P-60	5	19°05'07.56594"	81°22'36.55868"
P-11	2	19°07'35.02904"	81°21'18.09074"	P-61	5	19°05'13.56236"	81°22'38.95769"
P-12	2	19°07'32.90260"	81°21'15.56858"	P-62	5	19°05'20.04344"	81°22'39.38555"
P-13	2	19°08'04.31327"	81°21'54.69205"	P-63	5	19°05'26.13860"	81°22'41.60844"
P-14	2	19°08'02.67040"	81°21'48.07031"	P-64	5	19°05'31.90385"	81°22'44.77380"
P-15	2	19°08'02.48907"	81°21'46.50226"	P-65	5	19°05'37.67841"	81°22'47.92253"
P-16	3	19°05'44.19787"	81°22'53.95975"	P-66	5	19°05'35.12729"	81°22'53.17829"
P-17	3	19°05'48.11358"	81°22'51.89809"	P-67	5	19°05'30.42499"	81°22'57.71152"
P-18	3	19°05'54.54610"	81°22'52.89160"	P-68	5	19°05'29.03835"	81°23'04.38617"
P-19	3	19°06'00.92557"	81°22'51.92076"	P-69	5	19°05'28.00280"	81°23'11.14296"
P-20	3	19°06'07.21383"	81°22'50.16287"	P-70	5	19°05'24.68484"	81°23'16.54197"
P-21	3	19°06'13.45323"	81°22'48.22629"	P-71	5	19°05'24.40025"	81°23'16.37037"
P-22	3	19°06'19.62976"	81°22'46.07499"	P-72	5	19°04'07.45411"	81°22'04.23272"
P-23	3	19°06'25.98002"	81°22'45.03693"	P-73	5	19°04'13.59930"	81°22'06.47661"
P-24	3	19°06'31.96587"	81°22'45.73509"	P-74	5	19°04'19.79003"	81°22'08.58052"
P-25	3	19°06'31.96587"	81°22'45.73509"	P-75	5	19°04'25.94801"	81°22'10.79148"
P-26	3	19°06'38.35805"	81°22'46.97821"	P-76	5	19°04'32.15565"	81°22'12.83858"
P-27	3	19°06'44.74212"	81°22'48.29709"	P-77	5	19°04'38.38623"	81°22'14.80843"
P-28	3	19°06'51.15094"	81°22'49.48044"	P-78	5	19°04'44.26663"	81°22'17.72519"
P-29	3	19°06'52.80714"	81°22'49.78624"	P-79	5	19°04'48.33098"	81°22'22.73076"
P-30	4	19°05'17.76614"	81°24'06.69669"	P-80	5	19°04'50.85577"	81°22'26.09946"
P-31	4	19°05'16.87254"	81°24'08.82290"	P-81	5	19°05'24.40025"	81°23'16.37037"
P-32	4	19°05'16.87254"	81°24'08.82290"	P-82	5	19°05'23.33786"	81°23'18.96444"



Chhattisgarh BharatNet Phase-II Project

Point	Patch	Latitude in D:M:S	Longitude in D:M:S	Point	Patch	Latitude in D:M:S	Longitude in D:M:S
P-33	4	19°05'14.72807"	81°24'13.36874"	P-83	5	19°05'24.40025"	81°23'16.37037"
P-34	4	19°05'14.72807"	81°24'13.36874"	P-84	5	19°05'23.35480"	81°23'18.96691"
P-35	4	19°05'13.03418"	81°24'18.87909"	P-85	5	19°03'08.90236"	81°21'45.77340"
P-36	4	19°05'11.96033"	81°24'21.03322"	P-86	5	19°03'13.36828"	81°21'45.51516"
P-37	4	19°05'08.86499"	81°24'23.55895"	P-87	5	19°03'04.66037"	81°21'46.02211"
P-38	4	19°05'08.43500"	81°24'24.03308"	P-88	5	19°03'08.90236"	81°21'45.77340"
P-39	4	19°05'04.21516"	81°24'29.23569"	P-89	5	19°03'03.33818"	81°21'46.11160"
P-40	4	19°05'02.07120"	81°24'32.45858"	P-90	5	19°03'04.66037"	81°21'46.02211"
P-41	4	19°05'00.91352"	81°24'34.22225"	P-91	6	19°07'25.28782"	81°21'07.55056"
P-42	4	19°05'00.53300"	81°24'34.81747"	P-92	6	19°07'24.87799"	81°21'07.28848"
P-43	4	19°04'59.04212"	81°24'36.98032"	P-93	6	19°07'24.87799"	81°21'07.28848"
P-44	4	19°04'57.24284"	81°24'39.46754"	P-94	6	19°07'24.60644"	81°21'07.17583"
P-45	4	19°04'53.73071"	81°24'51.16461"	P-95	6	19°07'24.91535"	81°21'06.21878"
P-46	4	19°04'52.81978"	81°24'54.58618"	P-96	6	19°07'23.75744"	81°21'06.84014"
P-47	5	19°03'14.95700"	81°21'45.42426"	P-97	6	19°07'23.75744"	81°21'06.84014"
P-48	5	19°03'21.30298"	81°21'46.82331"	P-98	6	19°07'19.79565"	81°21'04.24695"
P-49	5	19°03'27.61034"	81°21'48.50335"	P-99	6	19°07'19.63057"	81°21'04.12769"
P-50	5	19°03'33.90987"	81°21'50.21425"	P-100	6	19°07'14.25397"	81°21'00.28183"
P-101	6	19°07'12.18903"	81°20'58.54370"	P-151	9	19°03'50.44987"	81°15'01.64004"
P-102	7	19°07'05.78691"	81°20'53.92093"	P-152	9	19°03'59.52323"	81°14'57.31682"
P-103	7	19°07'01.52046"	81°20'48.81181"	P-153	9	19°03'55.62430"	81°15'00.85913"
P-104	7	19°06'57.16355"	81°20'43.82799"	P-154	9	19°03'55.16168"	81°15'01.49039"
P-105	7	19°06'51.48574"	81°20'40.48491"	P-155	10	19°02'36.50750"	81°16'18.89516"
P-106	7	19°06'45.71518"	81°20'37.32395"	P-156	10	19°02'30.38432"	81°16'20.42095"
P-107	7	19°06'39.52937"	81°20'35.31117"	P-157	10	19°02'10.21850"	81°16'06.16136"
P-108	7	19°06'33.25196"	81°20'33.56788"	P-158	10	19°02'08.01944"	81°16'03.98350"
P-109	7	19°06'27.30268"	81°20'30.81526"	P-159	10	19°01'41.04258"	81°15'29.28815"
P-110	7	19°06'21.43391"	81°20'27.86008"	P-160	10	19°01'37.20146"	81°15'22.41930"
P-111	7	19°06'15.44844"	81°20'25.18062"	P-161	10	19°01'52.68518"	81°15'46.67493"
P-112	7	19°06'09.40255"	81°20'22.68140"	P-162	10	19°01'48.48889"	81°15'41.44963"
P-113	7	19°06'03.96209"	81°20'18.93740"	P-163	10	19°01'48.69015"	81°15'41.71709"
P-114	7	19°05'57.82834"	81°20'20.27819"	P-164	10	19°01'48.30881"	81°15'41.14959"
P-115	7	19°05'57.54727"	81°20'20.39420"	P-165	10	19°01'48.85459"	81°15'38.50932"

Chhattisgarh BharatNet Phase-II Project

Point	Patch	Latitude in D:M:S	Longitude in D:M:S	Point	Patch	Latitude in D:M:S	Longitude in D:M:S
P-116	7	19°05'57.54727"	81°20'20.39420"	P-166	10	19°01'49.81639"	81°15'37.93660"
P-117	7	19°05'51.21880"	81°20'20.11257"	P-167	10	19°01'49.81639"	81°15'37.93660"
P-118	7	19°05'46.14825"	81°20'16.62092"	P-168	10	19°01'51.93851"	81°15'35.69060"
P-119	7	19°05'42.60564"	81°20'10.96897"	P-169	10	19°01'55.68720"	81°15'28.76855"
P-120	7	19°05'40.96239"	81°20'09.01414"	P-170	10	19°01'58.04707"	81°15'25.25780"
P-121	7	19°05'40.96239"	81°20'09.01414"	P-171	10	19°02'05.65593"	81°14'59.43957"
P-122	7	19°05'36.02531"	81°20'04.81557"	P-172	10	19°02'06.63193"	81°14'57.70558"
P-123	7	19°05'31.27558"	81°20'00.22371"	P-173	10	19°02'06.99541"	81°14'56.77728"
P-124	7	19°05'25.32659"	81°19'57.62450"	P-174	10	19°02'09.71935"	81°14'50.62216"
P-125	7	19°05'19.20666"	81°19'55.77829"	P-175	10	19°02'11.21787"	81°14'45.24410"
P-126	7	19°05'17.07137"	81°19'49.59410"	P-176	10	19°02'11.21787"	81°14'45.24410"
P-127	7	19°05'15.62701"	81°19'43.73626"	P-177	10	19°02'12.23156"	81°14'40.00107"
P-128	7	19°05'13.12312"	81°19'37.60412"	P-178	10	19°02'12.23156"	81°14'40.00107"
P-129	7	19°05'08.30388"	81°19'33.02833"	P-179	10	19°02'13.54740"	81°14'36.31867"
P-130	7	19°05'02.47607"	81°19'30.22438"	P-180	11	19°01'21.53478"	81°14'58.03844"
P-131	7	19°04'57.09330"	81°19'26.82794"	P-181	11	19°01'18.62402"	81°14'51.92976"
P-132	7	19°04'55.10662"	81°19'24.62420"	P-182	11	19°01'16.30073"	81°14'45.54219"
P-133	8	19°04'17.52226"	81°18'02.63961"	P-183	11	19°01'15.02306"	81°14'42.80649"
P-134	8	19°04'21.80854"	81°17'57.50275"	P-184	11	19°01'22.31501"	81°14'59.37880"
P-135	8	19°04'25.10617"	81°17'51.76992"	P-185	11	19°01'21.56823"	81°14'58.09648"
P-136	8	19°04'26.20529"	81°17'45.03079"	P-186	11	19°01'24.40190"	81°15'03.02995"
P-137	8	19°04'27.05729"	81°17'40.04984"	P-187	11	19°01'22.85185"	81°15'00.26661"
P-138	8	19°05'09.00629"	81°16'58.58675"	P-188	11	19°01'29.46317"	81°15'10.55234"
P-139	8	19°05'14.26294"	81°16'54.71911"	P-189	11	19°01'29.15528"	81°15'09.85568"
P-140	8	19°04'56.10682"	81°17'10.57555"	P-190	11	19°01'29.15528"	81°15'09.85568"
P-141	8	19°05'00.31514"	81°17'05.52806"	P-191	11	19°01'25.48262"	81°15'04.68445"
P-142	8	19°05'02.98099"	81°17'02.98113"	P-192	11	19°01'11.51643"	81°14'38.11476"
P-143	9	19°04'27.98432"	81°15'07.50627"	P-193	11	19°01'10.15684"	81°14'36.31682"
P-144	9	19°04'27.53497"	81°15'07.23331"	P-194	12	19°01'04.96424"	81°14'27.37441"
P-145	9	19°04'29.96768"	81°15'08.15988"	P-195	12	19°01'02.56503"	81°14'23.10668"
P-146	9	19°04'27.98432"	81°15'07.50627"	P-196	12	19°00'58.20684"	81°14'16.35292"
P-147	9	19°03'50.44987"	81°15'01.64004"	P-197	12	19°00'55.30542"	81°14'13.36949"
P-148	9	19°03'44.84244"	81°15'02.01338"	P-198	12	19°00'58.80567"	81°14'17.07876"

Chhattisgarh BharatNet Phase-II Project

Point	Patch	Latitude in D:M:S	Longitude in D:M:S	Point	Patch	Latitude in D:M:S	Longitude in D:M:S
P-149	9	19°03'44.18788"	81°15'02.53255"	P-199	12	19°00'58.20684"	81°14'16.35292"
P-150	9	19°03'54.82597"	81°15'02.02515"	P-200	12	19°01'02.56503"	81°14'23.10668"
P-201	12	19°00'59.42428"	81°14'17.95082"	P-251	18	19°00'35.45396"	81°15'03.27978"
P-202	13	19°00'49.36186"	81°14'04.10480"	P-252	18	19°00'35.09148"	81°15'04.43806"
P-203	13	19°00'49.83273"	81°14'07.83554"	P-253	18	19°00'37.51747"	81°14'57.58919"
P-204	13	19°00'48.53789"	81°14'07.48341"	P-254	18	19°00'36.42727"	81°15'00.30969"
P-205	13	19°00'51.04999"	81°13'57.38290"	P-255	18	19°00'36.09088"	81°15'01.17107"
P-206	13	19°00'50.32675"	81°14'00.26524"	P-256	18	19°00'38.82944"	81°14'52.94371"
P-207	13	19°00'51.31764"	81°13'56.31636"	P-257	18	19°00'38.74534"	81°14'54.85539"
P-208	13	19°00'51.04999"	81°13'57.38290"	P-258	18	19°00'37.52613"	81°14'57.59121"
P-209	14	19°00'52.68192"	81°13'50.15678"	P-259	18	19°00'35.07613"	81°15'04.43224"
P-210	14	19°00'52.64621"	81°13'50.61918"	P-260	18	19°00'33.98473"	81°15'07.08256"
P-211	14	19°00'52.49414"	81°13'48.01701"	P-261	19	19°00'26.65611"	81°15'27.40607"
P-212	14	19°00'52.58084"	81°13'48.61522"	P-262	19	19°00'24.77479"	81°15'33.94995"
P-213	14	19°00'52.58084"	81°13'48.61522"	P-263	19	19°00'22.85718"	81°15'40.48692"
P-214	14	19°00'51.23132"	81°13'40.80405"	P-264	19	19°00'20.98686"	81°15'47.03900"
P-215	14	19°00'52.02530"	81°13'44.55787"	P-265	19	19°00'19.05816"	81°15'53.57189"
P-216	14	19°00'48.10952"	81°13'34.39622"	P-266	19	19°00'18.89459"	81°15'54.12261"
P-217	14	19°00'50.13516"	81°13'37.22608"	P-267	19	19°00'26.67694"	81°15'27.44119"
P-218	15	19°00'46.25171"	81°13'10.94832"	P-268	19	19°00'24.78221"	81°15'33.98241"
P-219	15	19°00'39.93510"	81°13'09.43191"	P-269	19	19°00'22.86511"	81°15'40.51955"
P-220	15	19°00'39.86057"	81°13'09.37821"	P-270	19	19°00'20.99438"	81°15'47.07150"
P-221	16	19°00'29.24326"	81°13'18.84658"	P-271	19	19°00'19.06535"	81°15'53.60427"
P-222	16	19°00'28.92634"	81°13'25.63057"	P-272	19	19°00'18.92460"	81°15'54.07830"
P-223	16	19°00'31.02477"	81°13'32.05784"	P-273	19	19°00'29.19322"	81°15'19.05742"
P-224	16	19°00'33.86543"	81°13'38.19949"	P-274	19	19°00'28.77266"	81°15'20.75550"
P-225	16	19°00'39.37267"	81°13'40.93152"	P-275	20	18°59'35.18528"	81°16'19.12264"
P-226	16	19°00'43.29591"	81°13'37.67911"	P-276	20	18°59'32.37345"	81°16'25.28314"
P-227	16	18°59'51.78026"	81°13'16.01326"	P-277	20	18°59'28.65421"	81°16'30.76739"
P-228	16	18°59'58.26730"	81°13'15.66284"	P-278	20	18°59'33.97079"	81°16'33.36152"
P-229	16	19°00'04.54708"	81°13'16.82685"	P-279	20	18°59'40.33763"	81°16'34.68025"
P-230	16	19°00'10.79105"	81°13'18.65923"	P-280	20	18°59'45.48104"	81°16'38.56272"
P-231	16	19°00'17.29390"	81°13'18.50676"	P-281	20	18°59'50.64195"	81°16'41.28622"

Chhattisgarh BharatNet Phase-II Project

Point	Patch	Latitude in D:M:S	Longitude in D:M:S	Point	Patch	Latitude in D:M:S	Longitude in D:M:S
P-232	16	19°00'22.58362"	81°13'21.30266"	P-282	20	18°59'56.59319"	81°16'43.81818"
P-233	16	19°00'27.43640"	81°13'25.77384"	P-283	20	18°59'47.65176"	81°18'10.53854"
P-234	16	19°00'28.95020"	81°13'25.95160"	P-284	20	18°59'41.59225"	81°18'09.00185"
P-235	16	19°00'28.95020"	81°13'25.95160"	P-285	20	18°59'35.62824"	81°18'06.30833"
P-236	16	19°00'23.66467"	81°13'22.16252"	P-286	20	18°59'29.64869"	81°18'03.66357"
P-237	16	19°00'18.90689"	81°13'18.18871"	P-287	20	18°59'26.31140"	81°17'59.92121"
P-238	16	19°00'12.40232"	81°13'18.22574"	P-288	20	18°59'57.79771"	81°16'44.34327"
P-239	16	19°00'06.06057"	81°13'17.05670"	P-289	20	18°59'56.25788"	81°16'50.19771"
P-240	16	18°59'59.87340"	81°13'15.24862"	P-290	20	18°59'54.79387"	81°16'56.86171"
P-241	16	18°59'53.39083"	81°13'15.66547"	P-291	20	18°59'54.66262"	81°16'57.41259"
P-242	16	18°59'52.36208"	81°13'15.67191"	P-292	20	18°59'52.59597"	81°18'17.67751"
P-243	16	18°59'36.08610"	81°13'12.72227"	P-293	20	18°59'50.60358"	81°18'14.73297"
P-244	16	18°59'36.02404"	81°13'12.35499"	P-294	20	19°00'06.46097"	81°16'24.96698"
P-245	16	18°59'18.90474"	81°13'05.07443"	P-295	20	19°00'04.25889"	81°16'31.39772"
P-246	16	18°59'19.03044"	81°13'04.95917"	P-296	20	19°00'01.61987"	81°16'37.63180"
P-247	17	19°00'44.17741"	81°14'24.32606"	P-297	20	18°59'58.90398"	81°16'43.83945"
P-248	17	19°00'43.93625"	81°14'25.11133"	P-298	20	18°59'56.29924"	81°16'50.09155"
P-249	17	19°00'42.68720"	81°14'30.09713"	P-299	20	18°59'54.83547"	81°16'56.75577"
P-250	18	19°00'36.07997"	81°15'01.16687"	P-300	20	18°59'54.67381"	81°16'57.42362"
P-301	20	18°59'52.62774"	81°18'23.83888"	P-351	21	19°01'07.12554"	81°22'24.72571"
P-302	20	18°59'49.04422"	81°18'29.54154"	P-352	21	19°01'02.89386"	81°22'27.07454"
P-303	20	18°59'45.41616"	81°18'35.21357"	P-353	21	19°01'04.35074"	81°22'26.24860"
P-304	20	18°59'43.19553"	81°18'41.58891"	P-354	21	19°01'12.04128"	81°22'21.84597"
P-305	20	18°59'41.78627"	81°18'48.24963"	P-355	21	19°01'15.72907"	81°22'19.73577"
P-306	20	18°59'40.78574"	81°18'55.00805"	P-356	21	19°00'59.46493"	81°21'51.53298"
P-307	20	18°59'39.19471"	81°19'01.64025"	P-357	21	19°00'59.03969"	81°21'55.50457"
P-308	20	18°59'37.29885"	81°19'08.17161"	P-358	21	19°01'04.91629"	81°21'44.58156"
P-309	20	18°59'34.94251"	81°19'14.54543"	P-359	21	19°01'00.43119"	81°21'49.46138"
P-310	20	18°59'33.52377"	81°19'21.20437"	P-360	21	19°00'59.46493"	81°21'51.53298"
P-311	20	18°59'33.05443"	81°19'28.00435"	P-361	21	19°01'05.03789"	81°21'40.75742"
P-312	20	18°59'31.44300"	81°19'34.62545"	P-362	21	19°01'05.14410"	81°21'44.42233"
P-313	20	18°59'30.71540"	81°19'38.21303"	P-363	21	19°01'02.85116"	81°21'38.70492"
P-314	20	18°59'54.67381"	81°16'57.42362"	P-364	21	19°01'03.03254"	81°21'38.40505"

Chhattisgarh BharatNet Phase-II Project

Point	Patch	Latitude in D:M:S	Longitude in D:M:S	Point	Patch	Latitude in D:M:S	Longitude in D:M:S
P-315	20	18°59'53.28809"	81°17'04.10301"	P-365	21	19°01'04.75403"	81°21'39.50328"
P-316	20	18°59'53.29868"	81°17'10.92727"	P-366	21	19°01'05.03789"	81°21'40.75742"
P-317	20	18°59'54.53826"	81°17'17.62645"	P-367	21	19°00'59.35575"	81°22'03.86702"
P-318	20	18°59'55.17412"	81°17'24.40156"	P-368	21	19°01'00.57350"	81°22'10.56778"
P-319	20	18°59'54.13001"	81°17'31.15066"	P-369	21	19°01'02.65937"	81°22'15.24330"
P-320	20	18°59'52.99399"	81°17'37.88617"	P-370	21	19°01'04.58520"	81°21'37.59752"
P-321	20	18°59'51.84108"	81°17'44.57063"	P-371	21	19°01'04.69797"	81°21'39.09970"
P-322	20	18°59'50.48749"	81°17'51.23628"	P-372	21	19°00'55.94542"	81°21'20.22254"
P-323	20	18°59'50.18487"	81°17'58.05566"	P-373	21	19°00'59.22924"	81°21'26.12056"
P-324	20	18°59'52.58100"	81°18'04.28249"	P-374	21	19°00'59.68016"	81°21'26.91604"
P-325	20	18°59'52.95495"	81°18'11.10482"	P-375	21	19°01'00.86922"	81°21'29.20560"
P-326	20	18°59'53.41211"	81°18'17.90628"	P-376	21	19°01'03.10432"	81°21'33.71473"
P-327	20	18°59'52.62774"	81°18'23.83888"	P-377	22	18°59'20.08955"	81°20'59.50499"
P-328	20	18°59'54.66262"	81°16'57.41259"	P-378	22	18°59'17.90921"	81°21'05.92900"
P-329	20	18°59'53.27534"	81°17'04.09174"	P-379	22	18°59'18.71212"	81°21'12.70777"
P-330	20	18°59'53.28386"	81°17'10.91601"	P-380	22	18°59'20.96823"	81°21'19.05708"
P-331	20	18°59'54.52147"	81°17'17.61549"	P-381	22	18°59'22.37139"	81°21'25.73573"
P-332	20	18°59'55.16154"	81°17'24.39031"	P-382	22	18°59'22.23375"	81°21'32.21823"
P-333	20	18°59'54.11844"	81°17'31.13946"	P-383	22	18°59'16.89614"	81°21'36.07651"
P-334	20	18°59'52.98323"	81°17'37.87450"	P-384	22	18°59'12.83674"	81°21'41.19945"
P-335	20	18°59'51.82649"	81°17'44.55535"	P-385	22	18°59'12.12645"	81°21'45.10330"
P-336	20	18°59'50.47199"	81°17'51.22310"	P-386	22	18°59'20.70552"	81°20'57.93884"
P-337	20	18°59'51.65446"	81°18'02.51273"	P-387	22	18°59'20.08955"	81°20'59.50499"
P-338	20	18°59'52.84631"	81°18'09.03864"	P-388	22	18°59'22.65688"	81°20'53.27261"
P-339	20	18°59'53.47521"	81°18'15.83895"	P-389	22	18°59'20.70552"	81°20'57.93884"
P-340	20	18°59'51.10357"	81°18'01.48627"	P-390	22	18°59'23.81415"	81°20'50.40098"
P-341	20	18°59'51.47979"	81°18'02.22530"	P-391	22	18°59'23.23188"	81°20'51.86782"
P-342	20	19°00'02.16402"	81°16'12.35147"	P-392	22	18°59'27.30838"	81°20'09.67060"
P-343	20	19°00'00.26363"	81°16'11.41584"	P-393	22	18°59'25.78988"	81°20'16.32175"
P-344	20	19°00'08.04628"	81°16'15.72971"	P-394	22	18°59'25.99158"	81°20'20.05783"
P-345	20	19°00'06.16454"	81°16'15.06162"	P-395	22	18°59'05.47434"	81°22'00.80114"
P-346	20	18°59'26.31140"	81°17'59.92121"	P-396	22	18°59'04.85230"	81°22'02.47552"
P-347	20	18°59'24.67463"	81°17'58.24441"	P-397	22	18°59'07.29045"	81°21'56.03998"

Chhattisgarh BharatNet Phase-II Project

Point	Patch	Latitude in D:M:S	Longitude in D:M:S	Point	Patch	Latitude in D:M:S	Longitude in D:M:S
P-348	20	18°59'23.22779"	81°17'57.45903"	P-398	22	18°59'05.47434"	81°22'00.80114"
P-349	20	18°59'19.71890"	81°17'55.73281"	P-399	22	18°59'08.91627"	81°21'53.22284"
P-350	21	19°01'04.35074"	81°22'26.24860"	P-400	22	18°59'07.29045"	81°21'56.03998"
P-401	22	18°59'10.12128"	81°21'50.99917"	P-451	24	18°56'16.44591"	81°24'42.69610"
P-402	22	18°59'08.91627"	81°21'53.22284"	P-452	24	18°56'11.77046"	81°24'38.61863"
P-403	22	18°59'12.12645"	81°21'45.10330"	P-453	24	18°56'08.21266"	81°24'32.97094"
P-404	22	18°59'11.09959"	81°21'48.88717"	P-454	24	18°56'06.07180"	81°24'31.65526"
P-405	23	18°58'48.63519"	81°25'09.68480"	P-455	24	18°56'46.87076"	81°24'41.85556"
P-406	23	18°58'50.10514"	81°25'12.70505"	P-456	24	18°56'45.34682"	81°24'41.35713"
P-407	23	18°58'44.08651"	81°25'01.74873"	P-457	24	18°55'58.99521"	81°24'38.13500"
P-408	23	18°58'46.30729"	81°25'04.49766"	P-458	24	18°55'58.03143"	81°24'37.34197"
P-409	23	18°58'52.96303"	81°25'20.56974"	P-459	24	18°55'43.15334"	81°24'05.65028"
P-410	23	18°58'55.40800"	81°25'26.89586"	P-460	24	18°55'42.65329"	81°24'04.60837"
P-411	23	18°58'59.04832"	81°25'32.50332"	P-461	24	18°56'01.23643"	81°25'07.25813"
P-412	23	18°58'59.28711"	81°25'32.76933"	P-462	24	18°55'58.39577"	81°25'01.10895"
P-413	23	18°59'17.39346"	81°26'18.42419"	P-463	24	18°55'57.42218"	81°24'58.23098"
P-414	23	18°59'20.25031"	81°26'24.56091"	P-464	24	18°56'02.82756"	81°25'12.49446"
P-415	23	18°59'20.49383"	81°26'26.63294"	P-465	24	18°56'02.46966"	81°25'11.29025"
P-416	23	18°59'19.98774"	81°26'29.88866"	P-466	24	18°56'08.15310"	81°25'20.60245"
P-417	23	18°59'19.93654"	81°26'31.03007"	P-467	24	18°56'07.68921"	81°25'20.42140"
P-418	23	18°58'59.28711"	81°25'32.76933"	P-468	24	18°55'58.60742"	81°24'50.66364"
P-419	23	18°59'01.18289"	81°25'36.80677"	P-469	24	18°55'59.31956"	81°24'48.12664"
P-420	23	18°59'23.49791"	81°26'27.47325"	P-470	24	18°55'58.92402"	81°24'50.77840"
P-421	23	18°59'25.08869"	81°26'28.23882"	P-471	25	18°57'44.24780"	81°22'23.31515"
P-422	23	18°59'25.08869"	81°26'28.23882"	P-472	25	18°57'47.28090"	81°22'29.35793"
P-423	23	18°59'31.32274"	81°26'30.09579"	P-473	25	18°57'49.53132"	81°22'35.77160"
P-424	23	18°59'33.39854"	81°26'30.50277"	P-474	25	18°57'50.44207"	81°22'42.53436"
P-425	23	18°59'41.15422"	81°26'30.64990"	P-475	25	18°57'53.66851"	81°22'48.45341"
P-426	23	18°59'41.92447"	81°26'30.46675"	P-476	25	18°57'56.93799"	81°22'54.33130"
P-427	23	18°59'41.92447"	81°26'30.46675"	P-477	25	18°58'01.46540"	81°22'59.21587"
P-428	23	18°59'44.35237"	81°26'30.12403"	P-478	25	18°58'05.79413"	81°23'04.32184"
P-429	23	19°00'02.46896"	81°26'23.59468"	P-479	25	18°58'07.24861"	81°23'06.04054"
P-430	23	19°00'02.46896"	81°26'23.59468"	P-480	26	18°57'16.25796"	81°21'34.48632"

Chhattisgarh BharatNet Phase-II Project

Point	Patch	Latitude in D:M:S	Longitude in D:M:S	Point	Patch	Latitude in D:M:S	Longitude in D:M:S
P-431	23	19°00'23.35549"	81°25'40.88387"	P-481	26	18°57'20.11596"	81°21'34.86328"
P-432	23	19°00'25.16396"	81°25'38.56589"	P-482	26	18°57'22.05716"	81°21'34.91923"
P-433	23	19°00'19.90936"	81°25'41.95093"	P-483	26	18°57'27.19756"	81°21'47.32575"
P-434	23	19°00'23.35549"	81°25'40.88387"	P-484	26	18°57'29.62220"	81°21'53.64613"
P-435	23	18°59'17.04762"	81°26'56.01936"	P-485	26	18°57'31.13369"	81°21'55.29347"
P-436	23	18°59'17.08482"	81°26'56.07996"	P-486	26	18°57'24.33449"	81°21'40.36328"
P-437	23	19°00'12.23483"	81°26'24.51148"	P-487	26	18°57'26.96078"	81°21'46.53049"
P-438	23	19°00'16.20719"	81°26'29.89329"	P-488	26	18°57'27.15901"	81°21'47.20630"
P-439	23	19°00'19.05282"	81°26'36.01465"	P-489	26	18°57'22.19658"	81°21'38.82204"
P-440	23	19°00'20.15771"	81°26'38.16155"	P-490	26	18°57'22.61323"	81°21'39.09392"
P-441	23	19°00'26.59321"	81°26'49.95615"	P-491	26	18°57'20.89932"	81°21'37.90990"
P-442	23	19°00'29.04542"	81°26'51.76730"	P-492	26	18°57'22.19658"	81°21'38.82204"
P-443	24	18°57'04.36868"	81°24'44.60066"	P-493	27	18°56'32.26454"	81°18'42.39721"
P-444	24	18°56'57.91045"	81°24'43.76982"	P-494	27	18°56'30.86407"	81°18'48.66992"
P-445	24	18°56'51.47802"	81°24'42.75224"	P-495	27	18°56'27.69214"	81°18'54.48108"
P-446	24	18°56'46.87076"	81°24'41.85556"	P-496	27	18°56'24.02021"	81°18'59.98423"
P-447	24	18°56'41.77312"	81°24'40.45081"	P-497	27	18°56'25.70022"	81°19'06.48153"
P-448	24	18°56'35.54034"	81°24'39.66035"	P-498	27	18°56'26.40233"	81°19'09.59513"
P-449	24	18°56'29.36492"	81°24'41.74306"	P-499	27	18°55'42.70408"	81°20'36.59236"
P-450	24	18°56'22.91214"	81°24'42.54660"	P-500	27	18°55'49.13873"	81°20'35.79070"
P-501	27	18°55'55.63292"	81°20'36.21899"	P-551	27	18°56'38.42269"	81°17'56.30054"
P-502	27	18°56'00.43369"	81°20'36.59466"	P-552	27	18°56'40.49978"	81°17'58.91735"
P-503	27	18°57'26.49850"	81°17'46.63899"	P-553	27	18°56'41.32317"	81°17'58.72370"
P-504	27	18°57'17.69904"	81°17'49.91825"	P-554	28	18°57'19.27550"	81°13'47.54328"
P-505	27	18°57'14.50490"	81°17'51.33591"	P-555	28	18°57'25.09038"	81°13'45.96959"
P-506	27	18°57'27.02400"	81°17'46.76625"	P-556	28	18°57'31.44071"	81°13'46.97812"
P-507	27	18°57'22.48521"	81°17'48.05909"	P-557	28	18°57'37.88458"	81°13'46.17244"
P-508	27	18°57'34.48620"	81°17'48.95872"	P-558	28	18°57'42.25890"	81°13'44.06594"
P-509	27	18°57'31.28930"	81°17'47.92029"	P-559	28	18°56'35.84188"	81°14'51.28801"
P-510	27	18°57'42.65415"	81°17'47.03942"	P-560	28	18°56'36.27504"	81°14'47.05038"
P-511	27	18°57'37.90313"	81°17'48.29754"	P-561	28	18°56'36.27504"	81°14'47.05038"
P-512	27	18°56'32.85177"	81°18'40.26508"	P-562	28	18°56'39.21716"	81°14'40.97589"
P-513	27	18°56'32.26454"	81°18'42.39721"	P-563	28	18°56'40.28287"	81°14'39.85397"

Chhattisgarh BharatNet Phase-II Project

Point	Patch	Latitude in D:M:S	Longitude in D:M:S	Point	Patch	Latitude in D:M:S	Longitude in D:M:S
P-514	27	18°56'34.34465"	81°18'34.95729"	P-564	28	18°56'47.11050"	81°14'35.08389"
P-515	27	18°56'32.85177"	81°18'40.26508"	P-565	28	18°56'48.05711"	81°14'33.04948"
P-516	27	18°56'38.85236"	81°18'23.24476"	P-566	28	18°56'51.61575"	81°14'22.69211"
P-517	27	18°56'37.73753"	81°18'25.46278"	P-567	28	18°56'52.87788"	81°14'19.05854"
P-518	27	18°56'40.05437"	81°18'18.54639"	P-568	28	18°56'53.95470"	81°14'16.49243"
P-519	27	18°56'38.85236"	81°18'23.24476"	P-569	28	18°56'57.64336"	81°14'11.22018"
P-520	27	18°56'42.99382"	81°18'04.06024"	P-570	28	18°56'57.64336"	81°14'11.22018"
P-521	27	18°56'42.17334"	81°18'04.95621"	P-571	28	18°56'59.06542"	81°14'08.95568"
P-522	27	18°56'26.40233"	81°19'09.59513"	P-572	28	18°57'07.91415"	81°14'00.59036"
P-523	27	18°56'26.01165"	81°19'11.22238"	P-573	28	18°57'12.44062"	81°13'55.86329"
P-524	27	18°56'26.01165"	81°19'11.22238"	P-574	28	18°57'15.72117"	81°13'50.22920"
P-525	27	18°56'25.10231"	81°19'15.53556"	P-575	28	18°57'19.27550"	81°13'47.54328"
P-526	27	18°56'25.31412"	81°19'17.39078"	P-576	28	18°57'42.25890"	81°13'44.06594"
P-527	27	18°56'25.23480"	81°19'15.97754"	P-577	28	18°57'43.34386"	81°13'44.99358"
P-528	27	18°56'19.69243"	81°19'18.57735"	P-578	29	18°56'17.30513"	81°15'39.08996"
P-529	27	18°56'18.56449"	81°19'18.88165"	P-579	29	18°56'19.36424"	81°15'32.62516"
P-530	27	18°56'00.14933"	81°19'35.60220"	P-580	29	18°56'23.51055"	81°15'27.37673"
P-531	27	18°55'56.45923"	81°19'37.13681"	P-581	29	18°56'25.98905"	81°15'22.65282"
P-532	27	18°55'55.47852"	81°19'37.48579"	P-582	29	18°56'11.88197"	81°16'08.87014"
P-533	27	18°55'53.92274"	81°19'38.02331"	P-583	29	18°56'13.99321"	81°16'05.21399"
P-534	27	18°55'53.92274"	81°19'38.02331"	P-584	29	18°56'16.56132"	81°16'01.12108"
P-535	27	18°55'47.85640"	81°19'40.42138"	P-585	29	18°56'18.69343"	81°16'00.53819"
P-536	27	18°55'44.61603"	81°19'44.73652"	P-586	29	18°56'17.73997"	81°16'00.16473"
P-537	27	18°56'12.56397"	81°20'38.41750"	P-587	29	18°56'17.49799"	81°15'59.64540"
P-538	27	18°56'12.21695"	81°20'38.26392"	P-588	29	18°56'18.93017"	81°15'57.35515"
P-539	27	18°55'32.56716"	81°20'29.50689"	P-589	29	18°56'18.93017"	81°15'57.35515"
P-540	27	18°55'32.81531"	81°20'30.14774"	P-590	29	18°56'20.18422"	81°15'54.31022"
P-541	27	18°56'45.96487"	81°21'00.41935"	P-591	29	18°56'21.01455"	81°15'48.51992"
P-542	27	18°56'45.67496"	81°21'00.18692"	P-592	29	18°56'20.57374"	81°15'49.64183"
P-543	27	18°56'37.28071"	81°20'53.81525"	P-593	29	18°56'19.77240"	81°15'47.98361"
P-544	27	18°56'36.84985"	81°20'53.51578"	P-594	29	18°56'20.21992"	81°15'48.61301"
P-545	27	18°56'24.83696"	81°20'43.78053"	P-595	29	18°56'20.14434"	81°15'48.39319"
P-546	27	18°56'28.93559"	81°20'47.22276"	P-596	29	18°56'19.77240"	81°15'47.98361"

Chhattisgarh BharatNet Phase-II Project

Point	Patch	Latitude in D:M:S	Longitude in D:M:S	Point	Patch	Latitude in D:M:S	Longitude in D:M:S
P-547	27	18°56'38.63409"	81°17'56.88649"	P-597	29	18°56'18.82942"	81°15'46.79440"
P-548	27	18°56'39.11280"	81°17'57.68052"	P-598	29	18°56'17.43326"	81°15'45.08619"
P-549	27	18°56'39.29040"	81°17'57.04190"	P-599	29	18°56'17.30513"	81°15'39.08996"
P-550	27	18°56'38.36490"	81°17'56.66633"	P-600	29	18°57'20.36631"	81°15'16.07323"
P-601	29	18°57'16.73165"	81°15'14.89917"	P-651	31	18°54'53.49822"	81°18'02.30331"
P-602	29	18°57'18.10668"	81°15'32.96364"	P-652	31	18°54'58.06543"	81°17'57.43429"
P-603	29	18°57'19.40949"	81°15'29.97431"	P-653	31	18°55'03.19159"	81°17'53.30687"
P-604	29	18°57'22.27839"	81°15'50.29471"	P-654	31	18°55'09.07083"	81°17'50.37924"
P-605	29	18°57'22.24283"	81°15'50.01911"	P-655	31	18°55'14.95040"	81°17'47.45206"
P-606	29	18°57'00.80235"	81°15'10.79056"	P-656	31	18°55'15.93748"	81°17'46.96249"
P-607	29	18°56'55.15353"	81°15'09.93672"	P-657	32	18°52'50.87588"	81°21'02.56947"
P-608	29	18°57'01.52623"	81°15'10.92512"	P-658	32	18°52'57.26534"	81°21'03.83522"
P-609	29	18°57'00.80235"	81°15'10.79056"	P-659	32	18°53'03.16943"	81°21'02.00772"
P-610	29	18°57'11.61043"	81°15'52.87656"	P-660	32	18°52'38.30139"	81°21'01.90228"
P-611	29	18°57'12.08250"	81°15'52.74148"	P-661	32	18°52'43.82577"	81°21'00.97906"
P-612	29	18°56'37.31179"	81°16'02.21878"	P-662	33	18°48'57.81084"	81°20'25.17592"
P-613	29	18°56'43.39956"	81°16'00.62564"	P-663	33	18°49'04.04497"	81°20'23.22367"
P-614	29	18°56'43.47950"	81°16'00.55984"	P-664	33	18°49'10.41018"	81°20'21.84832"
P-615	29	18°56'24.88106"	81°16'02.70438"	P-665	33	18°49'16.57711"	81°20'19.86335"
P-616	29	18°56'31.14108"	81°16'01.56976"	P-666	33	18°49'22.56075"	81°20'17.65916"
P-617	29	18°56'37.31179"	81°16'02.21878"	P-667	33	18°49'26.10080"	81°20'16.95723"
P-618	29	18°56'22.68988"	81°16'02.43919"	P-668	33	18°49'26.10080"	81°20'16.95723"
P-619	29	18°56'18.11099"	81°16'00.31006"	P-669	33	18°49'32.47400"	81°20'15.60921"
P-620	29	18°56'43.47950"	81°16'00.55984"	P-670	33	18°49'38.33892"	81°20'14.53714"
P-621	29	18°56'43.96284"	81°15'59.37499"	P-671	33	18°49'44.27579"	81°20'16.97687"
P-622	30	18°55'50.19357"	81°17'06.40712"	P-672	33	18°49'49.78569"	81°20'18.91648"
P-623	30	18°55'54.24612"	81°17'01.05968"	P-673	34	18°47'38.92262"	81°22'23.86788"
P-624	30	18°55'57.69530"	81°16'55.29903"	P-674	34	18°47'41.05269"	81°22'17.47348"
P-625	30	18°56'00.35497"	81°16'49.05920"	P-675	34	18°47'42.53313"	81°22'10.91328"
P-626	30	18°56'03.32897"	81°16'42.99012"	P-676	34	18°47'45.62353"	81°22'04.90262"
P-627	30	18°56'06.70750"	81°16'37.14688"	P-677	34	18°47'48.92604"	81°21'59.01695"
P-628	30	18°56'09.84043"	81°16'31.18728"	P-678	34	18°47'52.82494"	81°21'53.57967"
P-629	30	18°56'09.16033"	81°16'24.40722"	P-679	34	18°47'55.30054"	81°21'48.51472"

Chhattisgarh BharatNet Phase-II Project

Point	Patch	Latitude in D:M:S	Longitude in D:M:S	Point	Patch	Latitude in D:M:S	Longitude in D:M:S
P-630	30	18°56'08.49225"	81°16'17.63418"	P-680	35	18°48'37.25613"	81°33'13.88025"
P-631	30	18°56'08.76390"	81°16'16.57666"	P-681	35	18°48'35.66669"	81°33'08.06094"
P-632	31	18°54'25.60387"	81°19'44.00232"	P-682	35	18°48'37.57949"	81°33'02.30277"
P-633	31	18°54'19.10859"	81°19'43.83003"	P-683	35	18°48'31.14398"	81°33'02.22209"
P-634	31	18°54'13.09341"	81°19'45.76453"	P-684	35	18°48'28.56756"	81°32'59.73324"
P-635	31	18°54'06.82722"	81°19'47.43903"	P-685	35	18°47'45.30799"	81°32'13.46534"
P-636	31	18°54'00.33806"	81°19'47.61860"	P-686	35	18°47'38.84448"	81°32'13.40619"
P-637	31	18°54'01.47924"	81°19'42.12714"	P-687	35	18°47'33.06324"	81°32'10.55449"
P-638	31	18°54'17.30783"	81°19'04.09645"	P-688	35	18°47'29.10078"	81°32'10.05728"
P-639	31	18°54'17.29485"	81°18'57.34805"	P-689	35	18°47'21.26689"	81°32'07.35284"
P-640	31	18°54'17.96937"	81°18'50.68377"	P-690	35	18°47'16.48694"	81°32'03.24974"
P-641	31	18°54'20.56936"	81°18'45.79807"	P-691	35	18°47'13.25598"	81°32'03.96422"
P-642	31	18°54'22.75226"	81°18'41.96230"	P-692	35	18°47'11.44537"	81°32'05.93825"
P-643	31	18°54'26.34214"	81°18'36.26083"	P-693	35	18°46'01.78501"	81°30'07.94968"
P-644	31	18°54'29.98703"	81°18'30.59826"	P-694	35	18°45'59.76705"	81°30'01.49434"
P-645	31	18°54'33.62456"	81°18'24.93654"	P-695	35	18°45'58.10435"	81°29'54.95444"
P-646	31	18°54'37.73882"	81°18'19.64274"	P-696	35	18°45'57.65706"	81°29'53.22205"
P-647	31	18°54'41.93357"	81°18'14.41749"	P-697	35	18°45'46.73733"	81°28'36.72276"
P-648	31	18°54'46.52069"	81°18'09.57086"	P-698	35	18°45'45.42626"	81°28'30.42991"
P-649	31	18°54'48.90927"	81°18'07.14328"	P-699	35	18°45'43.83100"	81°28'23.91216"
P-650	31	18°54'48.90582"	81°18'07.14690"	P-700	35	18°45'42.43055"	81°28'21.55370"
P-701	35	18°45'54.40512"	81°25'57.33973"	P-751	36	18°47'24.10645"	81°37'44.83509"
P-702	35	18°45'55.93227"	81°25'50.73493"	P-752	36	18°47'13.67614"	81°38'01.75540"
P-703	35	18°45'53.78461"	81°25'49.63686"	P-753	36	18°47'14.59686"	81°37'57.40357"
P-704	35	18°44'49.19020"	81°25'16.59558"	P-754	36	18°47'12.91128"	81°38'03.27240"
P-705	35	18°44'42.75702"	81°25'15.79812"	P-755	36	18°47'13.67614"	81°38'01.75540"
P-706	35	18°44'37.09563"	81°25'12.98538"	P-756	36	18°46'45.36459"	81°37'58.85282"
P-707	35	18°44'35.06420"	81°25'10.42899"	P-757	36	18°46'49.71573"	81°38'00.32609"
P-708	35	18°48'00.21710"	81°38'35.93212"	P-758	36	18°46'21.45021"	81°37'59.48457"
P-709	35	18°48'01.34584"	81°38'32.58763"	P-759	36	18°46'24.24065"	81°37'56.37942"
P-710	35	18°48'00.27807"	81°39'09.57637"	P-760	36	18°47'16.53582"	81°37'51.18022"
P-711	35	18°47'56.32586"	81°39'04.82930"	P-761	36	18°47'17.99663"	81°37'50.69867"
P-712	35	18°47'54.85586"	81°39'09.95606"	P-762	36	18°47'16.99943"	81°37'51.33142"

Chhattisgarh BharatNet Phase-II Project

Point	Patch	Latitude in D:M:S	Longitude in D:M:S	Point	Patch	Latitude in D:M:S	Longitude in D:M:S
P-713	35	18°47'55.61476"	81°39'05.11163"	P-763	37	18°45'08.58053"	81°36'34.86325"
P-714	35	18°47'54.66480"	81°39'09.44432"	P-764	37	18°45'09.67451"	81°36'39.11393"
P-715	35	18°48'26.26627"	81°37'51.08614"	P-765	37	18°45'14.31558"	81°36'43.45092"
P-716	35	18°48'26.70561"	81°37'50.22839"	P-766	37	18°45'11.17272"	81°36'48.51257"
P-717	35	18°48'45.25052"	81°37'14.24283"	P-767	37	18°45'11.72622"	81°36'55.14143"
P-718	35	18°48'47.12994"	81°37'11.44991"	P-768	37	18°45'16.18326"	81°36'59.27248"
P-719	35	18°48'42.21971"	81°36'35.89088"	P-769	37	18°45'20.65346"	81°37'03.45588"
P-720	35	18°48'42.39856"	81°36'34.84654"	P-770	37	18°45'22.99351"	81°37'09.28769"
P-721	35	18°48'42.39856"	81°36'34.84654"	P-771	37	18°45'29.39026"	81°37'10.15949"
P-722	35	18°48'42.53186"	81°36'34.23895"	P-772	37	18°45'30.44780"	81°37'10.28622"
P-723	35	18°49'04.30367"	81°34'58.79494"	P-773	38	18°42'17.11404"	81°30'13.03365"
P-724	35	18°49'05.21599"	81°34'58.23100"	P-774	38	18°42'19.10914"	81°30'19.52694"
P-725	35	18°48'57.74576"	81°33'49.52877"	P-775	38	18°42'19.82747"	81°30'26.30899"
P-726	35	18°48'56.75102"	81°33'48.03823"	P-776	38	18°42'21.19739"	81°30'32.97936"
P-727	35	18°46'00.79020"	81°30'57.23370"	P-777	38	18°42'23.89591"	81°30'39.18594"
P-728	35	18°46'01.69754"	81°30'56.09192"	P-778	38	18°42'22.47997"	81°30'45.34672"
P-729	35	18°46'00.36990"	81°31'07.50955"	P-779	38	18°42'23.82438"	81°30'51.90713"
P-730	35	18°46'00.06819"	81°31'05.37251"	P-780	38	18°42'27.80720"	81°30'57.29661"
P-731	35	18°47'44.94743"	81°38'33.34565"	P-781	38	18°42'31.40572"	81°31'02.92680"
P-732	35	18°47'46.51342"	81°38'37.01228"	P-782	38	18°42'32.98057"	81°31'09.04260"
P-733	35	18°47'34.20721"	81°38'16.18319"	P-783	38	18°42'33.63384"	81°31'12.38712"
P-734	35	18°47'34.11439"	81°38'17.03920"	P-784	39	18°40'12.46209"	81°28'18.70607"
P-735	36	18°46'55.65963"	81°38'03.12498"	P-785	39	18°40'06.08919"	81°28'17.45893"
P-736	36	18°47'02.10546"	81°38'02.99864"	P-786	39	18°39'59.73433"	81°28'18.67810"
P-737	36	18°47'07.49302"	81°38'05.20340"	P-787	39	18°39'54.73201"	81°28'22.97818"
P-738	36	18°47'10.52448"	81°38'06.33450"	P-788	39	18°39'50.00934"	81°28'27.32986"
P-739	36	18°46'25.79502"	81°37'49.39134"	P-789	39	18°39'49.89367"	81°28'27.33129"
P-740	36	18°46'30.75487"	81°37'53.79162"	P-790	39	18°39'49.89367"	81°28'27.33129"
P-741	36	18°46'36.11483"	81°37'57.27054"	P-791	39	18°39'46.42944"	81°28'32.86376"
P-742	36	18°46'42.13826"	81°37'58.13905"	P-792	39	18°39'40.71990"	81°28'31.32377"
P-743	36	18°46'26.04024"	81°37'51.73296"	P-793	39	18°39'34.85341"	81°28'28.66824"
P-744	36	18°46'26.63348"	81°37'50.30204"	P-794	39	18°39'28.53370"	81°28'27.04321"
P-745	36	18°46'26.63348"	81°37'50.30204"	P-795	39	18°39'22.17049"	81°28'25.61603"

Chhattisgarh BharatNet Phase-II Project

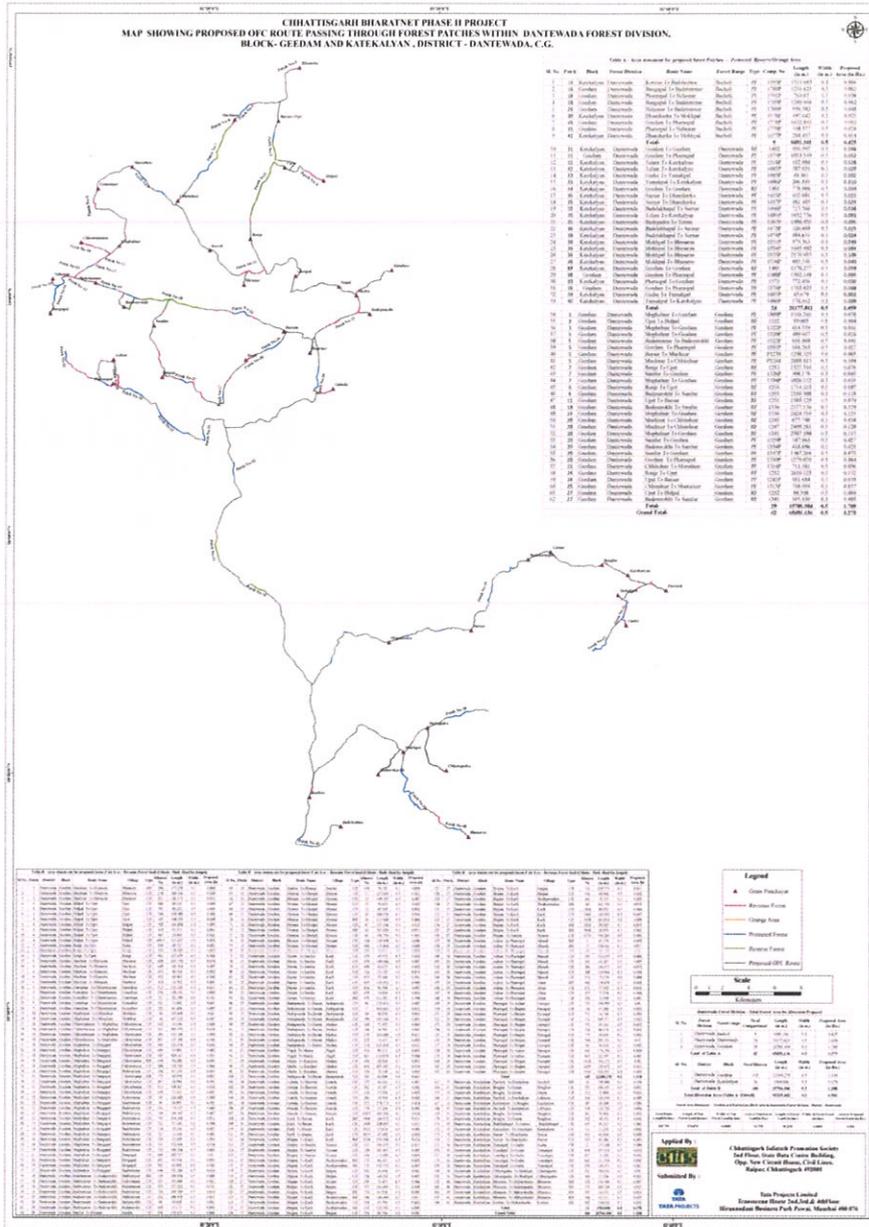
Point	Patch	Latitude in D:M:S	Longitude in D:M:S	Point	Patch	Latitude in D:M:S	Longitude in D:M:S
P-746	36	18°46'25.71930"	81°37'51.43602"	P-796	39	18°39'16.09137"	81°28'23.34053"
P-747	36	18°47'23.67343"	81°37'44.77344"	P-797	39	18°39'11.72788"	81°28'26.36367"
P-748	36	18°47'27.47239"	81°37'42.16501"	P-798	39	18°39'13.14765"	81°28'32.93735"
P-749	36	18°47'27.58793"	81°37'42.36163"	P-799	39	18°39'11.56205"	81°28'38.74896"
P-750	36	18°47'27.58793"	81°37'42.36163"	P-800	39	18°39'06.31735"	81°28'40.75548"
P-801	39	18°39'02.45055"	81°28'36.79754"	P-823	40	18°38'16.47361"	81°29'42.41823"
P-802	39	18°39'02.45055"	81°28'36.79754"	P-824	40	18°38'14.57685"	81°29'44.66934"
P-803	39	18°38'57.85019"	81°28'39.60979"	P-825	40	18°38'14.10704"	81°29'45.33411"
P-804	39	18°38'51.84224"	81°28'41.09505"	P-826	40	18°38'08.45023"	81°29'53.66524"
P-805	39	18°38'47.85957"	81°28'46.28370"	P-827	40	18°38'02.34977"	81°29'53.91178"
P-806	39	18°38'43.12707"	81°28'50.43266"	P-828	40	18°37'58.99821"	81°29'53.95084"
P-807	39	18°38'37.83364"	81°28'52.48382"	P-829	40	18°37'58.99821"	81°29'53.95084"
P-808	39	18°38'39.11673"	81°28'57.70755"	P-830	40	18°37'55.23835"	81°29'56.45704"
P-809	39	18°38'34.04340"	81°28'59.21000"	P-831	41	18°37'21.15599"	81°24'01.38640"
P-810	39	18°38'30.55940"	81°29'04.60885"	P-832	41	18°37'17.33501"	81°23'55.86433"
P-811	39	18°38'28.46316"	81°29'06.53627"	P-833	41	18°37'13.85582"	81°23'50.10111"
P-812	39	18°40'03.92722"	81°30'11.75423"	P-834	41	18°36'58.58650"	81°24'05.22788"
P-813	39	18°40'04.04996"	81°30'10.83795"	P-835	41	18°36'57.51547"	81°24'11.95086"
P-814	39	18°40'11.32031"	81°29'57.14044"	P-836	41	18°36'55.87837"	81°24'18.55621"
P-815	39	18°40'10.72172"	81°29'57.43805"	P-837	41	18°36'54.70871"	81°24'25.22310"
P-816	40	18°37'39.65889"	81°30'21.63238"	P-838	41	18°36'55.01277"	81°24'29.15770"
P-817	40	18°37'40.09511"	81°30'28.44057"	P-839	41	18°39'14.01830"	81°24'23.12180"
P-818	40	18°37'39.10380"	81°30'35.08075"	P-840	41	18°39'20.12707"	81°24'25.28618"
P-819	40	18°37'37.13571"	81°30'41.58553"	P-841	41	18°39'23.82575"	81°24'25.79753"
P-820	40	18°37'36.13618"	81°30'48.31365"	P-842	41	18°39'17.72569"	81°24'23.55499"
P-821	40	18°37'34.71896"	81°30'52.82819"	P-843	41	18°39'14.11237"	81°24'22.66097"
P-822	40	18°38'18.69877"	81°29'40.33115"				



Chhattisgarh BharatNet Phase-II Project

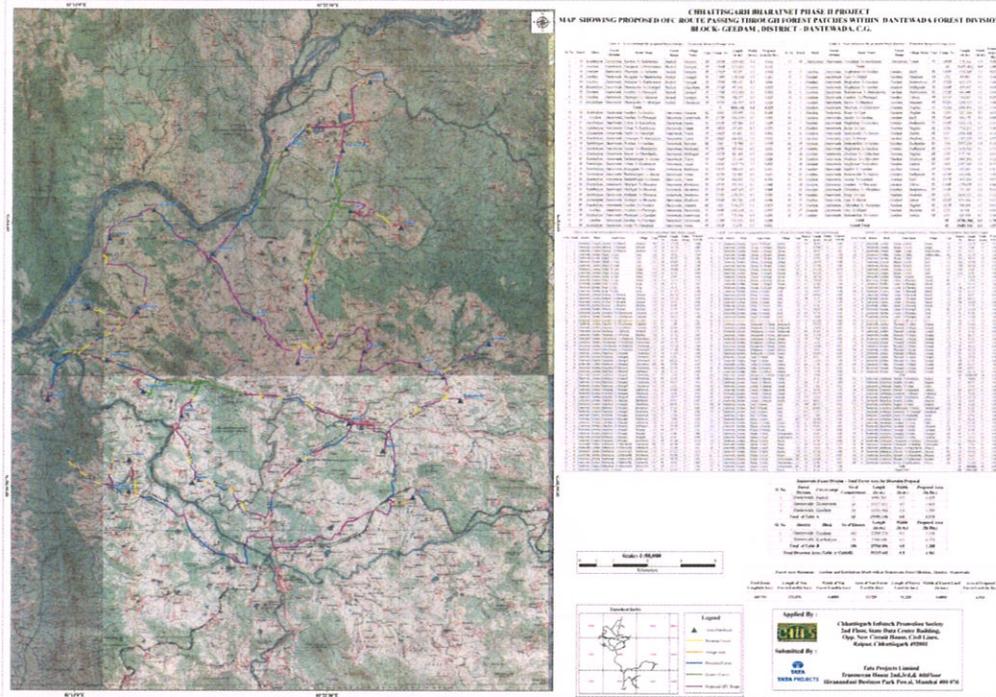
5.3. Geo-Referenced Maps of the Proposed Route (Annexure-3)

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

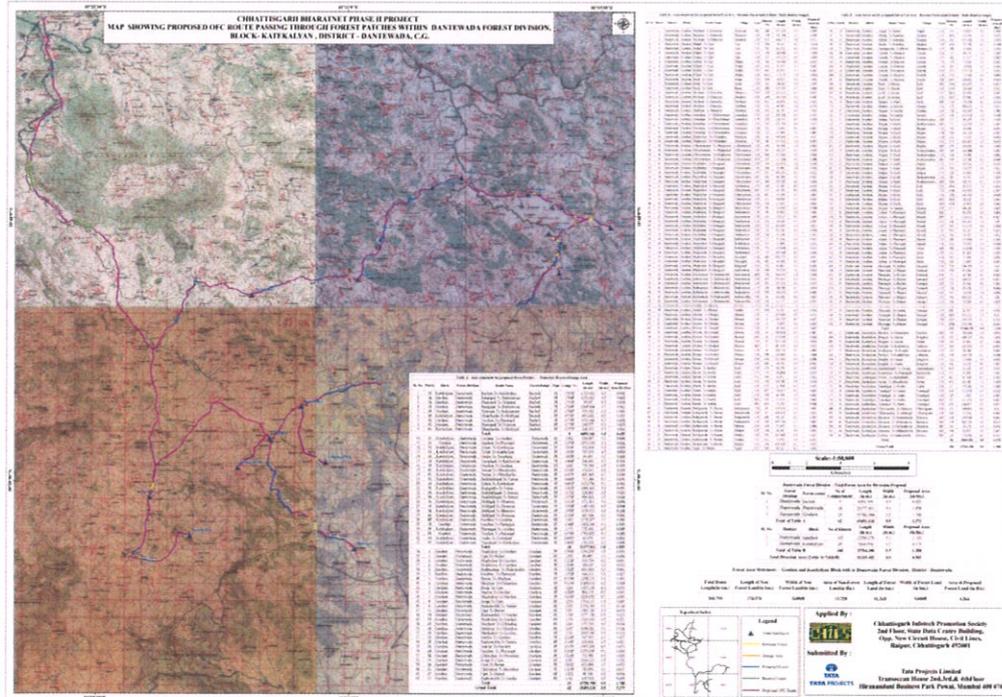


Chhattisgarh BharatNet Phase-II Project

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



Geo-Referenced Toposheet Map of Forest Patched Geedam Block in Dantewada Forest Division.



Geo-Referenced Toposheet Map of Forest Patched Katekalyan Block in Dantewada Forest Division.

२०२३

