

कार्यालय वनमण्डलाधिकारी, पश्चिम भानुप्रतापपुर वनमण्डल

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क्रमांक/मा.वि. /2020/..6.3.13

भानुप्रतापपुर, दिनांक.

प्रति,

18/8/2020

प्राधिकृत अधिकारी
टाटा प्रोजेक्ट्स लिमिटेड
"भारत नेट प्रोजेक्ट्स" आफिस
नं. 402 चौथी मंजिल ओफिस
मैगनेटो मौल जी.ई. रोड लभाण्डी रायपुर छ.ग.

विषय :- भारत सरकार की महत्वपूर्ण योजना "भारतनेट प्राजेक्ट", भारतनेट प्राजेक्ट फेज - II के सफल क्रियान्वयन हेतु कांकर जिला में पश्चिम भानुप्रतापपुर वनमण्डल क्षेत्रांतर्गत कोयलीबेड़ा ब्लॉक के शामिल ग्राम पंचायतों को ब्लॉक मुख्यालय से जोड़ने वाले मार्गों के मौजूदा राइट-आफ-वे के अंतर्गत वन भूमि रकबा 4.894 हे. एवं राजस्व वनभूमि 0.429 हे. कुल रकबा 5.323 हे. पर अटिकल फायबर केबल बिछाने हेतु वन भूमि का वन संरक्षण अधिनियम 1980 के अंतर्गत वनभूमि के गैर वानिकी प्रायोजन हेतु व्यपवर्तन प्रस्ताव हेतु डी.जी.पी.एस./लीडर सर्वे रिपोर्ट के सत्यापन बाबत।

संदर्भ :- स्टेट हेड (आर ओ डब्ल्यू) टाटा प्राजेक्ट लिमिटेड रायपुर छ.ग. का पत्र क्रं./भा.ने.प्रो./ओ.एफ.सी./वनभूमि/प्रस्ताव/2019-20/34 दिनांक 27.02.2020।

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विषयांकित संदर्भ में लेख है कि, भारत सरकार की महत्वपूर्ण योजना "भारत नेट परियोजना" के तहत पश्चिम भानुप्रतापपुर वनमण्डल के अंतर्गत परिक्षेत्र कापसी सा. , कोयलीबेड़ा, एवं पूर्व /पश्चिम परलकोट तथा छ.ग. राज्य वन विकास निगम लिमिटेड अंतागढ़ के अंतर्गत आने वाले वन भूमि/वन क्षेत्रों में आटिकल फायबर केबल विस्तार कार्य हेतु डी.जी.पी.एस.सर्वे कार्य उपरांत परिक्षेत्र अधिकारियों द्वारा सत्यापन रिपोर्ट प्रस्तुत किया गया है। इसका परिक्षेत्रवार विवरण निम्नानुसार है:-

क्रं.	परिक्षेत्र का नाम	कक्ष/खसरा संख्या	कुल लंबाई (मी.)	प्रस्तावित रकबा हे. हे.
1	कोयलीबेड़ा	4	7775624.00	0.389
2	कापसी सा.	12	11500.587	0.575
3	पश्चिम परलकोट	29	48331.234	2.417
4	पूर्व परलकोट	2	2748.554	0.137
योग :-		47	70355.999	3.518
5	अंतागढ़ (एफ.डी. सी.)	8	16969.193	0.848
6	दुगूकोदल (एफ.डी.सी.)	6	10555.524	0.528
योग :-		14	27524.717	1.376
महायोग :-		61	97880.716	4.894
राजस्व वन भूमि		46	8585.874	0.429
वनभूमि+ राजस्व वन भूमि योग :-		107	106466.590	5.323

अतः उक्त सर्वे रिपोर्ट के आधार प्रस्तावित क्षेत्र का वन संरक्षण अधिनियम 1980 के तहत आन लाईन पंजीयन हेतु पंजीयन शुल्क 6000 रु. एवं प्रोसेसिंग शुल्क 18000 रु. का डिमांड ड्राफ्ट वनमण्डलाधिकारी पश्चिम भानुप्रतापपुर के पद नाम से तैयार कर इस कार्यालय में प्रस्तुत करें।

संलग्न :- उपरोक्तानुसार

वनमण्डलाधिकारी

पश्चिम भानुप्रतापपुर वनमण्डल

भानुप्रतापपुर

CHHATTISGARH BHARATNET PHASE-II PROJECT

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

Forest Division	: WEST BHANUPRATAPPUR
Forest Land (RF/PF/OA)	: 4.894 Ha.
Rev. Forest Land	: 0.429 Ha.
Total Proposed Diversion Area	: 5.323 Ha.
Block	: PAKHANJUR
District	: KANKER (C.G.)

Applicant -



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

Submitted By -



TATA PROJECTS

Tata Projects Limited, Raipur (Chhattisgarh)

वन विभागाधिकारी
पश्चिम भानुप्रतापपुर वनमंडल
भानुप्रतापपुर



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1. Introduction and Background

1.1. Background

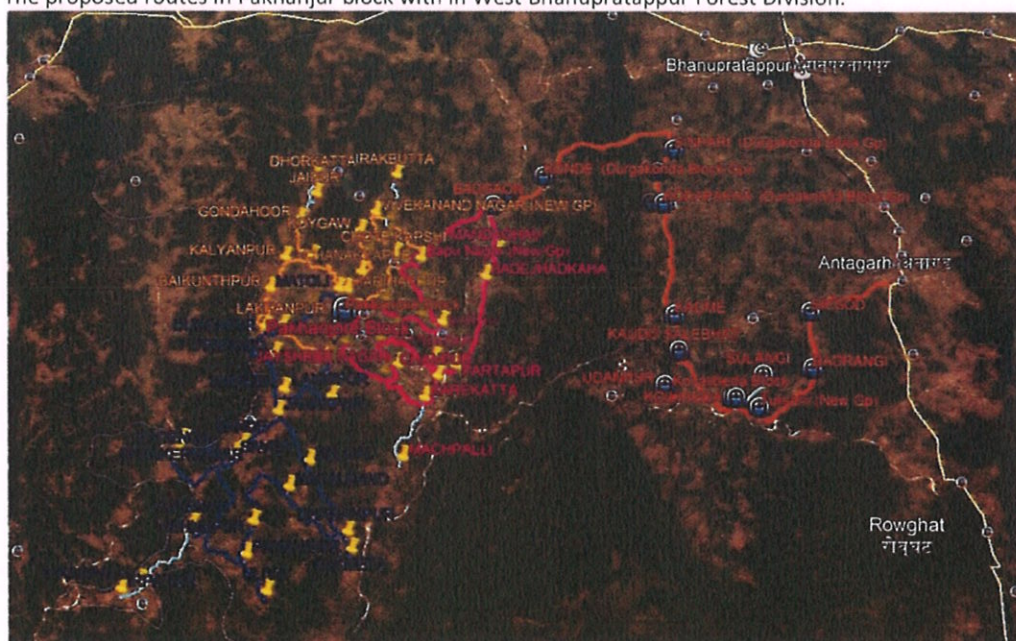
The Government of Chhattisgarh intends to setup an Optical Fibre Cable Network from the Block Head Quarters to Gram Panchayats to provide high speed broadband connectivity by connecting the 85 Blocks, 5987 Gram Panchayats across the State. The proposed network architecture for BharatNet Phase-II project 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 Pakhanjur block with in West Bhanupratappur Forest Division.



OFC Cable Proposed Routes in Pakhanjur Block in West Bhanupratappur Forest Division.

1.3. Location

The proposed OFC Cable route in West Bhanupratappur Forest Division (The OFC route Pakhanjur Block; District: Kanker). The Proposed OFC route length is approx. 472.166 Km in Pakhanjur Block, hence Total route lengths is 472.166 km. The survey site passes through forest ranges East Paralkot, Kapsi, Koylibeda, West Paralkot, Antagarh Van Vikhas Niigam, and Durgukondal Van Vikhas Niigam, West Bhanupratappur Forest Division. The OFC Cable route is covered under Survey of India Toposheets 65 A05, 65 A09, and 65 A13, 64 D12, 64D D16 and 65 E01 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.

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).



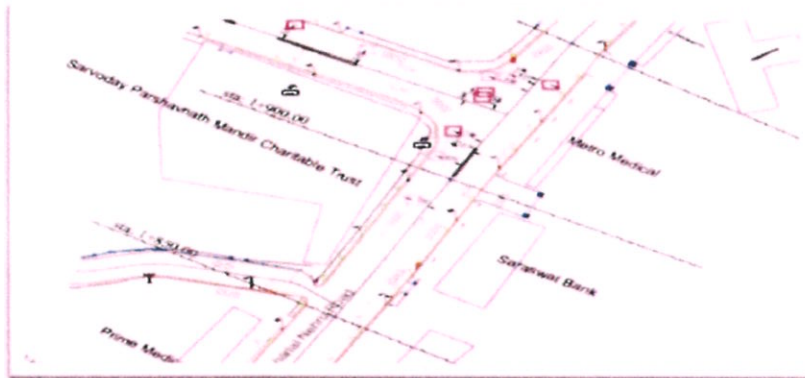
Mobile LiDAR Van

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



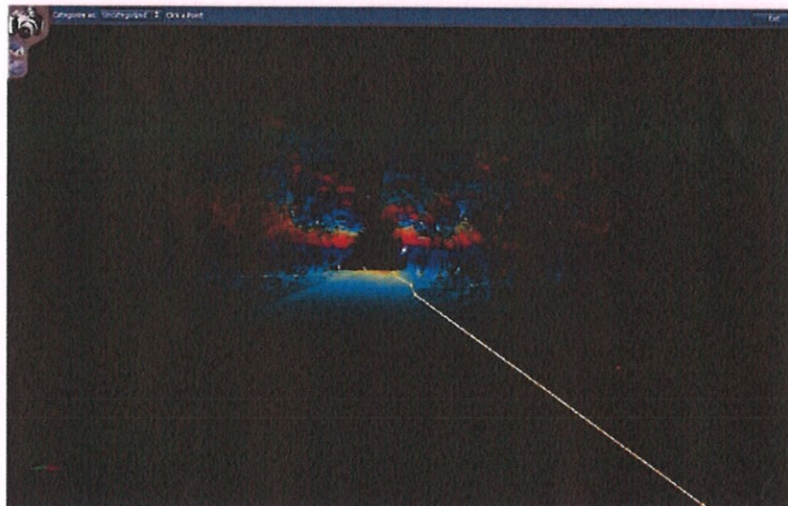
Final DRS / GIS Map

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

4.6. Creation of Vector Data for Forest Diversion:

MAP SHOWING DGPS SURVEYED FOREST AREA PROPOSED FOR DIVERSION FOR LAYING OF GFC CABLE WITHIN PWD ROAD CORRIDOR FOR (BALRAMPUR - GATRA) & (GATRA-VELAM)

The map displays a route from Balrampur to Gatra, with five specific patches of forest area identified for diversion. The patches are labeled Patch-1, Patch-2, Patch-3, Patch-4, and Patch-5. The route is shown as a blue line, and the forest areas are highlighted in brown. The map includes a scale bar indicating 1:50,000 and a north arrow.

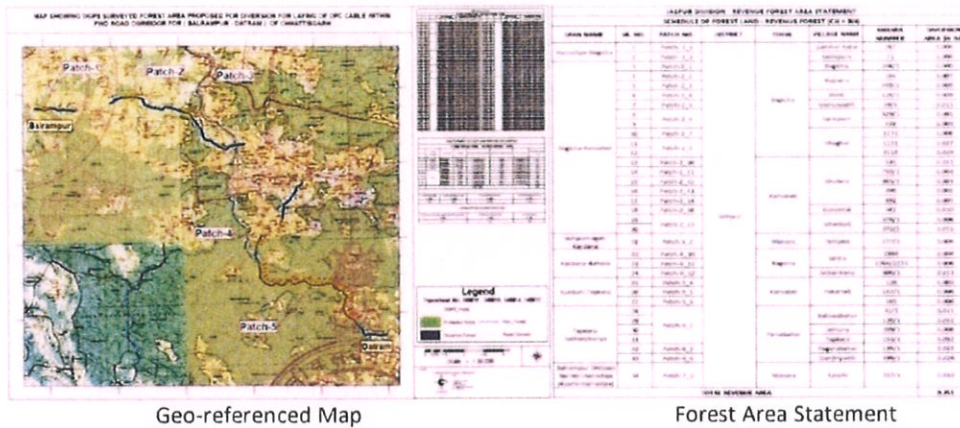
Legend:

- DPG Surveyed Area
- Proposed Road
- Proposed Cable
- Proposed Cable

Scale: 1:50,000

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.



5. DGPS Survey Results

The total OFC route length is approx. 472.166 km. covered Pakhanjur Block of Kanker District. Out of this 365.699 km OFC route length is passing through non-forest Land and 106.467 km OFC route length is passing through Forest Patches hence the proposed forest area for diversion 5.323 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 – Pakhanjur Block with in West Bhanupratappur Forest Division, District - Kanker, C.G.						
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.)
472.166	365.699	0.0005	18.285	106.467	0.0005	5.323

West Bhanupratappur 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	West Bhanupratappur	Antagarh FDC	8	16969.193	0.5	0.848
2	West Bhanupratappur	Durgukondal FDC	6	10555.524	0.5	0.528
3	West Bhanupratappur	East Paralkot	2	2748.554	0.5	0.137
4	West Bhanupratappur	Kapsi	12	11500.587	0.5	0.575
5	West Bhanupratappur	Koylibeda	4	7775.624	0.5	0.389
6	West Bhanupratappur	West Paralkot	29	48331.234	0.5	2.417
Total of Table A				97880.716	0.5	4.894
Sl. No.	District	Block	No of Khasra	Length (in m.)	Width (in m.)	Proposed Area (in Ha.)
1	Kanker	Pakhanjur	46	8585.874	0.5	0.429
Total of Table B				8585.874	0.5	0.429
Total Diversion Area (Table A+TableB)				106466.590	0.5	5.323



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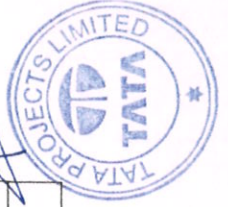


Table A - Area statement for proposed forest Patches -- Protected /Reserve/Orange Area										
Sl. No.	Patch	Block	Forest Division	Route Name	Forest Range	Type	Comp. No	Length (in m.)	Width (in m.)	Proposed Area (In Ha.)
1	1	Pakhanjur	West Bhanupratappur	Siksod To Antagarh	Antagarh FDC	PF	FDC P1319	1955.728	0.5	0.098
2	2	Pakhanjur	West Bhanupratappur	Badrangi To Siksod	Antagarh FDC	PF	FDC P1319	2916.930	0.5	0.146
3	4	Pakhanjur	West Bhanupratappur	Koyalibeda To Badrangi	Antagarh FDC	PF	FDC P1324	3088.268	0.5	0.154
4	5	Pakhanjur	West Bhanupratappur	Koyalibeda To Badrangi	Antagarh FDC	PF	FDC P1323	1240.916	0.5	0.062
5	6	Pakhanjur	West Bhanupratappur	Koilibeda To Sulangi	Antagarh FDC	PF	FDC P1323	1694.724	0.5	0.085
6	8	Pakhanjur	West Bhanupratappur	Kadme To Koilibeda	Antagarh FDC	PF	FDC P1289	1293.424	0.5	0.065
7	8	Pakhanjur	West Bhanupratappur	Kadme To Koilibeda	Antagarh FDC	PF	FDC P1290	2267.525	0.5	0.113
8	9	Pakhanjur	West Bhanupratappur	Kadme To Koilibeda	Antagarh FDC	PF	FDC P1303	2511.678	0.5	0.125
Total-							8	16969.193	0.5	0.848
9	10	Pakhanjur	West Bhanupratappur	Medo To Kadme	Durgukondal FDC	PF	FDC P1310	5047.251	0.5	0.253
10	11	Pakhanjur	West Bhanupratappur	Medo To Kadme	Durgukondal FDC	PF	FDC P1311	200.906	0.5	0.01
11	11	Pakhanjur	West Bhanupratappur	Medo To Kadme	Durgukondal FDC	PF	FDC P1312	1989.085	0.5	0.099
12	14	Pakhanjur	West Bhanupratappur	Mandaghav To Premnagar	Durgukondal FDC	PF	FDC P1168	1523.402	0.5	0.076
13	15	Pakhanjur	West Bhanupratappur	Badejhadkaha To Mandaghav	Durgukondal FDC	PF	FDC P1168	1084.182	0.5	0.054
14	19	Pakhanjur	West Bhanupratappur	Asebeda To Bhingdar	Durgukondal FDC	PF	FDC P1181	710.698	0.5	0.036
Total-							6	10555.524	0.5	0.528
15	25	Pakhanjur	West Bhanupratappur	Aakmeta To Dharampur	East Paralkot	PF	P1237	1358.908	0.5	0.068
16	25	Pakhanjur	West Bhanupratappur	Aakmeta To Dharampur	East Paralkot	PF	P1237	1389.646	0.5	0.069
Total-							2	2748.554	0.5	0.137

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	16	Pakhanjur	West Bhanupratappur	Bhingidar To Badejhadkaha	Kapsi	PF	P1169	1283.384	0.5	0.064
18	17	Pakhanjur	West Bhanupratappur	Bhingidar To Badejhadkaha	Kapsi	RF	1106	359.316	0.5	0.018
19	17	Pakhanjur	West Bhanupratappur	Bhingidar To Badejhadkaha	Kapsi	PF	P1177	1057.087	0.5	0.053
20	19	Pakhanjur	West Bhanupratappur	Asebeda To Bhingdar	Kapsi	PF	P1182	618.727	0.5	0.031
21	21	Pakhanjur	West Bhanupratappur	Ghodagao To Karekatta	Kapsi	PF	P1183	922.792	0.5	0.046
22	22	Pakhanjur	West Bhanupratappur	Karekatta To Machpalli	Kapsi	PF	P1186	631.529	0.5	0.032
23	22	Pakhanjur	West Bhanupratappur	Karekatta To Machpalli	Kapsi	PF	P1191	701.071	0.5	0.035
24	22	Pakhanjur	West Bhanupratappur	Karekatta To Machpalli	Kapsi	PF	P1185	1571.675	0.5	0.078
25	38	Pakhanjur	West Bhanupratappur	Gondahoor To Hanker	Kapsi	RF	1130	1083.325	0.5	0.054
26	39	Pakhanjur	West Bhanupratappur	Gondahoor To Hanker	Kapsi	PF	P1202	563.934	0.5	0.028
27	39	Pakhanjur	West Bhanupratappur	Gondahoor To Hanker	Kapsi	PF	P1202	572.701	0.5	0.029
28	22	Pakhanjur	West Bhanupratappur	Karekatta To Machpalli	Kapsi	PF	P1189	2135.046	0.5	0.107
Total-							12	11500.587	0.5	0.575
29	7	Pakhanjur	West Bhanupratappur	Udanpur To Koyalibeda	Koyalibeda	PF	P1283	2373.294	0.5	0.119
30	7	Pakhanjur	West Bhanupratappur	Udanpur To Koyalibeda	Koyalibeda	PF	P1283	2372.721	0.5	0.119
31	7	Pakhanjur	West Bhanupratappur	Udanpur To Koyalibeda	Koyalibeda	PF	P1364	1514.325	0.5	0.076
32	7	Pakhanjur	West Bhanupratappur	Udanpur To Koyalibeda	Koyalibeda	PF	P1364	1515.284	0.5	0.075
Total-							4	7775.624	0.5	0.389
33	23	Pakhanjur	West Bhanupratappur	Maroda To Belgal	West Paralkot	PF	P1259	2300.546	0.5	0.115



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.)
34	23	Pakhanjur	West Bhanupratappur	Maroda To Belgal	West Paralkot	PF	P1258	2933.406	0.5	0.147
35	24	Pakhanjur	West Bhanupratappur	Belgal To Dharampur	West Paralkot	RF	1153	450.058	0.5	0.023
36	24	Pakhanjur	West Bhanupratappur	Belgal To Dharampur	West Paralkot	PF	P1248	1403.929	0.5	0.07
37	24	Pakhanjur	West Bhanupratappur	Belgal To Dharampur	West Paralkot	RF	1156	4203.37	0.5	0.211
38	26	Pakhanjur	West Bhanupratappur	Dharampur To Nagaldand	West Paralkot	PF	P1248	689.933	0.5	0.034
39	27	Pakhanjur	West Bhanupratappur	Nagaldand To Vishnupur	West Paralkot	PF	P1257	2568.401	0.5	0.128
40	28	Pakhanjur	West Bhanupratappur	Nagaldand To Vishnupur	West Paralkot	PF	P1262	2186.617	0.5	0.109
41	29	Pakhanjur	West Bhanupratappur	Nagaldand To Vishnupur	West Paralkot	PF	P1254	408.158	0.5	0.02
42	29	Pakhanjur	West Bhanupratappur	Nagaldand To Vishnupur	West Paralkot	PF	P1255	1388.293	0.5	0.069
43	29	Pakhanjur	West Bhanupratappur	Nagaldand To Vishnupur	West Paralkot	PF	P1256	2004.7	0.5	0.1
44	29	Pakhanjur	West Bhanupratappur	Vishnupur To Panawasr	West Paralkot	PF	P1254	1422.261	0.5	0.071
45	30	Pakhanjur	West Bhanupratappur	Kurenar To Vikaspalli	West Paralkot	PF	P1280	1005.889	0.5	0.05
46	30	Pakhanjur	West Bhanupratappur	Panawasr To Uliya	West Paralkot	PF	P1252	1073.044	0.5	0.055
47	31	Pakhanjur	West Bhanupratappur	Kurenar To Vikaspalli	West Paralkot	PF	P1279	1174.915	0.5	0.059
48	32	Pakhanjur	West Bhanupratappur	Kurenar To Vikaspalli	West Paralkot	RF	1165	1483.689	0.5	0.074
49	33	Pakhanjur	West Bhanupratappur	Panawasr To Padenga	West Paralkot	PF	P1264	1125.224	0.5	0.056
50	33	Pakhanjur	West Bhanupratappur	Panawasr To Padenga	West Paralkot	PF	P1264	1155.652	0.5	0.058
51	33	Pakhanjur	West Bhanupratappur	Panawasr To Padenga	West Paralkot	PF	P1266	1378.998	0.5	0.069
52	33	Pakhanjur	West Bhanupratappur	Panawasr To Padenga	West Paralkot	PF	P1264	2077.127	0.5	0.104



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.)
53	33	Pakhanjur	West Bhanupratappur	Panawasr To Padenga	West Paralkot	PF	P1267	2365.766	0.5	0.118
54	33	Pakhanjur	West Bhanupratappur	Panawasr To Padenga	West Paralkot	PF	P1263	2548.095	0.5	0.127
55	34	Pakhanjur	West Bhanupratappur	Padenga To Shankarnagar	West Paralkot	PF	P1269	218.55	0.5	0.012
56	34	Pakhanjur	West Bhanupratappur	Panawasr To Padenga	West Paralkot	PF	P1268	823.021	0.5	0.041
57	34	Pakhanjur	West Bhanupratappur	Panawasr To Padenga	West Paralkot	PF	P1269	3303.921	0.5	0.165
58	35	Pakhanjur	West Bhanupratappur	Shankar Nagar To Saver	West Paralkot	PF	P1270	1835.24	0.5	0.092
59	35	Pakhanjur	West Bhanupratappur	Shankar Nagar To Saver	West Paralkot	PF	P1271	2241.187	0.5	0.112
60	36	Pakhanjur	West Bhanupratappur	Shankar Nagar To Saver	West Paralkot	PF	P1267	1208.312	0.5	0.06
61	37	Pakhanjur	West Bhanupratappur	Bande To Janakpur	West Paralkot	PF	P1261	1352.932	0.5	0.068
Total-							29	48331.234	0.5	2.417
Grand Total -							61	97880.716	0.5	4.894



Table B - Area statement ent 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	3	Kanker	Pakhanjur	Badrangi To Siksod	Badrengi	BJJ	204	150.419	0.5	0.008
2	3	Kanker	Pakhanjur	Koyalibeda To Badrangi	Badrengi	BJJ	130	355.298	0.5	0.018
3	3	Kanker	Pakhanjur	Badrangi To Siksod	Kotul	BJJ	245	294.435	0.5	0.015
4	3	Kanker	Pakhanjur	Koyalibeda To Badrangi	Marda	CJJ	56	13.930	0.5	0.001
5	3	Kanker	Pakhanjur	Koyalibeda To Badrangi	Marda	BJJ	154	141.415	0.5	0.007
6	3	Kanker	Pakhanjur	Koyalibeda To Badrangi	Marda	BJJ	199	179.502	0.5	0.009
7	3	Kanker	Pakhanjur	Koyalibeda To Badrangi	Marda	BJJ	203	423.907	0.5	0.021
8	4	Kanker	Pakhanjur	Koyalibeda To Badrangi	Tursani	CJJ	292	28.575	0.5	0.001
9	4	Kanker	Pakhanjur	Koyalibeda To Badrangi	Tursani	CJJ	293	62.958	0.5	0.003
10	4	Kanker	Pakhanjur	Koyalibeda To Badrangi	Tursani	BJJ	286	84.458	0.5	0.004
11	6	Kanker	Pakhanjur	Koilibeda To Sulangi	Koyali Beda	CJJ	905	142.944	0.5	0.007
12	7	Kanker	Pakhanjur	Kadme To Koilibeda	Jiramtarai	CJJ	393	103.345	0.5	0.005
13	7	Kanker	Pakhanjur	Kadme To Koilibeda	Jiramtarai	BJJ	415	98.016	0.5	0.005
14	8	Kanker	Pakhanjur	Kadme To Koilibeda	Jiramtarai	BJJ	313	210.992	0.5	0.011
15	12	Kanker	Pakhanjur	Mandaghav To Premnagar	Masoor	BJJ	7	553.756	0.5	0.028
16	13	Kanker	Pakhanjur	Mandaghav To Premnagar	Masoor	BJJ	25	97.993	0.5	0.005
17	13	Kanker	Pakhanjur	Mandaghav To Premnagar	Pipli	BJJ	89	28.442	0.5	0.001
18	13	Kanker	Pakhanjur	Mandaghav To Premnagar	Pipli	BJJ	88	74.120	0.5	0.004
19	13	Kanker	Pakhanjur	Mandaghav To Premnagar	Pipli	BJJ	2	282.000	0.5	0.014



Table B - Area statement ent 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.)
20	13	Kanker	Pakhanjur	Mandaghav To Premnagar	Pipli	BIJ	10	87.847	0.5	0.004
21	14	Kanker	Pakhanjur	Mandaghav To Premnagar	Mandagaon	BIJ	54	28.087	0.5	0.001
22	17	Kanker	Pakhanjur	Bhingidar To Badejhadkaha	Budhandand	BIJ	168	338.923	0.5	0.017
23	17	Kanker	Pakhanjur	Bhingidar To Badejhadkaha	Budhandand	BIJ	42	72.474	0.5	0.004
24	17	Kanker	Pakhanjur	Bhingidar To Badejhadkaha	Budhandand	BIJ	43	185.829	0.5	0.009
25	17	Kanker	Pakhanjur	Bhingidar To Badejhadkaha	Budhandand	BIJ	87	41.517	0.5	0.002
26	17	Kanker	Pakhanjur	Bhingidar To Badejhadkaha	Budhandand	BIJ	89	64.452	0.5	0.003
27	17	Kanker	Pakhanjur	Bhingidar To Badejhadkaha	Budhandand	BIJ	99	136.601	0.5	0.007
28	17	Kanker	Pakhanjur	Bhingidar To Badejhadkaha	Budhandand	BIJ	100	68.006	0.5	0.003
29	17	Kanker	Pakhanjur	Bhingidar To Badejhadkaha	Chhotejharkatta	BIJ	67	60.739	0.5	0.003
30	18	Kanker	Pakhanjur	Bhingidar To Badejhadkaha	Partapur	BIJ	57	247.751	0.5	0.013
31	18	Kanker	Pakhanjur	Bhingidar To Badejhadkaha	Partapur	BIJ	122	307.577	0.5	0.015
32	19	Kanker	Pakhanjur	Asebeda To Bhingdar	Bhingidar	BIJ	338	210.981	0.5	0.011
33	19	Kanker	Pakhanjur	Chanpur To Bhingidar	Bhingidar	BIJ	81	324.881	0.5	0.016
34	20	Kanker	Pakhanjur	Chanpur To Bhingidar	Bhingidar	BIJ	253	107.498	0.5	0.005
35	20	Kanker	Pakhanjur	Karekatta To Chanpur	Bhingidar	BIJ	564	955.515	0.5	0.048
36	22	Kanker	Pakhanjur	Karekatta To Machpalli	Indrapuri	BIJ	356	307.174	0.5	0.015
37	30	Kanker	Pakhanjur	Kurenar To Vikaspalli	Vikaspalli	CJJ	541	441.504	0.5	0.022
38	31	Kanker	Pakhanjur	Kurenar To Vikaspalli	Kanhargaon	BIJ	27	39.648	0.5	0.002



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.)
39	33	Kanker	Pakhanjur	Panawasr To Padenga	Kurenar	BJJ	173/1	344.078	0.5	0.017
40	37	Kanker	Pakhanjur	Bande To Janakpur	Palnadi	BJJ	63	67.336	0.5	0.003
41	37	Kanker	Pakhanjur	Bande To Janakpur	Palnadi	BJJ	64	232.462	0.5	0.012
42	38	Kanker	Pakhanjur	Lakhanpur To Baikunthpur	Anupur	BJJ	15	47.108	0.5	0.002
43	38	Kanker	Pakhanjur	Lakhanpur To Baikunthpur	Anupur	BJJ	77	102.925	0.5	0.005
44	38	Kanker	Pakhanjur	Gondahoor To Hanker	Hanker	BJJ	154	210.714	0.5	0.011
45	38	Kanker	Pakhanjur	Gondahoor To Hanker	Hanker	BJJ	162	212.250	0.5	0.011
46	38	Kanker	Pakhanjur	Gondahoor To Hanker	Hanker	BJJ	139	15.492	0.5	0.001
Total-							46	8585.874	0.5	0.429



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

Point	Patch	Latitud in D:M:S	Longitud in D:M:S	Point	Patch	Latitud in D:M:S	Longitud in D:M:S
P-1	1	20°02'44.24949"	81°04'13.14039"	P-51	4	19°57'21.34704"	81°01'55.21814"
P-2	1	20°02'50.17208"	81°04'15.83865"	P-52	4	19°57'26.93798"	81°01'58.61646"
P-3	1	20°02'56.42162"	81°04'17.74621"	P-53	4	19°57'31.24116"	81°02'03.73608"
P-4	1	20°03'02.62970"	81°04'19.79144"	P-54	4	19°57'34.97576"	81°02'09.34258"
P-5	1	20°03'08.69226"	81°04'22.25236"	P-55	4	19°57'35.97896"	81°02'16.13082"
P-6	1	20°03'10.88852"	81°04'28.45156"	P-56	4	19°57'40.04624"	81°02'21.36295"
P-7	1	20°03'13.53860"	81°04'34.69706"	P-57	4	19°57'44.43709"	81°02'26.43675"
P-8	1	20°03'17.58767"	81°04'40.08463"	P-58	4	19°57'48.54391"	81°02'31.75553"
P-9	1	20°03'20.14613"	81°04'46.20439"	P-59	4	19°57'52.74186"	81°02'37.00882"
P-10	1	20°03'20.23351"	81°04'53.04873"	P-60	4	19°57'53.08018"	81°02'43.35318"
P-11	1	20°03'21.14095"	81°04'58.29696"	P-61	4	19°57'58.02316"	81°02'47.39767"
P-12	2	20°00'46.85642"	81°04'17.21968"	P-62	4	19°58'00.53684"	81°02'48.85021"
P-13	2	20°00'53.04806"	81°04'18.90128"	P-63	4	19°57'13.91551"	81°01'11.05266"
P-14	2	20°00'59.02539"	81°04'16.46373"	P-64	4	19°57'12.82383"	81°01'13.16622"
P-15	2	20°01'03.12320"	81°04'11.36675"	P-65	4	19°57'14.45088"	81°01'08.96684"
P-16	2	20°01'06.95038"	81°04'12.38754"	P-66	4	19°57'13.91551"	81°01'11.05266"
P-17	2	20°01'12.85463"	81°04'13.83503"	P-67	4	19°57'06.93010"	81°01'23.97561"
P-18	2	20°01'18.58630"	81°04'11.08078"	P-68	4	19°57'05.56136"	81°01'26.48788"
P-19	2	20°01'24.03339"	81°04'07.47435"	P-69	5	19°57'39.72079"	81°00'04.30076"
P-20	2	20°01'30.12410"	81°04'06.07198"	P-70	5	19°57'37.33861"	81°00'10.69027"
P-21	2	20°01'36.44999"	81°04'04.60744"	P-71	5	19°57'34.08022"	81°00'16.40871"
P-22	2	20°01'42.92295"	81°04'04.20911"	P-72	5	19°57'28.31285"	81°00'19.58091"
P-23	2	20°01'49.42673"	81°04'04.33754"	P-73	5	19°57'24.45687"	81°00'25.06578"
P-24	2	20°01'55.90278"	81°04'04.93979"	P-74	5	19°57'22.73626"	81°00'31.61387"
P-25	2	20°02'02.36798"	81°04'05.69467"	P-75	5	19°57'18.69930"	81°00'36.94002"
P-26	2	20°02'08.83939"	81°04'06.38598"	P-76	5	19°57'18.33698"	81°00'38.29247"
P-27	2	20°02'12.02550"	81°04'05.31010"	P-77	6	19°58'11.53293"	81°00'22.68339"
P-28	3	19°58'13.89862"	81°02'58.88878"	P-78	6	19°58'07.36768"	81°00'17.39760"
P-29	3	19°58'14.27440"	81°02'59.15666"	P-79	6	19°58'03.10958"	81°00'12.19527"
P-30	3	19°58'31.96884"	81°03'14.99544"	P-80	6	19°57'58.79236"	81°00'07.04898"
P-31	3	19°58'33.34328"	81°03'19.61683"	P-81	6	19°57'54.46562"	81°00'01.91076"

वन मालाधिकारी
पश्चिम भानुप्रतापपुर वनमंडल
भानुप्रतापपुर



Chhattisgarh BharatNet Phase-II Project

Point	Patch	Latitud in D:M:S	Longitud in D:M:S	Point	Patch	Latitud in D:M:S	Longitud in D:M:S
P-32	3	19°58'39.53210"	81°03'39.78600"	P-82	6	19°58'39.96370"	81°00'56.76476"
P-33	3	19°58'36.94872"	81°03'36.20889"	P-83	6	19°58'36.36111"	81°00'51.03933"
P-34	3	19°58'33.63585"	81°03'22.59690"	P-84	6	19°58'31.65328"	81°00'46.31183"
P-35	3	19°58'33.53581"	81°03'29.44791"	P-85	6	19°58'27.10772"	81°00'41.39117"
P-36	3	19°58'36.58739"	81°03'35.44662"	P-86	6	19°58'24.97136"	81°00'39.04325"
P-37	3	19°58'36.93564"	81°03'36.18215"	P-87	6	19°57'53.36902"	81°00'00.28262"
P-38	3	19°58'43.21468"	81°03'45.80976"	P-88	6	19°57'51.31819"	80°59'55.87385"
P-39	3	19°58'46.33768"	81°03'51.81948"	P-89	7	19°58'07.66031"	80°55'55.64228"
P-40	3	19°58'49.12837"	81°03'56.02968"	P-90	7	19°58'09.01617"	80°56'02.29332"
P-41	3	19°59'27.28762"	81°04'05.10121"	P-91	7	19°58'12.59052"	80°56'07.89341"
P-42	3	19°59'32.12346"	81°04'05.22035"	P-92	7	19°58'15.97366"	80°56'13.62004"
P-43	3	20°00'13.36736"	81°04'16.80970"	P-93	7	19°58'19.66294"	80°56'19.28477"
P-44	3	20°00'19.03585"	81°04'20.11253"	P-94	7	19°58'20.93013"	80°56'25.45944"
P-45	3	20°00'21.57053"	81°04'21.93854"	P-95	7	19°58'21.61831"	80°56'32.30120"
P-46	4	19°57'04.35578"	81°01'29.63771"	P-96	7	19°58'22.62541"	80°56'39.09504"
P-47	4	19°57'05.14098"	81°01'35.67630"	P-97	7	19°58'22.71148"	80°56'45.65003"
P-48	4	19°57'08.56559"	81°01'41.48953"	P-98	7	19°58'22.69849"	80°56'52.51942"
P-49	4	19°57'13.53645"	81°01'45.80780"	P-99	7	19°58'21.36035"	80°56'59.15406"
P-50	4	19°57'15.90665"	81°01'52.19109"	P-100	7	19°58'19.16679"	80°57'05.24417"
P-101	7	19°58'17.10956"	80°57'10.79548"	P-151	8	19°59'52.55467"	80°57'16.75003"
P-102	7	19°58'16.76291"	80°57'10.73699"	P-152	8	19°59'47.20259"	80°57'20.60190"
P-103	7	19°58'19.14873"	80°57'04.33504"	P-153	8	19°59'41.02797"	80°57'22.72721"
P-104	7	19°58'21.33188"	80°56'58.24110"	P-154	8	19°59'35.38037"	80°57'26.10085"
P-105	7	19°58'22.37679"	80°56'51.54547"	P-155	8	19°59'29.51192"	80°57'27.81983"
P-106	7	19°58'22.31366"	80°56'44.67788"	P-156	8	20°00'08.94005"	80°57'01.64265"
P-107	7	19°58'22.15006"	80°56'38.13078"	P-157	8	20°00'09.50089"	80°56'59.39577"
P-108	7	19°58'21.16308"	80°56'31.33413"	P-158	8	19°58'49.86263"	80°57'46.07516"
P-109	7	19°58'20.13225"	80°56'24.68499"	P-159	8	19°58'43.34546"	80°57'50.42565"
P-110	7	19°58'18.76091"	80°56'18.49347"	P-160	8	19°58'43.04413"	80°57'50.62932"
P-111	7	19°58'15.02833"	80°56'12.86047"	P-161	9	20°02'04.79224"	80°56'37.53108"
P-112	7	19°58'11.49938"	80°56'07.34258"	P-162	9	20°01'59.48009"	80°56'38.86223"
P-113	7	19°58'08.45495"	80°56'01.34604"	P-163	9	20°01'53.28434"	80°56'40.56583"
P-114	7	19°58'07.28885"	80°55'55.61184"	P-164	9	20°01'47.03710"	80°56'42.46943"

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Point	Patch	Latitud in D:M:S	Longitud in D:M:S	Point	Patch	Latitud in D:M:S	Longitud in D:M:S
P-115	7	19°58'17.10956"	80°57'10.79548"	P-165	9	20°01'40.74015"	80°56'43.17140"
P-116	7	19°58'14.66026"	80°57'17.16933"	P-166	9	20°01'34.73223"	80°56'45.58958"
P-117	7	19°58'12.23961"	80°57'23.55589"	P-167	9	20°01'30.75959"	80°56'50.97683"
P-118	7	19°58'10.89507"	80°57'30.21683"	P-168	9	20°01'26.21861"	80°56'53.25597"
P-119	7	19°58'11.25618"	80°57'37.08506"	P-169	9	20°01'21.98831"	80°56'48.34827"
P-120	7	19°58'11.72639"	80°57'43.94659"	P-170	9	20°01'16.09413"	80°56'45.46154"
P-121	7	19°58'11.75264"	80°57'50.82515"	P-171	9	20°01'10.34527"	80°56'43.09324"
P-122	7	19°58'11.56442"	80°57'57.69355"	P-172	9	20°01'04.69811"	80°56'45.21973"
P-123	7	19°58'10.78796"	80°58'01.53406"	P-173	9	20°00'58.88314"	80°56'46.85808"
P-124	7	19°58'10.43615"	80°58'01.51257"	P-174	9	20°00'55.79287"	80°56'48.81848"
P-125	7	19°58'11.41409"	80°57'54.73449"	P-175	10	20°04'58.07983"	80°56'26.39569"
P-126	7	19°58'11.46479"	80°57'47.85518"	P-176	10	20°04'51.63653"	80°56'25.62329"
P-127	7	19°58'11.17673"	80°57'40.98484"	P-177	10	20°04'45.14663"	80°56'25.47723"
P-128	7	19°58'10.76876"	80°57'34.11919"	P-178	10	20°04'39.17268"	80°56'22.88938"
P-129	7	19°58'10.71881"	80°57'27.25776"	P-179	10	20°04'34.34932"	80°56'18.29535"
P-130	7	19°58'12.92572"	80°57'20.79544"	P-180	10	20°04'28.84062"	80°56'14.70082"
P-131	7	19°58'15.36733"	80°57'14.41792"	P-181	10	20°04'22.40563"	80°56'14.64542"
P-132	7	19°58'16.76291"	80°57'10.73699"	P-182	10	20°04'16.05536"	80°56'13.49028"
P-133	7	19°58'11.08457"	80°58'15.05024"	P-183	10	20°04'10.22445"	80°56'10.44084"
P-134	7	19°58'09.73634"	80°58'18.30495"	P-184	10	20°04'04.25255"	80°56'07.72183"
P-135	7	19°57'58.86962"	80°58'37.37237"	P-185	10	20°03'57.99650"	80°56'05.87552"
P-136	7	19°57'56.53507"	80°58'39.66209"	P-186	10	20°03'51.56537"	80°56'04.93416"
P-137	8	19°59'28.07208"	80°57'28.60961"	P-187	10	20°03'45.40800"	80°56'02.79528"
P-138	8	19°59'22.08087"	80°57'31.28823"	P-188	10	20°03'39.55240"	80°56'00.16066"
P-139	8	19°59'15.89049"	80°57'33.22317"	P-189	10	20°03'33.58500"	80°55'58.32851"
P-140	8	19°59'09.56158"	80°57'34.70425"	P-190	10	20°03'27.17498"	80°55'58.60856"
P-141	8	19°59'03.70547"	80°57'37.69611"	P-191	10	20°03'21.42352"	80°56'01.75055"
P-142	8	19°58'57.69989"	80°57'40.33750"	P-192	10	20°03'15.31064"	80°56'03.81923"
P-143	8	19°58'52.28371"	80°57'44.13376"	P-193	10	20°03'09.40407"	80°56'06.43729"
P-144	8	19°58'49.86263"	80°57'46.07516"	P-194	10	20°03'03.60223"	80°56'09.52312"
P-145	8	20°00'24.94479"	80°56'55.04978"	P-195	10	20°02'57.82287"	80°56'12.61062"
P-146	8	20°00'18.60729"	80°56'56.56806"	P-196	10	20°02'52.50643"	80°56'16.56559"
P-147	8	20°00'12.89045"	80°56'59.81225"	P-197	10	20°02'46.74976"	80°56'19.74704"

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Point	Patch	Latitud in D:M:S	Longitud in D:M:S	Point	Patch	Latitud in D:M:S	Longitud in D:M:S
P-148	8	20°00'07.59578"	80°57'03.77646"	P-198	10	20°02'40.36606"	80°56'20.97764"
P-149	8	20°00'03.01877"	80°57'08.66664"	P-199	10	20°02'33.92160"	80°56'21.60355"
P-150	8	19°59'57.78780"	80°57'12.70919"	P-200	10	20°02'27.76525"	80°56'23.56244"
P-201	10	20°02'26.40890"	80°56'24.30747"	P-251	16	20°03'19.63925"	80°45'43.01201"
P-202	11	20°06'07.43925"	80°56'22.79764"	P-252	16	20°03'26.12778"	80°45'43.38872"
P-203	11	20°06'02.32722"	80°56'26.54760"	P-253	16	20°03'32.60231"	80°45'44.05720"
P-204	11	20°06'02.29780"	80°56'26.54971"	P-254	16	20°03'39.08721"	80°45'44.58515"
P-205	11	20°06'02.29780"	80°56'26.54971"	P-255	16	20°03'45.57512"	80°45'45.06195"
P-206	11	20°05'55.83336"	80°56'26.00033"	P-256	16	20°03'48.28004"	80°45'45.25976"
P-207	11	20°05'49.86553"	80°56'23.38502"	P-257	17	20°01'48.02614"	80°45'25.42952"
P-208	11	20°05'44.10700"	80°56'20.60824"	P-258	17	20°01'54.29580"	80°45'26.81396"
P-209	11	20°05'37.80790"	80°56'19.48071"	P-259	17	20°02'00.58389"	80°45'27.40409"
P-210	11	20°05'31.38130"	80°56'20.53569"	P-260	17	20°02'05.98272"	80°45'31.23989"
P-211	11	20°05'25.13424"	80°56'22.24545"	P-261	17	20°02'11.42239"	80°45'35.01538"
P-212	11	20°05'19.20829"	80°56'24.95990"	P-262	17	20°02'17.70703"	80°45'35.77890"
P-213	11	20°05'13.03420"	80°56'27.12505"	P-263	17	20°02'19.54924"	80°45'35.53205"
P-214	11	20°05'06.56226"	80°56'27.76198"	P-264	17	20°02'19.54924"	80°45'35.53205"
P-215	11	20°05'00.60840"	80°56'27.21381"	P-265	17	20°02'26.00867"	80°45'34.71834"
P-216	12	20°07'34.55746"	80°46'19.03128"	P-266	17	20°02'31.16076"	80°45'34.34449"
P-217	12	20°07'40.12771"	80°46'16.04185"	P-267	17	20°01'02.78184"	80°45'11.02387"
P-218	12	20°07'45.96900"	80°46'13.01021"	P-268	17	20°01'08.42135"	80°45'14.42565"
P-219	12	20°07'50.31430"	80°46'10.66495"	P-269	17	20°01'15.26888"	80°45'18.92892"
P-220	13	20°06'50.73502"	80°46'22.04273"	P-270	17	20°01'45.80496"	80°45'24.59595"
P-221	13	20°06'51.56421"	80°46'21.80599"	P-271	17	20°01'48.02614"	80°45'25.42952"
P-222	13	20°06'48.43701"	80°46'21.32292"	P-272	17	20°01'40.16055"	80°45'22.31117"
P-223	13	20°06'50.73502"	80°46'22.04273"	P-273	17	20°01'45.80496"	80°45'24.59595"
P-224	13	20°07'15.63987"	80°46'21.29064"	P-274	17	20°01'15.72324"	80°45'19.14360"
P-225	13	20°07'18.82523"	80°46'21.17438"	P-275	17	20°01'16.98071"	80°45'19.66290"
P-226	13	20°07'00.21405"	80°46'21.31858"	P-276	17	20°01'16.98071"	80°45'19.66290"
P-227	13	20°07'06.70565"	80°46'21.08859"	P-277	17	20°01'15.72324"	80°45'19.14360"
P-228	13	20°07'09.36894"	80°46'21.23417"	P-278	17	20°01'27.71127"	80°45'20.74487"
P-229	13	20°06'57.36267"	80°46'21.12870"	P-279	17	20°01'31.94699"	80°45'22.09393"
P-230	13	20°07'00.21405"	80°46'21.31858"	P-280	17	20°01'25.70557"	80°45'20.45228"

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Point	Patch	Latitud in D:M:S	Longitud in D:M:S	Point	Patch	Latitud in D:M:S	Longitud in D:M:S
P-231	14	20°05'57.69250"	80°46'13.30029"	P-281	17	20°01'21.93777"	80°45'20.20350"
P-232	14	20°06'04.05350"	80°46'12.14151"	P-282	17	20°02'35.60316"	80°45'34.56097"
P-233	14	20°06'09.97848"	80°46'09.30078"	P-283	17	20°02'37.57481"	80°45'34.69741"
P-234	14	20°06'16.26045"	80°46'10.20386"	P-284	18	20°00'19.49919"	80°44'40.32095"
P-235	14	20°06'22.33765"	80°46'12.00016"	P-285	18	20°00'23.63050"	80°44'45.63576"
P-236	14	20°06'28.60518"	80°46'13.83895"	P-286	18	20°00'24.60824"	80°44'46.91272"
P-237	14	20°06'35.03005"	80°46'14.85532"	P-287	18	20°00'11.27982"	80°44'33.12067"
P-238	14	20°06'41.10321"	80°46'17.25595"	P-288	18	20°00'16.39282"	80°44'36.01395"
P-239	14	20°06'44.79618"	80°46'18.92061"	P-289	18	20°00'07.60695"	80°44'35.47315"
P-240	14	20°05'56.63306"	80°46'13.46602"	P-290	19	20°00'07.07322"	80°42'19.32107"
P-241	14	20°05'57.53631"	80°46'13.32053"	P-291	19	20°00'04.62436"	80°42'25.60051"
P-242	15	20°04'58.99999"	80°45'57.84389"	P-292	19	20°00'02.70651"	80°42'32.17564"
P-243	15	20°05'04.65012"	80°46'00.88777"	P-293	19	19°59'59.96388"	80°42'38.34876"
P-244	15	20°05'10.55027"	80°46'02.83959"	P-294	19	19°59'57.52681"	80°42'41.14408"
P-245	15	20°05'15.41984"	80°46'07.19406"	P-295	19	20°00'29.64504"	80°42'03.79954"
P-246	15	20°05'21.61164"	80°46'09.27917"	P-296	19	20°00'24.57555"	80°42'08.07484"
P-247	15	20°05'27.56412"	80°46'12.02222"	P-297	19	20°00'19.04654"	80°42'11.69406"
P-248	15	20°05'29.97393"	80°46'13.39802"	P-298	19	20°00'13.46951"	80°42'15.23596"
P-249	16	20°03'07.66428"	80°45'37.79788"	P-299	19	20°00'12.95105"	80°42'15.57433"
P-250	16	20°03'13.69651"	80°45'40.37146"	P-300	19	19°59'49.48595"	80°42'51.52727"
P-301	19	19°59'49.93533"	80°42'51.61785"	P-351	22	19°56'58.22722"	80°41'57.22661"
P-302	19	19°59'52.81274"	80°42'52.83185"	P-352	22	19°56'52.51208"	80°41'54.08734"
P-303	19	20°00'12.95105"	80°42'15.57433"	P-353	22	19°56'49.36412"	80°41'52.59974"
P-304	19	20°00'07.36718"	80°42'19.10645"	P-354	23	19°57'06.69115"	80°34'44.72156"
P-305	19	20°00'07.07322"	80°42'19.32107"	P-355	23	19°57'01.56316"	80°34'48.95565"
P-306	20	19°58'55.54230"	80°43'07.18232"	P-356	23	19°56'56.34305"	80°34'53.06172"
P-307	20	19°58'58.78324"	80°43'07.20559"	P-357	23	19°56'51.70217"	80°34'57.87408"
P-308	20	19°59'05.28268"	80°43'07.18421"	P-358	23	19°56'46.76257"	80°35'02.32001"
P-309	20	19°59'11.60714"	80°43'06.96248"	P-359	23	19°56'41.66508"	80°35'06.59243"
P-310	20	19°59'17.80990"	80°43'06.58397"	P-360	23	19°56'36.27602"	80°35'10.44322"
P-311	20	19°59'22.17708"	80°43'03.88729"	P-361	23	19°56'31.13253"	80°35'14.63136"
P-312	20	19°59'36.67391"	80°42'57.76700"	P-362	23	19°56'26.14618"	80°35'19.03354"
P-313	20	19°59'39.54499"	80°42'55.65591"	P-363	23	19°56'20.42854"	80°35'22.19138"

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Point	Patch	Latitud in D:M:S	Longitud in D:M:S	Point	Patch	Latitud in D:M:S	Longitud in D:M:S
P-314	21	19°58'46.81507"	80°40'36.17549"	P-364	23	19°56'14.30420"	80°35'24.48445"
P-315	21	19°58'45.57764"	80°40'42.73089"	P-365	23	19°56'08.36090"	80°35'27.24104"
P-316	21	19°58'47.74186"	80°40'48.88115"	P-366	23	19°56'05.47193"	80°35'28.86032"
P-317	21	19°58'51.22431"	80°40'54.49707"	P-367	23	19°56'05.47193"	80°35'28.86032"
P-318	21	19°58'51.29458"	80°41'00.95320"	P-368	23	19°55'59.18164"	80°35'30.57734"
P-319	21	19°58'48.93954"	80°41'04.36581"	P-369	23	19°55'53.44117"	80°35'33.70925"
P-320	22	19°56'10.91389"	80°41'31.44160"	P-370	23	19°55'47.95950"	80°35'37.41419"
P-321	22	19°56'12.74796"	80°41'25.06434"	P-371	23	19°55'41.97919"	80°35'39.99118"
P-322	22	19°56'10.27157"	80°41'18.81607"	P-372	23	19°55'35.66349"	80°35'41.56884"
P-323	22	19°56'04.83670"	80°41'15.37187"	P-373	23	19°55'29.41039"	80°35'43.46119"
P-324	22	19°56'04.03816"	80°41'14.69158"	P-374	23	19°55'22.93383"	80°35'43.91457"
P-325	22	19°56'04.03816"	80°41'14.69158"	P-375	23	19°55'16.89822"	80°35'46.46488"
P-326	22	19°55'59.83536"	80°41'09.45341"	P-376	23	19°55'11.10590"	80°35'49.40623"
P-327	22	19°55'54.58495"	80°41'05.41163"	P-377	23	19°55'05.40915"	80°35'52.53656"
P-328	22	19°55'48.83861"	80°41'03.08931"	P-378	23	19°55'00.70741"	80°35'57.23833"
P-329	22	19°55'43.47218"	80°40'59.26016"	P-379	23	19°54'55.94278"	80°36'01.87279"
P-330	22	19°55'37.15312"	80°40'59.27180"	P-380	23	19°54'50.49262"	80°36'05.57663"
P-331	22	19°55'30.67912"	80°40'59.72933"	P-381	23	19°54'44.47685"	80°36'08.18876"
P-332	22	19°55'24.32890"	80°41'01.13700"	P-382	23	19°54'40.56760"	80°36'10.17985"
P-333	22	19°55'19.22782"	80°41'05.37645"	P-383	24	19°54'18.54339"	80°36'22.39267"
P-334	22	19°55'13.32895"	80°41'08.00590"	P-384	24	19°54'14.69716"	80°36'27.92094"
P-335	22	19°55'07.86123"	80°41'11.73053"	P-385	24	19°54'11.15629"	80°36'33.69019"
P-336	22	19°55'04.32742"	80°41'14.48352"	P-386	24	19°54'07.52139"	80°36'39.37422"
P-337	22	19°55'02.57874"	80°41'15.42663"	P-387	24	19°54'03.00855"	80°36'44.32230"
P-338	22	19°54'56.45333"	80°41'17.69050"	P-388	24	19°53'57.72718"	80°36'48.33419"
P-339	22	19°54'50.13029"	80°41'16.71595"	P-389	24	19°53'52.36622"	80°36'52.22762"
P-340	22	19°54'45.07632"	80°41'15.35020"	P-390	24	19°53'46.35471"	80°36'54.77790"
P-341	22	19°55'03.14707"	80°41'15.23006"	P-391	24	19°53'39.87903"	80°36'55.36379"
P-342	22	19°56'47.03439"	80°41'51.97859"	P-392	24	19°53'33.42550"	80°36'56.14352"
P-343	22	19°56'41.06214"	80°41'53.62221"	P-393	24	19°53'27.08311"	80°36'57.67432"
P-344	22	19°56'35.23467"	80°41'53.34897"	P-394	24	19°53'21.23656"	80°37'00.50179"
P-345	22	19°56'29.38287"	80°41'50.37186"	P-395	24	19°53'16.13603"	80°37'04.75873"
P-346	22	19°56'22.99842"	80°41'50.45860"	P-396	24	19°53'11.42591"	80°37'09.50009"

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Point	Patch	Latitud in D:M:S	Longitud in D:M:S	Point	Patch	Latitud in D:M:S	Longitud in D:M:S
P-347	22	19°56'17.57326"	80°41'47.23191"	P-397	24	19°53'07.35127"	80°37'14.85570"
P-348	22	19°56'12.79906"	80°41'42.84557"	P-398	24	19°53'02.93234"	80°37'19.87758"
P-349	22	19°56'10.90942"	80°41'36.30811"	P-399	24	19°52'58.14070"	80°37'24.52750"
P-350	22	19°56'10.91389"	80°41'31.44160"	P-400	24	19°52'52.77325"	80°37'28.36263"
P-401	24	19°52'47.82122"	80°37'32.81534"	P-451	27	19°54'05.40160"	80°34'16.86497"
P-402	24	19°52'44.69082"	80°37'38.68640"	P-452	27	19°54'09.62775"	80°34'11.81790"
P-403	24	19°52'39.70019"	80°37'41.66079"	P-453	27	19°54'11.14493"	80°34'06.26037"
P-404	24	19°52'34.45664"	80°37'37.63065"	P-454	28	19°54'04.87570"	80°33'33.19826"
P-405	24	19°52'34.37421"	80°37'37.55426"	P-455	28	19°53'59.55238"	80°33'29.24416"
P-406	24	19°52'34.37421"	80°37'37.55426"	P-456	28	19°53'53.93685"	80°33'25.93681"
P-407	24	19°52'28.37588"	80°37'36.92386"	P-457	28	19°53'47.50015"	80°33'24.93819"
P-408	24	19°52'22.09086"	80°37'38.69497"	P-458	28	19°53'41.16053"	80°33'23.57965"
P-409	24	19°52'15.95029"	80°37'40.96262"	P-459	28	19°53'35.67340"	80°33'19.89706"
P-410	24	19°52'09.56989"	80°37'40.88715"	P-460	28	19°53'30.12829"	80°33'16.31068"
P-411	24	19°52'03.35453"	80°37'38.85596"	P-461	28	19°53'25.41416"	80°33'11.77602"
P-412	24	19°51'57.18972"	80°37'36.68682"	P-462	28	19°53'22.68932"	80°33'05.53186"
P-413	24	19°51'50.70187"	80°37'36.64369"	P-463	28	19°53'19.97308"	80°32'59.28443"
P-414	24	19°51'50.57872"	80°37'36.67933"	P-464	28	19°53'15.12839"	80°32'59.20514"
P-415	24	19°51'50.57872"	80°37'36.67933"	P-465	28	19°53'10.21827"	80°33'02.97766"
P-416	24	19°51'45.16596"	80°37'40.41937"	P-466	29	19°52'18.68283"	80°33'39.41685"
P-417	24	19°51'40.18737"	80°37'44.84596"	P-467	29	19°52'12.42471"	80°33'40.82624"
P-418	24	19°51'38.90437"	80°37'45.90529"	P-468	29	19°52'06.37352"	80°33'38.30311"
P-419	25	19°50'07.76514"	80°38'41.26994"	P-469	29	19°51'59.93372"	80°33'38.05895"
P-420	25	19°50'11.57881"	80°38'42.23672"	P-470	29	19°51'53.46428"	80°33'38.78298"
P-421	25	19°50'17.13571"	80°38'39.19659"	P-471	29	19°51'47.40957"	80°33'36.83153"
P-422	25	19°50'22.69986"	80°38'35.93928"	P-472	29	19°51'43.64155"	80°33'31.51443"
P-423	25	19°50'28.67873"	80°38'34.40305"	P-473	29	19°51'41.36109"	80°33'25.56808"
P-424	25	19°50'35.11438"	80°38'35.37798"	P-474	29	19°53'05.54161"	80°33'06.40427"
P-425	25	19°50'41.52200"	80°38'36.54416"	P-475	29	19°53'01.86994"	80°33'11.79931"
P-426	25	19°50'46.68633"	80°38'36.51527"	P-476	29	19°52'59.31632"	80°33'18.12248"
P-427	25	19°50'46.58840"	80°38'36.88295"	P-477	29	19°52'56.11270"	80°33'24.08708"
P-428	25	19°50'40.09598"	80°38'36.72736"	P-478	29	19°52'51.97537"	80°33'29.39296"
P-429	25	19°50'33.69059"	80°38'35.53476"	P-479	29	19°52'47.65868"	80°33'34.53089"

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Point	Patch	Latitud in D:M:S	Longitud in D:M:S	Point	Patch	Latitud in D:M:S	Longitud in D:M:S
P-430	25	19°50'27.25672"	80°38'34.54911"	P-480	29	19°52'43.43697"	80°33'39.66474"
P-431	25	19°50'21.55401"	80°38'37.23268"	P-481	29	19°52'36.97485"	80°33'39.39336"
P-432	25	19°50'16.18433"	80°38'40.63822"	P-482	29	19°52'30.72770"	80°33'41.26875"
P-433	25	19°50'10.16102"	80°38'42.85061"	P-483	29	19°52'25.07357"	80°33'38.13103"
P-434	25	19°50'07.76514"	80°38'41.26994"	P-484	29	19°52'18.82607"	80°33'39.36032"
P-435	26	19°52'12.91545"	80°36'18.20985"	P-485	29	19°52'18.68283"	80°33'39.41685"
P-436	26	19°52'19.08789"	80°36'16.06447"	P-486	29	19°51'41.36109"	80°33'25.56808"
P-437	26	19°52'23.27646"	80°36'11.15015"	P-487	29	19°51'36.65751"	80°33'22.00623"
P-438	26	19°52'27.51312"	80°36'05.95896"	P-488	29	19°51'30.40463"	80°33'21.22142"
P-439	26	19°52'30.30760"	80°36'05.09600"	P-489	29	19°51'30.26812"	80°33'21.46198"
P-440	27	19°53'19.86484"	80°35'02.42376"	P-490	29	19°51'30.26812"	80°33'21.46198"
P-441	27	19°53'20.97649"	80°34'55.70361"	P-491	29	19°51'25.84728"	80°33'16.78788"
P-442	27	19°53'26.24622"	80°34'54.80154"	P-492	29	19°51'19.77656"	80°33'16.05757"
P-443	27	19°53'32.33144"	80°34'54.04120"	P-493	29	19°51'14.62464"	80°33'12.07966"
P-444	27	19°53'37.56460"	80°34'49.95482"	P-494	29	19°51'09.02533"	80°33'08.57894"
P-445	27	19°53'43.36585"	80°34'47.33985"	P-495	29	19°51'03.44092"	80°33'05.05569"
P-446	27	19°53'49.05810"	80°34'44.70642"	P-496	29	19°50'57.82118"	80°33'01.59271"
P-447	27	19°53'54.08874"	80°34'40.34685"	P-497	29	19°50'51.50626"	80°33'00.03819"
P-448	27	19°53'57.29211"	80°34'34.70830"	P-498	29	19°50'50.79796"	80°32'59.87933"
P-449	27	19°53'58.75034"	80°34'28.00614"	P-499	30	19°49'44.45037"	80°28'19.04439"
P-450	27	19°54'00.57750"	80°34'21.45179"	P-500	30	19°49'41.57457"	80°28'12.87733"
P-501	30	19°49'36.54425"	80°28'08.91936"	P-551	33	19°51'29.45128"	80°31'05.55175"
P-502	30	19°49'30.64285"	80°28'06.02474"	P-552	33	19°52'27.50613"	80°31'40.24878"
P-503	30	19°49'25.01319"	80°28'07.85908"	P-553	33	19°52'31.67970"	80°31'45.52229"
P-504	30	19°49'19.01619"	80°28'08.78358"	P-554	33	19°52'35.76659"	80°31'50.87246"
P-505	30	19°49'18.83091"	80°28'08.73205"	P-555	33	19°52'41.02139"	80°31'54.65242"
P-506	30	19°49'04.50938"	80°33'51.02479"	P-556	33	19°52'45.35795"	80°31'59.72478"
P-507	30	19°48'59.31866"	80°33'55.16458"	P-557	33	19°52'48.44973"	80°32'05.77570"
P-508	30	19°49'28.86424"	80°33'19.69172"	P-558	33	19°52'52.94736"	80°32'10.69794"
P-509	30	19°49'24.41004"	80°33'24.65659"	P-559	33	19°52'57.76676"	80°32'15.31753"
P-510	30	19°49'20.15475"	80°33'29.85696"	P-560	33	19°53'03.38418"	80°32'18.26869"
P-511	30	19°49'15.94698"	80°33'35.09956"	P-561	33	19°53'08.15975"	80°32'17.67882"
P-512	30	19°49'14.40058"	80°33'37.00598"	P-562	33	19°51'20.63271"	80°30'40.30595"

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Point	Patch	Latitud in D:M:S	Longitud in D:M:S	Point	Patch	Latitud in D:M:S	Longitud in D:M:S
P-513	30	19°49'18.83091"	80°28'08.73205"	P-563	33	19°51'24.66498"	80°30'45.66362"
P-514	30	19°49'12.53947"	80°28'06.98017"	P-564	33	19°51'28.15811"	80°30'51.44535"
P-515	30	19°49'05.17271"	80°28'04.08564"	P-565	33	19°51'30.61916"	80°30'57.53453"
P-516	30	19°49'04.01469"	80°28'03.35268"	P-566	33	19°51'35.59098"	80°31'01.41026"
P-517	31	19°50'08.13611"	80°29'16.17654"	P-567	33	19°51'36.44636"	80°30'14.46152"
P-518	31	19°50'03.63168"	80°29'11.21572"	P-568	33	19°51'33.76967"	80°30'18.34575"
P-519	31	19°49'59.70561"	80°29'05.88474"	P-569	33	19°51'34.70646"	80°31'02.73935"
P-520	31	19°49'54.33404"	80°29'03.59949"	P-570	33	19°51'40.56906"	80°31'03.64699"
P-521	31	19°49'57.25207"	80°28'57.60086"	P-571	33	19°51'45.98287"	80°31'07.31160"
P-522	31	19°49'57.22039"	80°28'50.74756"	P-572	33	19°51'48.80055"	80°31'13.41444"
P-523	31	19°49'57.66668"	80°28'44.75856"	P-573	33	19°51'51.18346"	80°31'19.79818"
P-524	31	19°49'57.66668"	80°28'44.75856"	P-574	33	19°51'55.91640"	80°31'24.24105"
P-525	31	19°49'57.75596"	80°28'43.39888"	P-575	33	19°52'01.46809"	80°31'27.82485"
P-526	32	19°51'17.24595"	80°29'55.35417"	P-576	33	19°52'07.43554"	80°31'30.53447"
P-527	32	19°51'10.74403"	80°29'55.17632"	P-577	33	19°52'13.40187"	80°31'33.25623"
P-528	32	19°51'04.34451"	80°29'56.12387"	P-578	33	19°52'19.42866"	80°31'35.57540"
P-529	32	19°50'58.33576"	80°29'54.62075"	P-579	33	19°52'25.32454"	80°31'37.88605"
P-530	32	19°50'52.70705"	80°29'51.17322"	P-580	33	19°52'27.09182"	80°31'39.76785"
P-531	32	19°50'46.90294"	80°29'48.09855"	P-581	33	19°51'33.63183"	80°30'18.02251"
P-532	32	19°50'40.40727"	80°29'47.77309"	P-582	33	19°51'35.68673"	80°30'12.63657"
P-533	32	19°50'35.59037"	80°29'43.30372"	P-583	33	19°51'33.27715"	80°31'00.72752"
P-534	32	19°50'34.31370"	80°29'40.77567"	P-584	33	19°51'29.98187"	80°30'55.45401"
P-535	33	19°53'08.15975"	80°32'17.67882"	P-585	33	19°51'26.57081"	80°30'49.79394"
P-536	33	19°53'14.07467"	80°32'18.93997"	P-586	33	19°51'23.23917"	80°30'43.89515"
P-537	33	19°53'17.18945"	80°32'13.23921"	P-587	33	19°51'20.51717"	80°30'40.69267"
P-538	33	19°53'19.54711"	80°32'07.29719"	P-588	33	19°54'05.01997"	80°31'32.07500"
P-539	33	19°53'24.62201"	80°32'02.99444"	P-589	33	19°54'10.60796"	80°31'28.55323"
P-540	33	19°53'29.64564"	80°31'58.62664"	P-590	33	19°54'16.16204"	80°31'24.97186"
P-541	33	19°53'35.21133"	80°31'55.06577"	P-591	33	19°54'22.45424"	80°31'23.61145"
P-542	33	19°53'40.78228"	80°31'51.51352"	P-592	33	19°54'28.93826"	80°31'23.05863"
P-543	33	19°53'46.42117"	80°31'48.08439"	P-593	33	19°54'35.37438"	80°31'22.05642"
P-544	33	19°53'52.06196"	80°31'44.65797"	P-594	33	19°54'41.02351"	80°31'21.21599"
P-545	33	19°53'56.38671"	80°31'40.00075"	P-595	33	19°54'40.72454"	80°31'15.06822"

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Point	Patch	Latitud in D:M:S	Longitud in D:M:S	Point	Patch	Latitud in D:M:S	Longitud in D:M:S
P-546	33	19°54'00.42170"	80°31'35.05183"	P-596	33	19°51'33.76967"	80°30'18.34575"
P-547	33	19°54'05.01997"	80°31'32.07500"	P-597	33	19°51'29.04321"	80°30'18.84662"
P-548	33	19°51'11.17603"	80°31'01.51000"	P-598	33	19°51'33.63183"	80°30'18.02251"
P-549	33	19°51'16.71169"	80°31'04.04665"	P-599	34	19°53'57.27356"	80°29'56.94052"
P-550	33	19°51'23.10917"	80°31'05.28188"	P-600	34	19°54'00.87487"	80°29'51.29534"
P-601	34	19°54'03.40395"	80°29'44.96044"	P-651	36	19°54'44.95327"	80°31'34.66787"
P-602	34	19°54'05.84479"	80°29'38.58638"	P-652	36	19°54'42.04804"	80°31'38.46496"
P-603	34	19°54'10.58621"	80°29'33.94188"	P-653	36	19°54'42.21000"	80°31'45.34138"
P-604	34	19°54'11.18534"	80°29'33.46705"	P-654	36	19°54'43.26328"	80°31'52.03789"
P-605	34	19°54'50.28760"	80°28'53.28103"	P-655	36	19°54'47.03464"	80°31'57.64158"
P-606	34	19°54'55.31034"	80°28'50.17462"	P-656	36	19°54'50.61118"	80°32'03.38659"
P-607	34	19°54'55.89153"	80°28'50.00705"	P-657	36	19°54'50.74934"	80°32'03.63235"
P-608	34	19°54'11.18534"	80°29'33.46705"	P-658	37	19°55'30.49553"	80°32'31.02580"
P-609	34	19°54'16.07106"	80°29'29.17942"	P-659	37	19°55'36.88136"	80°32'32.20824"
P-610	34	19°54'20.03791"	80°29'24.16374"	P-660	37	19°55'43.36118"	80°32'32.73955"
P-611	34	19°54'21.99971"	80°29'17.61160"	P-661	37	19°55'58.69854"	80°32'49.43458"
P-612	34	19°54'27.62123"	80°29'14.51492"	P-662	37	19°56'02.61970"	80°32'54.92138"
P-613	34	19°54'32.57327"	80°29'10.28867"	P-663	37	19°56'06.54423"	80°33'00.40803"
P-614	34	19°54'37.38846"	80°29'05.71917"	P-664	37	19°56'10.40094"	80°33'05.94852"
P-615	34	19°54'42.67993"	80°29'01.71896"	P-665	37	19°56'13.16453"	80°33'10.32240"
P-616	34	19°54'47.93149"	80°28'57.66427"	P-666	37	19°56'56.90736"	80°34'14.77189"
P-617	34	19°54'51.29106"	80°28'53.67827"	P-667	37	19°56'58.21420"	80°34'16.63096"
P-618	34	19°54'40.44065"	80°31'10.53097"	P-668	37	19°56'52.37862"	80°34'08.37152"
P-619	34	19°54'38.12729"	80°31'04.13475"	P-669	37	19°56'56.26749"	80°34'13.88352"
P-620	34	19°54'35.46316"	80°30'57.86054"	P-670	37	19°56'56.90736"	80°34'14.77189"
P-621	34	19°54'32.78492"	80°30'51.59256"	P-671	38	20°06'15.16263"	80°35'16.96591"
P-622	34	19°54'29.01061"	80°30'46.40608"	P-672	38	20°06'14.14889"	80°35'10.55190"
P-623	34	19°54'22.87298"	80°30'44.13515"	P-673	38	20°06'19.00247"	80°35'06.37116"
P-624	34	19°54'16.75206"	80°30'41.80693"	P-674	38	20°06'22.16913"	80°35'06.45267"
P-625	34	19°54'13.55454"	80°30'40.64650"	P-675	38	20°06'16.10083"	80°35'08.37868"
P-626	35	19°55'39.98022"	80°30'46.14124"	P-676	38	20°06'14.63480"	80°35'14.48270"
P-627	35	19°55'40.44855"	80°30'52.93021"	P-677	38	20°06'15.61113"	80°35'17.13170"
P-628	35	19°55'38.86445"	80°30'58.86550"	P-678	38	20°02'12.53939"	80°33'04.36043"

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Point	Patch	Latitud in D:M:S	Longitud in D:M:S	Point	Patch	Latitud in D:M:S	Longitud in D:M:S
P-629	35	19°55'32.48295"	80°30'57.82695"	P-679	38	20°02'13.45464"	80°33'03.06295"
P-630	35	19°55'28.84870"	80°31'03.48577"	P-680	38	20°02'16.00235"	80°33'00.62239"
P-631	35	19°55'25.98011"	80°31'09.61896"	P-681	38	20°02'12.23058"	80°33'04.89716"
P-632	35	19°55'25.17383"	80°31'16.42861"	P-682	38	20°06'12.08594"	80°35'34.76009"
P-633	35	19°55'24.55454"	80°31'23.27674"	P-683	38	20°06'08.08883"	80°35'39.90990"
P-634	35	19°55'24.12102"	80°31'30.13413"	P-684	38	20°06'07.79210"	80°35'40.10341"
P-635	35	19°55'24.00185"	80°31'37.01199"	P-685	38	20°06'00.72367"	80°35'43.69058"
P-636	35	19°55'20.16453"	80°31'40.04240"	P-686	38	20°05'54.69461"	80°35'41.19912"
P-637	35	19°55'13.75314"	80°31'38.87379"	P-687	38	20°05'54.33232"	80°35'41.02346"
P-638	35	19°55'12.42980"	80°31'39.03359"	P-688	38	20°05'52.60417"	80°35'39.73282"
P-639	35	19°55'31.83048"	80°29'46.97618"	P-689	38	20°05'53.07219"	80°35'39.93072"
P-640	35	19°55'29.97349"	80°29'53.56894"	P-690	39	20°07'28.57251"	80°34'56.47012"
P-641	35	19°55'32.40325"	80°29'59.06055"	P-691	39	20°07'22.11933"	80°34'55.63782"
P-642	35	19°55'30.97527"	80°30'05.74649"	P-692	39	20°07'16.52020"	80°34'58.82273"
P-643	35	19°55'30.61629"	80°30'12.44604"	P-693	39	20°07'11.86300"	80°35'01.34185"
P-644	35	19°55'31.22212"	80°30'18.94881"	P-694	39	20°07'11.82939"	80°35'00.89980"
P-645	35	19°55'33.31955"	80°30'25.46062"	P-695	39	20°07'17.41823"	80°34'57.60104"
P-646	35	19°55'35.44045"	80°30'31.96350"	P-696	39	20°07'23.25062"	80°34'55.33266"
P-647	35	19°55'37.53190"	80°30'38.47679"	P-697	39	20°07'28.81700"	80°34'56.12759"
P-648	35	19°55'39.58554"	80°30'45.00336"				
P-649	35	19°55'39.98022"	80°30'46.14124"				
P-650	36	19°54'51.45523"	80°31'34.44958"				

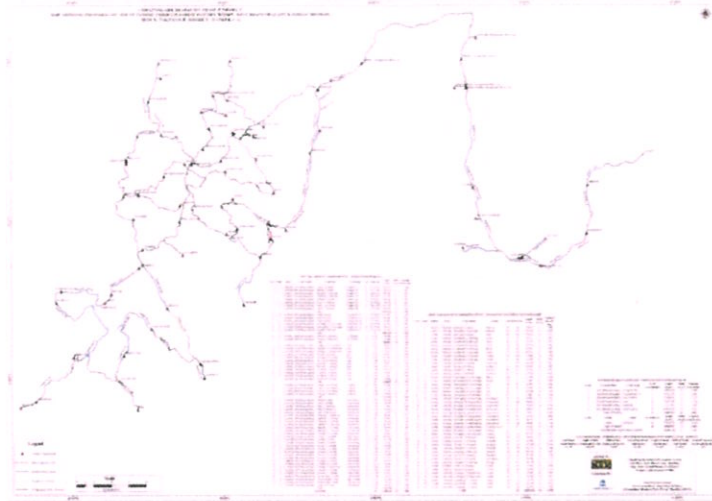


वन मंडलीधिकारी
पश्चिम भानुप्रतापपुर वनमंडल
भानुप्रतापपुर



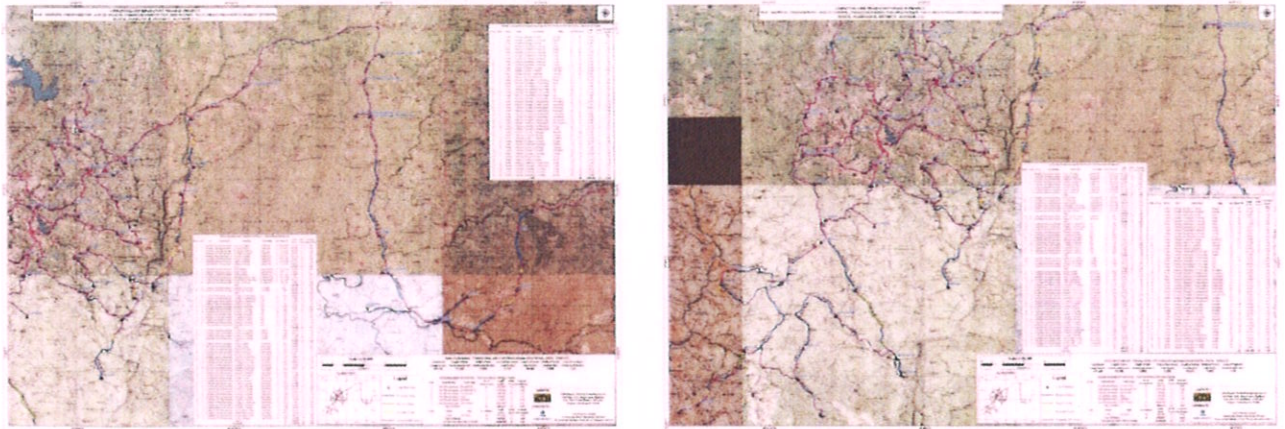
5.3. Geo-Referenced Maps of the Proposed Route (Annexure-3)

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



Geo-Referenced Maps of Forest Patched with in West Bhanupratappur Forest Division

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



Geo-referenced Toposheet Map of Forest Patched Pakhanjur Block (Part-1 and Part-2) in West Bhanupratappur.

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