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क्र./मा.चि./ ४३९८
प्रति,

जगदलपुर, दिनांक ०५/१०/२०१९

✓ प्राधिकृत अधिकारी,
टाटा प्रोजेक्ट्स लिमिटेड,
रायपुर (छ.ग.)

विषय :- भारत सरकार की महत्वपूर्ण योजना “भारतनेट प्रोजेक्ट” (A Part of Digital India) के सफल कियान्वयन हेतु बस्तर वनमण्डल क्षेत्रान्तर्गत बकावण्ड एवं जगदलपुर के अंतर्गत शामिल ग्राम पंचायत के मार्ग समानान्तर 5.872 हैं। वनभूमि एवं 2.474 हैं। राजस्व वनभूमि कुल रकबा 8.346 है। वनभूमि पर ऑप्टिकल फायबर केबल विछाने हेतु डी.जी.पी.एस./लीडर सर्वे रिपोर्ट के सत्यापन बाबत्।

संदर्भ :- आपका पत्र/भानेप्रो/ओएफसी/वनभूमि/प्रस्ताव/2019-20/08 दिनांक 24.09.2019

-00-

उपरोक्त विषयांतर्गत संदर्भित पत्र द्वारा बस्तर वनमण्डल के अंतर्गत परिक्षेत्र बस्तर रकबा 0.020 है। वनभूमि, परिक्षेत्र भानपुरी रकबा 0.046 है। वनभूमि, परिक्षेत्र करपावण्ड रकबा 1.160 है। वनभूमि, परिक्षेत्र बकावण्ड रकबा 3.682 है। वनभूमि/राजस्व वनभूमि, परिक्षेत्र जगदलपुर रकबा 2.740 है। वनभूमि/राजस्व वनभूमि एवं परिक्षेत्र माचकोट 0.697 है। वनभूमि कुल 8.346 है। वनभूमि विभिन्न ग्रामों में सङ्क के समानान्तर ऑप्टिकल फायबर केबल विछाने हेतु प्रस्तावित क्षेत्र का डी.जी.पी.एस. सर्वे रिपोर्ट की सत्यापन हेतु इस कार्यालय में प्राप्त हुआ है। डी.जी.पी.एस. सर्वे रिपोर्ट का सत्यापन उप वनमण्डलाधिकारी बस्तर एवं जगदलपुर द्वारा किया गया है।

अतः डी.जी.पी.एस. सर्वे रिपोर्ट मूलतः (एक फाईल) आवश्यक कार्यवाही हेतु संलग्न प्रेषित है।

संलग्न :- उपरोक्तानुसार।

पृ. क./मा.चि./ ४३९९

प्रतिलिपि :-

- उप वनमण्डलाधिकारी बस्तर एवं जगदलपुर की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु अग्रेषित।
- परिक्षेत्र अधिकारी, बस्तर, भानपुरी, करपावण्ड, बकावण्ड, जगदलपुर एवं माचकोट की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु अग्रेषित।

वनमण्डलाधिकारी
बस्तर वनमण्डल, जगदलपुर

जगदलपुर, दिनांक ०५/१०/२०१९

वनमण्डलाधिकारी
बस्तर वनमण्डल, जगदलपुर

CHHATTISGARH BHARATNET PHASE-II PROJECT

LiDAR/DGPS SURVEY REPORT FOR BASTAR FOREST DIVISION FOR DIVERSION OF PROPOSED OFC ROUTES

Forest Division : **BASTAR**
Forest Land (RF/PF/OA) : **5.872 Ha.**
Rev. Forest Land : **2.474 Ha.**
Total Proposed Diversion Area : **8.346 Ha.**
Block : **BAKAWAND AND JAGDALPUR**
District : **BASTAR (C.G.)**

Applicant -



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

Submitted By –



TATA PROJECTS

Tata Projects Limited, Raipur (Chhattisgarh)



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1. Introduction and Background

1.1. Background

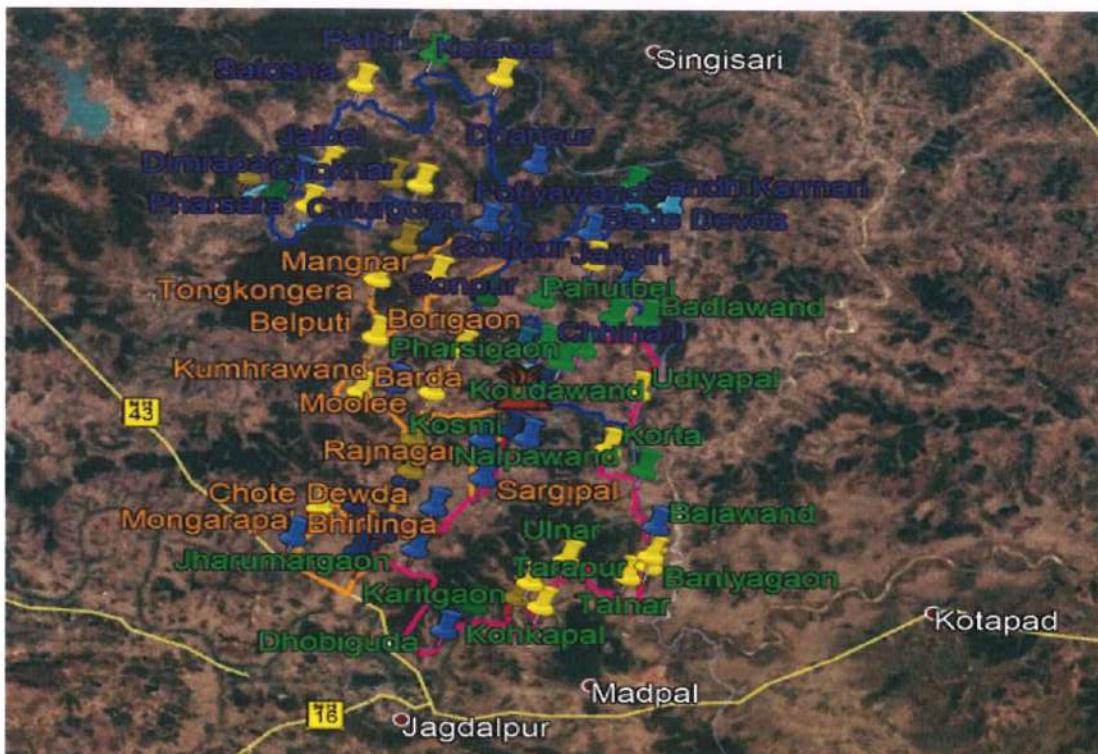
The Government of Chhattisgarh intends to setup an Optical Fibre Cable Network from the Block Head Quarters to Gram Panchayats to provide high speed broadband connectivity by connecting the 85 Blocks, 5987 Gram Panchayats across the State. The proposed network architecture for BharatNet Phase-II project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

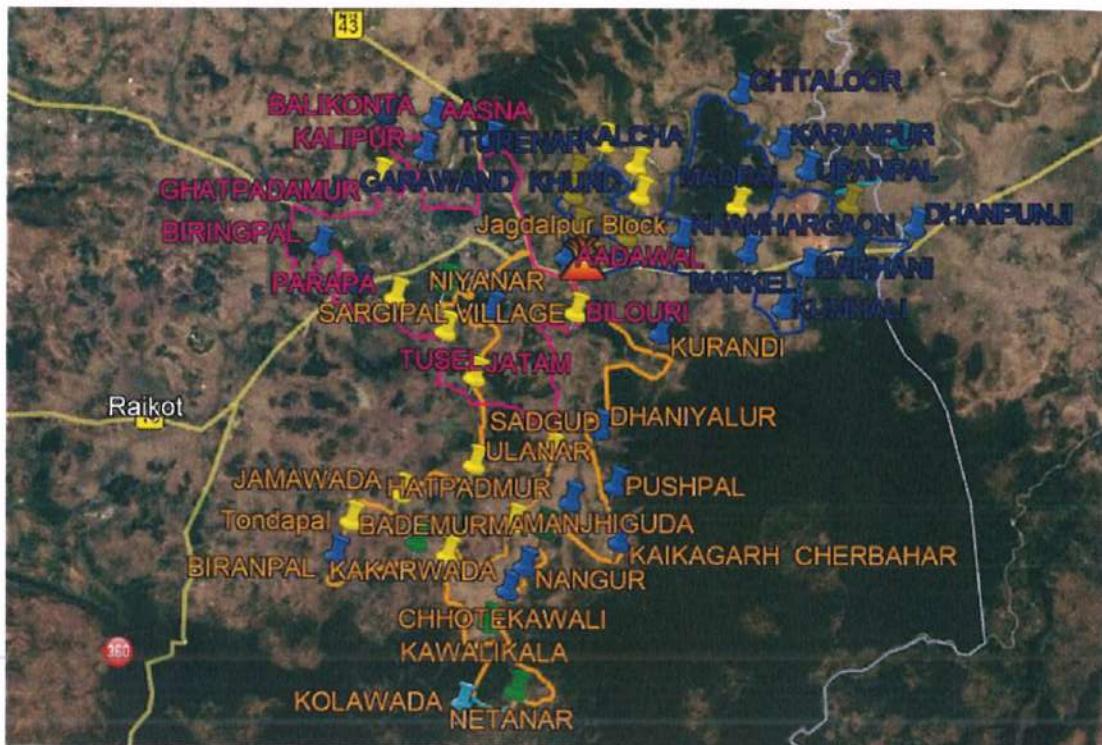
The Chhattisgarh Infotech Promotion Society (CHiPS), a Registered Society promoted by the Government of Chhattisgarh, is the nodal agency and prime mover for propelling IT growth and implementation of IT plans in the State.

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 Bakawand and Jagdalpur block with in Bastar Forest Division.





OFC Cable Proposed Routes in Jagdalpur block in Bastar Forest Division.

1.3. Location

The proposed OFC Cable route in Bastar Forest Division (The OFC route Bakawand and Jagdalpur Block; District: Bastar). The Proposed OFC route length is approx. 335.638 in Bakawand Block, 257.200 km in Jagdalpur Block and 335.638 km in Bakawand Block hence Total route length is 592.838 km. The survey site passes through forest ranges Bakawand, Bastar, Bhanpuri, Jagdalpur (T), Karpawand and Machkote of Bastar Forest Division. The OFC Cable route is covered under Survey of India Toposheets 65E15, 65E16, 65F13, 65I03, 65I04, and 65J01 on RF 1:50000.

1.4. Objective

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

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

2. Scope of Work

1. Establishment of Ground Control Pointy with 72 Hours observation which covering approx. 15 km 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.



List of GCP's -

Sr.No	District	GCP No.	Latitude (D:M:S)	Longitude(D:M:S)	Easting	Northing
1	Bastar	GPS-C16	N19°23'07.34511"	E82°04'05.78718"	19.38537	82.06827
2	Bastar	GPS-C17	N19°14'42.99906"	E82°04'19.29849"	19.24528	82.07203
5	Bastar	GPS-C18	N19°06'50.40698"	E82°04'23.78245"	19.11400	82.07327
6	Bastar	GPS-C19	N18°59'04.81281"	E82°01'10.07024"	18.98467	82.01946

Leica Geosystems AG
Heinrich-Wild-Straße
CH-9462 Heerbrugg
St. Gallen, Switzerland
Phone +41 71 727 3535
Fax +41 71 727 4674

- when it has to be right



GNSS Processing Report - Summary

Report created: 03/21/2019 19:47:29

Project Details

General		Customer Details		Master Coordinate System	
Project Name:	CHIPS	Customer Name:	-	Coordinate System Name:	UTM-16N
Owner:	GENESIS INTERNATIONAL CORPORATION LIMITED	Contact Person:	-	Transformation Type:	Classical 3D
Lead Surveyor:	-	Number:	-	Residual Distribution:	None
Date Created:	07/11/2019 14:21:05	Email:	-	Ellipsoid:	WGS 1984
Last Accessed:	07/11/2019 14:25:06	Site:	-	Projection Type:	UTM
Application Software:	Infinity 2.3	Website:	-	Geoid Model:	EGM_2008
Path:	D:\UNINET\PROJECTS\CHIPS\CHIPS.ipx			CSCS Model:	-
Size:	5,395.3 MB				
Comments:	-				

SPP Point: 9453Base_1

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

Data	Selected	Used	Comments
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Frequency:	Automatic	L1/L2/L2/L5	
Sampling Rate:	Use All	1 sec	
Satellite System:	GPS/GLONASS/Bdellou	GPS/GLONASS/Bdellou	
Ephemeris Type:	Broadcast	Broadcast	
Antenna Calibration Sec:	Leica Relative	Leica Relative	
Processing Strategy			
Solution Type:	Phase Fixed	Navigated	
Solution Optimization:	Automatic	None	
Frequency to use in Iono Minimized:	Automatic	Automatic	
Tropospheric Model:	VMF with GPT2 model	VMF with GPT2 model	
Ionospheric Model:	Automatic	Computed	
Allow Hidelane Rx:	Automatic	No	
General Settings			
Min. Distance for Iono:	15 km		
Min. Height:			
Possible Ambiguities Rx Up to:	300 km		
Min. Duration for First Solution (ITMC):	00:00:00		

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

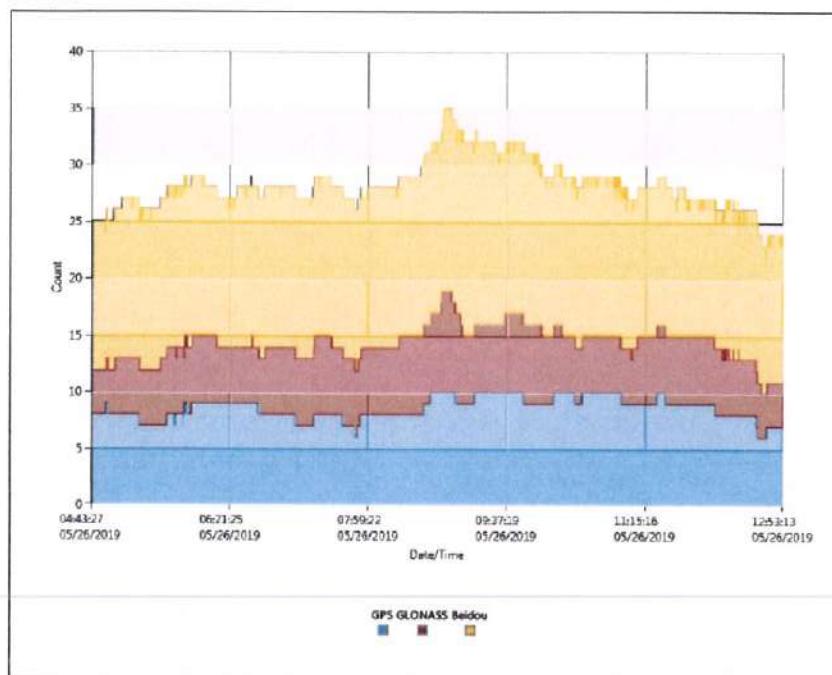
Receiver Name / SN: LEICA GS16 / 2003653
Antenna Name / SN: LE05516 / -
Carrier Offset: 0.3600 m
Height Reading: 1.1500 m
Antenna Height: 1.5100 m

Chhattisgarh BharatNet Phase-II Project

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

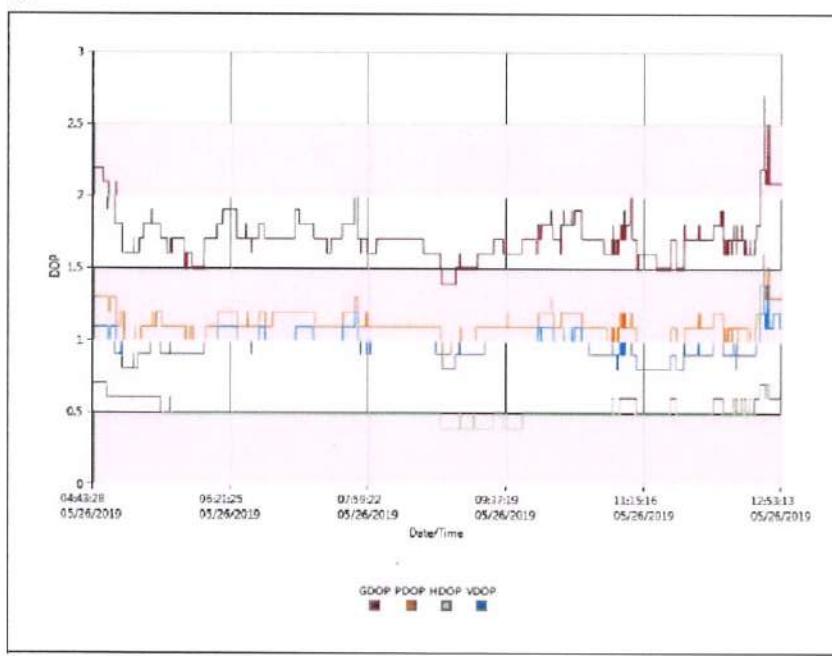
Processed Date/Time: 07/31/2019 19:36:23

SVs Tracked



GPS GLONASS BeiDou Galileo

DOP



GDOP PDOP HDOP VDOP

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).



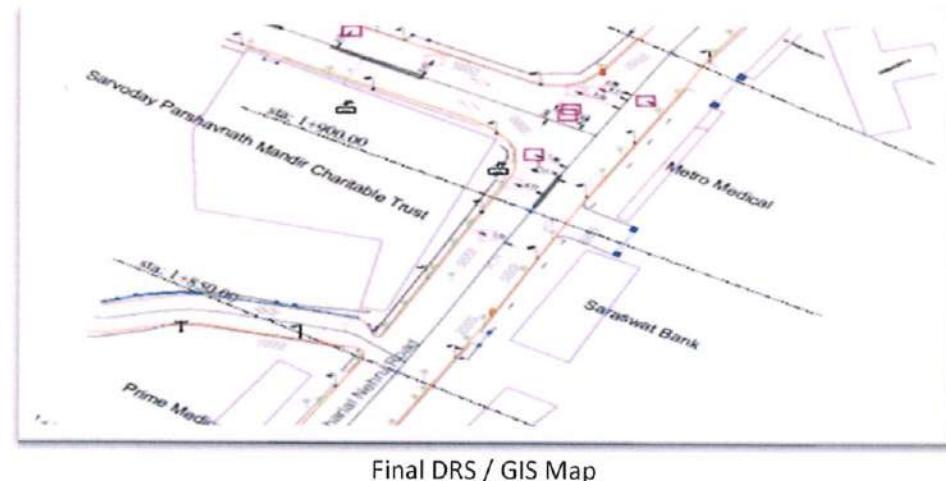
Mobile LiDAR Van

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.



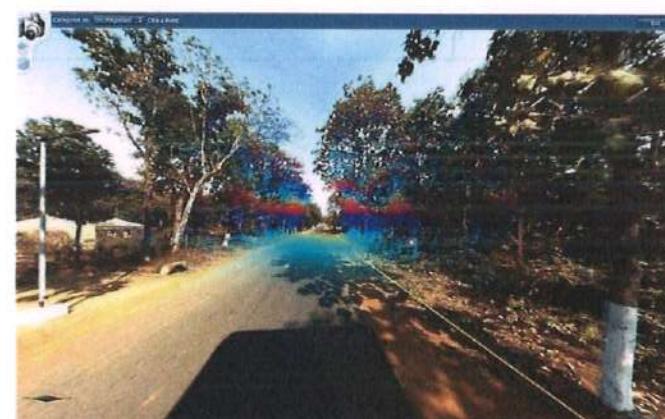
Feature Extraction on LiDAR



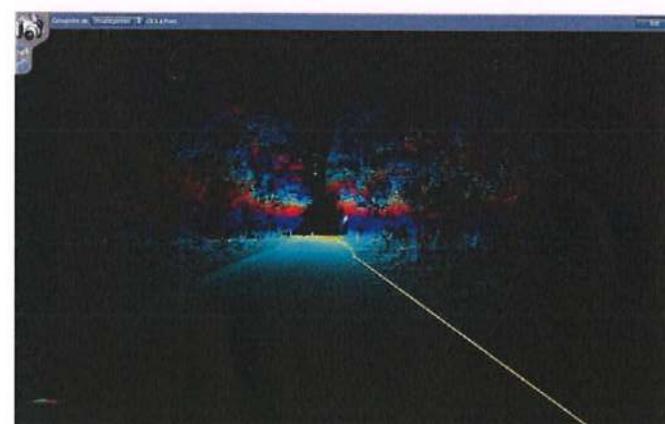
Final DRS / GIS Map

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.



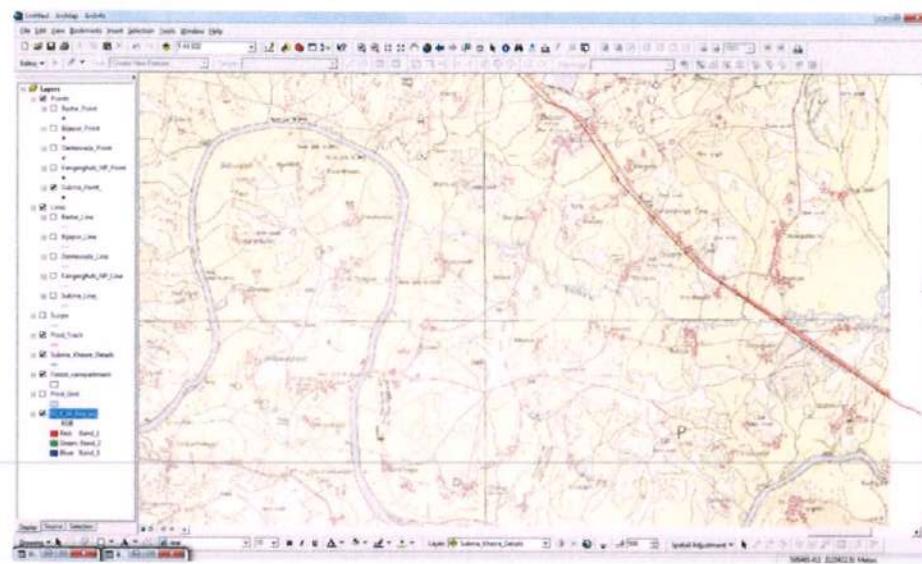
Proposed OFC Line on LiDAR Data (with Panoramic Imagery)



Proposed OFC Line on LiDAR Data only

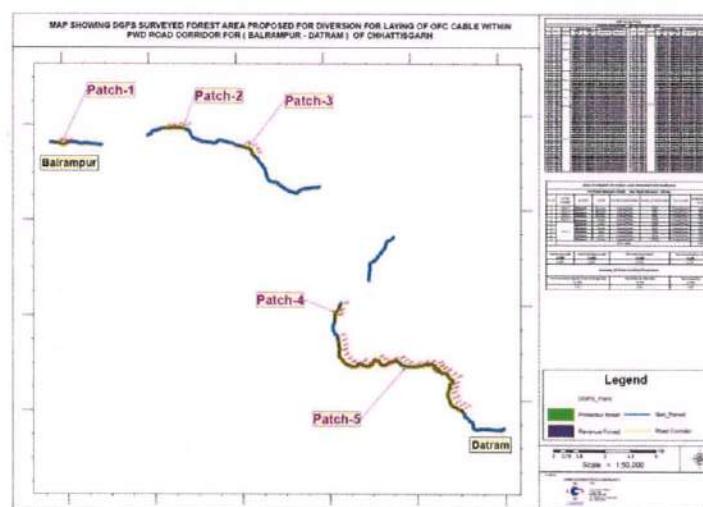
4.5. Geo-referencing of Maps:

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)



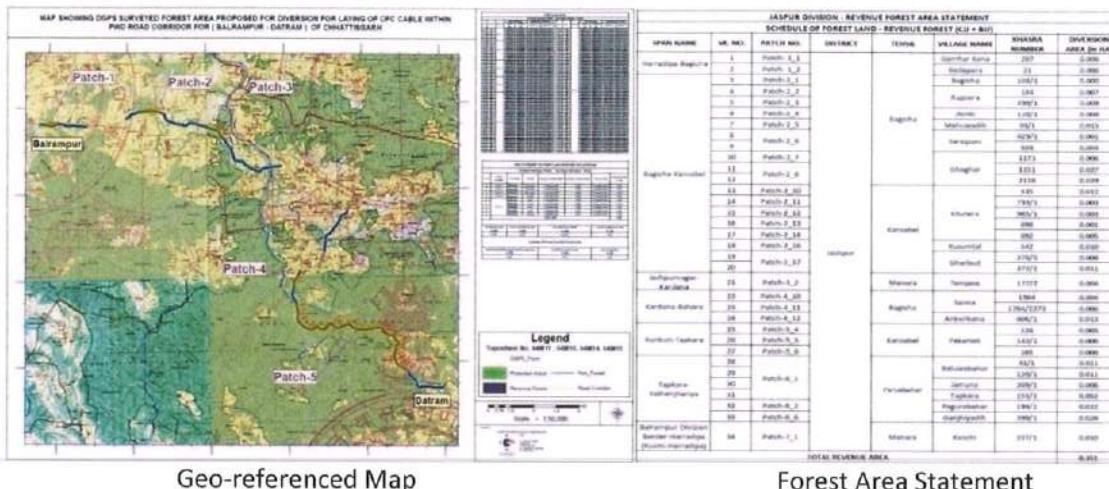
4.6. Creation of Vector Data for Forest Diversion:

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.



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. 592.838 km. covered Bakawand and Jagdalpur block of Bastar District. Out of this 425.918 km OFC route length is passing through non-forest Land and 166.920 km OFC route length is passing through Forest Patches hence the proposed forest area for diversion is 8.346 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 – Bakawand and Jagdalpur Forest Division, District - Bastar					
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.)
592.838	425.918	0.0005	21.296	166.920	0.0005

Bastar Forest Division – Total Forest Area for Diversion Proposal					
Sl. No.	Forest Division	Forest range	No of Compartment	Length (in m.)	Width (in m.)
1	Bastar	Bakawand	55	57270.894	0.5
2	Bastar	Bastar	1	400.670	0.5
3	Bastar	Bhanpuri	2	927.710	0.5
4	Bastar	Jagdalpur (t)	15	21686.659	0.5
5	Bastar	Karpawand	25	23206.082	0.5
6	Bastar	Machkote	13	13948.167	0.5
Total of Table A		111	117440.182	0.5	5.872
Sl. No.	District	Block	No of Khasra	Length (in m.)	Width (in m.)
1	Bastar	Jagdalpur	288	33124.622	0.5
2	Bastar	Bakawand	138	16355.636	0.5
Total of Table B		426	49480.258	0.5	2.474
Total Diversions Area (Table A+TableB)			166920.440	0.5	8.346



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	57	Bakawand	Bastar	Pharsara to churgoan	Bakawand	PF	1244P	105,985	0.5	0.005
2	61	Bakawand	Bastar	Pharsara to chhindgaon	Bakawand	PF	1147P	340,364	0.5	0.017
3	59	Bakawand	Bastar	Pathri to karpawand	Bakawand	PF	1250P	479,811	0.5	0.024
4	67	Bakawand	Bastar	Badlawand to udiyapal	Bakawand	PF	1282P	496,496	0.5	0.025
5	63	Bakawand	Bastar	Soutpur to jaitgiri	Bakawand	PF	1275P	514,849	0.5	0.026
6	66	Bakawand	Bastar	Matnar to sonpur	Bakawand	PF	1270P	536,802	0.5	0.027
7	55	Bakawand	Bastar	Pharsara to churgoan	Bakawand	PF	1243P	591,560	0.5	0.030
8	47	Bakawand	Bastar	Karpawand to sandhkarmari	Bakawand	PF	1239P	621,948	0.5	0.031
9	53	Bakawand	Bastar	Pharsara to churgoan	Bakawand	PF	1240P	706,459	0.5	0.035
10	65	Bakawand	Bastar	Matnar to sonpur	Bakawand	PF	1266P	733,878	0.5	0.037
11	64	Bakawand	Bastar	Jaitgiri to badlawand	Bakawand	PF	1280P	880,922	0.5	0.044
12	62	Bakawand	Bastar	Soutpur to jaitgiri	Bakawand	PF	1274P	1175,226	0.5	0.059
13	51	Bakawand	Bastar	Pharsara to churgoan	Bakawand	PF	1249P	1403,831	0.5	0.070
14	68	Bakawand	Bastar	Sandhkarmari to potiyawand	Bakawand	PF	1236P	1670,829	0.5	0.084
15	48	Bakawand	Bastar	Pathri to karpawand	Bakawand	PF	1248P	2703,742	0.5	0.135
16	78	Bakawand	Bastar	Karpawand to mangnar	Bakawand	PF	1253P	5,901	0.5	0.000
17	79	Bakawand	Bastar	Chiurgoan to ayatbelputee	Bakawand	PF	1255P	176,699	0.5	0.009
18	88	Bakawand	Bastar	Bakawand to barda	Bakawand	PF	1260P	236,629	0.5	0.012
19	87	Bakawand	Bastar	Bakawand to barda	Bakawand	RF	1259	288,876	0.5	0.014
20	89	Bakawand	Bastar	Bakawand to barda	Bakawand	PF	1295P	311,133	0.5	0.016
21	86	Bakawand	Bastar	Mangnar to borigaon	Bakawand	PF	1268P	356,417	0.5	0.018
22	81	Bakawand	Bastar	Mangnar to borigaon	Bakawand	PF	1271P	379,004	0.5	0.019
23	74	Bakawand	Bastar	Pathri to karpawand	Bakawand	PF	1250P	479,372	0.5	0.024
24	77	Bakawand	Bastar	Karpawand to mangnar	Bakawand	PF	1251P	596,864	0.5	0.030
25	71	Bakawand	Bastar	Pathri to karpawand	Bakawand	PF	1248P	709,502	0.5	0.035



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.)
26	80	Bakawand	Bastar	Chiurgoan to ayatbelputee	Bakawand	PF	1256P	728.190	0.5	0.036
27	84	Bakawand	Bastar	Mangnar to borigaon	Bakawand	PF	1267P	762.094	0.5	0.038
28	93	Bakawand	Bastar	Rajnagar to chote dewada	Bakawand	PF	1325P	933.132	0.5	0.047
29	85	Bakawand	Bastar	Tongkongera to barda	Bakawand	PF	1262P	1064.030	0.5	0.053
30	91	Bakawand	Bastar	Bakawand to barda	Bakawand	PF	1299P	1150.999	0.5	0.058
31	72	Bakawand	Bastar	Chiurgoan to ayatbelputee	Bakawand	PF	1249P	1288.015	0.5	0.064
32	90	Bakawand	Bastar	Bakawand to barda	Bakawand	PF	1290P	2042.950	0.5	0.102
33	83	Bakawand	Bastar	Mangnar to borigaon	Bakawand	PF	1266P	2551.377	0.5	0.128
34	82	Bakawand	Bastar	Chiurgoan to ayatbelputee	Bakawand	PF	1257P	2638.456	0.5	0.132
35	92	Bakawand	Bastar	Bakawand to rajnagar	Bakawand	PF	1291P	3010.699	0.5	0.151
36	109	Bakawand	Bastar	Aasna to dhofiguda	Bakawand	RF	1336	81.963	0.5	0.004
37	106	Bakawand	Bastar	Dhobiguda to karitaon	Bakawand	RF	1330	395.258	0.5	0.020
38	98	Bakawand	Bastar	Talnar to bajawand	Bakawand	PF	1307P	408.913	0.5	0.020
39	95	Bakawand	Bastar	Badiawand to udiyapal	Bakawand	PF	1282P	491.158	0.5	0.025
40	103	Bakawand	Bastar	Dhobiguda to karitaon	Bakawand	PF	1319P	572.913	0.5	0.029
41	102	Bakawand	Bastar	Aasna to aasna	Bakawand	RF	1329	645.752	0.5	0.032
42	5	Bakawand	Bastar	Aasna to aadawal	Bakawand	PF	1318 P	552.057	0.5	0.028
43	110	Bakawand	Bastar	Dhobiguda to karitaon	Bakawand	PF	1319P	724.957	0.5	0.036
44	100	Bakawand	Bastar	Talnar to bajawand	Bakawand	PF	1308P	908.682	0.5	0.045
45	99	Bakawand	Bastar	Chote dewada to rajnagar	Bakawand	RF	1325	919.862	0.5	0.046
46	111	Bakawand	Bastar	Dhobiguda to karitaon	Bakawand	PF	1319P	1313.519	0.5	0.066
47	107	Bakawand	Bastar	Aasna to aasna	Bakawand	PF	1334P	1584.954	0.5	0.079
48	96	Bakawand	Bastar	Bakawand to rajnagar	Bakawand	PF	1291P	1681.270	0.5	0.084
49	108	Bakawand	Bastar	Aasna to dhofiguda	Bakawand	RF	1333	1852.828	0.5	0.093



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.)
50	104	Bakawand	Bastar	Aasna to aasna	Bakawand	RF	1332	1853.887	0.5	0.093
51	97	Bakawand	Bastar	Korta to udiyapal	Bakawand	PF	1304P	1857.516	0.5	0.093
52	105	Bakawand	Bastar	Dhobiguda to karitgaon	Bakawand	RF	1331	2110.717	0.5	0.106
53	101	Bakawand	Bastar	Aasna to aasna	Bakawand	RF	1336	3592.384	0.5	0.180
54	1	Bakawand	Bastar	Aasna to aasna	Bakawand	RF	1334	740.087	0.5	0.037
55	2	Bakawand	Bastar	Dhobiguda to aasna	Bakawand	RF	1333	2309.176	0.5	0.115
Total-							55	57270.894	0.5	2.864
56	94	Bakawand	Bastar	Bhirling to kachnar	Bastar	RF	1445P	400.670	0.5	0.020
57	60	Bakawand	Bastar	Pharsara to chhindgaon	Bhanpuri	RF	1094	226.744	0.5	0.011
58	58	Bakawand	Bastar	Pharsara to churgoan	Bhanpuri	PF	1093P	700.966	0.5	0.035
							2	927.710	0.5	0.046
59	31	Jagdalpur	Bastar	Netanar to kolawada	Jagdalpur (t)	RF	1774	42.88	0.5	0.002
60	25	Jagdalpur	Bastar	Jamawada to ulanar	Jagdalpur (t)	PF	1742P	191.323	0.5	0.010
61	27	Jagdalpur	Bastar	Chhotekawali to netanar	Jagdalpur (t)	PF	1758P	599.917	0.5	0.030
62	29	Jagdalpur	Bastar	Kawallikala to netanar	Jagdalpur (t)	PF	1757P	631.264	0.5	0.032
63	17	Jagdalpur	Bastar	Sarpipal to niyanar	Jagdalpur (t)	RF	1721	954.113	0.5	0.048
64	24	Jagdalpur	Bastar	Ulanar to niyanar	Jagdalpur (t)	PF	1736P	1354.711	0.5	0.068
65	28	Jagdalpur	Bastar	Chhotekawali to netanar	Jagdalpur (t)	PF	1750P	1771.26	0.5	0.089
66	30	Jagdalpur	Bastar	Kolawada to kawalkala	Jagdalpur (t)	RF	1774	2343.262	0.5	0.117
67	26	Jagdalpur	Bastar	Birampal to kakarwada	Jagdalpur (t)	RF	1761	3073.204	0.5	0.154
68	18	Jagdalpur	Bastar	Sarpipal to aaddawal	Jagdalpur (t)	RF	1720	5093.847	0.5	0.255
69	7	Jagdalpur	Bastar	Kaknar to niyanar	Jagdalpur (t)	PF	1730P	185.552	0.5	0.009
70	9	Jagdalpur	Bastar	Ulanar to dhaniyalur	Jagdalpur (t)	PF	1734P	911.934	0.5	0.046



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.)
71	4	Jagdalpur	Bastar	Kumharawand to biringpal	Jagdalpur (t)	PF	1714P	925.506	0.5	0.046
72	8	Jagdalpur	Bastar	Ulanar to dhaniyalur	Jagdalpur (t)	PF	1736P	1617.912	0.5	0.081
73	3	Jagdalpur	Bastar	Titirgaon to balikonta	Jagdalpur (t)	PF	1713P	1989.974	0.5	0.099
							15	21686.659	0.5	1.084
74	69	Bakawand	Bastar	Chhindgaon to pharsara	Karpawand	RF	1203	15.575	0.5	0.001
75	70	Bakawand	Bastar	Chhindgaon to pharsara	Karpawand	RF	1204	45.116	0.5	0.002
76	41	Bakawand	Bastar	Satosh to pathri	Karpawand	RF	1169	113.669	0.5	0.006
77	45	Bakawand	Bastar	Pathri to karpawand	Karpawand	RF	1154	126.612	0.5	0.006
78	49	Bakawand	Bastar	Choknar to churgoan	Karpawand	PF	1221P	192.208	0.5	0.010
79	37	Bakawand	Bastar	Pathri to karpawand	Karpawand	RF	1171	232.976	0.5	0.012
80	50	Bakawand	Bastar	Pathri to karpawand	Karpawand	PF	1153P	604.905	0.5	0.030
81	46	Bakawand	Bastar	Pathri to karpawand	Karpawand	PF	1223P	774.454	0.5	0.039
82	38	Bakawand	Bastar	Satosh to pathri	Karpawand	PF	1183P	795.266	0.5	0.040
83	52	Bakawand	Bastar	Pharsara to churgoan	Karpawand	PF	1217P	836.055	0.5	0.042
84	39	Bakawand	Bastar	Pathri to karpawand	Karpawand	PF	1177P	931.822	0.5	0.047
85	36	Bakawand	Bastar	Satosh to pathri	Karpawand	RF	1174	972.072	0.5	0.049
86	35	Bakawand	Bastar	Satosh to pathri	Karpawand	RF	1173	1050.318	0.5	0.053
87	33	Bakawand	Bastar	Pathri to karpawand	Karpawand	PF	1178P	1193.047	0.5	0.060
88	42	Bakawand	Bastar	Chhindgaon to satosha	Karpawand	PF	1164P	1212.287	0.5	0.061
89	56	Bakawand	Bastar	Pharsara to churgoan	Karpawand	RF	1204	1281.392	0.5	0.064
90	32	Bakawand	Bastar	Satosh to pathri	Karpawand	PF	1185P	1534.750	0.5	0.077
91	44	Bakawand	Bastar	Pathri to karpawand	Karpawand	PF	1155	1580.172	0.5	0.079
92	43	Bakawand	Bastar	Pathri to karpawand	Karpawand	RF	1156	1600.399	0.5	0.080
93	34	Bakawand	Bastar	Pathri to karpawand	Karpawand	RF	1172	1631.395	0.5	0.082



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

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.)
94	54	Bakawand	Bastar	Pharsara to chiurgoan	Karpawand	RF	1203	2402.965	0.5	0.120
95	40	Bakawand	Bastar	Satoshia to pathri	Karpawand	RF	1168	2412.419	0.5	0.121
96	76	Bakawand	Bastar	Chiurgoan to ayatbelpatee	Karpawand	PF	1218P	381.318	0.5	0.019
97	73	Bakawand	Bastar	Chiurgoan to ayatbelpatee	Karpawand	PF	1217P	599.620	0.5	0.030
98	75	Bakawand	Bastar	Chiurgoan to ayatbelpatee	Karpawand	PF	1219P	685.270	0.5	0.034
						25	23206.082	0.5	1.160	
99	11	Jagdalpur	Bastar	Kohkapal to chitaloor	Machkote	PF	1802P	4.782	0.5	0.000
100	12	Jagdalpur	Bastar	Chitaloor to karanpur	Machkote	PF	1803P	46.273	0.5	0.002
101	14	Jagdalpur	Bastar	Garawand khurd to kalcha	Machkote	PF	1804P	178.294	0.5	0.009
102	13	Jagdalpur	Bastar	Chitaloor to karanpur	Machkote	PF	1805P	211.671	0.5	0.011
103	15	Jagdalpur	Bastar	Garawand khurd to kalcha	Machkote	PF	1807P	249.292	0.5	0.012
104	16	Jagdalpur	Bastar	Bamhani to chokawada	Machkote	PF	1809P	561.720	0.5	0.028
105	10	Jagdalpur	Bastar	Kohkapal to chitaloor	Machkote	PF	1801P	1791.124	0.5	0.090
106	20	Jagdalpur	Bastar	Aadawal to kurandi	Machkote	PF	1814P	862.089	0.5	0.043
107	19	Jagdalpur	Bastar	Aadawal to kurandi	Machkote	PF	1813P	1420.355	0.5	0.071
108	23	Jagdalpur	Bastar	Dhaniyalur to kurandi	Machkote	PF	1817P	1591.581	0.5	0.080
109	22	Jagdalpur	Bastar	Dhaniyalur to kurandi	Machkote	PF	1816P	2395.740	0.5	0.120
110	21	Jagdalpur	Bastar	Aadawal to kunhali	Machkote	PF	1815P	2864.589	0.5	0.143
111	6	Jagdalpur	Bastar	Niyanar to aadawal	Machkote	PF	1813P	1770.657	0.5	0.089
						13	13943.167	0.5	0.697	
						111	117440.182	0.5	5.872	
						Total-				Grand Total-

The logo of Tata Projects Limited, featuring a circular emblem with the company name "TATA PROJECTS LIMITED" around the top and bottom edges. Inside the circle is a stylized blue 'T' and 'A' forming a shape resembling a bridge or a building.

वरार लक्षण उत्तराधिकारी
०५१

विजय दत्त लालिकारी

प्राप्ति विद्युत उपकरण

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	176	Bastar	Jagdalpur	Ulanar To Halbakachora	Adawal	BJ	182	37.161	0.5	0.002
2	115	Bastar	Jagdalpur	Ulanar To Halbakachora	Adawal	BJ	183	47.021	0.5	0.002
3	175	Bastar	Jagdalpur	Ulanar To Halbakachora	Adawal	BJ	183	57.461	0.5	0.003
4	249	Bastar	Jagdalpur	Ulanar To Halbakachora	Adawal	BJ	183	63.551	0.5	0.003
5	114	Bastar	Jagdalpur	Ulanar To Halbakachora	Adawal	BJ	499	79.702	0.5	0.004
6	116	Bastar	Jagdalpur	Ulanar To Halbakachora	Adawal	BJ	501	304.644	0.5	0.015
7	250	Bastar	Jagdalpur	Ulanar To Halbakachora	Adawal	BJ	501	390.323	0.5	0.020
8	117	Bastar	Jagdalpur	Ulanar To Halbakachora	Adawal	BJ	590/1,2,3	503.878	0.5	0.025
9	251	Bastar	Jagdalpur	Ulanar To Halbakachora	Adawal	BJ	590/1,2,3	500.954	0.5	0.025
10	404	Bastar	Jagdalpur	Sadgud To Manjhiguda	Ainar	CJ	319	62.073	0.5	0.003
11	177	Bastar	Jagdalpur	Bamhani To Chokawada	Amagudha	CJ	345	68.863	0.5	0.003
12	178	Bastar	Jagdalpur	Bamhani To Chokawada	Amagudha	CJ	360	137.177	0.5	0.007
13	179	Bastar	Jagdalpur	Bamhani To Chokawada	Amagudha	CJ	390	56.238	0.5	0.003
14	180	Bastar	Jagdalpur	Bamhani To Chokawada	Amagudha	CJ	412	106.696	0.5	0.005
15	173	Bastar	Jagdalpur	Babusemhra To Garawand Kalan	Babusemra	CJ	132	52.264	0.5	0.003
16	181	Bastar	Jagdalpur	Babusemhra To Babusemhra	Babusemra	CJ	331	235.951	0.5	0.012
17	405	Bastar	Jagdalpur	Manjhiguda To Bademurma	Bademurma	CJ	355	150.673	0.5	0.008
18	182	Bastar	Jagdalpur	Karanpur To Chitaloor	Bhaluguda	BJ	36	115.730	0.5	0.006
19	183	Bastar	Jagdalpur	Karanpur To Chitaloor	Bhaluguda	CJ	75	85.085	0.5	0.004
20	233	Bastar	Jagdalpur	Bhejapadar To Nagarnar	Bhejapadar	CJ	328	152.411	0.5	0.008
21	231	Bastar	Jagdalpur	Bhejapadar To Nagarnar	Bhejapadar	CJ	446	164.995	0.5	0.008
22	232	Bastar	Jagdalpur	Bhejapadar To Nagarnar	Bhejapadar	CJ	447	123.199	0.5	0.006
23	234	Bastar	Jagdalpur	Bhejapadar To Nagarnar	Bhejapadar	CJ	486	12.466	0.5	0.001
24	229	Bastar	Jagdalpur	Bhejapadar To Nagarnar	Bhejapadar	CJ	525	57.319	0.5	0.003
25	230	Bastar	Jagdalpur	Bhejapadar To Nagarnar	Bhejapadar	CJ	542	77.541	0.5	0.004
26	118	Bastar	Jagdalpur	Ulanar To Halbakachora	Billori	CJ	82	135.668	0.5	0.007
27	119	Bastar	Jagdalpur	Ulanar To Halbakachora	Billori	CJ	97	94.704	0.5	0.005



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Sl No.	Patch	District	Block	Route Name	Village	Type	Khasra No.	Length (in m.)	Width (in m.)	Proposed Area (In Ha.)
28	120	Bastar	Jagdalpur	Ulanar To Halbakachora	Billori	CJ	239	161.042	0.5	0.008
29	121	Bastar	Jagdalpur	Ulanar To Halbakachora	Billori	CJ	265	52.416	0.5	0.003
30	122	Bastar	Jagdalpur	Ulanar To Halbakachora	Billori	CJ	309	87.642	0.5	0.004
31	123	Bastar	Jagdalpur	Ulanar To Halbakachora	Billori	CJ	369	54.201	0.5	0.003
32	124	Bastar	Jagdalpur	Ulanar To Halbakachora	Billori	CJ	697	268.563	0.5	0.013
33	125	Bastar	Jagdalpur	Ulanar To Halbakachora	Billori	CJ	738	103.678	0.5	0.005
34	126	Bastar	Jagdalpur	Ulanar To Halbakachora	Billori	BJ	741	21.909	0.5	0.001
35	127	Bastar	Jagdalpur	Ulanar To Halbakachora	Billori	CJ	772	101.258	0.5	0.005
36	128	Bastar	Jagdalpur	Ulanar To Halbakachora	Billori	CJ	777	45.602	0.5	0.002
37	129	Bastar	Jagdalpur	Ulanar To Halbakachora	Billori	CJ	875	152.767	0.5	0.008
38	130	Bastar	Jagdalpur	Ulanar To Halbakachora	Billori	CJ	1063	47.407	0.5	0.002
39	131	Bastar	Jagdalpur	Ulanar To Halbakachora	Billori	CJ	1093	51.298	0.5	0.003
40	132	Bastar	Jagdalpur	Ulanar To Halbakachora	Billori	CJ	1094	61.983	0.5	0.003
41	133	Bastar	Jagdalpur	Ulanar To Halbakachora	Billori	CJ	1095	166.267	0.5	0.008
42	134	Bastar	Jagdalpur	Ulanar To Halbakachora	Billori	CJ	1100	27.281	0.5	0.001
43	253	Bastar	Jagdalpur	Bademurma To Tondpal	Biranpal	BJ	441	218.861	0.5	0.011
44	252	Bastar	Jagdalpur	Bademurma To Tondpal	Biranpal	CJ	470	163.316	0.5	0.008
45	169	Bastar	Jagdalpur	Pandaripani To Biringpal	Biringpal	CJ	80	18.879	0.5	0.001
46	168	Bastar	Jagdalpur	Pandaripani To Biringpal	Biringpal	CJ	85	275.015	0.5	0.014
47	167	Bastar	Jagdalpur	Pandaripani To Biringpal	Biringpal	CJ	96	203.368	0.5	0.010
48	172	Bastar	Jagdalpur	Babusemhra To Babusemhra	Buruncwadasemra	CJ	87	61.204	0.5	0.003
49	170	Bastar	Jagdalpur	Babusemhra To Karanpur	Buruncwadasemra	CJ	272	35.868	0.5	0.002
50	171	Bastar	Jagdalpur	Babusemhra To Karanpur	Buruncwadasemra	CJ	286	105.082	0.5	0.005
51	254	Bastar	Jagdalpur	Netanar To Chhotekawali	Chachalgur	BJ	1	86.169	0.5	0.004
52	255	Bastar	Jagdalpur	Netanar To Chhotekawali	Chachalgur	BJ	9	240.012	0.5	0.012
53	256	Bastar	Jagdalpur	Netanar To Chhotekawali	Chachalgur	BJ	33	231.172	0.5	0.012
54	257	Bastar	Jagdalpur	Netanar To Chhotekawali	Chachalgur	BJ	61	98.725	0.5	0.005



Chhattisgarhi BharatNet Phase-II Project

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Sl No.	Patch	District	Block	Route Name	Village	Type	Khasra No.	Length (in m.)	Width (in m.)	Proposed Area (In Ha.)
55	186	Bastar	Jagdalpur	Chokawada To Bamhani	Chokawada	CJ	19	381.906	0.5	0.019
56	184	Bastar	Jagdalpur	Chokawada To Kasturi	Chokawada	CJ	235	222.084	0.5	0.011
57	185	Bastar	Jagdalpur	Chokawada To Bamhani	Chokawada	CJ	23/1	543.496	0.5	0.027
58	406	Bastar	Jagdalpur	Manjhiguda To Bademurma	Chotermurma	CJ	66	32.054	0.5	0.002
59	260	Bastar	Jagdalpur	Pushpal To Dhaniyalur	Dhaniyaloor	CJ	835	63.759	0.5	0.003
60	259	Bastar	Jagdalpur	Pushpal To Dhaniyalur	Dhaniyaloor	CJ	839	113.494	0.5	0.006
61	258	Bastar	Jagdalpur	Pushpal To Dhaniyalur	Dhaniyaloor	CJ	842	86.553	0.5	0.004
62	198	Bastar	Jagdalpur	Chokawada To Kasturi	Dhanpunji	CJ	444	38.286	0.5	0.002
63	189	Bastar	Jagdalpur	Chokawada To Kasturi	Dhanpunji	CJ	638	165.540	0.5	0.008
64	188	Bastar	Jagdalpur	Chokawada To Kasturi	Dhanpunji	CJ	658	49.241	0.5	0.002
65	193	Bastar	Jagdalpur	Chokawada To Kasturi	Dhanpunji	CJ	663	112.930	0.5	0.006
66	194	Bastar	Jagdalpur	Chokawada To Kasturi	Dhanpunji	CJ	664	128.810	0.5	0.006
67	195	Bastar	Jagdalpur	Chokawada To Kasturi	Dhanpunji	CJ	665	697.869	0.5	0.035
68	191	Bastar	Jagdalpur	Chokawada To Kasturi	Dhanpunji	CJ	674	265.947	0.5	0.013
69	192	Bastar	Jagdalpur	Chokawada To Kasturi	Dhanpunji	CJ	677	81.384	0.5	0.004
70	190	Bastar	Jagdalpur	Chokawada To Kasturi	Dhanpunji	CJ	678	91.697	0.5	0.005
71	197	Bastar	Jagdalpur	Chokawada To Kasturi	Dhanpunji	CJ	436/1	41.648	0.5	0.002
72	196	Bastar	Jagdalpur	Chokawada To Kasturi	Dhanpunji	CJ	445/1	153.594	0.5	0.008
73	204	Bastar	Jagdalpur	Babusemhra To Garawand Kalan	Dhurguda	BJJ	257	22.409	0.5	0.001
74	203	Bastar	Jagdalpur	Babusemhra To Garawand Kalan	Dhurguda	BJJ	258	43.274	0.5	0.002
75	199	Bastar	Jagdalpur	Babusemhra To Garawand Kalan	Dhurguda	BJJ	346	44.564	0.5	0.002
76	200	Bastar	Jagdalpur	Babusemhra To Garawand Kalan	Dhurguda	BJJ	580	89.652	0.5	0.004
77	202	Bastar	Jagdalpur	Babusemhra To Garawand Kalan	Dhurguda	BJJ	690	211.659	0.5	0.011
78	201	Bastar	Jagdalpur	Babusemhra To Garawand Kalan	Dhurguda	BJJ	700	146.303	0.5	0.007
79	136	Bastar	Jagdalpur	Ulanar To Parapa	Dogam	BJJ	28	138.196	0.5	0.007
80	135	Bastar	Jagdalpur	Ulanar To Parapa	Dogam	BJJ	30	74.875	0.5	0.004
81	137	Bastar	Jagdalpur	Ulanar To Parapa	Dogam	BJJ	48	50.099	0.5	0.003



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

Sl No.	Patch No.	District	Block	Route Name	Village	Type	Khasra No.	Length (in m.)	Width (in m.)	Proposed Area (In Ha.)
82	138	Bastar	Jagdalpur	Ghatpadamur To Titirgaon	Ghatpadamur	CJ	495	54.330	0.5	0.003
83	139	Bastar	Jagdalpur	Ghatpadamur To Titirgaon	Ghatpadamur	CJ	496	30.587	0.5	0.002
84	140	Bastar	Jagdalpur	Ghatpadamur To Titirgaon	Ghatpadamur	CJ	783	33.050	0.5	0.002
85	141	Bastar	Jagdalpur	Ghatpadamur To Titirgaon	Ghatpadamur	CJ	861	15.751	0.5	0.001
86	142	Bastar	Jagdalpur	Ghatpadamur To Titirgaon	Ghatpadamur	CJ	862	238.175	0.5	0.012
87	143	Bastar	Jagdalpur	Ghatpadamur To Titirgaon	Ghatpadamur	CJ	915	22.546	0.5	0.001
88	144	Bastar	Jagdalpur	Ghatpadamur To Titirgaon	Ghatpadamur	CJ	968/1	297.309	0.5	0.015
89	206	Bastar	Jagdalpur	Babusemhra To Babusemhra	Halbakachora	CJ	72	247.586	0.5	0.012
90	205	Bastar	Jagdalpur	Babusemhra To Babusemhra	Halbakachora	CJ	73	294.960	0.5	0.015
91	268	Bastar	Jagdalpur	Sidmur To Kaikagath Cherbahar	Hatpadamur	CJ	348	13.838	0.5	0.001
92	267	Bastar	Jagdalpur	Sidmur To Kaikagath Cherbahar	Hatpadamur	CJ	349	23.829	0.5	0.001
93	266	Bastar	Jagdalpur	Sidmur To Kaikagath Cherbahar	Hatpadamur	CJ	350	36.246	0.5	0.002
94	265	Bastar	Jagdalpur	Sidmur To Kaikagath Cherbahar	Hatpadamur	CJ	354	30.517	0.5	0.002
95	264	Bastar	Jagdalpur	Sidmur To Kaikagath Cherbahar	Hatpadamur	CJ	383	113.455	0.5	0.006
96	269	Bastar	Jagdalpur	Sidmur To Kaikagath Cherbahar	Hatpadamur	CJ	403	213.324	0.5	0.011
97	270	Bastar	Jagdalpur	Sidmur To Kaikagath Cherbahar	Hatpadamur	CJ	405	24.207	0.5	0.001
98	271	Bastar	Jagdalpur	Sidmur To Kaikagath Cherbahar	Hatpadamur	CJ	408	28.998	0.5	0.001
99	273	Bastar	Jagdalpur	Sidmur To Kaikagath Cherbahar	Hatpadamur	CJ	409	36.005	0.5	0.002
100	274	Bastar	Jagdalpur	Sidmur To Kaikagath Cherbahar	Hatpadamur	CJ	412	73.173	0.5	0.004
101	275	Bastar	Jagdalpur	Sidmur To Kaikagath Cherbahar	Hatpadamur	CJ	413	34.072	0.5	0.002
102	272	Bastar	Jagdalpur	Sidmur To Kaikagath Cherbahar	Hatpadamur	CJ	414	65.753	0.5	0.003
103	263	Bastar	Jagdalpur	Sidmur To Kaikagath Cherbahar	Hatpadamur	CJ	417	121.358	0.5	0.006
104	262	Bastar	Jagdalpur	Sidmur To Kaikagath Cherbahar	Hatpadamur	CJ	424	26.501	0.5	0.001
105	261	Bastar	Jagdalpur	Sidmur To Kaikagath Cherbahar	Hatpadamur	CJ	425	22.436	0.5	0.001
106	284	Bastar	Jagdalpur	Tondopal To Ulanar	Jamawada	CJ	364	337.475	0.5	0.017
107	283	Bastar	Jagdalpur	Tondopal To Ulanar	Jamawada	CJ	371	68.247	0.5	0.003
108	282	Bastar	Jagdalpur	Tondopal To Ulanar	Jamawada	CJ	373	15.081	0.5	0.001



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

Sl No.	Patch No.	District	Block	Route Name	Village	Type	Khasra No.	Length (in m.)	Width (in m.)	Proposed Area (In Ha.)
109	281	Bastar	Jagdalpur	Tondopal To Ulanar	Jamawada	CJ	458	49,435	0.5	0.002
110	276	Bastar	Jagdalpur	Tondopal To Ulanar	Jamawada	CJ	570	114,530	0.5	0.006
111	277	Bastar	Jagdalpur	Tondopal To Ulanar	Jamawada	BJ	571	308,552	0.5	0.015
112	278	Bastar	Jagdalpur	Tondopal To Ulanar	Jamawada	CJ	577	167,829	0.5	0.008
113	280	Bastar	Jagdalpur	Tondopal To Ulanar	Jamawada	CJ	596	183,559	0.5	0.009
114	279	Bastar	Jagdalpur	Tondopal To Ulanar	Jamawada	CJ	610	483,741	0.5	0.024
115	286	Bastar	Jagdalpur	Tondopal To Ulanar	Jamawada	CJ	820	475,906	0.5	0.024
116	285	Bastar	Jagdalpur	Tondopal To Ulanar	Jamawada	CJ	884	145,741	0.5	0.007
117	288	Bastar	Jagdalpur	Tondopal To Ulanar	Jamawada	CJ	911	123,733	0.5	0.006
118	290	Bastar	Jagdalpur	Tondopal To Ulanar	Jamawada	CJ	928	26,515	0.5	0.001
119	291	Bastar	Jagdalpur	Tondopal To Ulanar	Jamawada	CJ	928	45,678	0.5	0.002
120	289	Bastar	Jagdalpur	Tondopal To Ulanar	Jamawada	CJ	932	29,604	0.5	0.001
121	287	Bastar	Jagdalpur	Tondopal To Ulanar	Jamawada	CJ	943	186,669	0.5	0.009
122	293	Bastar	Jagdalpur	Ulanar To Niyantar	Jatam	CJ	115	67,481	0.5	0.003
123	145	Bastar	Jagdalpur	Ulanar To Niyantar	Jatam	CJ	167	38,903	0.5	0.002
124	294	Bastar	Jagdalpur	Ulanar To Niyantar	Jatam	CJ	326/1	142,243	0.5	0.007
125	207	Bastar	Jagdalpur	Kumhali To Bamhani	Jeeraoan	CJ	115	165,773	0.5	0.008
126	295	Bastar	Jagdalpur	Sidmur To Kaikaghar Cherbahar	Kaikaghar	BJ	2	128,440	0.5	0.006
127	299	Bastar	Jagdalpur	Sidmur To Kaikaghar Cherbahar	Cherbanar	CJ	13	96,212	0.5	0.005
128	300	Bastar	Jagdalpur	Sidmur To Kaikaghar Cherbahar	Kaikaghar	CJ	15	73,294	0.5	0.004
129	302	Bastar	Jagdalpur	Kaikaghar Cherbahar To Hatpadmur	Kaikaghar	CJ	546	134,016	0.5	0.007
130	301	Bastar	Jagdalpur	Kaikaghar Cherbahar To Hatpadmur	Kaikaghar	CJ	564	588,088	0.5	0.029
131	304	Bastar	Jagdalpur	Bademurma To Tondpal	Kakrwada	CJ	265	93,343	0.5	0.005
132	305	Bastar	Jagdalpur	Bademurma To Tondpal	Kakrwada	CJ	266	144,255	0.5	0.007



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Sl No.	Patch No.	District	Block	Route Name	Village	Type	Khasra No.	Length (in m.)	Width (in m.)	Proposed Area (In Ha.)
133	306	Bastar	Jagdalpur	Bademurma To Tondpal	Kakrwada	CJ	272	196.531	0.5	0.010
134	307	Bastar	Jagdalpur	Bademurma To Tondpal	Kakrwada	CJ	273	90.170	0.5	0.005
135	308	Bastar	Jagdalpur	Bademurma To Tondpal	Kakrwada	CJ	328	70.820	0.5	0.004
136	303	Bastar	Jagdalpur	Bademurma To Tondpal	Kakrwada	CJ	361	86.377	0.5	0.004
137	309	Bastar	Jagdalpur	Bademurma To Tondpal	Kakrwada	CJ	464	80.037	0.5	0.004
138	310	Bastar	Jagdalpur	Bademurma To Tondpal	Kakrwada	CJ	465	134.988	0.5	0.007
139	208	Bastar	Jagdalpur	Garawand Kalan To Kalcha	Kalcha	CJ	36	87.587	0.5	0.004
140	213	Bastar	Jagdalpur	Garawand Kalan To Kalcha	Kalcha	CJ	83	46.344	0.5	0.002
141	212	Bastar	Jagdalpur	Garawand Kalan To Kalcha	Kalcha	CJ	108	29.050	0.5	0.001
142	211	Bastar	Jagdalpur	Garawand Kalan To Kalcha	Kalcha	CJ	110	78.229	0.5	0.004
143	210	Bastar	Jagdalpur	Garawand Kalan To Kalcha	Kalcha	CJ	133	75.181	0.5	0.004
144	209	Bastar	Jagdalpur	Garawand Kalan To Kalcha	Kalcha	CJ	186	106.865	0.5	0.005
145	217	Bastar	Jagdalpur	Garawand Khurd To Chitaloor	Kalcha	CJ	1096	142.843	0.5	0.007
146	216	Bastar	Jagdalpur	Garawand Khurd To Chitaloor	Kalcha	CJ	1097	67.849	0.5	0.003
147	215	Bastar	Jagdalpur	Garawand Khurd To Chitaloor	Kalcha	CJ	1142	60.748	0.5	0.003
148	214	Bastar	Jagdalpur	Garawand Khurd To Chitaloor	Kalcha	CJ	1164/1	237.934	0.5	0.012
149	313	Bastar	Jagdalpur	Netanar To Chhotekawali	Kawalkala	BJ	40	28.733	0.5	0.001
150	315	Bastar	Jagdalpur	Netanar To Chhotekawali	Kawalkala	BJ	153	60.623	0.5	0.003
151	325	Bastar	Jagdalpur	Netanar To Chhotekawali	Kawalkala	BJ	155	10.541	0.5	0.001
152	314	Bastar	Jagdalpur	Netanar To Chhotekawali	Kawalkala	BJ	161	117.957	0.5	0.006
153	316	Bastar	Jagdalpur	Netanar To Kawalkala	Kawalkala	BJ	170	21.049	0.5	0.001
154	324	Bastar	Jagdalpur	Netanar To Kawalkala	Kawalkala	BJ	174	103.232	0.5	0.005
155	326	Bastar	Jagdalpur	Netanar To Kawalkala	Kawalkala	CJ	324	231.611	0.5	0.012
156	312	Bastar	Jagdalpur	Netanar To Chhotekawali	Kawalkala	BJ	399	178.071	0.5	0.009
157	323	Bastar	Jagdalpur	Netanar To Chhotekawali	Kawalkala	BJ	442	145.351	0.5	0.007
158	311	Bastar	Jagdalpur	Netanar To Chhotekawali	Kawalkala	BJ	449	14.936	0.5	0.001
159	322	Bastar	Jagdalpur	Netanar To Chhotekawali	Kawalkala	CJ	482	327.040	0.5	0.016



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Sl No.	Patch No.	District	Block	Route Name	Village	Type	Khasra No.	Length (in m.)	Width (in m.)	Proposed Area (In Ha.)
160	318	Bastar	Jagdalpur	Netanar To Chhotekawali	Kawalkala	BJ	490	16,296	0.5	0.001
161	319	Bastar	Jagdalpur	Netanar To Chhotekawali	Kawalkala	BJ	492	59,923	0.5	0.003
162	320	Bastar	Jagdalpur	Netanar To Chhotekawali	Kawalkala	BJ	493	56,721	0.5	0.003
163	321	Bastar	Jagdalpur	Netanar To Chhotekawali	Kawalkala	BJ	495	67,519	0.5	0.003
164	317	Bastar	Jagdalpur	Netanar To Chhotekawali	Kawalkala	BJ	519	38,422	0.5	0.002
165	227	Bastar	Jagdalpur	Khamhargao To Markel	Khamhargao	CJ	314	29,319	0.5	0.001
166	393	Bastar	Jagdalpur	Netanar To Bademurma	Kolawai	CJ	114	200,126	0.5	0.010
167	146	Bastar	Jagdalpur	Balikonta To Titirgaon	Kondaloor	CJ	164	25,778	0.5	0.001
168	147	Bastar	Jagdalpur	Balikonta To Titirgaon	Kondaloor	CJ	174	83,088	0.5	0.004
169	148	Bastar	Jagdalpur	Balikonta To Titirgaon	Kondaloor	CJ	176	68,472	0.5	0.003
170	149	Bastar	Jagdalpur	Balikonta To Titirgaon	Kondaloor	CJ	185	176,278	0.5	0.009
171	150	Bastar	Jagdalpur	Balikonta To Titirgaon	Kondaloor	CJ	196	21,955	0.5	0.001
172	228	Bastar	Jagdalpur	Khamhargao To Markel	Kondaloor	CJ	315	54,631	0.5	0.003
173	151	Bastar	Jagdalpur	Balikonta To Titirgaon	Kondaloor	CJ	393	16,310	0.5	0.001
174	152	Bastar	Jagdalpur	Balikonta To Titirgaon	Kondaloor	CJ	394	32,734	0.5	0.002
175	239	Bastar	Jagdalpur	Madpal To Garawand Khurd	Madpal	CJ	598	41,731	0.5	0.002
176	240	Bastar	Jagdalpur	Madpal To Garawand Khurd	Madpal	CJ	599	34,964	0.5	0.002
177	238	Bastar	Jagdalpur	Madpal To Garawand Khurd	Madpal	CJ	656	42,614	0.5	0.002
178	237	Bastar	Jagdalpur	Madpal To Garawand Khurd	Madpal	CJ	657	256,383	0.5	0.013
179	235	Bastar	Jagdalpur	Madpal To Garawand Khurd	Madpal	CJ	659	81,905	0.5	0.004
180	241	Bastar	Jagdalpur	Madpal To Garawand Khurd	Madpal	CJ	663	38,390	0.5	0.002
181	243	Bastar	Jagdalpur	Madpal To Garawand Khurd	Madpal	CJ	665	9,468	0.5	0.000
182	244	Bastar	Jagdalpur	Madpal To Garawand Khurd	Madpal	CJ	667	26,115	0.5	0.001
183	246	Bastar	Jagdalpur	Madpal To Garawand Khurd	Madpal	CJ	669	38,108	0.5	0.002
184	236	Bastar	Jagdalpur	Madpal To Garawand Khurd	Madpal	CJ	702	53,879	0.5	0.003
185	408	Bastar	Jagdalpur	Manjhiguda To Bademurma	Manjhiguda	CJ	132	77,799	0.5	0.004
186	407	Bastar	Jagdalpur	Manjhiguda To Bademurma	Manjhiguda	CJ	332	64,257	0.5	0.003





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Sl No.	Patch No.	District	Block	Route Name	Village	Type	Khasra No.	Length (in m.)	Width (in m.)	Proposed Area (In Ha.)
187	328	Bastar	Jagdalpur	Sidmur To Nangur	Nangur	CJ	458	41,893	0.5	0.002
188	329	Bastar	Jagdalpur	Sidmur To Nangur	Nangur	CJ	459	30,896	0.5	0.002
189	330	Bastar	Jagdalpur	Sidmur To Nangur	Nangur	CJ	461	33,271	0.5	0.002
190	327	Bastar	Jagdalpur	Sidmur To Nangur	Nangur	CJ	469	18,710	0.5	0.001
191	331	Bastar	Jagdalpur	Sidmur To Nangur	Nangur	CJ	482	126,192	0.5	0.006
192	332	Bastar	Jagdalpur	Sidmur To Nangur	Nangur	CJ	576	82,018	0.5	0.004
193	218	Bastar	Jagdalpur	Garawand Khurd To Chitaloor	Negigudha	CJ	59	101,963	0.5	0.005
194	219	Bastar	Jagdalpur	Garawand Khurd To Chitaloor	Negigudha	CJ	63	11,026	0.5	0.001
195	334	Bastar	Jagdalpur	Netanar To Bademurma	Netanar	CJ	8	162,861	0.5	0.008
196	395	Bastar	Jagdalpur	Netanar To Bademurma	Netanar	CJ	8	93,257	0.5	0.005
197	333	Bastar	Jagdalpur	Netanar To Bademurma	Netanar	CJ	11	192,277	0.5	0.010
198	394	Bastar	Jagdalpur	Netanar To Bademurma	Netanar	CJ	11	716,238	0.5	0.036
199	397	Bastar	Jagdalpur	Netanar To Bademurma	Netanar	CJ	93	13,370	0.5	0.001
200	335	Bastar	Jagdalpur	Netanar To Bademurma	Netanar	CJ	95	216,188	0.5	0.011
201	396	Bastar	Jagdalpur	Netanar To Bademurma	Netanar	CJ	95	183,504	0.5	0.009
202	336	Bastar	Jagdalpur	Netanar To Bademurma	Netanar	CJ	109	171,398	0.5	0.009
203	398	Bastar	Jagdalpur	Netanar To Bademurma	Netanar	CJ	109	172,104	0.5	0.009
204	337	Bastar	Jagdalpur	Netanar To Bademurma	Netanar	CJ	111	229,125	0.5	0.011
205	399	Bastar	Jagdalpur	Netanar To Bademurma	Netanar	CJ	111	290,886	0.5	0.015
206	339	Bastar	Jagdalpur	Netanar To Bademurma	Netanar	CJ	167	60,979	0.5	0.003
207	401	Bastar	Jagdalpur	Netanar To Bademurma	Netanar	CJ	167	76,937	0.5	0.004
208	338	Bastar	Jagdalpur	Netanar To Bademurma	Netanar	CJ	168	61,156	0.5	0.003
209	400	Bastar	Jagdalpur	Netanar To Bademurma	Netanar	CJ	168	61,155	0.5	0.003
210	344	Bastar	Jagdalpur	Netanar To Chhotekawali	Netanar	CJ	178	61,390	0.5	0.003
211	347	Bastar	Jagdalpur	Netanar To Chhotekawali	Netanar	CJ	212	71,624	0.5	0.004
212	346	Bastar	Jagdalpur	Netanar To Chhotekawali	Netanar	CJ	219	12,140	0.5	0.001
213	348	Bastar	Jagdalpur	Netanar To Chhotekawali	Netanar	CJ	225	152,063	0.5	0.008

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Sl No.	Patch	District	Block	Route Name	Village	Type	Khasra No.	Length (in m.)	Width (in m.)	Proposed Area (In Ha.)
214	350	Bastar	Jagdalpur	Netanar To Chhotekawali	Netanar	CJ	241	56.196	0.5	0.003
215	349	Bastar	Jagdalpur	Netanar To Chhotekawali	Netanar	BJ	243	362.704	0.5	0.018
216	351	Bastar	Jagdalpur	Netanar To Chhotekawali	Netanar	CJ	338	63.690	0.5	0.003
217	343	Bastar	Jagdalpur	Netanar To Chhotekawali	Netanar	CJ	340	246.386	0.5	0.012
218	345	Bastar	Jagdalpur	Netanar To Chhotekawali	Netanar	CJ	343	50.701	0.5	0.003
219	340	Bastar	Jagdalpur	Netanar To Bademurma	Netanar	CJ	348	176.157	0.5	0.009
220	342	Bastar	Jagdalpur	Netanar To Kawalkila	Netanar	CJ	353	24.724	0.5	0.001
221	341	Bastar	Jagdalpur	Netanar To Bademurma	Netanar	CJ	354	59.001	0.5	0.003
222	403	Bastar	Jagdalpur	Netanar To Bademurma	Netanar	CJ	354	41.981	0.5	0.002
223	352	Bastar	Jagdalpur	Ulanar To Niyunar	Niyunar	CJ	48	26.050	0.5	0.001
224	353	Bastar	Jagdalpur	Ulanar To Niyunar	Niyunar	CJ	54	26.111	0.5	0.001
225	354	Bastar	Jagdalpur	Ulanar To Niyunar	Niyunar	CJ	99	67.143	0.5	0.003
226	355	Bastar	Jagdalpur	Ulanar To Niyunar	Niyunar	CJ	100	54.373	0.5	0.003
227	359	Bastar	Jagdalpur	Ulanar To Niyunar	Niyunar	CJ	393	41.990	0.5	0.002
228	358	Bastar	Jagdalpur	Ulanar To Niyunar	Niyunar	CJ	394	88.592	0.5	0.004
229	356	Bastar	Jagdalpur	Ulanar To Niyunar	Niyunar	CJ	437	88.748	0.5	0.004
230	357	Bastar	Jagdalpur	Ulanar To Niyunar	Niyunar	CJ	440	61.626	0.5	0.003
231	363	Bastar	Jagdalpur	Ulanar To Niyunar	Niyunar	CJ	628	89.525	0.5	0.004
232	362	Bastar	Jagdalpur	Ulanar To Niyunar	Niyunar	CJ	632	131.397	0.5	0.007
233	360	Bastar	Jagdalpur	Ulanar To Niyunar	Niyunar	CJ	765	22.532	0.5	0.001
234	361	Bastar	Jagdalpur	Ulanar To Niyunar	Niyunar	CJ	766	165.284	0.5	0.008
235	364	Bastar	Jagdalpur	Ulanar To Niyunar	Niyunar	CJ	843	77.174	0.5	0.004
236	365	Bastar	Jagdalpur	Ulanar To Niyunar	Niyunar	CJ	845	136.538	0.5	0.007
237	156	Bastar	Jagdalpur	Pandaripani To Biringpal	Pandripani	BJ	337	94.161	0.5	0.005
238	112	Bastar	Jagdalpur	Pandaripani To Biringpal	Pandripani	CJ	380	215.243	0.5	0.011
239	155	Bastar	Jagdalpur	Pandaripani To Biringpal	Pandripani	CJ	380	231.398	0.5	0.012
240	154	Bastar	Jagdalpur	Pandaripani To Biringpal	Pandripani	CJ	384	310.217	0.5	0.016



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

SI No.	Patch	District	Block	Route Name	Village	Type	Khasra No.	Length (in m.)	Width (in m.)	Proposed Area (In Ha.)
241	158	Bastar	Jagdalpur	Parapa To Pandaripani	Parpa	CJ	283	59,589	0.5	0.003
242	157	Bastar	Jagdalpur	Parapa To Pandaripani	Parpa	CJ	325	81,133	0.5	0.004
243	159	Bastar	Jagdalpur	Ulanar To Niyunar	Parpa	CJ	484	36,489	0.5	0.002
244	366	Bastar	Jagdalpur	Pushpal To Dhaniyalur	Pushpal	CJ	50	45,395	0.5	0.002
245	367	Bastar	Jagdalpur	Pushpal To Dhaniyalur	Pushpal	CJ	632	100,161	0.5	0.005
246	368	Bastar	Jagdalpur	Pushpal To Dhaniyalur	Pushpal	CJ	641	39,856	0.5	0.002
247	410	Bastar	Jagdalpur	Sadgud To Manjhiguda	Sadgud	BJ	748	356,131	0.5	0.018
248	409	Bastar	Jagdalpur	Sadgud To Manjhiguda	Sadgud	CJ	749	122,788	0.5	0.006
249	382	Bastar	Jagdalpur	Sidmur To Kaikagarh Cherbahar	Sargipal	CJ	275	145,019	0.5	0.007
250	381	Bastar	Jagdalpur	Sidmur To Kaikagarh Cherbahar	Sargipal	CJ	280	67,083	0.5	0.003
251	380	Bastar	Jagdalpur	Sidmur To Nangur	Sargipal	CJ	369	27,567	0.5	0.001
252	379	Bastar	Jagdalpur	Sidmur To Nangur	Sargipal	CJ	406	40,348	0.5	0.002
253	377	Bastar	Jagdalpur	Sidmur To Nangur	Sargipal	CJ	409	55,447	0.5	0.003
254	378	Bastar	Jagdalpur	Sidmur To Nangur	Sargipal	CJ	410	67,385	0.5	0.003
255	376	Bastar	Jagdalpur	Sidmur To Nangur	Sargipal	CJ	448	9,061	0.5	0.000
256	375	Bastar	Jagdalpur	Sidmur To Nangur	Sargipal	CJ	456	16,636	0.5	0.001
257	369	Bastar	Jagdalpur	Sidmur To Nangur	Sargipal	CJ	460	104,502	0.5	0.005
258	370	Bastar	Jagdalpur	Sidmur To Nangur	Sargipal	CJ	622	130,047	0.5	0.007
259	372	Bastar	Jagdalpur	Sidmur To Nangur	Sargipal	CJ	624	66,484	0.5	0.003
260	373	Bastar	Jagdalpur	Sidmur To Nangur	Sargipal	CJ	626	66,568	0.5	0.003
261	371	Bastar	Jagdalpur	Sidmur To Nangur	Sargipal	CJ	629	61,338	0.5	0.003
262	374	Bastar	Jagdalpur	Sidmur To Nangur	Sargipal	CJ	630	54,980	0.5	0.003
263	248	Bastar	Jagdalpur	Ulanar To Niyunar	Sargipal	CJ	141/1	401,112	0.5	0.020
264	383	Bastar	Jagdalpur	Tondopal To Ulanar	Tondopal	BJ	16	186,578	0.5	0.009
265	384	Bastar	Jagdalpur	Tondopal To Ulanar	Tondopal	BJ	33	97,911	0.5	0.005
266	385	Bastar	Jagdalpur	Tondopal To Ulanar	Tondopal	BJ	105	46,061	0.5	0.002
267	386	Bastar	Jagdalpur	Tondopal To Ulanar	Tondopal	CJ	122	36,223	0.5	0.002



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Sl No.	Patch No.	District	Block	Route Name	Village	Type	Khasra No.	Length (in m.)	Width (in m.)	Proposed Area (In Ha.)
268	387	Bastar	Jagdalpur	Tondopal. To Jamawada	Tondopal	CJ	156	44.660	0.5	0.002
269	388	Bastar	Jagdalpur	Tondopal. To Jamawada	Tondopal	CJ	171	40.982	0.5	0.002
270	389	Bastar	Jagdalpur	Tondopal. To Jamawada	Tondopal	CJ	190	57.150	0.5	0.003
271	223	Bastar	Jagdalpur	Garawand Kalan To Kalcha	Turenar	CJ	508	25.304	0.5	0.001
272	226	Bastar	Jagdalpur	Garawand Kalan To Kalcha	Turenar	CJ	552	26.472	0.5	0.001
273	224	Bastar	Jagdalpur	Garawand Kalan To Kalcha	Turenar	CJ	625	46.834	0.5	0.002
274	225	Bastar	Jagdalpur	Garawand Kalan To Kalcha	Turenar	CJ	627	26.863	0.5	0.001
275	222	Bastar	Jagdalpur	Garawand Kalan To Kalcha	Turenar	CJ	697	166.649	0.5	0.008
276	220	Bastar	Jagdalpur	Garawand Kalan To Kalcha	Turenar	CJ	723	286.180	0.5	0.014
277	221	Bastar	Jagdalpur	Garawand Kalan To Kalcha	Turenar	CJ	696/1	128.446	0.5	0.006
278	160	Bastar	Jagdalpur	Ulanar To Parapa	Tusel	BJJ	12	58.876	0.5	0.003
279	161	Bastar	Jagdalpur	Ulanar To Parapa	Tusel	BJJ	15	69.354	0.5	0.003
280	162	Bastar	Jagdalpur	Ulanar To Parapa	Tusel	BJJ	23	76.008	0.5	0.003
281	163	Bastar	Jagdalpur	Ulanar To Parapa	Tusel	BJJ	33	51.776	0.5	0.003
282	165	Bastar	Jagdalpur	Ulanar To Parapa	Tusel	CJ	209	10.352	0.5	0.001
283	113	Bastar	Jagdalpur	Ulanar To Parapa	Tusel	BJJ	210	291.133	0.5	0.015
284	164	Bastar	Jagdalpur	Ulanar To Parapa	Tusel	BJJ	210	151.505	0.5	0.008
285	166	Bastar	Jagdalpur	Ulanar To Parapa	Tusel	CJ	253	112.670	0.5	0.006
286	390	Bastar	Jagdalpur	Ulanar To Jamawada	Ulnar	CJ	187	182.340	0.5	0.009
287	391	Bastar	Jagdalpur	Ulanar To Jamawada	Ulnar	CJ	192	87.156	0.5	0.004
288	392	Bastar	Jagdalpur	Ulanar To Jamawada	Ulnar	CJ	194	25.370	0.5	0.001
Total-										1.656
289	479	Bastar	Bakawand	Badeveda To Soutpur	Badeveda	CJ	717	252.611	0.5	0.013
290	480	Bastar	Bakawand	Badeveda To Soutpur	Badeveda	CJ	722	65.521	0.5	0.003
291	481	Bastar	Bakawand	Badeveda To Soutpur	Badeveda	CJ	727	42.516	0.5	0.002
292	482	Bastar	Bakawand	Badeveda To Soutpur	Badeveda	CJ	750	101.750	0.5	0.005
293	411	Bastar	Bakawand	Pahurbel To Udiyapal	Badlawand	CJ	266	124.854	0.5	0.006



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.)
294	412	Bastar	Bakawand	Pahurbel To Udiyapal	Badlawand	CJ	267	458.430	0.5	0.023
295	413	Bastar	Bakawand	Pahurbel To Udiyapal	Badlawand	CJ	324	93.453	0.5	0.005
296	513	Bastar	Bakawand	Pahurbel To Udiyapal	Badlawand	CJ	324	94.251	0.5	0.005
297	414	Bastar	Bakawand	Pahurbel To Udiyapal	Badlawand	CJ	326	174.930	0.5	0.009
298	514	Bastar	Bakawand	Pahurbel To Udiyapal	Badlawand	CJ	326	285.470	0.5	0.014
299	515	Bastar	Bakawand	Pahurbel To Udiyapal	Badlawand	CJ	354	107.886	0.5	0.005
300	516	Bastar	Bakawand	Pahurbel To Udiyapal	Badlawand	BJ	355	308.815	0.5	0.015
301	415	Bastar	Bakawand	Pahurbel To Udiyapal	Badlawand	CJ	414	199.921	0.5	0.010
302	517	Bastar	Bakawand	Pahurbel To Udiyapal	Badlawand	CJ	414	203.267	0.5	0.010
303	416	Bastar	Bakawand	Pahurbel To Udiyapal	Badlawand	CJ	416	104.046	0.5	0.005
304	518	Bastar	Bakawand	Pahurbel To Udiyapal	Badlawand	CJ	416	100.617	0.5	0.005
305	417	Bastar	Bakawand	Pahurbel To Udiyapal	Badlawand	CJ	417	30.075	0.5	0.002
306	519	Bastar	Bakawand	Pahurbel To Udiyapal	Badlawand	CJ	417	29.482	0.5	0.001
307	418	Bastar	Bakawand	Pahurbel To Udiyapal	Badlawand	CJ	428	30.757	0.5	0.002
308	520	Bastar	Bakawand	Pahurbel To Udiyapal	Badlawand	CJ	428	28.445	0.5	0.001
309	419	Bastar	Bakawand	Pahurbel To Udiyapal	Badlawand	CJ	500	70.656	0.5	0.004
310	521	Bastar	Bakawand	Pahurbel To Udiyapal	Badlawand	CJ	500	74.465	0.5	0.004
311	522	Bastar	Bakawand	Nalpawand To Bajawand	Bajawand	CJ	26	62.950	0.5	0.003
312	421	Bastar	Bakawand	Pharsara To Chhindgaon	Chhindgaon	CJ	238	22.849	0.5	0.001
313	422	Bastar	Bakawand	Pharsara To Chhindgaon	Chhindgaon	CJ	239	39.604	0.5	0.002
314	423	Bastar	Bakawand	Pharsara To Chhindgaon	Chhindgaon	CJ	240	41.926	0.5	0.002
315	424	Bastar	Bakawand	Pharsara To Chhindgaon	Chhindgaon	CJ	241	47.460	0.5	0.002
316	425	Bastar	Bakawand	Pharsara To Chhindgaon	Chhindgaon	CJ	617	125.957	0.5	0.006
317	426	Bastar	Bakawand	Pharsara To Chhindgaon	Chhindgaon	BJ	829	424.401	0.5	0.021
318	427	Bastar	Bakawand	Pharsara To Chhindgaon	Chhindgaon	CJ	831	97.384	0.5	0.005
319	428	Bastar	Bakawand	Pharsara To Chhindgaon	Chhindgaon	CJ	1485	31.613	0.5	0.002
320	429	Bastar	Bakawand	Pharsara To Chhindgaon	Chhindgaon	BJ	1494	56.942	0.5	0.003



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.)
321	430	Bastar	Bakawand	Pharsara To Chhindgaon	Chhindgaon	CJ	1499	151.312	0.5	0.008
322	431	Bastar	Bakawand	Pharsara To Chhindgaon	Chhindgaon	BJ	1501	45.302	0.5	0.002
323	432	Bastar	Bakawand	Suwachond To Karpawand	Chiurgaon	CJ	954	67.999	0.5	0.003
324	484	Bastar	Bakawand	Suwachond To Karpawand	Chiurgaon	CJ	954	69.198	0.5	0.003
325	433	Bastar	Bakawand	Chiurgoan To Chhindgaon	Choknar	BJ	123	28.881	0.5	0.001
326	434	Bastar	Bakawand	Chiurgoan To Chhindgaon	Choknar	BJ	124	55.951	0.5	0.003
327	435	Bastar	Bakawand	Chiurgoan To Chhindgaon	Choknar	CJ	222	183.463	0.5	0.009
328	436	Bastar	Bakawand	Chiurgoan To Chhindgaon	Choknar	CJ	223	56.483	0.5	0.003
329	437	Bastar	Bakawand	Chiurgoan To Chhindgaon	Choknar	CJ	243	94.845	0.5	0.005
330	438	Bastar	Bakawand	Chiurgoan To Chhindgaon	Choknar	BJ	414	307.870	0.5	0.015
331	439	Bastar	Bakawand	Chiurgoan To Chhindgaon	Choknar	BJ	441	445.869	0.5	0.022
332	485	Bastar	Bakawand	Cholnar To Pandanar	Cholnar	CJ	223	94.714	0.5	0.005
333	486	Bastar	Bakawand	Cholnar To Pandanar	Cholnar	CJ	234	39.635	0.5	0.002
334	506	Bastar	Bakawand	Cholnar To Pandanar	Cholnar	CJ	417	70.420	0.5	0.004
335	483	Bastar	Bakawand	Pharsara To Tongkongera	Farasara	CJ	211	86.155	0.5	0.004
336	440	Bastar	Bakawand	Jaitgiri To Badlawand	Girola	CJ	3	41.660	0.5	0.002
337	441	Bastar	Bakawand	Jaitgiri To Badlawand	Girola	CJ	135	86.790	0.5	0.004
338	524	Bastar	Bakawand	Gumdel To Kohkapal	Gumdel	CJ	74	111.970	0.5	0.006
339	525	Bastar	Bakawand	Gumdel To Kohkapal	Gumdel	CJ	75	64.404	0.5	0.003
340	526	Bastar	Bakawand	Gumdel To Kohkapal	Gumdel	CJ	185	95.570	0.5	0.005
341	442	Bastar	Bakawand	Jaibel To Satosha	Jaibel	BJ	85	38.259	0.5	0.002
342	443	Bastar	Bakawand	Jaibel To Satosha	Jaibel	BJ	172	52.260	0.5	0.003
343	444	Bastar	Bakawand	Jaibel To Satosha	Jaibel	BJ	175	78.726	0.5	0.004
344	445	Bastar	Bakawand	Jaibel To Satosha	Jaibel	BJ	177	33.227	0.5	0.002
345	446	Bastar	Bakawand	Jaibel To Satosha	Jaibel	BJ	178	38.735	0.5	0.002
346	447	Bastar	Bakawand	Jaibel To Satosha	Jaibel	BJ	179	50.858	0.5	0.003
347	448	Bastar	Bakawand	Jaibel To Satosha	Jaibel	BJ	180	172.531	0.5	0.009



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

SI No.	Patch	District	Block	Route Name	Village	Type	Khasra No.	Length (in m.)	Width (in m.)	Proposed Area (In Ha.)
348	449	Bastar	Bakawand	Jaibel To Satosha	Jaibel	BJJ	217	144.479	0.5	0.007
349	450	Bastar	Bakawand	Jaibel To Satosha	Jaibel	BJJ	218	90.460	0.5	0.005
350	451	Bastar	Bakawand	Jaibel To Satosha	Jaibel	CJ	890	179.375	0.5	0.009
351	453	Bastar	Bakawand	Badlawand To Soutpur	Jaitgiri	CJ	49	34.879	0.5	0.002
352	454	Bastar	Bakawand	Badlawand To Soutpur	Jaitgiri	CJ	69	42.078	0.5	0.002
353	455	Bastar	Bakawand	Badlawand To Soutpur	Jaitgiri	CJ	205	23.352	0.5	0.001
354	456	Bastar	Bakawand	Badlawand To Soutpur	Jaitgiri	CJ	206	47.229	0.5	0.002
355	457	Bastar	Bakawand	Badlawand To Soutpur	Jaitgiri	CJ	208	23.997	0.5	0.001
356	458	Bastar	Bakawand	Badlawand To Soutpur	Jaitgiri	CJ	666	310.466	0.5	0.016
357	452	Bastar	Bakawand	Badlawand To Soutpur	Jaitgiri	CJ	795	258.050	0.5	0.013
358	459	Bastar	Bakawand	Karpawand To Mangnar	Karpawand	CJ	687	68.183	0.5	0.003
359	487	Bastar	Bakawand	Karpawand To Mangnar	Karpawand	CJ	893	21.239	0.5	0.001
360	488	Bastar	Bakawand	Karpawand To Mangnar	Karpawand	BJJ	941	29.304	0.5	0.001
361	489	Bastar	Bakawand	Karpawand To Mangnar	Karpawand	BJJ	950	40.642	0.5	0.002
362	490	Bastar	Bakawand	Karpawand To Mangnar	Karpawand	BJJ	951	41.446	0.5	0.002
363	491	Bastar	Bakawand	Karpawand To Mangnar	Karpawand	BJJ	955	38.325	0.5	0.002
364	492	Bastar	Bakawand	Karpawand To Mangnar	Karpawand	CJ	994	114.204	0.5	0.006
365	493	Bastar	Bakawand	Karpawand To Mangnar	Karpawand	BJJ	1168	214.297	0.5	0.011
366	494	Bastar	Bakawand	Karpawand To Mangnar	Karpawand	BJJ	1180	85.923	0.5	0.004
367	495	Bastar	Bakawand	Karpawand To Mangnar	Karpawand	BJJ	1181	42.565	0.5	0.002
368	496	Bastar	Bakawand	Kinjoli To Kumrawand	Kinjoli	CJ	147	332.235	0.5	0.017
369	497	Bastar	Bakawand	Kinjoli To Kumrawand	Kinjoli	CJ	939	224.399	0.5	0.011
370	509	Bastar	Bakawand	Kohkapal To Gumdel	Kohkapal	CJ	422	105.877	0.5	0.005
371	510	Bastar	Bakawand	Kohkapal To Gumdel	Kohkapal	CJ	451	62.905	0.5	0.003
372	511	Bastar	Bakawand	Kohkapal To Gumdel	Kohkapal	CJ	489	54.200	0.5	0.003
373	512	Bastar	Bakawand	Kohkapal To Gumdel	Kohkapal	CJ	502	37.144	0.5	0.002
374	508	Bastar	Bakawand	Malgaon To Gumdel	Malgaon	CJ	785	83.059	0.5	0.004



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Sl No.	Patch No.	District	Block	Route Name	Village	Type	Khasra No.	Length (in m.)	Width (in m.)	Proposed Area (In Ha.)
375	507	Bastar	Bakawand	Malgaon To Gumdel	Malgoan	CJ	703/2	104,295	0.5	0.005
376	527	Bastar	Bakawand	Nalpawand To Bajawand	Nalpawand	CJ	495	103,548	0.5	0.005
377	528	Bastar	Bakawand	Nalpawand To Bajawand	Nalpawand	CJ	524	97,578	0.5	0.005
378	529	Bastar	Bakawand	Udiyapal To Badlawand	Pahurbel	CJ	302	34,652	0.5	0.002
379	530	Bastar	Bakawand	Udiyapal To Badlawand	Pahurbel	CJ	923	244,755	0.5	0.012
380	460	Bastar	Bakawand	Udiyapal To Badlawand	Pahurbel	BJ	1343	370,288	0.5	0.019
381	531	Bastar	Bakawand	Udiyapal To Badlawand	Pahurbel	BJ	1343	372,126	0.5	0.019
382	461	Bastar	Bakawand	Udiyapal To Badlawand	Pahurbel	CJ	1465	67,831	0.5	0.003
383	532	Bastar	Bakawand	Udiyapal To Badlawand	Pahurbel	CJ	1465	60,205	0.5	0.003
384	462	Bastar	Bakawand	Udiyapal To Badlawand	Pahurbel	CJ	1483	108,856	0.5	0.005
385	533	Bastar	Bakawand	Udiyapal To Badlawand	Pahurbel	CJ	1483	107,551	0.5	0.005
386	463	Bastar	Bakawand	Udiyapal To Badlawand	Pahurbel	CJ	1487	175,086	0.5	0.009
387	534	Bastar	Bakawand	Udiyapal To Badlawand	Pahurbel	CJ	1487	174,413	0.5	0.009
388	464	Bastar	Bakawand	Udiyapal To Badlawand	Pahurbel	BJ	1514	224,114	0.5	0.011
389	535	Bastar	Bakawand	Udiyapal To Badlawand	Pahurbel	BJ	1514	230,749	0.5	0.012
390	536	Bastar	Bakawand	Bajawand To Nalpawand	Pithapur	BJ	403	34,759	0.5	0.002
391	537	Bastar	Bakawand	Bajawand To Nalpawand	Pithapur	BJ	404	57,506	0.5	0.003
392	538	Bastar	Bakawand	Bajawand To Nalpawand	Pithapur	BJ	408	35,764	0.5	0.002
393	498	Bastar	Bakawand	Tongkongera To Suwachond	Saunra	CJ	839	109,171	0.5	0.005
394	499	Bastar	Bakawand	Tongkongera To Suwachond	Saunra	CJ	840	63,133	0.5	0.003
395	500	Bastar	Bakawand	Tongkongera To Suwachond	Saunra	CJ	848	380,544	0.5	0.019
396	465	Bastar	Bakawand	Jaitgiri To Soutpur	Sautpur	CJ	523	20,891	0.5	0.001
397	467	Bastar	Bakawand	Sonpur To Chhinari	Sonpur	CJ	686	56,935	0.5	0.003
398	468	Bastar	Bakawand	Sonpur To Chhinari	Sonpur	CJ	909	275,956	0.5	0.014
399	469	Bastar	Bakawand	Sonpur To Chhinari	Sonpur	CJ	982	279,290	0.5	0.014
400	470	Bastar	Bakawand	Sonpur To Chhinari	Sonpur	CJ	987	28,786	0.5	0.001
401	471	Bastar	Bakawand	Sonpur To Chhinari	Sonpur	CJ	988	48,119	0.5	0.002



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Sl No.	Patch No.	District	Block	Route Name	Village	Type	Khasra No.	Length (in m.)	Width (in m.)	Proposed Area (In Ha.)
402	472	Bastar	Bakawand	Sonpur To Chhinari	Sonpur	CJ	989	74,317	0.5	0.004
403	473	Bastar	Bakawand	Sonpur To Chhinari	Sonpur	CJ	990	106,363	0.5	0.005
404	474	Bastar	Bakawand	Sonpur To Chhinari	Sonpur	CJ	997	132,980	0.5	0.007
405	475	Bastar	Bakawand	Sonpur To Chhinari	Sonpur	CJ	1121	842,841	0.5	0.042
406	501	Bastar	Bakawand	Sanwar To Chiurgoan	Suwachondi	CJ	46	137,291	0.5	0.007
407	502	Bastar	Bakawand	Sanwar To Chiurgoan	Suwachondi	CJ	103	135,422	0.5	0.007
408	503	Bastar	Bakawand	Sanwar To Chiurgoan	Suwachondi	CJ	115	30,746	0.5	0.002
409	539	Bastar	Bakawand	Baniyagaon To Bajawand	Tarapur	CJ	18	40,490	0.5	0.002
410	540	Bastar	Bakawand	Baniyagaon To Bajawand	Tarapur	CJ	266	83,407	0.5	0.004
411	550	Bastar	Bakawand	Baniyagaon To Bajawand	Tarapur	CJ	778	38,160	0.5	0.002
412	541	Bastar	Bakawand	Baniyagaon To Bajawand	Tarapur	CJ	843	77,067	0.5	0.004
413	542	Bastar	Bakawand	Baniyagaon To Bajawand	Tarapur	CJ	850	34,141	0.5	0.002
414	551	Bastar	Bakawand	Baniyagaon To Bajawand	Tarapur	CJ	985	9,918	0.5	0.000
415	552	Bastar	Bakawand	Baniyagaon To Bajawand	Tarapur	CJ	999	36,348	0.5	0.002
416	504	Bastar	Bakawand	Tongkongera To Ayatbeliputee	Tongkongera	BJ	288	119,562	0.5	0.006
417	505	Bastar	Bakawand	Tongkongera To Ayatbeliputee	Tongkongera	BJ	327	71,422	0.5	0.004
418	476	Bastar	Bakawand	Korta To Badlawand	Udiyapal	CJ	10	307,316	0.5	0.015
419	543	Bastar	Bakawand	Korta To Badlawand	Udiyapal	CJ	10	329,702	0.5	0.016
420	548	Bastar	Bakawand	Korta To Badlawand	Udiyapal	CJ	135	82,419	0.5	0.004
421	546	Bastar	Bakawand	Korta To Badlawand	Udiyapal	CJ	136	37,001	0.5	0.002
422	549	Bastar	Bakawand	Korta To Badlawand	Udiyapal	CJ	301	61,818	0.5	0.003
423	477	Bastar	Bakawand	Korta To Badlawand	Udiyapal	CJ	321	135,699	0.5	0.007
424	544	Bastar	Bakawand	Korta To Badlawand	Udiyapal	CJ	321	133,860	0.5	0.007
425	478	Bastar	Bakawand	Korta To Badlawand	Udiyapal	CJ	327	42,146	0.5	0.002
426	545	Bastar	Bakawand	Korta To Badlawand	Udiyapal	CJ	327	41,596	0.5	0.002
Grand Total-							138	16355.636	0.5	0.818
							426	49480.258	0.5	2.474

Yashwant Singh

उप दस्तावेज संचालक
उप दस्तावेज संचालक
जगदलपुर उप नगरपालिका
जगदलपुर

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

Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-1	1	19°07'20.75383"	82°01'48.99599"	P-51	7	19°01'52.95547"	82°00'27.50910"
P-2	1	19°07'17.77818"	82°01'43.26925"	P-52	8	19°01'02.71536"	82°01'42.94660"
P-3	1	19°07'13.90820"	82°01'37.76698"	P-53	8	19°01'02.18772"	82°01'49.50907"
P-4	1	19°07'10.03817"	82°01'32.26478"	P-54	8	19°01'02.86183"	82°01'56.30596"
P-5	1	19°07'07.40912"	82°01'28.47744"	P-55	8	19°01'02.77700"	82°02'03.14563"
P-6	2	19°06'41.64972"	82°02'30.42576"	P-56	8	19°01'00.04673"	82°02'08.69790"
P-7	2	19°06'47.34138"	82°02'27.10998"	P-57	8	19°00'58.96345"	82°02'15.44262"
P-8	2	19°06'53.01546"	82°02'23.76136"	P-58	8	19°00'57.48551"	82°02'22.06278"
P-9	2	19°06'58.66017"	82°02'20.35785"	P-59	8	19°00'54.63435"	82°02'28.19829"
P-10	2	19°07'04.30487"	82°02'16.95428"	P-60	8	19°00'51.11378"	82°02'33.94810"
P-11	2	19°07'09.92361"	82°02'13.50385"	P-61	8	19°00'50.78591"	82°02'34.45456"
P-12	2	19°07'15.51953"	82°02'10.01220"	P-62	9	19°00'45.65344"	82°02'45.07227"
P-13	2	19°07'18.28143"	82°02'04.26168"	P-63	9	19°00'41.57129"	82°02'50.38163"
P-14	2	19°07'19.37431"	82°01'57.51407"	P-64	9	19°00'34.85503"	82°03'02.15333"
P-15	2	19°07'20.46711"	82°01'50.76645"	P-65	9	19°00'32.12728"	82°03'08.36333"
P-16	2	19°07'06.10335"	82°01'26.58577"	P-66	9	19°00'29.71348"	82°03'14.69805"
P-17	2	19°07'00.18121"	82°01'26.21532"	P-67	9	19°00'29.24239"	82°03'18.48778"
P-18	2	19°06'41.60125"	82°02'30.41967"	P-68	10	19°08'35.94155"	82°07'12.25887"
P-19	3	19°07'43.04235"	81°58'47.08781"	P-69	10	19°08'29.61979"	82°07'10.67909"
P-20	3	19°07'31.14135"	81°58'55.72758"	P-70	10	19°08'23.62542"	82°07'09.26073"
P-21	3	19°07'25.80271"	81°58'59.63992"	P-71	10	19°08'19.63307"	82°07'05.68568"
P-22	3	19°07'20.65839"	81°59'03.81245"	P-72	10	19°08'13.14459"	82°07'05.18481"
P-23	3	19°07'16.03806"	81°59'08.63168"	P-73	10	19°08'06.84267"	82°07'06.38185"
P-24	3	19°07'11.66390"	81°59'13.69637"	P-74	10	19°08'00.50613"	82°07'07.09398"
P-25	3	19°07'08.33173"	81°59'19.50441"	P-75	10	19°07'54.41757"	82°07'04.86541"
P-26	3	19°07'10.72336"	81°59'53.20468"	P-76	10	19°07'48.26748"	82°07'04.10354"
P-27	3	19°07'17.22876"	81°59'53.28635"	P-77	10	19°07'42.05181"	82°07'04.24828"
P-28	3	19°07'23.56866"	81°59'54.67495"	P-78	11	19°07'42.05181"	82°07'04.24828"
P-29	3	19°07'01.06894"	81°59'30.33215"	P-79	11	19°07'41.89628"	82°07'04.25190"
P-30	4	19°05'52.67987"	81°56'49.22148"	P-80	12	19°07'30.71100"	82°08'22.84965"
P-31	4	19°05'54.69540"	81°56'42.71411"	P-81	12	19°07'31.41241"	82°08'21.45405"
P-32	4	19°05'56.71087"	81°56'36.20669"	P-82	13	19°07'29.60831"	82°08'28.88545"
P-33	4	19°05'58.72627"	81°56'29.69922"	P-83	13	19°07'30.42342"	82°08'23.11045"
P-34	4	19°05'53.04368"	81°56'27.84427"	P-84	13	19°07'30.71100"	82°08'22.84965"
P-35	4	19°05'49.01717"	81°56'27.74996"	P-85	14	19°06'00.13791"	82°06'22.65336"
P-36	5	19°05'28.20558"	82°02'35.79660"	P-86	14	19°05'56.15723"	82°06'19.13528"
P-37	5	19°05'34.51853"	82°02'34.14456"	P-87	15	19°06'13.93415"	82°06'25.58456"
P-38	5	19°05'40.79271"	82°02'32.35309"	P-88	15	19°06'01.70962"	82°06'22.98729"
P-39	5	19°05'45.32684"	82°02'30.27325"	P-89	15	19°06'00.13791"	82°06'22.65336"
P-40	6	19°02'55.79436"	82°03'45.37861"	P-90	16	19°04'44.59469"	82°10'14.87540"
P-41	6	19°03'00.05937"	82°03'50.06415"	P-91	16	19°04'47.07083"	82°10'21.20323"
P-42	6	19°03'01.07299"	82°03'56.66427"	P-92	16	19°04'49.54691"	82°10'27.53111"



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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-43	6	19°03'03.60550"	82°04'02.85972"	P-93	16	19°04'51.40022"	82°10'32.70833"
P-44	6	19°03'09.89032"	82°04'02.62071"	P-94	17	19°03'32.82051"	82°00'23.11661"
P-45	6	19°03'16.36468"	82°04'01.95698"	P-95	17	19°03'31.90675"	82°00'28.78567"
P-46	6	19°03'22.85463"	82°04'01.47901"	P-96	17	19°03'31.81346"	82°00'35.25897"
P-47	6	19°03'29.35430"	82°04'01.18368"	P-97	17	19°03'31.34209"	82°00'42.08330"
P-48	6	19°03'35.85898"	82°04'01.11436"	P-98	17	19°03'31.66123"	82°00'28.08446"
P-49	6	19°02'57.88187"	82°03'41.36938"	P-99	17	19°03'32.71263"	82°00'23.48658"
P-50	7	19°01'57.01856"	82°00'32.18620"	P-100	18	19°03'31.07358"	82°00'45.97015"
P-101	18	19°03'35.98354"	82°00'45.91001"	P-151	21	19°02'20.33832"	82°06'00.14906"
P-102	18	19°03'42.36819"	82°00'45.70667"	P-152	21	19°02'18.99151"	82°06'04.67762"
P-103	18	19°03'48.47452"	82°00'47.87632"	P-153	21	19°02'17.25311"	82°06'11.27017"
P-104	18	19°03'50.93055"	82°00'52.39788"	P-154	21	19°02'15.51464"	82°06'17.86269"
P-105	18	19°03'47.55806"	82°00'58.24937"	P-155	21	19°02'13.77612"	82°06'24.45516"
P-106	18	19°03'44.18552"	82°01'04.10078"	P-156	21	19°02'10.88070"	82°06'28.03786"
P-107	18	19°03'40.81293"	82°01'09.95213"	P-157	21	19°02'09.07009"	82°06'26.91698"
P-108	18	19°03'45.22216"	82°01'14.10791"	P-158	22	19°02'03.12582"	82°05'14.72888"
P-109	18	19°03'49.02670"	82°01'10.65449"	P-159	22	19°02'01.27717"	82°05'08.98341"
P-110	18	19°03'53.69685"	82°01'09.53246"	P-160	22	19°02'00.48287"	82°05'02.20281"
P-111	18	19°03'59.46613"	82°01'12.68590"	P-161	22	19°01'59.52726"	82°04'55.43588"
P-112	18	19°04'05.08387"	82°01'16.13328"	P-162	22	19°01'58.14133"	82°05'28.29432"
P-113	18	19°04'09.76478"	82°01'20.78222"	P-163	22	19°02'01.95194"	82°05'22.86652"
P-114	18	19°03'00.46940"	82°01'30.51804"	P-164	22	19°01'54.03108"	82°04'44.57678"
P-115	18	19°03'00.12555"	82°01'23.70327"	P-165	22	19°01'47.53284"	82°04'44.90570"
P-116	18	19°03'00.71954"	82°01'16.89100"	P-166	22	19°01'41.03605"	82°04'45.27110"
P-117	18	19°03'03.83031"	82°01'11.20638"	P-167	22	19°01'34.53926"	82°04'45.63649"
P-118	18	19°03'09.99589"	82°01'09.11306"	P-168	22	19°01'28.04247"	82°04'46.00188"
P-119	18	19°03'16.47104"	82°01'08.75254"	P-169	22	19°01'21.54568"	82°04'46.36726"
P-120	18	19°03'22.09849"	82°01'07.17317"	P-170	22	19°01'15.18397"	82°04'46.72504"
P-121	18	19°03'20.77660"	82°01'00.47492"	P-171	23	19°01'13.73165"	82°04'46.80672"
P-122	18	19°03'20.57059"	82°00'53.80569"	P-172	23	19°01'07.23486"	82°04'47.17212"
P-123	18	19°03'01.27644"	82°01'43.96654"	P-173	23	19°01'00.73806"	82°04'47.53751"
P-124	18	19°03'01.74399"	82°01'37.14287"	P-174	23	19°00'54.24127"	82°04'47.90290"
P-125	18	19°03'02.07984"	82°01'30.68735"	P-175	23	19°00'48.69667"	82°04'46.53011"
P-126	18	19°02'59.23675"	82°01'31.85655"	P-176	23	19°00'45.73708"	82°04'40.43851"
P-127	19	19°03'39.47387"	82°04'01.86135"	P-177	23	19°00'43.18306"	82°04'34.15496"
P-128	19	19°03'34.88473"	82°04'06.66435"	P-178	23	19°00'40.98419"	82°04'27.72524"
P-129	19	19°03'30.75998"	82°04'11.95575"	P-179	23	19°00'39.93012"	82°04'21.29801"
P-130	19	19°03'26.73189"	82°04'17.32673"	P-180	24	19°00'26.94810"	82°01'28.47231"
P-131	19	19°03'22.92215"	82°04'22.86911"	P-181	24	19°00'32.37052"	82°01'32.25244"
P-132	19	19°03'19.90041"	82°04'28.89903"	P-182	24	19°00'38.62777"	82°01'32.65215"
P-133	19	19°03'17.14780"	82°04'35.09754"	P-183	24	19°00'45.09946"	82°01'31.94871"
P-134	19	19°03'13.95560"	82°04'41.00810"	P-184	24	18°59'58.27980"	82°01'29.01505"
P-135	19	19°03'13.54211"	82°04'41.55202"	P-185	24	19°00'04.76633"	82°01'29.54660"
P-136	20	19°03'07.58469"	82°04'49.03614"	P-186	24	19°00'11.26258"	82°01'29.35866"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-137	20	19°03'03.27833"	82°04'54.16475"	P-187	24	18°59'43.16149"	82°01'27.77619"
P-138	20	19°02'59.10470"	82°04'59.39779"	P-188	25	18°59'17.76447"	82°00'08.68218"
P-139	20	19°02'56.81433"	82°05'05.78212"	P-189	25	18°59'21.70582"	82°00'13.18033"
P-140	20	19°02'52.98971"	82°05'11.30092"	P-190	26	18°57'04.67634"	81°59'19.03633"
P-141	20	19°02'51.69039"	82°05'12.92707"	P-191	26	18°57'03.41542"	81°59'12.32802"
P-142	21	19°02'51.69039"	82°05'12.92707"	P-192	26	18°57'01.73575"	81°59'05.81103"
P-143	21	19°02'47.04883"	82°05'17.69246"	P-193	26	18°56'58.89107"	81°58'59.68961"
P-144	21	19°02'41.39588"	82°05'20.91356"	P-194	26	18°56'57.76610"	81°58'52.95471"
P-145	21	19°02'35.56232"	82°05'23.91666"	P-195	26	18°56'57.39695"	81°58'46.17045"
P-146	21	19°02'30.31682"	82°05'27.78736"	P-196	26	18°56'56.64572"	81°58'39.52591"
P-147	21	19°02'27.53616"	82°05'33.85973"	P-197	26	18°56'54.17805"	81°58'33.19892"
P-148	21	19°02'25.69673"	82°05'40.41906"	P-198	26	18°56'51.71032"	81°58'26.87199"
P-149	21	19°02'23.96721"	82°05'47.01419"	P-199	26	18°56'49.63187"	81°58'20.43309"
P-150	21	19°02'22.26975"	82°05'53.61860"	P-200	26	18°56'48.68932"	81°58'13.66741"
P-201	26	18°56'47.74670"	81°58'06.90174"	P-251	33	19°29'18.80943"	82°02'59.08545"
P-202	26	18°56'46.32134"	81°58'00.30137"	P-252	33	19°29'18.54335"	82°03'05.88614"
P-203	26	18°56'42.97460"	81°57'54.53317"	P-253	33	19°29'19.32071"	82°03'12.37132"
P-204	26	18°56'37.73038"	81°57'50.50650"	P-254	33	19°29'15.18045"	82°03'17.35654"
P-205	26	18°56'34.01591"	81°57'45.09941"	P-255	33	19°29'09.40876"	82°03'26.53126"
P-206	26	18°56'33.29280"	81°57'42.77947"	P-256	33	19°29'04.39041"	82°03'30.45431"
P-207	27	18°55'24.66092"	82°02'02.00988"	P-257	34	19°29'04.39041"	82°03'30.45431"
P-208	27	18°55'19.65080"	82°02'05.88446"	P-258	34	19°28'58.23911"	82°03'32.52365"
P-209	27	18°55'11.71733"	82°02'10.99866"	P-259	34	19°28'51.83001"	82°03'32.49824"
P-210	27	18°54'59.76346"	82°02'13.38612"	P-260	34	19°28'46.17005"	82°03'35.29247"
P-211	28	18°54'36.85668"	82°02'23.36510"	P-261	34	19°28'42.71063"	82°03'41.07318"
P-212	28	18°54'34.46633"	82°02'29.67327"	P-262	34	19°28'39.61135"	82°03'47.09664"
P-213	28	18°54'30.28818"	82°02'34.66307"	P-263	34	19°28'35.38310"	82°03'52.23826"
P-214	28	18°54'28.09929"	82°02'40.91393"	P-264	34	19°28'30.32313"	82°03'56.32553"
P-215	28	18°54'25.75184"	82°02'47.28954"	P-265	34	19°28'23.93024"	82°03'55.08170"
P-216	28	18°54'23.40433"	82°02'53.66510"	P-266	34	19°28'23.02732"	82°03'55.38776"
P-217	28	18°54'20.08455"	82°02'58.99010"	P-267	35	19°28'14.36973"	82°02'47.11561"
P-218	28	18°54'14.26742"	82°03'02.04243"	P-268	35	19°28'19.75074"	82°02'49.66363"
P-219	28	18°54'10.59458"	82°03'07.56324"	P-269	35	19°28'25.91221"	82°02'47.52513"
P-220	28	18°54'07.92100"	82°03'12.65483"	P-270	35	19°28'31.72237"	82°02'44.54333"
P-221	29	18°54'54.56301"	82°01'51.20540"	P-271	35	19°28'36.26193"	82°02'39.71981"
P-222	29	18°55'00.86119"	82°01'51.89751"	P-272	35	19°28'41.56204"	82°02'35.75951"
P-223	29	18°55'07.35822"	82°01'51.65940"	P-273	35	19°28'42.87943"	82°02'34.73528"
P-224	29	18°54'38.62253"	82°02'22.03987"	P-274	36	19°28'42.87943"	82°02'34.73528"
P-225	29	18°54'37.73518"	82°02'22.56207"	P-275	36	19°28'48.48328"	82°02'31.30322"
P-226	30	18°53'45.08620"	82°01'17.50912"	P-276	36	19°27'57.02417"	82°02'43.90860"
P-227	30	18°53'51.45024"	82°01'18.08983"	P-277	36	19°28'03.23776"	82°02'42.31619"
P-228	30	18°53'57.66956"	82°01'20.09117"	P-278	36	19°28'09.22773"	82°02'44.83324"
P-229	30	18°54'03.83657"	82°01'22.26974"	P-279	36	19°28'14.36973"	82°02'47.11561"
P-230	30	18°54'10.00356"	82°01'24.44836"	P-280	37	19°28'23.02732"	82°03'55.38776"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-231	30	18°54'15.63506"	82°01'27.71304"	P-281	37	19°28'21.45691"	82°04'01.97488"
P-232	30	18°54'21.33537"	82°01'31.00854"	P-282	37	19°28'21.34621"	82°04'03.05221"
P-233	30	18°54'27.03567"	82°01'34.30411"	P-283	38	19°27'28.82246"	82°01'46.52975"
P-234	30	18°54'32.73594"	82°01'37.59975"	P-284	38	19°27'23.91522"	82°01'51.02830"
P-235	30	18°54'37.61035"	82°01'42.00886"	P-285	38	19°27'18.97189"	82°01'55.48620"
P-236	30	18°54'42.34559"	82°01'46.60352"	P-286	38	19°27'15.21670"	82°02'00.93833"
P-237	30	18°54'47.68187"	82°01'50.18164"	P-287	38	19°27'12.80896"	82°02'07.13251"
P-238	30	18°53'45.08620"	82°01'17.50912"	P-288	39	19°27'43.70689"	82°04'44.48908"
P-239	31	18°53'45.32569"	82°01'17.06697"	P-289	39	19°27'37.35227"	82°04'45.80494"
P-240	31	18°53'44.71245"	82°01'17.86363"	P-290	39	19°27'30.89516"	82°04'46.54953"
P-241	32	19°27'57.53040"	82°00'27.58452"	P-291	39	19°27'24.72901"	82°04'48.58422"
P-242	32	19°28'02.99261"	82°00'31.02205"	P-292	39	19°27'18.22429"	82°04'48.64253"
P-243	32	19°28'08.37886"	82°00'34.79152"	P-293	39	19°27'13.96382"	82°04'48.19694"
P-244	32	19°28'13.33117"	82°00'37.96479"	P-294	40	19°27'39.74121"	82°02'46.84786"
P-245	32	19°28'14.20931"	82°00'44.73256"	P-295	40	19°27'45.84704"	82°02'44.52522"
P-246	32	19°28'17.32297"	82°00'48.83337"	P-296	40	19°27'52.14338"	82°02'43.77792"
P-247	32	19°28'12.84370"	82°00'53.76383"	P-297	40	19°27'12.03788"	82°02'09.24354"
P-248	32	19°28'06.93031"	82°00'56.23419"	P-298	40	19°27'08.53927"	82°02'14.96134"
P-249	32	19°28'02.55242"	82°00'56.46528"	P-299	40	19°27'06.49400"	82°02'21.40858"
P-250	33	19°29'19.07637"	82°02'52.26384"	P-300	40	19°27'05.13245"	82°02'27.96636"
P-301	40	19°27'06.43187"	82°02'33.44471"	P-351	48	19°23'25.43400"	82°05'14.84318"
P-302	40	19°27'12.43893"	82°02'35.86377"	P-352	48	19°23'19.55581"	82°05'11.90627"
P-303	40	19°27'18.62223"	82°02'37.59797"	P-353	48	19°23'13.61448"	82°05'09.11375"
P-304	40	19°27'23.95219"	82°02'41.52617"	P-354	48	19°23'07.37386"	82°05'07.32421"
P-305	40	19°27'29.40264"	82°02'45.26889"	P-355	48	19°23'01.08321"	82°05'08.70657"
P-306	40	19°27'35.67409"	82°02'46.97335"	P-356	48	19°22'54.93245"	82°05'10.93444"
P-307	40	19°27'36.07174"	82°02'47.04850"	P-357	48	19°22'48.62976"	82°05'12.52417"
P-308	41	19°27'36.07174"	82°02'47.04850"	P-358	48	19°22'42.14408"	82°05'12.99897"
P-309	41	19°27'39.74121"	82°02'46.84786"	P-359	48	19°22'39.60297"	82°04'36.79999"
P-310	42	19°26'17.96507"	81°59'36.32245"	P-360	48	19°22'35.16745"	82°04'41.73752"
P-311	42	19°26'20.18213"	81°59'30.00636"	P-361	48	19°22'34.17049"	82°04'42.76519"
P-312	42	19°26'22.13321"	81°59'23.46491"	P-362	48	19°22'28.33139"	82°04'53.72894"
P-313	42	19°26'25.05719"	81°59'17.63300"	P-363	48	19°22'28.28578"	82°04'55.13510"
P-314	42	19°26'31.34291"	81°59'15.89463"	P-364	49	19°23'41.58937"	82°03'04.94957"
P-315	42	19°26'37.63551"	81°59'15.18240"	P-365	49	19°23'45.66452"	82°02'59.98668"
P-316	42	19°26'43.30760"	81°59'18.50154"	P-366	50	19°23'53.52678"	82°05'32.33121"
P-317	42	19°26'43.69306"	81°59'18.61315"	P-367	50	19°23'48.02038"	82°05'28.72734"
P-318	43	19°26'36.37848"	82°04'39.18305"	P-368	50	19°23'42.63051"	82°05'24.89354"
P-319	43	19°26'30.02781"	82°04'40.09557"	P-369	50	19°23'37.04876"	82°05'21.37333"
P-320	43	19°26'23.53981"	82°04'40.38180"	P-370	50	19°23'36.91034"	82°05'21.28965"
P-321	43	19°26'17.05222"	82°04'39.92236"	P-371	51	19°23'06.01305"	82°04'03.91380"
P-322	43	19°26'10.56797"	82°04'40.23112"	P-372	51	19°23'10.14312"	82°03'58.83112"
P-323	43	19°26'04.11072"	82°04'41.06634"	P-373	51	19°23'15.00516"	82°03'54.28229"
P-324	43	19°25'57.62391"	82°04'41.42290"	P-374	51	19°23'19.54916"	82°03'49.38852"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-325	43	19°25'51.12125"	82°04'41.31520"	P-375	51	19°23'22.80172"	82°03'43.46665"
P-326	43	19°25'44.65611"	82°04'41.32606"	P-376	51	19°23'26.70326"	82°03'38.00112"
P-327	43	19°25'44.64364"	82°04'41.32980"	P-377	51	19°23'05.80922"	82°04'05.10239"
P-328	44	19°25'44.64364"	82°04'41.32980"	P-378	51	19°23'04.21742"	82°04'10.42445"
P-329	44	19°25'38.89917"	82°04'44.40862"	P-379	51	19°23'04.32502"	82°04'10.35822"
P-330	44	19°25'33.66170"	82°04'48.47260"	P-380	52	19°23'34.74314"	82°03'29.36557"
P-331	44	19°25'28.44532"	82°04'52.51192"	P-381	52	19°23'36.75028"	82°03'22.87720"
P-332	44	19°25'23.58973"	82°04'57.00548"	P-382	52	19°23'38.19395"	82°03'16.19235"
P-333	44	19°25'18.56269"	82°05'01.28667"	P-383	52	19°23'40.05587"	82°03'09.63040"
P-334	44	19°25'12.92807"	82°05'04.71049"	P-384	52	19°23'32.89828"	82°03'31.90645"
P-335	44	19°25'06.96348"	82°05'07.41606"	P-385	52	19°23'33.64680"	82°03'30.95508"
P-336	44	19°25'01.31844"	82°05'08.53547"	P-386	53	19°23'37.66067"	82°09'04.02031"
P-337	45	19°25'01.31844"	82°05'08.53547"	P-387	53	19°23'33.91978"	82°08'58.73908"
P-338	45	19°24'57.32239"	82°05'07.83787"	P-388	53	19°23'31.94766"	82°08'52.22248"
P-339	46	19°24'27.65672"	82°05'25.32056"	P-389	53	19°23'28.36691"	82°08'46.65524"
P-340	46	19°24'21.78690"	82°05'27.45895"	P-390	53	19°23'25.69692"	82°08'44.34028"
P-341	46	19°24'15.31999"	82°05'26.79219"	P-391	54	19°23'33.99280"	81°59'54.97257"
P-342	46	19°24'08.84042"	82°05'26.58339"	P-392	54	19°23'33.91686"	81°59'48.12105"
P-343	46	19°24'03.25635"	82°05'27.61848"	P-393	54	19°23'33.79569"	81°59'41.26790"
P-344	47	19°24'09.34013"	82°07'41.01666"	P-394	54	19°23'33.61003"	81°59'34.41547"
P-345	47	19°24'14.23629"	82°07'45.51833"	P-395	54	19°23'33.50190"	81°59'27.56053"
P-346	47	19°24'17.77806"	82°07'51.22798"	P-396	54	19°23'33.47579"	81°59'20.70479"
P-347	47	19°24'21.31302"	82°07'56.92033"	P-397	54	19°23'33.57005"	81°59'13.84932"
P-348	47	19°24'21.36345"	82°07'57.66710"	P-398	54	19°23'33.56300"	81°59'06.99413"
P-349	48	19°23'36.91034"	82°05'21.28965"	P-399	54	19°23'33.69273"	81°59'00.17451"
P-350	48	19°23'31.24600"	82°05'17.91855"	P-400	54	19°23'33.84684"	81°58'53.32230"
P-401	54	19°23'28.20050"	81°58'50.10674"	P-451	65	19°19'31.31102"	82°04'13.08793"
P-402	54	19°23'23.29465"	81°58'46.20064"	P-452	65	19°19'34.39743"	82°04'07.82208"
P-403	54	19°23'21.36744"	81°58'39.65592"	P-453	65	19°19'40.12658"	82°04'11.06940"
P-404	54	19°23'21.34159"	81°58'39.55795"	P-454	65	19°19'45.88996"	82°04'14.24622"
P-405	55	19°23'05.71586"	82°07'10.06949"	P-455	65	19°19'50.08147"	82°04'15.41571"
P-406	55	19°23'10.00434"	82°07'15.19748"	P-456	66	19°19'29.44342"	82°04'45.43627"
P-407	55	19°23'15.51207"	82°07'18.82000"	P-457	66	19°19'26.07870"	82°04'39.57123"
P-408	55	19°23'19.98315"	82°07'23.33982"	P-458	66	19°19'21.72309"	82°04'34.54620"
P-409	56	19°23'21.30065"	81°58'39.40276"	P-459	66	19°19'23.35736"	82°04'30.40176"
P-410	56	19°23'19.14137"	81°58'32.94772"	P-460	67	19°18'26.45227"	82°09'53.38323"
P-411	56	19°23'15.77514"	81°58'27.59209"	P-461	67	19°18'20.64188"	82°09'56.06393"
P-412	56	19°23'09.56254"	81°58'25.56324"	P-462	67	19°18'15.41251"	82°09'59.70231"
P-413	56	19°23'03.38256"	81°58'23.42243"	P-463	67	19°18'13.22436"	82°10'01.50033"
P-414	56	19°22'57.28164"	81°58'21.04397"	P-464	68	19°24'19.18800"	82°09'21.02400"
P-415	56	19°22'51.48499"	81°58'17.95729"	P-465	68	19°24'16.47866"	82°09'27.25265"
P-416	56	19°22'49.65783"	81°58'16.09049"	P-466	68	19°24'12.71205"	82°09'32.80714"
P-417	57	19°22'44.24346"	82°08'12.71866"	P-467	68	19°24'08.30875"	82°09'37.85126"
P-418	57	19°22'40.82253"	82°08'12.71925"	P-468	68	19°24'03.68743"	82°09'42.60220"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-419	58	19°22'48.30776"	81°58'08.45017"	P-469	68	19°23'57.99293"	82°09'45.91397"
P-420	58	19°22'47.05883"	81°58'01.72202"	P-470	68	19°23'52.41910"	82°09'49.44668"
P-421	58	19°22'45.83864"	81°57'54.98919"	P-471	68	19°23'47.15576"	82°09'53.45058"
P-422	58	19°22'49.49269"	81°57'50.73569"	P-472	68	19°23'42.36002"	82°09'58.07353"
P-423	58	19°22'52.61129"	81°57'49.64985"	P-473	68	19°23'40.70195"	82°09'59.75282"
P-424	59	19°22'50.24010"	82°04'24.95811"	P-474	69	19°23'21.72180"	81°58'39.40003"
P-425	59	19°22'47.76193"	82°04'28.07268"	P-475	69	19°23'21.38186"	81°58'39.79593"
P-426	59	19°22'42.05895"	82°04'34.27383"	P-476	70	19°23'14.36768"	81°58'26.93546"
P-427	59	19°22'43.90270"	82°04'32.34795"	P-477	70	19°23'15.50287"	81°58'25.95759"
P-428	60	19°22'49.65783"	81°58'16.09049"	P-478	71	19°22'39.44830"	82°04'36.95921"
P-429	60	19°22'48.47256"	81°58'09.35179"	P-479	71	19°22'35.00904"	82°04'41.87961"
P-430	60	19°22'48.30802"	81°58'08.45158"	P-480	71	19°22'34.03713"	82°04'42.93142"
P-431	61	19°22'40.82253"	82°08'12.71925"	P-481	71	19°22'28.33310"	82°04'53.94337"
P-432	61	19°22'34.64784"	82°08'10.87342"	P-482	71	19°22'28.28578"	82°04'55.13510"
P-433	61	19°22'30.87772"	82°08'08.24102"	P-483	72	19°23'05.52665"	82°04'07.04128"
P-434	62	19°21'13.67046"	82°07'58.81154"	P-484	72	19°23'03.50883"	82°04'01.50697"
P-435	62	19°21'10.03694"	82°08'04.49700"	P-485	72	19°22'59.49530"	82°03'56.52120"
P-436	62	19°21'06.37800"	82°08'10.16385"	P-486	72	19°22'58.53464"	82°03'49.78955"
P-437	62	19°21'01.93455"	82°08'15.07775"	P-487	72	19°22'56.65388"	82°03'43.24789"
P-438	62	19°20'56.45693"	82°08'18.71599"	P-488	72	19°22'56.15174"	82°03'36.44869"
P-439	62	19°20'46.51068"	82°08'26.98375"	P-489	72	19°23'04.88623"	82°04'09.66546"
P-440	62	19°20'42.98389"	82°08'31.68805"	P-490	72	19°23'04.32502"	82°04'10.35822"
P-441	63	19°20'42.98389"	82°08'31.68805"	P-491	73	19°22'54.42031"	82°03'32.73875"
P-442	63	19°20'38.18194"	82°08'36.29572"	P-492	73	19°22'51.94351"	82°03'26.41067"
P-443	63	19°20'34.38954"	82°08'41.85658"	P-493	73	19°22'49.56207"	82°03'20.03734"
P-444	63	19°20'32.45893"	82°08'45.21196"	P-494	73	19°22'45.19851"	82°03'15.06245"
P-445	64	19°20'06.92766"	82°09'34.01423"	P-495	74	19°22'50.24010"	82°04'24.95811"
P-446	64	19°19'52.39868"	82°09'34.13930"	P-496	74	19°22'47.75800"	82°04'28.03788"
P-447	64	19°19'27.84849"	82°09'50.62403"	P-497	74	19°22'42.05131"	82°04'34.24426"
P-448	64	19°19'24.32208"	82°09'56.37739"	P-498	74	19°22'43.90270"	82°04'32.34795"
P-449	64	19°19'20.47381"	82°10'01.53558"	P-499	75	19°22'45.19851"	82°03'15.06245"
P-450	64	19°19'17.92799"	82°10'00.95430"	P-500	75	19°22'41.71931"	82°03'09.28257"
P-501	75	19°22'37.83019"	82°03'03.83631"	P-551	83	19°19'53.52378"	82°03'19.86477"
P-502	75	19°22'33.98229"	82°02'58.34334"	P-552	84	19°18'48.98535"	82°03'43.03615"
P-503	75	19°22'32.36104"	82°02'55.97192"	P-553	84	19°18'54.74639"	82°03'46.20062"
P-504	76	19°22'13.96765"	82°02'25.02663"	P-554	84	19°19'00.89498"	82°03'48.38039"
P-505	76	19°22'12.01562"	82°02'18.49415"	P-555	84	19°18'25.40058"	82°03'37.34877"
P-506	76	19°22'10.84153"	82°02'12.44933"	P-556	84	19°18'30.60190"	82°03'38.24534"
P-507	77	19°21'05.61588"	82°03'22.26066"	P-557	85	19°18'51.24228"	82°00'58.93419"
P-508	77	19°21'10.96337"	82°03'26.16468"	P-558	85	19°18'46.40385"	82°00'54.54174"
P-509	77	19°20'54.16462"	82°03'11.56543"	P-559	85	19°18'41.01405"	82°00'50.83755"
P-510	77	19°20'58.28762"	82°03'16.71879"	P-560	85	19°18'12.35329"	82°00'38.06045"
P-511	78	19°20'44.00366"	82°02'38.45322"	P-561	85	19°18'06.92986"	82°00'34.31036"
P-512	78	19°20'43.96633"	82°02'38.57973"	P-562	85	19°18'00.98201"	82°00'31.53390"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-513	79	19°21'22.48581"	82°01'05.40235"	P-563	85	19°17'58.98934"	82°00'30.89560"
P-514	79	19°21'20.37290"	82°00'59.77465"	P-564	86	19°18'11.44932"	82°03'32.78731"
P-515	80	19°20'54.27997"	82°00'51.39017"	P-565	86	19°18'17.22127"	82°03'35.91531"
P-516	80	19°20'48.11427"	82°00'49.20249"	P-566	86	19°18'22.22536"	82°03'36.85667"
P-517	80	19°20'41.84260"	82°00'47.58480"	P-567	87	19°17'12.93571"	81°59'47.07679"
P-518	80	19°20'36.06661"	82°00'46.94885"	P-568	87	19°17'07.88893"	81°59'42.75269"
P-519	80	19°20'33.71432"	82°00'48.06642"	P-569	87	19°17'05.17421"	81°59'41.75699"
P-520	81	19°19'53.78478"	82°03'19.49023"	P-570	88	19°17'21.40418"	81°59'54.33261"
P-521	81	19°19'55.84197"	82°03'13.12508"	P-571	88	19°17'16.35738"	81°59'50.00849"
P-522	81	19°19'56.58315"	82°03'07.04096"	P-572	88	19°17'15.43307"	81°59'49.21654"
P-523	82	19°20'00.88133"	82°00'55.00020"	P-573	89	19°16'09.08111"	82°01'27.08209"
P-524	82	19°19'55.05489"	82°00'58.00830"	P-574	89	19°16'03.29329"	82°01'30.19651"
P-525	82	19°19'49.41329"	82°01'01.38676"	P-575	89	19°16'00.16129"	82°01'32.09757"
P-526	82	19°19'44.50314"	82°01'05.87874"	P-576	90	19°16'24.59551"	82°05'17.68618"
P-527	82	19°19'39.36743"	82°01'10.08545"	P-577	90	19°16'23.16306"	82°05'11.05608"
P-528	82	19°19'34.96097"	82°01'15.03350"	P-578	90	19°16'21.73507"	82°05'05.59152"
P-529	82	19°19'30.01056"	82°01'19.28164"	P-579	90	19°16'19.18561"	82°04'59.35171"
P-530	82	19°19'26.15844"	82°01'24.55278"	P-580	90	19°16'16.84097"	82°04'52.97363"
P-531	82	19°19'23.33103"	82°01'30.72310"	P-581	90	19°16'16.19128"	82°04'46.20196"
P-532	82	19°19'08.83723"	82°01'17.21195"	P-582	90	19°16'16.04584"	82°04'39.61382"
P-533	82	19°19'05.82545"	82°01'11.14348"	P-583	90	19°16'13.17519"	82°04'34.17744"
P-534	82	19°19'01.12336"	82°01'07.45197"	P-584	90	19°16'10.22552"	82°04'28.10563"
P-535	82	19°18'56.00633"	82°01'03.69039"	P-585	90	19°16'07.85513"	82°04'21.72638"
P-536	82	19°18'52.39718"	82°00'59.44058"	P-586	90	19°16'05.84126"	82°04'15.21502"
P-537	82	19°18'51.24228"	82°00'58.93419"	P-587	90	19°16'05.49440"	82°04'13.78986"
P-538	83	19°19'07.19141"	82°03'50.21576"	P-588	91	19°16'00.16129"	82°01'32.09757"
P-539	83	19°19'13.02351"	82°03'53.20063"	P-589	91	19°15'54.85068"	82°01'36.04926"
P-540	83	19°19'17.36729"	82°03'58.09657"	P-590	91	19°15'49.35849"	82°01'39.72122"
P-541	83	19°19'22.83590"	82°04'01.66248"	P-591	91	19°15'44.48084"	82°01'44.22982"
P-542	83	19°19'28.74905"	82°04'04.49922"	P-592	91	19°15'39.64356"	82°01'48.81076"
P-543	83	19°19'34.10431"	82°04'06.74756"	P-593	91	19°15'34.83227"	82°01'53.42200"
P-544	83	19°19'36.62910"	82°04'00.43140"	P-594	91	19°15'31.17160"	82°01'56.27009"
P-545	83	19°19'39.30124"	82°03'54.18402"	P-595	92	19°15'20.83681"	82°05'12.40376"
P-546	83	19°19'41.88811"	82°03'47.89586"	P-596	92	19°15'26.62681"	82°05'15.44316"
P-547	83	19°19'42.78556"	82°03'41.19085"	P-597	92	19°15'32.43680"	82°05'18.51850"
P-548	83	19°19'42.92749"	82°03'34.35468"	P-598	92	19°15'38.20003"	82°05'21.69659"
P-549	83	19°19'45.28147"	82°03'28.11408"	P-599	92	19°15'43.97014"	82°05'24.86116"
P-550	83	19°19'50.30844"	82°03'23.76476"	P-600	92	19°14'43.10914"	82°04'18.50447"
P-601	92	19°14'43.29497"	82°04'24.89974"	P-651	99	19°11'34.58065"	82°03'08.98709"
P-602	92	19°14'46.37865"	82°04'30.85384"	P-652	99	19°11'39.42780"	82°03'12.14965"
P-603	92	19°14'50.66003"	82°04'36.01074"	P-653	99	19°11'45.48318"	82°03'14.65385"
P-604	92	19°14'54.91873"	82°04'41.18923"	P-654	99	19°11'51.54606"	82°03'17.13757"
P-605	92	19°14'59.11180"	82°04'46.42610"	P-655	99	19°11'36.88538"	82°02'59.44578"
P-606	92	19°15'03.28608"	82°04'51.68005"	P-656	99	19°11'35.88233"	82°03'03.41157"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-607	92	19°15'07.58081"	82°04'56.82481"	P-657	100	19°10'13.33980"	82°07'44.88787"
P-608	92	19°15'11.91768"	82°05'01.93101"	P-658	100	19°10'12.61627"	82°07'55.80452"
P-609	92	19°15'16.25400"	82°05'07.03776"	P-659	100	19°09'12.59128"	82°08'23.26789"
P-610	92	19°15'20.59810"	82°05'12.13710"	P-660	100	19°09'14.15015"	82°08'16.67589"
P-611	92	19°15'20.83681"	82°05'12.40376"	P-661	100	19°09'17.00532"	82°08'10.56152"
P-612	93	19°11'34.33446"	82°03'08.88467"	P-662	100	19°09'18.75871"	82°08'07.33342"
P-613	93	19°11'38.97031"	82°03'12.07628"	P-663	101	19°09'45.68720"	82°02'51.73518"
P-614	93	19°11'45.02957"	82°03'14.56751"	P-664	101	19°09'46.10752"	82°02'44.93654"
P-615	93	19°11'51.09940"	82°03'17.03175"	P-665	101	19°09'48.13634"	82°02'38.45110"
P-616	93	19°11'36.89011"	82°02'58.94849"	P-666	101	19°09'49.69831"	82°02'31.86962"
P-617	93	19°11'35.77385"	82°03'03.35267"	P-667	101	19°09'49.69060"	82°02'25.03938"
P-618	94	19°09'57.15637"	81°58'40.29624"	P-668	101	19°09'49.53232"	82°02'18.20586"
P-619	94	19°09'53.47731"	81°58'45.94321"	P-669	101	19°09'49.51693"	82°02'11.39429"
P-620	94	19°09'49.78954"	81°58'51.58386"	P-670	101	19°09'51.60244"	82°02'04.92424"
P-621	94	19°09'49.77718"	81°58'51.60276"	P-671	101	19°09'55.21991"	82°01'59.30038"
P-622	95	19°18'26.43453"	82°09'53.36788"	P-672	101	19°10'00.88162"	82°01'55.94251"
P-623	95	19°18'20.66850"	82°09'56.12446"	P-673	101	19°10'06.39273"	82°01'52.32750"
P-624	95	19°18'15.30758"	82°09'59.79182"	P-674	101	19°10'06.49933"	82°01'46.19867"
P-625	95	19°18'13.23367"	82°10'01.47971"	P-675	101	19°10'05.22033"	82°01'39.51618"
P-626	96	19°15'20.83681"	82°05'12.40376"	P-676	101	19°10'08.45379"	82°01'34.66902"
P-627	96	19°15'26.71489"	82°05'15.33963"	P-677	101	19°09'10.21944"	82°02'44.89059"
P-628	96	19°15'32.61649"	82°05'18.22284"	P-678	101	19°09'16.59223"	82°02'46.26848"
P-629	96	19°15'38.28729"	82°05'21.58015"	P-679	101	19°09'22.97371"	82°02'47.60178"
P-630	96	19°15'44.06796"	82°05'24.72290"	P-680	101	19°09'29.32296"	82°02'49.06862"
P-631	96	19°14'59.00917"	82°05'08.65339"	P-681	101	19°09'34.99049"	82°02'51.84422"
P-632	96	19°15'05.31499"	82°05'10.28674"	P-682	102	19°09'43.04982"	82°02'51.92473"
P-633	96	19°15'11.75558"	82°05'11.25118"	P-683	102	19°09'38.70650"	82°02'52.34243"
P-634	96	19°15'18.20801"	82°05'12.12192"	P-684	102	19°09'00.17605"	82°02'42.70432"
P-635	96	19°15'20.83681"	82°05'12.40376"	P-685	102	19°09'06.54974"	82°02'44.07816"
P-636	97	19°15'15.86790"	82°09'12.04535"	P-686	102	19°09'08.00619"	82°02'44.40060"
P-637	97	19°15'13.67163"	82°09'05.65475"	P-687	103	19°07'52.33166"	82°05'15.03009"
P-638	97	19°15'11.69897"	82°08'59.22876"	P-688	103	19°07'54.23733"	82°05'09.18316"
P-639	97	19°15'07.48364"	82°08'54.06963"	P-689	103	19°07'54.30365"	82°05'02.38702"
P-640	97	19°15'02.47285"	82°08'49.96459"	P-690	103	19°07'54.90410"	82°04'56.50292"
P-641	97	19°14'51.04492"	82°08'43.12564"	P-691	104	19°08'03.95774"	82°02'14.36109"
P-642	97	19°14'43.75934"	82°08'33.22725"	P-692	104	19°08'09.76015"	82°02'17.45086"
P-643	97	19°14'39.56908"	82°08'27.98771"	P-693	104	19°08'15.51534"	82°02'20.64330"
P-644	97	19°14'31.45687"	82°08'18.20931"	P-694	104	19°08'21.31506"	82°02'23.74160"
P-645	97	19°14'26.17664"	82°08'14.20788"	P-695	104	19°08'27.12690"	82°02'26.81189"
P-646	97	19°14'24.51161"	82°08'13.43527"	P-696	104	19°08'32.87289"	82°02'30.01957"
P-647	98	19°10'36.48045"	82°09'38.59615"	P-697	104	19°08'38.28902"	82°02'33.64423"
P-648	98	19°10'32.80260"	82°09'32.94837"	P-698	104	19°08'42.42529"	82°02'38.77130"
P-649	98	19°10'29.14862"	82°09'27.29034"	P-699	104	19°08'48.76399"	82°02'40.31407"
P-650	98	19°10'28.87057"	82°09'27.20384"	P-700	104	19°08'55.13898"	82°02'41.67730"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-701	104	19°08'56.86283"	82°02'42.01214"	P-751	111	19°08'17.06994"	82°05'15.53365"
P-702	105	19°08'56.86283"	82°02'42.01214"	P-752	112	19°03'25.42492"	81°58'00.97925"
P-703	105	19°07'46.04985"	82°03'30.39967"	P-753	112	19°03'25.22986"	81°58'01.22148"
P-704	105	19°07'44.10990"	82°03'24.03334"	P-754	113	19°02'25.14079"	82°00'24.58964"
P-705	105	19°07'40.72292"	82°03'18.19278"	P-755	113	19°02'24.96725"	82°00'24.66993"
P-706	105	19°07'36.91523"	82°03'12.64329"	P-756	114	19°04'09.75672"	82°03'48.40272"
P-707	105	19°07'33.07737"	82°03'07.11995"	P-757	114	19°04'12.28442"	82°03'48.03696"
P-708	105	19°07'27.88554"	82°03'03.03965"	P-758	115	19°04'19.27901"	82°03'56.06723"
P-709	105	19°07'21.92896"	82°03'00.86487"	P-759	115	19°04'19.61104"	82°03'54.50418"
P-710	105	19°07'15.46881"	82°03'01.67158"	P-760	116	19°04'00.86555"	82°03'54.00258"
P-711	105	19°07'09.05559"	82°03'01.98927"	P-761	116	19°04'09.36799"	82°03'48.64814"
P-712	105	19°07'02.84180"	82°02'59.98016"	P-762	117	19°03'51.151955"	82°03'59.74758"
P-713	105	19°06'59.67786"	82°02'58.42212"	P-763	117	19°04'00.48002"	82°03'54.23957"
P-714	106	19°07'54.61122"	82°03'51.85212"	P-764	117	19°03'49.47093"	82°04'00.87046"
P-715	106	19°07'56.08772"	82°03'45.30933"	P-765	118	19°03'01.12724"	82°02'54.19845"
P-716	106	19°07'51.51256"	82°03'40.73985"	P-766	118	19°03'04.77311"	82°02'51.58313"
P-717	107	19°07'20.93310"	82°01'47.75496"	P-767	119	19°02'55.45356"	82°03'00.34870"
P-718	107	19°07'25.79498"	82°01'52.30140"	P-768	119	19°02'57.58097"	82°02'58.00742"
P-719	107	19°07'30.73767"	82°01'56.75245"	P-769	120	19°02'59.15346"	82°03'35.15959"
P-720	107	19°07'36.34132"	82°02'00.15802"	P-770	120	19°02'53.32384"	82°03'40.43443"
P-721	107	19°07'42.19753"	82°02'03.13975"	P-771	121	19°02'54.13220"	82°03'45.11921"
P-722	107	19°07'48.03736"	82°02'06.15726"	P-772	121	19°02'55.79436"	82°03'45.37861"
P-723	107	19°07'53.89878"	82°02'09.12788"	P-773	122	19°02'49.90652"	82°03'47.07672"
P-724	107	19°07'59.72833"	82°02'12.16708"	P-774	122	19°02'49.84727"	82°03'47.07472"
P-725	107	19°07'20.93310"	82°01'47.75496"	P-775	123	19°02'49.28255"	82°03'43.00675"
P-726	108	19°06'41.59409"	82°02'30.31939"	P-776	123	19°02'49.52829"	82°03'44.82626"
P-727	108	19°06'47.22749"	82°02'26.89934"	P-777	124	19°02'18.71955"	82°03'21.00518"
P-728	108	19°06'52.87527"	82°02'23.50584"	P-778	124	19°02'17.84047"	82°03'21.00326"
P-729	108	19°06'58.50282"	82°02'20.07143"	P-779	125	19°02'43.14401"	82°03'11.59519"
P-730	108	19°07'04.13875"	82°02'16.65182"	P-780	125	19°02'45.78453"	82°03'09.39357"
P-731	108	19°07'09.76350"	82°02'13.21197"	P-781	126	19°02'42.11594"	82°03'12.11928"
P-732	108	19°07'15.37966"	82°02'09.74929"	P-782	126	19°02'42.75725"	82°03'11.79235"
P-733	108	19°07'18.08598"	82°02'03.82052"	P-783	127	19°02'05.58719"	82°03'19.90883"
P-734	108	19°07'19.16658"	82°01'57.07154"	P-784	127	19°02'08.80857"	82°03'20.63139"
P-735	108	19°07'20.31043"	82°01'50.33361"	P-785	128	19°02'03.75161"	82°03'19.51227"
P-736	108	19°06'41.59536"	82°02'30.34033"	P-786	128	19°02'05.20472"	82°03'19.82620"
P-737	109	19°10'04.24470"	82°01'55.56905"	P-787	129	19°02'48.82969"	82°03'07.01932"
P-738	109	19°09'54.41560"	82°02'02.87657"	P-788	129	19°02'52.39607"	82°03'03.37989"
P-739	110	19°08'17.06994"	82°05'15.53365"	P-789	130	19°01'48.49571"	82°03'17.83870"
P-740	110	19°08'01.33336"	82°05'14.21216"	P-790	130	19°01'46.65109"	82°03'18.05130"
P-741	110	19°08'07.67353"	82°05'15.61371"	P-791	131	19°01'30.18611"	82°03'21.04929"
P-742	110	19°08'14.17900"	82°05'15.69947"	P-792	131	19°01'31.62614"	82°03'20.16332"
P-743	110	19°08'17.06994"	82°05'15.53365"	P-793	132	19°01'28.76605"	82°03'22.55440"
P-744	111	19°08'17.06994"	82°05'15.53365"	P-794	132	19°01'30.18611"	82°03'21.04929"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-745	111	19°08'23.53760"	82°05'14.80739"	P-795	133	19°01'25.08753"	82°03'26.71948"
P-746	111	19°08'30.03410"	82°05'14.43802"	P-796	133	19°01'28.76533"	82°03'22.55516"
P-747	111	19°08'36.32324"	82°05'15.61695"	P-797	134	19°01'14.71926"	82°03'27.24723"
P-748	111	19°08'41.74044"	82°05'19.38093"	P-798	134	19°01'15.59370"	82°03'27.40389"
P-749	111	19°08'47.18476"	82°05'23.11649"	P-799	135	19°01'29.27460"	82°00'40.32225"
P-750	111	19°08'52.56396"	82°05'26.92815"	P-800	135	19°01'28.10691"	82°00'42.56986"
P-801	136	19°01'28.10691"	82°00'42.56986"	P-851	161	19°02'43.90483"	82°00'12.21352"
P-802	136	19°01'24.43433"	82°00'43.20249"	P-852	161	19°02'43.65940"	82°00'14.80048"
P-803	137	19°01'24.56236"	82°00'46.87524"	P-853	162	19°02'42.59726"	82°00'22.40748"
P-804	137	19°01'24.57295"	82°00'48.58571"	P-854	162	19°02'42.17821"	82°00'24.12299"
P-805	138	19°05'54.56471"	81°58'43.79613"	P-855	163	19°02'26.94590"	82°00'24.48337"
P-806	138	19°05'52.83981"	81°58'43.39086"	P-856	163	19°02'22.05052"	82°00'25.31082"
P-807	139	19°05'55.53580"	81°58'44.02429"	P-857	164	19°02'27.74096"	82°00'24.37499"
P-808	139	19°05'54.56471"	81°58'43.79613"	P-858	164	19°02'27.40701"	82°00'24.42051"
P-809	140	19°06'26.70201"	81°58'36.87061"	P-859	165	19°02'17.72663"	82°00'25.09813"
P-810	140	19°06'21.05357"	81°58'36.31106"	P-860	165	19°02'14.10415"	82°00'24.51096"
P-811	141	19°06'28.66106"	81°58'54.55484"	P-861	166	19°04'40.93510"	81°57'43.37321"
P-812	141	19°06'28.90766"	81°58'54.08235"	P-862	166	19°04'35.15690"	81°57'46.26479"
P-813	142	19°06'24.24860"	81°59'01.21428"	P-863	167	19°04'40.26774"	81°57'17.40754"
P-814	142	19°06'28.66106"	81°58'54.55484"	P-864	167	19°04'47.35038"	81°57'21.19955"
P-815	143	19°06'10.45117"	81°58'35.83356"	P-865	168	19°04'31.19159"	81°57'12.27727"
P-816	143	19°06'10.13357"	81°58'36.46181"	P-866	168	19°04'31.71480"	81°57'12.61557"
P-817	144	19°06'05.60504"	81°58'46.39008"	P-867	169	19°04'29.47071"	82°05'22.11939"
P-818	144	19°05'56.16585"	81°58'44.17232"	P-868	169	19°04'29.67739"	82°05'23.32717"
P-819	145	19°01'02.21294"	82°01'16.55946"	P-869	170	19°04'26.25329"	82°05'07.25504"
P-820	145	19°01'02.11893"	82°01'17.88639"	P-870	170	19°04'27.04895"	82°05'10.75157"
P-821	146	19°07'39.45719"	81°59'46.57647"	P-871	171	19°04'43.18232"	82°05'07.40241"
P-822	146	19°07'39.72634"	81°59'45.74088"	P-872	171	19°04'43.73119"	82°05'05.39158"
P-823	147	19°07'41.21889"	81°59'39.61445"	P-873	172	19°05'14.06668"	82°04'45.77561"
P-824	147	19°07'41.22355"	81°59'36.77069"	P-874	172	19°05'13.77460"	82°04'47.53732"
P-825	148	19°07'41.40554"	81°59'33.47241"	P-875	173	19°04'12.89165"	82°03'53.99026"
P-826	148	19°07'41.78516"	81°59'31.17001"	P-876	173	19°04'12.72670"	82°03'55.94852"
P-827	149	19°07'41.78516"	81°59'31.17001"	P-877	174	19°04'12.99833"	82°03'52.72381"
P-828	149	19°07'43.48267"	81°59'25.40790"	P-878	174	19°04'12.89165"	82°03'53.99026"
P-829	150	19°07'48.69854"	81°59'18.70608"	P-879	175	19°04'20.28392"	82°09'42.22331"
P-830	150	19°07'49.01085"	81°59'18.03030"	P-880	175	19°04'21.46870"	82°09'40.35226"
P-831	151	19°07'38.44283"	81°59'59.92187"	P-881	176	19°04'15.33148"	82°09'49.88482"
P-832	151	19°07'38.45618"	81°59'59.36386"	P-882	176	19°04'18.12935"	82°09'46.25680"
P-833	152	19°07'38.81882"	82°00'00.73113"	P-883	177	19°04'12.70697"	82°09'51.82045"
P-834	152	19°07'38.44283"	81°59'59.92187"	P-884	177	19°04'14.20478"	82°09'50.71579"
P-835	153	19°03'33.28616"	81°57'44.93982"	P-885	178	19°04'23.67775"	82°09'38.81902"
P-836	153	19°03'28.64941"	81°57'54.36600"	P-886	178	19°04'26.57459"	82°09'36.80841"
P-837	154	19°03'28.64941"	81°57'54.36600"	P-887	179	19°04'49.98589"	82°05'07.38157"
P-838	154	19°03'25.14889"	81°58'01.37324"	P-888	179	19°04'43.55969"	82°05'07.56498"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-839	155	19°03'25.08135"	81°58'01.52541"	P-889	180	19°07'28.99313"	82°08'32.79293"
P-840	155	19°03'23.78568"	81°58'04.44444"	P-890	180	19°07'29.60831"	82°08'28.88545"
P-841	156	19°03'14.21052"	81°59'02.33423"	P-891	181	19°07'25.99653"	82°08'51.03850"
P-842	156	19°03'13.98836"	81°59'02.84088"	P-892	181	19°07'27.68098"	82°08'48.94095"
P-843	157	19°03'12.84201"	81°58'56.62061"	P-893	182	19°04'18.69263"	82°11'10.18185"
P-844	157	19°03'14.03253"	81°58'58.13021"	P-894	182	19°04'19.14210"	82°11'15.43520"
P-845	158	19°02'50.08156"	81°59'30.90413"	P-895	183	19°04'56.12310"	82°10'46.69731"
P-846	158	19°02'49.53415"	81°59'32.01174"	P-896	183	19°04'55.43561"	82°10'57.19282"
P-847	159	19°02'44.12787"	82°00'01.52112"	P-897	183	19°04'56.04735"	82°10'46.23664"
P-848	159	19°02'44.20390"	82°00'03.53361"	P-898	184	19°04'51.40022"	82°10'32.70833"
P-849	160	19°02'44.20390"	82°00'03.53361"	P-899	184	19°04'54.81729"	82°10'42.65579"
P-850	160	19°02'44.29346"	82°00'05.90428"	P-900	184	19°04'55.62170"	82°10'44.99752"
P-901	185	19°04'20.15271"	82°11'55.83167"	P-951	209	19°06'36.42008"	82°05'11.91001"
P-902	185	19°04'21.32306"	82°11'56.98162"	P-952	209	19°06'37.01377"	82°05'11.13654"
P-903	186	19°04'32.59143"	82°12'09.25713"	P-953	210	19°06'20.16841"	82°05'15.39838"
P-904	186	19°04'36.02460"	82°12'13.62039"	P-954	210	19°06'21.16929"	82°05'16.55065"
P-905	187	19°04'21.32306"	82°11'56.98162"	P-955	211	19°06'18.54011"	82°06'27.24578"
P-906	187	19°04'23.47936"	82°11'59.14925"	P-956	211	19°06'07.99581"	82°06'24.32287"
P-907	188	19°04'25.39314"	82°12'01.07309"	P-957	212	19°06'20.35843"	82°06'28.05985"
P-908	188	19°04'31.33723"	82°12'07.66315"	P-958	212	19°06'18.54011"	82°06'27.24578"
P-909	189	19°04'23.47936"	82°11'59.14925"	P-959	213	19°06'22.71970"	82°06'29.11701"
P-910	189	19°04'25.39314"	82°12'01.07309"	P-960	213	19°06'20.68885"	82°06'28.20779"
P-911	190	19°04'53.93703"	82°12'34.63943"	P-961	214	19°06'26.81687"	82°06'28.36915"
P-912	190	19°04'54.90725"	82°12'38.29508"	P-962	214	19°06'22.71970"	82°06'29.11701"
P-913	191	19°04'51.23927"	82°12'31.27609"	P-963	215	19°05'49.54963"	82°06'15.25286"
P-914	191	19°04'53.93703"	82°12'34.63943"	P-964	215	19°05'46.57685"	82°06'13.70539"
P-915	192	19°04'36.02460"	82°12'13.62039"	P-965	216	19°05'43.75283"	82°06'12.57676"
P-916	192	19°04'42.40800"	82°12'21.97982"	P-966	216	19°05'43.41316"	82°06'12.45553"
P-917	192	19°04'49.67905"	82°12'29.56289"	P-967	217	19°06'41.39584"	82°04'15.28140"
P-918	192	19°04'51.23927"	82°12'31.27609"	P-968	217	19°06'35.26564"	82°04'07.93332"
P-919	193	19°04'56.68653"	82°12'41.66435"	P-969	218	19°06'52.99701"	82°04'25.69579"
P-920	193	19°04'56.41728"	82°12'41.27093"	P-970	218	19°06'49.58908"	82°04'23.16247"
P-921	194	19°05'00.84755"	82°12'46.79763"	P-971	219	19°06'57.56031"	82°04'28.77462"
P-922	194	19°05'01.77955"	82°12'47.83161"	P-972	219	19°06'52.99701"	82°04'25.69579"
P-923	195	19°04'59.12724"	82°12'44.93950"	P-973	220	19°07'03.29593"	82°04'35.50514"
P-924	195	19°04'59.99127"	82°12'45.88236"	P-974	220	19°07'04.07914"	82°04'35.23872"
P-925	196	19°05'46.60112"	82°03'43.09533"	P-975	221	19°06'53.76701"	82°04'54.47573"
P-926	196	19°05'46.59233"	82°03'43.43480"	P-976	221	19°06'54.42624"	82°04'53.03075"
P-927	197	19°05'17.27658"	82°04'32.52390"	P-977	222	19°06'54.76312"	82°04'51.87686"
P-928	197	19°05'16.33150"	82°04'35.42597"	P-978	222	19°06'54.96013"	82°04'50.98121"
P-929	198	19°05'20.86207"	82°04'23.63070"	P-979	223	19°06'55.44331"	82°04'47.46247"
P-930	198	19°05'18.72778"	82°04'28.06767"	P-980	223	19°06'55.55244"	82°04'46.56384"
P-931	199	19°05'30.94495"	82°04'02.92412"	P-981	224	19°04'37.65790"	82°06'34.87957"
P-932	199	19°05'28.59690"	82°04'09.73063"	P-982	224	19°04'38.59947"	82°06'34.71992"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-933	200	19°05'57.17031"	82°03'24.38301"	P-983	225	19°04'38.59947"	82°06'34.71992"
P-934	200	19°05'55.89655"	82°03'25.01343"	P-984	225	19°04'40.35396"	82°06'34.42243"
P-935	201	19°05'55.89655"	82°03'25.01343"	P-985	226	19°06'40.75567"	82°11'59.14030"
P-936	201	19°05'55.23692"	82°03'25.33990"	P-986	226	19°06'42.24512"	82°12'00.32022"
P-937	202	19°04'52.52315"	82°04'18.90931"	P-987	227	19°06'39.15361"	82°11'52.72457"
P-938	202	19°04'55.08543"	82°04'09.20358"	P-988	227	19°06'39.96373"	82°11'55.23745"
P-939	203	19°04'55.08619"	82°04'09.20122"	P-989	228	19°06'45.32855"	82°12'02.15396"
P-940	203	19°04'56.88077"	82°04'01.02361"	P-990	228	19°06'49.94966"	82°12'04.97832"
P-941	204	19°03'11.44108"	82°09'56.48847"	P-991	229	19°06'51.05685"	82°12'06.30742"
P-942	204	19°03'16.78274"	82°09'55.95216"	P-992	229	19°06'53.90336"	82°12'09.25858"
P-943	205	19°06'49.01446"	82°05'01.73648"	P-993	230	19°06'55.95435"	82°12'11.08605"
P-944	205	19°06'50.76680"	82°04'59.37302"	P-994	230	19°07'00.25140"	82°12'13.55666"
P-945	206	19°06'33.94529"	82°05'15.13420"	P-995	231	19°07'07.40598"	82°12'19.92830"
P-946	206	19°06'36.12924"	82°05'12.28892"	P-996	231	19°07'07.35798"	82°12'20.35191"
P-947	207	19°06'40.93684"	82°05'09.54200"	P-997	232	19°05'27.53922"	82°08'03.91325"
P-948	207	19°06'43.06797"	82°05'08.27985"	P-998	232	19°05'27.29723"	82°08'06.70420"
P-949	208	19°06'39.32821"	82°05'10.41063"	P-999	233	19°05'31.19615"	82°08'25.23079"
P-950	208	19°06'37.71072"	82°05'10.91377"	P-1000	233	19°05'32.13303"	82°08'26.78888"
P-1001	234	19°05'28.15988"	82°07'58.43941"	P-1051	257	18°57'56.19880"	82°03'43.94212"
P-1002	234	19°05'27.53922"	82°08'03.91325"	P-1052	258	18°57'52.96649"	82°03'19.53670"
P-1003	235	19°05'28.32779"	82°07'56.99201"	P-1053	258	18°57'51.11822"	82°03'16.18664"
P-1004	235	19°05'28.15988"	82°07'58.43941"	P-1054	259	18°58'08.39301"	82°03'38.96594"
P-1005	236	19°05'29.49944"	82°07'46.89478"	P-1055	259	18°58'08.59008"	82°03'38.76108"
P-1006	236	19°05'29.33497"	82°07'48.31219"	P-1056	260	18°58'07.71525"	82°03'40.50272"
P-1007	237	19°05'29.10708"	82°07'50.27620"	P-1057	260	18°58'08.16803"	82°03'39.36818"
P-1008	237	19°05'28.96927"	82°07'51.46377"	P-1058	261	18°58'07.46696"	82°03'41.27425"
P-1009	238	19°05'26.91020"	82°08'11.16798"	P-1059	261	18°58'07.71525"	82°03'40.50272"
P-1010	238	19°05'26.79678"	82°08'12.47613"	P-1060	262	18°58'07.31447"	82°03'41.71944"
P-1011	239	19°05'27.10573"	82°08'15.07464"	P-1061	262	18°58'07.46696"	82°03'41.27425"
P-1012	239	19°05'27.17618"	82°08'15.39000"	P-1062	263	18°57'46.03452"	82°03'50.66600"
P-1013	240	19°05'27.17618"	82°08'15.39000"	P-1063	263	18°57'50.48596"	82°03'45.10426"
P-1014	240	19°05'27.37052"	82°08'16.25988"	P-1064	264	18°57'45.07253"	82°03'52.00149"
P-1015	241	19°05'27.42656"	82°08'16.51076"	P-1065	264	18°57'45.54785"	82°03'51.34162"
P-1016	241	19°05'27.71014"	82°08'17.78011"	P-1066	265	18°57'42.61221"	82°03'55.41707"
P-1017	242	19°03'20.84973"	82°00'49.83827"	P-1067	265	18°57'43.18162"	82°03'54.62658"
P-1018	242	19°03'13.00035"	82°00'51.19791"	P-1068	266	18°57'38.05588"	82°04'01.74248"
P-1019	242	19°03'15.02339"	82°00'47.39796"	P-1069	266	18°57'39.34698"	82°03'59.95008"
P-1020	243	19°04'19.56788"	82°03'54.47410"	P-1070	267	18°57'41.90522"	82°03'56.39856"
P-1021	243	19°04'18.95268"	82°03'56.54447"	P-1071	267	18°57'42.61221"	82°03'55.41707"
P-1022	244	19°04'12.18853"	82°03'48.41921"	P-1072	268	18°57'40.01602"	82°03'59.02128"
P-1023	244	19°04'02.90071"	82°03'52.86038"	P-1073	268	18°57'41.45284"	82°03'57.02659"
P-1024	244	19°04'00.91646"	82°03'54.06113"	P-1074	269	18°57'39.34698"	82°03'59.95008"
P-1025	245	19°04'00.91518"	82°03'54.06191"	P-1075	269	18°57'40.01602"	82°03'59.02128"
P-1026	245	19°03'51.91654"	82°03'59.50734"	P-1076	270	18°58'28.36889"	81°59'13.30219"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-1027	245	19°03'46.35508"	82°04'01.14367"	P-1077	270	18°58'31.99939"	81°59'14.09187"
P-1028	246	18°56'44.96187"	81°57'28.32548"	P-1078	271	18°58'32.37733"	81°59'14.48871"
P-1029	246	18°56'49.47667"	81°57'30.09423"	P-1079	271	18°58'39.31404"	81°59'22.10827"
P-1030	247	18°56'33.29280"	81°57'42.77947"	P-1080	272	18°58'47.54931"	81°59'31.90641"
P-1031	247	18°56'33.22296"	81°57'35.35572"	P-1081	272	18°58'51.16419"	81°59'36.20731"
P-1032	248	18°54'07.92100"	82°03'12.65483"	P-1082	273	18°58'54.67684"	81°59'41.28973"
P-1033	248	18°54'05.82790"	82°03'14.45169"	P-1083	273	18°59'01.02076"	81°59'49.67370"
P-1034	249	18°54'02.49116"	82°03'16.58350"	P-1084	273	18°59'04.54584"	81°59'54.16797"
P-1035	249	18°53'56.64682"	82°03'21.92586"	P-1085	274	18°59'07.01198"	81°59'56.91229"
P-1036	250	18°53'42.91281"	82°03'17.08535"	P-1086	274	18°59'11.11398"	82°00'01.47397"
P-1037	250	18°53'42.04832"	82°03'09.00701"	P-1087	275	18°59'11.79911"	82°00'02.23587"
P-1038	251	18°53'56.45412"	82°03'22.09912"	P-1088	275	18°59'12.90384"	82°00'03.46440"
P-1039	251	18°53'53.32635"	82°03'22.85022"	P-1089	276	18°59'16.34893"	82°00'07.29555"
P-1040	252	18°59'52.16524"	82°04'24.07633"	P-1090	276	18°59'16.68596"	82°00'07.67035"
P-1041	252	18°59'49.35238"	82°04'24.20762"	P-1091	277	18°59'21.70582"	82°00'13.18033"
P-1042	253	18°59'49.35238"	82°04'24.20762"	P-1092	277	18°59'21.18376"	82°00'15.44877"
P-1043	253	18°59'45.86676"	82°04'25.47175"	P-1093	278	18°59'21.18000"	82°00'15.46512"
P-1044	254	18°59'44.15558"	82°04'26.19079"	P-1094	278	18°59'18.06316"	82°00'25.51027"
P-1045	254	18°59'42.10316"	82°04'26.47348"	P-1095	278	18°59'17.77481"	82°00'26.43622"
P-1046	255	18°58'02.29767"	82°03'44.45319"	P-1096	279	18°58'35.28763"	81°58'16.77896"
P-1047	255	18°58'03.02496"	82°03'44.51767"	P-1097	279	18°58'39.11963"	81°58'19.71362"
P-1048	256	18°58'01.43864"	82°03'44.37703"	P-1098	280	18°58'36.11465"	81°58'25.26249"
P-1049	256	18°58'02.29767"	82°03'44.45319"	P-1099	280	18°58'32.36143"	81°58'34.67100"
P-1050	257	18°57'52.25683"	82°03'44.04957"	P-1100	280	18°58'31.92377"	81°58'40.30060"
P-1101	281	18°58'29.43728"	81°58'49.65730"	P-1151	305	18°55'43.07878"	82°01'55.88037"
P-1102	281	18°58'26.30334"	81°58'56.36530"	P-1152	306	18°55'05.91671"	82°01'47.04939"
P-1103	282	18°58'31.44416"	81°58'42.57519"	P-1153	306	18°55'05.55162"	82°01'46.44069"
P-1104	282	18°58'30.57719"	81°58'46.70690"	P-1154	307	18°54'37.73518"	82°02'22.56207"
P-1105	283	18°58'22.16847"	81°59'02.28466"	P-1155	307	18°54'36.85667"	82°02'23.36510"
P-1106	283	18°58'21.54266"	81°59'03.05409"	P-1156	308	18°54'50.01643"	82°02'15.56836"
P-1107	284	18°58'20.92095"	81°59'04.56384"	P-1157	308	18°54'49.71428"	82°02'16.02000"
P-1108	284	18°58'20.77194"	81°59'05.45687"	P-1158	309	18°54'51.71632"	82°02'14.93217"
P-1109	285	18°58'20.49000"	81°59'07.80840"	P-1159	309	18°54'50.01643"	82°02'15.56836"
P-1110	285	18°58'20.35237"	81°59'09.35977"	P-1160	310	18°54'53.56111"	82°02'14.89146"
P-1111	286	19°01'10.39976"	82°01'28.29558"	P-1161	310	18°54'51.71632"	82°02'14.93217"
P-1112	286	19°01'12.26450"	82°01'27.07772"	P-1162	311	18°54'55.74362"	82°02'14.68443"
P-1113	287	19°00'12.08331"	82°01'29.31605"	P-1163	311	18°54'53.56111"	82°02'14.89146"
P-1114	287	19°00'16.70498"	82°01'29.07609"	P-1164	312	18°54'49.71428"	82°02'16.02000"
P-1115	288	18°57'34.38033"	82°04'06.84514"	P-1165	312	18°54'41.15486"	82°02'20.42289"
P-1116	288	18°57'36.90234"	82°04'03.34391"	P-1166	312	18°54'40.92619"	82°02'20.56395"
P-1117	289	18°57'32.38570"	82°04'09.37914"	P-1167	313	18°55'05.35629"	82°02'12.26911"
P-1118	289	18°57'34.38026"	82°04'06.84522"	P-1168	313	18°55'00.71101"	82°02'13.19688"
P-1119	290	18°57'26.65767"	82°04'16.47604"	P-1169	314	18°55'05.16737"	82°01'41.95169"
P-1120	290	18°57'28.20007"	82°04'14.56505"	P-1170	314	18°55'03.89710"	82°01'43.33496"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-1121	291	18°57'09.01128"	82°04'53.27235"	P-1171	315	18°55'43.07878"	82°01'55.88037"
P-1122	291	18°57'11.33074"	82°04'43.03754"	P-1172	315	18°55'42.74266"	82°01'55.80910"
P-1123	291	18°57'07.88082"	82°04'56.06749"	P-1173	316	18°55'04.11486"	82°01'36.68509"
P-1124	292	18°57'12.16630"	82°05'03.66071"	P-1174	316	18°55'05.96426"	82°01'30.34625"
P-1125	292	18°57'08.57037"	82°05'01.24250"	P-1175	317	18°56'39.62557"	82°02'32.67949"
P-1126	293	18°57'03.80779"	81°59'28.71457"	P-1176	317	18°56'39.26569"	82°02'33.19536"
P-1127	293	18°57'04.40030"	81°59'25.82993"	P-1177	318	18°56'41.20167"	82°02'30.42022"
P-1128	294	18°57'06.42534"	81°59'36.34299"	P-1178	318	18°56'40.39588"	82°02'31.57530"
P-1129	294	18°57'03.80077"	81°59'34.74330"	P-1179	319	18°56'43.00275"	82°02'31.30820"
P-1130	295	18°57'08.97015"	81°59'37.71459"	P-1180	319	18°56'42.30396"	82°02'30.54999"
P-1131	295	18°57'06.58737"	81°59'36.45709"	P-1181	320	18°56'44.09080"	82°02'32.40870"
P-1132	296	18°57'06.38036"	81°59'43.75529"	P-1182	320	18°56'43.31095"	82°02'31.61993"
P-1133	296	18°57'09.14533"	81°59'37.96459"	P-1183	321	18°56'50.61494"	82°02'40.24506"
P-1134	297	18°57'04.75668"	81°59'46.25259"	P-1184	321	18°56'48.52531"	82°02'36.57987"
P-1135	297	18°57'06.38036"	81°59'43.75529"	P-1185	322	18°56'34.75977"	82°02'37.43273"
P-1136	298	18°56'57.87025"	82°00'06.76505"	P-1186	322	18°56'33.02277"	82°02'35.30433"
P-1137	298	18°56'58.62742"	82°00'04.47826"	P-1187	323	18°53'34.48307"	82°01'28.29882"
P-1138	299	18°57'03.65661"	81°59'49.28929"	P-1188	323	18°53'34.48307"	82°01'28.29882"
P-1139	299	18°57'04.52110"	81°59'46.70892"	P-1189	324	18°53'30.40882"	82°01'38.28943"
P-1140	300	18°57'02.11510"	81°59'53.94488"	P-1190	324	18°53'32.04005"	82°01'32.99365"
P-1141	300	18°57'03.55834"	81°59'49.58607"	P-1191	325	18°53'26.92163"	82°01'44.37067"
P-1142	301	18°55'16.03893"	82°02'07.67880"	P-1192	325	18°53'30.40882"	82°01'38.28943"
P-1143	301	18°55'15.59967"	82°02'07.89702"	P-1193	326	18°53'24.71388"	82°02'02.33959"
P-1144	302	18°55'30.72030"	82°01'56.78329"	P-1194	326	18°53'22.83655"	82°01'57.19984"
P-1145	302	18°55'24.66092"	82°02'02.00988"	P-1195	327	18°53'22.90272"	82°01'55.57508"
P-1146	303	18°55'29.85541"	82°01'57.47340"	P-1196	327	18°53'23.68960"	82°01'47.88069"
P-1147	303	18°55'29.27858"	82°01'58.24629"	P-1197	328	18°53'27.88751"	82°02'04.77721"
P-1148	304	18°55'34.52303"	82°01'56.69543"	P-1198	328	18°53'26.26848"	82°02'03.56614"
P-1149	304	18°55'30.72030"	82°01'56.78329"	P-1199	329	18°53'26.98558"	82°02'07.08383"
P-1150	305	18°55'45.01195"	82°01'56.29023"	P-1200	329	18°53'27.89897"	82°02'05.23381"
P-1201	330	18°53'29.43094"	82°02'16.53946"	P-1251	354	19°02'01.73314"	82°01'07.83670"
P-1202	330	18°53'24.32867"	82°02'13.82770"	P-1252	355	19°01'54.84171"	82°01'06.89058"
P-1203	331	18°53'23.88035"	82°02'13.40532"	P-1253	355	19°01'59.23495"	82°01'07.57506"
P-1204	331	18°53'23.77888"	82°02'13.59396"	P-1254	356	18°59'03.74119"	82°04'35.85418"
P-1205	332	18°53'23.62930"	82°02'14.66583"	P-1255	356	18°59'02.27358"	82°04'36.02653"
P-1206	332	18°53'23.51409"	82°02'14.10920"	P-1256	357	18°58'30.95337"	82°04'48.89032"
P-1207	333	18°53'39.26458"	82°02'25.90269"	P-1257	357	18°58'27.94329"	82°04'48.87786"
P-1208	333	18°53'33.95536"	82°02'20.30017"	P-1258	358	18°58'25.37386"	82°04'48.99394"
P-1209	334	18°53'43.24463"	82°02'34.22920"	P-1259	358	18°58'24.14256"	82°04'49.42081"
P-1210	334	18°53'42.48037"	82°02'32.34737"	P-1260	359	18°57'05.56459"	82°03'06.03302"
P-1211	335	18°53'33.15889"	82°02'19.88823"	P-1261	359	18°57'04.04789"	82°03'02.88172"
P-1212	335	18°53'31.67913"	82°02'19.12290"	P-1262	360	18°57'03.93342"	82°03'02.69430"
P-1213	336	18°53'34.94217"	82°02'52.84172"	P-1263	360	18°57'01.26858"	82°02'59.27609"
P-1214	336	18°53'35.15764"	82°02'52.51409"	P-1264	361	18°56'57.44636"	82°02'54.22424"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-1215	337	18°53'36.07825"	82°02'49.89911"	P-1265	361	18°56'56.75025"	82°02'52.25892"
P-1216	337	18°53'36.30847"	82°02'47.50842"	P-1266	362	18°57'01.26858"	82°02'59.27609"
P-1217	338	18°53'36.30847"	82°02'47.50842"	P-1267	362	18°56'59.72923"	82°02'57.67943"
P-1218	338	18°53'36.07825"	82°02'49.89911"	P-1268	363	18°56'59.72923"	82°02'57.67943"
P-1219	339	18°53'41.85148"	82°03'07.99688"	P-1269	363	18°56'58.18794"	82°02'56.08074"
P-1220	339	18°53'35.75375"	82°02'59.78703"	P-1270	364	18°56'58.08610"	82°02'55.97511"
P-1221	339	18°53'35.84401"	82°02'58.12063"	P-1271	364	18°56'57.44636"	82°02'54.22424"
P-1222	340	18°53'35.03681"	82°02'56.87369"	P-1272	365	18°57'05.77833"	82°03'06.94289"
P-1223	340	18°53'33.66172"	82°02'55.65906"	P-1273	365	18°57'05.64862"	82°03'06.39071"
P-1224	341	18°53'41.49183"	82°02'29.64259"	P-1274	366	18°57'08.23625"	82°03'10.65528"
P-1225	341	18°53'40.82889"	82°02'27.58022"	P-1275	366	18°57'08.05330"	82°03'10.41239"
P-1226	342	19°02'58.51943"	82°01'31.81949"	P-1276	367	18°57'12.52537"	82°03'08.70136"
P-1227	342	19°02'59.30666"	82°01'31.48963"	P-1277	367	18°57'10.82074"	82°03'09.32117"
P-1228	343	19°02'52.74633"	82°01'33.54417"	P-1278	368	18°57'10.82074"	82°03'09.32117"
P-1229	343	19°02'52.93284"	82°01'33.36573"	P-1279	368	18°57'08.89856"	82°03'10.41636"
P-1230	344	19°02'59.35149"	82°01'47.48888"	P-1280	369	18°57'17.08101"	82°03'07.27290"
P-1231	344	19°03'00.44974"	82°01'45.50342"	P-1281	369	18°57'15.88598"	82°03'07.84276"
P-1232	345	19°02'57.85164"	82°01'49.33178"	P-1282	370	18°57'25.89095"	82°02'58.64284"
P-1233	345	19°02'59.01700"	82°01'47.93247"	P-1283	370	18°57'25.27104"	82°02'59.32391"
P-1234	346	19°02'41.68369"	82°01'53.22378"	P-1284	371	18°57'49.04451"	82°03'11.69147"
P-1235	346	19°02'44.10002"	82°01'54.53186"	P-1285	371	18°57'47.72010"	82°03'09.89700"
P-1236	347	19°02'46.81441"	82°01'53.74338"	P-1286	372	18°57'51.10274"	82°03'16.15311"
P-1237	347	19°02'48.70961"	82°01'53.06538"	P-1287	372	18°57'49.04451"	82°03'11.69147"
P-1238	348	19°02'25.28661"	82°01'35.82103"	P-1288	373	18°58'22.23287"	81°58'14.04207"
P-1239	348	19°02'27.31013"	82°01'37.97890"	P-1289	373	18°58'28.29930"	81°58'13.83395"
P-1240	349	19°02'24.32752"	82°01'34.79827"	P-1290	374	18°58'11.61206"	81°58'15.53231"
P-1241	349	19°02'25.28661"	82°01'35.82103"	P-1291	374	18°58'11.61206"	81°58'15.53231"
P-1242	350	19°02'10.00136"	82°01'23.76079"	P-1292	375	18°58'05.70659"	81°58'00.70152"
P-1243	350	19°02'10.50280"	82°01'24.32284"	P-1293	375	18°58'07.05887"	81°58'01.38004"
P-1244	351	19°02'06.55853"	82°01'19.17940"	P-1294	376	18°58'04.66077"	81°58'00.17677"
P-1245	351	19°02'09.86811"	82°01'23.60941"	P-1295	376	18°58'04.66077"	81°58'00.17677"
P-1246	352	19°02'06.10971"	82°01'08.89130"	P-1296	377	18°57'49.68164"	81°57'53.34141"
P-1247	352	19°02'05.60628"	82°01'13.33494"	P-1297	377	18°57'51.03622"	81°57'53.89357"
P-1248	353	19°02'02.84713"	82°01'07.95338"	P-1298	378	18°57'40.66262"	81°57'51.14127"
P-1249	353	19°02'05.74512"	82°01'08.25689"	P-1299	378	18°57'39.80170"	81°57'51.09123"
P-1250	354	19°01'59.23495"	82°01'07.57506"	P-1300	379	18°57'39.34828"	81°57'52.53145"
P-1301	379	18°57'39.57403"	81°57'52.78966"	P-1351	402	19°18'54.57434"	82°09'38.01893"
P-1302	380	18°59'04.80405"	82°01'09.50003"	P-1352	403	19°19'02.09097"	82°09'31.62989"
P-1303	380	18°59'04.64271"	82°01'09.95953"	P-1353	403	19°18'58.55274"	82°09'33.95308"
P-1304	381	18°59'07.91779"	82°01'00.68971"	P-1354	404	19°18'08.58338"	82°10'04.13577"
P-1305	381	18°59'06.95385"	82°01'03.49261"	P-1355	404	19°18'02.11898"	82°10'04.28288"
P-1306	382	18°59'08.90059"	82°00'57.63670"	P-1356	405	19°18'11.50409"	82°10'02.37318"
P-1307	382	18°59'08.68312"	82°00'58.46433"	P-1357	405	19°18'08.59911"	82°10'04.13249"
P-1308	383	18°53'10.39901"	82°01'08.38729"	P-1358	406	19°18'12.37471"	82°10'01.91349"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-1309	383	18°53'16.46123"	82°01'10.04972"	P-1359	406	19°18'11.50409"	82°10'02.37318"
P-1310	384	18°53'35.79787"	82°01'26.65968"	P-1360	407	19°18'27.26903"	82°09'52.78510"
P-1311	384	18°53'21.65888"	82°01'09.74319"	P-1361	407	19°18'26.45227"	82°09'53.38323"
P-1312	384	18°53'31.84617"	82°01'11.54846"	P-1362	408	19°17'57.19542"	82°10'02.97920"
P-1313	384	18°53'33.98909"	82°01'12.95422"	P-1363	408	19°17'55.29295"	82°10'01.62241"
P-1314	385	18°53'31.08206"	82°01'35.11667"	P-1364	409	19°24'30.43937"	82°01'19.28709"
P-1315	385	18°53'30.16889"	82°01'38.15613"	P-1365	409	19°24'30.85472"	82°01'18.63745"
P-1316	386	18°53'30.16889"	82°01'38.15613"	P-1366	410	19°24'30.85472"	82°01'18.63745"
P-1317	386	18°53'27.25964"	82°01'43.58093"	P-1367	410	19°24'31.57140"	82°01'17.50919"
P-1318	387	18°53'26.64116"	82°01'44.10135"	P-1368	411	19°24'31.57140"	82°01'17.50919"
P-1319	387	18°53'26.29603"	82°01'44.37942"	P-1369	411	19°24'32.32303"	82°01'16.30979"
P-1320	388	18°53'22.89699"	82°01'59.91181"	P-1370	412	19°24'32.32303"	82°01'16.30979"
P-1321	388	18°53'22.84512"	82°01'59.58592"	P-1371	412	19°24'33.17628"	82°01'14.95375"
P-1322	389	18°53'23.46898"	82°01'47.06999"	P-1372	413	19°24'13.11904"	82°00'56.46165"
P-1323	389	18°53'22.40465"	82°01'56.81879"	P-1373	413	19°24'14.01381"	82°00'52.39507"
P-1324	390	18°53'27.45536"	82°02'04.43077"	P-1374	414	19°23'31.00576"	82°00'12.97326"
P-1325	390	18°53'27.45536"	82°02'04.43077"	P-1375	414	19°23'33.05861"	82°00'03.50880"
P-1326	391	18°53'27.98370"	82°02'05.29832"	P-1376	414	19°23'33.60464"	81°59'59.68680"
P-1327	391	18°53'26.95960"	82°02'07.68103"	P-1377	415	19°23'33.66033"	81°59'58.57753"
P-1328	392	18°53'24.23758"	82°02'12.74124"	P-1378	415	19°23'33.96563"	81°59'55.26259"
P-1329	392	18°53'23.77888"	82°02'13.59396"	P-1379	416	19°24'09.41169"	82°00'50.24791"
P-1330	393	18°58'32.52407"	82°02'47.32674"	P-1380	416	19°24'08.39381"	82°00'50.23091"
P-1331	393	18°58'31.21786"	82°02'45.77148"	P-1381	417	19°24'08.38187"	82°00'50.23182"
P-1332	394	18°57'05.85809"	82°01'05.07476"	P-1382	417	19°24'06.53339"	82°00'50.35727"
P-1333	394	18°57'08.22878"	82°01'00.57575"	P-1383	418	19°24'06.15682"	82°00'50.37836"
P-1334	395	18°57'03.84758"	82°01'11.64494"	P-1384	418	19°24'01.24191"	82°00'50.43402"
P-1335	395	18°57'04.08095"	82°01'10.57683"	P-1385	419	19°24'01.20157"	82°00'50.42760"
P-1336	396	18°57'15.76320"	82°01'55.84347"	P-1386	419	19°23'59.74287"	82°00'50.20827"
P-1337	396	18°57'14.42827"	82°01'54.15662"	P-1387	420	19°22'53.11965"	82°04'19.51274"
P-1338	397	18°57'14.42827"	82°01'54.15662"	P-1388	420	19°22'53.11965"	82°04'19.51274"
P-1339	397	18°57'12.81173"	82°01'52.10997"	P-1389	421	19°24'15.22375"	82°02'10.24826"
P-1340	398	18°59'26.12169"	82°03'11.30018"	P-1390	421	19°24'15.80676"	82°02'09.47185"
P-1341	398	18°59'23.19260"	82°03'13.54678"	P-1391	422	19°24'17.00453"	82°02'09.03355"
P-1342	399	18°59'25.96407"	82°03'10.79643"	P-1392	422	19°24'16.21643"	82°02'08.92630"
P-1343	399	18°59'25.31932"	82°03'09.39205"	P-1393	423	19°24'20.61115"	82°01'54.60313"
P-1344	399	18°59'25.82337"	82°03'10.86221"	P-1394	423	19°24'20.97043"	82°01'48.33549"
P-1345	400	19°19'08.08931"	82°09'51.00195"	P-1395	424	19°24'20.97043"	82°01'48.33549"
P-1346	400	19°19'05.99659"	82°09'47.38439"	P-1396	424	19°24'21.19954"	82°01'46.41476"
P-1347	401	19°19'05.88403"	82°09'47.04468"	P-1397	425	19°24'21.86233"	82°01'42.49743"
P-1348	401	19°19'03.13538"	82°09'36.89707"	P-1398	425	19°24'22.91087"	82°01'39.44768"
P-1349	401	19°19'02.11067"	82°09'31.88774"	P-1399	426	19°23'55.22673"	82°02'42.50819"
P-1350	402	19°18'56.74858"	82°09'35.80601"	P-1400	426	19°24'01.16321"	82°02'34.13006"
P-1401	427	19°23'48.44087"	82°02'56.57845"	P-1451	451	19°17'24.32716"	82°09'36.83749"
P-1402	427	19°23'53.31880"	82°02'47.29753"	P-1452	451	19°17'19.04468"	82°09'38.98112"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-1403	427	19°23'55.05556"	82°02'43.04491"	P-1453	452	19°16'58.64171"	82°09'36.49249"
P-1404	428	19°20'04.00539"	82°09'33.18336"	P-1454	452	19°16'52.56039"	82°09'32.78414"
P-1405	428	19°20'02.66412"	82°09'32.97973"	P-1455	453	19°21'17.90968"	82°07'45.01830"
P-1406	429	19°19'30.14419"	82°09'47.41633"	P-1456	453	19°21'17.85570"	82°07'45.16488"
P-1407	429	19°19'28.41865"	82°09'49.76912"	P-1457	454	19°19'25.78701"	82°06'14.23559"
P-1408	430	19°26'13.40831"	81°59'35.05454"	P-1458	454	19°19'27.57900"	82°06'13.74278"
P-1409	430	19°26'14.39717"	81°59'35.80504"	P-1459	455	19°19'47.98812"	82°05'37.29531"
P-1410	431	19°26'03.00630"	81°59'28.67405"	P-1460	455	19°19'49.82802"	82°05'28.04512"
P-1411	431	19°26'04.69941"	81°59'28.83527"	P-1461	456	19°19'45.69630"	82°06'08.91683"
P-1412	432	19°25'58.17579"	81°59'28.26931"	P-1462	456	19°19'51.91855"	82°06'07.08471"
P-1413	432	19°26'00.73235"	81°59'28.41630"	P-1463	457	19°19'44.79173"	82°06'09.17173"
P-1414	433	19°25'54.06939"	81°59'28.07855"	P-1464	457	19°19'45.69630"	82°06'08.91683"
P-1415	433	19°25'55.14910"	81°59'28.13133"	P-1465	458	19°19'43.27970"	82°06'09.59808"
P-1416	434	19°25'52.81079"	81°59'28.01509"	P-1466	458	19°19'44.79173"	82°06'09.17173"
P-1417	434	19°25'54.06939"	81°59'28.07855"	P-1467	459	19°19'40.94500"	82°06'10.25868"
P-1418	435	19°25'51.15836"	81°59'27.93012"	P-1468	459	19°19'43.27970"	82°06'09.59808"
P-1419	435	19°25'52.81079"	81°59'28.01509"	P-1469	460	19°19'37.59673"	82°06'11.17606"
P-1420	436	19°25'45.56116"	81°59'28.07849"	P-1470	460	19°19'40.94500"	82°06'10.25868"
P-1421	436	19°25'51.15836"	81°59'27.93012"	P-1471	461	19°19'29.00985"	82°06'13.37313"
P-1422	437	19°25'38.98215"	81°59'28.43124"	P-1472	461	19°19'33.21397"	82°06'12.30028"
P-1423	437	19°25'43.64810"	81°59'28.33879"	P-1473	462	19°18'58.70339"	82°06'15.65345"
P-1424	438	19°25'36.06767"	81°59'28.00529"	P-1474	462	19°19'09.18483"	82°06'16.48488"
P-1425	438	19°25'38.98215"	81°59'28.43124"	P-1475	462	19°19'19.59419"	82°06'15.93003"
P-1426	439	19°25'20.29219"	81°59'27.47664"	P-1476	462	19°19'25.78388"	82°06'14.23644"
P-1427	439	19°25'26.12365"	81°59'27.28338"	P-1477	463	19°16'42.71760"	82°09'30.62918"
P-1428	440	19°20'21.09185"	82°09'28.47333"	P-1478	463	19°16'32.93620"	82°09'28.47497"
P-1429	440	19°20'15.82589"	82°09'35.26569"	P-1479	464	19°16'03.86016"	82°09'23.62990"
P-1430	441	19°20'32.10904"	82°08'46.10042"	P-1480	464	19°15'59.44901"	82°09'23.56843"
P-1431	441	19°20'31.66122"	82°08'47.19861"	P-1481	465	19°15'47.68543"	82°09'18.86527"
P-1432	442	19°20'31.29455"	82°08'49.19662"	P-1482	465	19°15'46.36684"	82°09'18.47017"
P-1433	442	19°20'30.98500"	82°08'50.60065"	P-1483	466	19°22'25.40714"	82°07'42.25720"
P-1434	443	19°20'27.54851"	82°09'15.14021"	P-1484	466	19°22'25.15076"	82°07'43.04821"
P-1435	443	19°20'27.41608"	82°09'15.92819"	P-1485	467	19°22'24.61085"	82°07'48.72295"
P-1436	444	19°20'27.81633"	82°09'13.54653"	P-1486	467	19°22'24.22080"	82°07'50.92833"
P-1437	444	19°20'27.54851"	82°09'15.14021"	P-1487	468	19°22'22.04235"	82°07'55.61418"
P-1438	445	19°20'27.81310"	82°09'08.99569"	P-1488	468	19°22'21.18871"	82°07'56.76070"
P-1439	445	19°20'28.01221"	82°09'09.79084"	P-1489	469	19°22'25.24561"	82°07'40.91037"
P-1440	446	19°20'26.58211"	82°09'19.54884"	P-1490	469	19°22'25.44723"	82°07'40.94310"
P-1441	446	19°20'21.09185"	82°09'28.47333"	P-1491	470	19°23'16.03377"	81°58'25.52479"
P-1442	447	19°21'56.72370"	82°05'12.14804"	P-1492	470	19°23'18.52058"	81°58'24.21732"
P-1443	447	19°21'58.70901"	82°05'13.18228"	P-1493	471	19°22'53.11965"	82°04'19.51274"
P-1444	448	19°17'19.03817"	82°09'38.98245"	P-1494	471	19°22'53.11965"	82°04'19.51274"
P-1445	448	19°17'08.74901"	82°09'40.26940"	P-1495	472	19°12'25.55614"	82°00'03.19153"
P-1446	448	19°17'07.20122"	82°09'40.23748"	P-1496	472	19°12'25.99570"	82°00'00.00307"

Chhattisgarh BharatNet Phase-II Project

Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-1447	449	19°17'43.31847"	82°09'48.44002"	P-1497	473	19°12'23.42658"	82°00'14.71981"
P-1448	449	19°17'42.60038"	82°09'46.56101"	P-1498	473	19°12'23.71208"	82°00'13.39633"
P-1449	450	19°17'27.62118"	82°09'35.17442"	P-1499	474	19°21'50.32706"	82°04'53.31438"
P-1450	450	19°17'24.43290"	82°09'36.78673"	P-1500	474	19°21'50.56469"	82°04'53.99738"
P-1501	475	19°21'51.76685"	82°04'58.29670"	P-1551	499	19°07'36.96977"	82°05'56.04612"
P-1502	475	19°21'52.39678"	82°04'59.03823"	P-1552	499	19°07'37.15905"	82°05'54.79059"
P-1503	476	19°21'51.01554"	82°04'55.33612"	P-1553	500	19°18'56.74810"	82°09'35.69916"
P-1504	476	19°21'51.36957"	82°04'56.67746"	P-1554	500	19°18'54.63483"	82°09'38.03777"
P-1505	477	19°21'50.56469"	82°04'53.99738"	P-1555	501	19°19'01.67447"	82°09'27.31694"
P-1506	477	19°21'51.01554"	82°04'55.33612"	P-1556	501	19°18'58.56253"	82°09'33.80212"
P-1507	478	19°21'51.44537"	82°04'57.03445"	P-1557	502	19°18'57.13334"	82°09'07.00295"
P-1508	478	19°21'51.76685"	82°04'58.29670"	P-1558	502	19°18'57.94507"	82°09'10.57178"
P-1509	479	19°21'39.64866"	82°04'32.17148"	P-1559	503	19°18'57.65265"	82°08'56.46599"
P-1510	479	19°21'41.82345"	82°04'35.34342"	P-1560	503	19°18'57.12964"	82°09'06.94436"
P-1511	480	19°21'35.95273"	82°04'25.95263"	P-1561	503	19°18'57.13334"	82°09'07.00295"
P-1512	480	19°21'39.64866"	82°04'32.17148"	P-1562	504	19°18'08.66203"	82°10'04.00743"
P-1513	481	19°21'23.54677"	82°04'12.54087"	P-1563	504	19°18'02.10202"	82°10'04.22161"
P-1514	481	19°21'25.22270"	82°04'14.88700"	P-1564	505	19°18'11.50799"	82°10'02.34579"
P-1515	482	19°21'25.22270"	82°04'14.88700"	P-1565	505	19°18'08.67058"	82°10'04.00633"
P-1516	482	19°21'26.10792"	82°04'15.99640"	P-1566	506	19°18'12.35513"	82°10'01.87785"
P-1517	483	19°15'30.52151"	82°01'56.00864"	P-1567	506	19°18'11.50799"	82°10'02.34579"
P-1518	483	19°15'20.71768"	82°01'52.22021"	P-1568	507	19°18'27.17027"	82°09'52.78595"
P-1519	483	19°15'20.36138"	82°01'52.19046"	P-1569	507	19°18'26.43453"	82°09'53.36787"
P-1520	484	19°14'44.65973"	82°01'53.73854"	P-1570	508	19°17'57.33117"	82°10'02.99759"
P-1521	484	19°14'37.36446"	82°01'54.00548"	P-1571	508	19°17'55.30308"	82°10'01.60801"
P-1522	485	19°21'27.19893"	82°01'11.06573"	P-1572	509	19°11'48.65076"	82°09'39.87312"
P-1523	485	19°21'24.27829"	82°01'08.94426"	P-1573	509	19°11'46.69645"	82°09'40.51613"
P-1524	486	19°21'28.96588"	82°01'12.16448"	P-1574	510	19°08'31.16002"	82°05'55.31887"
P-1525	486	19°21'27.19893"	82°01'11.06573"	P-1575	510	19°08'27.99425"	82°05'57.21397"
P-1526	487	19°21'59.50144"	82°01'46.38001"	P-1576	511	19°08'32.83112"	82°05'54.00804"
P-1527	487	19°21'56.78804"	82°01'37.23334"	P-1577	511	19°08'31.16002"	82°05'55.31887"
P-1528	487	19°21'55.95464"	82°01'34.92142"	P-1578	512	19°08'21.73000"	82°06'01.54656"
P-1529	488	19°22'15.59019"	82°02'32.60580"	P-1579	512	19°08'19.06376"	82°06'03.22558"
P-1530	488	19°22'15.58943"	82°02'32.63112"	P-1580	513	19°12'44.58476"	82°09'23.62004"
P-1531	489	19°22'31.49710"	82°02'54.71275"	P-1581	513	19°12'41.22283"	82°09'23.83818"
P-1532	489	19°22'28.86237"	82°02'50.99272"	P-1582	514	19°13'03.97425"	82°09'22.65126"
P-1533	490	19°22'27.37923"	82°02'48.83085"	P-1583	514	19°13'00.91110"	82°09'21.78956"
P-1534	490	19°22'26.80177"	82°02'47.97039"	P-1584	515	19°18'57.56652"	82°08'08.94655"
P-1535	491	19°20'05.93319"	82°00'51.09510"	P-1585	515	19°18'58.57621"	82°08'09.46587"
P-1536	491	19°20'03.19609"	82°00'53.99506"	P-1586	516	19°18'22.08380"	82°07'33.77163"
P-1537	492	19°20'03.03646"	82°00'54.10099"	P-1587	516	19°18'28.81022"	82°07'38.25797"
P-1538	492	19°20'00.88133"	82°00'55.00020"	P-1588	517	19°17'19.03292"	82°09'38.94719"
P-1539	493	19°11'46.91014"	82°00'03.61677"	P-1589	517	19°17'08.79568"	82°09'40.40857"
P-1540	493	19°11'49.19573"	82°00'03.58505"	P-1590	517	19°17'07.18718"	82°09'40.28182"

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Point	Patch	Longitude in D:M:S	Latitude in D:M:S	Point	Patch	Longitude in D:M:S	Latitude in D:M:S
P-1541	494	19°07'55.06070"	82°04'01.05471"	P-1591	518	19°17'43.26047"	82°09'48.32669"
P-1542	494	19°07'53.39618"	82°03'57.95033"	P-1592	518	19°17'42.64179"	82°09'46.58201"
P-1543	495	19°07'53.72249"	82°03'53.98782"	P-1593	519	19°17'27.62131"	82°09'35.26503"
P-1544	495	19°07'53.53509"	82°03'54.37622"	P-1594	519	19°17'24.43302"	82°09'36.78160"
P-1545	496	19°08'01.17545"	82°06'06.32544"	P-1595	520	19°17'24.32143"	82°09'36.83540"
P-1546	496	19°07'57.89923"	82°06'05.27255"	P-1596	520	19°17'19.03907"	82°09'38.94563"
P-1547	497	19°07'57.89923"	82°06'05.27255"	P-1597	521	19°16'58.81158"	82°09'36.52892"
P-1548	497	19°07'55.86828"	82°06'05.01139"	P-1598	521	19°16'52.61137"	82°09'32.46488"
P-1549	498	19°07'42.07939"	82°05'58.28126"	P-1599	522	19°11'56.78201"	82°09'38.54127"
P-1550	498	19°07'40.41849"	82°05'57.65984"	P-1600	522	19°11'55.65269"	82°09'38.59974"
P-1601	523	19°11'55.65269"	82°09'38.59974"				
P-1602	523	19°11'53.78859"	82°09'38.75439"				
P-1603	524	19°11'53.78859"	82°09'38.75439"				
P-1604	524	19°11'52.63161"	82°09'38.88263"				
P-1605	525	19°10'23.65053"	82°09'25.34956"				
P-1606	525	19°10'22.46032"	82°09'24.75594"				
P-1607	526	19°10'10.44181"	82°09'28.11731"				
P-1608	526	19°10'08.60195"	82°09'26.01884"				
P-1609	527	19°09'38.23633"	82°09'34.62151"				
P-1610	527	19°09'35.96478"	82°09'35.73757"				
P-1611	528	19°09'34.97933"	82°09'36.22174"				
P-1612	528	19°09'33.97304"	82°09'36.71615"				
P-1613	529	19°16'43.45720"	82°09'30.82074"				
P-1614	529	19°16'33.15416"	82°09'28.70522"				
P-1615	529	19°16'32.89872"	82°09'28.65277"				
P-1616	530	19°16'03.85143"	82°09'23.55183"				
P-1617	530	19°15'59.46489"	82°09'23.50692"				
P-1618	531	19°15'47.69217"	82°09'18.85288"				
P-1619	531	19°15'46.41124"	82°09'18.39384"				
P-1620	532	19°16'13.61782"	82°09'12.52114"				
P-1621	532	19°16'12.46550"	82°09'12.17089"				
P-1622	533	19°16'12.46550"	82°09'12.17089"				
P-1623	533	19°16'10.03500"	82°09'12.09769"				
P-1624	534	19°16'06.34263"	82°09'15.59762"				
P-1625	534	19°16'04.97215"	82°09'17.14068"				
P-1626	535	19°09'48.12503"	82°09'32.97812"				
P-1627	535	19°09'47.18355"	82°09'32.12706"				
P-1628	536	19°09'53.04592"	82°09'40.37163"				
P-1629	536	19°09'53.03787"	82°09'40.03454"				
P-1630	537	19°09'55.20602"	82°09'37.50068"				
P-1631	537	19°09'55.01446"	82°09'38.72851"				

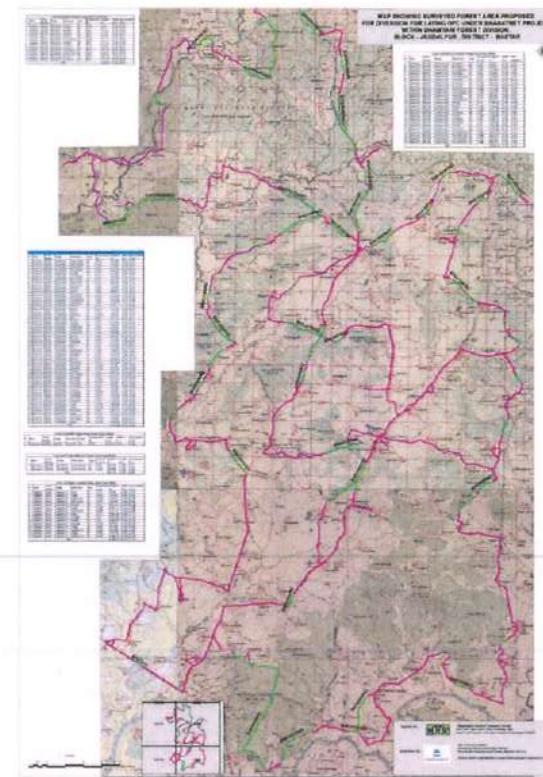


5.3. Geo-Referenced Maps of the Proposed Route (Annexure-3)

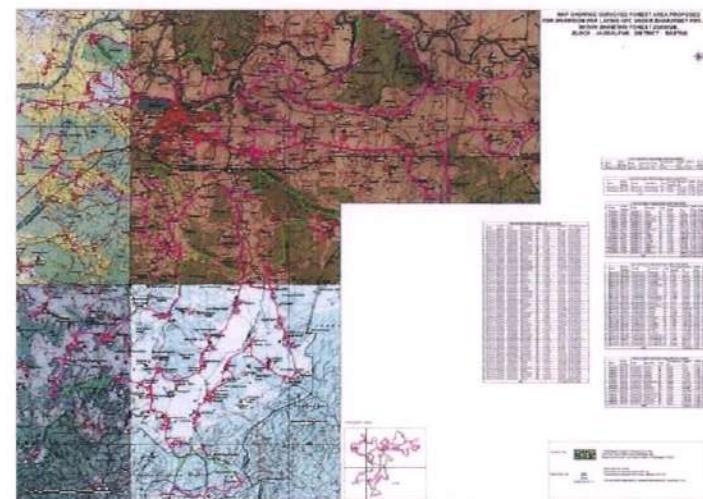
5.3.1. Map showing Geo-reference map of proposed OFC Route.



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



Geo-Referenced Toposheet Map of Forest Patched of Bakawand block in Bastar Forest Division.



Geo-Referenced Toposheet Map of Forest Patched of Jagdalpur block in Bastar Forest Division.

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